Table E-3. Summary of Base/Neutral Extractable Compounds in Ground Water, Monsanto Company, W.G. Krummrich Plant, Sauget, Il

153663

Well Number:	Lab Blank	Lab Blank
Date:	9/84	9/84
USEPA Priority Pollutant Base/Neutral Extractable Organic Compounds concentrations are in ug/L		
acenaphthene	<4	<4
acenapthylene	<3	<3
anthracene	<4	<4
benzidine	<60	<60
benzo (a) anthracene	<9	<9
benzo (a) pyrene	<12	<12
benzo (b) fluoroanthene	<11	<11
benzo (ghi) perylene	<14	<14
benzo (k) fluoranthene	<11	<11
bis (2-chloroethoxy) methane	<4	<4
bis (2-chloroethyl) ether	<4	<4
bis (2-chloroisopropyl) ether	<3	<3
bis (2-ethylhexyl) phthalate	<10	<10
4-bromophenyl phenyl ether	<16	<16
butyl benzyl phthalate	<13	<13
2-chloronaphthalene	<4	<4
4-chlorophenyl phenyl ether	<9	<9
chrysene	<9	<9
dibenzo (a,h) anthracene	<16	<16
1,2-dichlorobenzene	<5	<5
1,3-dichlorobenzene	<6	<6
1,4-dichlorobenzene	<5	<5
3,3-dichlorobenzidine	<161	<161
diethyl phthalate	<4	<4
dimethyl phthalate	<4	<4
di-n-butyl phthalate	23	<3
2,4-dinitrotoluene	<14	<14
2,6-dinitrotoluene	<16	<16
di-n-octyl phthalate	<6	<6
1,2-diphenylhydrazine	<10	<10
fluoranthene	<5	<5
fluorene	<4	<4
hexachlorobenzene	<15	<15
hexachlorobutadiene	<13	<13
hexachlorocyclopentadiene	<12	<12
hexachloroethane	<10	<10
indeno (1,2,3-c,d) pyrene	<7	<7
isophorone	<2	<2
naphthalene	<2	<2
nitrobenzene	<5	<5
n-nitrosodimethylamine	<10	<10
n-nitrosodi-n-propylamine	<6	<6
n-nitrosodiphenylamine	<82	<82
phenanthrene	<4	<4
pyrene	<5	<5
1,2,4-trichlorobenzene	<7	<7
Sub Total	23	0

Table E-3. Summary of Base/Neutral Extractable Compounds in Ground Water, Monsanto Company, W.G. Krummrich Plant, Sauget, Il

Well Number:	Lab Blank	Lab Blank
Date:	9/84	9/84
Miscellaneous Base/Neutral Extractable Organic Compounds concentrations are in ug/L		
2-nitroaniline	<25-30	<25-30
4-nitroaniline	<25-30	<25-30
2-nitrochlorobenzene	<10	<10
4-nitrochlorobenzene	<10	<10
2,4-and 3,4-dinitrochlorobenzene	<10	<10
4-nitrodiphenylamine	<10	<10
triphenyl phosphate	<10	<10
2,3,7,8-tetrachloro-dibenzo-p-dioxin	NA	NA
2-nitrobiphenyl	NA	NA
4-nitrobiphenyl	NA	NA
Sub Total 2	0	0
Total Base/Neutral Compounds Analyzed	23	0

NA - Not analyzed.
* - Replicate Analyses
** - Prior to analysis, this sample was held by Envirodyne Engineers, Inc. longer than the maximum allowable USEPA holding time.
\# - Replicate analysis was performed by ETC.
a) - This sample was collected (unfiltered) for nitrobiphenyl analysis.
b) - This sample was collected (filtered) for nitrobiphenyl analysis.
c) - Envirodyne Engineers, Inc. reported 16 ug/L; however the result did not differentiate between the nitrochlorobenzene compounds.
d) - Envirodyne Engineers, Inc. reported 228 ug/L; however the result did not differentiate between the nitrochlorobenzene compounds.
e) - ETC reported 124,000 ug/L for 2-NCB, 3-NCB, and 4-NCB. The laboratory could not distinguish between these compounds, however they occur in roughly equal proportions.
< - Indicates that the compound was not detected at the detection limit which is the value shown next to the symbol.

Table E-3. Summary of Base/Neutral Extractable Compounds in Ground Water, Monsanto Company, W.G. Krummrich Plant, Sauget, Il

Well Number:	GM-1	GM-1	GM-2	GM-2	GM-3	GM-3	GM-3	GM-4A	GM-4A
Date:	11/83	5/84	11/83	5/84	11/83	5/84	5/84*	11/83	5/84
USEPA Priority Pollutant Base/Neutral Extractable Organic Compounds concentrations are in ug/L									
acenaphthene	<1	<1	<1	<1	<1	<1	<1	<1	<1
acenapthylene	<1	<1	<1	<1	<1	<1	<1	<1	<1
anthracene	<1	<1	<1	<1	<1	<1	<1	<1	<1
benzidine	<1	<1	<1	<1	<1	<1	<1	<1	<1
benzo (a) anthracene	<1	<1	<1	<1	<1	<1	<1	<1	<1
benzo (a) pyrene	<1	<1	<1	<1	<1	<1	<1	<1	<1
benzo (b) fluoroanthene	<1	<1	<1	<1	<1	<1	<1	<1	<1
benzo (ghi) perylene	<1	<1	<1	<1	<1	<1	<1	<1	<1
benzo (k) fluoranthene	<1	<1	<1	<1	<1	<1	<1	<1	<1
bis (2-chloroethoxy) methane	<1	<1	<1	<1	<1	<1	<1	<1	<1
bis (2-chloroethyl) ether	<1	<1	<1	<1	<1	<1	<1	<1	<1
bis (2-chloroisopropyl) ether	<1	<1	<1	<1	<1	<1	<1	<1	<1
bis (2-ethylhexyl) phthalate	<1	<1	13	<1	1	<1	<1	<1	2
4-bromophenyl phenyl ether	<1	<1	<1	<1	<1	<1	<1	<1	<1
butyl benzyl phthalate	<1	<1	<1	<1	<1	<1	<1	<1	<1
2-chloronaphthalene	<1	<1	<1	<1	<1	<1	<1	<1	<1
4-chlorophenyl phenyl ether	<1	<1	<1	<1	<1	<1	<1	<1	<1
chrysene	<1	<1	<1	<1	<1	<1	<1	<1	<1
dibenzo (a,h) anthracene	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-dichlorobenzene	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,3-dichlorobenzene	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,4-dichlorobenzene	<1	<1	<1	<1	<1	<1	<1	<1	<1
3,3-dichlorobenzidine	<1	<1	<1	<1	<1	<1	<1	<1	<1
diethyl phthalate	<1	3	<1	2	<1	1	1	<1	1
dimethyl phthalate	<1	<1	<1	<1	<1	<1	<1	<1	<1
di-n-butyl phthalate	1	2	2	3	2	3	2	2	<1
2,4-dinitrotoluene	<1	<1	<1	<1	<1	<1	<1	<1	<1
2,6-dinitrotoluene	<1	<1	<1	<1	<1	<1	<1	<1	<1
di-n-octyl phthalate	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-diphenylhydrazine	<1	<1	<1	<1	<1	<1	<1	<1	<1
fluoranthene	<1	<1	<1	<1	<1	<1	<1	<1	<1
fluorene	<1	<1	<1	<1	<1	<1	<1	<1	<1
hexachlorobenzene	<1	<1	<1	<1	<1	<1	<1	<1	<1
hexachlorobutadiene	<1	<1	<1	<1	<1	<1	<1	<1	<1
hexachlorocyclopentadiene	<1	<1	<1	<1	<1	<1	<1	<1	<1
hexachloroethane	<1	<1	<1	<1	<1	<1	<1	<1	<1
indeno (1,2,3-c,d) pyrene	<1	<1	<1	<1	<1	<1	<1	<1	<1
isophorone	<1	<1	<1	<1	<1	<1	<1	<1	<1
naphthalene	<1	<1	<1	<1	<1	<1	<1	<1	<1
nitrobenzene	<1	<1	<1	<1	<1	<1	<1	<1	<1
n-nitrosodimethylamine	<1	<1	<1	<1	<1	<1	<1	<1	<1
n-nitrosodi-n-propylamine	<1	<1	<1	<1	<1	<1	<1	<1	<1
n-nitrosodiphenylamine	<1	<1	<1	<1	<1	<1	<1	<1	<1
phenanthrene	<1	<1	<1	<1	<1	<1	<1	<1	<1
pyrene	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2,4-trichlorobenzene	<1	<1	<1	<1	<1	<1	<1	<1	<1
Sub Total 1	1	5	15	5	3	4	3	2	3

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Table E-3. Summary of Base/Neutral Extractable Compounds in Ground Water, Monsanto Company, W.G. Krummrich Plant, Sauget, Il

Well Number:	GM-1	GM-1	GM-2	GM-2	GM-3	GM-3	GM-3	GM-4A	GM-4A
Date:	11/83	5/84	11/83	5/84	11/83	5/84	5/84*	11/83	5/84
Miscellaneous Base/Neutral Extractable Organic Compounds concentrations are in ug/L									
2-nitroaniline	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-nitroaniline	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-nitrochlorobenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-nitrochlorobenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-and 3,4-dinitrochlorobenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-nitrodiphenylamine	NA	NA	NA	NA	NA	NA	NA	NA	NA
triphenyl phosphate	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,3,7,8-tetrachloro-dibenzo-p-dioxin	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-nitrobiphenyl	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-nitrobiphenyl	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sub Total 2	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Base/Neutral Compounds Analyzed	1	5	15	5	3	4	3	2	3

Table E-3. Summary of Base/Neutral Extractable Compounds in Ground Water, Monsanto Company, W.G. Krummrich Plant, Sauget, Il

Well Number:	GM-4B	GM-4B	GM-4B	GM-4B	GM-4B	GM-4B	GM-4C	GM-4C	GM-5
Date:	9/84	11/84	11/84*	2/85	11/85	11/85*	2/85	5/85	11/83
USEPA Priority Pollutant Base/Neutral Extractable Organic Compounds concentrations are in ug/L									
acenaphthene	<4	<10	<10	<1.9	<1.9	<1.9	<1.9	<1.9	<1
acenapthylene	<3	<10	<10	<3.5	<3.5	<3.5	<3.5	<3.5	<1
anthracene	<4	<10	<10	<1.9	<1.9	10.6	<1.9	<1.9	<1
benzidine	<60	<10	<10	<44	<44	<44	<44	<44	<1
benzo (a) anthracene	<9	<10	<10	<7.8	<7.9	<7.8	<7.8	<7.8	<1
benzo (a) pyrene	<12	<10	<10	<2.5	<2.5	<2.5	<2.5	<2.5	<1
benzo (b) fluoroanthene	<11	<10	<10	<4.8	<4.8	<4.8	<4.8	<4.8	<1
benzo (ghi) perylene	<14	<10	<10	<4.1	<4.1	<4.1	<4.1	<4.1	<1
benzo (k) fluoranthene	<11	<10	<10	<2.5	<3.5	<3.5	<2.5	<2.5	<1
bis (2-chloroethoxy) methane	<4	<10	<10	<5.3	<5.4	<5.3	<5.3	<5.3	<1
bis (2-chloroethyl) ether	<4	<10	<10	<5.7	<5.8	<5.7	<5.7	<5.7	<1
bis (2-chloroisopropyl) ether	<3	<10	<10	<5.7	<5.8	<5.7	<10	<6	<1
bis (2-ethylhexyl) phthalate	24	<10	<10	<10	<10	10.9	<1.9	<10	<1
4-bromophenyl phenyl ether	<16	<10	<10	<1.9	<1.9	<1.9	<10	<1.9	<1
butyl benzyl phthalate	8	<10	<10	<10	<10	<10	<1.9	<10	<1
2-chloronaphthalene	<4	<10	<10	<1.9	<1.9	<1.9	<1.9	<1.9	<1
4-chlorophenyl phenyl ether	<9	<10	<10	<4.2	<4.2	<4.2	<4.2	<4.2	<1
chrysene	<9	<10	<10	<2.5	<2.5	<2.5	<2.5	<2.5	<1
dibenzo (a,h) anthracene	<16	<10	<10	<2.5	<10	<10	<2.5	<2.5	<1
1,2-dichlorobenzene	159	258	123	105	85.6	99.2	91.7	40	<1
1,3-dichlorobenzene	12	56	37	31.6	82.8	42.4	73.3	24	<1
1,4-dichlorobenzene	681	1220	333	963	336	463	1,030	295	<1
3,3-dichlorobenzidine	<161	<10	<10	<16.5	<17	<17	<16.5	<16.5	<1
diethyl phthalate	<4	<10	<10	<10	<10	<10	<10	<10	<1
dimethyl phthalate	<4	<10	<10	<10	<10	<10	<10	<10	<1
di-n-butyl phthalate	14	<10	<10	<10	<10	<10	<10	<10	1
2,4-dinitrotoluene	<14	<10	<10	<5.7	<5.8	<5.7	<5.7	<5.7	<1
2,6-dinitrotoluene	<16	<10	<10	<1.9	<1.9	<1.9	<1.9	<1.9	<1
di-n-octyl phthalate	<6	<10	<10	<10	<10	<10	<10	<10	<1
1,2-diphenylhydrazine	<10	<10	<10	<10	<10	<10	<10	<10	<1
fluoranthene	<5	<10	<10	<2.2	<2.2	<2.2	<2.2	<2.2	<1
fluorene	<4	<10	<10	<1.9	<1.9	<1.9	<1.9	<1.9	<1
hexachlorobenzene	<15	<10	<10	<1.9	<1.9	<1.9	<1.9	<1.9	<1
hexachlorobutadiene	<13	<10	<10	<0.9	<0.9	<0.9	<0.9	<0.9	<1
hexachlorocyclopentadiene	<12	<10	<10	<10	<10	<10	<10	<10	<1
hexachloroethane	<10	<10	<10	<1.6	<1.6	<1.6	<1.6	<1.6	<1
indeno (1,2,3-c,d) pyrene	<7	<10	<10	<3.7	<4.7	<4.7	<3.7	<3.7	<1
isophorone	<2	<10	<10	<2.2	<2.2	<2.2	<2.2	<2.2	<1
naphthalene	<2	<10	<10	<1.6	<1.6	<1.6	<1.6	<1.6	<1
nitrobenzene	<5	<10	<10	<1.9	<1.9	<1.9	<1.9	<1.9	<1
n-nitrosodimethylamine	<10	<10	<10	<10	<10	<10	<10	<10	<1
n-nitrosodi-n-propylamine	<6	<10	<10	<10	<10	<10	<10	<10	<1
n-nitrosodiphenylamine	25	<10	<10	<1.9	<1.9	<1.9	72.4	<1.9	<1
phenanthrene	<4	<10	<10	<5.4	<5.5	<5.4	<5.4	<5.4	<1
pyrene	<5	<10	<10	<1.9	<1.9	<1.9	<1.9	<1.9	<1
1,2,4-trichlorobenzene	<7	<10	<10	<1.9	<1.9	<1.9	<1.9	<1.9	<1
Sub Total 1	923	1534	493	1099.6	504.4	626.1	1267.4	359	1

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Table E-3. Summary of Base/Neutral Extractable Compounds in Ground Water, Monsanto Company, W.G. Krummrich Plant, Sauget, Il

Well Number:	GM-4B	GM-4B	GM-4B	GM-4B	GM-4B	GM-4B	GM-4C	GM-4C	GM-5
Date:	9/84	11/84	11/84*	2/85	11/85	11/85*	2/85	5/85	11/83
Miscellaneous Base/Neutral Extractable Organic Compounds concentrations are in ug/L									
2-nitroaniline	<25-30	<10	<10	<10	<10	<10	<10	<10	NA
4-nitroaniline	<25-30	<10	<10	<10	<10	<10	<10	<10	NA
2-nitrochlorobenzene	<10	<10	<10	<10	<10	19.9	<10	<10	NA
4-nitrochlorobenzene	<10	<10	<10	<10	<10	23.6	<10	<10	NA
2,4-and 3,4-dinitrochlorobenzene	<10	<10	<10	<10	<10	<10	<10	<10	NA
4-nitrodiphenylamine	<10	<10	<10	<10	<10	<10	<10	<10	NA
triphenyl phosphate	<10	<10	<30	<10	<10	<10	<10	<10	NA
2,3,7,8-tetrachloro-dibenzo-p-dioxin	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-nitrobiphenyl	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-nitrobiphenyl	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sub Total 2	0	0	0	0	0	43.5	0	0	NA
Total Base/Neutral Compounds Analyzed	923	1534	493	1099.6	504.4	669.6	1267.4	359	1

Table E-3. Summary of Base/Neutral Extractable Compounds in Ground Water, Monsanto Company, W.G. Krummrich Plant, Sauget, Il

Well Number:	B-25B	B-27B	B-27B	B-28A	B-29A	B-29A	B-29B	B-29B	B-29B
Date:	11/85	9/84**	9/84*	2/86	6/84	11/85	6/84	6/84*	6/84#
Miscellaneous Base/Neutral Extractable Organic Compounds concentrations are in ug/L									
2-nitroaniline	3,280	NA	NA	<11	NA	<20	NA	NA	NA
4-nitroaniline	1,780	NA	NA	<11	NA	189	NA	NA	NA
2-nitrochlorobenzene	25,600	NA	NA	<11	NA	<20	NA	NA	NA
4-nitrochlorobenzene	15,500	NA	NA	<11	NA	<20	NA	NA	NA
2,4-and 3,4-dinitrochlorobenzene	<11	NA	NA	<11	NA	<20	NA	NA	NA
4-nitrodiphenylamine	34.5	NA	NA	<11	NA	628	NA	NA	NA
triphenyl phosphate	<11	NA	NA	<11	NA	132	NA	NA	NA
2,3,7,8-tetrachloro-dibenzo-p-dioxin	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-nitrobiphenyl	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-nitrobiphenyl	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sub Total 2	46194.5	NA	NA	0	NA	949	NA	NA	NA
Total Base/Neutral Compounds Analyzed	50451.7	NA	NA	0	127	2970.1	1965	11840	13500

Table E-3. Summary of Base/Neutral Extractable Compounds in Ground Water, Monsanto Company, W.G. Krummrich Plant, Sauget, Il

Well Number:	B-29B	B-29B	B-30B	B-31B	B-31B	B-31C	B-31C	B-31C	B-31C
Date:	11/84	11/85	9/84**	11/85	2/86	9/84**	9/84*	11/85	2/86
USEPA Priority Pollutant Base/Neutral Extractable Organic Compounds concentrations are in ug/L									
acenaphthene	<50	<3.8	NA	<1.9	<1.9	<4	<4	<1.9	<2.0
acenapthylene	<50	<7.0	NA	<3.5	<3.5	<3	<3	<3.5	<3.7
anthracene	<50	<3.8	NA	<1.9	<1.9	<4	<4	<1.9	<2.0
benzidine	<50	<88	NA	<44	<44	<60	<60	<45	<46
benzo (a) anthracene	<50	<16	NA	<7.8	<7.9	<9	<9	<8.0	<8.2
benzo (a) pyrene	<50	<5.0	NA	<2.5	<2.5	<12	<12	<2.6	<2.6
benzo (b) fluoroanthene	<50	<9.6	NA	<4.8	<4.8	<11	<11	<4.9	<5.1
benzo (ghi) perylene	<50	<8.2	NA	<4.1	<4.1	<14	<14	<4.2	<4.3
benzo (k) fluoranthene	<50	<7.0	NA	<3.5	<3.5	<11	<11	<3.6	<3.7
bis (2-chloroethoxy) methane	<50	<11	NA	<5.3	<5.4	<4	<4	<5.4	<5.6
bis (2-chloroethyl) ether	<50	<11	NA	<5.7	<5.8	<4	<4	<5.8	<6.0
bis (2-chloroisopropyl) ether	<50	<11	NA	<5.7	<5.8	<3	<3	<5.8	<6.0
bis (2-ethylhexyl) phthalate	<50	<20	NA	101	<10	<10	<10	<10	<11
4-bromophenyl phenyl ether	<50	<3.8	NA	<1.9	<1.9	<16	<16	<1.9	<2
butyl benzyl phthalate	<50	<20	NA	<10	<10	<13	<13	<10	<11
2-chloronaphthalene	<50	<3.8	NA	<1.9	<1.9	<4	<4	<1.9	<2
4-chlorophenyl phenyl ether	<50	<8.4	NA	<4.2	<4.2	<9	<9	<4.3	<4.4
chrysene	<50	<5.0	NA	<2.5	<2.5	<9	<9	<2.6	<2.6
dibenzo (a,h) anthracene	<50	<20	NA	<10	<10	<16	<16	<10	<11
1,2-dichlorobenzene	4,200	779	NA	<1.9	<1.9	4	6	31.9	40.3
1,3-dichlorobenzene	<50	<3.8	NA	<1.9	<1.9	<6	<6	<1.9	<2
1,4-dichlorobenzene	<50	<8.8	NA	<4.4	<4.4	4	5	19.4	22.2
3,3-dichlorobenzidine	<50	<34	NA	<17	<17	<161	<161	<17	<17
diethyl phthalate	<50	<20	NA	<10	<10	<4	<4	<10	<11
dimethyl phthalate	<50	<20	NA	<10	<10	<4	<4	<10	<11
di-n-butyl phthalate	<50	<20	NA	4.5	<10	<3	<3	<10	<11
2,4-dinitrotoluene	<50	<11	NA	<5.7	<5.8	<14	<14	<5.8	<6.0
2,6-dinitrotoluene	<50	<3.8	NA	<1.9	<1.9	<16	<16	<1.9	<2.0
di-n-octyl phthalate	<50	<20	NA	<10	<10	<6	<6	<10	<11
1,2-diphenylhydrazine	<50	<20	NA	<10	<10	<10	<10	<10	<11
fluoranthene	<50	<4.4	NA	<2.2	<2.2	<5	<5	<2.2	<2.3
fluorene	<50	<3.8	NA	<1.9	<1.9	<4	<4	<1.9	<2.0
hexachlorobenzene	<50	<3.8	NA	<1.9	<1.9	<15	<15	<1.9	<2.0
hexachlorobutadiene	<50	<1.8	NA	<0.9	<0.9	<13	<13	<0.9	<1
hexachlorocyclopentadiene	<50	<20	NA	<10	<10	<12	<12	<10	<11
hexachloroethane	<50	<3.2	NA	<1.6	<1.6	<10	<10	<1.6	<1.7
indeno (1,2,3-c,d) pyrene	<50	<9.4	NA	<4.7	<4.7	<7	<7	<4.8	<4.9
isophorone	55	76.6	NA	<2.2	<2.2	<2	<2	<2.2	<2.3
naphthalene	125	58.6	NA	<1.6	<1.6	<2	<2	<1.6	<1.7
nitrobenzene	2,170	1,060	NA	<1.9	<1.9	<5	<5	<1.9	<2.0
n-nitrosodimethylamine	<50	<20	NA	<10	<10	<10	<10	<10	<11
n-nitrosodi-n-propylamine	<50	<20	NA	<10	<10	<6	<6	<10	<11
n-nitrosodiphenylamine	<50	<3.8	NA	<1.9	<1.9	<82	<82	<1.9	<2.0
phenanthrene	<50	<11	NA	<5.4	<5.5	<4	<4	<5.5	<5.7
pyrene	<50	<3.8	NA	<1.9	<1.9	<5	<5	<1.9	<2.0
1,2,4-trichlorobenzene	520	65.5	NA	<1.9	<1.9	<7	<7	<1.9	<2.0
Sub Total 1	7070	2039.7	NA	105.5	0	0	11	51.5	62.5

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Table E-3. Summary of Base/Neutral Extractable Compounds in Ground Water, Monsanto Company, W.G. Krummrich Plant, Sauget, Il

Well Number:	B-29B	B-29B	B-30B	B-31B	B-31B	B-31C	B-31C	B-31C	B-31C
Date:	11/84	11/85	9/84**	11/85	2/86	9/84**	9/84*	11/85	2/86
Miscellaneous Base/Neutral Extractable Organic Compounds concentrations are in ug/L									
2-nitroaniline	<50	<20	NA	<10	<10	<25-30	<25-30	<10	<11
4-nitroaniline	375	601	NA	<10	<10	<25-30	<25-30	<10	<11
2-nitrochlorobenzene	e)	282	NA	<10	<10	<10	<10	<10	<11
4-nitrochlorobenzene	e)	<20	NA	<10	<10	<10	<10	<10	<11
2,4-and 3,4-dinitrochlorobenzene	<50	<20	NA	<10	<10	<10	<10	<10	<11
4-nitrodiphenylamine	·601	949	NA	<10	<10	<10	<10	<10	<11
triphenyl phosphate	607	548	NA	<10	<10	<10	<10	<10	<11
2,3,7,8-tetrachloro-dibenzo-p-dioxin	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-nitrobiphenyl	NA	NA	NA	NA	NA	<10	<10	NA	NA
4-nitrobiphenyl	NA	NA	NA	NA	NA	<10	<10	NA	NA
Sub Total 2	1583	2380	NA	0	0	0	0	0	0
Total Base/Neutral Compounds Analyzed	8653	4419.7	NA	105.5	0	8	11	51.3	62.5

Table E-3. Summary of Base/Neutral Extractable Compounds in Ground Water, Monsanto Company, W.G. Krummrich Plant, Sauget, Il

Well Number:	B-101	B-102	GM-106	GM-106	GM-106	P-1	P-2	P-2	P-6
Date:	9/84**	9/84**	11/85	2/86	2/86*	9/84**	6/84	11/85	6/84
USEPA Priority Pollutant Base/Neutral Extractable Organic Compounds concentrations are in ug/L									
acenaphthene	<4	<4	<1.9	<2.0	<1.9	<4	<1	<1.9	<1
acenapthylene	<3	<3	<3.5	<3.6	<3.6	<3	<1	<3.5	<1
anthracene	<4	<4	<1.9	<2.0	<1.9	<4	<1	<1.9	<1
benzidine	<60	<60	<44	<45	<45	<60	<1	<44	<1
benzo (a) anthracene	<9	<9	<7.9	<8	<8	<9	<1	<7.8	<1
benzo (a) pyrene	<12	<12	<2.5	<2.6	<2.6	<12	<1	<2.5	<1
benzo (b) fluoroanthene	<11	<11	<4.8	<4.9	<4.9	<11	<1	<4.8	<1
benzo (ghi) perylene	<14	<14	<4.1	<4.2	<4.2	<14	<1	<4.1	<1
benzo (k) fluoranthene	<11	<11	<3.5	<3.6	<3.6	<11	<1	<3.5	<1
bis (2-chloroethoxy) methane	<4	<4	<5.4	<5.5	<5.4	<4	<1	<5.3	<1
bis (2-chloroethyl) ether	<4	<4	<5.8	<5.9	<5.8	<4	<1	<5.7	<1
bis (2-chloroisopropyl) ether	<3	<3	<5.8	<5.9	<5.8	<3	<1	<5.7	<1
bis (2-ethylhexyl) phthalate	109	3	<10	<10	<10	4	1	<10	<1
4-bromophenyl phenyl ether	<16	<16	<1.9	<2	<1.9	<16	<1	<1.9	<1
butyl benzyl phthalate	<13	<13	<10	<10	<10	<13	<1	<10	<1
2-chloronaphthalene	<4	<4	<1.9	<2	<1.9	<4	<1	<1.9	<1
4-chlorophenyl phenyl ether	<9	<9	<4.2	<4.3	<4.3	<9	<1	<4.2	<1
chrysene	<9	<9	<2.5	<2.6	<2.6	<9	<1	<2.5	<1
dibenzo (a,h) anthracene	<16	<16	<10	<10	<10	<16	<1	<10	<1
1,2-dichlorobenzene	<5	<5	<1.9	4.9	4.8	9	1	<1.9	<1
1,3-dichlorobenzene	28,500	<6	<1.9	<2	<1.9	<6	<1	<1.9	<1
1,4-dichlorobenzene	<5	<5	<4.4	<4.5	<4.5	1	7	21.4	<1
3,3-dichlorobenzidine	<161	<161	<17	<17	<17	<161	<1	<17	<1
diethyl phthalate	<4	<4	<10	<10	<10	<4	<1	<10	<1
dimethyl phthalate	<4	<4	<10	<10	<10	<4	<1	<10	<1
di-n-butyl phthalate	<3	1	<10	<10	<10	2	1	<10	<1
2,4-dinitrotoluene	65,700	<14	<5.8	<5.9	<5.8	<14	<1	<5.7	<1
2,6-dinitrotoluene	<16	<16	<1.9	<2.0	<1.9	<16	<1	<1.9	<1
di-n-octyl phthalate	<6	<6	<10	<10	<10	<6	<1	<10	<1
1,2-diphenylhydrazine	<10	<10	<10	<10	<10	<10	<1	<10	<1
fluoranthene	<5	<5	<2.2	<2.3	<2.2	<5	<1	<2.2	<1
fluorene	<4	<4	<1.9	<2.0	<1.9	<4	<1	<1.9	<1
hexachlorobenzene	<15	<15	<1.9	<2.0	<1.9	<15	<1	<1.9	<1
hexachlorobutadiene	<13	<13	<0.9	<0.9	<0.9	<13	<1	<0.9	<1
hexachlorocyclopentadiene	<12	<12	<10	<10	<10	<12	<1	<10	<1
hexachloroethane	<10	<10	<1.6	<1.6	<1.6	<10	<1	<1.6	<1
indeno (1,2,3-c,d) pyrene	<7	<7	<4.7	<4.8	<4.8	<7	<1	<4.7	<1
isophorone	<2	<2	<2.2	<2.3	<2.2	<2	<1	<2.2	<1
naphthalene	<2	<2	<1.6	<1.6	<1.6	<2	<1	<1.6	<1
nitrobenzene	<5	<5	3.3	7.9	8.2	<5	<1	<1.9	<1
n-nitrosodimethylamine	<10	<10	<10	<10	<10	<10	<1	<10	<1
n-nitrosodi-n-propylamine	<6	<6	<10	<10	<10	<6	<1	<10	<1
n-nitrosodiphenylamine	<82	<82	<1.9	<2.0	<1.9	<82	<1	<1.9	<1
phenanthrene	<4	<4	<5.5	<5.6	<5.5	<4	<1	<5.4	<1
pyrene	<5	<5	<1.9	<2.0	<1.9	<5	<1	<1.9	<1
1,2,4-trichlorobenzene	<7	<7	<1.9	<2.0	<1.9	1	<1	<1.9	<1
Sub Total I	94309	4	3.3	12.8	13	17	10	21.4	0

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Table E-3. Summary of Base/Neutral Extractable Compounds in Ground Water, Monsanto Company, W.G. Krummrich Plant, Sauget, Il

Well Number:	B-101	B-102	GM-106	GM-106	GM-106	P-1	P-2	P-2	P-6
Date:	9/84**	9/84**	11/85	2/86	2/86*	9/84**	6/84	11/85	6/84
Miscellaneous Base/Neutral Extractable Organic Compounds concentrations are in ug/L									
2-nitroaniline	<25-30	<25-30	<10	<10	<10	<25-30	NA	<10	NA
4-nitroaniline	<25-30	<25-30	<10	<10	<10	<25-30	NA	<10	NA
2-nitrochlorobenzene	<10	<10	598	115	99.9	c)	NA	<10	NA
4-nitrochlorobenzene	<10	<10	108	353	398	c)	NA	<10	NA
2,4-and 3,4-dinitrochlorobenzene	<10	<10	<10	<10	<10	<10	NA	<10	NA
4-nitrodiphenylamine	<10	<10	<10	<10	<10	<10	NA	<10	NA
triphenyl phosphate	<10	<10	<10	<10	<10	<10	NA	<10	NA
2,3,7,8-tetrachloro-dibenzo-p-dioxin	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-nitrobiphenyl	<10	<10	NA	NA	NA	<10	NA	NA	NA
4-nitrobiphenyl	<10	<10	NA	NA	NA	<10	NA	NA	NA
Sub Total 2	0	0	706	468	497.9	0	NA	0	NA
Total Base/Neutral Compounds Analyzed	94309	4	709.3	480.8	510.9	17	10	21.4	0

Table E-3. Summary of Base/Neutral Extractable Compounds in Ground Water, Monsanto Company, W.G. Krummrich Plant, Sauget, Il

Well Number:	P-6	P-7	P-7	P-8	P-8	P-10	P-11	P-12	P-13
Date:	11/85	6/84	11/85	6/84	11/85	9/84**	9/84**	9/84**	6/84
USEPA Priority Pollutant Base/Neutral Extractable Organic Compounds concentrations are in ug/L									
acenaphthene	<2.0	<80	<380	<1	<1.9	<4	<4	<4	<1
acenapthylene	<3.7	<60	<710	<1	<3.5	<3	<3	<3	<1
anthracene	<2.0	<80	<380	<1	<1.9	<4	<4	<4	<1
benzidine	<47	1,940	<8900	1	<44	<60	<60	<60	<1
benzo (a) anthracene	<8.3	<180	<1600	<1	<7.8	<9	<9	<9	<1
benzo (a) pyrene	<2.7	<240	<510	<1	<2.5	<12	<12	<12	<1
benzo (b) fluoroanthene	<5.1	<220	<970	<1	<4.8	<11	<11	<11	<1
benzo (ghi) perylene	<4.4	<280	<830	<1	<4.1	<14	<14	<14	<1
benzo (k) fluoranthene	<3.7	<220	<710	<1	<3.5	<11	<11	<11	<1
bis (2-chloroethoxy) methane	<5.6	<80	<1100	<1	<5.3	<4	<4	<4	<1
bis (2-chloroethyl) ether	<6.1	<80	<1200	<1	<5.7	<4	<4	<4	<1
bis (2-chloroisopropyl) ether	<6.1	<60	<1200	<1	<5.7	<3	<3	<3	<1
bis (2-ethylhexyl) phthalate	<11	21	<2000	19	12.7	3	15	<10	<1
4-bromophenyl phenyl ether	<2	<320	<380	<1	<1.9	<16	<16	<16	<1
butyl benzyl phthalate	<11	<260	<2000	<1	<10	<13	<13	<13	<1
2-chloronaphthalene	<2	<80	<380	<1	<1.9	<4	<4	<4	<1
4-chlorophenyl phenyl ether	<4.5	<180	<850	<1	<4.2	<9	<9	<9	<1
chrysene	<2.7	<180	<510	<1	<2.5	<9	<9	<9	<1
dibenzo (a,h) anthracene	<11	<320	<2000	<1	<10	<16	<16	<16	<1
1,2-dichlorobenzene	<2	73	531	1	45.4	<5	<5	61	<1
1,3-dichlorobenzene	<2	<120	<380	<1	<1.9	<6	<6	<6	<1
1,4-dichlorobenzene	<4.7	64	<890	12	121	<5	74	77	1
3,3-dichlorobenzidine	<18	<3,220	<3300	<1	<17	<161	<161	<161	<1
diethyl phthalate	<11	<80	<2000	<1	<10	<4	<4	<4	<1
dimethyl phthalate	<11	<80	<2000	<1	<10	<4	<4	<4	<1
di-n-butyl phthalate	<11	72	<2000	1	<10	5	6	6	<1
2,4-dinitrotoluene	<6.1	<280	<1200	<1	<5.7	<14	<14	<14	<1
2,6-dinitrotoluene	<2.0	<320	<380	<1	<1.9	<16	<16	<16	<1
di-n-octyl phthalate	<11	<120	<2000	<1	<10	<6	<6	<6	<1
1,2-diphenylhydrazine	<11	<200	<2000	<1	<10	<10	<10	<10	<1
fluoranthene	<2.3	<100	<440	<1	<2.2	<5	<5	<5	<1
fluorene	<2.0	<80	<380	<1	<1.9	<4	<4	<4	<1
hexachlorobenzene	<2.0	<300	<380	<1	<1.9	<15	<15	<15	<1
hexachlorobutadiene	<1.0	<260	<180	<1	<0.9	<13	<13	<13	<1
hexachlorocyclopentadiene	<11	<240	<2000	<1	<10	<12	<12	<12	<1
hexachloroethane	<1.7	<200	<320	<1	<1.6	<10	<10	<10	<1
indeno (1,2,3-c,d) pyrene	<5.0	<140	<950	<1	<4.7	<7	<7	<7	<1
isophorone	<2.3	<40	<440	<1	<2.2	<2	<2	<2	<1
naphthalene	<1.7	<40	<320	<1	<1.6	<2	<2	<2	<1
nitrobenzene	<2.0	<100	714	<1	<1.9	<5	<5	<5	<1
n-nitrosodimethylamine	<11	<200	<2000	<1	<10	<10	<10	<10	<1
n-nitrosodi-n-propylamine	<11	<120	<2000	<1	<10	<6	<6	<6	<1
n-nitrosodiphenylamine	<2.0	<1,640	<380	<1	<1.9	<82	11	<82	<1
phenanthrene	<5.7	<80	<1100	<1	<5.4	<4	<4	<4	<1
pyrene	<2.0	<100	<380	<1	<1.9	<5	<5	<5	<1
1,2,4-trichlorobenzene	<2.0	<140	<380	<1	<1.9	<7	<7	<7	<1
Sub Total 1	0	2170	1245	34	179.1	8	106	144	1

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Table E-3. Summary of Base/Neutral Extractable Compounds in Ground Water, Monsanto Company, W.G. Krummrich Plant, Sauget, Il

Well Number:	P-6	P-7	P-7	P-8	P-8	P-10	P-11	P-12	P-13
Date:	11/85	6/84	11/85	6/84	11/85	9/84**	9/84**	9/84**	6/84
Miscellaneous Base/Neutral Extractable Organic Compounds concentrations are in ug/L									
2-nitroaniline	<11	NA	<2000	NA	<10	<25-30	<25-30	<25-30	NA
4-nitroaniline	<11	NA	<2000	NA	<10	<25-30	<25-30	<25-30	NA
2-nitrochlorobenzene	<11	NA	303,000	NA	<10	<10	<10	<10	NA
4-nitrochlorobenzene	<11	NA	75,000	NA	<10	<10	<10	<10	NA
2,4-and 3,4-dinitrochlorobenzene	<11	NA	<2000	NA	<10	<10	<10	<10	NA
4-nitrodiphenylamine	<11	NA	<2000	NA	<10	<10	<10	<10	NA
triphenyl phosphate	<11	NA	<2000	NA	<10	<10	<10	<10	NA
2,3,7,8-tetrachloro-dibenzo-p-dioxin	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-nitrobiphenyl	NA	NA	NA	NA	NA	<10	<10	<10	NA
4-nitrobiphenyl	NA	NA	NA	NA	NA	<10	<10	<10	NA
Sub Total 2	0	NA	378000	NA	0	0	0	0	NA
Total Base/Neutral Compounds Analyzed	0	2170	379245	34	179.1	8	106	144	1

Table E-3. Summary of Base/Neutral Extractable Compounds in Ground Water, Monsanto Company, W.G. Krummrich Plant, Sauget, Il

Well Number:	P-13	P-13	P-13	P-14	P-14	DW-1	DW-1	DW-4	DW-7
Date:	6/84*	6/84#	11/85	6/84	11/85	9/84**	11/85	9/84**	11/85
USEPA Priority Pollutant Base/Neutral Extractable Organic Compounds concentrations are in ug/L									
acenaphthene	<1	<10	<1.9	<1	<2.0	<4	<1.9	<4	<1.9
acenapthylene	<1	<10	<3.5	<1	<3.6	<3	<3.5	<3	<3.5
anthracene	<1	<10	<1.9	<1	<2.0	<4	<1.9	<4	<1.9
benzidine	<1	<10	<44	<1	<45	<60	<44	<60	<44
benzo (a) anthracene	<1	<10	<7.8	<1	<8.0	<9	<7.8	<9	<7.8
benzo (a) pyrene	<1	<10	<2.5	<1	<2.6	<12	<2.5	<12	<2.5
benzo (b) fluoroanthene	<1	<10	<4.8	<1	<4.9	<11	<4.8	<11	<4.8
benzo (ghi) perylene	<1	<10	<4.1	<1	<4.2	<14	<4.1	<14	<4.1
benzo (k) fluoranthene	<1	<10	<3.5	<1	<3.6	<11	<3.5	<11	<3.5
bis (2-chloroethoxy) methane	<1	<10	<5.3	<1	<5.5	<4	<5.3	<4	<5.3
bis (2-chloroethyl) ether	<1	<10	<5.7	<1	<5.9	<4	<5.7	<4	<5.7
bis (2-chloroisopropyl) ether	<1	<10	<5.7	<1	<5.9	<3	<5.7	<3	<5.7
bis (2-ethylhexyl) phthalate	779	<10	<10	<1	<10	<10	<10	<10	<10
4-bromophenyl phenyl ether	<1	<10	<1.9	<1	<2	<16	<1.9	<16	<1.9
butyl benzyl phthalate	<1	<10	<10	<1	<10	<13	<10	<13	<10
2-chloronaphthalene	<1	<10	<1.9	<1	<2	<4	<1.9	<4	<1.9
4-chlorophenyl phenyl ether	<1	<10	<4.2	<1	<4.3	<9	<4.2	<9	<4.2
chrysene	<1	<10	<2.5	<1	<2.6	<9	<2.5	<9	<2.5
dibenzo (a,h) anthracene	<1	<10	<2.5	<1	<10	<16	<10	<16	<10
1,2-dichlorobenzene	<1	<10	<1.9	2	18.7	<5	195	64	123
1,3-dichlorobenzene	<1	<10	<1.9	<1	<2	<6	35.7	14	16.5
1,4-dichlorobenzene	4	<10	15.9	6	34	124	704	324	370
3,3-dichlorobenzidine	<1	<10	<17	<1	<17	<161	<17	<161	<17
diethyl phthalate	<1	<10	<10	<1	<10	<4	<10	<4	<10
dimethyl phthalate	<1	<10	<10	<1	<10	<4	<10	<4	76.6
di-n-butyl phthalate	16	<10	<10	2	<10	3	<10	3	<10
2,4-dinitrotoluene	<1	<10	<5.7	<1	<5.9	<14	<5.7	<14	<5.7
2,6-dinitrotoluene	<1	<10	<1.9	<1	<2.0	<16	<1.9	<16	<1.9
di-n-octyl phthalate	<1	<10	<10	<1	<10	<6	<10	<6	<10
1,2-diphenylhydrazine	<1	<10	<10	<1	<10	<10	<10	<10	<10
fluoranthene	<1	<10	<2.2	<1	<2.3	<5	<2.2	<5	<2.2
fluorene	<1	<10	<1.9	<1	<2.0	<4	<1.9	<4	<1.9
hexachlorobenzene	<1	<10	<1.9	<1	<2.0	<15	<1.9	<15	<1.9
hexachlorobutadiene	<1	<10	<0.9	<1	<0.9	<13	<0.9	<13	<0.9
hexachlorocyclopentadiene	<1	<10	<10	<1	<10	<12	<10	<12	<10
hexachloroethane	<1	<10	<1.6	<1	<1.6	<10	<1.6	<10	<1.6
indeno (1,2,3-c,d) pyrene	<1	<10	<4.7	<1	<4.8	<7	<4.7	<7	<4.7
isophorone	<1	<10	<2.2	<1	<2 3	<2	<2.2	<2	<2.2
naphthalene	<1	<10	<1.6	<1	2.9	<2	<1.6	<2	<1.6
nitrobenzene	<1	<10	<1.9	<1	<2.0	<5	<1.9	<5	<1.9
n-nitrosodimethylamine	<1	<10	<10	<1	<10	<10	<10	<10	<10
n-nitrosodi-n-propylamine	<1	<10	<10	<1	<10	<6	<10	<6	<10
n-nitrosodiphenylamine	<1	<10	4.9	<1	<2.0	<82	<1.9	6	<1.9
phenanthrene	1	<10	<5.4	<1	<5.6	<4	<5.4	<4	<5.4
pyrene	<1	<10	<1.9	<1	<2.0	<5	<1.9	<5	<1.9
1,2,4-trichlorobenzene	<1	<10	<1.9	<1	<2.0	<7	<1.9	<7	3.4
Sub Total 1	800	0	20.8	10	55.6	127	934.7	411	589.5

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Table E-3. Summary of Base/Neutral Extractable Compounds in Ground Water, Monsanto Company, W.G. Krummrich Plant, Sauget, Il

Well Number:	P-13	P-13	P-13	P-14	P-14	DW-1	DW-1	DW-4	DW-7
Date:	6/84*	6/84*	11/85	6/84	11/85	9/84**	11/85	9/84**	11/85
Miscellaneous Base/Neutral Extractable Organic Compounds concentrations are in ug/L									
2-nitroaniline	NA	NA	<10	NA	<10	<25-30	<10	<25-30	<10
4-nitroaniline	NA	NA	<10	NA	<10	<25-30	<10	<25-30	1,090
2-nitrochlorobenzene	NA	NA	<10	NA	<10	<10	<10	<10	357
4-nitrochlorobenzene	NA	NA	<10	NA	<10	<10	<10	<10	<10
2,4-and 3,4-dinitrochlorobenzene	NA	NA	<10	NA	<10	<10	<10	<10	<10
4-nitrodiphenylamine	NA	NA	<10	NA	<10	<10	<10	<10	<10
triphenyl phosphate	NA	NA	<10	NA	<10	<10	<10	<10	<10
2,3,7,8-tetrachloro-dibenzo-p-dioxin	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-nitrobiphenyl	NA	NA	NA	NA	NA	<10	NA	<10	NA
4-nitrobiphenyl	NA	NA	NA	NA	NA	<10	NA	<10	NA
Sub Total 2	NA	NA	0	0	0	0	0	0	1447
Total Base/Neutral Compounds Analyzed	800	0	20.8	10	55.6	127	934.7	411	2036.5

Table E-3. Summary of Base/Neutral Extractable Compounds in Ground Water, Monsanto Company, W.G. Krummrich Plant, Sauget, Il

Well Number:	GM-25B	GM-27B	GM-27B	GM-27B	GM-27C	GM-27C	GM-27C	GM-28B	GM-28B
Date:	11/85	9/84**	11/85	2/86	9/84**	11/85	2/86	9/84**	11/85
USEPA Priority Pollutant Base/Neutral Extractable Organic Compounds concentrations are in ug/L									
acenaphthene	<3.7	<4	<1.9	<2.0	<4	<1.9	<1.9	<4	<2.0
acenapthylene	<6.9	<3	<3.5	<3.6	<3	<3.5	<3.6	<3	<3.8
anthracene	<3.7	<4	<1.9	<2.0	<4	<1.9	<1.9	<4	<2.0
benzidine	<86	<60	<44	<45	<60	<44	<45	<60	<47
benzo (a) anthracene	<15	<9	<7.8	<8	<9	<7.8	<8	<9	<8.4
benzo (a) pyrene	<4.9	<12	<2.5	<2.6	<12	<2.5	<2.6	<12	<2.7
benzo (b) fluoroanthene	<9.4	<11	<4.8	<4.9	<11	<4.8	<4.9	<11	<5.2
benzo (ghi) perylene	<8.0	<14	<4.1	<4.2	<14	<4.1	<4.2	<14	<4.4
benzo (k) fluoranthene	<6.9	<11	<3.5	<3.6	<11	<3.5	<3.6	<11	<3.8
bis (2-chloroethoxy) methane	<10	<4	<5.3	<5.5	<4	<5.3	<5.4	<4	<5.7
bis (2-chloroethyl) ether	<11	<4	<5.7	<5.9	<4	<5.7	<5.8	<4	<6.1
bis (2-chloroisopropyl) ether	<11	<3	<5.7	<5.9	<3	<5.7	<5.8	<3	<6.1
bis (2-ethylhexyl) phthalate	36.3	9	<10	11.7	4	54	<10	11	<11
4-bromophenyl phenyl ether	<3.7	<16	<1.9	<2	<16	<1.9	<1.9	<16	<2.0
butyl benzyl phthalate	<20	<13	<10	<10	<13	<10	<10	<13	<11
2-chloronaphthalene	<3.7	<4	<1.9	<2	<4	<1.9	<1.9	<4	<2.0
4-chlorophenyl phenyl ether	<8.2	<9	<4.2	<4.3	<9	<4.2	<4.3	<9	<4.5
chrysene	<4.9	<9	<2.5	<2.6	<9	<2.5	<2.6	<9	<2.7
dibenzo (a,h) anthracene	<20	<16	<10	<10	<16	<10	<10	<16	<11
1,2-dichlorobenzene	<3.7	3	2.6	<2	3	72.8	103	<5	102
1,3-dichlorobenzene	<3.7	<6	<1.9	<2	<6	5.5	3.1	<6	<2.0
1,4-dichlorobenzene	<8.6	11	13.3	27.6	2	52	76.5	127	18.8
3,3-dichlorobenzidine	<32	<161	<17	<17	<161	<17	<17	<161	<18
diethyl phthalate	<20	<4	<10	<10	<4	<10	<10	<4	<11
dimethyl phthalate	<20	<4	<10	<10	<4	<10	<10	<4	<11
di-n-butyl phthalate	<20	6	<10	<10	8	<10	<10	7	<11
2,4-dinitrotoluene	<11	<14	<5.7	<5.9	<14	<5.7	<5.8	<14	<6.1
2,6-dinitrotoluene	<3.7	<16	<1.9	<2.0	<16	<1.9	<1.9	<16	<2.0
di-n-octyl phthalate	<20	<6	<10	<10	<6	<10	<10	<6	<11
1,2-diphenylhydrazine	<20	<10	<10	<10	<10	<10	<10	<10	<11
fluoranthene	<4.3	<5	<2.2	<2.3	<5	<2.2	<2.2	<5	<2.4
fluorene	<3.7	<4	<1.9	<2.0	<4	<1.9	<1.9	<4	<2.0
hexachlorobenzene	<3.7	<15	<1.9	<2.0	<15	<1.9	<1.9	<15	<2.0
hexachlorobutadiene	<1.8	<13	<0.9	<0.9	<13	<0.9	<0.9	<13	<1
hexachlorocyclopentadiene	<20	<12	<10	<10	<12	<10	<10	<12	<11
hexachloroethane	<3.1	<10	<1.6	<1.6	<10	<1.6	<1.6	<10	<1.7
indeno (1,2,3-c,d) pyrene	<9.2	<7	<4.7	<4.8	<7	<4.7	<4.8	<7	<5.1
isophorone	<4.3	<2	<2.2	<2.3	<2	<2.2	<2.2	<2	<2.4
naphthalene	<3.1	<2	<1.6	<1.6	<2	5.2	<1.6	<2	2.3
nitrobenzene	<3.7	<5	<1.9	<2.0	<5	<1.9	<1.9	<5	<2.0
n-nitrosodimethylamine	<20	<10	<10	<10	<10	<10	<10	<10	<11
n-nitrosodi-n-propylamine	<20	<6	<10	<10	<6	<10	<10	<6	<11
n-nitrosodiphenylamine	<3.7	<82	<1.9	<2.0	<82	<1.9	<1.9	<82	<2.0
phenanthrene	<11	<4	<5.4	<5.6	<4	<5.4	<5.5	<4	<5.8
pyrene	<3.7	<5	<1.9	<2.0	<5	<1.9	<1.9	<5	<2.0
1,2,4-trichlorobenzene	<3.7	<7	<1.9	<2.0	<7	<1.9	<1.9	<7	<10.5
Sub total 1	36.3	29	15.9	39.3	17	189.5	182.6	145	123.1

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Table E-3. Summary of Base/Neutral Extractable Compounds in Ground Water, Monsanto Company, W.G. Krummrich Plant, Sauget, Il

Well Number:	GM-25B	GM-27B	GM-27B	GM-27B	GM-27C	GM-27C	GM-27C	GM-28B	GM-28B
Date:	11/85	9/84**	11/85	2/86	9/84**	11/85	2/86	9/84**	11/85
Miscellaneous Base/Neutral Extractable Organic Compounds concentrations are in ug/L									
2-nitroaniline	<20	<25-30	<10	<10	<25-30	<10	<10	<25-30	<11
4-nitroaniline	<20	<25-30	<10	<10	<25-30	<10	<10	<25-30	<11
2-nitrochlorobenzene	<20	<10	<10	<10	<10	<10	<10	<10	<11
4-nitrochlorobenzene	<20	<10	<10	<10	<10	<10	<10	<10	<11
2,4-and 3,4-dinitrochlorobenzene	<20	<10	<10	<10	<10	<10	<10	<10	<11
4-nitrodiphenylamine	<20	<10	<10	<10	<10	<10	<10	<10	<11
triphenyl phosphate	<20	<10	<10	<10	<10	<10	<10	<10	<11
2,3,7,8-tetrachloro-dibenzo-p-dioxin	NA	<0.001	NA	NA	NA	NA	NA	<0.0016	NA
2-nitrobiphenyl	NA	<10	NA	NA	<10	NA	NA	<10	NA
4-nitrobiphenyl	NA	<10	NA	NA	<10	NA	NA	<10	NA
Sub Total 2	0	0	0	0	0	0	0	0	0
Total Base/Neutral Compounds Analyzed	36.3	29	15.9	39.3	17	189.5	182.6	145	123.1

Table E-3. Summary of Base/Neutral Extractable Compounds in Ground Water, Monsanto Company, W.G. Krummrich Plant, Sauget, Il

Well Number:	DW-7	DW-10	DW-18	DW-18	DW-18	DW-23	DW-24	DW-24	DW-29
Date:	2/86	9/84**	9/84**	9/84*	11/85	9/84**	9/84**	9/84*	9/84**
USEPA Priority Pollutant Base/Neutral Extractable Organic Compounds concentrations are in ug/L									
acenaphthene	<1.9	<4	<4	NA	<2.0	<4	<4	<4	<4
acenapthylene	<3.6	<3	<3	NA	<3.7	<3	<3	<3	<3
anthracene	<1.9	<4	<4	NA	<2.0	<4	<4	<4	<4
benzidine	<45	<60	<60	NA	<46	<60	<60	<60	<60
benzo (a) anthracene	<8	<9	<9	NA	<8.2	<9	<9	<9	<9
benzo (a) pyrene	<2.6	<12	<12	NA	<2.6	<12	<12	<12	<12
benzo (b) fluoroanthene	<4.9	<11	<11	NA	<5.1	<11	<11	<11	<11
benzo (ghi) perylene	<4.2	<14	<14	NA	<4.3	<14	<14	<14	<14
benzo (k) fluoranthene	<3.6	<11	<11	NA	<3.7	<11	<11	<11	<11
bis (2-chloroethoxy) methane	<5.4	<4	<4	NA	<5.6	<4	<4	<4	<4
bis (2-chloroethyl) ether	<5.8	<4	<4	NA	<6.0	<4	<4	<4	<4
bis (2-chloroisopropyl) ether	<5.8	<3	<3	NA	<6.0	<3	<3	<3	<3
bis (2-ethylhexyl) phthalate	<10	<10	<10	NA	<11	188	<10	<10	<10
4-bromophenyl phenyl ether	<1.9	<16	<16	NA	<2	<16	<16	<16	<16
butyl benzyl phthalate	<10	<13	<13	NA	<11	<13	<13	<13	<13
2-chloronaphthalene	<1.9	<4	<4	NA	<2	<4	<4	<4	<4
4-chlorophenyl phenyl ether	<4.3	<9	<9	NA	<4.4	<9	<9	<9	<9
chrysene	<2.6	<9	<9	NA	<2.6	<9	<9	<9	<9
dibenzo (a,h) anthracene	<10	<16	<16	NA	<11	<16	<16	<16	<16
1,2-dichlorobenzene	20.7	965	1	NA	23.8	<5	<5	<5	<5
1,3-dichlorobenzene	<1.9	<6	<6	NA	<2	<6	<6	<6	<6
1,4-dichlorobenzene	37.9	<5	3	NA	71.9	<5	<5	<5	<5
3,3-dichlorobenzidine	<17	<161	<161	NA	<17	<161	<161	<161	<161
diethyl phthalate	<10	<4	<4	NA	<11	<4	<4	<4	<4
dimethyl phthalate	15.7	<4	<4	NA	<11	<4	<4	<4	<4
di-n-butyl phthalate	<10	<3	1	NA	<11	1	2	<3	3
2,4-dinitrotoluene	<5.8	<14	<14	NA	<6.0	<14	<14	<14	<14
2,6-dinitrotoluene	<1.9	<16	<16	NA	<2.0	<16	<16	<16	<16
di-n-octyl phthalate	<10	<6	<6	NA	<11	<6	<6	<6	<6
1,2-diphenylhydrazine	<10	<10	<10	NA	<11	<10	<10	<10	<10
fluoranthene	<2.2	<5	<5	NA	<2.3	<5	<5	<5	<5
fluorene	<1.9	<4	<4	NA	<2.0	<4	<4	<4	<4
hexachlorobenzene	<1.9	<15	<15	NA	<2.0	<15	<15	<15	<15
hexachlorobutadiene	<0.9	<13	<13	NA	<1.0	<13	<13	<13	<13
hexachlorocyclopentadiene	<10	<12	<12	NA	<11	<12	<12	<12	<12
hexachloroethane	<1.6	<10	<10	NA	<1.7	<10	<10	<10	<10
indeno (1,2,3-c,d) pyrene	<4.8	<7	<7	NA	<4.9	<7	<7	<7	<7
isophorone	<2.2	<2	<2	NA	<2.3	<2	<2	<2	<2
naphthalene	<1.6	<2	<2	NA	7.0	<2	<2	<2	<2
nitrobenzene	<1.9	<5	<5	NA	<2.0	<5	<5	<5	<5
n-nitrosodimethylamine	<10	<10	<10	NA	<11	<10	<10	<10	<10
n-nitrosodi-n-propylamine	<10	<6	<6	NA	<11	<6	<6	<6	<6
n-nitrosodiphenylamine	<1.9	42	<82	NA	3.7	<82	<82	<82	<82
phenanthrene	<5.5	<4	<4	NA	<5.7	<4	<4	<4	<4
pyrene	<1.9	<5	<5	NA	<2.0	<5	<5	<5	<5
1,2,4-trichlorobenzene	<1.9	<7	<7	NA	<2.0	<7	<7	<7	<7
Sub Total	74.3	1007	5	NA	106.4	189	2		3

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Table E-3. Summary of Base/Neutral Extractable Compounds in Ground Water, Monsanto Company, W.G. Krummrich Plant, Sauget, Il

Well Number:	DW-7	DW-10	DW-18	DW-18	DW-18	DW-23	DW-24	DW-24	DW-29
Date:	2/86	9/84**	9/84**	9/84*	11/85	9/84**	9/84**	9/84*	9/84**
Miscellaneous Base/Neutral Extractable Organic Compounds concentrations are in ug/L									
2-nitroaniline	<10	<25-30	<25-30	NA	<11	<25-30	<25-30	<25-30	<25-30
4-nitroaniline	138	<25-30	<25-30	NA	<11	<25-30	<25-30	<25-30	<25-30
2-nitrochlorobenzene	<10	d)	<10	NA	<11	<10	<10	<10	<10
4-nitrochlorobenzene	<10	d)	<10	NA	<11	<10	<10	<10	<10
2,4-and 3,4-dinitrochlorobenzene	<10	<10	<10	NA	<11	<10	<10	<10	<10
4-nitrodiphenylamine	<10	<10	<10	NA	<11	<10	<10	<10	<10
triphenyl phosphate	<10	<10	<10	NA	<11	<10	<10	<10	<10
2,3,7,8-tetrachloro-dibenzo-p-dioxin	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-nitrobiphenyl	NA	<10	<10	NA	NA	<10	<10	<10	<10
4-nitrobiphenyl	NA	<10	<10	NA	NA	<10	<10	<10	<10
Sub Total 2	138	0	0	NA	0	0	0	0	0
Total Base/Neutral Compounds Analyzed	212.3	1007	5	NA	106.4	189	2	0	3

Table E-3. Summary of Base/Neutral Extractable Compounds in Ground Water, Monsanto Company, W.G. Krummrich Plant, Sauget, Il

Well Number:	DW-29	DW-30	DW-33	DW-34	DW-34	DW-34	DW-1-85	DW-1-85	BK-3
Date:	9/84*	11/85	9/84**	9/84**	11/85	2/86	11/85	2/86	9/84**
USEPA Priority Pollutant Base/Neutral Extractable Organic Compounds concentrations are in ug/L									
acenaphthene	NA	<2.0	<4	<4	<3.8	<1.9	<3.8	<2.0	<4
acenapthylene	NA	<3.6	<3	<3	<7.0	<3.5	<7.0	<3.7	<3
anthracene	NA	<2.0	<4	<4	<3.8	<1.9	<3.8	<2.0	<4
benzidine	NA	<45	<60	<60	<88	<44	<88	<47	<60
benzo (a) anthracene	NA	<8.0	<9	<9	<16	<7.9	<16	<8.3	<9
benzo (a) pyrene	NA	<2.6	<12	<12	<5.0	<2.5	<5.0	<2.7	<12
benzo (b) fluoroanthene	NA	<4.9	<11	<11	<9.6	<4.8	<9.6	<5.1	<11
benzo (ghi) perylene	NA	<4.2	<14	<14	<8.2	<4.1	<8.2	<4.4	<14
benzo (k) fluoranthene	NA	<3.6	<11	<11	<7.0	<3.5	<7.0	<3.7	<11
bis (2-chloroethoxy) methane	NA	<5.5	<4	<4	<11	<5.4	<11	<5.6	<4
bis (2-chloroethyl) ether	NA	<5.9	<4	<4	<11	<5.8	<11	<6.1	<4
bis (2-chloroisopropyl) ether	NA	<5.9	<3	<3	<11	<5.8	<11	<6.1	<3
bis (2-ethylhexyl) phthalate	NA	<10	1	1	<20	<10	<20	<11	<10
4-bromophenyl phenyl ether	NA	<2	<16	<16	<3.8	<1.9	<3.8	<2	<16
butyl benzyl phthalate	NA	<10	<13	<13	<20	<10	<20	<11	<13
2-chloronaphthalene	NA	<2	<4	<4	<3.8	<1.9	<3.8	<2	<4
4-chlorophenyl phenyl ether	NA	<4.3	<9	<9	<8.4	<4.2	<8.4	<4.5	<9
chrysene	NA	<2.6	<9	<9	<5.0	<2.5	<5.0	<2.7	<9
dibenzo (a,h) anthracene	NA	<10	<16	<16	<20	<10	<20	<11	<16
1,2-dichlorobenzene	NA	8.4	<5	2	<3.8	<1.9	47.5	12.6	27
1,3-dichlorobenzene	NA	<2	<6	3	<3.8	<1.9	22.3	6.2	17
1,4-dichlorobenzene	NA	<4.5	<5	<5	<3.8	<4.4	515	255	128
3,3-dichlorobenzidine	NA	<17	<161	<161	<33	<17	<33	<18	<161
diethyl phthalate	NA	<10	<4	3	<20	<10	<20	<11	<4
dimethyl phthalate	NA	<10	<4	<4	<20	<10	<20	<11	<4
di-n-butyl phthalate	NA	<10	3	2	<20	<10	<20	<11	3
2,4-dinitrotoluene	NA	<5.9	<14	<14	<11	<5.8	<11	<6.1	<14
2,6-dinitrotoluene	NA	<2.0	<16	<16	<3.8	<1.9	<3.8	<2.0	<16
di-n-octyl phthalate	NA	<10	<6	<6	<20	<10	<20	<11	<6
1,2-diphenylhydrazine	NA	<10	<10	<10	<20	<10	<20	<11	<10
fluoranthene	NA	<2.3	<5	<5	<4.4	<2.2	<4.4	<2.3	<5
fluorene	NA	<2.0	<4	<4	<3.8	<1.9	<3.8	<2.0	<4
hexachlorobenzene	NA	<2.0	<15	<15	<3.8	<1.9	<3.8	<2.0	<15
hexachlorobutadiene	NA	<0.9	<13	<13	<1.8	<0.9	<1.8	<1.0	<13
hexachlorocyclopentadiene	NA	<10	<12	<12	<20	<10	<20	<11	<12
hexachloroethane	NA	<1.6	<10	<10	<3.2	<1.6	<3.2	<1.7	<10
indeno (1,2,3-c,d) pyrene	NA	<4.8	<7	<7	<9.4	<4.7	<9.4	<5	<7
isophorone	NA	<2.3	<2	<2	<4.4	<2.2	<4.4	<2.3	<2
naphthalene	NA	<1.6	<2	<2	<3.2	<1.6	<3.2	<1.7	<2
nitrobenzene	NA	<2.0	<5	<5	<3.8	<1.9	<3.8	<2.0	<5
n-nitrosodimethylamine	NA	<10	<10	<10	<20	<10	<20	<11	<10
n-nitrosodi-n-propylamine	NA	<10	<6	<6	<20	<10	<20	<11	<6
n-nitrosodiphenylamine	NA	<2.0	<82	<82	<3.8	<1.9	<3.8	<2.0	2
phenanthrene	NA	<5.6	<4	<4	<11	<5.5	<11	<5.7	<4
pyrene	NA	<2.0	<5	<5	<3.8	<1.9	<3.8	<2.0	<5
1,2,4-trichlorobenzene	NA	<2.0	<7	<7	<3.8	<1.9	<3.8	<2.0	<7
Sub Total 1	NA	8.4	4	11	0	0	584.8	273.8	177

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Table E-3. Summary of Base/Neutral Extractable Compounds in Ground Water, Monsanto Company, W.G. Krummrich Plant, Sauget, Il

Well Number:	DW-29	DW-30	DW-33	DW-34	DW-34	DW-34	DW-1-85	DW-1-85	BK-3
Date:	9/84*	11/85	9/84**	9/84**	11/85	2/86	11/85	2/86	9/84**
Miscellaneous Base/Neutral Extractable Organic Compounds concentrations are in ug/L									
2-nitroaniline	NA	<10	<25-30	<25-30	<20	<10	<20	<11	<25-30
4-nitroaniline	NA	<10	<25-30	<25-30	<20	<10	<20	<11	<25-30
2-nitrochlorobenzene	NA	<10	<10	<10	<20	<10	<20	<11	<10
4-nitrochlorobenzene	NA	38.8	<10	<10	<20	<10	<20	<11	<10
2,4-and 3,4-dinitrochlorobenzene	NA	<10	<10	<10	<20	<10	<20	<11	<10
4-nitrodiphenylamine	NA	<10	<10	<10	<20	<10	<20	<11	<10
triphenyl phosphate	NA	<10	<10	<10	<20	<10	<20	<11	<10
2,3,7,8-tetrachloro-dibenzo-p-dioxin	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-nitrobiphenyl	NA	NA	<10	<10	NA	NA	NA	NA	<10
4-nitrobiphenyl	NA	NA	<10	<10	NA	NA	NA	NA	<10
Sub Total 2	NA	38.8	0	0	0	0	0	0	0
Total Base/Neutral Compounds Analyzed	NA	47.2	4	11	0	0	584.8	273.8	177

Table E-3. Summary of Base/Neutral Extractable Compounds in Ground Water, Monsanto Company, W.G. Krummrich Plant, Sauget, Il

Well Number:	GM-5	GM-6A	GM-6A	GM-6A	GM-6B	GM-6B	GM-6B	GM-7	GM-7
Date:	5/84	11/83	5/84	11/84	9/84**	11/84	11/85	11/83	5/84
USEPA Priority Pollutant Base/Neutral Extractable Organic Compounds concentrations are in ug/L									
acenaphthene	<1	<1	<1	<10	<4	<10	<1.9	<1	<1
acenapthylene	<1	<1	<1	<10	<3	<10	<3.5	<1	<1
anthracene	<1	<1	<1	<10	<4	<10	<1.9	<1	<1
benzidine	<1	<1	<1	<10	<60	<10	<44	<1	<1
benzo (a) anthracene	<1	<1	<1	<10	<9	<10	<7.8	<1	<1
benzo (a) pyrene	<1	<1	<1	<10	<12	<10	<2.5	<1	<1
benzo (b) fluoroanthene	<1	<1	<1	<10	<11	<10	<4.8	<1	<1
benzo (ghi) perylene	<1	<1	<1	<10	<14	<10	<4.1	<1	<1
benzo (k) fluoranthene	<1	<1	<1	<10	<11	<10	<3.5	<1	<1
bis (2-chloroethoxy) methane	<1	<1	<1	<10	<4	<10	<5.3	<1	<1
bis (2-chloroethyl) ether	<1	<1	<1	<10	<4	<10	<5.7	<1	<1
bis (2-chloroisopropyl) ether	<1	<1	<1	<10	<3	<10	<5.7	<1	<1
bis (2-ethylhexyl) phthalate	<1	<1	5	<10	12	<10	<10	1	2
4-bromophenyl phenyl ether	<1	<1	<1	<10	<16	<10	<1.9	<1	<1
butyl benzyl phthalate	<1	<1	<1	<10	<13	<10	<10	<1	<1
2-chloronaphthalene	<1	<1	<1	<10	<4	<10	<1.9	<1	<1
4-chlorophenyl phenyl ether	<1	<1	<1	<10	<9	<10	<4.2	<1	<1
chrysene	<1	<1	<1	<10	<9	<10	<2.5	<1	<1
dibenzo (a,h) anthracene	<1	<1	<1	<10	<16	<10	<10	<1	<1
1,2-dichlorobenzene	<1	<1	<1	<10	37	25	31.5	<1	<1
1,3-dichlorobenzene	<1	<1	<1	<10	<6	<10	10	<1	<1
1,4-dichlorobenzene	<1	<1	<1	<10	55	24	161	<1	<1
3,3-dichlorobenzidine	<1	<1	<1	<10	<161	<10	<17	<1	<1
diethyl phthalate	1	<1	1	<10	<4	<10	<10	<1	2
dimethyl phthalate	<1	<1	<1	<10	<4	<10	<10	<1	<1
di-n-butyl phthalate	1	2	2	<10	2	<10	<10	2	3
2,4-dinitrotoluene	<1	<1	<1	<10	<14	<10	<5.7	<1	<1
2,6-dinitrotoluene	<1	<1	<1	<10	<16	<10	<1.9	<1	<1
di-n-octyl phthalate	<1	<1	<1	<10	<6	<10	<10	<1	<1
1,2-diphenylhydrazine	<1	<1	<1	<10	<10	<10	<10	<1	<1
fluoranthene	<1	<1	<1	<10	<5	<10	<2.2	<1	<1
fluorene	<1	<1	<1	<10	<4	<10	<1.9	<1	<1
hexachlorobenzene	<1	<1	<1	<10	<15	<10	<1.9	<1	<1
hexachlorobutadiene	<1	<1	<1	<10	<13	<10	<0.9	<1	<1
hexachlorocyclopentadiene	<1	<1	<1	<10	<12	<10	<10	<1	<1
hexachloroethane	<1	<1	<1	<10	<10	<10	<1.6	<1	<1
indeno (1,2,3-c,d) pyrene	<1	<1	<1	<10	<7	<10	<4.7	<1	<1
isophorone	<1	<1	<1	<10	<2	<10	<2.2	<1	<1
naphthalene	<1	<1	<1	<10	<2	<10	<1.6	<1	<1
nitrobenzene	<1	<1	<1	<10	<5	<10	<1.9	<1	<1
n-nitrosodimethylamine	<1	<1	<1	<10	<10	<10	<10	<1	<1
n-nitrosodi-n-propylamine	<1	<1	<1	<10	<6	<10	<10	<1	<1
n-nitrosodiphenylamine	<1	<1	<1	<10	15	<10	<1.9	<1	<1
phenanthrene	1	<1	<1	<10	<4	<10	<5.4	<1	<1
pyrene	<1	<1	<1	<10	<5	<10	<1.9	<1	<1
1,2,4-trichlorobenzene	<1	<1	<1	<10	<7	<10	<1.9	<1	<1
Sub Total 1	3	2	8	0	121	49	202.5	3	7

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Table E-3. Summary of Base/Neutral Extractable Compounds in Ground Water, Monsanto Company, W.G. Krummrich Plant, Sauget, Il

Well Number:	GM-5	GM-6A	GM-6A	GM-6A	GM-6B	GM-6B	GM-6B	GM-7	GM-7
Date:	5/84	11/83	5/84	11/84	9/84**	11/84	11/85	11/83	5/84
Miscellaneous Base/Neutral Extractable Organic Compounds concentrations are in ug/L									
2-nitroaniline	NA	NA	NA	<10	<25-30	<10	<10	NA	NA
4-nitroaniline	NA	NA	NA	<10	<25-30	<10	<10	NA	NA
2-nitrochlorobenzene	NA	NA	NA	<10	<10	<10	<10	NA	NA
4-nitrochlorobenzene	NA	NA	NA	<10	<10	<10	<10	NA	NA
2,4-and 3,4-dinitrochlorobenzene	NA	NA	NA	<10	<10	<10	<10	NA	NA
4-nitrodiphenylamine	NA	NA	NA	<10	<10	<10	<10	NA	NA
triphenyl phosphate	NA	NA	NA	<10	<10	<10	<10	NA	NA
2,3,7,8-tetrachloro-dibenzo-p-dioxin	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-nitrobiphenyl	NA	NA	NA	NA	<10	NA	NA	NA	NA
4-nitrobiphenyl	NA	NA	NA	NA	<10	NA	NA	NA	NA
Sub Total 2	NA	NA	NA	0	0	0	0	NA	NA
Total Base/Neutral Compounds Analyzed	3	2	8	0	121	49	202.5	3	7

Table E-3. Summary of Base/Neutral Extractable Compounds in Ground Water, Monsanto Company, W.G. Krummrich Plant, Sauget, Il

Well Number:	GM-8	GM-8	GM-8	GM-8	GM-8	GM-9A	GM-9A	GM-9B	GM-9B
Date:	11/83	5/84	11/84	2/85	11/85	11/83	5/84	9/84**	5/85
Miscellaneous Base/Neutral Extractable Organic Compounds concentrations are in ug/L									
2-nitroaniline	NA	NA	<10	<10	<11	NA	NA	<25-30	<10
4-nitroaniline	NA	NA	<10	<10	<11	NA	NA	<25-30	<10
2-nitrochlorobenzene	NA	NA	<10	<10	<10.5	NA	NA	<10	<10
4-nitrochlorobenzene	NA	NA	<10	<10	<10.5	NA	NA	<10	<10
2,4-and 3,4-dinitrochlorobenzene	NA	NA	<10	<10	<10.5	NA	NA	<10	<10
4-nitrodiphenylamine	NA	NA	<10	<10	<10.5	NA	NA	<10	<10
triphenyl phosphate	NA	NA	<10	<10	<10.5	NA	NA	<10	<10
2,3,7,8-tetrachloro-dibenzo-p-dioxin	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-nitrobiphenyl	NA	NA	<25	<25	<10.5	NA	NA	<10	NA
4-nitrobiphenyl	NA	NA	<25	<25	<10.5	NA	NA	<10	NA
Sub Total 2	NA	NA	0	0	0	NA	NA	0	0
Total Base/Neutral Compounds Analyzed	10	8	0	2.2	0	72	91	123	0.5

Table E-3. Summary of Base/Neutral Extractable Compounds in Ground Water, Monsanto Company, W.G. Krummrich Plant, Sauget, Il

Well Number:	GM-8	GM-8	GM-8	GM-8	GM-8	GM-9A	GM-9A	GM-9B	GM-9B
Date:	11/83	5/84	11/84	2/85	11/85	11/83	5/84	9/84**	5/85
USEPA Priority Pollutant Base/Neutral Extractable Organic Compounds concentrations are in ug/L									
acenaphthene	<1	<1	<10	<1.9	<2.0	<1	<1	<4	<1.9
acenapthylene	<1	<1	<10	<3.5	<3.7	<1	<1	<3	<3.5
anthracene	<1	<1	<10	<1.9	<2.0	<1	<1	<4	<1.9
benzidine	<1	<1	<10	<44	<46	<1	<1	<60	<44
benzo (a) anthracene	<1	<1	<10	<7.8	<8.2	<1	<1	<9	<7.8
benzo (a) pyrene	<1	<1	<10	<2.5	<2.6	<1	<1	<12	<2.5
benzo (b) fluoroanthene	<1	<1	<10	<4.8	<5.1	<1	<1	<11	<4.8
benzo (ghi) perylene	<1	<1	<10	<4.1	<4.3	<1	<1	<14	<4.1
benzo (k) fluoranthene	<1	<1	<10	<2.5	<3.7	<1	<1	<11	<2.5
bis (2-chloroethoxy) methane	<1	<1	<10	<5.3	<5.6	<1	<1	<4	<5.3
bis (2-chloroethyl) ether	<1	<1	<10	<5.7	<6.0	<1	<1	<4	<5.7
bis (2-chloroisopropyl) ether	<1	<1	<10	<5.7	<6.0	<1	<1	<3	<6
bis (2-ethylhexyl) phthalate	1	3	<10	<10	<11	<1	3	89	<10
4-bromophenyl phenyl ether	<1	<1	<10	<1.9	<2	<1	<1	<16	<1.9
butyl benzyl phthalate	<1	<1	<10	<10	<11	<1	14	<13	<10
2-chloronaphthalene	<1	<1	<10	<1.9	<2	<1	<1	<4	<1.9
4-chlorophenyl phenyl ether	<1	<1	<10	<4.2	<4.4	<1	<1	<9	<4.2
chrysene	<1	<1	<10	<2.5	<2.6	<1	<1	<9	<2.5
dibenzo (a,h) anthracene	<1	<1	<10	<2.5	<11	<1	<1	<16	<2.5
1,2-dichlorobenzene	<1	<1	<10	<1.9	<2	33	30	30	<1.9
1,3-dichlorobenzene	<1	<1	<10	<1.9	<2	<1	2	<6	<1.9
1,4-dichlorobenzene	<1	<1	<10	<4.4	<4.6	38	40	<5	0.5
3,3-dichlorobenzidine	<1	<1	<10	<16.5	<17	<1	<1	<161	<16.5
diethyl phthalate	<1	1	<10	<10	<11	<1	<1	<4	<10
dimethyl phthalate	<1	<1	<10	<10	<11	<1	<1	<4	<10
di-n-butyl phthalate	1	3	<10	<10	<11	1	2	4	<10
2,4-dinitrotoluene	<1	<1	<10	<5.7	<6.0	<1	<1	<14	<5.7
2,6-dinitrotoluene	<1	<1	<10	<1.9	<2.0	<1	<1	<16	<1.9
di-n-octyl phthalate	<1	<1	<10	<10	<11	<1	<1	<6	<10
1,2-diphenylhydrazine	<1	<1	<10	<10	<11	<1	<1	<10	<10
fluoranthene	<1	<1	<10	<2.2	<2.3	<1	<1	<5	<2.2
fluorene	<1	<1	<10	<1.9	<2	<1	<1	<4	<1.9
hexachlorobenzene	<1	<1	<10	<1.9	<2	<1	<1	<15	<1.9
hexachlorobutadiene	<1	<1	<10	<0.9	<1	<1	<1	<13	<0.9
hexachlorocyclopentadiene	<1	<1	<10	<10	<11	<1	<1	<12	<10
hexachloroethane	<1	<1	<10	<1.6	<1.7	<1	<1	<10	<1.6
indeno (1,2,3-c,d) pyrene	<1	<1	<10	<3.7	<4.9	<1	<1	<7	<3.7
isophorone	<1	<1	<10	<2.2	<2.3	<1	<1	<2	<2.2
naphthalene	<1	<1	<10	<1.6	<1.7	<1	<1	<2	<1.6
nitrobenzene	8	1	<10	<2.2	<2	<1	<1	<5	<1.9
n-nitrosodimethylamine	<1	<1	<10	<10	<11	<1	<1	<10	<10
n-nitrosodi-n-propylamine	<1	<1	<10	<10	<11	<1	<1	<6	<10
n-nitrosodiphenylamine	<1	<1	<10	<1.9	<2	<1	<1	<82	<1.9
phenanthrene	<1	<1	<10	<5.4	<5.7	<1	<1	<4	<5.4
pyrene	<1	<1	<10	<1.9	<2	<1	<1	<5	<1.9
1,2,4-trichlorobenzene	<1	<1	<10	<1.9	<2	<1	<1	<7	<1.9
Sub Total I	10	8	0	2.2	0	72	91	123	0.5

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Table E-3. Summary of Base/Neutral Extractable Compounds in Ground Water, Monsanto Company, W.G. Krummrich Plant, Sauget, Il

Well Number:	GM-9B	GM-9C	GM-9C	GM-9C	GM-10A	GM-10A	GM-10B	GM-10B	GM-10C
Date:	11/85	9/84**	5/85	11/85	11/83	5/84	2/85	5/85	2/85
Miscellaneous Base/Neutral Extractable Organic Compounds concentrations are in ug/L									
2-nitroaniline	<11	<25-30	<10	<11	NA	NA	<10	<10	<10
4-nitroaniline	<11	<25-30	<10	<11	NA	NA	<10	<10	<10
2-nitrochlorobenzene	<10.5	<10	<10	<10.8	NA	NA	<10	<10	<10
4-nitrochlorobenzene	<10.5	<10	<10	<10.8	NA	NA	<10	<10	<10
2,4-and 3,4-dinitrochlorobenzene	<10.5	<10	<10	<10.8	NA	NA	<10	<10	<10
4-nitrodiphenylamine	<10.5	<10	<10	<10.8	NA	NA	<10	<10	<10
triphenyl phosphate	<10.5	<10	<10	<10.8	NA	NA	<10	<10	<10
2,3,7,8-tetrachloro-dibenzo-p-dioxin	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-nitrobiphenyl	NA	<10	NA	NA	NA	NA	NA	NA	NA
4-nitrobiphenyl	NA	<10	NA	NA	NA	NA	NA	NA	NA
Sub Total 2	0	0	0	0	NA	NA	0	0	0
Total Base/Neutral Compounds Analyzed	0	75	59.5	54.5	2	8	1295.6	235.5	31

Table E-3. Summary of Base/Neutral Extractable Compounds in Ground Water, Monsanto Company, W.G. Krummrich Plant, Sauget, Il

Well Number:	GM-9B	GM-9C	GM-9C	GM-9C	GM-10A	GM-10A	GM-10B	GM-10B	GM-10C
Date:	11/85	9/84**	5/85	11/85	11/83	5/84	2/85	5/85	2/85
USEPA Priority Pollutant Base/Neutral Extractable Organic Compounds concentrations are in ug/L									
acenaphthene	<2.0	<4	2.2	<2.1	<1	<1	<2.1	<1.9	<1.9
acenapthylene	<3.7	<3	<3.5	<3.8	<1	<1	<3.8	<3.5	<3.5
anthracene	<2.0	<4	<1.9	<2.1	<1	<1	<2.1	<1.9	<1.9
benzidine	<46	<60	<44	<48	<1	<1	<48.4	<44	<44
benzo (a) anthracene	<8.2	<9	<7.8	<8.4	<1	<1	<8.6	<7.8	<7.8
benzo (a) pyrene	<2.6	<12	<2.5	<2.7	<1	<1	<2.8	<2.5	<2.5
benzo (b) fluoroanthene	<5.1	<11	<4.8	<5.2	<1	<1	<5.3	<4.8	<4.8
benzo (ghi) perylene	<4.3	<14	<4.1	<4.4	<1	<1	<4.5	<4.1	<4.1
benzo (k) fluoranthene	<3.7	<11	<2.5	<3.8	<1	<1	<2.8	<2.5	<2.5
bis (2-chloroethoxy) methane	<5.6	<4	<5.3	<5.7	<1	<1	<5.8	<5.3	<5.3
bis (2-chloroethyl) ether	<6.0	<4	<5.7	<6.2	<1	<1	<6.3	<5.7	<5.7
bis (2-chloroisopropyl) ether	<6.0	<3	<6.0	<6.2	<1	<1	<6.3	<6.0	<5.7
bis (2-ethylhexyl) phthalate	<11	8	<10	<11	<1	4	<11	<10	<10
4-bromophenyl phenyl ether	<2	<16	<1.9	<2.1	<1	<1	<2.1	<1.9	<1.9
butyl benzyl phthalate	<11	<13	<10	<11	1	<1	<11	<10	<10
2-chloronaphthalene	<2	<4	<1.9	<2.1	<1	<1	<2.1	<1.9	<1.9
4-chlorophenyl phenyl ether	<4.4	<9	<4.2	<4.5	<1	<1	<4.6	<4.2	<4.2
chrysene	<2.6	<9	<2.5	<2.7	<1	<1	<2.8	<2.5	<2.5
dibenzo (a,h) anthracene	<11	<16	<2.5	<11	<1	<1	<2.8	<2.5	<2.5
1,2-dichlorobenzene	<2	<5	5.0	4.4	<1	<1	55.7	13.5	4.9
1,3-dichlorobenzene	<2	64	2.4	<2.1	<1	<1	156	34	4
1,4-dichlorobenzene	<4.6	<5	49.9	50	<1	<1	1,080	188	22.1
3,3-dichlorobenzidine	<17	<161	<16.5	<18	<1	<1	<18.2	<16.5	<16.5
diethyl phthalate	<11	<4	<10	<11	<1	1	<11	<10	<10
dimethyl phthalate	<11	<4	<10	<11	<1	<1	<11	<10	<10
di-n-butyl phthalate	<11	3	<10	<11	1	3	<11	<10	<10
2,4-dinitrotoluene	<6.0	<14	<5.7	<6.2	<1	<1	<6.3	<5.7	<5.7
2,6-dinitrotoluene	<2.0	<16	<1.9	<2.1	<1	<1	<2.1	<1.9	<1.9
di-n-octyl phthalate	<11	<6	<10	<11	<1	<1	<11	<10	<10
1,2-diphenylhydrazine	<11	<10	<10	<11	<1	<1	<11	<10	<10
fluoranthene	<2.3	<5	<2.2	<2.4	<1	<1	<2.4	<2.2	<2.2
fluorene	<2	<4	<1.9	<2.1	<1	<1	<2.1	<1.9	<1.9
hexachlorobenzene	<2	<15	<1.9	<2.1	<1	<1	<2.1	<1.9	<1.9
hexachlorobutadiene	<0.95	<13	<0.9	<0.9	<1	<1	<1	<0.9	<0.9
hexachlorocyclopentadiene	<11	<12	<10	<11	<1	<1	<10	<10	<10
hexachloroethane	<1.7	<10	<1.6	<1.7	<1	<1	<1.8	<1.6	<1.6
indeno (1,2,3-c,d) pyrene	<4.9	<7	<3.7	<5.1	<1	<1	<4.1	<3.7	<3.7
isophorone	<2.3	<2	<2.2	<2.4	<1	<1	<2.4	<2.2	<2.2
naphthalene	<1.7	<2	<1.6	<1.7	<1	<1	<1.8	<1.6	<1.6
nitrobenzene	<2	<5	<1.9	<2	<1	<1	<2.1	<1.9	<1.9
n-nitrosodimethylamine	<11	<10	<10	<11	<1	<1	<11	<10	<10
n-nitrosodi-n-propylamine	<11	<6	<10	<11	<1	<1	<11	<10	<10
n-nitrosodiphenylamine	<2	<82	<2.0	<2.1	<1	<1	3.9	<1.9	<1.9
phenanthrene	<5.7	<4	<5.4	<5.8	<1	<1	<5.9	<5.4	<5.4
pyrene	<2	<5	<1.9	<2.1	<1	<1	<2.1	<1.9	<1.9
1,2,4-trichlorobenzene	<2	<7	<1.9	<2.1	<1	<1	<2.1	<1.9	<1.9
Sub Total I	0	75	59.5	54.5	2	8	1295.6	235.5	31

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Table E-3. Summary of Base/Neutral Extractable Compounds in Ground Water, Monsanto Company, W.G. Krummrich Plant, Sauget, Il

Well Number:	GM-10C	GM-11	GM-11	GM-12A	GM-12A	GM-12A	GM-12A	GM-12A	GM-12A
Date:	5/85	11/83	5/84	11/83	11/83*	5/84	5/84*	11/84	11/84*
USEPA Priority Pollutant Base/Neutral Extractable Organic Compounds concentrations are in ug/L									
acenaphthene	<1.9	<1	<1	<1	<1	<1	<1	<10	<10
acenapthylene	<3.5	<1	<1	<1	<1	<1	<1	<10	<10
anthracene	<1.9	<1	<1	<1	<1	<1	<1	<10	<10
benzidine	<44	<1	<1	<1	<1	<1	<1	<10	<10
benzo (a) anthracene	<7.8	<1	<1	<1	<1	<1	<1	<10	<10
benzo (a) pyrene	<2.5	<1	<1	<1	<1	<1	<1	<10	<10
benzo (b) fluoroanthene	<4.8	<1	<1	<1	<1	<1	<1	<10	<10
benzo (ghi) perylene	<4.1	<1	<1	<1	<1	<1	<1	<10	<10
benzo (k) fluoranthene	<2.5	<1	<1	<1	<1	<1	<1	<10	<10
bis (2-chloroethoxy) methane	<5.3	<1	<1	<1	<1	<1	<1	<10	<10
bis (2-chloroethyl) ether	<5.7	<1	<1	<1	<1	<1	<1	<10	<10
bis (2-chloroisopropyl) ether	<6.0	<1	<1	<1	<1	<1	<1	<10	<10
bis (2-ethylhexyl) phthalate	<10	<1	<1	<1	<1	211	2	<10	<10
4-bromophenyl phenyl ether	<1.9	<1	<1	<1	<1	<1	<1	<10	<10
butyl benzyl phthalate	<10	<1	3	<1	<1	<1	<1	<10	<10
2-chloronaphthalene	<1.9	<1	<1	<1	<1	<1	<1	<10	<10
4-chlorophenyl phenyl ether	<4.2	<1	<1	<1	<1	<1	<1	<10	<10
chrysene	<2.5	<1	<1	<1	<1	<1	<1	<10	<10
dibenzo (a,h) anthracene	<2.5	<1	<1	<1	<1	<1	<1	<10	<10
1,2-dichlorobenzene	4.3	<1	<1	366	357	344	364	539	473
1,3-dichlorobenzene	3	<1	<1	<1	<1	<1	<1	<10	<10
1,4-dichlorobenzene	15.3	<1	<1	<1	<1	<1	1	<10	<10
3,3-dichlorobenzidine	<16.5	<1	<1	<1	<1	<1	<1	<10	<10
diethyl phthalate	<10	<1	1	<1	<1	2	2	<10	<10
dimethyl phthalate	<10	<1	<1	<1	<1	<1	<1	<10	<10
di-n-butyl phthalate	<10	1	2	2	1	3	3	<10	<10
2,4-dinitrotoluene	<5.7	<1	<1	<1	<1	<1	<1	<10	<10
2,6-dinitrotoluene	<1.9	<1	<1	<1	<1	<1	<1	<10	<10
di-n-octyl phthalate	<10	<1	<1	<1	<1	<1	<1	<10	<10
1,2-diphenylhydrazine	<10	<1	<1	<1	<1	<1	<1	<10	<10
fluoranthene	<2.2	<1	<1	<1	<1	<1	<1	<10	<10
fluorene	<1.9	<1	<1	<1	<1	<1	<1	<10	<10
hexachlorobenzene	<1.9	<1	<1	<1	<1	<1	<1	<10	<10
hexachlorobutadiene	<0.9	<1	<1	<1	<1	<1	<1	<10	<10
hexachlorocyclopentadiene	<10	<1	<1	<1	<1	<1	<1	<10	<10
hexachloroethane	<1.6	<1	<1	<1	<1	<1	<1	<10	<10
indeno (1,2,3-c,d) pyrene	<3.7	<1	<1	<1	<1	<1	<1	<10	<10
isophorone	<2.2	<1	<1	<1	<1	<1	<1	<10	<10
naphthalene	<1.6	<1	<1	<1	<1	4	4	<10	<10
nitrobenzene	<1.9	<1	<1	<1	<1	<1	<1	<10	<10
n-nitrosodimethylamine	<10	<1	<1	<1	<1	<1	<1	<10	<10
n-nitrosodi-n-propylamine	<10	<1	<1	<1	<1	<1	<1	<10	<10
n-nitrosodiphenylamine	<1.9	<1	<1	<1	<1	<1	<1	<10	<10
phenanthrene	<5.4	<1	<1	<1	<1	<1	<1	<10	<10
pyrene	<1.9	<1	<1	<1	<1	<1	<1	<10	<10
1,2,4-trichlorobenzene	<1.9	<1	<1	<1	<1	<1	<1	<10	<10
Sub Total 1	22.6	1	6	368	358	564	376	539	473

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Table E-3. Summary of Base/Neutral Extractable Compounds in Ground Water, Monsanto Company, W.G. Krummrich Plant, Sauget, Il

Well Number:	GM-10C	GM-11	GM-11	GM-12A	GM-12A	GM-12A	GM-12A	GM-12A	GM-12A
Date:	5/85	11/83	5/84	11/83	11/83*	5/84	5/84*	11/84	11/84*
Miscellaneous Base/Neutral Extractable Organic Compounds concentrations are in ug/L									
2-nitroaniline	<10	NA	NA	NA	NA	NA	NA	<10	<10
4-nitroaniline	<10	NA	NA	NA	NA	NA	NA	<10	<10
2-nitrochlorobenzene	<10	NA	NA	NA	NA	NA	NA	<10	<10
4-nitrochlorobenzene	<10	NA	NA	NA	NA	NA	NA	<10	<10
2,4-and 3,4-dinitrochlorobenzene	<10	NA	NA	NA	NA	NA	NA	<10	<10
4-nitrodiphenylamine	<10	NA	NA	NA	NA	NA	NA	<10	<10
triphenyl phosphate	<10	NA	NA	NA	NA	NA	NA	<10	<10
2,3,7,8-tetrachloro-dibenzo-p-dioxin	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-nitrobiphenyl	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-nitrobiphenyl	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sub Total 2	0	NA	NA	NA	NA	NA	NA	0	0
Total Base/Neutral Compounds Analyzed	22.6	1	6	368	358	564	376	539	473

Table E-3. Summary of Base/Neutral Extractable Compounds in Ground Water, Monsanto Company, W.G. Krummrich Plant, Sauget, Il

Well Number:	GM-12A	GM-12A	GM-12A	GM-12A	GM-12A	GM-12A	GM-12A	GM-12A	GM-12B
Date:	2/85	2/85*	5/85	5/85*	11/85	11/85*	2/86	2/86*	9/84**
USEPA Priority Pollutant Base/Neutral Extractable Organic Compounds concentrations are in ug/L									
acenaphthene	<1.9	<1.9	<1.9	<1.9	<2.0	<2.0	<2.0	<1.9	<4
acenapthylene	<3.5	<3.5	<3.5	<3.5	<3.7	<3.7	<3.7	<3.5	<3
anthracene	<1.9	<1.9	<1.9	<1.9	<2.0	<2.0	<2.0	<1.9	<4
benzidine	<44	<44	<44	<44	<46	<46	<47	<44	<60
benzo (a) anthracene	<7.8	<7.8	<7.8	<7.8	<8.2	<8.2	<8.3	<7.9	<9
benzo (a) pyrene	<2.5	<2.5	<2.5	<2.5	<2.6	<2.6	<2.7	<2.5	<12
benzo (b) fluoroanthene	<4.8	<4.8	<4.8	<4.8	<5.1	<5.1	<5.1	<4.8	<11
benzo (ghi) perylene	<4.1	<4.1	<4.1	<4.1	<4.3	<4.3	<4.4	<4.1	<14
benzo (k) fluoranthene	<2.5	<2.5	<2.5	<2.5	<3.7	<3.7	<3.7	<3.5	<11
bis (2-chloroethoxy) methane	<5.3	<5.3	<5.3	<5.3	<5.6	<5.6	<5.6	<5.4	<4
bis (2-chloroethyl) ether	<5.7	<5.7	<5.7	<5.7	<6.0	<6.0	<6.1	<5.8	<4
bis (2-chloroisopropyl) ether	<5.7	<5.7	<5.7	<5.7	<6.0	<6.0	<6.1	<5.8	<3
bis (2-ethylhexyl) phthalate	<10	434	<10	13.8	<11	<11	<11	<10	<10
4-bromophenyl phenyl ether	<1.9	<1.9	<1.9	<1.9	<2	<2	<2	<1.9	<16
butyl benzyl phthalate	<10	<10	<10	<10	<11	<11	<11	<10	<13
2-chloronaphthalene	<1.9	<1.9	<1.9	<1.9	<2	<2	<2	<1.9	<4
4-chlorophenyl phenyl ether	<4.2	<4.2	<4.2	<4.2	<4.4	<4.4	<4.5	<4.2	<9
chrysene	<2.5	<2.5	<2.5	<2.5	<2.6	<2.6	<2.7	<2.5	<9
dibenzo (a,h) anthracene	<2.5	<2.5	<2.5	<2.5	<11	<11	<11	<10	<16
1,2-dichlorobenzene	295	213	164.4	201	235	250	248	255	3
1,3-dichlorobenzene	<1.9	<1.9	<1.9	<1.9	<2	<2	<2	<1.9	<6
1,4-dichlorobenzene	<4.4	<4.4	<4.4	<4.4	<4.6	<4.6	<4.7	<4.4	<5
3,3-dichlorobenzidine	<16.5	<16.5	<16.5	<16.5	<17	<17	<18	<17	<161
diethyl phthalate	<10	<10	<10	<10	<11	<11	<11	<10	2
dimethyl phthalate	<10	<10	<10	<10	<11	<11	<11	<10	<4
di-n-butyl phthalate	<10	<10	<10	<10	<11	<11	<11	<10	<3
2,4-dinitrotoluene	<5.7	<5.7	<5.7	<5.7	<6.0	<6.0	<6.1	<5.8	<14
2,6-dinitrotoluene	<1.9	<1.9	<1.9	<1.9	<2.0	<2.0	<2.0	<1.9	<16
di-n-octyl phthalate	<10	<10	<10	<10	<11	<11	<11	<10	<6
1,2-diphenylhydrazine	<10	<10	<10	<10	<11	<11	<11	<10	<10
fluoranthene	<2.2	<2.2	<2.2	<2.2	<2.3	<2.3	<2.3	<2.2	<5
fluorene	<1.9	<1.9	<1.9	<1.9	<2.0	<2.0	<2.0	<1.9	<4
hexachlorobenzene	<1.9	<1.9	<1.9	<1.9	<2.0	<2.0	<2.0	<1.9	<15
hexachlorobutadiene	<0.9	<0.9	<0.9	<0.9	<0.95	<0.95	<1	<0.9	<13
hexachlorocyclopentadiene	<10	<10	<10	<10	<11	<11	<11	<10	<12
hexachloroethane	<1.6	<1.6	<1.6	<1.6	<1.7	<1.7	<1.7	<1.6	<10
indeno (1,2,3-c,d) pyrene	<3.7	<3.7	<3.7	<3.7	<4.9	<4.9	<5	<4.7	<7
isophorone	<2.2	<2.2	<2.2	<2.2	<2.3	<2.3	<2.3	<2.2	<2
naphthalene	1.8	1.9	1.8	2.3	<1.7	<1.7	<1.7	<1.6	<2
nitrobenzene	<1.9	<1.9	<1.9	<1.9	<2.0	<2.0	<2.0	<1.9	<5
n-nitrosodimethylamine	<10	<10	<10	<10	<11	<11	<11	<10	<10
n-nitrosodi-n-propylamine	<10	<10	<10	<10	<11	<11	<11	<10	<6
n-nitrosodiphenylamine	<1.9	<1.9	<1.9	<1.9	<2.0	<2.0	<2.0	<1.9	<82
phenanthrene	<5.4	<5.4	<5.4	<5.4	<5.7	<5.7	<5.7	<5.5	<4
pyrene	<1.9	<1.9	<1.9	<1.9	<2.0	<2.0	<2.0	<1.9	<5
1,2,4-trichlorobenzene	<1.9	<1.9	<1.9	<1.9	<2.0	<2.0	<2.0	<1.9	2
Sub Total I	296.8	648.9	166.2	217.1	235	250	248	255	7

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Table E-3. Summary of Base/Neutral Extractable Compounds in Ground Water, Monsanto Company, W.G. Krummrich Plant, Sauget, Il

Well Number:	GM-12A	GM-12A	GM-12A	GM-12A	GM-12A	GM-12A	GM-12A	GM-12A	GM-12B
Date:	2/85	2/85*	5/85	5/85*	11/85	11/85*	2/86	2/86*	9/84**
Miscellaneous Base/Neutral Extractable Organic Compounds concentrations are in ug/L									
2-nitroaniline	<10	<10	<10	<10	<11	<11	<11	<10	<25-30
4-nitroaniline	<10	<10	<10	<10	<11	<11	<11	<10	<25-30
2-nitrochlorobenzene	<10	<10	<10	<10	<10.5	<10.5	<11	<10	<10
4-nitrochlorobenzene	<10	<10	<10	<10	<10.5	<10.5	<11	<10	<10
2,4-and 3,4-dinitrochlorobenzene	<10	<10	<10	<10	<10.5	<10.5	<11	<10	<10
4-nitrodiphenylamine	<10	<10	<10	<10	<10.5	<10.5	<11	<10	<10
triphenyl phosphate	<10	<10	<10	<10	<10.5	<10.5	<11	<10	<10
2,3,7,8-tetrachloro-dibenzo-p-dioxin	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-nitrobiphenyl	NA	NA	NA	NA	NA	NA	NA	NA	<10
4-nitrobiphenyl	NA	NA	NA	NA	NA	NA	NA	NA	<10
Sub Total 2	0	0	0	0	0	0	0	0	0
Total Base/Neutral Compounds Analyzed	296.8	648.9	166.2	217.1	235	250	248	255	7

Table E-3. Summary of Base/Neutral Extractable Compounds in Ground Water, Monsanto Company, W.G. Krummrich Plant, Sauget, Il

Well Number:	B-25B	B-27B	B-27B	B-28A	B-29A	B-29A	B-29B	B-29B	B-29B
Date:	11/85	9/84**	9/84*	2/86	6/84	11/85	6/84	6/84*	6/84#
USEPA Priority Pollutant Base/Neutral Extractable Organic Compounds concentrations are in ug/L									
acenaphthene	<2.0	NA	NA	<2.0	<80	<3.7	<800	<80	<100
acenapthylene	<3.7	NA	NA	<3.7	<60	<6.9	<600	<60	<100
anthracene	<2.0	NA	NA	<2.0	<80	<3.7	<800	<80	<100
benzidine	<47	NA	NA	<47	<1,200	<86	<12,000	<1,200	<100
benzo (a) anthracene	<8.3	NA	NA	<8.3	<180	<15	<1,800	<180	<100
benzo (a) pyrene	<2.7	NA	NA	<2.7	<240	<4.9	<2,400	<240	<100
benzo (b) fluoroanthene	<5.1	NA	NA	<5.1	<220	<9.4	<2,200	<220	<100
benzo (ghi) perylene	<4.4	NA	NA	<4.4	<280	<8.0	<2,800	<280	<100
benzo (k) fluoranthene	<3.7	NA	NA	<3.7	<220	<6.9	<2,200	<220	<100
bis (2-chloroethoxy) methane	<5.6	NA	NA	<5.6	<80	<10	<800	<80	<100
bis (2-chloroethyl) ether	<6.1	NA	NA	<6.1	<80	<11	<800	<80	<100
bis (2-chloroisopropyl) ether	<6.1	NA	NA	<6.1	<60	<11	<600	<60	<100
bis (2-ethylhexyl) phthalate	<11	NA	NA	<11	<200	<20	591	<200	<100
4-bromophenyl phenyl ether	<2	NA	NA	<2	<320	<3.7	<3,200	<320	<100
butyl benzyl phthalate	<11	NA	NA	<11	<260	<20	<2,600	<260	<100
2-chloronaphthalene	<2	NA	NA	<2	<80	<3.7	<800	<80	<100
4-chlorophenyl phenyl ether	<4.5	NA	NA	<4.5	<180	<8.2	<1,800	<180	<100
chrysene	<2.7	NA	NA	<2.7	<180	<4.9	<1,800	<180	<100
dibenzo (a,h) anthracene	<11	NA	NA	<11	<320	<20	<3,200	<320	<100
1,2-dichlorobenzene	124	NA	NA	<2	<100	221	1,070	<100	13,500
1,3-dichlorobenzene	2.7	NA	NA	<2	<120	24	<1,200	<120	<100
1,4-dichlorobenzene	31	NA	NA	<4.7	<100	73.1	<1,000	240	<100
3,3-dichlorobenzidine	<18	NA	NA	<18	<3,220	<33.3	<32,200	<3,220	<100
diethyl phthalate	<11	NA	NA	<11	<80	<20	<800	<80	<100
dimethyl phthalate	<11	NA	NA	<11	<80	<20	<800	<80	<100
di-n-butyl phthalate	<11	NA	NA	<11	127	<20	304	<60	<100
2,4-dinitrotoluene	<6.1	NA	NA	<6.1	<280	<11	<2,800	<280	<100
2,6-dinitrotoluene	<2.0	NA	NA	<2.0	<320	<3.7	<3,200	<320	<100
di-n-octyl phthalate	<11	NA	NA	<11	<120	<20	<1,200	<120	<100
1,2-diphenylhydrazine	<11	NA	NA	<11	<200	<20	<2,000	<200	<100
fluoranthene	<2.3	NA	NA	<2.3	<100	<4.3	<1,000	<100	<100
fluorene	<2.0	NA	NA	<2.0	<80	<3.7	<800	<80	<100
hexachlorobenzene	<2.0	NA	NA	<2.0	<300	<3.7	<3,000	<300	<100
hexachlorobutadiene	<1	NA	NA	<1	<260	<1.8	<2,600	<260	<100
hexachlorocyclopentadiene	<11	NA	NA	<11	<240	<20	<2,400	<240	<100
hexachloroethane	<1.7	NA	NA	<1.7	<200	<3.1	<2,000	<200	<100
indeno (1,2,3-c,d) pyrene	<5.0	NA	NA	<5.0	<140	<9.2	<1,400	<140	<100
isophorone	<2.3	NA	NA	<2.3	<40	27.5	<400	<40	<100
naphthalene	31.7	NA	NA	<1.7	<40	<3.1	<400	11,600	<100
nitrobenzene	4,030	NA	NA	<2.0	<100	1,650	<1,000	<100	<100
n-nitrosodimethylamine	<11	NA	NA	<11	<200	<20	<2,000	<200	<100
n-nitrosodi-n-propylamine	<11	NA	NA	<11	<120	<20	<1,200	<120	<100
n-nitrosodiphenylamine	<2.0	NA	NA	<2.0	<1,640	<3.7	<16,400	<1,640	<100
phenanthrene	<5.7	NA	NA	<5.7	<80	<11	<800	<80	<100
pyrene	<2.0	NA	NA	<2.0	<100	<3.7	<1,000	<100	<100
1,2,4-trichlorobenzene	37.8	NA	NA	<2.0	<140	25.5	<1,400	<140	<100
Sub Total 1	4257.2	NA	NA	0	127	2021.1	1965	11840	13500

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Table E-3. Summary of Base/Neutral Extractable Compounds in Ground Water, Monsanto Company, W.G. Krummrich Plant, Sauget, Il

Well Number:	GM-12B	GM-12B	GM-12C	GM-12C	GM-12C	GM-12C	GM-13	GM-13	GM-13
Date:	11/84	11/85	2/85	2/85*	5/85	5/85*	9/84**	11/85	2/86
USEPA Priority Pollutant Base/Neutral Extractable Organic Compounds concentrations are in ug/L									
acenaphthene	<10	<2.0	<1.9	<1.9	<1.9	<1.9	<4	<42	<100
acenapthylene	<10	<3.7	<3.5	<3.5	<3.5	<3.5	<3	<77	<180
anthracene	<10	<2.0	<1.9	<1.9	<1.9	<1.9	<4	<42	<100
benzidine	<10	<46	<44	<44	<44	<44	<60	<970	<2300
benzo (a) anthracene	<10	<8.2	<7.8	<7.8	<7.8	<7.8	<9	<170	<410
benzo (a) pyrene	<10	<2.6	<2.5	<2.5	<2.5	<2.5	<12	<55	<130
benzo (b) fluoroanthene	<10	<5.1	<4.8	<4.8	<4.8	<4.8	<11	<110	<250
benzo (ghi) perylene	<10	<4.3	<4.1	<4.1	<4.1	<4.1	<14	<90	<220
benzo (k) fluoranthene	<10	<3.7	<2.5	<2.5	<2.5	<2.5	<11	<77	<180
bis (2-chloroethoxy) methane	<10	<5.6	<5.3	<5.3	<5.3	<5.3	<4	<120	<280
bis (2-chloroethyl) ether	<10	<6.0	<5.7	<5.7	<5.7	<5.7	<4	<130	<300
bis (2-chloroisopropyl) ether	<10	<6.0	<5.7	<5.7	<5.7	<5.7	<3	<130	<300
bis (2-ethylhexyl) phthalate	10	<11	<10	<10	<10	<10	<10	<220	<530
4-bromophenyl phenyl ether	<10	<2	<1.9	<1.9	<1.9	<1.9	<16	<42	<100
butyl benzyl phthalate	<10	<11	<10	<10	<10	<10	<13	<220	<530
2-chloronaphthalene	<10	<2	<1.9	<1.9	<1.9	<1.9	<4	<42	<100
4-chlorophenyl phenyl ether	<10	<4.4	<4.2	<4.2	<4.2	<4.2	<9	<92	<220
chrysene	<10	<2.6	<2.5	<2.5	<2.5	<2.5	<9	<55	<130
dibenzo (a,h) anthracene	<10	<11	<2.5	<2.5	<2.5	<2.5	<16	<220	<530
1,2-dichlorobenzene	<10	74.2	124	97.4	54	49.7	347	3,630	4,020
1,3-dichlorobenzene	<10	27.8	<2	<1.9	<1.9	<1.9	<6	97.3	126
1,4-dichlorobenzene	<10	27.1	<4	<4.4	<4.4	<4.4	31	1,310	2,260
3,3-dichlorobenzidine	<10	<17	<16.5	<16.5	<16.5	<16.5	<161	<360	<870
diethyl phthalate	<10	<11	<10	<10	<10	<10	<4	<220	<530
dimethyl phthalate	<10	<11	<10	<10	<10	<10	<4	<220	<530
di-n-butyl phthalate	<10	<11	<10	<10	<10	<10	<3	<220	<530
2,4-dinitrotoluene	<10	<6.0	<5.7	<5.7	<5.7	<5.7	<14	<130	<300
2,6-dinitrotoluene	<10	<2.0	<1.9	<1.9	<1.9	<1.9	<16	<42	<100
di-n-octyl phthalate	<10	<11	<10	<10	<10	<10	<6	<220	<530
1,2-diphenylhydrazine	<10	<11	<10	<10	<10	<10	<10	<220	<530
fluoranthene	<10	<2.3	<2.2	<2.2	<2.2	<2.2	<5	<48	<120
fluorene	<10	<2.0	<1.9	<1.9	<1.9	<1.9	<4	<42	<100
hexachlorobenzene	<10	<2.0	<1.9	<1.9	<1.9	<1.9	<15	<42	<100
hexachlorobutadiene	<10	<1	<0.9	<0.9	<0.9	<0.9	<13	<20	<47
hexachlorocyclopentadiene	<10	<11	<10	<10	<10	<10	<12	<220	<530
hexachloroethane	<10	<1.7	<1.6	<1.6	<1.6	<1.6	<10	<35	<84
indeno (1,2,3-c,d) pyrene	<10	<4.9	<3.7	<3.7	<3.7	<3.7	11	<100	<250
isophorone	<10	<2.3	<2.2	<2.2	<2.2	<2.2	<2	<48	<120
naphthalene	<10	<1.7	4.1	3.1	<1.6	1.8	<2	<35	<84
nitrobenzene	<10	<2.0	<1.9	<1.9	<1.9	<1.9	<5	<42	<100
n-nitrosodimethylamine	<10	<11	<10	<10	<10	<10	<10	<220	<530
n-nitrosodi-n-propylamine	<10	<11	<10	<10	<10	<10	<6	<220	<530
n-nitrosodiphenylamine	<10	<2.0	<1.9	<1.9	<1.9	<1.9	18	<42	<100
phenanthrene	<10	<5.7	<5.4	<5.4	<5.4	<5.4	<4	<120	<280
pyrene	<10	<2.0	<1.9	<1.9	<1.9	<1.9	<5	<42	<100
1,2,4-trichlorobenzene	<10	<2.0	<1.9	<1.9	<1.9	<1.9	18	<42	<100
Sub Total 1	10	129.1	128.1	100.5	54	51.5	425	5037.3	6406

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Table E-3. Summary of Base/Neutral Extractable Compounds in Ground Water, Monsanto Company, W.G. Krummrich Plant, Sauget, Il

Well Number:	GM-12B	GM-12B	GM-12C	GM-12C	GM-12C	GM-12C	GM-13	GM-13	GM-13
Date:	11/84	11/85	2/85	2/85*	5/85	5/85*	9/84**	11/85	2/86
Miscellaneous Base/Neutral Extractable Organic Compounds concentrations are in ug/L									
2-nitroaniline	<10	21.5	<10	<10	<10	<10	<25-30	771	<530
4-nitroaniline	<10	<11	<10	<10	<10	<10	<25-30	346	<530
2-nitrochlorobenzene	<10	<10.5	<10	<10	<10	<10	<10	<220	<530
4-nitrochlorobenzene	<10	23.7	<10	<10	<10	<10	<10	1,290	<530
2,4-and 3,4-dinitrochlorobenzene	<10	<10.5	<10	<10	<10	<10	<10	<220	<530
4-nitrodiphenylamine	<10	<10.5	<10	<10	<10	<10	<10	<220	<530
triphenyl phosphate	<10	<10.5	<10	<10	<10	<10	<10	<220	<530
2,3,7,8-tetrachloro-dibenzo-p-dioxin	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-nitrobiphenyl	NA	NA	NA	NA	NA	NA	<10	NA	NA
4-nitrobiphenyl	NA	NA	NA	NA	NA	NA	<10	NA	NA
Sub Total 2	0	45.2	0	0	0	0	0	2407	0
Total Base/Neutral Compounds Analyzed	10	174.3	128.1	100.5	54	51.5	425	7444.3	6406

Table E-3. Summary of Base/Neutral Extractable Compounds in Ground Water, Monsanto Company, W.G. Krummrich Plant, Sauget, Il

Well Number:	GM-14	GM-15	GM-16A	GM-16A	GM-16A	GM-16B	GM-16B	GM-16B	GM-17A
Date:	9/84**	9/84**	9/84**	5/85	11/85	9/84**	5/85	11/85	9/84
USEPA Priority Pollutant Base/Neutral Extractable Organic Compounds concentrations are in ug/L									
acenaphthene	NA	<4	<4	<1.9	<1.9	<4	1.9	<2.0	<4
acenapthylene	NA	<3	<3	<3.5	<3.6	<3	<3.5	<3.8	<3
anthracene	NA	<4	<4	<1.9	<1.9	<4	<1.9	<2.0	<4
benzidine	NA	<60	<60	<44	<45	<60	<44	<47	<60
benzo (a) anthracene	NA	<9	<9	<7.8	<8.0	<9	<7.8	<8.4	<9
benzo (a) pyrene	NA	<12	<12	<2.5	<2.6	<12	<2.5	<2.7	<12
benzo (b) fluoroanthene	NA	<11	<11	<4.8	<4.9	<11	<4.8	<5.2	<11
benzo (ghi) perylene	NA	<14	<14	<4.1	<4.2	<14	<4.1	<4.4	<14
benzo (k) fluoranthene	NA	<11	<11	<2.5	<3.6	<11	<2.5	<3.8	<11
bis (2-chloroethoxy) methane	NA	<4	<4	<5.3	<5.4	<4	<5.3	<5.7	<4
bis (2-chloroethyl) ether	NA	<4	<4	<5.7	<5.8	<4	<5.7	<6.1	<4
bis (2-chloroisopropyl) ether	NA	<3	<3	<6.0	<5.8	<3	<5.7	<6.1	<3
bis (2-ethylhexyl) phthalate	NA	<10	6	<10	<10	8	<10	24.7	2
4-bromophenyl phenyl ether	NA	<16	<16	<1.9	<1.9	<16	<1.9	<2	<16
butyl benzyl phthalate	NA	<13	<13	<10	<10	<13	<10	<11	<13
2-chloronaphthalene	NA	<4	<4	<1.9	<1.9	<4	<1.9	<2	<4
4-chlorophenyl phenyl ether	NA	<9	<9	<4.2	<4.3	<9	<4.2	<4.5	<9
chrysene	NA	<9	<9	<2.5	<2.6	<9	<2.5	<2.7	<9
dibenzo (a,h) anthracene	NA	<16	<16	<2.5	<10	<16	<2.5	<11	<16
1,2-dichlorobenzene	NA	185	<5	<1.9	<1.9	<5	<1.9	<2	<5
1,3-dichlorobenzene	NA	35	<6	<1.9	<1.9	<6	<1.9	<2	<6
1,4-dichlorobenzene	NA	<5	<5	<4.4	<4.5	<5	<4.4	<4.7	6
3,3-dichlorobenzidine	NA	<161	<161	<16.5	<17	<161	<16.5	<18	<161
diethyl phthalate	NA	1	<4	<10	<10	<4	<10	<11	<4
dimethyl phthalate	NA	<4	<4	<10	<10	<4	<10	<11	<4
di-n-butyl phthalate	NA	3	3	<10	<10	2	<10	<11	5
2,4-dinitrotoluene	NA	<14	<14	<5.7	<5.8	<14	<5.7	<6.1	<14
2,6-dinitrotoluene	NA	<16	<16	<1.9	<1.9	<16	<1.9	<2.0	<16
di-n-octyl phthalate	NA	<6	<6	<10	<10	<6	<10	<11	<6
1,2-diphenylhydrazine	NA	<10	<10	<10	<10	<10	<10	<11	<10
fluoranthene	NA	<5	<5	<2.2	<2.2	<5	<2.2	<2.4	<5
fluorene	NA	<4	<4	<1.9	<1.9	<4	<1.9	<2.0	<4
hexachlorobenzene	NA	<15	<15	<1.9	<1.9	<15	<1.9	<2.0	<15
hexachlorobutadiene	NA	<13	<13	<0.9	<0.9	<13	<0.9	<0.97	<13
hexachlorocyclopentadiene	NA	<12	<12	<10	<10	<12	<10	<11	<12
hexachloroethane	NA	<10	<10	<1.6	<1.6	<10	<1.6	<1.7	<10
indeno (1,2,3-c,d) pyrene	NA	<7	<7	<3.7	<4.8	<7	<3.7	<5.1	<7
isophorone	NA	<2	<2	<2.2	<2.2	<2	<2.2	<2.4	<2
naphthalene	NA	<2	<2	<1.6	<1.6	<2	<1.6	<1.7	<2
nitrobenzene	NA	8	<5	<1.9	<1.9	<5	<1.9	<2.0	<5
n-nitrosodimethylamine	NA	<10	<10	<10	<10	<10	<10	<11	<10
n-nitrosodi-n-propylamine	NA	<6	<6	<10	<10	<6	<10	<11	<6
n-nitrosodiphenylamine	NA	<82	<82	<1.9	<1.9	<82	<1.9	<2.0	<82
phenanthrene	NA	<4	<4	<5.4	<5.5	<4	<5.4	<5.8	<4
pyrene	NA	<5	<5	<1.9	<1.9	<5	<1.9	<2.0	<5
1,2,4-trichlorobenzene	NA	12	<7	<1.9	<1.9	<7	<1.9	<2.0	<7
Sub Total	NA	244	9	0	0	10	1.9	24.7	13

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Table E-3. Summary of Base/Neutral Extractable Compounds in Ground Water, Monsanto Company, W.G. Krummrich Plant, Sauget, Il

Well Number:	GM-14	GM-15	GM-16A	GM-16A	GM-16A	GM-16B	GM-16B	GM-16B	GM-17A
Date:	9/84**	9/84**	9/84**	5/85	11/85	9/84**	5/85	11/85	9/84
Miscellaneous Base/Neutral Extractable Organic Compounds concentrations are in ug/L									
2-nitroaniline	NA	<25-30	<25-30	<10	<10	<25-30	<10	<11	<25-30
4-nitroaniline	NA	<25-30	<25-30	<10	<10	<25-30	<10	<11	<25-30
2-nitrochlorobenzene	NA	<10	<10	<10	<10.2	<10	<10	<10.8	<10
4-nitrochlorobenzene	NA	<10	<10	<10	<10.2	<10	<10	<10.8	<10
2,4-and 3,4-dinitrochlorobenzene	NA	<10	<10	<10	<10.2	<10	<10	<10.8	<10
4-nitrodiphenylamine	NA	<10	<10	<10	<10.2	<10	<10	<10.8	<10
triphenyl phosphate	NA	<10	<10	<10	<10.2	<10	<10	<10.8	<10
2,3,7,8-tetrachloro-dibenzo-p-dioxin	NA	NA	<0.00034	NA	NA	NA	NA	NA	NA
2-nitrobiphenyl	NA	<10	<10	NA	NA	<10	NA	NA	<10
4-nitrobiphenyl	NA	<10	<10	NA	NA	<10	NA	NA	<10
Sub Total 2	NA	0	0	0	0	0	0	0	0
Total Base/Neutral Compounds Analyzed	NA	244	9	0	0	10	1.9	24.7	13

Table E-3. Summary of Base/Neutral Extractable Compounds in Ground Water, Monsanto Company, W.G. Krummrich Plant, Sauget, Il

Well Number:	GM-17A	GM-17A	GM-17B	GM-17B	GM-17B	GM-17C	GM-17C	GM-17C	GM-18A
Date:	11/84	11/85	9/84**	11/84	11/85	9/84**	11/84	11/85	9/84**
USEPA Priority Pollutant Base/Neutral Extractable Organic Compounds concentrations are in ug/L									
acenaphthene	<10	<1.9	<4	<10	<3.8	1	<10	<1.9	<4
acenapthylene	<10	<3.5	<3	<10	<7.0	<3	<10	<3.5	<3
anthracene	<10	<1.9	<4	<10	<3.8	<4	<10	<1.9	<4
benzidine	<10	<44	<60	<10	<88	<60	<10	<44	<60
benzo (a) anthracene	<10	<7.8	<9	<10	<16	<9	<10	<7.9	<9
benzo (a) pyrene	<10	<2.5	<12	<10	<5	<12	<10	<2.5	<12
benzo (b) fluoroanthene	<10	<4.8	<11	<10	<9.6	<11	<10	<4.8	<11
benzo (ghi) perylene	<10	<4.1	<14	<10	<8.2	<14	<10	<4.1	<14
benzo (k) fluoranthene	<10	<3.5	<11	<10	<7	<11	<10	<3.5	<11
bis (2-chloroethoxy) methane	<10	<5.3	<4	<10	<11	<4	<10	<5.4	<4
bis (2-chloroethyl) ether	<10	<5.7	<4	<10	<11	<4	<10	<5.8	<4
bis (2-chloroisopropyl) ether	<10	<5.7	<3	<10	<11	<3	<10	<5.8	<3
bis (2-ethylhexyl) phthalate	<10	<10	<10	<10	<20	10	<10	<10	4
4-bromophenyl phenyl ether	<10	<1.9	<16	<10	<3.8	<16	<10	<1.9	<16
butyl benzyl phthalate	<10	<10	<13	<10	<20	<13	<10	<10	<13
2-chloronaphthalene	<10	<1.9	<4	<10	<3.8	<4	<10	<1.9	<4
4-chlorophenyl phenyl ether	<10	<4.2	<9	<10	<8.4	<9	<10	<4.2	<9
chrysene	<10	<2.5	<9	<10	<5.0	<9	<10	<2.5	<9
dibenzo (a,h) anthracene	<10	<10	<16	<10	<20	<16	<10	<10	<16
1,2-dichlorobenzene	<10	<1.9	<5	<10	4.57	113	147	286	<5
1,3-dichlorobenzene	<10	<1.9	5	<10	<3.8	776	57	126	<6
1,4-dichlorobenzene	<10	<4.4	47	70	64	<5	1,560	945	<5
3,3-dichlorobenzidine	<10	<17	<161	<10	<33	<161	<10	<17	<161
diethyl phthalate	<10	<10	<4	<10	<20	<4	<10	<10	<4
dimethyl phthalate	<10	<10	<4	<10	<20	<4	<10	<10	<4
di-n-butyl phthalate	<10	<10	<3	<10	<20	5	<10	<10	5
2,4-dinitrotoluene	<10	<5.7	<14	<10	<11	<14	<10	<5.8	<14
2,6-dinitrotoluene	<10	<1.9	<16	<10	<3.8	<16	<10	<1.9	<16
di-n-octyl phthalate	<10	<10	<6	<10	<20	<6	<10	<10	<6
1,2-diphenylhydrazine	<10	<10	<10	<10	<20	<10	<10	<10	<10
fluoranthene	<10	<2.2	<5	<10	<4.4	<5	<10	<2.2	<5
fluorene	<10	<1.9	<4	<10	<3.8	<4	<10	<1.9	<4
hexachlorobenzene	<10	<1.9	<15	<10	<3.8	<15	<10	<1.9	<15
hexachlorobutadiene	<10	<0.9	<13	<10	<1.8	<13	<10	<0.9	<13
hexachlorocyclopentadiene	<10	<10	<12	<10	<20	<12	<10	<10	<12
hexachloroethane	<10	<1.6	<10	<10	<3.2	<10	<10	<1.6	<10
indeno (1,2,3-c,d) pyrene	<10	<4.7	<7	<10	<9.4	<7	<10	<4.7	<7
isophorone	<10	<2.2	<2	<10	<4.4	<2	<10	<2.2	<2
naphthalene	<10	<1.6	<2	<10	<3.2	<2	<10	<1.6	<2
nitrobenzene	<10	<1.9	<5	<10	<3.8	<5	<10	<1.9	<5
n-nitrosodimethylamine	<10	<10	<10	<10	<20	<10	<10	<10	<10
n-nitrosodi-n-propylamine	<10	<10	<6	<10	<20	<6	<10	<10	<6
n-nitrosodiphenylamine	<10	<1.9	<82	<10	<3.8	<82	<10	<1.9	<82
phenanthrene	<10	<5.4	<4	<10	<11	<4	<10	<5.5	<4
pyrene	<10	<1.9	<5	<10	<3.8	<5	<10	<1.9	<5
1,2,4-trichlorobenzene	<10	<1.9	<7	<10	<3.8	10	<10	<1.9	<7
Sub Total I	0	0	52	70	68.57	915	1764	1357	9

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Table E-3. Summary of Base/Neutral Extractable Compounds in Ground Water, Monsanto Company, W.G. Krummrich Plant, Sauget, Il

Well Number:	GM-17A	GM-17A	GM-17B	GM-17B	GM-17B	GM-17C	GM-17C	GM-17C	GM-18A
Date:	11/84	11/85	9/84**	11/84	11/85	9/84**	11/84	11/85	9/84**
Miscellaneous Base/Neutral Extractable Organic Compounds concentrations are in ug/L									
2-nitroaniline	<10	<10	<25-30	<10	<20	<25-30	<10	<10	<25-30
4-nitroaniline	<10	<10	<25-30	<10	<20	<25-30	<10	<10	<25-30
2-nitrochlorobenzene	<10	<10	<10	<10	<20	<10	<10	<10	<10
4-nitrochlorobenzene	<10	<10	<10	<10	<20	<10	<10	<10	<10
2,4-and 3,4-dinitrochlorobenzene	<10	<10	<10	<10	<20	<10	<10	<10	<10
4-nitrodiphenylamine	<10	<10	<10	<10	<20	<10	<10	<10	<10
triphenyl phosphate	<10	<10	<10	<10	<20	<10	<10	<10	<10
2,3,7,8-tetrachloro-dibenzo-p-dioxin	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-nitrobiphenyl	NA	NA	<10	NA	NA	<10	NA	NA	<10
4-nitrobiphenyl	NA	NA	<10	NA	NA	<10	NA	NA	<10
Sub Total 2	0	0	0	0	0	0	0	0	0
Total Base/Neutral Compounds Analyzed	0	0	52	70	68.57	915	1764	1357	9

Table E-3. Summary of Base/Neutral Extractable Compounds in Ground Water, Monsanto Company, W.G. Krummrich Plant, Sauget, Il

Well Number:	GM-18A	GM-18A	GM-18B	GM-18B	GM-18B	GM-25A	GM-25A	GM-25B	GM-25B
Date:	5/85	11/85	9/84**	5/85	11/85	9/84	11/84	9/84	11/84
USEPA Priority Pollutant Base/Neutral Extractable Organic Compounds concentrations are in ug/L									
acenaphthene	<1.9	<2.0	<4	<1.9	<2.1	<4	<10	<4	<10
acenapthylene	<3.5	<3.7	<3	<3.5	<3.8	<3	<10	<3	<10
anthracene	<1.9	<2.0	<4	<1.9	<2.1	<4	<10	<4	<10
benzidine	<44	<46	<60	<44	<48	<60	<10	<60	<10
benzo (a) anthracene	<7.8	<8.2	<9	<7.8	<8.5	<9	<10	<9	<10
benzo (a) pyrene	<2.5	<2.6	<12	<2.5	<2.7	<12	<10	<12	<10
benzo (b) fluoroanthene	<4.8	<5.1	<11	<4.8	<5.2	<11	<10	<11	<10
benzo (ghi) perylene	<4.1	<4.3	<14	<4.1	<4.5	<14	<10	<14	<10
benzo (k) fluoranthene	<2.5	<3.7	<11	<2.5	<3.8	<11	<10	<11	<10
bis (2-chloroethoxy) methane	<5.3	<5.6	<4	<5.3	<5.8	<4	<10	<4	<10
bis (2-chloroethyl) ether	<5.7	<6.0	<4	<5.7	<6.2	<4	<10	<4	<10
bis (2-chloroisopropyl) ether	<6.0	<6.0	<3	<5.7	<6.2	<3	<10	<3	<10
bis (2-ethylhexyl) phthalate	<10	<11	3	<10	<11	19	22	14	<10
4-bromophenyl phenyl ether	<1.9	<2.0	<16	<1.9	<2.1	<16	<10	<16	<10
butyl benzyl phthalate	<10	<11	<13	<10	<11	<13	<10	<13	<10
2-chloronaphthalene	<1.9	<2.0	<4	<1.9	<2.1	<4	<10	<4	<10
4-chlorophenyl phenyl ether	<4.2	<4.4	<9	<4.2	<4.6	<9	<10	<9	<10
chrysene	<2.5	<2.6	<9	<2.5	<2.7	<9	<10	<9	<10
dibenzo (a,h) anthracene	<2.5	<11	<16	<2.5	<11	<16	<10	<16	<10
1,2-dichlorobenzene	<1.9	<2.0	<5	<1.9	<2.1	<5	<10	<5	<10
1,3-dichlorobenzene	<1.9	<2.0	<6	<1.9	<2.1	<6	<10	<6	<10
1,4-dichlorobenzene	<4.4	<4.6	<5	<4.4	<4.8	<5	<10	<5	<10
3,3-dichlorobenzidine	<16.5	<17	<161	<16.5	<18	<161	<10	<161	<10
diethyl phthalate	<10	<11	1	<10	<11	<4	<10	2	<10
dimethyl phthalate	<10	<11	<4	<10	<11	<4	<10	<4	<10
di-n-butyl phthalate	<10	<11	7	<10	<11	5	<10	10	<10
2,4-dinitrotoluene	<5.7	<6.0	<14	<5.7	<6.2	<14	<10	<14	<10
2,6-dinitrotoluene	<1.9	<2.0	<16	<1.9	<2.1	<16	<10	<16	<10
di-n-octyl phthalate	<10	<11	<6	<10	<11	<6	<10	<6	<10
1,2-diphenylhydrazine	<10	<11	<10	<10	<11	<10	<10	<10	<10
fluoranthene	<2.2	<2.3	<5	<2.2	<2.4	<5	<10	<5	<10
fluorene	<1.9	<2.0	<4	<1.9	<2.1	<4	<10	<4	<10
hexachlorobenzene	<1.9	<2	<15	<1.9	<2.1	<15	<10	<15	<10
hexachlorobutadiene	<0.9	<0.95	<13	<0.9	<1	<13	<10	<13	<10
hexachlorocyclopentadiene	<10	<11	<12	<10	<11	<12	<10	<12	<10
hexachloroethane	<1.6	<1.7	<10	<1.6	<1.7	<10	<10	<10	<10
indeno (1,2,3-c,d) pyrene	<3.7	<4.9	<7	<3.7	<5.1	<7	<10	<7	<10
isophorone	<2.2	<2.3	<2	<2.2	<2.4	<2	<10	<2	<10
naphthalene	<1.6	<1.7	<2	<1.6	<1.7	<2	<10	<2	<10
nitrobenzene	<1.9	<2.0	<5	<1.9	<2.1	<5	<10	<5	<10
n-nitrosodimethylamine	<10	<11	<10	<10	<11	<10	<10	<10	<10
n-nitrosodi-n-propylamine	<10	<11	<6	<10	<11	<6	<10	<6	<10
n-nitrosodiphenylamine	<1.9	<2.0	<82	<1.9	<2.1	<82	<10	<82	<10
phenanthrene	<5.4	<5.7	<4	<5.4	<5.9	<4	<10	<4	<10
pyrene	<1.9	<2.0	<5	<1.9	<2.1	<5	<10	<5	<10
1,2,4-trichlorobenzene	<1.9	<2.0	<7	<1.9	<2.1	<7	<10	<7	<10
Sub Total 1	0	0	11	0	0	24	22	28	0

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Table E-3. Summary of Base/Neutral Extractable Compounds in Ground Water, Monsanto Company, W.G. Krummrich Plant, Sauget, Il

Well Number:	GM-18A	GM-18A	GM-18B	GM-18B	GM-18B	GM-25A	GM-25A	GM-25B	GM-25B
Date:	5/85	11/85	9/84**	5/85	11/85	9/84	11/84	9/84	11/84
Miscellaneous Base/Neutral Extractable Organic Compounds concentrations are in ug/L									
2-nitroaniline	<10	<11	<25-30	<10	<11	<25-30	<10	<25-30	<10
4-nitroaniline	<10	<11	<25-30	<10	<11	<25-30	<10	<25-30	<10
2-nitrochlorobenzene	<10	<10.5	<10	<10	<10.9	<10	<10	<10	<10
4-nitrochlorobenzene	<10	<10.5	<10	<10	<10.9	<10	<10	<10	<10
2,4-and 3,4-dinitrochlorobenzene	<10	<10.5	<10	<10	<10.9	<10	<10	<10	<10
4-nitrodiphenylamine	<10	<10.5	<10	<10	<10.9	<10	<10	<10	<10
triphenyl phosphate	<10	<10.5	<10	<10	<10.9	<10	<10	<10	<10
2,3,7,8-tetrachloro-dibenzo-p-dioxin	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-nitrobiphenyl	NA	NA	<10	NA	NA	<10	NA	<10	NA
4-nitrobiphenyl	NA	NA	<10	NA	NA	<10	NA	<10	NA
Sub Total 2	0	0	0	0	0	0	0	0	0
Total Base/Neutral Compounds Analyzed	0	0	11	0	0	24	22	26	0

Table E-3. Summary of Base/Neutral Extractable Compounds in Ground Water, Monsanto Company, W.G. Krummrich Plant, Sauget, Il

Well Number:	GM-28B	GM-28C	GM-28C	GM-28C	GM-29	GM-29	GM-30	GM-30	GM-30
Date:	2/86	9/84**	11/85	2/86	9/84**	11/85	9/84**	11/85	2/86
USEPA Priority Pollutant Base/Neutral Extractable Organic Compounds concentrations are in ug/L									
acenaphthene	<1.9	NA	<1.9	<1.9	<4	<2.3	<4	<2.1	<2.3
acenapthylene	<3.6	NA	<3.5	<3.5	<3	<4.2	<3	<3.9	<4.2
anthracene	<1.9	NA	<1.9	<1.9	<4	<2.3	<4	<2.1	<2.3
benzidine	<45	NA	<44	<44	<60	<52	<60	<49	<52
benzo (a) anthracene	<8	NA	<7.8	<7.9	<9	<9.3	<9	<8.7	<9.3
benzo (a) pyrene	<2.6	NA	<2.5	<2.5	<12	<3.0	<12	<2.8	<3.0
benzo (b) fluoroanthene	<4.9	NA	<4.8	<4.8	<11	<5.7	<11	<5.3	<5.7
benzo (ghi) perylene	<4.2	NA	<4.1	<4.1	<14	<4.9	<14	<4.6	<4.9
benzo (k) fluoranthene	<3.6	NA	<3.5	<3.5	<11	<4.2	<11	<3.9	<4.2
bis (2-chloroethoxy) methane	<5.4	NA	<5.3	<5.4	<4	<6.3	<4	<5.9	<6.3
bis (2-chloroethyl) ether	<5.8	NA	<5.7	<5.8	<4	<6.8	<4	<6.3	<6.8
bis (2-chloroisopropyl) ether	<5.8	NA	<5.7	<5.8	<3	<6.8	<3	<6.3	<6.8
bis (2-ethylhexyl) phthalate	<10	NA	<10	<10	17	<12	<10	<11	<12
4-bromophenyl phenyl ether	<1.9	NA	<1.9	<1.9	<16	<2.3	<16	<2.1	<2.3
butyl benzyl phthalate	<10	NA	<10	<10	<13	<12	<13	<11	<12
2-chloronaphthalene	<1.9	NA	<1.9	<1.9	<4	<2.3	<4	<2.1	<2.3
4-chlorophenyl phenyl ether	<4.3	NA	<4.2	<4.2	<9	<5.0	<9	<4.7	<5.0
chrysene	<2.6	NA	<2.5	<2.5	<9	<3.0	<9	<2.8	<3.0
dibenzo (a,h) anthracene	<10	NA	<10	<10	<16	<12	<16	<11	<12
1,2-dichlorobenzene	1,720	NA	38	3,270	<5	5	<5	3.7	4.7
1,3-dichlorobenzene	5.4	NA	<1.9	14.7	<6	<2.3	<6	<2.1	<2.3
1,4-dichlorobenzene	231	NA	10	103	<5	<5.2	<5	179	123
3,3-dichlorobenzidine	<17	NA	<17	<17	<161	<20	<161	<18	<20
diethyl phthalate	<10	NA	<10	<10	<4	<12	<4	<11	<12
dimethyl phthalate	<10	NA	<10	<10	<4	<12	<4	<11	<12
di-n-butyl phthalate	<10	NA	<10	<10	3	<12	3	<11	<12
2,4-dinitrotoluene	<5.8	NA	<5.7	<5.8	<14	<6.8	<14	<6.3	<6.8
2,6-dinitrotoluene	<1.9	NA	<1.9	<1.9	<16	<2.3	<16	<2.1	<2.3
di-n-octyl phthalate	<10	NA	<10	<10	<6	<12	<6	<11	<12
1,2-diphenylhydrazine	<10	NA	<10	<10	<10	<12	<10	<11	<12
fluoranthene	<2.3	NA	<2.2	<2.2	<5	<2.6	<5	<2.4	<2.6
fluorene	<1.9	NA	<1.9	<1.9	<4	<2.3	<4	<2.1	<2.3
hexachlorobenzene	<1.9	NA	<1.9	<1.9	<15	<2.3	<15	<2.1	<2.3
hexachlorobutadiene	<0.9	NA	<0.9	<0.9	<13	<1.1	<13	<1.0	<1.1
hexachlorocyclopentadiene	<10	NA	<10	<10	<12	<12	<12	<11	<12
hexachloroethane	<1.6	NA	<1.6	<1.6	<10	<1.9	<10	<1.8	<1.9
indeno (1,2,3-c,d) pyrene	<4.8	NA	<4.7	<4.7	<7	<5.6	<7	<5.2	<5.6
isophorone	<2.2	NA	<2.2	<2.2	<2	<2.6	<2	<2.4	<2.6
naphthalene	<1.6	NA	<1.6	<1.6	<2	3.8	<2	<1.8	<1.9
nitrobenzene	<1.9	NA	<1.9	<1.9	<5	<2.3	<5	<2.1	<2.3
n-nitrosodimethylamine	<10	NA	<10	<10	<10	<12	<10	<11	<12
n-nitrosodi-n-propylamine	<10	NA	<10	<10	<6	<12	<6	<11	<12
n-nitrosodiphenylamine	<1.9	NA	<1.9	<1.9	<82	<2.3	<82	<2.1	<2.3
phenanthrene	<5.5	NA	<5.4	<5.5	<4	<6.4	<4	<6.0	<6.4
pyrene	<1.9	NA	<1.9	<1.9	<5	<2.3	<5	<2.1	<2.3
1,2,4-trichlorobenzene	29.6	NA	16.2	20.3	<7	<2.3	<7	<2.1	<2.3
Sub Total 1	1986	NA	64.2	3408	20	8.8	3	182.7	127.7

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Table E-3. Summary of Base/Neutral Extractable Compounds in Ground Water, Monsanto Company, W.G. Krummrich Plant, Sauget, Il

Well Number:	GM-28B	GM-28C	GM-28C	GM-28C	GM-29	GM-29	GM-30	GM-30	GM-30
Date:	2/86	9/84**	11/85	2/86	9/84**	11/85	9/84**	11/85	2/86
Miscellaneous Base/Neutral Extractable Organic Compounds concentrations are in ug/L									
2-nitroaniline	<10	NA	<10	<10	<25-30	<12	<25-30	<11	<12
4-nitroaniline	<10	NA	<10	<10	<25-30	<12	<25-30	<11	<12
2-nitrochlorobenzene	180	NA	<10	494	<10	<12	<10	<11.1	<12
4-nitrochlorobenzene	36.6	NA	<10	1,460	<10	<12	<10	<11.1	<12
2,4-and 3,4-dinitrochlorobenzene	<10	NA	<10	<10	<10	<12	<10	<11.1	<12
4-nitrodiphenylamine	<10	NA	<10	<10	<10	<12	<10	<11.1	<12
triphenyl phosphate	<10	NA	<10	<10	<10	<12	<10	<11.1	<12
2,3,7,8-tetrachloro-dibenzo-p-dioxin	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-nitrobiphenyl	NA	NA	NA	NA	<10	NA	<10	NA	NA
4-nitrobiphenyl	NA	NA	NA	NA	<10	NA	<10	NA	NA
Sub Total 2	216.6	NA	0	1954	0	0	0	0	0
Total Base/Neutral Compounds Analyzed	2202.6	NA	64.2	5362	20	8.8	3	182.7	127.7

Table E-3. Summary of Base/Neutral Extractable Compounds in Ground Water, Monsanto Company, W.G. Krummrich Plant, Sauget, Il

Well Number:	GM-31A	GM-31A	GM-31A	GM-31A	GM-31Aa)	GM-31Ab)	GM-31B	GM-31B	GM-31B
Date:	2/85	5/85	11/85	11/85*	2/86	2/86	2/85	5/85	11/85
USEPA Priority Pollutant Base/Neutral Extractable Organic Compounds concentrations are in ug/L									
acenaphthene	<1.9	<1.9	<2.0	<2.0	<2.1	<2.0	<1.9	<1.9	<1.9
acenapthylene	<3.5	<3.5	<3.7	<3.7	<3.9	<3.7	<3.5	<3.5	<3.5
anthracene	<1.9	<1.9	<2.0	<2.0	<2.1	<2.0	<1.9	<1.9	<1.9
benzidine	<44	<44	<47	<46	<49	<46	<44	<44	<44
benzo (a) anthracene	<7.8	<7.8	<8.3	<8.2	<8.7	<8.2	<7.8	<7.8	<7.8
benzo (a) pyrene	<2.5	<2.5	<2.7	<2.6	<2.8	<2.6	<2.5	<2.5	<2.5
benzo (b) fluoroanthene	<4.8	<4.8	<5.1	<5.1	<11	<10	<4.8	<4.8	<4.8
benzo (ghi) perylene	<4.1	<4.1	<4.4	<4.3	<4.6	<4.3	<4.1	<4.1	<4.1
benzo (k) fluoranthene	<2.5	<2.5	<3.7	<3.7	<3.9	<3.7	<2.5	<2.5	<3.5
bis (2-chloroethoxy) methane	<5.3	<5.3	<5.6	<5.6	<5.9	<5.6	<5.3	<5.3	<5.3
bis (2-chloroethyl) ether	<5.7	<5.7	<6.1	<6.0	<6.3	<6.0	<5.7	<5.7	<5.7
bis (2-chloroisopropyl) ether	<5.7	<6.0	<6.1	<6.0	<6.3	<6.0	<5.7	<6.0	<5.7
bis (2-ethylhexyl) phthalate	<10	<10	<11	<11	<11	<11	<10	<10	• 33.9
4-bromophenyl phenyl ether	<1.9	<1.9	<2	<2	<2.1	<2	<1.9	<1.9	<1.9
butyl benzyl phthalate	<10	<10	<11	<11	<11	<11	<10	<10	<10
2-chloronaphthalene	<1.9	<1.9	<2	<2	<2.1	<2	<1.9	<1.9	<1.9
4-chlorophenyl phenyl ether	<4.2	<4.2	<4.5	<4.4	<4.7	<4.4	<3.5	<4.2	<4.2
chrysene	<2.5	<2.5	<2.7	<2.6	<2.8	<2.6	<1.9	<2.5	<2.5
dibenzo (a,h) anthracene	<2.5	<2.5	<11	<11	<11	<11	<44	<2.5	<10
1,2-dichlorobenzene	• 3.9	• 3	• 17.6	• 16.8	• 25.5	• 10.4	<7.8	<1.9	<1.9
1,3-dichlorobenzene	<1.9	<1.9	<2	<2	<2.1	<2	<2.5	<1.9	<1.9
1,4-dichlorobenzene	<4.4	<4.4	• 8.0	• 7.9	• 11.7	<4.6	<4.8	<4.4	<4.4
3,3-dichlorobenzidine	<16.5	<16.5	<18	<17	<18	<17	<4.1	<16.5	<17
diethyl phthalate	<10	<10	<11	<11	<11	<11	<2.5	<10	<10
dimethyl phthalate	<10	<10	<11	<11	<11	<11	<5.3	<10	<10
di-n-butyl phthalate	<10	<10	<11	<11	<11	<11	<5.7	<10	<10
2,4-dinitrotoluene	<5.7	<5.7	<6.1	<6.0	<6.3	<6.0	<5.7	<5.7	<5.7
2,6-dinitrotoluene	<1.9	<1.9	<2.0	<2.0	<2.1	<2.0	<10	<1.9	<1.9
di-n-octyl phthalate	<10	<10	<11	<11	<11	<11	<1.9	<10	<10
1,2-diphenylhydrazine	<10	<10	<11	<11	<11	<11	<10	<10	<10
fluoranthene	<2.2	<2.2	<2.3	<2.3	<2.4	<2.3	<2.2	<2.2	<2.2
fluorene	<1.9	<1.9	<2.0	<2.0	<2.1	<2.0	<1.9	<1.9	<1.9
hexachlorobenzene	<1.9	<1.9	<2.0	<2.0	<2.1	<2.0	<1.9	<1.9	<1.9
hexachlorobutadiene	<0.9	<0.9	<1.0	<1.0	<1.0	<1.0	<0.9	<0.9	<0.9
hexachlorocyclopentadiene	<10	<10	<11	<11	<11	<11	<10	<10	<10
hexachloroethane	<1.6	<1.6	<1.7	<1.7	<1.8	<1.7	<1.6	<1.6	<1.6
indeno (1,2,3-c,d) pyrene	<3.7	<3.7	<5.0	<4.9	<5.2	<4.9	<3.7	<3.7	<4.7
isophorone	<2.2	<2.2	<2.3	<2.3	<2.4	<2.3	<2.2	<2.2	<2.2
naphthalene	<1.6	<1.6	<1.7	<1.7	<1.8	<1.7	<1.6	<1.6	<1.6
nitrobenzene	• 21.7	• 15	• 87.8	• 93.5	• 168	• 130	<1.9	<1.9	<1.9
n-nitrosodimethylamine	<10	<10	<11	<11	<11	<11	<10	<10	<10
n-nitrosodi-n-propylamine	<10	<10	<11	<11	<11	<11	<10	<10	<10
n-nitrosodiphenylamine	• 2.8	<1.9	<2.0	<2.0	<2.1	<2.0	<1.9	<1.9	<1.9
phenanthrene	<5.4	<5.4	<5.7	<5.7	<6.0	<5.7	<5.4	<5.4	<5.4
pyrene	<1.9	<1.9	<2.0	<2.0	<2.1	<2.0	<1.9	<1.9	<1.9
1,2,4-trichlorobenzene	<1.9	<1.9	<2.0	<2.0	<2.1	<2.0	<1.9	<1.9	<1.9
Sub total 1	28.4	18	113.4	118.2	205.2	140.4	0	0	33.9

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Table E-3. Summary of Base/Neutral Extractable Compounds in Ground Water, Monsanto Company, W.G. Krummrich Plant, Sauget, Il

Well Number:	GM-31A	GM-31A	GM-31A	GM-31A	GM-31Aa)	GM-31Ab)	GM-31B	GM-31B	GM-31B
Date:	2/85	5/85	11/85	11/85*	2/86	2/86	2/85	5/85	11/85
Miscellaneous Base/Neutral Extractable Organic Compounds concentrations are in ug/L									
2-nitroaniline	<10	<10	<11	<11	NA	NA	<10	<10	<10
4-nitroaniline	<10	<10	<11	<11	NA	NA	<10	<10	<10
2-nitrochlorobenzene	<10	<10	579	542	NA	NA	<10	<10	<10
4-nitrochlorobenzene	122	<10	<11	<11	NA	NA	<10	<10	<10
2,4-and 3,4-dinitrochlorobenzene	<10	222	<11	<11	NA	NA	<10	<10	<10
4-nitrodiphenylamine	<10	<10	<11	<11	NA	NA	<10	<10	<10
triphenyl phosphate	<10	<10	<11	<11	NA	NA	<10	<10	<10
2,3,7,8-tetrachloro-dibenzo-p-dioxin	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-nitrobiphenyl	<25	<25	41.8	42.9	<11	<11	<25	<25	<10
4-nitrobiphenyl	<25	<25	<11	<11	<11	<11	<25	<25	<10
Sub Total 2	122	222	620.8	584.9	0	0	0	0	0
Total Base/Neutral Compounds Analyzed	150.4	240	734.2	703.1	205.2	140.4	0	0	33.9

Table E-3. Summary of Base/Neutral Extractable Compounds in Ground Water, Monsanto Company, W.G. Krummrich Plant, Sauget, Il

Well Number:	GM-31B	GM-31C	GM-31C	GM-31C	GM-31C	B-24A	B-25A	B-25A	B-25B
Date:	11/85*	2/85	5/85	11/85	11/85*	2/86	6/84	11/85	6/84
USEPA Priority Pollutant Base/Neutral Extractable Organic Compounds concentrations are in ug/L									
acenaphthene	<1.9	<1.9	<1.9	<1.9	<1.9	<2.0	<80	<3.7	<80
acenapthylene	<3.5	<3.5	<3.5	<3.5	<3.5	<3.6	<60	<6.9	<60
anthracene	<1.9	<1.9	<1.9	<1.9	<1.9	<2.0	<80	<3.7	<80
benzidine	<44	<44	<44	<44	<44	<45	<1,200	<86	<1,200
benzo (a) anthracene	<7.8	<7.8	<7.8	<7.8	<7.8	<8	<180	<15	<180
benzo (a) pyrene	<2.5	<2.5	<2.5	<2.5	<2.5	<2.6	<240	<4.9	<240
benzo (b) fluoroanthene	<4.8	<4.8	<4.8	<4.8	<4.8	<10	<220	<9.4	<220
benzo (ghi) perylene	<4.1	<4.1	<4.1	<4.1	<4.1	<4.2	<280	<8.0	<280
benzo (k) fluoranthene	<3.5	<2.5	<2.5	<3.5	<3.5	<3.6	<220	<6.9	<220
bis (2-chloroethoxy) methane	<5.3	<5.3	<5.3	<5.3	<5.3	<5.5	<80	<10	<80
bis (2-chloroethyl) ether	<5.7	<5.7	<5.7	<5.7	<5.7	<5.9	<80	<11	<80
bis (2-chloroisopropyl) ether	<5.7	<5.7	<6.0	<5.7	<5.7	<5.9	<60	<11	<60
bis (2-ethylhexyl) phthalate	• 55.6	• 55.2	<10	• 84	<10	<10	<200	• 61.8	<200
4-bromophenyl phenyl ether	<1.9	<1.9	<1.9	<1.9	<1.9	<2	<320	<3.7	<320
butyl benzyl phthalate	<10	<10	<10	<10	<10	<10	<260	<20	<260
2-chloronaphthalene	<1.9	<1.9	<1.9	<1.9	<1.9	<2	<80	<3.7	<80
4-chlorophenyl phenyl ether	<4.2	<4.2	<4.2	<4.2	<4.2	<4.3	<180	<8.2	<180
chrysene	<2.5	<2.5	<2.5	<2.5	<2.5	<2.6	<180	<4.9	<180
dibenzo (a,h) anthracene	<10	<2.5	<2.5	<10	<10	<10	<320	<20	<320
1,2-dichlorobenzene	<1.9	<1.9	<1.9	<1.9	<1.9	180	<100	• 3,790	<100
1,3-dichlorobenzene	<1.9	<1.9	<1.9	<1.9	<1.9	2.5	<120	• 12.6	<120
1,4-dichlorobenzene	<4.4	<4.4	<4.4	<4.4	<4.4	• 114	• 35	• 190	<100
3,3-dichlorobenzidine	<17	<16.5	<16.5	<17	<17	<17	<3,220	<32	<3,220
diethyl phthalate	<10	<10	<10	<10	<10	<10	<80	<20	<80
dimethyl phthalate	<10	<10	<10	<10	<10	<10	<80	<20	<80
di-n-butyl phthalate	<10	<10	<10	<10	<10	<10	<60	<20	• 91
2,4-dinitrotoluene	<5.7	<5.7	<5.7	<5.7	<5.7	<5.9	<280	<11	<280
2,6-dinitrotoluene	<1.9	<1.9	<1.9	<1.9	<1.9	<2.0	<320	<3.7	<320
di-n-octyl phthalate	<10	<10	<10	<10	<10	<10	<120	<20	<120
1,2-diphenylhydrazine	<10	<10	<10	<10	<10	<10	<200	<20	<200
fluoranthene	<2.2	<2.2	<2.2	<2.2	<2.2	<2.3	<100	<4.3	<100
fluorene	<1.9	<1.9	<1.9	<1.9	<1.9	<2.0	<80	<3.7	<80
hexachlorobenzene	<1.9	<1.9	<1.9	<1.9	<1.9	<2.0	<300	<3.7	<300
hexachlorobutadiene	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<260	<1.8	<260
hexachlorocyclopentadiene	<10	<10	<10	<10	<10	<10	<240	<20	<240
hexachloroethane	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<200	<3.1	<200
indeno (1,2,3-c,d) pyrene	<4.7	<3.7	<3.7	<4.7	<4.7	<4.8	<140	<9.2	<140
isophorone	<2.2	<2.2	<2.2	<2.2	<2.2	<2.3	<40	<4.3	<40
naphthalene	<1.6	<1.6	<1.6	<1.6	<1.6	• 15.7	• 2,350	• 193	<40
nitrobenzene	<1.9	<1.9	<1.9	<1.9	<1.9	• 2,850	<100	• 8,080	<100
n-nitrosodimethylamine	<10	<10	<10	<10	<10	<10	<200	<20	<200
n-nitrosodi-n-propylamine	<10	<10	<10	<10	<10	<10	<120	<20	<120
n-nitrosodiphenylamine	<1.9	<1.9	<1.9	<1.9	<1.9	<2.0	<1,640	<3.7	<1,640
phenanthrene	<5.4	<5.4	<5.4	<5.4	<5.4	<5.6	<80	<11	<80
pyrene	<1.9	<1.9	<1.9	<1.9	<1.9	<2.0	<100	<3.7	<100
1,2,4-trichlorobenzene	<1.9	<1.9	<1.9	<1.9	<1.9	• 17.2	<140	• 929	<140
Sub Total 1	55.6	55.2	0	84	0	3179.4	2385	13256.4	91

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Table E-3. Summary of Base/Neutral Extractable Compounds in Ground Water, Monsanto Company, W.G. Krummrich Plant, Sauget, Il

Well Number:	GM-31B	GM-31C	GM-31C	GM-31C	GM-31C	B-24A	B-25A	B-25A	B-25B
Date:	11/85*	2/85	5/85	11/85	11/85*	2/86	6/84	11/85	6/84
Miscellaneous Base/Neutral Extractable Organic Compounds concentrations are in ug/L									
2-nitroaniline	<10	<10	<10	<10	<10	<10	NA	570	NA
4-nitroaniline	<10	<10	<10	<10	<10	<10	NA	79.2	NA
2-nitrochlorobenzene	<10	<10	<10	<10	<10	368,000	NA	226,000	NA
4-nitrochlorobenzene	<10	<10	<10	<10	<10	108,000	NA	102,000	NA
2,4-and 3,4-dinitrochlorobenzene	<10	<10	<10	<10	<10	<10	NA	<20	NA
4-nitrodiphenylamine	<10	<10	<10	<10	<10	161	NA	255	NA
triphenyl phosphate	<10	<10	<10	<10	<10	<10	NA	412	NA
2,3,7,8-tetrachloro-dibenzo-p-dioxin	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-nitrobiphenyl	<10	<25	<25	<10	<10	NA	NA	NA	NA
4-nitrobiphenyl	<10	<25	<25	<10	<10	NA	NA	NA	NA
Sub Total 2	0	0	0	0	0	476161	NA	329316.2	NA
Total Base/Neutral Compounds Analyzed	55.6	55.2	0	84	0	479340.4	2385	342572.6	91

Table E-3. Summary of Base/Neutral Extractable Compounds in Ground Water, Monsanto Company, W.G. Krummrich Plant, Sauget, Il

Well Number:	Trip Blank	Trip Blank	Trip Blank	Lab Blank	Lab Blank	Lab Blank	Lab Blank	Lab Blank	Lab Blank
Date:	5/84	6/84	9/84	11/83	11/83	5/84	5/84	9/84	9/84
Miscellaneous Base/Neutral Extractable Organic Compounds concentrations are in ug/L									
2-nitroaniline	NA	NA	NA	NA	NA	NA	NA	<25-30	<25-30
4-nitroaniline	NA	NA	NA	NA	NA	NA	NA	<25-30	<25-30
2-nitrochlorobenzene	NA	NA	NA	NA	NA	NA	NA	<10	<10
4-nitrochlorobenzene	NA	NA	NA	NA	NA	NA	NA	<10	<10
2,4-and 3,4-dinitrochlorobenzene	NA	NA	NA	NA	NA	NA	NA	<10	<10
4-nitrodiphenylamine	NA	NA	NA	NA	NA	NA	NA	<10	<10
triphenyl phosphate	NA	NA	NA	NA	NA	NA	NA	<10	<10
2,3,7,8-tetrachloro-dibenzo-p-dioxin	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-nitrobiphenyl	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-nitrobiphenyl	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sub Total 2	NA	NA	NA	NA	NA	NA	NA	0	0
Total Base/Neutral Compounds Analyzed	0	0	4	1	0	4	4	7	8

Table E-3. Summary of Base/Neutral Extractable Compounds in Ground Water, Monsanto Company, W.G. Krummrich Plant, Sauget, Il

Well Number:	BK-3	BK-3	WB-6	WB-6	WB-6	WB-7	WB-7	Field Blank	Field Blank
Date:	11/85	2/86	9/84**	11/85	2/86	9/84	11/85	6/84	6/84
USEPA Priority Pollutant Base/Neutral Extractable Organic Compounds concentrations are in ug/L									
acenaphthene	<1.9	<1.9	<4	27.3	6.4	<4	5.1	<4	<1
acenapthylene	<3.5	<3.6	<3	<3.5	<3.6	<3	<3.6	<3	<1
anthracene	<1.9	<1.9	<4	<1.9	<2.0	<4	<2.0	<4	<1
benzidine	<44	<45	<60	<44	<46	<60	<45	<60	<1
benzo (a) anthracene	<7.9	<8.0	<9	<7.9	<8	<9	<8.0	<9	<1
benzo (a) pyrene	<2.5	<2.6	<12	<2.5	<2.6	<12	<2.6	<12	<1
benzo (b) fluoroanthene	<4.8	<4.9	<11	<4.8	<5	<11	<4.9	<11	<1
benzo (ghi) perylene	<4.1	<4.2	<14	<4.1	<4.3	<14	<4.2	<14	<1
benzo (k) fluoranthene	<3.5	<3.6	<11	<3.5	<3.6	<11	<3.6	<11	<1
bis (2-chloroethoxy) methane	<5.4	<5.4	<4	<5.4	<5.5	<4	<5.4	<4	<1
bis (2-chloroethyl) ether	<5.8	<5.8	<4	<5.8	<5.9	<4	<5.8	<4	<1
bis (2-chloroisopropyl) ether	<5.8	<5.8	<3	<5.8	<5.9	<3	<5.8	<3	<1
bis (2-ethylhexyl) phthalate	<10	<10	<10	<10	<10	<10	<10	<10	<1
4-bromophenyl phenyl ether	<1.9	<1.9	<16	<1.9	<2	<16	<1.9	<16	<1
butyl benzyl phthalate	<10	<10	<13	<10	<10	<13	<10	<13	<1
2-chloronaphthalene	<1.9	<1.9	<4	<1.9	<2	<4	<1.9	<4	<1
4-chlorophenyl phenyl ether	<4.2	<4.3	<9	<4.2	<4.4	<9	<4.3	<9	<1
chrysene	<2.5	<2.6	<9	<2.5	<2.6	<9	<2.6	<9	<1
dibenzo (a,h) anthracene	<10	<10	<16	<10	<10	<16	<10	<16	<1
1,2-dichlorobenzene	46.3	3.6	<5	<1.9	<2	<5	<1.9	<5	<1
1,3-dichlorobenzene	26.1	3.4	<6	<1.9	<2	<6	<1.9	<6	<1
1,4-dichlorobenzene	211	100	<5	<4.4	<4.6	<5	<4.5	<5	<1
3,3-dichlorobenzidine	<17	<17	<161	<17	<17	<161	<17	<161	<1
diethyl phthalate	<10	<10	<4	<10	<10	<4	<10	<4	<1
dimethyl phthalate	<10	<10	<4	<10	<10	<4	<10	<4	<1
di-n-butyl phthalate	<10	<10	2	<10	<10	3	<10	<3	<1
2,4-dinitrotoluene	<5.8	<5.8	<14	<5.8	<5.9	<14	<5.8	<14	<1
2,6-dinitrotoluene	<1.9	<1.9	<16	<1.9	<2.0	<16	<1.9	<16	<1
di-n-octyl phthalate	<10	<10	<6	<10	<10	<6	<10	<6	<1
1,2-diphenylhydrazine	<10	<10	<10	<10	<10	<10	<10	<10	<1
fluoranthene	<2.2	<2.2	<5	<2.2	<2.3	<5	<2.2	<5	<1
fluorene	<1.9	<1.9	<4	<1.9	<2.0	<4	<1.9	<4	<1
hexachlorobenzene	<1.9	<1.9	<15	<1.9	<2.0	<15	<1.9	<15	<1
hexachlorobutadiene	<0.9	<0.92	<13	<0.9	<0.9	<13	<0.9	<13	<1
hexachlorocyclopentadiene	<10	<10	<12	<10	<10	<12	<10	<12	<1
hexachloroethane	<1.6	<1.6	<10	<1.6	<1.7	<10	<1.6	<10	<1
indeno (1,2,3-c,d) pyrene	<4.7	<4.8	<7	<4.7	<4.9	<7	<4.8	<7	<1
isophorone	<2.2	<2.2	<2	<2.2	<2.3	<2	<2.2	<2	<1
naphthalene	17.5	14.4	<2	1,080	1,140	<2	<1.6	<2	<1
nitrobenzene	<1.9	<1.9	<5	<1.9	<2.0	<5	<1.9	<5	<1
n-nitrosodimethylamine	<10	<10	<10	<10	<10	<10	<10	<10	<1
n-nitrosodi-n-propylamine	<10	<10	<6	<10	<10	<6	<10	<6	<1
n-nitrosodiphenylamine	3.8	<1.9	<82	<1.9	<2.0	<82	<1.9	<82	<1
phenanthrene	<5.5	<5.5	<4	<5.5	<5.6	<4	<5.5	<4	<1
pyrene	<1.9	<1.9	<5	<1.9	<2.0	<5	<1.9	<5	<1
1,2,4-trichlorobenzene	<1.9	<1.9	<7	<1.9	<2.0	<7	<1.9	<7	<1
Sub Total	304.7	273.8	2	1107.3	1146.4	3	5.1	0	0

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Table E-3. Summary of Base/Neutral Extractable Compounds in Ground Water, Monsanto Company, W.G. Krummrich Plant, Sauget, Il

Well Number:	Trip Blank	Trip Blank	Trip Blank	Lab Blank	Lab Blank	Lab Blank	Lab Blank	Lab Blank	Lab Blank
Date:	5/84	6/84	9/84	11/83	11/83	5/84	5/84	9/84	9/84
USEPA Priority Pollutant Base/Neutral Extractable Organic Compounds concentrations are in ug/L									
acenaphthene	<1	<4	<4	<1	<1	<1	<1	<4	<4
acenapthylene	<1	<3	<3	<1	<1	<1	<1	<3	<3
anthracene	<1	<4	<4	<1	<1	<1	<1	<4	<4
benzidine	<1	<60	<60	<1	<1	<1	<1	<60	<60
benzo (a) anthracene	<1	<9	<9	<1	<1	<1	<1	<9	<9
benzo (a) pyrene	<1	<12	<12	<1	<1	<1	<1	<12	<12
benzo (b) fluoroanthene	<1	<11	<11	<1	<1	<1	<1	<11	<11
benzo (ghi) perylene	<1	<14	<14	<1	<1	<1	<1	<14	<14
benzo (k) fluoranthene	<1	<11	<11	<1	<1	<1	<1	<11	<11
bis (2-chloroethoxy) methane	<1	<4	<4	<1	<1	<1	<1	<4	<4
bis (2-chloroethyl) ether	<1	<4	<4	<1	<1	<1	<1	<4	<4
bis (2-chloroisopropyl) ether	<1	<3	<3	<1	<1	<1	<1	<3	<3
bis (2-ethylhexyl) phthalate	<1	<10	<10	<1	<1	3	1	1	4
4-bromophenyl phenyl ether	<1	<16	<16	<1	<1	<1	<1	<16	<16
butyl benzyl phthalate	<1	<13	<13	<1	<1	<1	<1	<13	<13
2-chloronaphthalene	<1	<4	<4	<1	<1	<1	<1	<4	<4
4-chlorophenyl phenyl ether	<1	<9	<9	<1	<1	<1	<1	<9	<9
chrysene	<1	<9	<9	<1	<1	<1	<1	<9	<9
dibenzo (a,h) anthracene	<1	<16	<16	<1	<1	<1	<1	<16	<16
1,2-dichlorobenzene	<1	<5	<5	<1	<1	<1	<1	<5	<5
1,3-dichlorobenzene	<1	<6	<6	<1	<1	<1	<1	<6	<6
1,4-dichlorobenzene	<1	<5	<5	<1	<1	<1	<1	<5	<5
3,3-dichlorobenzidine	<1	<161	<161	<1	<1	<1	<1	<161	<161
diethyl phthalate	<1	<4	<4	<1	<1	1	1	<4	<4
dimethyl phthalate	<1	<4	<4	<1	<1	<1	<1	<4	<4
di-n-butyl phthalate	<1	<3	4	1	<1	<1	2	6	4
2,4-dinitrotoluene	<1	<14	<14	<1	<1	<1	<1	<14	<14
2,6-dinitrotoluene	<1	<16	<16	<1	<1	<1	<1	<16	<16
di-n-octyl phthalate	<1	<6	<6	<1	<1	<1	<1	<6	<6
1,2-diphenylhydrazine	<1	<10	<10	<1	<1	<1	<1	<10	<10
fluoranthene	<1	<5	<5	<1	<1	<1	<1	<5	<5
fluorene	<1	<4	<4	<1	<1	<1	<1	<4	<4
hexachlorobenzene	<1	<15	<15	<1	<1	<1	<1	<15	<15
hexachlorobutadiene	<1	<13	<13	<1	<1	<1	<1	<13	<13
hexachlorocyclopentadiene	<1	<12	<12	<1	<1	<1	<1	<12	<12
hexachloroethane	<1	<10	<10	<1	<1	<1	<1	<10	<10
indeno (1,2,3-c,d) pyrene	<1	<7	<7	<1	<1	<1	<1	<7	<7
isophorone	<1	<2	<2	<1	<1	<1	<1	<2	<2
naphthalene	<1	<2	<2	<1	<1	<1	<1	<2	<2
nitrobenzene	<1	<5	<5	<1	<1	<1	<1	<5	<5
n-nitrosodimethylamine	<1	<10	<10	<1	<1	<1	<1	<10	<10
n-nitrosodi-n-propylamine	<1	<6	<6	<1	<1	<1	<1	<6	<6
n-nitrosodiphenylamine	<1	<82	<82	<1	<1	<1	<1	<82	<82
phenanthrene	<1	<4	<4	<1	<1	<1	<1	<4	<4
pyrene	<1	<5	<5	<1	<1	<1	<1	<5	<5
1,2,4-trichlorobenzene	<1	<7	<7	<1	<1	<1	<1	<7	<7
Sub Total 1	0	0	4	1	0	4	4	7	8

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Table E-3. Summary of Base/Neutral Extractable Compounds in Ground Water, Monsanto Company, W.G. Krummrich Plant, Sauget, Il

Well Number:	BK-3	BK-3	WB-6	WB-6	WB-6	WB-7	WB-7	Field Blank	Field Blank
Date:	11/85	2/86	9/84**	11/85	2/86	9/84	11/85	6/84	6/84
Miscellaneous Base/Neutral Extractable Organic Compounds concentrations are in ug/L									
2-nitroaniline	<10	<10	<25-30	<10	<10	<25-30	<10	NA	NA
4-nitroaniline	<10	<10	<25-30	<10	<10	<25-30	<10	NA	NA
2-nitrochlorobenzene	<10	<10	<10	<10	<10	<10	<10	NA	NA
4-nitrochlorobenzene	<10	<10	<10	<10	<10	<10	<10	NA	NA
2,4-and 3,4-dinitrochlorobenzene	<10	<10	<10	<10	<10	<10	<10	NA	NA
4-nitrodiphenylamine	<10	<10	<10	<10	<10	<10	<10	NA	NA
triphenyl phosphate	<10	<10	<10	<10	<10	<10	<10	NA	NA
2,3,7,8-tetrachloro-dibenzo-p-dioxin	NA	NA	<10	NA	NA	NA	NA	NA	NA
2-nitrobiphenyl	NA	NA	<10	NA	NA	<10	NA	NA	NA
4-nitrobiphenyl	NA	NA	<10	NA	NA	<10	NA	NA	NA
Sub Total 2	0	0	0	0	0	0	0	NA	NA
Total Base/Neutral Compounds Analyzed	304.7	273.8	2	1107.3	1146.4	3	5.1	0	0

SAUGET Analytical Data
Area 1 - Monsanto

GROUNDWATER SAMPLES
Base/Neutral Extractable Compounds (UG/L)
Collected by Geraghty & Miller (11/83, 11/84)

Sample Number	GM-1	GM-1	GM-2	GM-2	GM-3	GM-3	GM-3	GM-4A	GM-4A	GM-4B	Maximum
Date Collected	11/83	5/84	11/83	5/84	11/83	5/84	5/84*	11/83	5/84	9/84	Detected
Base/Neutral											
Acenaphthene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenapthylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Anthracene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzidine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)pyrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)fluoranthene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(ghi)perylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(k)fluoranthene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroethoxy)methane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroethyl)ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroisopropyl)ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	24	24
Bis(2-ethylhexyl)phthalate	ND	ND	13	ND	1	ND	ND	ND	2	ND	13
4-Bromophenyl phenyl ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	8	8
Butyl benzyl phthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloronaphthalene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chlorophenyl phenyl ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chrysene	ND	ND	ND	ND	ND	ND	ND	ND	ND	159	159
Dibenzo(a,h)anthracene	ND	ND	ND	ND	ND	ND	ND	ND	ND	12	12
1,2-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	681	681
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3,3-Dichlorobenzidine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Diethyl phthalate	ND	3	ND	2	ND	1	1	ND	1	ND	3
Dimethyl phthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-n-buyl phthalate	1	2	2	3	2	3	2	2	ND	ND	3
2,4-Dinitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,6-Dinitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-n-octyl phthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Diphenylhydrazine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluorene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorocyclopentadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachloroehtane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-c,d)pyrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isophorone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nitrobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Nitrosodimethylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Nitrosodi-n-propylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Nitrosodiphenylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	25	25
Phenanthrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pyrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SUB TOTAL 1	1	5	15	5	3	4	3	2	3	923	
2-Nitroaniline	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND
4-Nitroaniline	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND
2-Nitrochlorobenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND
4-Nitrochlorobenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND
2,4-and 3,4-Dinitrochlorobenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND
4-Nitrodiphenylamine	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND
Triphenyl phosphate	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND
2,3,7,8-Tetrachloro-dibenzo-p-dioxin	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND
2-Nitrobiphenyl	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND
4-Nitrobiphenyl	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND
SUB TOTAL 2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
TOTAL Base/Neutral Analyzed	1	5	15	5	3	4	3	2	3	923	

SAUGET Analytical Data
Area 1 - Monsanto

GROUNDWATER SAMPLES
Base/Neutral Extractable Compounds (UG/L)
Collected by Geraghty & Miller (11/83, 11/84)

Sample Number	GM-4B	GM-4B	GM-4B	GM-4B	GM-4B	GM-4C	GM-4C	GM-5	GM-5	GM-6A	Maximum
Date Collected	11/84	11/84*	2/85	11/85	11/85*	2/85	5/85	11/83	5/84	11/83	Detected
Base/Neutral											
Acenaphthene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenapthylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Anthracene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzidine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)pyrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)fluoranthene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(ghi)perylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(k)fluoranthene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroethoxy)methane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroethyl)ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroisopropyl)ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-ethylhexyl)phthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Bromophenyl phenyl ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Butyl benzyl phthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloronaphthalene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chlorophenyl phenyl ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chrysene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzo(a,h)anthracene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	258	123	105	85.6	99.2	91.7	40	ND	ND	ND	258
1,3-Dichlorobenzene	56	37	31.6	82.8	42.4	73.3	24	ND	ND	ND	82.8
1,4-Dichlorobenzene	1220	333	963	336	463	1,030	295	ND	ND	ND	1220
3,3-Dichlorobenzidine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Diethyl phthalate	ND	ND	ND	ND	ND	ND	ND	ND	1	ND	#REF!
Dimethyl phthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-n-buyl phthalate	ND	ND	ND	ND	ND	ND	ND	1	1	2	2
2,4-Dinitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,6-Dinitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-n-octyl phthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Diphenylhydrazine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluorene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	#REF!
Hexachlorobutadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorocyclopentadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachloroehtane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-c,d)pyrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isophorone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nitrobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Nitrosodimethylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Nitrosodi-n-propylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Nitrosodiphenylamine	25	ND	ND	ND	ND	ND	ND	ND	ND	ND	25
Phenanthrene	ND	ND	ND	ND	ND	ND	ND	ND	1	ND	1
Pyrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SUB TOTAL 1	1534	493	1099.6	504.4	626.1	1267.4	359	1	3	2	
2-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	ND
4-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	ND
2-Nitrochlorobenzene	ND	ND	ND	ND	ND	19.9	ND	NA	NA	NA	19.9
4-Nitrochlorobenzene	ND	ND	ND	ND	ND	23.6	ND	NA	NA	NA	23.6
2,4-and 3,4-Dinitrochlorobenzene	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	ND
4-Nitrodiphenylamine	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	ND
Triphenyl phosphate	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	ND
2,3,7,8-Tetrachloro-dibenzo-p-dioxin	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND
2-Nitrobiphenyl	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND
4-Nitrobiphenyl	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND
SUB TOTAL 2	0	0	0	0	43.5	0	0				
TOTAL Base/Neutral Analyzed	1534	493	1099.6	504.4	669.6	1267.4	359	1	3	2	

SAUGET Analytical Data
Area 1 - Monsanto

GROUNDWATER SAMPLES
Base/Neutral Extractable Compounds (UG/L)
Collected by Geraghty & Miller (11/83, 11/84)

Sample Number	GM-6A	GM-6A	GM-6B	GM-6B	GM-6B	GM-7	GM-7	GM-8	GM-8	GM-8	Maximum
Date Collected	5/84	11/84	9/84**	11/84	11/85	11/83	5/84	11/83	5/84	11/84	Detected
Base/Neutral											
Acenaphthene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenapthylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Anthracene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzidine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)pyrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)fluoranthene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(ghi)perylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(k)fluoranthene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroethoxy)methane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroethyl)ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroisopropyl)ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-ethylhexyl)phthalate	5	ND	12	ND	ND	1	2	1	3	ND	12
4-Bromophenyl phenyl ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Butyl benzyl phthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloronaphthalene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chlorophenyl phenyl ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chrysene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzo(a,h)anthracene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	ND	ND	37	25	31.5	ND	ND	ND	ND	ND	37
1,3-Dichlorobenzene	ND	ND	ND	ND	10	ND	ND	ND	ND	ND	10
1,4-Dichlorobenzene	ND	ND	55	24	161	ND	ND	ND	ND	ND	161
3,3-Dichlorobenzidine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Diethyl phthalate	1	ND	ND	ND	ND	ND	2	ND	1	ND	2
Dimethyl phthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-n-buyl phthalate	2	ND	2	ND	ND	2	3	1	3	ND	3
2,4-Dinitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,6-Dinitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-n-octyl phthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Diphenylhydrazine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluorene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorocyclopentadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachloroehtane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-c,d)pyrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isophorone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nitrobenzene	ND	ND	ND	ND	ND	ND	ND	8	1	ND	8
n-Nitrosodimethylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Nitrosodi-n-propylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Nitrosodiphenylamine	ND	ND	15	ND	ND	ND	ND	ND	ND	ND	15
Phenanthrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pyrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SUB TOTAL 1	8	0	121	49	202.5	3	7	10	8	0	
2-Nitroaniline	NA	NA	NA	ND	ND	ND	NA	NA	NA	ND	ND
4-Nitroaniline	NA	NA	NA	ND	ND	ND	NA	NA	NA	ND	ND
2-Nitrochlorobenzene	NA	NA	NA	ND	ND	ND	NA	NA	NA	ND	ND
4-Nitrochlorobenzene	NA	NA	NA	ND	ND	ND	NA	NA	NA	ND	ND
2,4-and 3,4-Dinitrochlorobenzene	NA	NA	NA	ND	ND	ND	NA	NA	NA	ND	ND
4-Nitrodiphenylamine	NA	NA	NA	ND	ND	ND	NA	NA	NA	ND	ND
Triphenyl phosphate	NA	NA	NA	ND	ND	ND	NA	NA	NA	ND	ND
2,3,7,8-Tetrachloro-dibenzo-p-dioxin	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND
2-Nitrobiphenyl	NA	NA	NA	NA	ND	NA	NA	NA	NA	ND	ND
4-Nitrobiphenyl	NA	NA	NA	NA	ND	NA	NA	NA	NA	ND	ND
SUB TOTAL 2	NA	0	0	0	0	NA	NA	NA	NA	0	
TOTAL Base/Neutral Analyzed	8	0	121	49	202.5	3	7	10	8	0	

SAUGET Analytical Data
Area 1 - Monsanto

GROUNDWATER SAMPLES
Base/Neutral Extractable Compounds (UG/L)
Collected by Geraghty & Miller (11/83, 11/84)

Sample Number	GM-8	GM-8	GM-9A	GM-9A	GM-9B	GM-9B	GM-9B	GM-9C	GM-9C	GM-9C	Maximum
Date Collected	2/85	11/85	11/83	5/84	9/84**	5/85	11/85	9/84**	5/85	11/85	Detected
Base/Neutral											
Acenaphthene	ND	ND	ND	ND	ND	ND	ND	ND	2.2	ND	2.2
Acenapthylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Anthracene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzidine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)pyrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)fluoranthene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(ghi)perylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(k)fluoranthene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroethoxy)methane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroethyl)ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroisopropyl)ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-ethylhexyl)phthalate	ND	ND	ND	3	89	ND	ND	ND	ND	ND	89
4-Bromophenyl phenyl ether	ND	ND	ND	ND	ND	ND	ND	8	ND	ND	8
Butyl benzyl phthalate	ND	ND	ND	14	ND	ND	ND	ND	ND	ND	14
2-Chloronaphthalene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chlorophenyl phenyl ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chrysene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzo(a,h)anthracene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	ND	ND	33	30	30	ND	ND	ND	5	4.4	33
1,3-Dichlorobenzene	ND	ND	ND	2	ND	ND	ND	ND	2.4	ND	2.4
1,4-Dichlorobenzene	ND	ND	38	40	ND	0.5	ND	64	49.9	50	64
3,3-Dichlorobenzidine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Diethyl phthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dimethyl phthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-n-buyl phthalate	ND	ND	1	2	4	ND	ND	ND	ND	ND	4
2,4-Dinitrotoluene	ND	ND	ND	ND	ND	ND	ND	3	ND	ND	3
2,6-Dinitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-n-octyl phthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Diphenylhydrazine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluorene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorocyclopentadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachloroehtane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-c,d)pyrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isophorone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nitrobenzene	2.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.2
n-Nitrosodimethylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Nitrosodi-n-propylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Nitrosodiphenylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pyrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SUB TOTAL 2	2.2	0	72	91	123	0.5	0	75	59.5	54.5	
2-Nitroaniline	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitroaniline	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND
2-Nitrochlorobenzene	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitrochlorobenzene	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND
2,4-and 3,4-Dinitrochlorobenzene	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitrodiphenylamine	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND
Triphenyl phosphate	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND
2,3,7,8-Tetrachloro-dibenzo-p-dioxin	NA	NA	NA	ND	ND	ND	NA	NA	ND	ND	ND
2-Nitrobiphenyl	ND	ND	NA	ND	ND	ND	NA	ND	ND	ND	ND
4-Nitrobiphenyl	ND	ND	NA	ND	ND	ND	NA	ND	ND	ND	ND
SUB TOTAL 2	0	0	NA	NA	0	0	0	0	0	0	
TOTAL Base/Neutral Analyzed	2.2	0	72	91	123	0.5	0	75	59.5	54.5	

SAUGET Analytical Data
Area 1 - Monsanto

GROUNDWATER SAMPLES
Base/Neutral Extractable Compounds (UG/L)
Collected by Geraghty & Miller (11/83, 11/84)

Sample Number	GM-10A	GM-10A	GM-10B	GM-10B	GM-10C	GM-10C	GM-11	GM-11	GM-12A	GM-12A	Maximum
Date Collected	11/83	5/84	2/85	5/85	2/85	5/85	11/83	5/84	11/83	11/83*	Detected
Base/Neutral											
Acenaphthene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenapthylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Anthracene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzidine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)pyrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)fluoranthene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(ghi)perylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(k)fluoranthene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroethoxy)methane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroethyl)ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroisopropyl)ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-ethylhexyl)phthalate	ND	4	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Bromophenyl phenyl ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Butyl benzyl phthalate	1	ND	ND	ND	ND	ND	ND	3	ND	ND	ND
2-Chloronaphthalene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chlorophenyl phenyl ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chrysene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzo(a,h)anthracene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	ND	ND	ND	ND	ND	4.3	ND	ND	366	357	ND
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	3	ND	ND	ND	ND	3
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	15.3	ND	ND	ND	ND	15.3
3,3-Dichlorobenzidine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Diethyl phthalate	ND	1	ND	ND	ND	ND	ND	1	ND	ND	1
Dimethyl phthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-n-buyl phthalate	1	3	ND	ND	ND	ND	1	2	2	1	2
2,4-Dinitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,6-Dinitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-n-octyl phthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Diphenylhydrazine	ND	ND	55.7	13.5	4.9	ND	ND	ND	ND	ND	ND
Fluoranthene	ND	ND	156	34	4	ND	ND	ND	ND	ND	ND
Fluorene	ND	ND	1,080	188	22.1	ND	ND	ND	ND	ND	ND
Hexachlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorocyclopentadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachloroehtane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-c,d)pyrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isophorone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nitrobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Nitrosodimethylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Nitrosodi-n-propylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Nitrosodiphenylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pyrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SUB TOTAL 2	2	8	1295.6	235.5	31	22.6	1	6	368	358	ND
2-Nitroaniline	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitroaniline	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Nitrochlorobenzene	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitrochlorobenzene	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-and 3,4-Dinitrochlorobenzene	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitrodiphenylamine	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
Triphenyl phosphate	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,3,7,8-Tetrachloro-dibenzo-p-dioxin	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND
2-Nitrobiphenyl	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND
4-Nitrobiphenyl	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND
SUB TOTAL 2	0	NA	NA	NA	NA	0	NA	NA	368	358	
TOTAL Base/Neutral Analyzed	2	8	1295.6	235.5	31	22.6	1	6	368	358	

SAUGET Analytical Data
Area 1 - Monsanto

GROUNDWATER SAMPLES
Base/Neutral Extractable Compounds (UG/L)
Collected by Geraghty & Miller (11/83, 11/84)

Sample Number	GM-12A	GM-12A	GM-12A	GM-12A	GM-12A	GM-12A	GM-12A	GM-12A	GM-12A	GM-12A	Maximum
Date Collected	5/84	5/84**	11/84	11/84*	2/85	2/85*	5/85	5/85*	11/85	11/85	Detected
Base/Neutral											
Acenaphthene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenapthylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Anthracene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzidine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)pyrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)fluoranthene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(ghi)perylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(k)fluoranthene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroethoxy)methane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroethyl)ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroisopropyl)ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-ethylhexyl)phthalate	211	2	ND	ND	ND	434	ND	13.8	ND	ND	434
4-Bromophenyl phenyl ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Butyl benzyl phthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloronaphthalene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chlorophenyl phenyl ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chrysene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzo(a,h)anthracene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	344	364	539	473	295	213	164.4	201	235	250	539
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3,3-Dichlorobenzidine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Diethyl phthalate	2	2	ND	ND	ND	ND	ND	ND	ND	ND	2
Dimethyl phthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-n-butyl phthalate	3	3	ND	ND	ND	ND	ND	ND	ND	ND	3
2,4-Dinitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,6-Dinitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-n-octyl phthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Diphenylhydrazine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluorene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorocyclopentadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachloroehtane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-c,d)pyrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isophorone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	4	4	ND	ND	1.8	1.9	1.8	2.3	ND	ND	4
Nitrobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Nitrosodimethylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Nitrosodi-n-propylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Nitrosodiphenylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pyrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SUB TOTAL 2	564	376	539	473	296.8	648.9	166.2	217.1	235	250	
2-Nitroaniline	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitroaniline	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Nitrochlorobenzene	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitrochlorobenzene	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-and 3,4-Dinitrochlorobenzene	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitrodiphenylamine	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
Triphenyl phosphate	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,3,7,8-Tetrachloro-dibenzo-p-dioxin	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND
2-Nitrobiphenyl	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND
4-Nitrobiphenyl	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND
SUB TOTAL 2	NA	NA	0	0	0	0	0	0	0	0	
TOTAL Base/Neutral Analyzed	564	376	539	473	296.8	648.9	166.2	217.1	235	250	

SAUGET Analytical Data

Area 1 - Monsanto

GROUNDWATER SAMPLES

Base/Neutral Extractable Compounds (UG/L)

Collected by Geraghty & Miller (11/83, 11/84)

Sample Number	GM-12A	GM-12A	GM-12B	GM-12B	GM-12B	GM-12C	GM-12C	GM-12C	GM-12C	GM-13	Maximum
Date Collected	2/86	2/86*	9/84**	11/84	11/85	2/85	2/85*	5/85	5/85*	9/84**	Detected
Base/Neutral											
Acenaphthene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenapthylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Anthracene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzidine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)pyrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)fluoranthene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(ghi)perylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(k)fluoranthene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroethoxy)methane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroethyl)ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroisopropyl)ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-ethylhexyl)phthalate	ND	ND	ND	10	ND	ND	ND	ND	ND	ND	10
4-Bromophenyl phenyl ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Butyl benzyl phthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloronaphthalene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chlorophenyl phenyl ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chrysene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzo(a,h)anthracene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	248	255	3	ND	74.2	124	97.4	54	49.7	347	347
1,3-Dichlorobenzene	ND	ND	ND	ND	27.8	ND	ND	ND	ND	ND	27.8
1,4-Dichlorobenzene	ND	ND	ND	ND	27.1	ND	ND	ND	ND	ND	27.1
3,3-Dichlorobenzidine	ND	ND	ND	ND	ND	ND	ND	ND	ND	31	31
Diethyl phthalate	ND	ND	2	ND	ND	ND	ND	ND	ND	ND	2
Dimethyl phthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-n-buyl phthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,6-Dinitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-n-octyl phthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Diphenylhydrazine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluorene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorocyclopentadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachloroehtane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-c,d)pyrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isophorone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	ND	ND	ND	ND	4.1	4.1	3.1	ND	1.8	ND	4.1
Nitrobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Nitrosodimethylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Nitrosodi-n-propylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Nitrosodiphenylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pyrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	ND	ND	2	ND	ND	ND	ND	ND	ND	ND	2
SUB TOTAL 2	248	255	7	10	129.1	128.1	100.5	54	51.5	425	
2-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Nitrochlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitrochlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-and 3,4-Dinitrochlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitrodiphenylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Triphenyl phosphate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,3,7,8-Tetrachloro-dibenzo-p-dioxin	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND
2-Nitrobiphenyl	NA	NA	ND	NA	NA	NA	NA	NA	NA	ND	ND
4-Nitrobiphenyl	NA	NA	ND	NA	NA	NA	NA	NA	NA	ND	ND
SUB TOTAL 2	0	0	0	0	45.2	0	0	0	0	0	
TOTAL Base/Neutral Analyzed	0	255	7	10	174.3	128.1	100.5	54	51.5	425	

SAUGET Analytical Data
Area 1 - Monsanto

GROUNDWATER SAMPLES
Base/Neutral Extractable Compounds (UG/L)
Collected by Geraghty & Miller (11/83, 11/84)

Sample Number	GM-13	GM-13	GM-14	GM-15	GM-16A	GM-16A	GM-16A	GM-16B	GM-16B	GM-16B	Maximum
Date Collected	11/85	2/86	9/84**	9/84**	9/84**	5/85	11/85	9/84**	5/85	11/85	Detected
Base/Neutral											
Acenaphthene	ND	ND	NA	ND	ND	ND	ND	ND	1.9	ND	1.9
Acenapthylene	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND
Anthracene	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND
Benzidine	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)pyrene	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)fluoranthene	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(ghi)perylene	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(k)fluoranthene	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroethoxy)methane	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroethyl)ether	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroisopropyl)ether	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-ethylhexyl)phthalate	ND	ND	NA	ND	6	ND	ND	8	ND	24.7	24.7
4-Bromophenyl phenyl ether	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND
Butyl benzyl phthalate	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloronaphthalene	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND
4-Chlorophenyl phenyl ether	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND
Chrysene	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzo(a,h)anthracene	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	3,630	4,020	NA	185	ND	ND	ND	ND	ND	ND	4020
1,3-Dichlorobenzene	97.3	126	NA	35	ND	ND	ND	ND	ND	ND	126
1,4-Dichlorobenzene	1,310	2,260	NA	ND	ND	ND	ND	ND	ND	ND	2260
3,3-Dichlorobenzidine	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND
Diethyl phthalate	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND
Dimethyl phthalate	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND
Di-n-buyl phthalate	ND	ND	NA	3	3	ND	ND	2	ND	ND	3
2,4-Dinitrotoluene	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND
2,6-Dinitrotoluene	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND
Di-n-octyl phthalate	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Diphenylhydrazine	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND
Fluorene	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobenzene	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorocyclopentadiene	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND
Hexachloroethane	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-c,d)pyrene	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND
Isophorone	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND
Nitrobenzene	ND	ND	NA	8	ND	ND	ND	ND	ND	ND	8
n-Nitrosodimethylamine	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND
n-Nitrosodi-n-propylamine	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND
n-Nitrosodiphenylamine	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND
Pyrene	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	ND	ND	NA	12	ND	ND	ND	ND	ND	ND	12
SUB TOTAL 2	5037.3	6406	NA	244	9	0	0	10	1.9	24.7	
2-Nitroaniline	771	ND	NA	ND	ND	ND	ND	ND	ND	ND	771
4-Nitroaniline	346	ND	NA	ND	ND	ND	ND	ND	ND	ND	346
2-Nitrochlorobenzene	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitrochlorobenzene	1,290	ND	NA	ND	ND	ND	ND	ND	ND	ND	1290
2,4-and 3,4-Dinitrochlorobenzene	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitrodiphenylamine	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND
Triphenyl phosphate	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND
2,3,7,8-Tetrachloro-dibenzo-p-dioxin	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA	ND
2-Nitrobiphenyl	NA	NA	NA	ND	ND	NA	NA	ND	NA	NA	ND
4-Nitrobiphenyl	NA	NA	NA	ND	ND	NA	NA	ND	NA	NA	ND
SUB TOTAL 2	2407	0	NA	0	0	0	0	0	0	0	
TOTAL Base/Neutral Analyzed	7444.3	6406	NA	244	9	0	0	10	1.9	24.7	

SAUGET Analytical Data
Area 1 - Monsanto

GROUNDWATER SAMPLES
Base/Neutral Extractable Compounds (UG/L)
Collected by Geraghty & Miller (11/83, 11/84)

Sample Number	GM-17A	GM-17A	GM-17A	GM-17B	GM-17B	GM-17B	GM-17C	GM-17C	GM-17C	GM-18A	Maximum
Date Collected	09/84	11/84	11/85	9/84**	11/84	11/85	9/84**	11/84	11/85	9/84**	Detected
Base/Neutral											
Acenaphthene	ND	ND	ND	ND	ND	ND	1	ND	ND	ND	1
Acenapthylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Anthracene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzidine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)pyrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)fluoranthene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(ghi)perylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(k)fluoranthene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroethoxy)methane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroethyl)ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroisopropyl)ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-ethylhexyl)phthalate	2	ND	ND	ND	ND	ND	10	ND	ND	4	10
4-Bromophenyl phenyl ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Butyl benzyl phthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloronaphthalene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chlorophenyl phenyl ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chrysene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzo(a,h)anthracene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	ND	ND	ND	ND	ND	4.57	113	147	286	ND	286
1,3-Dichlorobenzene	ND	ND	ND	5	ND	ND	776	57	126	ND	776
1,4-Dichlorobenzene	6	ND	ND	47	70	64	ND	1,560	945	ND	1560
3,3-Dichlorobenzidine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Diethyl phthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dimethyl phthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-n-buyl phthalate	5	ND	ND	ND	ND	ND	5	ND	ND	5	5
2,4-Dinitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,6-Dinitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-n-octyl phthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Diphenylhydrazine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluorene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorocyclopentadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachloroehtane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-c,d)pyrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isophorone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nitrobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Nitrosodimethylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Nitrosodi-n-propylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Nitrosodiphenylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pyrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	ND	10	ND	ND	ND	10
SUB TOTAL 2	13	0	0	52	70	68.57	915	1764	1357	9	
2-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Nitrochlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitrochlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-and 3,4-Dinitrochlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitrodiphenylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Triphenyl phosphate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,3,7,8-Tetrachloro-dibenzo-p-dioxin	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND
2-Nitrobiphenyl	ND	NA	NA	ND	NA	NA	ND	NA	NA	ND	ND
4-Nitrobiphenyl	ND	NA	NA	ND	NA	NA	ND	NA	NA	ND	ND
SUB TOTAL 2	0	0	0	0	0	0	0	0	0	0	
TOTAL Base/Neutral Analyzed	13	0	0	52	70	68.57	915	1764	1357	9	

SAUGET Analytical Data
Area 1 - Monsanto

GROUNDWATER SAMPLES
Base/Neutral Extractable Compounds (UG/L)
Collected by Geraghty & Miller (11/83, 11/84)

Sample Number	GM-18A	GM-18A	GM-18B	GM-18B	GM-18B	GM-25A	GM-25A	GM-25B**	GM-25B	GM-25B	Maximum
Date Collected	5/85	11/85	9/84**	5/85	11/85	9/84	11/84	09/84	11/84	11/85	Detected
Base/Neutral											
Acenaphthene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenapthylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Anthracene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzidine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)pyrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)fluoranthene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(ghi)perylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(k)fluoranthene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroethoxy)methane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroethyl)ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroisopropyl)ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-ethylhexyl)phthalate	ND	ND	3	ND	ND	19	22	14	ND	36.3	36.3
4-Bromophenyl phenyl ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Butyl benzyl phthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloronaphthalene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chlorophenyl phenyl ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chrysene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzo(a,h)anthracene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3,3-Dichlorobenzidine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Diethyl phthalate	ND	ND	1	ND	ND	ND	ND	2	ND	ND	2
Dimethyl phthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-n-buyl phthalate	ND	ND	7	ND	ND	5	ND	10	ND	ND	10
2,4-Dinitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,6-Dinitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-n-octyl phthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Diphenylhydrazine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluorene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorocyclopentadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachloroehtane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-c,d)pyrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isophorone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nitrobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Nitrosodimethylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Nitrosodi-n-propylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Nitrosodiphenylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pyrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SUB TOTAL 2	0	0	11	0	0	24	22	26	0	36.3	
2-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Nitrochlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitrochlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-and 3,4-Dinitrochlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitrodiphenylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Triphenyl phosphate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,3,7,8-Tetrachloro-dibenzo-p-dioxin	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND
2-Nitrobiphenyl	NA	NA	ND	NA	NA	ND	NA	ND	NA	NA	ND
4-Nitrobiphenyl	NA	NA	ND	NA	NA	ND	NA	ND	NA	NA	ND
SUB TOTAL 2	0	0	0	0	0	0	0	0	0	0	
TOTAL Base/Neutral Analyzed	0	0	11	0	0	24	22	26	0	36.3	

SAUGET Analytical Data
Area 1 - Monsanto

GROUNDWATER SAMPLES
Base/Neutral Extractable Compounds (UG/L)
Collected by Geraghty & Miller (11/83, 11/84)

Sample Number	GM-27B	GM-27B	GM-27B	GM-27C	GM-27C	GM-27C	GM-28B	GM-28B	GM-28B	GM-28C	Maximum
Date Collected	9/84**	11/85	2/86	9/84**	11/85	2/86	9/84**	11/85	2/86	9/84**	Detected
Base/Neutral											
Acenaphthene	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
Acenapthylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
Anthracene	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
Benzidine	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
Benzo(a)anthracene	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
Benzo(a)pyrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
Benzo(a)fluoranthene	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
Benzo(ghi)perylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
Benzo(k)fluoranthene	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
Bis(2-chloroethoxy)methane	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
Bis(2-chloroethyl)ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
Bis(2-chloroisopropyl)ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
Bis(2-ethylhexyl)phthalate	9	ND	11.7	4	54	ND	11	ND	ND	NA	54
4-Bromophenyl phenyl ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
Butyl benzyl phthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
2-Chloronaphthalene	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
4-Chlorophenyl phenyl ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
Chrysene	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
Dibenzo(a,h)anthracene	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
1,2-Dichlorobenzene	3	2.6	ND	3	72.8	103	ND	102	1,720	NA	1720
1,3-Dichlorobenzene	ND	ND	ND	ND	5.5	3.1	ND	ND	5.4	NA	5.5
1,4-Dichlorobenzene	11	13.3	27.6	2	52	76.5	127	18.8	231	NA	231
3,3-Dichlorobenzidine	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
Diethyl phthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
Dimethyl phthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
Di-n-buyl phthalate	6	ND	ND	8	ND	ND	7	ND	ND	NA	8
2,4-Dinitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
2,6-Dinitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
Di-n-octyl phthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
1,2-Diphenylhydrazine	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
Fluoranthene	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
Fluorene	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
Hexachlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
Hexachlorobutadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
Hexachlorocyclopentadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
Hexachloroehtane	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
Indeno(1,2,3-c,d)pyrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
Isophorone	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
Naphthalene	ND	ND	ND	ND	ND	ND	ND	2.3	ND	NA	ND
Nitrobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
n-Nitrosodimethylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
n-Nitrosodi-n-propylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
n-Nitrosodiphenylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
Phenanthrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
Pyrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	29.6	NA	29.6
SUB TOTAL 2	29	15.9	39.3	17	189.5	182.6	145	123.1	1986	NA	
2-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
4-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
2-Nitrochlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	160	NA	160
4-Nitrochlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	36.6	NA	36.6
2,4-and 3,4-Dinitrochlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
4-Nitrodiphenylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
Triphenyl phosphate	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
2,3,7,8-Tetrachloro-dibenzo-p-dioxin	ND	NA	NA	NA	NA	NA	ND	NA	NA	NA	ND
2-Nitrobiphenyl	ND	NA	NA	ND	NA	NA	ND	NA	NA	NA	ND
4-Nitrobiphenyl	ND	NA	NA	ND	NA	NA	ND	NA	NA	NA	ND
SUB TOTAL 2	0	0	0	0	0	0	0	0	216.6	NA	
TOTAL Base/Neutral Analyzed	29	15.9	39.3	17	189.5	182.6	145	123.1	2202.6	NA	

SAUGET Analytical Data
Area 1 - Monsanto

GROUNDWATER SAMPLES
Base/Neutral Extractable Compounds (UG/L)
Collected by Geraghty & Miller (11/83, 11/84)

Sample Number	GM-28C	GM-28C	GM-29	GM-29	GM-30	GM-30	GM-30	GM-31A	GM-31A	GM-31A	Maximum
Date Collected	11/85	2/86	9/84**	11/85	9/84**	11/85	2/86	2/85	5/85	11/85	Detected
Base/Neutral											
Acenaphthene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenapthylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Anthracene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzidine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)pyrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)fluoranthene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(ghi)perylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(k)fluoranthene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroethoxy)methane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroethyl)ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroisopropyl)ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-ethylhexyl)phthalate	ND	ND	17	ND	ND	ND	ND	ND	ND	ND	17
4-Bromophenyl phenyl ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Butyl benzyl phthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloronaphthalene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chlorophenyl phenyl ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chrysene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzo(a,h)anthracene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	38	3,270	ND	5	ND	3.7	4.7	3.9	3	17.6	3270
1,3-Dichlorobenzene	ND	14.7	ND	ND	ND	ND	ND	ND	ND	ND	14.7
1,4-Dichlorobenzene	10	103	ND	ND	ND	179	123	ND	ND	8	179
3,3-Dichlorobenzidine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Diethyl phthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dimethyl phthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-n-buyl phthalate	ND	ND	3	ND	3	ND	ND	ND	ND	ND	3
2,4-Dinitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,6-Dinitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-n-octyl phthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Diphenylhydrazine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluorene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorocyclopentadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachloroehtane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-c,d)pyrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isophorone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	ND	ND	ND	3.8	ND	ND	ND	ND	ND	ND	3.8
Nitrobenzene	ND	ND	ND	ND	ND	ND	ND	21.7	15	87.8	87.8
n-Nitrosodimethylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Nitrosodi-n-propylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Nitrosodiphenylamine	ND	ND	ND	ND	ND	ND	ND	2.8	ND	ND	2.8
Phenanthrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pyrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	16.2	20.3	ND	ND	ND	ND	ND	ND	ND	ND	20.3
SUB TOTAL 2	64.2	3408	20	8	3	182.7	127.7	28.4	18	113.4	
2-Nitroaniline	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitroaniline	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Nitrochlorobenzene	ND	NA	ND	ND	ND	ND	ND	ND	ND	579	579
4-Nitrochlorobenzene	ND	NA	ND	ND	ND	ND	ND	122	ND	ND	122
2,4-and 3,4-Dinitrochlorobenzene	ND	NA	ND	ND	ND	ND	ND	ND	222	ND	222
4-Nitrodiphenylamine	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
Triphenyl phosphate	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,3,7,8-Tetrachloro-dibenzo-p-dioxin	NA	NA	NA	ND	NA	NA	NA	NA	NA	NA	ND
2-Nitrobiphenyl	NA	NA	NA	ND	ND	NA	ND	ND	ND	41.8	41.8
4-Nitrobiphenyl	NA	NA	NA	ND	ND	NA	ND	ND	ND	ND	ND
SUB TOTAL 2	216.6	NA	0	1954	0	0	0	122	222	620.8	
TOTAL Base/Neutral Analyzed	2202.6	NA	64.2	5362	20	8.8	3	150.4	240	734.2	

SAUGET Analytical Data
Area 1 - Monsanto

GROUNDWATER SAMPLES
Base/Neutral Extractable Compounds (UG/L)
Collected by Geraghty & Miller (11/83, 11/84)

Sample Number	GM-31A	GM-31A(a)	GM-31A(b)	GM-31B	GM-31B	GM-31B	GM-31B	GM-31C	GM-31C	GM-31C	Maximum
Date Collected	11/85*	2/86	2/86	2/85	5/85	11/85	11/85*	2/85	5/85	11/85	Detected
Base/Neutral											
Acenaphthene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenapthylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Anthracene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzidine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)pyrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)fluoranthene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(ghi)perylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(k)fluoranthene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroethoxy)methane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroethyl)ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroisopropyl)ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-ethylhexyl)phthalate	ND	ND	ND	ND	ND	**33.9**	**55.6**	**55.2**	**84**	ND	**84**
4-Bromophenyl phenyl ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Butyl benzyl phthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloronaphthalene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chlorophenyl phenyl ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chrysene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzo(a,h)anthracene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	**16.8**	**25.5**	**10.4**	ND	ND	ND	ND	ND	ND	ND	**25.5**
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	**7.9**	**11.7**	ND	ND	ND	ND	ND	ND	ND	ND	**11.7**
3,3-Dichlorobenzidine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Diethyl phthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dimethyl phthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-n-buyl phthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,6-Dinitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-n-octyl phthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Diphenylhydrazine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluorene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorocyclopentadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachloroehtane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-c,d)pyrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isophorone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nitrobenzene	**93.5**	**168**	130	ND	ND	ND	ND	ND	ND	ND	**168**
n-Nitrosodimethylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Nitrosodi-n-propylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Nitrosodiphenylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pyrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SUB TOTAL 2	**118.2**	**205.2**	**140.4**	**0**	**0**	**33.9**	**55.6**	**55.2**	**0**	**84**	ND
2-Nitroaniline	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitroaniline	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
2-Nitrochlorobenzene	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitrochlorobenzene	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
2,4-and 3,4-Dinitrochlorobenzene	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitrodiphenylamine	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
Triphenyl phosphate	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
2,3,7,8-Tetrachloro-dibenzo-p-dioxin	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND
2-Nitrobiphenyl	**42.9**	ND	ND	ND	ND	ND	ND	ND	ND	ND	**42.9**
4-Nitrobiphenyl	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SUB TOTAL 2	**584.9**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	
TOTAL Base/Neutral Analyzed	**703.1**	**205.2**	**140.4**	**0**	**0**	**33.9**	**55.6**	**55.2**	**0**	**84**	

SAUGET Analytical Data
Area 1 - Monsanto

GROUNDWATER SAMPLES
Base/Neutral Extractable Compounds (UG/L)
Collected by Geraghty & Miller (11/83, 11/84)

Sample Number	GM-31C	B-24A	B-25A	B-25A	B-25B	B-25B	B-27B	B-27B	B-28A	B-29A	Maximum
Date Collected	11/85*	2/86	6/84	11/85	6/84	11/85	9/84**	9/84*	2/86	6/84	Detected
Base/Neutral											
Acenaphthene	ND	ND	ND	ND	ND	ND	NA	NA	ND	ND	ND
Acenapthylene	ND	ND	ND	ND	ND	ND	NA	NA	ND	ND	ND
Anthracene	ND	ND	ND	ND	ND	ND	NA	NA	ND	ND	ND
Benzidine	ND	ND	ND	ND	ND	ND	NA	NA	ND	ND	ND
Benzo(a)anthracene	ND	ND	ND	ND	ND	ND	NA	NA	ND	ND	ND
Benzo(a)pyrene	ND	ND	ND	ND	ND	ND	NA	NA	ND	ND	ND
Benzo(a)fluoranthene	ND	ND	ND	ND	ND	ND	NA	NA	ND	ND	ND
Benzo(ghi)perylene	ND	ND	ND	ND	ND	ND	NA	NA	ND	ND	ND
Benzo(k)fluoranthene	ND	ND	ND	ND	ND	ND	NA	NA	ND	ND	ND
Bis(2-chloroethoxy)methane	ND	ND	ND	ND	ND	ND	NA	NA	ND	ND	ND
Bis(2-chloroethyl)ether	ND	ND	ND	ND	ND	ND	NA	NA	ND	ND	ND
Bis(2-chloroisopropyl)ether	ND	ND	ND	ND	ND	ND	NA	NA	ND	ND	ND
Bis(2-ethylhexyl)phthalate	ND	ND	ND	61.8	ND	ND	NA	NA	ND	ND	61.8
4-Bromophenyl phenyl ether	ND	ND	ND	ND	ND	ND	NA	NA	ND	ND	ND
Butyl benzyl phthalate	ND	ND	ND	ND	ND	ND	NA	NA	ND	ND	ND
2-Chloronaphthalene	ND	ND	ND	ND	ND	ND	NA	NA	ND	ND	ND
4-Chlorophenyl phenyl ether	ND	ND	ND	ND	ND	ND	NA	NA	ND	ND	ND
Chrysene	ND	ND	ND	ND	ND	ND	NA	NA	ND	ND	ND
Dibenzo(a,h)anthracene	ND	ND	ND	ND	ND	ND	NA	NA	ND	ND	ND
1,2-Dichlorobenzene	ND	180	ND	3,790	ND	124	NA	NA	ND	ND	3790
1,3-Dichlorobenzene	ND	2.5	ND	12.6	ND	2.7	NA	NA	ND	ND	12.6
1,4-Dichlorobenzene	ND	114	35	190	ND	ND	NA	NA	ND	ND	190
3,3-Dichlorobenzidine	ND	ND	ND	ND	ND	ND	NA	NA	ND	ND	ND
Diethyl phthalate	ND	ND	ND	ND	ND	ND	NA	NA	ND	ND	ND
Dimethyl phthalate	ND	ND	ND	ND	ND	ND	NA	NA	ND	ND	ND
Di-n-buyl phthalate	ND	ND	ND	ND	91	ND	NA	NA	ND	ND	91
2,4-Dinitrotoluene	ND	ND	ND	ND	ND	ND	NA	NA	ND	ND	ND
2,6-Dinitrotoluene	ND	ND	ND	ND	ND	ND	NA	NA	ND	ND	ND
Di-n-octyl phthalate	ND	ND	ND	ND	ND	ND	NA	NA	ND	127	127
1,2-Diphenylhydrazine	ND	ND	ND	ND	ND	ND	NA	NA	ND	ND	ND
Fluoranthene	ND	ND	ND	ND	ND	ND	NA	NA	ND	ND	ND
Fluorene	ND	ND	ND	ND	ND	ND	NA	NA	ND	ND	ND
Hexachlorobenzene	ND	ND	ND	ND	ND	ND	NA	NA	ND	ND	ND
Hexachlorobutadiene	ND	ND	ND	ND	ND	ND	NA	NA	ND	ND	ND
Hexachlorocyclopentadiene	ND	ND	ND	ND	ND	ND	NA	NA	ND	ND	ND
Hexachloroehtane	ND	ND	ND	ND	ND	ND	NA	NA	ND	ND	ND
Indeno(1,2,3-c,d)pyrene	ND	ND	ND	ND	ND	ND	NA	NA	ND	ND	ND
Isophorone	ND	ND	ND	ND	ND	ND	NA	NA	ND	ND	ND
Naphthalene	ND	15.7	2,350	193	ND	ND	NA	NA	ND	ND	2350
Nitrobenzene	ND	2,850	ND	8,080	ND	31.7	NA	NA	ND	ND	8080
n-Nitrosodimethylamine	ND	ND	ND	ND	ND	4,030	NA	NA	ND	ND	4030
n-Nitrosodi-n-propylamine	ND	ND	ND	ND	ND	ND	NA	NA	ND	ND	ND
n-Nitrosodiphenylamine	ND	ND	ND	ND	ND	ND	NA	NA	ND	ND	ND
Phenanthrene	ND	ND	ND	ND	ND	ND	NA	NA	NA	ND	ND
Pyrene	ND	ND	ND	ND	ND	ND	NA	NA	NA	ND	ND
1,2,4-Trichlorobenzene	ND	ND	17.2	929	ND	37.8	NA	NA	NA	ND	929
SUB TOTAL 2	0	3179.4	2385	13256.4	91	4257.2	NA	NA	0	127	
2-Nitroaniline	ND	ND	NA	570	NA	3,280	NA	NA	ND	NA	3280
4-Nitroaniline	ND	ND	NA	79.2	NA	1,780	NA	NA	ND	NA	1780
2-Nitrochlorobenzene	ND	368,000	NA	226,000	NA	25,600	NA	NA	ND	NA	368000
4-Nitrochlorobenzene	ND	108,000	NA	102,000	NA	15,500	NA	NA	ND	NA	108000
2,4-and 3,4-Dinitrochlorobenzene	ND	ND	NA	ND	NA	ND	NA	NA	ND	NA	ND
4-Nitrodiphenylamine	ND	161	NA	255	NA	34.5	NA	NA	ND	NA	255
Triphenyl phosphate	ND	ND	NA	412	NA	ND	NA	NA	ND	NA	412
2,3,7,8-Tetrachloro-dibenzo-p-dioxin	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND
2-Nitrobiphenyl	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND
4-Nitrobiphenyl	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND
SUB TOTAL 2	0	476161	NA	329316.2	NA	46194.5	NA	NA	0	NA	
TOTAL Base/Neutral Analyzed	0	479340.4	2385	342572.6	91	50451.7	NA	NA	0	127	

SAUGET Analytical Data
Area 1 - Monsanto

GROUNDWATER SAMPLES
Base/Neutral Extractable Compounds (UG/L)
Collected by Geraghty & Miller (11/83, 11/84)

Sample Number	B-29A	B-29B	B-29B	B-29B	B-29B	B-29B	B-30B	B-31B	B-31B	B-31C	Maximum
Date Collected	*11/85*	*6/84*	*6/84**	*6/84**	*11/84*	*11/85*	*9/84***	*11/85*	*2/86*	*9/84***	*Detected*
Base/Neutral											
Acenaphthene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenapthylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Anthracene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzidine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)pyrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)fluoranthene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(ghi)perylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(k)fluoranthene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroethoxy)methane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroethyl)ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroisopropyl)ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-ethylhexyl)phthalate	ND	591	ND	ND	ND	ND	ND	101	ND	ND	591
4-Bromophenyl phenyl ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Butyl benzyl phthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloronaphthalene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chlorophenyl phenyl ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chrysene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzo(a,h)anthracene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	221	1070	ND	13,500	4,200	779	ND	ND	ND	4	13500
1,3-Dichlorobenzene	24	ND	ND	ND	ND	ND	ND	ND	ND	ND	24
1,4-Dichlorobenzene	73.1	ND	240	ND	ND	ND	ND	ND	ND	4	240
3,3-Dichlorobenzidine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Diethyl phthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dimethyl phthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-n-buyl phthalate	ND	ND	ND	ND	ND	ND	ND	4.5	ND	ND	4.5
2,4-Dinitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,6-Dinitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-n-octyl phthalate	ND	304	ND	ND	ND	ND	ND	ND	ND	ND	304
1,2-Diphenylhydrazine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluorene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorocyclopentadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachloroehtane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-c,d)pyrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isophorone	27.5	ND	ND	ND	55	76.6	ND	ND	ND	ND	76.6
Naphthalene	ND	ND	11,600	ND	125	58.6	ND	ND	ND	ND	11600
Nitrobenzene	1,650	ND	ND	ND	2,170	1,060	ND	ND	ND	ND	2170
n-Nitrosodimethylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Nitrosodi-n-propylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Nitrosodiphenylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pyrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	25.5	ND	ND	ND	520	65.5	ND	ND	ND	ND	520
SUB TOTAL 2	2021.1	1965	11840	13500	7070	2039.7	NA	105.5	0	8	
2-Nitroaniline	ND	NA	NA	NA	ND	ND	NA	ND	ND	ND	ND
4-Nitroaniline	189	NA	NA	NA	375	601	NA	ND	ND	ND	601
2-Nitrochlorobenzene	ND	NA	NA	NA	ND	282	NA	ND	ND	ND	282
4-Nitrochlorobenzene	ND	NA	NA	NA	ND	ND	NA	ND	ND	ND	ND
2,4-and 3,4-Dinitrochlorobenzene	ND	NA	NA	NA	ND	ND	NA	ND	ND	ND	ND
4-Nitrodiphenylamine	628	NA	NA	NA	601	949	NA	ND	ND	ND	949
Triphenyl phosphate	132	NA	NA	NA	607	548	NA	ND	ND	ND	607
2,3,7,8-Tetrachloro-dibenzo-p-dioxin	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND
2-Nitrobiphenyl	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND
4-Nitrobiphenyl	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND
SUB TOTAL 2	949	NA	NA	NA	1583	2380	NA	0	0	0	
TOTAL Base/Neutral Analyzed	2970.1	1965	11840	13500	8653	4419.7	NA	105.5	0	8	

SAUGET Analytical Data
Area 1 - Monsanto

GROUNDWATER SAMPLES
Base/Neutral Extractable Compounds (UG/L)
Collected by Geraghty & Miller (11/83, 11/84)

Sample Number	B-31C	B-31C	B-31C	B-101	B-102	GM-106	GM-106	GM-106	P-1	P-2	Maximum
Date Collected	9/84*	11/85	2/86	9/84**	9/84**	11/85	2/86	2/86*	9/84**	6/84	Detected
Base/Neutral											
Acenaphthene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenapthylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Anthracene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzidine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)pyrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)fluoranthene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(ghi)perylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(k)fluoranthene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroethoxy)methane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroethyl)ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroisopropyl)ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-ethylhexyl)phthalate	ND	ND	ND	ND	3	ND	ND	ND	4	1	4
4-Bromophenyl phenyl ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Butyl benzyl phthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloronaphthalene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chlorophenyl phenyl ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chrysene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzo(a,h)anthracene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	6	31.9	40.3	ND	ND	ND	4.9	4.8	9	1	40.3
1,3-Dichlorobenzene	ND	ND	ND	28,500	ND	ND	ND	ND	ND	ND	28500
1,4-Dichlorobenzene	5	19.4	22.2	ND	ND	ND	ND	ND	1	7	22.2
3,3-Dichlorobenzidine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Diethyl phthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dimethyl phthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-n-buyl phthalate	ND	ND	ND	ND	1	ND	ND	ND	2	1	2
2,4-Dinitrotoluene	ND	ND	ND	65,700	ND	ND	ND	ND	ND	ND	65700
2,6-Dinitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-n-octyl phthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Diphenylhydrazine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluorene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorocyclopentadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachloroehtane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-c,d)pyrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isophorone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nitrobenzene	ND	ND	ND	ND	ND	3.3	7.9	8.2	ND	ND	8.2
n-Nitrosodimethylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Nitrosodi-n-propylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Nitrosodiphenylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pyrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	1	ND	1
SUB TOTAL 2	11	51.3	62.5	94309	4	3.3	12.8	13	17	10	
2-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
4-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
2-Nitrochlorobenzene	ND	ND	ND	ND	ND	598	115	99.9	ND	NA	598
4-Nitrochlorobenzene	ND	ND	ND	ND	ND	108	353	398	ND	NA	398
2,4-and 3,4-Dinitrochlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
4-Nitrodiphenylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
Triphenyl phosphate	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
2,3,7,8-Tetrachloro-dibenzo-p-dioxin	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	ND
2-Nitrobiphenyl	ND	NA	ND	ND	ND	NA	NA	NA	ND	NA	ND
4-Nitrobiphenyl	ND	NA	ND	ND	ND	NA	NA	NA	ND	NA	ND
SUB TOTAL 2	0	0	0	0	0	706	468	497.9	0	NA	
TOTAL Base/Neutral Analyzed	11	51.3	62.5	94309	4	709.3	480.8	510.9	17	10	

SAUGET Analytical Data
Area 1 - Monsanto

GROUNDWATER SAMPLES
Base/Neutral Extractable Compounds (UG/L)
Collected by Geraghty & Miller (11/83, 11/84)

Sample Number	P-2	P-7	P-7	P-8	P-8	P-10	P-11	P-12	P-13	P-13	Maximum
Date Collected	11/85	6/84	11/85	6/84	11/85	9/84**	9/84**	9/84**	6/84	6/84*	Detected
Base/Neutral											
Acenaphthene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenapthylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Anthracene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzidine	ND	1,940	ND	1	ND	ND	ND	ND	ND	ND	1940
Benzo(a)anthracene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)pyrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)fluoranthene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(ghi)perylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(k)fluoranthene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroethoxy)methane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroethyl)ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroisopropyl)ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-ethylhexyl)phthalate	ND	21	ND	19	12.7	3	15	ND	ND	779	779
4-Bromophenyl phenyl ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Butyl benzyl phthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloronaphthalene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chlorophenyl phenyl ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chrysene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzo(a,h)anthracene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	ND	73	531	1	45.4	ND	ND	61	ND	ND	531
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	21.4	64	ND	12	121	ND	74	77	1	4	121
3,3-Dichlorobenzidine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Diethyl phthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dimethyl phthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-n-buyl phthalate	ND	72	ND	1	ND	5	6	6	ND	16	72
2,4-Dinitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,6-Dinitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-n-octyl phthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Diphenylhydrazine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluorene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorocyclopentadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachloroehtane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-c,d)pyrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isophorone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nitrobenzene	ND	ND	714	ND	ND	ND	ND	ND	ND	ND	714
n-Nitrosodimethylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Nitrosodi-n-propylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Nitrosodiphenylamine	ND	ND	ND	ND	ND	ND	11	ND	ND	ND	11
Phenanthrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	1	1
Pyrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SUB TOTAL 2	21.4	2170	1245	34	179.1	8	106	144	1	800	
2-Nitroaniline	ND	NA	ND	NA	ND	ND	ND	ND	NA	NA	ND
4-Nitroaniline	ND	NA	ND	NA	ND	ND	ND	ND	NA	NA	ND
2-Nitrochlorobenzene	ND	NA	303,000	NA	ND	ND	ND	ND	NA	NA	303000
4-Nitrochlorobenzene	ND	NA	75,000	NA	ND	ND	ND	ND	NA	NA	75000
2,4-and 3,4-Dinitrochlorobenzene	ND	NA	ND	NA	ND	ND	ND	ND	NA	NA	ND
4-Nitrodiphenylamine	ND	NA	ND	NA	ND	ND	ND	ND	NA	NA	ND
Triphenyl phosphate	ND	NA	ND	NA	ND	ND	ND	ND	NA	NA	ND
2,3,7,8-Tetrachloro-dibenzo-p-dioxin	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND
2-Nitrobiphenyl	NA	NA	NA	NA	NA	ND	ND	ND	NA	NA	ND
4-Nitrobiphenyl	NA	NA	NA	NA	NA	ND	ND	ND	NA	NA	ND
SUB TOTAL 2	0	NA	378000	NA	0	0	0	0	NA	NA	
TOTAL Base/Neutral Analyzed	21.4	2170	379245	34	179.1	8	106	144	1	800	

SAUGET Analytical Data
Area 1 - Monsanto

GROUNDWATER SAMPLES
Base/Neutral Extractable Compounds (UG/L)
Collected by Geraghty & Miller (11/83, 11/84)

Sample Number	P-13	P-13	P-14	P-14	DW-1	DW-1	DW-4	DW-7	DW-7	DW-10	Maximum
Date Collected	6/84	11/85	6/84	11/85	9/84**	11/85	9/84**	11/85	2/86	9/84**	Detected
Base/Neutral											
Acenaphthene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenapthylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Anthracene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzidine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)pyrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)fluoranthene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(ghi)perylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(k)fluoranthene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroethoxy)methane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroethyl)ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroisopropyl)ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-ethylhexyl)phthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Bromophenyl phenyl ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Butyl benzyl phthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloronaphthalene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chlorophenyl phenyl ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chrysene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzo(a,h)anthracene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	ND	ND	ND	18.7	ND	195	64	123	20.7	965	965
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	35.7	14	16.5	ND	ND	35.7
1,4-Dichlorobenzene	ND	15.9	2	34	124	704	324	370	37.9	ND	704
3,3-Dichlorobenzidine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Diethyl phthalate	ND	ND	6	ND	ND	ND	ND	ND	ND	ND	6
Dimethyl phthalate	ND	ND	ND	ND	ND	ND	ND	76.6	15.7	ND	76.6
Di-n-buyl phthalate	ND	ND	ND	ND	3	ND	3	ND	ND	ND	3
2,4-Dinitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,6-Dinitrotoluene	ND	ND	2	ND	ND	ND	ND	ND	ND	ND	2
Di-n-octyl phthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Diphenylhydrazine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluorene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorocyclopentadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachloroehtane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-c,d)pyrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isophorone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	ND	ND	ND	2.9	ND	ND	ND	ND	ND	ND	2.9
Nitrobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Nitrosodimethylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Nitrosodi-n-propylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Nitrosodiphenylamine	ND	4.9	ND	ND	ND	ND	6	ND	ND	42	42
Phenanthrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pyrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	3.4	ND	3.4
SUB TOTAL 2	0	20.8	10	55.6	127	934.7	411	589.5	74.3	1007	
2-Nitroaniline	NA	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitroaniline	NA	ND	NA	ND	ND	ND	ND	1,090	1,090	ND	1090
2-Nitrochlorobenzene	NA	ND	NA	ND	ND	ND	ND	357	357	ND	357
4-Nitrochlorobenzene	NA	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND
2,4-and 3,4-Dinitrochlorobenzene	NA	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitrodiphenylamine	NA	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND
Triphenyl phosphate	NA	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND
2,3,7,8-Tetrachloro-dibenzo-p-dioxin	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	ND
2-Nitrobiphenyl	NA	NA	NA	NA	ND	NA	ND	NA	NA	ND	ND
4-Nitrobiphenyl	NA	NA	NA	NA	ND	NA	ND	NA	NA	ND	ND
SUB TOTAL 2	NA	NA	0	0	0	0	0	1447	1447	0	
TOTAL Base/Neutral Analyzed	0	20.8	10	55.6	127	934.7	411	2036.5	2036.5	1007	

SAUGET Analytical Data
Area 1 - Monsanto

GROUNDWATER SAMPLES
Base/Neutral Extractable Compounds (UG/L)
Collected by Geraghty & Miller (11/83, 11/84)

Sample Number	DW-18	DW-18	DW-18	DW-23	DW-24	DW-24	DW-29	DW-29	DW-30	DW-33	Maximum
Date Collected	9/84**	9/84*	11/85	9/84**	9/84**	9/84*	9/84**	9/84*	11/85	9/84**	Detected
Base/Neutral											
Acenaphthene	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND
Acenapthylene	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND
Anthracene	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND
Benzidine	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND
Benzo(a)anthracene	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND
Benzo(a)pyrene	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND
Benzo(a)fluoranthene	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND
Benzo(ghi)perylene	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND
Benzo(k)fluoranthene	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND
Bis(2-chloroethoxy)methane	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND
Bis(2-chloroethyl)ether	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND
Bis(2-chloroisopropyl)ether	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND
Bis(2-ethylhexyl)phthalate	ND	NA	ND	188	ND	ND	ND	NA	ND	1	188
4-Bromophenyl phenyl ether	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND
Butyl benzyl phthalate	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND
2-Chloronaphthalene	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND
4-Chlorophenyl phenyl ether	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND
Chrysene	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND
Dibenzo(a,h)anthracene	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND
1,2-Dichlorobenzene	1	NA	23.8	ND	ND	ND	ND	NA	8.4	ND	23.8
1,3-Dichlorobenzene	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND
1,4-Dichlorobenzene	3	NA	71.9	ND	ND	ND	ND	NA	ND	ND	71.9
3,3-Dichlorobenzidine	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND
Diethyl phthalate	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND
Dimethyl phthalate	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND
Di-n-buyl phthalate	1	NA	ND	1	2	ND	3	NA	ND	3	3
2,4-Dinitrotoluene	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND
2,6-Dinitrotoluene	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND
Di-n-octyl phthalate	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND
1,2-Diphenylhydrazine	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND
Fluoranthene	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND
Fluorene	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND
Hexachlorobenzene	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND
Hexachlorobutadiene	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND
Hexachlorocyclopentadiene	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND
Hexachloroehtane	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND
Indeno(1,2,3-c,d)pyrene	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND
Isophorone	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND
Naphthalene	ND	NA	7	ND	ND	ND	ND	NA	ND	ND	7
Nitrobenzene	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND
n-Nitrosodimethylamine	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND
n-Nitrosodi-n-propylamine	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND
n-Nitrosodiphenylamine	ND	NA	3.7	ND	ND	ND	ND	NA	ND	ND	3.7
Phenanthrene	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND
Pyrene	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND
1,2,4-Trichlorobenzene	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND
SUB TOTAL 2	5	NA	106.4	189	2	0	3	NA	8.4	4	
2-Nitroaniline	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND
4-Nitroaniline	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND
2-Nitrochlorobenzene	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND
4-Nitrochlorobenzene	ND	NA	ND	ND	ND	ND	ND	NA	38.8	ND	38.8
2,4-and 3,4-Dinitrochlorobenzene	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND
4-Nitrodiphenylamine	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND
Triphenyl phosphate	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND
2,3,7,8-Tetrachloro-dibenzo-p-dioxin	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND
2-Nitrobiphenyl	ND	NA	NA	ND	ND	ND	ND	NA	NA	ND	ND
4-Nitrobiphenyl	ND	NA	NA	ND	ND	ND	ND	NA	NA	ND	ND
SUB TOTAL 2	0	NA	0	0	0	0	0	NA	38.8	0	
TOTAL Base/Neutral Analyzed	5	NA	106.4	189	2	0	3	NA	47.2	4	

SAUGET Analytical Data
Area 1 - Monsanto

GROUNDWATER SAMPLES
Base/Neutral Extractable Compounds (UG/L)
Collected by Geraghty & Miller (11/83, 11/84)

Sample Number	DW-34	DW-34	DW-1-85	DW-1-85	BK-3	BK-3	BK-3	WB-6	WB-6	WB-6	Maximum
Date Collected	11/85	2/86	11/85	2/86	9/84**	11/85	2/86	9/84**	11/85	2/86	Detected
Base/Neutral											
Acenaphthene	ND	ND	ND	ND	ND	ND	ND	ND	27.3	6.4	27.3
Acenapthylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Anthracene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzidine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)pyrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)fluoranthene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(ghi)perylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(k)fluoranthene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroethoxy)methane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroethyl)ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroisopropyl)ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-ethylhexyl)phthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Bromophenyl phenyl ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Butyl benzyl phthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloronaphthalene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chlorophenyl phenyl ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chrysene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzo(a,h)anthracene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	ND	ND	47.5	12.6	27	12.6	3.6	ND	ND	ND	47.5
1,3-Dichlorobenzene	ND	ND	22.3	6.2	17	6.2	3.4	ND	ND	ND	22.3
1,4-Dichlorobenzene	ND	ND	515	255	128	255	100	ND	ND	ND	515
3,3-Dichlorobenzidine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Diethyl phthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dimethyl phthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-n-buyl phthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,6-Dinitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-n-octyl phthalate	ND	ND	ND	ND	ND	ND	ND	2	ND	ND	2
1,2-Diphenylhydrazine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluorene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorocyclopentadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachloroehtane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-c,d)pyrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isophorone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	ND	ND	ND	ND	ND	ND	14.4	ND	1,140	ND	ND
Nitrobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Nitrosodimethylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Nitrosodi-n-propylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Nitrosodiphenylamine	ND	ND	ND	ND	2	3.8	ND	ND	ND	ND	3.8
Phenanthrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pyrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SUB TOTAL 2		0	584.8	273.8	177	304.7	273.8	2	1107.3	1146.4	
2-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Nitrochlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitrochlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-and 3,4-Dinitrochlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitrodiphenylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Triphenyl phosphate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,3,7,8-Tetrachloro-dibenzo-p-dioxin	NA	NA	NA	NA	NA	NA	NA	ND	NA	NA	ND
2-Nitrobiphenyl	ND	NA	NA	NA	ND	NA	NA	ND	NA	NA	ND
4-Nitrobiphenyl	ND	NA	NA	NA	ND	NA	NA	ND	NA	NA	ND
SUB TOTAL 2	0	0	0	0	0	0		0	0	0	
TOTAL Base/Neutral Analyzed	0	0	584.8	273.8	177	304.7	273.8	2	1107.3	1146.4	

SAUGET Analytical Data
Area 1 - Monsanto

GROUNDWATER SAMPLES
Base/Neutral Extractable Compounds (UG/L)
Collected by Geraghty & Miller (11/83, 11/84)

Sample Number	WB-7	WB-7	FIELD BLANK	FIELD BLANK	TRIP BLANK	TRIP BLANK	TRIP BLANK				Maximum
Date Collected	9/84	11/85	6/84	6/84	5/84	6/84	9/84				Detected
Base/Neutral											
Acenaphthene	ND	5.1	ND	ND	ND	ND	ND				5.1
Acenapthylene	ND	ND	ND	ND	ND	ND	ND				ND
Anthracene	ND	ND	ND	ND	ND	ND	ND				ND
Benzidine	ND	ND	ND	ND	ND	ND	ND				ND
Benzo(a)anthracene	ND	ND	ND	ND	ND	ND	ND				ND
Benzo(a)pyrene	ND	ND	ND	ND	ND	ND	ND				ND
Benzo(a)fluoranthene	ND	ND	ND	ND	ND	ND	ND				ND
Benzo(ghi)perylene	ND	ND	ND	ND	ND	ND	ND				ND
Benzo(k)fluoranthene	ND	ND	ND	ND	ND	ND	ND				ND
Bis(2-chloroethoxy)methane	ND	ND	ND	ND	ND	ND	ND				ND
Bis(2-chloroethyl)ether	ND	ND	ND	ND	ND	ND	ND				ND
Bis(2-chloroisopropyl)ether	ND	ND	ND	ND	ND	ND	ND				ND
Bis(2-ethylhexyl)phthalate	ND	ND	ND	ND	ND	ND	ND				ND
4-Bromophenyl phenyl ether	ND	ND	ND	ND	ND	ND	ND				ND
Butyl benzyl phthalate	ND	ND	ND	ND	ND	ND	ND				ND
2-Chloronaphthalene	ND	ND	ND	ND	ND	ND	ND				ND
4-Chlorophenyl phenyl ether	ND	ND	ND	ND	ND	ND	ND				ND
Chrysene	ND	ND	ND	ND	ND	ND	ND				ND
Dibenzo(a,h)anthracene	ND	ND	ND	ND	ND	ND	ND				ND
1,2-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND				ND
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND				ND
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND				ND
3,3-Dichlorobenzidine	ND	ND	ND	ND	ND	ND	ND				ND
Diethyl phthalate	ND	ND	ND	ND	ND	ND	ND				ND
Dimethyl phthalate	ND	ND	ND	ND	ND	ND	ND				ND
Di-n-buyl phthalate	3	ND	ND	ND	ND	ND	4				4
2,4-Dinitrotoluene	ND	ND	ND	ND	ND	ND	ND				ND
2,6-Dinitrotoluene	ND	ND	ND	ND	ND	ND	ND				ND
Di-n-octyl phthalate	ND	ND	ND	ND	ND	ND	ND				ND
1,2-Diphenylhydrazine	ND	ND	ND	ND	ND	ND	ND				ND
Fluoranthene	ND	ND	ND	ND	ND	ND	ND				ND
Fluorene	ND	ND	ND	ND	ND	ND	ND				ND
Hexachlorobenzene	ND	ND	ND	ND	ND	ND	ND				ND
Hexachlorobutadiene	ND	ND	ND	ND	ND	ND	ND				ND
Hexachlorocyclopentadiene	ND	ND	ND	ND	ND	ND	ND				ND
Hexachloroehtane	ND	ND	ND	ND	ND	ND	ND				ND
Indeno(1,2,3-c,d)pyrene	ND	ND	ND	ND	ND	ND	ND				ND
Isophorone	ND	ND	ND	ND	ND	ND	ND				ND
Naphthalene	ND	ND	ND	ND	ND	ND	ND				ND
Nitrobenzene	ND	ND	ND	ND	ND	ND	ND				ND
n-Nitrosodimethylamine	ND	ND	ND	ND	ND	ND	ND				ND
n-Nitrosodi-n-propylamine	ND	ND	ND	ND	ND	ND	ND				ND
n-Nitrosodiphenylamine	ND	ND	ND	ND	ND	ND	ND				ND
Phenanthrene	ND	ND	ND	ND	ND	ND	ND				ND
Pyrene	ND	ND	ND	ND	ND	ND	ND				ND
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND				ND
SUB TOTAL 2	3	5.1	0	0	0	0	4				
2-Nitroaniline	ND	ND	NA	NA	NA	NA	NA				ND
4-Nitroaniline	ND	ND	NA	NA	NA	NA	NA				ND
2-Nitrochlorobenzene	ND	ND	NA	NA	NA	NA	NA				ND
4-Nitrochlorobenzene	ND	ND	NA	NA	NA	NA	NA				ND
2,4-and 3,4-Dinitrochlorobenzene	ND	ND	NA	NA	NA	NA	NA				ND
4-Nitrodiphenylamine	ND	ND	NA	NA	NA	NA	NA				ND
Triphenyl phosphate	ND	ND	NA	NA	NA	NA	NA				ND
2,3,7,8-Tetrachloro-dibenzo-p-dioxin	NA	NA	NA	NA	NA	NA	NA				ND
2-Nitrobiphenyl	ND	NA	NA	NA	NA	NA	NA				ND
4-Nitrobiphenyl	ND	NA	NA	NA	NA	NA	NA				ND
SUB TOTAL 2	0	0	NA	NA	NA	NA	NA				
TOTAL Base/Neutral Analyzed	3	5.1	0	0	0	0	4				