1790 Building
February 28, 2007

The Dow Chemical Company
Midland, MI 48674

George W. Bruchmann, Chief
Waste and Hazardous Materials Division
State of Michigan Department of Environmental Quality
Constitution Hall
525 West Allegan Street
Lansing, MI 48909-7741

Subject: Environmental Monitoring Quarterly Data Submittal
Fourth Quarter 2006
MID 000724724

Dear Mr. Bruchmann:

The attached environmental monitoring quarterly data submittal attached covers activities conducted during the fourth quarter (October, November and December 2006) and is submitted in accordance with the Hazardous Waste Management Facility Operating License issued by the Michigan Department of Environmental Quality (MDEQ) June 12, 2003 (License).

Please let me know if you have any questions regarding this information.

Sincerely,

Ben Baker
Senior Environmental Project Leader
The Dow Chemical Company

cc: Cheryl Howe, MDEQ WHMD Lansing

Environmental Monitoring Report

Fourth Quarter 2006

TO: Ben Baker, The Dow Chemical Company

FROM: CH2M HILL

DATE: February 28, 2007

This Environmental Monitoring Report (EMR) covers activities conducted by CH2M HILL during the fourth quarter (October, November, and December) 2006 and contains information consistent with requirements in the Hazardous Waste Management Facility Operating License issued by the Michigan Department of Environmental Quality (MDEQ) June 12, 2003 (License). Specifically, this submittal is pursuant to the reporting requirement under Part II.L.6 for submittal of "additional environmental sampling or analysis beyond that required by the License" for Corrective Action beyond the Facility Boundary (Part XI.B).

The scope of this submittal covers the environmental monitoring, sampling, and analytical activities not submitted under separate reporting requirements for approved work plans for the Midland Area Soils. This submittal is not intended to be a status report or comprehensive data evaluation report but rather a means to provide recently collected information in a timely fashion. The following sections describe the activities conducted by CH2M HILL for the reporting period with references to attached data.

This submittal contains analytical results for samples that were collected and analyzed within this reporting period.

City of Midland Data

Soil samples were collected in accordance with the November 2006 *Sampling and Analysis Plan in Support of Bioavailability Study, Midland Area Soils* from October 23, 2006 through November 20, 2006. All samples were analyzed for dioxins and furans and a subset of samples were analyzed for potential constituents of concern (PCOIs) including volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), metals, pesticides, herbicides, polychlorinated biphenyls (PCBs), total organic carbon (TOC), cyanide and sulfide. Dioxin and furan results are provided in two tables due to the large size of the data set.

Sample results for dioxins and furans and PCOIs were blinded to maintain anonymity of individual property owners and will remain so until site-specific direct contact criteria (DCC) for surface soils are approved by MDEQ.

Unblinded soil samples were collected at most sample locations during the same time period for a suite of soil parameters including particle size, specific surface area, black carbon and ratio of hydrogen/carbon/nitrogen. Soil parameter results are provided in four tables due to the large size of the data set.

Geographical Information System (GIS)

The geospatial data for the soil samples collected during the October/November 2006 Midland Area Soils sampling event is included on the attached CD-ROM. The PCOI and dioxin and furan data will likely be unblinded at some point in the future, at which point the data can be merged with the geospatial data included in this file.

Referenced Data Files

All data referenced in this EMR has been provided on the attached compact disk. Files include:

File Name	Description of Data
Table_1_DF_pt.1.pdf Table_1_DF_pt.2.pdf	Dioxin and furan soil sample analytical results (sample IDs blinded)
Table_2_PCOIs.pdf	PCOI soil sample analytical results (sample IDs blinded)
Table_3_SP_pt.1.pdf Table_3_SP_pt.2.pdf Table_3_SP_pt.3.pdf Table_3_SP_pt.4.pdf	Soil parameter soil sample analytical results
March_2007_MDEQ_Submittal.mdb	Geospatial data for City of Midland soil parameter sample locations

Table 1, part 1 of 2
Dioxin and Furan Soil Analytical Results
Dow Midland Representative Soils Project

			Sample ID	1139-1-D	1139-1	1139-2-D	1139-2	1144-1	1251-1	1251-2	130-1	138-1-C
			Location ID	MidBlind_1139-1-D	MidBlind_1139-1	MidBlind_1139-2-D	MidBlind_1139-2	MidBlind_1144-1	MidBlind_1251-1	MidBlind_1251-2	MidBlind_130-1	MidBlind_138-1-C
			Sample Date	10/30/2006	10/30/2006	10/30/2006	10/30/2006	11/13/2006	11/13/2006	11/13/2006	11/13/2006	10/23/2006
			Sample Depth (in)	0-1	0-1	1-6	1-6	0-1	0-1	1-6	0-1	0-1
			Sample Type	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Group	**Analyte**	**Units**	**Method**									
DIOXIN	1,2,3,4,6,7,8,9-OCTACHLORODIBENZO-P-DIOXIN	ng/Kg	E1613B	**5900** J	**8600** J	**5400** J	**7500** J	**12000**	**19000**	**18000**	**3500**	**14000** J
DIOXIN	1,2,3,4,6,7,8,9-OCTACHLORODIBENZOFURAN	ng/Kg	E1613B	**760** J	**1200** J	**650**	**910**	**880**	**2100**	**1900**	**290**	**1100** J
DIOXIN	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	ng/Kg	E1613B	**660** J	**950** J	**610**	**810**	**1100**	**1800**	**1800**	**270**	**1300** J
DIOXIN	1,2,3,4,6,7,8-HEPTACHLORODIBENZOFURAN	ng/Kg	E1613B	**380**	**530**	**350**	**480**	**390**	**940**	**890**	**180**	**620** J
DIOXIN	1,2,3,4,7,8,9-HEPTACHLORODIBENZOFURAN	ng/Kg	E1613B	**13** J	**20** J	**13**	**17**	**13**	**42**	**48**	**6.4**	**26**
DIOXIN	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	ng/Kg	E1613B	**12**	**16**	**11**	**14**	**14**	**34**	**34**	**7.7**	**30**
DIOXIN	1,2,3,4,7,8-HEXACHLORODIBENZOFURAN	ng/Kg	E1613B	**20**	**25**	**19**	**24**	**17**	**89**	**84**	**16**	**53**
DIOXIN	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	ng/Kg	E1613B	**38**	**48**	**33**	**46**	**41**	**110**	**110**	**16**	**78**
DIOXIN	1,2,3,6,7,8-HEXACHLORODIBENZOFURAN	ng/Kg	E1613B	**10**	**13**	**10**	**12**	**11**	**41**	**38**	**7**	**25** D
DIOXIN	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	ng/Kg	E1613B	**23**	**29**	**20**	**26**	**26**	**61**	**67**	**11**	**53**
DIOXIN	1,2,3,7,8,9-HEXACHLORODIBENZOFURAN	ng/Kg	E1613B	1.3 U	1.4 U	1.1 U	1.1 U	1.3 U	2.2 U	**4.2**	0.63 U	2.9 U
DIOXIN	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	ng/Kg	E1613B	**19**	**24**	**16**	**22**	**18**	**50**	**48**	**10**	**85**
DIOXIN	1,2,3,7,8-PENTACHLORODIBENZOFURAN	ng/Kg	E1613B	**5.6**	**7**	**5**	**6.3**	**4.5**	**40**	**37**	**9.7**	**26**
DIOXIN	2,3,4,6,7,8-HEXACHLORODIBENZOFURAN	ng/Kg	E1613B	**9.5**	**12**	**9**	**11**	**11**	**27**	**28**	**6**	**18** J
DIOXIN	2,3,4,7,8-PENTACHLORODIBENZOFURAN	ng/Kg	E1613B	**9.6**	**12**	**8.9**	**11**	**7.8**	**39**	**39**	**13**	**27**
DIOXIN	2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN	ng/Kg	E1613B	**51**	**63**	**45**	**59**	**34**	**120**	**120**	**17**	**140**
DIOXIN	2,3,7,8-TETRACHLORODIBENZOFURAN	ng/Kg	E1613B	**6.5**	**7.8**	**6**	**7.8**	**5.3**	**56**	**51**	**24**	**37**
DIOXIN	2005 WHO Mammals CALCULATED TEQ	ng/Kg	E1613B	**97**	**120**	**87**	**110**	**86**	**260**	**260**	**46**	**280**
DIOXIN	TOTAL HEPTACHLORO-DIBENZODIOXIN	ng/Kg	E1613B	**1200**	**1700**	**1100**	**1400**	**2000**	**3300**	**3200**	**500**	**2400**
DIOXIN	TOTAL HEPTACHLORO-DIBENZOFURAN	ng/Kg	E1613B	**880** J	**1300** J	**770**	**1100**	**920**	**2200**	**2200**	**380**	**1300**
DIOXIN	TOTAL HEXACHLORO-DIBENZODIOXIN	ng/Kg	E1613B	**320**	**400**	**280**	**380**	**370**	**830**	**860**	**140**	**640**
DIOXIN	TOTAL HEXACHLORO-DIBENZOFURAN	ng/Kg	E1613B	**280**	**370**	**250**	**330** J	**250**	**840** J	**780** J	**130**	**500** J
DIOXIN	TOTAL PENTACHLORO-DIBENZODIOXIN	ng/Kg	E1613B	**190**	**200**	**150**	**200**	**160**	**420**	**410**	**72**	**420**
DIOXIN	TOTAL PENTACHLORO-DIBENZOFURAN	ng/Kg	E1613B	**180** J	**200** J	**160** J	**210** J	**140**	**490** J	**540** J	**110**	**330** J
DIOXIN	TOTAL TETRACHLORO-DIBENZODIOXIN	ng/Kg	E1613B	**320**	**360**	**260**	**340**	**280**	**680**	**690**	**100**	**690**
DIOXIN	TOTAL TETRACHLORO-DIBENZOFURAN	ng/Kg	E1613B	**450** J	**560**	**410**	**540**	**470**	**1200** J	**1200** J	**190**	**1100** J

J = Estimated value
U = Undetected
UJ = Undetected; Estimated detection limit
D = Analyzed at a secondary dilution factor
SL = Selected MDEQ Screening Level
Bold = analyte detected; Shaded = analyte exceeds SL

Table 1, part 1 of 2
Dioxin and Furan Soil Analytical Results
Dow Midland Representative Soils Project

			Sample ID	138-1	1438-1	1438-2	1469-1	1517-1-C	1517-1	1517-2-C	1517-2	154-1
			Location ID	MidBlind_138-1	MidBlind_1438-1	MidBlind_1438-2	MidBlind_1469-1	MidBlind_1517-1-C	MidBlind_1517-1	MidBlind_1517-2-C	MidBlind_1517-2	MidBlind_154-1
			Sample Date	10/23/2006	11/13/2006	11/13/2006	10/23/2006	11/13/2006	11/13/2006	11/13/2006	11/13/2006	11/6/2006
			Sample Depth (in)	0-1	0-1	1-6	0-1	0-1	0-1	1-6	1-6	0-1
			Sample Type	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Group	**Analyte**	**Units**	**Method**									
DIOXIN	1,2,3,4,6,7,8,9-OCTACHLORODIBENZO-P-DIOXIN	ng/Kg	E1613B	**31000** J	**7100**	**6000**	**8400** J	**11000** J	**29000** J	**15000** J	**28000** J	**3700**
DIOXIN	1,2,3,4,6,7,8,9-OCTACHLORODIBENZOFURAN	ng/Kg	E1613B	**3300** J	**490**	**440**	**990** J	**1400** J	**2800** J	**2000** J	**3300** J	**410**
DIOXIN	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	ng/Kg	E1613B	**3200** J	**710**	**630**	**940** J	**980** J	**2300** J	**1600** J	**2500** J	**330**
DIOXIN	1,2,3,4,6,7,8-HEPTACHLORODIBENZOFURAN	ng/Kg	E1613B	**1900** J	**310**	**260**	**860** J	**990** J	**1600** J	**1300** J	**1900** J	**180** J
DIOXIN	1,2,3,4,7,8,9-HEPTACHLORODIBENZOFURAN	ng/Kg	E1613B	**79**	**11**	**10**	**64**	**26** J	**45** J	**53**	**68**	**7.3**
DIOXIN	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	ng/Kg	E1613B	**83**	**13**	**12**	**40**	**21** J	**37** J	**34**	**42**	**6.1**
DIOXIN	1,2,3,4,7,8-HEXACHLORODIBENZOFURAN	ng/Kg	E1613B	**160**	**16**	**14**	**250**	**54** J	**83** J	**95**	**110**	**13**
DIOXIN	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	ng/Kg	E1613B	**210**	**32**	**28**	**180**	**62** J	**120** J	**96**	**140**	**18**
DIOXIN	1,2,3,6,7,8-HEXACHLORODIBENZOFURAN	ng/Kg	E1613B	**78** D	**8.5**	**7.2**	**260** J	**24** J	**40** J	**37**	**48**	**6**
DIOXIN	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	ng/Kg	E1613B	**140**	**25**	**22**	**93**	**39** J	**65** J	**55**	**76**	**11**
DIOXIN	1,2,3,7,8,9-HEXACHLORODIBENZOFURAN	ng/Kg	E1613B	**9.5**	1.1 U	0.94 U	**8.3**	1.8 UJ	**4.9** J	**6.1**	**4.9**	0.64 U
DIOXIN	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	ng/Kg	E1613B	**180**	**11**	**9.6**	**89**	**29** J	**65** J	**42** J	**71** J	**9.1**
DIOXIN	1,2,3,7,8-PENTACHLORODIBENZOFURAN	ng/Kg	E1613B	**84**	**6.9**	**6.1**	**48**	**26**	**31**	**27**	**34**	**5.2**
DIOXIN	2,3,4,6,7,8-HEXACHLORODIBENZOFURAN	ng/Kg	E1613B	**49** J	**6.8**	**6.1**	**250** J	**19** J	**33** J	**32**	**39**	**4.9**
DIOXIN	2,3,4,7,8-PENTACHLORODIBENZOFURAN	ng/Kg	E1613B	**86**	**7.1**	**6.2**	**250**	**27**	**38**	**35**	**43**	**5.6**
DIOXIN	2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN	ng/Kg	E1613B	**400**	**13**	**13**	**65**	**49** J	**160** J	**91** J	**190** J	**18**
DIOXIN	2,3,7,8-TETRACHLORODIBENZOFURAN	ng/Kg	E1613B	**120**	**8.7**	**8**	**50**	**37**	**46**	**42**	**51**	**7.3**
DIOXIN	2005 WHO Mammals CALCULATED TEQ	ng/Kg	E1613B	**760**	**50**	**45**	**360**	**140**	**320**	**220**	**380**	**42**
DIOXIN	TOTAL HEPTACHLORO-DIBENZODIOXIN	ng/Kg	E1613B	**6000**	**1300**	**1100**	**1800**	**1700**	**4100**	**2800**	**4500**	**580**
DIOXIN	TOTAL HEPTACHLORO-DIBENZOFURAN	ng/Kg	E1613B	**4100**	**620**	**550**	**1800**	**2000**	**3400**	**2600**	**4000**	**460** J
DIOXIN	TOTAL HEXACHLORO-DIBENZODIOXIN	ng/Kg	E1613B	**1800**	**270**	**230**	**2000**	**550**	**960**	**820**	**1100**	**140**
DIOXIN	TOTAL HEXACHLORO-DIBENZOFURAN	ng/Kg	E1613B	**1600** J	**200**	**170**	**8400** J	**600** J	**1100** J	**880**	**1300**	**140**
DIOXIN	TOTAL PENTACHLORO-DIBENZODIOXIN	ng/Kg	E1613B	**1100**	**90**	**80**	**1300**	**270**	**460**	**340**	**520**	**75**
DIOXIN	TOTAL PENTACHLORO-DIBENZOFURAN	ng/Kg	E1613B	**1100** J	**120** J	**100** J	**23000** J	**350** J	**650** J	**450** J	**750** J	**87** J
DIOXIN	TOTAL TETRACHLORO-DIBENZODIOXIN	ng/Kg	E1613B	**1900**	**110**	**100**	**650**	**410**	**850**	**600**	**1000**	**98**
DIOXIN	TOTAL TETRACHLORO-DIBENZOFURAN	ng/Kg	E1613B	**3100** J	**200** J	**180** J	**8300** J	**640** J	**1300** J	**950** J	**1400** J	**190** J

J = Estimated value
U = Undetected
UJ = Undetected; Estimated detection limit
D = Analyzed at a secondary dilution factor
SL = Selected MDEQ Screening Level
Bold = analyte detected; Shaded = analyte exceeds SL

Table 1, part 1 of 2
Dioxin and Furan Soil Analytical Results
Dow Midland Representative Soils Project

			Sample ID	1582-1	1582-2	159-1	161-1	1702-1-C	1702-1	1883-1	1932-1	1951-1
			Location ID	MidBlind_1582-1	MidBlind_1582-2	MidBlind_159-1	MidBlind_161-1	MidBlind_1702-1-C	MidBlind_1702-1	MidBlind_1883-1	MidBlind_1932-1	MidBlind_1951-1
			Sample Date	10/30/2006	10/30/2006	11/6/2006	11/6/2006	11/6/2006	11/6/2006	11/6/2006	11/6/2006	11/6/2006
			Sample Depth (in)	0-1	1-6	0-1	0-1	0-1	0-1	0-1	0-1	0-1
			Sample Type	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Group	**Analyte**	**Units**	**Method**									
DIOXIN	1,2,3,4,6,7,8,9-OCTACHLORODIBENZO-P-DIOXIN	ng/Kg	E1613B	**8400** J	**7900** J	**2300**	**8900**	**18000**	**7900**	**4800**	**11000**	**6000**
DIOXIN	1,2,3,4,6,7,8,9-OCTACHLORODIBENZOFURAN	ng/Kg	E1613B	**890**	**830**	**260**	**890**	**1200**	**600**	**560**	**1200**	**530**
DIOXIN	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	ng/Kg	E1613B	**760**	**730**	**230**	**920**	**2000**	**780**	**500**	**1100**	**680**
DIOXIN	1,2,3,4,6,7,8-HEPTACHLORODIBENZOFURAN	ng/Kg	E1613B	**510**	**470**	**190** J	**540** J	**610** J	**400** J	**240** J	**670**	**320**
DIOXIN	1,2,3,4,7,8,9-HEPTACHLORODIBENZOFURAN	ng/Kg	E1613B	**20**	**20**	**6.3**	**21**	**38**	**20**	**12**	**23**	**16**
DIOXIN	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	ng/Kg	E1613B	**13**	**12**	**5.2**	**20**	**43**	**18**	**9.8**	**25**	**15**
DIOXIN	1,2,3,4,7,8-HEXACHLORODIBENZOFURAN	ng/Kg	E1613B	**44**	**43**	**13**	**43**	**100**	**68**	**26**	**36**	**40**
DIOXIN	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	ng/Kg	E1613B	**44**	**37**	**14**	**60**	**110**	**45**	**29**	**62**	**47**
DIOXIN	1,2,3,6,7,8-HEXACHLORODIBENZOFURAN	ng/Kg	E1613B	**17**	**15**	**6.4**	**20**	**35**	**23**	**10**	**19**	**18**
DIOXIN	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	ng/Kg	E1613B	**24**	**22**	**10**	**39**	**76**	**32**	**21**	**45**	**35**
DIOXIN	1,2,3,7,8,9-HEXACHLORODIBENZOFURAN	ng/Kg	E1613B	1.6 U	2 U	**1.2** J	1.6 U	**4.7**	1.6 U	**1.4** J	**4.4**	1.3 U
DIOXIN	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	ng/Kg	E1613B	**25**	**25**	**7**	**30**	**48**	**20**	**13**	**35**	**21**
DIOXIN	1,2,3,7,8-PENTACHLORODIBENZOFURAN	ng/Kg	E1613B	**19**	**19**	**6.3**	**18**	**95**	**69**	**9.3**	**10**	**26**
DIOXIN	2,3,4,6,7,8-HEXACHLORODIBENZOFURAN	ng/Kg	E1613B	**9.3**	**9.1**	**4.4**	**15**	**22**	**14**	**6**	**14**	**13**
DIOXIN	2,3,4,7,8-PENTACHLORODIBENZOFURAN	ng/Kg	E1613B	**16**	**15**	**5.7**	**19**	**68**	**46**	**7.9**	**13**	**24**
DIOXIN	2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN	ng/Kg	E1613B	**37**	**36**	**9.1**	**58**	**140**	**110**	**26**	**51**	**43**
DIOXIN	2,3,7,8-TETRACHLORODIBENZOFURAN	ng/Kg	E1613B	**26**	**24**	**7.9**	**24**	**130**	**88**	**8.7**	**11**	**40**
DIOXIN	2005 WHO Mammals CALCULATED TEQ	ng/Kg	E1613B	**100**	**97**	**29**	**130**	**300**	**190**	**62**	**130**	**100**
DIOXIN	TOTAL HEPTACHLORO-DIBENZODIOXIN	ng/Kg	E1613B	**1400**	**1400**	**430**	**1700**	**3700**	**1400**	**910**	**2100**	**1200**
DIOXIN	TOTAL HEPTACHLORO-DIBENZOFURAN	ng/Kg	E1613B	**1100**	**1000**	**380** J	**1200**	**1400**	**840**	**550**	**1400**	**690**
DIOXIN	TOTAL HEXACHLORO-DIBENZODIOXIN	ng/Kg	E1613B	**320**	**290**	**130**	**470**	**950**	**380**	**240**	**530**	**390**
DIOXIN	TOTAL HEXACHLORO-DIBENZOFURAN	ng/Kg	E1613B	**380**	**360**	**130**	**490**	**730**	**460**	**210**	**440**	**380** J
DIOXIN	TOTAL PENTACHLORO-DIBENZODIOXIN	ng/Kg	E1613B	**150**	**140**	**60**	**260**	**410**	**160**	**100**	**250**	**190**
DIOXIN	TOTAL PENTACHLORO-DIBENZOFURAN	ng/Kg	E1613B	**200** J	**180**	**86** J	**310** J	**680** J	**440** J	**120** J	**220** J	**380** J
DIOXIN	TOTAL TETRACHLORO-DIBENZODIOXIN	ng/Kg	E1613B	**240**	**240**	**79**	**410**	**820**	**340**	**170**	**300**	**360**
DIOXIN	TOTAL TETRACHLORO-DIBENZOFURAN	ng/Kg	E1613B	**370** J	**380** J	**170** J	**670** J	**1600** J	**710** J	**240** J	**630** J	**890** J

J = Estimated value
U = Undetected
UJ = Undetected; Estimated detection limit
D = Analyzed at a secondary dilution factor
SL = Selected MDEQ Screening Level
Bold = analyte detected; Shaded = analyte exceeds SL

Table 1, part 1 of 2
Dioxin and Furan Soil Analytical Results
Dow Midland Representative Soils Project

		Sample ID	1963-1	199-1	1992-1-C	1992-1	2120-1	2147-1	2147-2	2218-1-C	2218-1
		Location ID	MidBlind_1963-1	MidBlind_199-1	MidBlind_1992-1-C	MidBlind_1992-1	MidBlind_2120-1	MidBlind_2147-1	MidBlind_2147-2	MidBlind_2218-1-C	MidBlind_2218-1
		Sample Date	11/6/2006	10/30/2006	10/23/2006	10/23/2006	11/6/2006	10/30/2006	10/30/2006	11/6/2006	11/6/2006
		Sample Depth (in)	0-1	0-1	0-1	0-1	0-1	0-1	1-6	0-1	0-1
		Sample Type	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Group	**Analyte**	**Units**	**Method**								
DIOXIN	1,2,3,4,6,7,8,9-OCTACHLORODIBENZO-P-DIOXIN	ng/Kg	E1613B	**2600**	**8400** J	**4000** J	**5200** J	**4600**	**800** J	**470** J	**15000**	**18000**
DIOXIN	1,2,3,4,6,7,8,9-OCTACHLORODIBENZOFURAN	ng/Kg	E1613B	**200**	**730**	**260** J	**380** J	**360**	**68**	**32**	**1300**	**1900**
DIOXIN	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	ng/Kg	E1613B	**330**	**870**	**430** J	**590** J	**540**	**87**	**53**	**1500**	**1800**
DIOXIN	1,2,3,4,6,7,8-HEPTACHLORODIBENZOFURAN	ng/Kg	E1613B	**150** J	**510**	**130** J	**190** J	**160** J	**41** J	**23** J	**850**	**1000**
DIOXIN	1,2,3,4,7,8,9-HEPTACHLORODIBENZOFURAN	ng/Kg	E1613B	**7.1**	**19**	**6.8**	**11**	**9.6**	**2** J	**1.1** J	**24**	**31**
DIOXIN	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	ng/Kg	E1613B	**11**	**23**	**8.7**	**12**	**13**	**2.3** J	**1.7** J	**32**	**39**
DIOXIN	1,2,3,4,7,8-HEXACHLORODIBENZOFURAN	ng/Kg	E1613B	**12**	**33**	**9.2**	**19**	**15**	**3.7**	**2.5** J	**37**	**41**
DIOXIN	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	ng/Kg	E1613B	**24**	**62**	**21**	**32**	**30**	**5.8**	**3.9**	**74**	**88**
DIOXIN	1,2,3,6,7,8-HEXACHLORODIBENZOFURAN	ng/Kg	E1613B	**6.6**	**16**	**5.6**	**9.3**	**7.4**	**2.5**	**1.5** J	**22**	**25**
DIOXIN	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	ng/Kg	E1613B	**19**	**40**	**17**	**24**	**21**	**4.7**	**2.8**	**57**	**69**
DIOXIN	1,2,3,7,8,9-HEXACHLORODIBENZOFURAN	ng/Kg	E1613B	**1** J	**3.5**	1.3 U	1.9 U	**1.3** J	**1.2** J	**0.69** J	2.5 U	2 U
DIOXIN	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	ng/Kg	E1613B	**12**	**30**	**9.2**	**16**	**17**	**2.6**	**2.4** J	**40**	**43**
DIOXIN	1,2,3,7,8-PENTACHLORODIBENZOFURAN	ng/Kg	E1613B	**3.5**	**17**	**4.2**	**9.9**	**5.9**	**1.9** J	**1.3** J	**11**	**12**
DIOXIN	2,3,4,6,7,8-HEXACHLORODIBENZOFURAN	ng/Kg	E1613B	**5.8**	**12**	**4.2** J	**6.9** J	**6.1**	**2.3** J	**1.7** J	**16**	**18**
DIOXIN	2,3,4,7,8-PENTACHLORODIBENZOFURAN	ng/Kg	E1613B	**4.3**	**14**	**5**	**11**	**6.9**	**2.6**	**2.2** J	**13**	**15**
DIOXIN	2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN	ng/Kg	E1613B	**23**	**64**	**17**	**33**	**45**	**3.6**	**3.3**	**57**	**81**
DIOXIN	2,3,7,8-TETRACHLORODIBENZOFURAN	ng/Kg	E1613B	**4.3**	**20**	**6.1**	**15**	**7.2**	**2.7**	**2.1**	**12**	**14**
DIOXIN	2005 WHO Mammals CALCULATED TEQ	ng/Kg	E1613B	**50**	**140**	**42**	**74**	**83**	**11**	**8.9**	**150**	**190**
DIOXIN	TOTAL HEPTACHLORO-DIBENZODIOXIN	ng/Kg	E1613B	**590**	**1600**	**770**	**1000**	**970**	**170**	**100**	**2800**	**3400**
DIOXIN	TOTAL HEPTACHLORO-DIBENZOFURAN	ng/Kg	E1613B	**300**	**1100**	**280**	**440**	**380**	**84** J	**44** J	**1700**	**2100**
DIOXIN	TOTAL HEXACHLORO-DIBENZODIOXIN	ng/Kg	E1613B	**220**	**520**	**170**	**260**	**260**	**59**	**41**	**640**	**810**
DIOXIN	TOTAL HEXACHLORO-DIBENZOFURAN	ng/Kg	E1613B	**140**	**420**	**110**	**180**	**160**	**55** J	**28** J	**520**	**570**
DIOXIN	TOTAL PENTACHLORO-DIBENZODIOXIN	ng/Kg	E1613B	**99**	**260**	**66**	**120**	**140**	**22**	**21**	**250**	**340**
DIOXIN	TOTAL PENTACHLORO-DIBENZOFURAN	ng/Kg	E1613B	**93** J	**280** J	**71**	**130** J	**120** J	**48** J	**29**	**230** J	**270** J
DIOXIN	TOTAL TETRACHLORO-DIBENZODIOXIN	ng/Kg	E1613B	**140**	**420**	**94**	**170**	**240**	**26**	**28**	**320**	**480**
DIOXIN	TOTAL TETRACHLORO-DIBENZOFURAN	ng/Kg	E1613B	**260** J	**770** J	**170**	**310** J	**380** J	**64** J	**63**	**670** J	**890** J

J = Estimated value
U = Undetected
UJ = Undetected; Estimated detection limit
D = Analyzed at a secondary dilution factor
SL = Selected MDEQ Screening Level
Bold = analyte detected; Shaded = analyte exceeds SL

Table 1, part 1 of 2
Dioxin and Furan Soil Analytical Results
Dow Midland Representative Soils Project

		Sample ID	2330-1	2451-1	2485-1	2507-1-C	2507-1	2594-1	2600-1	2623-1	265-1
		Location ID	MidBlind_2330-1	MidBlind_2451-1	MidBlind_2485-1	MidBlind_2507-1-C	MidBlind_2507-1	MidBlind_2594-1	MidBlind_2600-1	MidBlind_2623-1	MidBlind_265-1
		Sample Date	11/13/2006	10/30/2006	11/13/2006	11/6/2006	11/6/2006	11/6/2006	11/6/2006	11/6/2006	11/13/2006
		Sample Depth (in)	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1
		Sample Type	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Group	**Analyte**	**Units**	**Method**								
DIOXIN	1,2,3,4,6,7,8,9-OCTACHLORODIBENZO-P-DIOXIN	ng/Kg	E1613B	**32000**	**19000**	**8600**	**4400**	**2600**	**2500**	**16000**	**1900**	**33000**
DIOXIN	1,2,3,4,6,7,8,9-OCTACHLORODIBENZOFURAN	ng/Kg	E1613B	**2200**	**1600**	**970**	**240**	**180**	**230**	**1400**	**300**	**4400**
DIOXIN	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	ng/Kg	E1613B	**2500**	**1700**	**930**	**370**	**280**	**300**	**1700**	**210**	**3000**
DIOXIN	1,2,3,4,6,7,8-HEPTACHLORODIBENZOFURAN	ng/Kg	E1613B	**710**	**880**	**430**	**97** J	**93** J	**150** J	**480** J	**180** J	**3200**
DIOXIN	1,2,3,4,7,8,9-HEPTACHLORODIBENZOFURAN	ng/Kg	E1613B	**31**	**35**	**16**	**5.7**	**4.8**	**8.1**	**31**	**8.5**	**62**
DIOXIN	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	ng/Kg	E1613B	**28**	**25**	**22**	**7.2**	**6.3**	**9.1**	**28**	**5.8**	**53**
DIOXIN	1,2,3,4,7,8-HEXACHLORODIBENZOFURAN	ng/Kg	E1613B	**37**	**55**	**23**	**9.1**	**8.5**	**14**	**43**	**21**	**86**
DIOXIN	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	ng/Kg	E1613B	**95**	**68**	**53**	**17**	**16**	**20**	**86**	**16**	**150**
DIOXIN	1,2,3,6,7,8-HEXACHLORODIBENZOFURAN	ng/Kg	E1613B	**19**	**29**	**14**	**4.9**	**4.8**	**7.8**	**19**	**10**	**49**
DIOXIN	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	ng/Kg	E1613B	**61**	**48**	**38**	**13**	**11**	**16**	**63**	**9.3**	**100**
DIOXIN	1,2,3,7,8,9-HEXACHLORODIBENZOFURAN	ng/Kg	E1613B	1.9 U	2 U	**1.8**	**2.2** J	**2.1**	**1.3** J	2.3 U	**1.8** J	**6.5**
DIOXIN	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	ng/Kg	E1613B	**40**	**33**	**31**	**9.7**	**8.8**	**13**	**41**	**7.1**	**60**
DIOXIN	1,2,3,7,8-PENTACHLORODIBENZOFURAN	ng/Kg	E1613B	**9.6**	**16**	**6.2**	**3.7**	**3.4**	**5.7**	**13**	**7.8**	**18**
DIOXIN	2,3,4,6,7,8-HEXACHLORODIBENZOFURAN	ng/Kg	E1613B	**17**	**23**	**13**	**3.7**	**3.7**	**6.2**	**18**	**6.5**	**48**
DIOXIN	2,3,4,7,8-PENTACHLORODIBENZOFURAN	ng/Kg	E1613B	**14**	**23**	**10**	**4.3**	**3.6**	**6.8**	**19**	**8**	**30**
DIOXIN	2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN	ng/Kg	E1613B	**80**	**38**	**77**	**19**	**33**	**23**	**220**	**15**	**100**
DIOXIN	2,3,7,8-TETRACHLORODIBENZOFURAN	ng/Kg	E1613B	**13**	**21**	**7.6**	**4.6**	**3.3**	**6.7**	**17**	**10**	**18**
DIOXIN	2005 WHO Mammals CALCULATED TEQ	ng/Kg	E1613B	**200**	**140**	**140**	**42**	**53**	**52**	**330**	**37**	**300**
DIOXIN	TOTAL HEPTACHLORO-DIBENZODIOXIN	ng/Kg	E1613B	**4700**	**3100**	**1700**	**690**	**520**	**540**	**3100**	**380**	**5400**
DIOXIN	TOTAL HEPTACHLORO-DIBENZOFURAN	ng/Kg	E1613B	**1800**	**1900**	**990**	**220**	**200**	**310** J	**1200**	**410**	**6400**
DIOXIN	TOTAL HEXACHLORO-DIBENZODIOXIN	ng/Kg	E1613B	**760**	**580**	**510**	**150**	**140**	**180**	**700**	**140**	**1400**
DIOXIN	TOTAL HEXACHLORO-DIBENZOFURAN	ng/Kg	E1613B	**460**	**750** J	**310**	**100**	**96**	**160**	**460**	**220**	**1700**
DIOXIN	TOTAL PENTACHLORO-DIBENZODIOXIN	ng/Kg	E1613B	**250**	**230**	**250**	**80**	**76**	**110**	**310**	**73**	**500**
DIOXIN	TOTAL PENTACHLORO-DIBENZOFURAN	ng/Kg	E1613B	**250**	**520** J	**190**	**73** J	**68**	**150** J	**300** J	**220** J	**660** J
DIOXIN	TOTAL TETRACHLORO-DIBENZODIOXIN	ng/Kg	E1613B	**390**	**220**	**440**	**130**	**140**	**160**	**690**	**100**	**720**
DIOXIN	TOTAL TETRACHLORO-DIBENZOFURAN	ng/Kg	E1613B	**700**	**500** J	**540**	**280** J	**200**	**290** J	**780** J	**260** J	**1100** J

J = Estimated value
U = Undetected
UJ = Undetected; Estimated detection limit
D = Analyzed at a secondary dilution factor
SL = Selected MDEQ Screening Level
Bold = analyte detected; Shaded = analyte exceeds SL

Table 1, part 1 of 2
Dioxin and Furan Soil Analytical Results
Dow Midland Representative Soils Project

			Sample ID	2689-1-D	2689-1-M	2721-1	2753-1	2753-2	2808-1	2808-2	2823-1	2823-2
			Location ID	MidBlind_2689-1-D	MidBlind_2689-1-M	MidBlind_2721-1	MidBlind_2753-1	MidBlind_2753-2	MidBlind_2808-1	MidBlind_2808-2	MidBlind_2823-1	MidBlind_2823-2
			Sample Date	11/6/2006	11/6/2006	11/6/2006	10/30/2006	10/30/2006	10/30/2006	10/30/2006	11/13/2006	11/13/2006
			Sample Depth (in)	0-1	0-1	0-1	0-1	1-6	0-1	1-6	0-1	1-6
			Sample Type	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Group	**Analyte**	**Units**	**Method**									
DIOXIN	1,2,3,4,6,7,8,9-OCTACHLORODIBENZO-P-DIOXIN	ng/Kg	E1613B	**3500**	**4100** J	**2100**	**11000**	**9900** J	**11000**	**14000**	**4800**	**4700**
DIOXIN	1,2,3,4,6,7,8,9-OCTACHLORODIBENZOFURAN	ng/Kg	E1613B	**370**	**440**	**150**	**880**	**880**	**640**	**800**	**460**	**530**
DIOXIN	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	ng/Kg	E1613B	**340**	**420**	**240**	**870**	**810**	**920**	**1100**	**490**	**500**
DIOXIN	1,2,3,4,6,7,8-HEPTACHLORODIBENZOFURAN	ng/Kg	E1613B	**290** J	**210** J	**89** J	**490**	**490**	**320**	**390**	**310**	**330**
DIOXIN	1,2,3,4,7,8,9-HEPTACHLORODIBENZOFURAN	ng/Kg	E1613B	**15**	**8.9**	**5.2**	**16**	**16**	**14**	**17**	**12**	**13**
DIOXIN	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	ng/Kg	E1613B	**5.7**	**8.1**	**5.8**	**13**	**12**	**13**	**16**	**11**	**12**
DIOXIN	1,2,3,4,7,8-HEXACHLORODIBENZOFURAN	ng/Kg	E1613B	**38**	**20**	**8.9**	**32**	**31**	**33**	**38**	**26**	**26**
DIOXIN	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	ng/Kg	E1613B	**17**	**20**	**16**	**38**	**34**	**37**	**44**	**31**	**31**
DIOXIN	1,2,3,6,7,8-HEXACHLORODIBENZOFURAN	ng/Kg	E1613B	**15**	**8.9**	**5**	**16**	**14**	**14**	**16** D	**12**	**12**
DIOXIN	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	ng/Kg	E1613B	**10**	**13**	**13**	**25**	**22**	**26**	**31**	**21**	**21**
DIOXIN	1,2,3,7,8,9-HEXACHLORODIBENZOFURAN	ng/Kg	E1613B	1.1 U	0.72 U	**2.4** J	**2.6**	1.2 U	0.84 U	**1.9** J	0.94 U	0.87 U
DIOXIN	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	ng/Kg	E1613B	**6.4**	**8.1**	**8.9**	**13**	**12**	**13**	**17**	**16**	**15**
DIOXIN	1,2,3,7,8-PENTACHLORODIBENZOFURAN	ng/Kg	E1613B	**12**	**14**	**3.3**	**20**	**16**	**21**	**23**	**12**	**13**
DIOXIN	2,3,4,6,7,8-HEXACHLORODIBENZOFURAN	ng/Kg	E1613B	**5.7**	**5.8**	**4.5**	**11**	**11**	**12**	**12**	**11**	**11**
DIOXIN	2,3,4,7,8-PENTACHLORODIBENZOFURAN	ng/Kg	E1613B	**11**	**12**	**3.9**	**21**	**17**	**21**	**23**	**14**	**14**
DIOXIN	2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN	ng/Kg	E1613B	**15**	**19** J	**20**	**20**	**20**	**28**	**37**	**32**	**30**
DIOXIN	2,3,7,8-TETRACHLORODIBENZOFURAN	ng/Kg	E1613B	**18**	**19** J	**2.9**	**35**	**24**	**34**	**36**	**18**	**18**
DIOXIN	2005 WHO Mammals CALCULATED TEQ	ng/Kg	E1613B	**44**	**48**	**40**	**74**	**69**	**80**	**100**	**75**	**73**
DIOXIN	TOTAL HEPTACHLORO-DIBENZODIOXIN	ng/Kg	E1613B	**610**	**760**	**430**	**1600**	**1500**	**1900**	**2200**	**890**	**900**
DIOXIN	TOTAL HEPTACHLORO-DIBENZOFURAN	ng/Kg	E1613B	**680**	**520** J	**190**	**1000**	**1100**	**700**	**870**	**640**	**700**
DIOXIN	TOTAL HEXACHLORO-DIBENZODIOXIN	ng/Kg	E1613B	**140**	**170**	**140**	**350**	**320**	**370**	**440**	**240**	**250**
DIOXIN	TOTAL HEXACHLORO-DIBENZOFURAN	ng/Kg	E1613B	**260**	**200**	**100**	**400**	**380**	**350**	**400** J	**280**	**280**
DIOXIN	TOTAL PENTACHLORO-DIBENZODIOXIN	ng/Kg	E1613B	**56**	**72**	**74**	**110**	**100**	**110**	**120**	**120**	**120**
DIOXIN	TOTAL PENTACHLORO-DIBENZOFURAN	ng/Kg	E1613B	**140** J	**140** J	**82** J	**280** J	**250** J	**270** J	**290** J	**180** J	**170** J
DIOXIN	TOTAL TETRACHLORO-DIBENZODIOXIN	ng/Kg	E1613B	**85**	**120**	**120**	**120**	**130**	**130**	**160**	**200**	**200**
DIOXIN	TOTAL TETRACHLORO-DIBENZOFURAN	ng/Kg	E1613B	**200** J	**250** J	**200** J	**330** J	**300** J	**320** J	**370** J	**340** J	**280** J

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U = Undetected
UJ = Undetected; Estimated detection limit
D = Analyzed at a secondary dilution factor
SL = Selected MDEQ Screening Level
Bold = analyte detected; Shaded = analyte exceeds SL

Table 1, part 1 of 2
Dioxin and Furan Soil Analytical Results
Dow Midland Representative Soils Project

		Sample ID	3018-1-C	3018-1	3313-1-C	3313-1	3374-1	3374-2	3473-1-M	3549-1	3607-1
		Location ID	MidBlind_3018-1-C	MidBlind_3018-1	MidBlind_3313-1-C	MidBlind_3313-1	MidBlind_3374-1	MidBlind_3374-2	MidBlind_3473-1-M	MidBlind_3549-1	MidBlind_3607-1
		Sample Date	11/6/2006	11/6/2006	10/23/2006	10/23/2006	10/30/2006	10/30/2006	11/13/2006	11/6/2006	10/23/2006
		Sample Depth (in)	0-1	0-1	0-1	0-1	0-1	1-6	0-1	0-1	0-1
		Sample Type	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Group	**Analyte**	**Units**	**Method**								
DIOXIN	1,2,3,4,6,7,8,9-OCTACHLORODIBENZO-P-DIOXIN	ng/Kg	E1613B	**4000**	**8400**	**5500** J	**8600** J	**26000**	**15000**	**9600**	**41000**	**6700** J
DIOXIN	1,2,3,4,6,7,8,9-OCTACHLORODIBENZOFURAN	ng/Kg	E1613B	**300**	**690**	**1000** J	**1800** J	**1300**	**1000**	**710** J	**5400**	**720** J
DIOXIN	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	ng/Kg	E1613B	**450**	**910**	**550** J	**790** J	**2600**	**1500**	**880**	**4300**	**770** J
DIOXIN	1,2,3,4,6,7,8-HEPTACHLORODIBENZOFURAN	ng/Kg	E1613B	**140** J	**270** J	**1900** J	**3600** J	**550**	**430**	**260**	**3400**	**300** J
DIOXIN	1,2,3,4,7,8,9-HEPTACHLORODIBENZOFURAN	ng/Kg	E1613B	**8.2**	**16**	**40**	**66**	**31**	**26**	**14**	**120**	**13**
DIOXIN	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	ng/Kg	E1613B	**11**	**24**	**11**	**15**	**33**	**24**	**14**	**120**	**13**
DIOXIN	1,2,3,4,7,8-HEXACHLORODIBENZOFURAN	ng/Kg	E1613B	**14**	**27**	**86**	**140**	**50**	**35**	**23**	**180**	**17**
DIOXIN	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	ng/Kg	E1613B	**27**	**53**	**59**	**81**	**91**	**66**	**41**	**280**	**36**
DIOXIN	1,2,3,6,7,8-HEXACHLORODIBENZOFURAN	ng/Kg	E1613B	**6.7**	**12**	**31** D	**53**	**28**	**20**	**13**	**77**	**10**
DIOXIN	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	ng/Kg	E1613B	**20**	**40**	**32**	**42**	**62**	**42**	**30**	**190**	**28**
DIOXIN	1,2,3,7,8,9-HEXACHLORODIBENZOFURAN	ng/Kg	E1613B	1.4 U	1.2 U	4.2 U	4.4 U	2.1 U	4.8 U	1.7 U	**13**	2 U
DIOXIN	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	ng/Kg	E1613B	**13**	**24**	**20**	**30**	**29**	**22**	**21**	**150**	**19**
DIOXIN	1,2,3,7,8-PENTACHLORODIBENZOFURAN	ng/Kg	E1613B	**7.3**	**13**	**15**	**21**	**18**	**11**	**11**	**46**	**4.4**
DIOXIN	2,3,4,6,7,8-HEXACHLORODIBENZOFURAN	ng/Kg	E1613B	**5.3**	**9.1**	**19** J	**35** J	**19**	**14**	**11**	**71**	**7.9** J
DIOXIN	2,3,4,7,8-PENTACHLORODIBENZOFURAN	ng/Kg	E1613B	**7.3**	**12**	**29**	**45**	**21**	**13**	**13**	**62**	**6.5**
DIOXIN	2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN	ng/Kg	E1613B	**32**	**57**	**12**	**15**	**35**	**30**	**47**	**310**	**36**
DIOXIN	2,3,7,8-TETRACHLORODIBENZOFURAN	ng/Kg	E1613B	**8.2**	**13**	**20**	**24**	**23**	**14**	**17**	**45**	**4.8**
DIOXIN	2005 WHO Mammals CALCULATED TEQ	ng/Kg	E1613B	**64**	**120**	**94**	**150**	**140**	**100**	**100**	**670**	**82**
DIOXIN	TOTAL HEPTACHLORO-DIBENZODIOXIN	ng/Kg	E1613B	**830**	**1700**	**1000**	**1400**	**5000**	**2800**	**1700**	**7800**	**1400**
DIOXIN	TOTAL HEPTACHLORO-DIBENZOFURAN	ng/Kg	E1613B	**310**	**610**	**3200**	**5900**	**1400**	**1100**	**640**	**7100**	**690**
DIOXIN	TOTAL HEXACHLORO-DIBENZODIOXIN	ng/Kg	E1613B	**230**	**460**	**500**	**710**	**710**	**510**	**370**	**2400**	**300**
DIOXIN	TOTAL HEXACHLORO-DIBENZOFURAN	ng/Kg	E1613B	**150**	**270**	**1000** J	**1800** J	**700**	**500**	**290**	**2200** J	**220**
DIOXIN	TOTAL PENTACHLORO-DIBENZODIOXIN	ng/Kg	E1613B	**110**	**210**	**210**	**320**	**200**	**160**	**150**	**1200**	**110**
DIOXIN	TOTAL PENTACHLORO-DIBENZOFURAN	ng/Kg	E1613B	**100**	**200** J	**320** J	**500** J	**420**	**300**	**250**	**1200** J	**100**
DIOXIN	TOTAL TETRACHLORO-DIBENZODIOXIN	ng/Kg	E1613B	**190**	**350**	**110**	**140**	**240**	**200**	**230**	**1700**	**130**
DIOXIN	TOTAL TETRACHLORO-DIBENZOFURAN	ng/Kg	E1613B	**290**	**540** J	**300** J	**430** J	**360**	**290**	**400**	**2500** J	**240**

J = Estimated value
U = Undetected
UJ = Undetected; Estimated detection limit
D = Analyzed at a secondary dilution factor
SL = Selected MDEQ Screening Level
Bold = analyte detected; Shaded = analyte exceeds SL

Table 1, part 1 of 2
Dioxin and Furan Soil Analytical Results
Dow Midland Representative Soils Project

			Sample ID	3653-1-C	3653-1	3672-1	3672-2	4072-1	4107-1	4312-1	4421-1	4460-1
			Location ID	MidBlind_3653-1-C	MidBlind_3653-1	MidBlind_3672-1	MidBlind_3672-2	MidBlind_4072-1	MidBlind_4107-1	MidBlind_4312-1	MidBlind_4421-1	MidBlind_4460-1
			Sample Date	10/23/2006	10/23/2006	11/13/2006	11/13/2006	10/23/2006	11/6/2006	11/6/2006	11/13/2006	10/30/2006
			Sample Depth (in)	0-1	0-1	0-1	1-6	0-1	0-1	0-1	0-1	0-1
			Sample Type	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Group	**Analyte**	**Units**	**Method**									
DIOXIN	1,2,3,4,6,7,8,9-OCTACHLORODIBENZO-P-DIOXIN	ng/Kg	E1613B	**1200** J	**930** J	**13000**	**15000**	**21000** J	**3400**	**4800**	**1500**	**22000**
DIOXIN	1,2,3,4,6,7,8,9-OCTACHLORODIBENZOFURAN	ng/Kg	E1613B	**72** J	**66** J	**1300**	**1400**	**2500** J	**790**	**390**	**99**	**1500**
DIOXIN	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	ng/Kg	E1613B	**140** J	**110** J	**1300**	**1400**	**2100** J	**340**	**460**	**160**	**2200**
DIOXIN	1,2,3,4,6,7,8-HEPTACHLORODIBENZOFURAN	ng/Kg	E1613B	**34** J	**33** J	**820**	**860**	**1600** J	**590** J	**230** J	**54**	**1100**
DIOXIN	1,2,3,4,7,8,9-HEPTACHLORODIBENZOFURAN	ng/Kg	E1613B	**2.4** J	**2.1** J	**29**	**30**	**55**	**25**	**7.1**	**2.6**	**49**
DIOXIN	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	ng/Kg	E1613B	**2.6**	**2.3** J	**24**	**26**	**53**	**5.2**	**7.2**	**4.1**	**45**
DIOXIN	1,2,3,4,7,8-HEXACHLORODIBENZOFURAN	ng/Kg	E1613B	**3.9**	**3.8**	**61**	**66**	**100**	**160**	**9.3**	**5**	**230**
DIOXIN	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	ng/Kg	E1613B	**7.2**	**6.4**	**73**	**80**	**130**	**18**	**19**	**9.8**	**130**
DIOXIN	1,2,3,6,7,8-HEXACHLORODIBENZOFURAN	ng/Kg	E1613B	**2.2** J	**2.1** J	**26**	**29**	**44**	**37**	**5.9**	**3.1**	**75**
DIOXIN	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	ng/Kg	E1613B	**5.6**	**4.7**	**43**	**48**	**86**	**10**	**16**	**7.8**	**71**
DIOXIN	1,2,3,7,8,9-HEXACHLORODIBENZOFURAN	ng/Kg	E1613B	**1** J	**1.1** J	1.7 U	1.9 U	**5.5**	**5.1**	**2.5** J	**1.6**	**4.4**
DIOXIN	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	ng/Kg	E1613B	**3.7**	**3.2**	**33**	**37**	**77**	**6.2**	**6.2**	**4.9**	**40**
DIOXIN	1,2,3,7,8-PENTACHLORODIBENZOFURAN	ng/Kg	E1613B	**2.3** J	**1.9** J	**27**	**30**	**41**	**200**	**2.6**	**2.8**	**230**
DIOXIN	2,3,4,6,7,8-HEXACHLORODIBENZOFURAN	ng/Kg	E1613B	**1.6** J	**1.6** J	**20**	**21**	**30** J	**15**	**4.4**	**2.8**	**38**
DIOXIN	2,3,4,7,8-PENTACHLORODIBENZOFURAN	ng/Kg	E1613B	**2.5** J	**2.2** J	**27**	**29**	**49**	**160**	**3.2**	**3.6**	**170**
DIOXIN	2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN	ng/Kg	E1613B	**8.2**	**8.4**	**66**	**78**	**170**	**7.3**	**5.5**	**8.6**	**69**
DIOXIN	2,3,7,8-TETRACHLORODIBENZOFURAN	ng/Kg	E1613B	**3.8**	**2.9**	**37**	**43**	**58**	**410**	**3.1**	**5**	**380**
DIOXIN	2005 WHO Mammals CALCULATED TEQ	ng/Kg	E1613B	**18**	**17**	**160**	**180**	**350**	**150**	**28**	**21**	**300**
DIOXIN	TOTAL HEPTACHLORO-DIBENZODIOXIN	ng/Kg	E1613B	**260**	**200**	**2300**	**2500**	**3700**	**570**	**830**	**290**	**4200**
DIOXIN	TOTAL HEPTACHLORO-DIBENZOFURAN	ng/Kg	E1613B	**78**	**72**	**1700**	**1800**	**3100**	**1200**	**480**	**110**	**2400**
DIOXIN	TOTAL HEXACHLORO-DIBENZODIOXIN	ng/Kg	E1613B	**66**	**58**	**580**	**630**	**1300**	**130**	**160**	**94**	**1000**
DIOXIN	TOTAL HEXACHLORO-DIBENZOFURAN	ng/Kg	E1613B	**39**	**36**	**650** J	**690** J	**1100**	**530**	**160**	**57**	**1300**
DIOXIN	TOTAL PENTACHLORO-DIBENZODIOXIN	ng/Kg	E1613B	**31**	**29**	**260**	**300**	**630**	**57**	**46**	**43**	**370**
DIOXIN	TOTAL PENTACHLORO-DIBENZOFURAN	ng/Kg	E1613B	**32**	**29**	**310** J	**350** J	**710** J	**790** J	**69** J	**50**	**1200** J
DIOXIN	TOTAL TETRACHLORO-DIBENZODIOXIN	ng/Kg	E1613B	**40**	**44**	**400**	**450**	**1100**	**69**	**41**	**65**	**510**
DIOXIN	TOTAL TETRACHLORO-DIBENZOFURAN	ng/Kg	E1613B	**81**	**77**	**630** J	**700** J	**1800** J	**1000** J	**97** J	**140**	**1500** J

J = Estimated value
U = Undetected
UJ = Undetected; Estimated detection limit
D = Analyzed at a secondary dilution factor
SL = Selected MDEQ Screening Level
Bold = analyte detected; Shaded = analyte exceeds SL

Table 1, part 1 of 2
Dioxin and Furan Soil Analytical Results
Dow Midland Representative Soils Project

			Sample ID	4460-2	4505-1	4507-1	4507-2	4528-1	4528-2	4534-1	4755-1	4853-1
			Location ID	MidBlind_4460-2	MidBlind_4505-1	MidBlind_4507-1	MidBlind_4507-2	MidBlind_4528-1	MidBlind_4528-2	MidBlind_4534-1	MidBlind_4755-1	MidBlind_4853-1
			Sample Date	10/30/2006	11/6/2006	11/13/2006	11/13/2006	11/13/2006	11/13/2006	10/30/2006	11/6/2006	10/23/2006
			Sample Depth (in)	1-6	0-1	0-1	1-6	0-1	1-6	0-1	0-1	0-1
			Sample Type	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Group	**Analyte**	**Units**	**Method**									
DIOXIN	1,2,3,4,6,7,8,9-OCTACHLORODIBENZO-P-DIOXIN	ng/Kg	E1613B	**27000**	**3400**	**12000**	**13000**	**1600**	**730**	**15000**	**9600**	**1600** J
DIOXIN	1,2,3,4,6,7,8,9-OCTACHLORODIBENZOFURAN	ng/Kg	E1613B	**2100**	**170**	**580**	**690**	**250**	**93**	**1700**	**1100**	**170** J
DIOXIN	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	ng/Kg	E1613B	**2700**	**210**	**830**	**900**	**170**	**80**	**1600**	**940**	**170** J
DIOXIN	1,2,3,4,6,7,8-HEPTACHLORODIBENZOFURAN	ng/Kg	E1613B	**1500**	**88** J	**200**	**240**	**170**	**90**	**1300**	**580** J	**120** J
DIOXIN	1,2,3,4,7,8,9-HEPTACHLORODIBENZOFURAN	ng/Kg	E1613B	**67**	**4.1**	**11**	**11**	**5**	**3.1**	**38**	**26**	**4.6**
DIOXIN	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	ng/Kg	E1613B	**66**	**4.9**	**11**	**11**	**4.4**	**2.6**	**44**	**22**	**4.5**
DIOXIN	1,2,3,4,7,8-HEXACHLORODIBENZOFURAN	ng/Kg	E1613B	**290**	**6.5**	**34**	**37**	**13**	**8.4**	**75**	**54**	**9.5**
DIOXIN	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	ng/Kg	E1613B	**170**	**11**	**29**	**33**	**13**	**6.7**	**120**	**54**	**12**
DIOXIN	1,2,3,6,7,8-HEXACHLORODIBENZOFURAN	ng/Kg	E1613B	**95**	**4.2**	**11**	**13**	**5.8**	**3.5**	**37** D	**21**	**5**
DIOXIN	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	ng/Kg	E1613B	**98**	**9**	**24**	**24**	**8.8**	**4.5**	**79**	**39**	**7.8**
DIOXIN	1,2,3,7,8,9-HEXACHLORODIBENZOFURAN	ng/Kg	E1613B	10 U	**1.8** J	1.4 U	1.7 U	1.3 U	**1.8** J	**6.2**	1.9 U	**2.4** J
DIOXIN	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	ng/Kg	E1613B	**54**	**5.1**	**9.9**	**11**	**5.9**	**3**	**74**	**25**	**12**
DIOXIN	1,2,3,7,8-PENTACHLORODIBENZOFURAN	ng/Kg	E1613B	**270**	**2.4** J	**37**	**36**	**7.7**	**5.4**	**33**	**20**	**4.4**
DIOXIN	2,3,4,6,7,8-HEXACHLORODIBENZOFURAN	ng/Kg	E1613B	**45**	**3.1**	**8.1**	**7.7**	**5.2**	**2.7**	**28**	**14**	**3.6** J
DIOXIN	2,3,4,7,8-PENTACHLORODIBENZOFURAN	ng/Kg	E1613B	**200**	**2.9**	**30**	**29**	**7.3**	**4.5**	**41**	**22**	**4.6**
DIOXIN	2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN	ng/Kg	E1613B	**95**	**9.1**	**8.4**	**12**	**11**	**5.5**	**120**	**66**	**22**
DIOXIN	2,3,7,8-TETRACHLORODIBENZOFURAN	ng/Kg	E1613B	**460**	**2.8**	**75**	**75**	**14**	**7.4**	**53**	**22**	**6**
DIOXIN	2005 WHO Mammals CALCULATED TEQ	ng/Kg	E1613B	**390**	**24**	**62**	**68**	**29**	**16**	**290**	**140**	**44**
DIOXIN	TOTAL HEPTACHLORO-DIBENZODIOXIN	ng/Kg	E1613B	**5400**	**430**	**1600**	**1700**	**310**	**150**	**2900**	**1600**	**320**
DIOXIN	TOTAL HEPTACHLORO-DIBENZOFURAN	ng/Kg	E1613B	**3200**	**170**	**540**	**610**	**340**	**170**	**2400**	**1300**	**240**
DIOXIN	TOTAL HEXACHLORO-DIBENZODIOXIN	ng/Kg	E1613B	**1400**	**110**	**270**	**270**	**99**	**56**	**1200**	**470**	**110**
DIOXIN	TOTAL HEXACHLORO-DIBENZOFURAN	ng/Kg	E1613B	**1800** J	**85**	**220**	**230**	**130**	**72**	**900** J	**490** J	**100**
DIOXIN	TOTAL PENTACHLORO-DIBENZODIOXIN	ng/Kg	E1613B	**520**	**48**	**71**	**82**	**46**	**25**	**720**	**240**	**70**
DIOXIN	TOTAL PENTACHLORO-DIBENZOFURAN	ng/Kg	E1613B	**1500** J	**67** J	**210**	**210**	**78** J	**48** J	**650** J	**320** J	**70** J
DIOXIN	TOTAL TETRACHLORO-DIBENZODIOXIN	ng/Kg	E1613B	**790**	**72**	**72**	**93**	**67**	**39**	**950**	**380**	**110**
DIOXIN	TOTAL TETRACHLORO-DIBENZOFURAN	ng/Kg	E1613B	**2200** J	**160**	**320**	**330**	**120** J	**70** J	**1700** J	**590** J	**180** J

J = Estimated value
U = Undetected
UJ = Undetected; Estimated detection limit
D = Analyzed at a secondary dilution factor
SL = Selected MDEQ Screening Level
Bold = analyte detected; Shaded = analyte exceeds SL

Table 1, part 1 of 2
Dioxin and Furan Soil Analytical Results
Dow Midland Representative Soils Project

			Sample ID	4927-1	494-1-M	4975-1	4990-1	4995-1	4995-2	5035-1-C	5035-1	5074-1-D
			Location ID	MidBlind_4927-1	MidBlind_494-1-M	MidBlind_4975-1	MidBlind_4990-1	MidBlind_4995-1	MidBlind_4995-2	MidBlind_5035-1-C	MidBlind_5035-1	MidBlind_5074-1-D
			Sample Date	11/6/2006	11/13/2006	11/6/2006	11/6/2006	10/30/2006	10/30/2006	11/6/2006	11/6/2006	11/6/2006
			Sample Depth (in)	0-1	0-1	0-1	0-1	0-1	1-6	0-1	0-1	0-1
			Sample Type	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Group	**Analyte**	**Units**	**Method**									
DIOXIN	1,2,3,4,6,7,8,9-OCTACHLORODIBENZO-P-DIOXIN	ng/Kg	E1613B	**16000**	**4900**	**12000**	**8200**	**12000**	**21000**	**23000**	**8800**	**14000**
DIOXIN	1,2,3,4,6,7,8,9-OCTACHLORODIBENZOFURAN	ng/Kg	E1613B	**2200**	**230**	**860**	**640**	**2000**	**3800**	**240**	**130**	**1600**
DIOXIN	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	ng/Kg	E1613B	**2000**	**440**	**1100**	**960**	**1200**	**2200**	**2800**	**880**	**1500**
DIOXIN	1,2,3,4,6,7,8-HEPTACHLORODIBENZOFURAN	ng/Kg	E1613B	**1300**	**120**	**450** J	**330** J	**1100**	**1900**	**110** J	**60** J	**920**
DIOXIN	1,2,3,4,7,8,9-HEPTACHLORODIBENZOFURAN	ng/Kg	E1613B	**94**	**6.8**	**20**	**15**	**32**	**62**	**5.9**	**3.1**	**36**
DIOXIN	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	ng/Kg	E1613B	**70**	**9**	**19**	**17**	**22**	**40**	**18**	**5.6**	**38**
DIOXIN	1,2,3,4,7,8-HEXACHLORODIBENZOFURAN	ng/Kg	E1613B	**140**	**9.5**	**36**	**18**	**49**	**84**	**9.3**	**5**	**74**
DIOXIN	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	ng/Kg	E1613B	**210**	**19**	**52**	**37**	**71**	**130**	**39**	**14**	**93**
DIOXIN	1,2,3,6,7,8-HEXACHLORODIBENZOFURAN	ng/Kg	E1613B	**61**	**5.1**	**18**	**11**	**23**	**41**	**4.7**	**2.5**	**33**
DIOXIN	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	ng/Kg	E1613B	**130**	**16**	**35**	**34**	**41**	**72**	**35**	**12**	**62**
DIOXIN	1,2,3,7,8,9-HEXACHLORODIBENZOFURAN	ng/Kg	E1613B	**16**	**2.2**	1.7 U	**2.1** J	4.6 U	5.1 U	**2** J	**1.1** J	2.2 U
DIOXIN	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	ng/Kg	E1613B	**83**	**11**	**22**	**22**	**28**	**55**	**7.3**	**3.4**	**48**
DIOXIN	1,2,3,7,8-PENTACHLORODIBENZOFURAN	ng/Kg	E1613B	**20**	**4.1**	**16**	**3.8**	**14**	**19**	**4**	**2.6**	**36**
DIOXIN	2,3,4,6,7,8-HEXACHLORODIBENZOFURAN	ng/Kg	E1613B	**47**	**4.8**	**13**	**7.3**	**16**	**27**	**3**	**1.6** J	**27**
DIOXIN	2,3,4,7,8-PENTACHLORODIBENZOFURAN	ng/Kg	E1613B	**34**	**5**	**16**	**5.8**	**19**	**30**	**3.9**	**2.2** J	**34**
DIOXIN	2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN	ng/Kg	E1613B	**130**	**14**	**53**	**17**	**55**	**98**	**9.1**	**5**	**110**
DIOXIN	2,3,7,8-TETRACHLORODIBENZOFURAN	ng/Kg	E1613B	**18**	**6.6**	**20**	**3.6**	**15**	**22**	**4.3**	**3**	**52**
DIOXIN	2005 WHO Mammals CALCULATED TEQ	ng/Kg	E1613B	**330**	**40**	**120**	**69**	**140**	**250**	**66**	**26**	**240**
DIOXIN	TOTAL HEPTACHLORO-DIBENZODIOXIN	ng/Kg	E1613B	**3700**	**850**	**1900**	**1800**	**2200**	**4000**	**5000**	**1600**	**2600**
DIOXIN	TOTAL HEPTACHLORO-DIBENZOFURAN	ng/Kg	E1613B	**3000**	**260**	**990**	**720**	**2400**	**4500**	**250**	**140**	**2000**
DIOXIN	TOTAL HEXACHLORO-DIBENZODIOXIN	ng/Kg	E1613B	**1800**	**200**	**420**	**340**	**530**	**970**	**340**	**120**	**820**
DIOXIN	TOTAL HEXACHLORO-DIBENZOFURAN	ng/Kg	E1613B	**1500** J	**100**	**420** J	**240**	**670**	**1200**	**95**	**53**	**870** J
DIOXIN	TOTAL PENTACHLORO-DIBENZODIOXIN	ng/Kg	E1613B	**630**	**77**	**190**	**110**	**220**	**420**	**55**	**28**	**460**
DIOXIN	TOTAL PENTACHLORO-DIBENZOFURAN	ng/Kg	E1613B	**1100** J	**73**	**250** J	**100** J	**290**	**470** J	**51** J	**29** J	**700** J
DIOXIN	TOTAL TETRACHLORO-DIBENZODIOXIN	ng/Kg	E1613B	**760**	**110**	**290**	**87**	**260**	**470**	**72**	**34**	**730**
DIOXIN	TOTAL TETRACHLORO-DIBENZOFURAN	ng/Kg	E1613B	**1100** J	**200**	**570** J	**210** J	**380**	**650** J	**150** J	**64** J	**1500** J

J = Estimated value
U = Undetected
UJ = Undetected; Estimated detection limit
D = Analyzed at a secondary dilution factor
SL = Selected MDEQ Screening Level
Bold = analyte detected; Shaded = analyte exceeds SL

Table 1, part 1 of 2
Dioxin and Furan Soil Analytical Results
Dow Midland Representative Soils Project

			Sample ID	5074-1-M	5112-1	5116-1	5135-1-D	5135-1-M	5299-1-C	5299-1	5308-1	5338-1
			Location ID	MidBlind_5074-1-M	MidBlind_5112-1	MidBlind_5116-1	MidBlind_5135-1-D	MidBlind_5135-1-M	MidBlind_5299-1-C	MidBlind_5299-1	MidBlind_5308-1	MidBlind_5338-1
			Sample Date	11/6/2006	10/23/2006	11/13/2006	10/23/2006	10/23/2006	10/23/2006	10/23/2006	11/6/2006	10/30/2006
			Sample Depth (in)	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1
			Sample Type	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Group	**Analyte**	**Units**	**Method**									
DIOXIN	1,2,3,4,6,7,8,9-OCTACHLORODIBENZO-P-DIOXIN	ng/Kg	E1613B	**14000**	**860** J	**6900**	**7200** J	**6800** J	**5400** J	**12000** J	**24000**	**15000**
DIOXIN	1,2,3,4,6,7,8,9-OCTACHLORODIBENZOFURAN	ng/Kg	E1613B	**1400** J	**49** J	**520**	**710** J	**700** J	**420** J	**860** J	**1900**	**790**
DIOXIN	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	ng/Kg	E1613B	**1500**	**85** J	**780**	**610** J	**610** J	**690** J	**1400** J	**1800**	**1500**
DIOXIN	1,2,3,4,6,7,8-HEPTACHLORODIBENZOFURAN	ng/Kg	E1613B	**910**	**32** J	**220**	**470** J	**490** J	**170** J	**280** J	**1100**	**280**
DIOXIN	1,2,3,4,7,8,9-HEPTACHLORODIBENZOFURAN	ng/Kg	E1613B	**38**	**2** J	**13**	**14**	**14**	**12**	**22**	**41**	**19**
DIOXIN	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	ng/Kg	E1613B	**36**	**2.6**	**15**	**14**	**14**	**17**	**28**	**42**	**21**
DIOXIN	1,2,3,4,7,8-HEXACHLORODIBENZOFURAN	ng/Kg	E1613B	**72**	**3.5**	**21**	**24**	**24**	**19**	**28**	**73**	**45**
DIOXIN	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	ng/Kg	E1613B	**91**	**5.8**	**44**	**36**	**35**	**36**	**66**	**100**	**69**
DIOXIN	1,2,3,6,7,8-HEXACHLORODIBENZOFURAN	ng/Kg	E1613B	**34**	**1.9** J	**11**	**12** D	**12**	**10**	**15**	**30**	**17**
DIOXIN	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	ng/Kg	E1613B	**57**	**4**	**28**	**26**	**24**	**26**	**47**	**70**	**43**
DIOXIN	1,2,3,7,8,9-HEXACHLORODIBENZOFURAN	ng/Kg	E1613B	**6.1**	**1.5** J	1.2 U	**1.8** J	**2.5**	1.8 U	**2.3**	2.5 U	3.2 U
DIOXIN	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	ng/Kg	E1613B	**49**	**3.4**	**20**	**21**	**21**	**22**	**39**	**82**	**21**
DIOXIN	1,2,3,7,8-PENTACHLORODIBENZOFURAN	ng/Kg	E1613B	**32**	**1.3** J	**9.4**	**10**	**9.8**	**7.7**	**11**	**31**	**33**
DIOXIN	2,3,4,6,7,8-HEXACHLORODIBENZOFURAN	ng/Kg	E1613B	**27**	**1.8** J	**9.4**	**11** J	**11** J	**9.2** J	**12** J	**26**	**11**
DIOXIN	2,3,4,7,8-PENTACHLORODIBENZOFURAN	ng/Kg	E1613B	**32**	**1.8**	**11**	**13**	**13**	**11**	**15**	**31**	**24**
DIOXIN	2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN	ng/Kg	E1613B	**110**	**5**	**56**	**40**	**40**	**55**	**110**	**170**	**47**
DIOXIN	2,3,7,8-TETRACHLORODIBENZOFURAN	ng/Kg	E1613B	**41**	**1.5**	**13**	**14**	**14**	**13**	**14**	**36**	**44**
DIOXIN	2005 WHO Mammals CALCULATED TEQ	ng/Kg	E1613B	**230**	**13**	**110**	**93**	**93**	**100**	**190**	**330**	**120**
DIOXIN	TOTAL HEPTACHLORO-DIBENZODIOXIN	ng/Kg	E1613B	**2600**	**240**	**1400**	**1200**	**1100**	**1300**	**2700**	**3200**	**3000**
DIOXIN	TOTAL HEPTACHLORO-DIBENZOFURAN	ng/Kg	E1613B	**1900**	**65**	**520**	**900**	**940**	**450**	**800**	**2300**	**740**
DIOXIN	TOTAL HEXACHLORO-DIBENZODIOXIN	ng/Kg	E1613B	**800**	**61**	**370**	**350**	**340**	**330**	**590**	**870**	**540**
DIOXIN	TOTAL HEXACHLORO-DIBENZOFURAN	ng/Kg	E1613B	**850** J	**40**	**210**	**310** J	**320** J	**210**	**330**	**1000** J	**330**
DIOXIN	TOTAL PENTACHLORO-DIBENZODIOXIN	ng/Kg	E1613B	**450**	**26**	**160**	**160**	**170**	**180**	**290**	**510**	**150**
DIOXIN	TOTAL PENTACHLORO-DIBENZOFURAN	ng/Kg	E1613B	**700** J	**40**	**170** J	**190** J	**200** J	**180**	**240**	**640** J	**230** J
DIOXIN	TOTAL TETRACHLORO-DIBENZODIOXIN	ng/Kg	E1613B	**720**	**38**	**300**	**200**	**210**	**310**	**520**	**800**	**210**
DIOXIN	TOTAL TETRACHLORO-DIBENZOFURAN	ng/Kg	E1613B	**1400** J	**79**	**540**	**420** J	**440** J	**610**	**810**	**1100** J	**330**

J = Estimated value
U = Undetected
UJ = Undetected; Estimated detection limit
D = Analyzed at a secondary dilution factor
SL = Selected MDEQ Screening Level
Bold = analyte detected; Shaded = analyte exceeds SL

Table 1, part 1 of 2
Dioxin and Furan Soil Analytical Results
Dow Midland Representative Soils Project

			Sample ID	5338-2	5453-1	5583-1	5583-2	5620-1-C	5620-1	5620-2-C	5620-2	5664-1
			Location ID	MidBlind_5338-2	MidBlind_5453-1	MidBlind_5583-1	MidBlind_5583-2	MidBlind_5620-1-C	MidBlind_5620-1	MidBlind_5620-2-C	MidBlind_5620-2	MidBlind_5664-1
			Sample Date	10/30/2006	11/6/2006	11/13/2006	11/13/2006	11/13/2006	11/13/2006	11/13/2006	11/13/2006	10/23/2006
			Sample Depth (in)	1-6	0-1	0-1	1-6	0-1	0-1	1-6	1-6	0-1
			Sample Type	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Group	**Analyte**	**Units**	**Method**									
DIOXIN	1,2,3,4,6,7,8,9-OCTACHLORODIBENZO-P-DIOXIN	ng/Kg	E1613B	**15000**	**2100**	**11000**	**9100**	**16000**	**18000**	**14000**	**17000**	**3800** J
DIOXIN	1,2,3,4,6,7,8,9-OCTACHLORODIBENZOFURAN	ng/Kg	E1613B	**830**	**280**	**1400**	**840**	**1400**	**1600**	**1600**	**1800**	**380** J
DIOXIN	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	ng/Kg	E1613B	**1500**	**250**	**1100**	**900**	**1600**	**1800**	**1600**	**1800**	**330** J
DIOXIN	1,2,3,4,6,7,8-HEPTACHLORODIBENZOFURAN	ng/Kg	E1613B	**290**	**220** J	**880**	**790**	**890**	**1100**	**1000**	**1300**	**140** J
DIOXIN	1,2,3,4,7,8,9-HEPTACHLORODIBENZOFURAN	ng/Kg	E1613B	**18**	**8.6**	**50**	**52**	**39**	**46**	**43**	**52**	**6.4**
DIOXIN	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	ng/Kg	E1613B	**20**	**6.4**	**14**	**13**	**39**	**44**	**37**	**45**	**6.7**
DIOXIN	1,2,3,4,7,8-HEXACHLORODIBENZOFURAN	ng/Kg	E1613B	**50**	**19**	**74**	**75**	**120**	**110**	**130**	**140**	**9.8**
DIOXIN	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	ng/Kg	E1613B	**55**	**18**	**79**	**87**	**110**	**120**	**110**	**150**	**21**
DIOXIN	1,2,3,6,7,8-HEXACHLORODIBENZOFURAN	ng/Kg	E1613B	**18**	**8.5**	**30**	**29**	**47**	**52**	**49**	**62**	**5.3**
DIOXIN	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	ng/Kg	E1613B	**38**	**11**	**33**	**29**	**66**	**80**	**68**	**89**	**13**
DIOXIN	1,2,3,7,8,9-HEXACHLORODIBENZOFURAN	ng/Kg	E1613B	3.3 U	0.65 U	1.7 U	1.7 U	**4.4**	**4.7**	**5**	**5.7**	0.72 U
DIOXIN	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	ng/Kg	E1613B	**22**	**8.8**	**17**	**15**	**48**	**52**	**53**	**59**	**17**
DIOXIN	1,2,3,7,8-PENTACHLORODIBENZOFURAN	ng/Kg	E1613B	**40**	**8.4**	**20**	**17**	**83** J	**58** J	**86**	**64**	**3.3**
DIOXIN	2,3,4,6,7,8-HEXACHLORODIBENZOFURAN	ng/Kg	E1613B	**9.6**	**6.5**	**18**	**17**	**33**	**39**	**37**	**45**	**5.1** J
DIOXIN	2,3,4,7,8-PENTACHLORODIBENZOFURAN	ng/Kg	E1613B	**30**	**8.4**	**22**	**21**	**76**	**58**	**80**	**69**	**4.7**
DIOXIN	2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN	ng/Kg	E1613B	**53**	**17**	**26**	**23**	**110**	**110**	**110**	**120**	**52**
DIOXIN	2,3,7,8-TETRACHLORODIBENZOFURAN	ng/Kg	E1613B	**51**	**11**	**25**	**21**	**150** J	**98** J	**160** J	**110** J	**4.1**
DIOXIN	2005 WHO Mammals CALCULATED TEQ	ng/Kg	E1613B	**130**	**42**	**100**	**93**	**270**	**270**	**280**	**300**	**83**
DIOXIN	TOTAL HEPTACHLORO-DIBENZODIOXIN	ng/Kg	E1613B	**2800**	**420**	**1900**	**1600**	**3100**	**3400**	**2900**	**3300**	**630**
DIOXIN	TOTAL HEPTACHLORO-DIBENZOFURAN	ng/Kg	E1613B	**780**	**440** J	**1800**	**1500**	**1900**	**2300**	**2200**	**2700**	**380**
DIOXIN	TOTAL HEXACHLORO-DIBENZODIOXIN	ng/Kg	E1613B	**450**	**140**	**480**	**470**	**950**	**1100**	**970**	**1200**	**170**
DIOXIN	TOTAL HEXACHLORO-DIBENZOFURAN	ng/Kg	E1613B	**340**	**170**	**600** J	**580** J	**940**	**1100**	**1100**	**1400**	**120**
DIOXIN	TOTAL PENTACHLORO-DIBENZODIOXIN	ng/Kg	E1613B	**150**	**72**	**140**	**130**	**460**	**490**	**510**	**590**	**92**
DIOXIN	TOTAL PENTACHLORO-DIBENZOFURAN	ng/Kg	E1613B	**250**	**94**	**230** J	**220** J	**860** J	**940** J	**950** J	**1100** J	**72** J
DIOXIN	TOTAL TETRACHLORO-DIBENZODIOXIN	ng/Kg	E1613B	**230**	**110**	**150**	**140**	**800**	**890**	**910**	**1000**	**170**
DIOXIN	TOTAL TETRACHLORO-DIBENZOFURAN	ng/Kg	E1613B	**360**	**160** J	**290** J	**250** J	**2000** J	**2000** J	**2200** J	**2200** J	**240**

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UJ = Undetected; Estimated detection limit
D = Analyzed at a secondary dilution factor
SL = Selected MDEQ Screening Level
Bold = analyte detected; Shaded = analyte exceeds SL

Table 1, part 1 of 2
Dioxin and Furan Soil Analytical Results
Dow Midland Representative Soils Project

			Sample ID	5672-1-C	5672-1	5685-1	5685-2	5690-1	5716-1	574-1	574-2	5890-1
			Location ID	MidBlind_5672-1-C	MidBlind_5672-1	MidBlind_5685-1	MidBlind_5685-2	MidBlind_5690-1	MidBlind_5716-1	MidBlind_574-1	MidBlind_574-2	MidBlind_5890-1
			Sample Date	11/6/2006	11/6/2006	11/13/2006	11/13/2006	10/23/2006	11/6/2006	11/13/2006	11/13/2006	11/13/2006
			Sample Depth (in)	0-1	0-1	0-1	1-6	0-1	0-1	0-1	1-6	0-1
			Sample Type	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Group	**Analyte**	**Units**	**Method**									
DIOXIN	1,2,3,4,6,7,8,9-OCTACHLORODIBENZO-P-DIOXIN	ng/Kg	E1613B	**1600**	**4600**	**24000**	**18000**	**13000** J	**560**	**53000**	**45000**	**11000**
DIOXIN	1,2,3,4,6,7,8,9-OCTACHLORODIBENZOFURAN	ng/Kg	E1613B	**150**	**410**	**2300**	**1800**	**1700** J	**57**	**7400**	**6400**	**1100**
DIOXIN	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	ng/Kg	E1613B	**170**	**490**	**2100**	**1700**	**1200** J	**63**	**5300**	**4400**	**1100**
DIOXIN	1,2,3,4,6,7,8-HEPTACHLORODIBENZOFURAN	ng/Kg	E1613B	**94** J	**300** J	**1200**	**990**	**1200** J	**40** J	**2400**	**2100**	**530**
DIOXIN	1,2,3,4,7,8,9-HEPTACHLORODIBENZOFURAN	ng/Kg	E1613B	**3.1**	**9**	**35**	**31**	**27**	**4.1**	**94**	**85**	**22**
DIOXIN	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	ng/Kg	E1613B	**3.6**	**11**	**29**	**25**	**23**	**1.6** J	**65**	**53**	**21**
DIOXIN	1,2,3,4,7,8-HEXACHLORODIBENZOFURAN	ng/Kg	E1613B	**4.8**	**16**	**48** J	**45**	**41**	**58**	**120**	**110**	**31**
DIOXIN	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	ng/Kg	E1613B	**8.8**	**27**	**92**	**72**	**69**	**4.7**	**230**	**190**	**57**
DIOXIN	1,2,3,6,7,8-HEXACHLORODIBENZOFURAN	ng/Kg	E1613B	**2.5** J	**8.3**	**31**	**27** J	**21** D	**14**	**75**	**64**	**18**
DIOXIN	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	ng/Kg	E1613B	**6.9**	**18**	**54**	**44**	**45**	**3.1**	**120**	**95**	**38**
DIOXIN	1,2,3,7,8,9-HEXACHLORODIBENZOFURAN	ng/Kg	E1613B	**1.2** J	1.8 U	1.7 U	1.4 U	3.1 U	**1.5** J	3.3 U	3.6 U	1.9 U
DIOXIN	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	ng/Kg	E1613B	**4.4**	**13**	**41**	**36**	**25**	**2** J	**78**	**62**	**30**
DIOXIN	1,2,3,7,8-PENTACHLORODIBENZOFURAN	ng/Kg	E1613B	**1.7** J	**6.8**	**11**	**11**	**13**	**77**	**24**	**21**	**11**
DIOXIN	2,3,4,6,7,8-HEXACHLORODIBENZOFURAN	ng/Kg	E1613B	**2** J	**6.9**	**24**	**21**	**20** J	**5.1**	**57**	**48**	**18**
DIOXIN	2,3,4,7,8-PENTACHLORODIBENZOFURAN	ng/Kg	E1613B	**2** J	**6.7**	**17**	**16**	**20**	**51**	**40**	**36**	**15**
DIOXIN	2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN	ng/Kg	E1613B	**8**	**24**	**34**	**29**	**46**	**3.9**	**270**	**240**	**64**
DIOXIN	2,3,7,8-TETRACHLORODIBENZOFURAN	ng/Kg	E1613B	**2.1**	**7.4**	**15**	**15**	**15**	**97**	**34**	**29**	**16**
DIOXIN	2005 WHO Mammals CALCULATED TEQ	ng/Kg	E1613B	**19**	**59**	**150**	**130**	**130**	**43**	**520**	**450**	**140**
DIOXIN	TOTAL HEPTACHLORO-DIBENZODIOXIN	ng/Kg	E1613B	**310**	**890**	**4000**	**3200**	**2300**	**110**	**9400**	**7900**	**2000**
DIOXIN	TOTAL HEPTACHLORO-DIBENZOFURAN	ng/Kg	E1613B	**190**	**580**	**2500**	**2100**	**2300**	**85**	**6700**	**5800**	**1200**
DIOXIN	TOTAL HEXACHLORO-DIBENZODIOXIN	ng/Kg	E1613B	**79**	**240**	**690**	**570**	**630**	**40**	**1600**	**1400**	**510**
DIOXIN	TOTAL HEXACHLORO-DIBENZOFURAN	ng/Kg	E1613B	**59**	**210**	**930** J	**770** J	**650** J	**130**	**2300**	**2000** J	**410**
DIOXIN	TOTAL PENTACHLORO-DIBENZODIOXIN	ng/Kg	E1613B	**38**	**140**	**220**	**190**	**220**	**20**	**570**	**480**	**230**
DIOXIN	TOTAL PENTACHLORO-DIBENZOFURAN	ng/Kg	E1613B	**31** J	**120** J	**450** J	**410** J	**310** J	**260** J	**950**	**870** J	**300** J
DIOXIN	TOTAL TETRACHLORO-DIBENZODIOXIN	ng/Kg	E1613B	**48**	**240**	**210**	**180**	**300**	**28**	**940**	**790**	**380**
DIOXIN	TOTAL TETRACHLORO-DIBENZOFURAN	ng/Kg	E1613B	**96** J	**450** J	**530** J	**460** J	**520** J	**300** J	**1200**	**970** J	**700**

J = Estimated value
U = Undetected
UJ = Undetected; Estimated detection limit
D = Analyzed at a secondary dilution factor
SL = Selected MDEQ Screening Level
Bold = analyte detected; Shaded = analyte exceeds SL

Table 1, part 1 of 2
Dioxin and Furan Soil Analytical Results
Dow Midland Representative Soils Project

			Sample ID	5895-1-C	5895-1
			Location ID	MidBlind_5895-1-C	MidBlind_5895-1
			Sample Date	11/6/2006	11/6/2006
			Sample Depth (in)	0-1	0-1
			Sample Type	Soil	Soil
Group	**Analyte**	**Units**	**Method**		
DIOXIN	1,2,3,4,6,7,8,9-OCTACHLORODIBENZO-P-DIOXIN	ng/Kg	E1613B	**26000**	**25000**
DIOXIN	1,2,3,4,6,7,8,9-OCTACHLORODIBENZOFURAN	ng/Kg	E1613B	**2500**	**2700**
DIOXIN	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	ng/Kg	E1613B	**2700**	**2600**
DIOXIN	1,2,3,4,6,7,8-HEPTACHLORODIBENZOFURAN	ng/Kg	E1613B	**1700**	**1800**
DIOXIN	1,2,3,4,7,8,9-HEPTACHLORODIBENZOFURAN	ng/Kg	E1613B	**64**	**67**
DIOXIN	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	ng/Kg	E1613B	**59**	**61**
DIOXIN	1,2,3,4,7,8-HEXACHLORODIBENZOFURAN	ng/Kg	E1613B	**130**	**160**
DIOXIN	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	ng/Kg	E1613B	**180**	**180**
DIOXIN	1,2,3,6,7,8-HEXACHLORODIBENZOFURAN	ng/Kg	E1613B	**63**	**64**
DIOXIN	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	ng/Kg	E1613B	**100**	**100**
DIOXIN	1,2,3,7,8,9-HEXACHLORODIBENZOFURAN	ng/Kg	E1613B	**7.9**	**9.5**
DIOXIN	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	ng/Kg	E1613B	**66**	**66**
DIOXIN	1,2,3,7,8-PENTACHLORODIBENZOFURAN	ng/Kg	E1613B	**61**	**82**
DIOXIN	2,3,4,6,7,8-HEXACHLORODIBENZOFURAN	ng/Kg	E1613B	**45**	**45**
DIOXIN	2,3,4,7,8-PENTACHLORODIBENZOFURAN	ng/Kg	E1613B	**58**	**68**
DIOXIN	2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN	ng/Kg	E1613B	**140**	**160**
DIOXIN	2,3,7,8-TETRACHLORODIBENZOFURAN	ng/Kg	E1613B	**86**	**100**
DIOXIN	2005 WHO Mammals CALCULATED TEQ	ng/Kg	E1613B	**350**	**370**
DIOXIN	TOTAL HEPTACHLORO-DIBENZODIOXIN	ng/Kg	E1613B	**5000**	**4700**
DIOXIN	TOTAL HEPTACHLORO-DIBENZOFURAN	ng/Kg	E1613B	**3700**	**3900**
DIOXIN	TOTAL HEXACHLORO-DIBENZODIOXIN	ng/Kg	E1613B	**1400**	**1400**
DIOXIN	TOTAL HEXACHLORO-DIBENZOFURAN	ng/Kg	E1613B	**1700**	**1700**
DIOXIN	TOTAL PENTACHLORO-DIBENZODIOXIN	ng/Kg	E1613B	**560**	**600**
DIOXIN	TOTAL PENTACHLORO-DIBENZOFURAN	ng/Kg	E1613B	**1200** J	**990** J
DIOXIN	TOTAL TETRACHLORO-DIBENZODIOXIN	ng/Kg	E1613B	**920**	**1000**
DIOXIN	TOTAL TETRACHLORO-DIBENZOFURAN	ng/Kg	E1613B	**1800** J	**1800** J

J = Estimated value
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D = Analyzed at a secondary dilution factor
SL = Selected MDEQ Screening Level
Bold = analyte detected; Shaded = analyte exceeds SL

Table 1, part 2 of 2
Dioxin and Furan Soil Analytical Results
Dow Midland Representative Soils Project

			Sample ID	593-1	6038-1	6082-1	6328-1	6450-1	6547-1-D	6547-1	6630-1	6676-1
			Location ID	MidBlind_593-1	MidBlind_6038-1	MidBlind_6082-1	MidBlind_6328-1	MidBlind_6450-1	MidBlind_6547-1-D	MidBlind_6547-1	MidBlind_6630-1	MidBlind_6676-1
			Sample Date	11/6/2006	11/6/2006	11/13/2006	10/23/2006	11/6/2006	11/6/2006	11/6/2006	10/30/2006	10/30/2006
			Sample Depth (in)	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1
			Sample Type	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Group	**Analyte**	**Units**	**Method**									
DIOXIN	1,2,3,4,6,7,8,9-OCTACHLORODIBENZO-P-DIOXIN	ng/Kg	E1613B	**11000**	**6300**	**1500**	**3600** J	**14000**	**9600**	**7000**	**11000**	**3000** J
DIOXIN	1,2,3,4,6,7,8,9-OCTACHLORODIBENZOFURAN	ng/Kg	E1613B	**1600**	**390**	**120**	**500** J	**1400**	**960**	**870**	**800**	**300**
DIOXIN	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	ng/Kg	E1613B	**1000**	**570**	**140**	**390** J	**1100**	**1000**	**870**	**1100**	**310**
DIOXIN	1,2,3,4,6,7,8-HEPTACHLORODIBENZOFURAN	ng/Kg	E1613B	**1200**	**150** J	**70**	**270** J	**880**	**420** J	**390** J	**540**	**180**
DIOXIN	1,2,3,4,7,8,9-HEPTACHLORODIBENZOFURAN	ng/Kg	E1613B	**26**	**9**	**2.8**	**12**	**23**	**18**	**16**	**22**	**7.8**
DIOXIN	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	ng/Kg	E1613B	**16**	**14**	**3.1**	**9.4**	**24**	**22**	**20**	**26**	**7**
DIOXIN	1,2,3,4,7,8-HEXACHLORODIBENZOFURAN	ng/Kg	E1613B	**38**	**14**	**5.3**	**18**	**38**	**28**	**26**	**42**	**19**
DIOXIN	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	ng/Kg	E1613B	**51**	**27**	**8.3**	**23**	**64**	**62**	**53**	**63**	**19**
DIOXIN	1,2,3,6,7,8-HEXACHLORODIBENZOFURAN	ng/Kg	E1613B	**19**	**7.8**	**2.8**	**10**	**19**	**16**	**15**	**22**	**8.2**
DIOXIN	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	ng/Kg	E1613B	**30**	**20**	**6.2**	**17**	**44**	**45**	**38**	**43**	**13**
DIOXIN	1,2,3,7,8,9-HEXACHLORODIBENZOFURAN	ng/Kg	E1613B	**3.3**	**1.3** J	**1.6** J	0.99 U	1.7 U	**3.6**	**2.8**	1.7 U	0.67 U
DIOXIN	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	ng/Kg	E1613B	**19**	**15**	**4.5**	**11**	**31**	**26**	**24**	**28**	**12**
DIOXIN	1,2,3,7,8-PENTACHLORODIBENZOFURAN	ng/Kg	E1613B	**13**	**4.7**	**3.3**	**6.1**	**13**	**11**	**9.5**	**19**	**12**
DIOXIN	2,3,4,6,7,8-HEXACHLORODIBENZOFURAN	ng/Kg	E1613B	**15**	**5.7**	**3.2**	**7.6** J	**14**	**12**	**11**	**14**	**6.4**
DIOXIN	2,3,4,7,8-PENTACHLORODIBENZOFURAN	ng/Kg	E1613B	**14**	**5.8**	**3.4**	**7.7**	**14**	**12**	**11**	**19**	**12**
DIOXIN	2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN	ng/Kg	E1613B	**35**	**38**	**7.5**	**21**	**49**	**55**	**50**	**61**	**25**
DIOXIN	2,3,7,8-TETRACHLORODIBENZOFURAN	ng/Kg	E1613B	**17**	**5.4**	**4.9**	**8.7**	**15**	**14**	**11**	**29**	**18**
DIOXIN	2005 WHO Mammals CALCULATED TEQ	ng/Kg	E1613B	**100**	**74**	**19**	**52**	**130**	**120**	**110**	**140**	**56**
DIOXIN	TOTAL HEPTACHLORO-DIBENZODIOXIN	ng/Kg	E1613B	**1900**	**1100**	**260**	**690**	**2100**	**1800**	**1500**	**2000**	**570**
DIOXIN	TOTAL HEPTACHLORO-DIBENZOFURAN	ng/Kg	E1613B	**2300**	**380**	**150**	**590**	**1800**	**1000**	**940**	**1200**	**360**
DIOXIN	TOTAL HEXACHLORO-DIBENZODIOXIN	ng/Kg	E1613B	**380**	**250**	**76**	**180**	**540**	**490**	**430**	**560**	**190**
DIOXIN	TOTAL HEXACHLORO-DIBENZOFURAN	ng/Kg	E1613B	**540**	**160**	**62**	**230**	**490**	**390**	**350**	**510**	**170** J
DIOXIN	TOTAL PENTACHLORO-DIBENZODIOXIN	ng/Kg	E1613B	**160**	**130**	**35**	**99**	**270**	**240**	**210**	**260**	**94**
DIOXIN	TOTAL PENTACHLORO-DIBENZOFURAN	ng/Kg	E1613B	**210** J	**120** J	**50**	**120**	**250** J	**290** J	**240** J	**340** J	**140** J
DIOXIN	TOTAL TETRACHLORO-DIBENZODIOXIN	ng/Kg	E1613B	**230**	**230**	**45**	**140**	**340**	**430**	**380**	**390**	**150**
DIOXIN	TOTAL TETRACHLORO-DIBENZOFURAN	ng/Kg	E1613B	**380** J	**380** J	**98**	**290**	**570** J	**820** J	**700** J	**590** J	**290**

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UJ = Undetected; Estimated detection limit
D = Analyzed at a secondary dilution factor
SL = Selected MDEQ Screening Level
Bold = analyte detected; Shaded = analyte exceeds SL

Table 1, part 2 of 2
Dioxin and Furan Soil Analytical Results
Dow Midland Representative Soils Project

			Sample ID	6676-2-D	6676-2	6712-1	6713-1	6772-1-D	6772-1	6823-1-C	6823-1	6960-1-C
			Location ID	MidBlind_6676-2-D	MidBlind_6676-2	MidBlind_6712-1	MidBlind_6713-1	MidBlind_6772-1-D	MidBlind_6772-1	MidBlind_6823-1-C	MidBlind_6823-1	MidBlind_6960-1-C
			Sample Date	10/30/2006	10/30/2006	11/6/2006	11/6/2006	11/6/2006	11/6/2006	11/6/2006	11/6/2006	11/13/2006
			Sample Depth (in)	1-6	1-6	0-1	0-1	0-1	0-1	0-1	0-1	0-1
			Sample Type	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Group	**Analyte**	**Units**	**Method**									
DIOXIN	1,2,3,4,6,7,8,9-OCTACHLORODIBENZO-P-DIOXIN	ng/Kg	E1613B	**3300** J	**3100** J	**24000**	**30000**	**4300**	**4900** J	**1200**	**850**	**540**
DIOXIN	1,2,3,4,6,7,8,9-OCTACHLORODIBENZOFURAN	ng/Kg	E1613B	**330**	**290**	**3400**	**2300**	**310**	**340**	**94**	**79**	**57**
DIOXIN	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	ng/Kg	E1613B	**340**	**330**	**2400**	**3000**	**460**	**500**	**160**	**110**	**57**
DIOXIN	1,2,3,4,6,7,8-HEPTACHLORODIBENZOFURAN	ng/Kg	E1613B	**200**	**190**	**2400**	**840**	**130** J	**130** J	**90** J	**78** J	**38**
DIOXIN	1,2,3,4,7,8,9-HEPTACHLORODIBENZOFURAN	ng/Kg	E1613B	**8**	**7.9**	**63**	**43**	**7.2**	**7.4**	**4.4**	**3.8**	**1.5** J
DIOXIN	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	ng/Kg	E1613B	**7.1**	**7.7**	**59**	**43**	**7.8**	**7.6**	**5.4**	**4.1**	**1.7** J
DIOXIN	1,2,3,4,7,8-HEXACHLORODIBENZOFURAN	ng/Kg	E1613B	**17**	**19**	**130**	**63**	**11**	**11**	**10**	**12**	**3.3**
DIOXIN	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	ng/Kg	E1613B	**21**	**20**	**160**	**120**	**21**	**22**	**14**	**11**	**3.6**
DIOXIN	1,2,3,6,7,8-HEXACHLORODIBENZOFURAN	ng/Kg	E1613B	**8**	**8.1**	**61**	**28**	**5.8**	**5.8**	**4.2**	**5.2**	**2.4** J
DIOXIN	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	ng/Kg	E1613B	**13**	**14**	**110**	**88**	**15**	**15**	**10**	**7.9**	**2.8**
DIOXIN	1,2,3,7,8,9-HEXACHLORODIBENZOFURAN	ng/Kg	E1613B	0.66 U	**0.92** J	**13**	**5.8**	0.78 U	0.65 U	0.67 U	**2.5** J	**1.1** J
DIOXIN	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	ng/Kg	E1613B	**13**	**13**	**82**	**44**	**10**	**10**	**8.4**	**7**	**1.8** J
DIOXIN	1,2,3,7,8-PENTACHLORODIBENZOFURAN	ng/Kg	E1613B	**11**	**13**	**54**	**20**	**4.4**	**4.1**	**4.7**	**8.8**	**2** J
DIOXIN	2,3,4,6,7,8-HEXACHLORODIBENZOFURAN	ng/Kg	E1613B	**6.2**	**5.8**	**41**	**24**	**4.3**	**4.2**	**3.8**	**3.5**	**2.1** J
DIOXIN	2,3,4,7,8-PENTACHLORODIBENZOFURAN	ng/Kg	E1613B	**12**	**13**	**53**	**24**	**8.1** J	**4.6** J	**4.5**	**7.2**	**2.5** J
DIOXIN	2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN	ng/Kg	E1613B	**27**	**31**	**160**	**160**	**35**	**32**	**17**	**26**	**2.1**
DIOXIN	2,3,7,8-TETRACHLORODIBENZOFURAN	ng/Kg	E1613B	**19**	**21**	**66**	**23**	**5**	**5.2**	**5.7**	**14**	**3.5**
DIOXIN	2005 WHO Mammals CALCULATED TEQ	ng/Kg	E1613B	**59**	**64**	**380**	**300**	**62**	**59**	**35**	**44**	**7.8**
DIOXIN	TOTAL HEPTACHLORO-DIBENZODIOXIN	ng/Kg	E1613B	**650**	**620**	**4300**	**5400**	**820**	**870**	**280**	**200**	**100**
DIOXIN	TOTAL HEPTACHLORO-DIBENZOFURAN	ng/Kg	E1613B	**420**	**380**	**4900**	**2200**	**310**	**320**	**170**	**150**	**76**
DIOXIN	TOTAL HEXACHLORO-DIBENZODIOXIN	ng/Kg	E1613B	**200**	**200**	**1300**	**1000**	**180**	**180**	**120**	**96**	**36**
DIOXIN	TOTAL HEXACHLORO-DIBENZOFURAN	ng/Kg	E1613B	**170** J	**170** J	**1400** J	**760** J	**130**	**130**	**100**	**92**	**43**
DIOXIN	TOTAL PENTACHLORO-DIBENZODIOXIN	ng/Kg	E1613B	**93**	**100**	**770**	**370**	**79**	**80**	**67**	**56**	**17**
DIOXIN	TOTAL PENTACHLORO-DIBENZOFURAN	ng/Kg	E1613B	**140** J	**140**	**830** J	**460** J	**77**	**77** J	**70** J	**83**	**43**
DIOXIN	TOTAL TETRACHLORO-DIBENZODIOXIN	ng/Kg	E1613B	**150**	**170**	**1200**	**670**	**140**	**160**	**120**	**130**	**18**
DIOXIN	TOTAL TETRACHLORO-DIBENZOFURAN	ng/Kg	E1613B	**300** J	**350**	**1900** J	**1100** J	**220** J	**240** J	**240** J	**250**	**90**

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D = Analyzed at a secondary dilution factor
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Bold = analyte detected; Shaded = analyte exceeds SL

Table 1, part 2 of 2
Dioxin and Furan Soil Analytical Results
Dow Midland Representative Soils Project

		Sample ID	6960-1	6960-2-C	6960-2	706-1-C	706-1	706-2-C	706-2	7124-1	7346-1
		Location ID	MidBlind_6960-1	MidBlind_6960-2-C	MidBlind_6960-2	MidBlind_706-1-C	MidBlind_706-1	MidBlind_706-2-C	MidBlind_706-2	MidBlind_7124-1	MidBlind_7346-1
		Sample Date	11/13/2006	11/13/2006	11/13/2006	11/13/2006	11/13/2006	11/13/2006	11/13/2006	11/6/2006	11/6/2006
		Sample Depth (in)	0-1	1-6	1-6	0-1	0-1	1-6	1-6	0-1	0-1
		Sample Type	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Group	**Analyte**	**Units**	**Method**								
DIOXIN	1,2,3,4,6,7,8,9-OCTACHLORODIBENZO-P-DIOXIN	ng/Kg	E1613B	**520**	**420**	**470**	**12000**	**13000**	**14000**	**17000**	**2600**	**15000**
DIOXIN	1,2,3,4,6,7,8,9-OCTACHLORODIBENZOFURAN	ng/Kg	E1613B	**57**	**43**	**50**	**980**	**980**	**1200**	**1200**	**220**	**1400**
DIOXIN	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	ng/Kg	E1613B	**56**	**44**	**48**	**1400**	**1500**	**1600**	**1900**	**320**	**1700**
DIOXIN	1,2,3,4,6,7,8-HEPTACHLORODIBENZOFURAN	ng/Kg	E1613B	**34**	**30**	**35**	**580**	**590**	**760**	**730**	**150** J	**540** J
DIOXIN	1,2,3,4,7,8,9-HEPTACHLORODIBENZOFURAN	ng/Kg	E1613B	**1.5** J	**1.2** J	**1.1** J	**22**	**24**	**28**	**33**	**8.8**	**34**
DIOXIN	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	ng/Kg	E1613B	**1.6** J	**1.1** J	**1.4** J	**24**	**29**	**29**	**38**	**12**	**38**
DIOXIN	1,2,3,4,7,8-HEXACHLORODIBENZOFURAN	ng/Kg	E1613B	**3.7**	**2.9**	**2.6**	**42**	**44**	**49**	**53**	**16**	**59**
DIOXIN	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	ng/Kg	E1613B	**4**	**2.8**	**3**	**64**	**74**	**79**	**94**	**29**	**93**
DIOXIN	1,2,3,6,7,8-HEXACHLORODIBENZOFURAN	ng/Kg	E1613B	**2.1** J	**1.8** J	**1.9** J	**38**	**42**	**52**	**55**	**8.2**	**30**
DIOXIN	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	ng/Kg	E1613B	**2.9**	**2.1** J	**2.3** J	**51**	**59**	**62**	**75**	**22**	**61**
DIOXIN	1,2,3,7,8,9-HEXACHLORODIBENZOFURAN	ng/Kg	E1613B	**1** J	**0.94** J	**0.84** J	1.3 U	1.1 U	1.7 U	1.7 U	**1.5** J	**4.2**
DIOXIN	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	ng/Kg	E1613B	**2.1** J	**1.5** J	**1.7** J	**19**	**24**	**24**	**30**	**19**	**49**
DIOXIN	1,2,3,7,8-PENTACHLORODIBENZOFURAN	ng/Kg	E1613B	**2.3** J	**1.9** J	**1.9** J	**17**	**18**	**17**	**16**	**6.2**	**19**
DIOXIN	2,3,4,6,7,8-HEXACHLORODIBENZOFURAN	ng/Kg	E1613B	**2.5** J	**2** J	**2.3** J	**29**	**31**	**38**	**43**	**6.8**	**20**
DIOXIN	2,3,4,7,8-PENTACHLORODIBENZOFURAN	ng/Kg	E1613B	**2.7**	**2** J	**2.3** J	**20**	**22**	**24**	**23**	**7.5**	**22**
DIOXIN	2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN	ng/Kg	E1613B	**2.2**	**2.1**	**2.1**	**17**	**24**	**30**	**28**	**34**	**140**
DIOXIN	2,3,7,8-TETRACHLORODIBENZOFURAN	ng/Kg	E1613B	**3.6**	**3**	**3.5**	**23**	**23**	**23**	**20**	**7.3**	**20**
DIOXIN	2005 WHO Mammals CALCULATED TEQ	ng/Kg	E1613B	**8.3**	**6.8**	**7.3**	**93**	**110**	**120**	**130**	**71**	**250**
DIOXIN	TOTAL HEPTACHLORO-DIBENZODIOXIN	ng/Kg	E1613B	**110**	**80**	**88**	**2600**	**3000**	**3100**	**3700**	**590**	**3200**
DIOXIN	TOTAL HEPTACHLORO-DIBENZOFURAN	ng/Kg	E1613B	**73**	**59**	**71**	**1200**	**1200**	**1600**	**1600**	**300**	**1400**
DIOXIN	TOTAL HEXACHLORO-DIBENZODIOXIN	ng/Kg	E1613B	**39**	**28**	**31**	**570**	**700**	**700**	**870**	**260**	**790**
DIOXIN	TOTAL HEXACHLORO-DIBENZOFURAN	ng/Kg	E1613B	**40**	**29**	**32**	**840** J	**920** J	**1100** J	**1200** J	**160** J	**620** J
DIOXIN	TOTAL PENTACHLORO-DIBENZODIOXIN	ng/Kg	E1613B	**18**	**13**	**14**	**140**	**180**	**170**	**220**	**160**	**410**
DIOXIN	TOTAL PENTACHLORO-DIBENZOFURAN	ng/Kg	E1613B	**41**	**32**	**29**	**530** J	**580** J	**710** J	**710** J	**150**	**510** J
DIOXIN	TOTAL TETRACHLORO-DIBENZODIOXIN	ng/Kg	E1613B	**18**	**12**	**16**	**110**	**150**	**170**	**180**	**320**	**710**
DIOXIN	TOTAL TETRACHLORO-DIBENZOFURAN	ng/Kg	E1613B	**93**	**60**	**65**	**380** J	**490** J	**510** J	**560** J	**520** J	**1400** J

J = Estimated value
U = Undetected
UJ = Undetected; Estimated detection limit
D = Analyzed at a secondary dilution factor
SL = Selected MDEQ Screening Level
Bold = analyte detected; Shaded = analyte exceeds SL

Table 1, part 2 of 2
Dioxin and Furan Soil Analytical Results
Dow Midland Representative Soils Project

			Sample ID	7500-1	7500-2	7530-1	7530-2	7727-1	7734-1	7734-2-M	7759-1-D	7759-1
			Location ID	MidBlind_7500-1	MidBlind_7500-2	MidBlind_7530-1	MidBlind_7530-2	MidBlind_7727-1	MidBlind_7734-1	MidBlind_7734-2-M	MidBlind_7759-1-D	MidBlind_7759-1
			Sample Date	11/13/2006	11/13/2006	10/30/2006	10/30/2006	11/13/2006	11/13/2006	11/13/2006	10/23/2006	10/23/2006
			Sample Depth (in)	0-1	1-6	0-1	1-6	0-1	0-1	1-6	0-1	0-1
			Sample Type	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Group	**Analyte**	**Units**	**Method**									
DIOXIN	1,2,3,4,6,7,8,9-OCTACHLORODIBENZO-P-DIOXIN	ng/Kg	E1613B	**62000**	**53000**	**100** J	**100** J	**4100**	0	**35000**	**16000** J	**17000** J
DIOXIN	1,2,3,4,6,7,8,9-OCTACHLORODIBENZOFURAN	ng/Kg	E1613B	**7900**	**7400**	**7.5**	**7.1**	**330**	**3100**	**2200**	**1100** J	**1300** J
DIOXIN	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	ng/Kg	E1613B	**5200**	**4700**	**18**	**17**	**510**	**5800**	**3300**	**1700** J	**1900** J
DIOXIN	1,2,3,4,6,7,8-HEPTACHLORODIBENZOFURAN	ng/Kg	E1613B	**5000**	**4800**	**5.4**	**5.6**	**170**	**1100**	**920** J	**350** J	**420** J
DIOXIN	1,2,3,4,7,8,9-HEPTACHLORODIBENZOFURAN	ng/Kg	E1613B	**150**	**130**	0.82 U	**0.43** J	**8.9**	**59**	**48**	**21**	**26**
DIOXIN	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	ng/Kg	E1613B	**100**	**94**	**0.83** J	**0.78** J	**15**	**68**	**46**	**20** J	**30** J
DIOXIN	1,2,3,4,7,8-HEXACHLORODIBENZOFURAN	ng/Kg	E1613B	**250**	**220**	**0.72** J	**0.72** J	**25**	**95**	**86**	**28** J	**40** J
DIOXIN	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	ng/Kg	E1613B	**310**	**280**	**1.5** J	**1.5** J	**31**	**190**	**140**	**69**	**86**
DIOXIN	1,2,3,6,7,8-HEXACHLORODIBENZOFURAN	ng/Kg	E1613B	**110**	**110**	**0.42** J	**0.42** J	**11**	**54**	**49**	**14** D	**23** J
DIOXIN	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	ng/Kg	E1613B	**180**	**160**	**1.2** J	**1.2** J	**28**	**130**	**80**	**46**	**61**
DIOXIN	1,2,3,7,8,9-HEXACHLORODIBENZOFURAN	ng/Kg	E1613B	**6.9**	**10**	0.26 U	0.36 U	0.8 U	1.9 U	**3**	3 U	4.4 U
DIOXIN	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	ng/Kg	E1613B	**130**	**120**	**0.76** J	**1** J	**16**	**57**	**45**	**27**	**38**
DIOXIN	1,2,3,7,8-PENTACHLORODIBENZOFURAN	ng/Kg	E1613B	**61**	**59**	**0.3** J	**0.24** J	**19**	**42**	**41**	**12** J	**17** J
DIOXIN	2,3,4,6,7,8-HEXACHLORODIBENZOFURAN	ng/Kg	E1613B	**86**	**77**	**0.51** J	**0.61** J	**7.9**	**46**	**37**	**10** J	**17** J
DIOXIN	2,3,4,7,8-PENTACHLORODIBENZOFURAN	ng/Kg	E1613B	**83**	**78**	0.42 U	**0.54** J	**19**	**46**	**42**	**15**	**21**
DIOXIN	2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN	ng/Kg	E1613B	**270**	**270**	**0.74**	**0.88**	**29**	**150**	**130**	**87**	**100**
DIOXIN	2,3,7,8-TETRACHLORODIBENZOFURAN	ng/Kg	E1613B	**85**	**77**	**0.42** J	**0.26** J	**41**	**63**	**60**	**21**	**29**
DIOXIN	2005 WHO Mammals CALCULATED TEQ	ng/Kg	E1613B	**670**	**630**	**2.4**	**2.9**	**75**	**380**	**290**	**170**	**210**
DIOXIN	TOTAL HEPTACHLORO-DIBENZODIOXIN	ng/Kg	E1613B	**9500**	**8600**	**36**	**33**	**880**	**11000**	**6500**	**3100**	**3400**
DIOXIN	TOTAL HEPTACHLORO-DIBENZOFURAN	ng/Kg	E1613B	**10000**	**9900**	**9.3**	**10**	**380**	**3000**	**2300**	**960**	**1100**
DIOXIN	TOTAL HEXACHLORO-DIBENZODIOXIN	ng/Kg	E1613B	**2400**	**2200**	**15**	**11**	**290**	**1400**	**1100**	**520**	**710**
DIOXIN	TOTAL HEXACHLORO-DIBENZOFURAN	ng/Kg	E1613B	**3100** J	**2900** J	**6.7**	**6.3**	**200**	**1400** J	**1300** J	**300** J	**420**
DIOXIN	TOTAL PENTACHLORO-DIBENZODIOXIN	ng/Kg	E1613B	**1100**	**1000**	**6.1**	**5.5**	**120**	**360**	**340**	**190**	**270**
DIOXIN	TOTAL PENTACHLORO-DIBENZOFURAN	ng/Kg	E1613B	**1200** J	**1100** J	**3.2**	**5.9**	**180**	**1100** J	**890** J	**180** J	**270** J
DIOXIN	TOTAL TETRACHLORO-DIBENZODIOXIN	ng/Kg	E1613B	**1600**	**1500**	**6.6**	**5**	**160**	**480**	**480**	**300**	**450**
DIOXIN	TOTAL TETRACHLORO-DIBENZOFURAN	ng/Kg	E1613B	**2500** J	**2300** J	**13**	**12**	**330**	**810** J	**940** J	**400** J	**470** J

J = Estimated value
U = Undetected
UJ = Undetected; Estimated detection limit
D = Analyzed at a secondary dilution factor
SL = Selected MDEQ Screening Level
Bold = analyte detected; Shaded = analyte exceeds SL

Table 1, part 2 of 2
Dioxin and Furan Soil Analytical Results
Dow Midland Representative Soils Project

		Sample ID	7780-1	7886-1-D	7886-1-M	8046-1-D	8046-1	8046-2-D	8046-2	8090-1	816-1
		Location ID	MidBlind_7780-1	MidBlind_7886-1-D	MidBlind_7886-1-M	MidBlind_8046-1-D	MidBlind_8046-1	MidBlind_8046-2-D	MidBlind_8046-2	MidBlind_8090-1	MidBlind_816-1
		Sample Date	11/6/2006	11/6/2006	11/6/2006	10/30/2006	10/30/2006	10/30/2006	10/30/2006	10/23/2006	11/6/2006
		Sample Depth (in)	0-1	0-1	0-1	0-1	0-1	1-6	1-6	0-1	0-1
		Sample Type	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Group	**Analyte**	**Units**	**Method**								
DIOXIN	1,2,3,4,6,7,8,9-OCTACHLORODIBENZO-P-DIOXIN	ng/Kg	E1613B	**4400**	**1500**	**1400**	**5100** J	**5300** J	**5000** J	**5200** J	**1800** J	**12000**
DIOXIN	1,2,3,4,6,7,8,9-OCTACHLORODIBENZOFURAN	ng/Kg	E1613B	**400**	**130**	**140**	**360**	**330**	**350**	**340**	**110** J	**940**
DIOXIN	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	ng/Kg	E1613B	**560**	**210**	**180**	**500**	**530**	**520**	**550**	**200** J	**1100**
DIOXIN	1,2,3,4,6,7,8-HEPTACHLORODIBENZOFURAN	ng/Kg	E1613B	**250** J	**100** J	**100** J	**170**	**180**	**210**	**190**	**57** J	**400** J
DIOXIN	1,2,3,4,7,8,9-HEPTACHLORODIBENZOFURAN	ng/Kg	E1613B	**13**	**8.7** J	**5** J	**7.3**	**7.8**	**8.1**	**7.9**	**3.9**	**17**
DIOXIN	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	ng/Kg	E1613B	**9.6**	**7.1**	**5.1**	**8.7**	**8.6**	**9.6**	**9**	**4.3**	**15**
DIOXIN	1,2,3,4,7,8-HEXACHLORODIBENZOFURAN	ng/Kg	E1613B	**18**	**19** J	**13** J	**14**	**15**	**15**	**15**	**6.1**	**24**
DIOXIN	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	ng/Kg	E1613B	**30**	**17**	**13**	**21**	**23**	**24**	**22**	**11**	**43**
DIOXIN	1,2,3,6,7,8-HEXACHLORODIBENZOFURAN	ng/Kg	E1613B	**9**	**7.2**	**5.5**	**6.3**	**6.8**	**7.7**	**7.1**	**3.1**	**10**
DIOXIN	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	ng/Kg	E1613B	**20**	**14** J	**9.4** J	**15**	**16**	**17**	**16**	**7.6**	**30**
DIOXIN	1,2,3,7,8,9-HEXACHLORODIBENZOFURAN	ng/Kg	E1613B	0.76 U	**1.7** J	0.47 U	0.86 U	0.56 U	0.84 U	0.84 U	1.1 U	1.4 U
DIOXIN	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	ng/Kg	E1613B	**8.4**	**9.9** J	**6.5** J	**9.9**	**11**	**12**	**11**	**5.3**	**36**
DIOXIN	1,2,3,7,8-PENTACHLORODIBENZOFURAN	ng/Kg	E1613B	**4**	**9**	**8.2**	**5.6**	**5.7**	**6.4**	**7.6**	**2.6**	**8**
DIOXIN	2,3,4,6,7,8-HEXACHLORODIBENZOFURAN	ng/Kg	E1613B	**5.7**	**4.8**	**4.2**	**5.6**	**5.9**	**6**	**6**	**2.7** J	**9.6**
DIOXIN	2,3,4,7,8-PENTACHLORODIBENZOFURAN	ng/Kg	E1613B	**4.3**	**7.6**	**7**	**6.8**	**7**	**7.6**	**9**	**3.3**	**9**
DIOXIN	2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN	ng/Kg	E1613B	**13**	**19**	**19**	**15**	**16**	**18**	**23**	**9.2**	**84**
DIOXIN	2,3,7,8-TETRACHLORODIBENZOFURAN	ng/Kg	E1613B	**3.1**	**12**	**13**	**8.1**	**8.1**	**8.9**	**10**	**3.7**	**9.3**
DIOXIN	2005 WHO Mammals CALCULATED TEQ	ng/Kg	E1613B	**42**	**43**	**37**	**43**	**46**	**50**	**54**	**22**	**160**
DIOXIN	TOTAL HEPTACHLORO-DIBENZODIOXIN	ng/Kg	E1613B	**880**	**380**	**320**	**930**	**980**	**980**	**1000**	**400**	**2000**
DIOXIN	TOTAL HEPTACHLORO-DIBENZOFURAN	ng/Kg	E1613B	**630**	**210**	**210**	**380**	**410**	**440**	**430**	**140**	**980**
DIOXIN	TOTAL HEXACHLORO-DIBENZODIOXIN	ng/Kg	E1613B	**200**	**160**	**120**	**210**	**210**	**220**	**210**	**89**	**360**
DIOXIN	TOTAL HEXACHLORO-DIBENZOFURAN	ng/Kg	E1613B	**270**	**130**	**110**	**150**	**170**	**180**	**170**	**63**	**330** J
DIOXIN	TOTAL PENTACHLORO-DIBENZODIOXIN	ng/Kg	E1613B	**80**	**87**	**60**	**73**	**77**	**85**	**78**	**43**	**170**
DIOXIN	TOTAL PENTACHLORO-DIBENZOFURAN	ng/Kg	E1613B	**87**	**99** J	**90** J	**100** J	**110** J	**120** J	**110** J	**45**	**190** J
DIOXIN	TOTAL TETRACHLORO-DIBENZODIOXIN	ng/Kg	E1613B	**96**	**94**	**89**	**110**	**110**	**130**	**130**	**56**	**300**
DIOXIN	TOTAL TETRACHLORO-DIBENZOFURAN	ng/Kg	E1613B	**140** J	**200** J	**210** J	**220** J	**220** J	**250**	**240** J	**130**	**440** J

J = Estimated value
U = Undetected
UJ = Undetected; Estimated detection limit
D = Analyzed at a secondary dilution factor
SL = Selected MDEQ Screening Level
Bold = analyte detected; Shaded = analyte exceeds SL

Table 1, part 2 of 2
Dioxin and Furan Soil Analytical Results
Dow Midland Representative Soils Project

			Sample ID	8193-1	8196-1-D	8196-1-M	8196-2-D	8196-2	8275-1-C	8275-1	8282-1	8282-2
			Location ID	MidBlind_8193-1	MidBlind_8196-1-D	MidBlind_8196-1-M	MidBlind_8196-2-D	MidBlind_8196-2	MidBlind_8275-1-C	MidBlind_8275-1	MidBlind_8282-1	MidBlind_8282-2
			Sample Date	11/13/2006	10/30/2006	10/30/2006	10/30/2006	10/30/2006	10/23/2006	10/23/2006	10/30/2006	10/30/2006
			Sample Depth (in)	0-1	0-1	0-1	1-6	1-6	0-1	0-1	0-1	1-6
			Sample Type	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Group	**Analyte**	**Units**	**Method**									
DIOXIN	1,2,3,4,6,7,8,9-OCTACHLORODIBENZO-P-DIOXIN	ng/Kg	E1613B	**8400**	**18000**	**17000**	**20000**	**18000**	**2800** J	**3700** J	**8700** J	**4500** J
DIOXIN	1,2,3,4,6,7,8,9-OCTACHLORODIBENZOFURAN	ng/Kg	E1613B	**610**	**3100**	**3300**	**3800**	**4000**	**270** J	**400** J	**980**	**390**
DIOXIN	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	ng/Kg	E1613B	**1000**	**2500**	**2200**	**2300**	**2300**	**290** J	**400** J	**910**	**470**
DIOXIN	1,2,3,4,6,7,8-HEPTACHLORODIBENZOFURAN	ng/Kg	E1613B	**410**	**2400**	**2600**	**3000**	**3000** J	**170** J	**260** J	**400**	**210**
DIOXIN	1,2,3,4,7,8,9-HEPTACHLORODIBENZOFURAN	ng/Kg	E1613B	**18**	**280** J	**270** J	**200** J	**290** J	**9.3**	**14**	**17**	**9.7**
DIOXIN	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	ng/Kg	E1613B	**30**	**130** J	**43** J	**36**	**41**	**8.2**	**11**	**13**	**7.6**
DIOXIN	1,2,3,4,7,8-HEXACHLORODIBENZOFURAN	ng/Kg	E1613B	**34**	**550**	**570**	**530**	**600**	**25**	**36**	**19**	**11**
DIOXIN	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	ng/Kg	E1613B	**76**	**360** J	**210** J	**200**	**210**	**25**	**35**	**38**	**20**
DIOXIN	1,2,3,6,7,8-HEXACHLORODIBENZOFURAN	ng/Kg	E1613B	**21**	**270** J	**160** J	**130** J	**160** J	**12**	**18**	**10**	**5.5**
DIOXIN	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	ng/Kg	E1613B	**56**	**180** J	**89** J	**84**	**92**	**18**	**21**	**25**	**14**
DIOXIN	1,2,3,7,8,9-HEXACHLORODIBENZOFURAN	ng/Kg	E1613B	1.5 U	**150** J	**26** J	**19**	**25**	1.8 U	3 U	1.4 U	0.67 U
DIOXIN	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	ng/Kg	E1613B	**46**	**130** J	**45** J	**37**	**40**	**12**	**17**	**22**	**14**
DIOXIN	1,2,3,7,8-PENTACHLORODIBENZOFURAN	ng/Kg	E1613B	**14**	**240** J	**150** J	**180**	**140**	**18**	**24**	**3.5**	**1.9** J
DIOXIN	2,3,4,6,7,8-HEXACHLORODIBENZOFURAN	ng/Kg	E1613B	**17**	**150** J	**64** J	**50**	**68**	**8.7** J	**14** J	**5.6**	**3.9**
DIOXIN	2,3,4,7,8-PENTACHLORODIBENZOFURAN	ng/Kg	E1613B	**18**	**210** J	**120** J	**140**	**120**	**16**	**23**	**6.3**	**3.3**
DIOXIN	2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN	ng/Kg	E1613B	**130**	**46** J	**32** J	**26**	**24**	**19**	**31**	**27**	**14**
DIOXIN	2,3,7,8-TETRACHLORODIBENZOFURAN	ng/Kg	E1613B	**22**	**180**	**180**	**220**	**160**	**28**	**38**	**4**	**2.1**
DIOXIN	2005 WHO Mammals CALCULATED TEQ	ng/Kg	E1613B	**220**	**500**	**310**	**300**	**300**	**55**	**81**	**78**	**43**
DIOXIN	TOTAL HEPTACHLORO-DIBENZODIOXIN	ng/Kg	E1613B	**1800**	**5000**	**4000**	**4000**	**4300**	**550**	**740**	**1700**	**890**
DIOXIN	TOTAL HEPTACHLORO-DIBENZOFURAN	ng/Kg	E1613B	**850**	**5000**	**5500** J	**6100**	**6400** J	**350**	**560**	**950**	**480**
DIOXIN	TOTAL HEXACHLORO-DIBENZODIOXIN	ng/Kg	E1613B	**730**	**2200**	**1700**	**1500**	**1700**	**220**	**290**	**290**	**160**
DIOXIN	TOTAL HEXACHLORO-DIBENZOFURAN	ng/Kg	E1613B	**430**	**2500** J	**2600** J	**2200** J	**2600** J	**220**	**400**	**290**	**150**
DIOXIN	TOTAL PENTACHLORO-DIBENZODIOXIN	ng/Kg	E1613B	**430**	**450**	**530**	**400**	**460**	**110**	**180**	**130**	**73**
DIOXIN	TOTAL PENTACHLORO-DIBENZOFURAN	ng/Kg	E1613B	**390** J	**1400** J	**1100** J	**1100** J	**1000** J	**220** J	**460** J	**110**	**53**
DIOXIN	TOTAL TETRACHLORO-DIBENZODIOXIN	ng/Kg	E1613B	**840**	**370**	**430**	**410**	**350**	**170**	**330**	**170**	**85**
DIOXIN	TOTAL TETRACHLORO-DIBENZOFURAN	ng/Kg	E1613B	**1500**	**770** J	**800** J	**900** J	**680** J	**380**	**760** J	**260**	**130**

J = Estimated value
U = Undetected
UJ = Undetected; Estimated detection limit
D = Analyzed at a secondary dilution factor
SL = Selected MDEQ Screening Level
Bold = analyte detected; Shaded = analyte exceeds SL

Table 1, part 2 of 2
Dioxin and Furan Soil Analytical Results
Dow Midland Representative Soils Project

			Sample ID	8302-1-D	8302-1	8314-1	8314-2	8463-1	8520-1	8532-1	8664-1-D	8664-1-M
			Location ID	MidBlind_8302-1-D	MidBlind_8302-1	MidBlind_8314-1	MidBlind_8314-2	MidBlind_8463-1	MidBlind_8520-1	MidBlind_8532-1	MidBlind_8664-1-D	MidBlind_8664-1-M
			Sample Date	11/6/2006	11/6/2006	11/13/2006	11/13/2006	10/30/2006	11/6/2006	10/30/2006	10/23/2006	10/23/2006
			Sample Depth (in)	0-1	0-1	0-1	1-6	0-1	0-1	0-1	0-1	0-1
			Sample Type	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Group	**Analyte**	**Units**	**Method**									
DIOXIN	1,2,3,4,6,7,8,9-OCTACHLORODIBENZO-P-DIOXIN	ng/Kg	E1613B	**3600**	**3000**	**10000**	**12000**	**6100** J	**2900**	**27000**	**3600** J	**4400** J
DIOXIN	1,2,3,4,6,7,8,9-OCTACHLORODIBENZOFURAN	ng/Kg	E1613B	**320**	**240**	**1300**	**1600**	**240**	**290**	**3300**	**290** J	**280** J
DIOXIN	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	ng/Kg	E1613B	**320**	**300**	**920**	**1100**	**460**	**290**	**2700**	**450** J	**470** J
DIOXIN	1,2,3,4,6,7,8-HEPTACHLORODIBENZOFURAN	ng/Kg	E1613B	**120** J	**130** J	**930**	**1200**	**96**	**170** J	**2500**	**180** J	**190** J
DIOXIN	1,2,3,4,7,8,9-HEPTACHLORODIBENZOFURAN	ng/Kg	E1613B	**4.5**	**4.6**	**24**	**30**	**6.4**	**8.6**	**63**	**10**	**9.9**
DIOXIN	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	ng/Kg	E1613B	**5**	**5.2**	**16**	**19**	**9.1**	**6.2**	**68**	**13**	**13**
DIOXIN	1,2,3,4,7,8-HEXACHLORODIBENZOFURAN	ng/Kg	E1613B	**6**	**6.3**	**38**	**46**	**11** J	**21**	**110**	**20**	**21**
DIOXIN	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	ng/Kg	E1613B	**13**	**12**	**47**	**58**	**20**	**17**	**200**	**34**	**28**
DIOXIN	1,2,3,6,7,8-HEXACHLORODIBENZOFURAN	ng/Kg	E1613B	**2.9**	**3.1**	**19**	**24**	**4.5** J	**7.9**	**57**	**11**	**11**
DIOXIN	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	ng/Kg	E1613B	**9.7**	**9**	**31**	**38**	**17**	**11**	**130**	**21**	**20**
DIOXIN	1,2,3,7,8,9-HEXACHLORODIBENZOFURAN	ng/Kg	E1613B	**1.4** J	**1.8** J	1.4 U	**11**	**2.1** J	0.95 U	**8.9**	1.6 U	1.7 U
DIOXIN	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	ng/Kg	E1613B	**6.2**	**6.2**	**18**	**22**	**7.5**	**7.7**	**97**	**18**	**16**
DIOXIN	1,2,3,7,8-PENTACHLORODIBENZOFURAN	ng/Kg	E1613B	**1.6** J	**1.8** J	**11**	**13**	**3.8**	**14**	**43**	**12**	**11**
DIOXIN	2,3,4,6,7,8-HEXACHLORODIBENZOFURAN	ng/Kg	E1613B	**2.5**	**2.6**	**17**	**19**	**3.4**	**5.2**	**45**	**7.8** J	**8** J
DIOXIN	2,3,4,7,8-PENTACHLORODIBENZOFURAN	ng/Kg	E1613B	**2.1** J	**2.3** J	**14**	**17**	**3.1**	**11**	**54**	**13**	**12**
DIOXIN	2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN	ng/Kg	E1613B	**7.7**	**7.6**	**43**	**44**	**9.5**	**29**	**170**	**46**	**42**
DIOXIN	2,3,7,8-TETRACHLORODIBENZOFURAN	ng/Kg	E1613B	**1.7**	**1.8**	**14**	**17**	**4.2**	**22**	**61**	**20**	**16** J
DIOXIN	2005 WHO Mammals CALCULATED TEQ	ng/Kg	E1613B	**24**	**24**	**110**	**120**	**33**	**55**	**410**	**89**	**83**
DIOXIN	TOTAL HEPTACHLORO-DIBENZODIOXIN	ng/Kg	E1613B	**570**	**530**	**1600**	**2000**	**880**	**530**	**5000**	**820**	**880**
DIOXIN	TOTAL HEPTACHLORO-DIBENZOFURAN	ng/Kg	E1613B	**270**	**280**	**1900**	**2400**	**200**	**370**	**5000**	**380**	**390**
DIOXIN	TOTAL HEXACHLORO-DIBENZODIOXIN	ng/Kg	E1613B	**100**	**100**	**380**	**440**	**190**	**140**	**1600**	**270**	**260**
DIOXIN	TOTAL HEXACHLORO-DIBENZOFURAN	ng/Kg	E1613B	**77**	**84**	**540**	**670**	**99**	**170**	**1400** J	**200**	**200**
DIOXIN	TOTAL PENTACHLORO-DIBENZODIOXIN	ng/Kg	E1613B	**38**	**38**	**150**	**180**	**53**	**66**	**820**	**160**	**150**
DIOXIN	TOTAL PENTACHLORO-DIBENZOFURAN	ng/Kg	E1613B	**36** J	**38** J	**280** J	**350** J	**55** J	**130** J	**750** J	**180** J	**170** J
DIOXIN	TOTAL TETRACHLORO-DIBENZODIOXIN	ng/Kg	E1613B	**45**	**44**	**220**	**260**	**60**	**130**	**1100**	**310**	**290**
DIOXIN	TOTAL TETRACHLORO-DIBENZOFURAN	ng/Kg	E1613B	**98** J	**87** J	**350** J	**430** J	**130** J	**250** J	**1900** J	**640** J	**660** J

J = Estimated value
U = Undetected
UJ = Undetected; Estimated detection limit
D = Analyzed at a secondary dilution factor
SL = Selected MDEQ Screening Level
Bold = analyte detected; Shaded = analyte exceeds SL

Table 1, part 2 of 2
Dioxin and Furan Soil Analytical Results
Dow Midland Representative Soils Project

		Sample ID	8689-1	8734-1-C	8734-1	876-1	876-2	8820-1-C	8820-1-D	8820-1	8927-1
		Location ID	MidBlind_8689-1	MidBlind_8734-1-C	MidBlind_8734-1	MidBlind_876-1	MidBlind_876-2	MidBlind_8820-1-C	MidBlind_8820-1-D	MidBlind_8820-1	MidBlind_8927-1
		Sample Date	10/30/2006	11/6/2006	11/6/2006	11/13/2006	11/13/2006	11/6/2006	11/6/2006	11/6/2006	10/30/2006
		Sample Depth (in)	0-1	0-1	0-1	0-1	1-6	0-1	0-1	0-1	0-1
		Sample Type	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Group	**Analyte**	**Units**	**Method**								
DIOXIN	1,2,3,4,6,7,8,9-OCTACHLORODIBENZO-P-DIOXIN	ng/Kg	E1613B	**3000** J	**6400**	**5500**	**120000**	**92000**	**16000**	**20000**	**18000**	**13000**
DIOXIN	1,2,3,4,6,7,8,9-OCTACHLORODIBENZOFURAN	ng/Kg	E1613B	**300**	**560**	**480**	**5300**	**4600**	**1600**	**1900**	**1700**	**1100**
DIOXIN	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	ng/Kg	E1613B	**290**	**630**	**530**	**9100**	**7400**	**1700**	**2200**	**1900**	**1400**
DIOXIN	1,2,3,4,6,7,8-HEPTACHLORODIBENZOFURAN	ng/Kg	E1613B	**220**	**300** J	**360** J	**3800**	**3300**	**1200**	**1400**	**1300**	**720**
DIOXIN	1,2,3,4,7,8,9-HEPTACHLORODIBENZOFURAN	ng/Kg	E1613B	**7.6**	**14**	**10**	**350**	**310**	**47**	**54**	**54**	**33**
DIOXIN	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	ng/Kg	E1613B	**7.5**	**12**	**9.4**	**130**	**100**	**42**	**52**	**50**	**36**
DIOXIN	1,2,3,4,7,8-HEXACHLORODIBENZOFURAN	ng/Kg	E1613B	**13**	**18**	**23**	**440**	**390**	**120**	**130**	**120**	**77**
DIOXIN	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	ng/Kg	E1613B	**19**	**28**	**26**	**480**	**410**	**130**	**150**	**140**	**87**
DIOXIN	1,2,3,6,7,8-HEXACHLORODIBENZOFURAN	ng/Kg	E1613B	**6**	**9.2**	**9.8**	**240**	**200**	**52**	**50**	**53**	**36**
DIOXIN	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	ng/Kg	E1613B	**13**	**22**	**19**	**300**	**260**	**73**	**94**	**86**	**59**
DIOXIN	1,2,3,7,8,9-HEXACHLORODIBENZOFURAN	ng/Kg	E1613B	0.94 U	2 U	2.1 U	**18**	**17**	**6.3**	**8.6**	**7.5**	**5.2**
DIOXIN	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	ng/Kg	E1613B	**9.8**	**15**	**12**	**98**	**81**	**50**	**63**	**56**	**47**
DIOXIN	1,2,3,7,8-PENTACHLORODIBENZOFURAN	ng/Kg	E1613B	**4.9**	**5.6**	**14**	**54**	**43**	**71**	**72**	**65**	**51**
DIOXIN	2,3,4,6,7,8-HEXACHLORODIBENZOFURAN	ng/Kg	E1613B	**4.5**	**6.9**	**7.1**	**160**	**130**	**33**	**35**	**35**	**26**
DIOXIN	2,3,4,7,8-PENTACHLORODIBENZOFURAN	ng/Kg	E1613B	**5**	**5.8**	**11**	**120**	**100**	**56**	**59**	**56**	**51**
DIOXIN	2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN	ng/Kg	E1613B	**20**	**21**	**11**	**75**	**55**	**120**	**160**	**130**	**110**
DIOXIN	2,3,7,8-TETRACHLORODIBENZOFURAN	ng/Kg	E1613B	**5.7**	**7.5**	**18**	**44**	**35**	**95**	**96**	**98**	**91**
DIOXIN	2005 WHO Mammals CALCULATED TEQ	ng/Kg	E1613B	**44**	**60**	**49**	**560**	**460**	**280**	**340**	**300**	**240**
DIOXIN	TOTAL HEPTACHLORO-DIBENZODIOXIN	ng/Kg	E1613B	**510**	**1200**	**990**	**17000**	**14000**	**3100**	**4000**	**3600**	**2600**
DIOXIN	TOTAL HEPTACHLORO-DIBENZOFURAN	ng/Kg	E1613B	**430**	**640**	**710**	**8200**	**6900**	**2600**	**2900**	**2800**	**1700**
DIOXIN	TOTAL HEXACHLORO-DIBENZODIOXIN	ng/Kg	E1613B	**160**	**260**	**220**	**3700**	**3000**	**1000**	**1200**	**1200**	**770**
DIOXIN	TOTAL HEXACHLORO-DIBENZOFURAN	ng/Kg	E1613B	**140**	**230**	**280**	**4400** J	**3600** J	**1200**	**1300**	**1200**	**830** J
DIOXIN	TOTAL PENTACHLORO-DIBENZODIOXIN	ng/Kg	E1613B	**75**	**86**	**85**	**720**	**620**	**450**	**560**	**490**	**420**
DIOXIN	TOTAL PENTACHLORO-DIBENZOFURAN	ng/Kg	E1613B	**77** J	**110** J	**170** J	**2300** J	**1800** J	**750** J	**860** J	**850** J	**630** J
DIOXIN	TOTAL TETRACHLORO-DIBENZODIOXIN	ng/Kg	E1613B	**110**	**100**	**99**	**420**	**380**	**740**	**930**	**870**	**640**
DIOXIN	TOTAL TETRACHLORO-DIBENZOFURAN	ng/Kg	E1613B	**230** J	**180** J	**220** J	**780** J	**710** J	**1500** J	**1800** J	**1800** J	**1600** J

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UJ = Undetected; Estimated detection limit
D = Analyzed at a secondary dilution factor
SL = Selected MDEQ Screening Level
Bold = analyte detected; Shaded = analyte exceeds SL

Table 1, part 2 of 2
Dioxin and Furan Soil Analytical Results
Dow Midland Representative Soils Project

		Sample ID	9084-1	9144-1	923-1	9278-1	9339-1-C	9339-1	9386-1	9386-2	9482-1
		Location ID	MidBlind_9084-1	MidBlind_9144-1	MidBlind_923-1	MidBlind_9278-1	MidBlind_9339-1-C	MidBlind_9339-1	MidBlind_9386-1	MidBlind_9386-2	MidBlind_9482-1
		Sample Date	10/23/2006	10/30/2006	11/6/2006	11/6/2006	11/6/2006	11/6/2006	10/30/2006	10/30/2006	11/6/2006
		Sample Depth (in)	0-1	0-1	0-1	0-1	0-1	0-1	0-1	1-6	0-1
		Sample Type	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Group	**Analyte**	**Units**	**Method**								
DIOXIN	1,2,3,4,6,7,8,9-OCTACHLORODIBENZO-P-DIOXIN	ng/Kg	E1613B	**19000** J	**9500** J	**3900**	**27000**	**5600**	**12000**	**42000**	**38000**	**9000**
DIOXIN	1,2,3,4,6,7,8,9-OCTACHLORODIBENZOFURAN	ng/Kg	E1613B	**2000** J	**1300**	**330**	**4100**	**400**	**1300**	**4300**	**3300**	**790**
DIOXIN	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	ng/Kg	E1613B	**1700** J	**990**	**410**	**2900**	**530**	**990**	**4200**	**3700**	**950**
DIOXIN	1,2,3,4,6,7,8-HEPTACHLORODIBENZOFURAN	ng/Kg	E1613B	**1400** J	**710**	**210** J	**2700**	**200** J	**850** J	**2100**	**1900**	**460** J
DIOXIN	1,2,3,4,7,8,9-HEPTACHLORODIBENZOFURAN	ng/Kg	E1613B	**44**	**25**	**9.7**	**81**	**7.8**	**27**	**98**	**92**	**22**
DIOXIN	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	ng/Kg	E1613B	**42**	**21**	**7.7**	**78**	**7.8**	**23**	**69**	**51**	**20**
DIOXIN	1,2,3,4,7,8-HEXACHLORODIBENZOFURAN	ng/Kg	E1613B	**87**	**39**	**20**	**150**	**11**	**47**	**150**	**130**	**39**
DIOXIN	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	ng/Kg	E1613B	**110**	**61**	**23**	**190**	**20**	**64**	**220**	**180**	**52**
DIOXIN	1,2,3,6,7,8-HEXACHLORODIBENZOFURAN	ng/Kg	E1613B	**39** D	**22**	**8.8**	**69**	**5.6**	**22**	**84** J	**71**	**19**
DIOXIN	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	ng/Kg	E1613B	**71**	**38**	**16**	**130**	**15**	**41**	**140**	**110**	**34**
DIOXIN	1,2,3,7,8,9-HEXACHLORODIBENZOFURAN	ng/Kg	E1613B	**4.4**	**3.4**	0.79 U	**16**	0.79 U	1.7 U	9.4 U	4.4 U	**2.4** J
DIOXIN	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	ng/Kg	E1613B	**57**	**29**	**12**	**96**	**13**	**36**	**74**	**51**	**27**
DIOXIN	1,2,3,7,8-PENTACHLORODIBENZOFURAN	ng/Kg	E1613B	**38**	**11**	**11**	**49**	**3.2**	**18**	**30**	**22**	**17**
DIOXIN	2,3,4,6,7,8-HEXACHLORODIBENZOFURAN	ng/Kg	E1613B	**25** J	**19**	**6.6**	**55**	**4.2**	**24**	**54**	**40**	**14**
DIOXIN	2,3,4,7,8-PENTACHLORODIBENZOFURAN	ng/Kg	E1613B	**43**	**17**	**9.9**	**58**	**3.7**	**19**	**38**	**32**	**18**
DIOXIN	2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN	ng/Kg	E1613B	**120**	**47**	**32**	**190**	**15**	**68**	**65**	**47**	**65**
DIOXIN	2,3,7,8-TETRACHLORODIBENZOFURAN	ng/Kg	E1613B	**56**	**14**	**13**	**54**	**3.1**	**21**	**31**	**19**	**23**
DIOXIN	2005 WHO Mammals CALCULATED TEQ	ng/Kg	E1613B	**270**	**120**	**64**	**440**	**45**	**160**	**300**	**240**	**130**
DIOXIN	TOTAL HEPTACHLORO-DIBENZODIOXIN	ng/Kg	E1613B	**3200**	**1800**	**740**	**5200**	**980**	**1800**	**8200**	**7000**	**1700**
DIOXIN	TOTAL HEPTACHLORO-DIBENZOFURAN	ng/Kg	E1613B	**2600**	**1600**	**430**	**5600**	**430**	**1700**	**5000**	**4500**	**1000**
DIOXIN	TOTAL HEXACHLORO-DIBENZODIOXIN	ng/Kg	E1613B	**1000**	**500**	**190**	**1600**	**170**	**530**	**1700**	**1300**	**430**
DIOXIN	TOTAL HEXACHLORO-DIBENZOFURAN	ng/Kg	E1613B	**930** J	**650**	**200** J	**1800** J	**160** J	**550**	**2100** J	**1700**	**420**
DIOXIN	TOTAL PENTACHLORO-DIBENZODIOXIN	ng/Kg	E1613B	**480**	**220**	**95**	**890**	**70**	**320**	**510**	**380**	**220**
DIOXIN	TOTAL PENTACHLORO-DIBENZOFURAN	ng/Kg	E1613B	**580** J	**450** J	**150** J	**1100** J	**72**	**280** J	**890** J	**690** J	**300** J
DIOXIN	TOTAL TETRACHLORO-DIBENZODIOXIN	ng/Kg	E1613B	**620**	**330**	**190**	**1400**	**98**	**460**	**620**	**430**	**390**
DIOXIN	TOTAL TETRACHLORO-DIBENZOFURAN	ng/Kg	E1613B	**1200** J	**750** J	**280** J	**2200** J	**170** J	**890** J	**720** J	**460** J	**700** J

J = Estimated value
U = Undetected
UJ = Undetected; Estimated detection limit
D = Analyzed at a secondary dilution factor
SL = Selected MDEQ Screening Level
Bold = analyte detected; Shaded = analyte exceeds SL

Table 1, part 2 of 2
Dioxin and Furan Soil Analytical Results
Dow Midland Representative Soils Project

			Sample ID	9496-1	9496-2	9507-1	9532-1	9645-1-C	9645-1	9645-2-C	9645-2	9672-1-D
			Location ID	MidBlind_9496-1	MidBlind_9496-2	MidBlind_9507-1	MidBlind_9532-1	MidBlind_9645-1-C	MidBlind_9645-1	MidBlind_9645-2-C	MidBlind_9645-2	MidBlind_9672-1-D
			Sample Date	11/13/2006	11/13/2006	11/6/2006	11/6/2006	11/13/2006	11/13/2006	11/13/2006	11/13/2006	10/30/2006
			Sample Depth (in)	0-1	1-6	0-1	0-1	0-1	0-1	1-6	1-6	0-1
			Sample Type	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Group	**Analyte**	**Units**	**Method**									
DIOXIN	1,2,3,4,6,7,8,9-OCTACHLORODIBENZO-P-DIOXIN	ng/Kg	E1613B	**3300**	**3000**	**8100**	**15000**	**1000**	**1300**	**1800** J	**1200** J	**95000**
DIOXIN	1,2,3,4,6,7,8,9-OCTACHLORODIBENZOFURAN	ng/Kg	E1613B	**270**	**240**	**910**	**2000**	**99**	**97**	**180**	**130**	**10000**
DIOXIN	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	ng/Kg	E1613B	**380**	**330**	**930**	**1600**	**99**	**130**	**180** J	**120** J	**11000**
DIOXIN	1,2,3,4,6,7,8-HEPTACHLORODIBENZOFURAN	ng/Kg	E1613B	**140**	**130**	**680**	**1100**	**65**	**55**	**120** J	**75** J	**4200**
DIOXIN	1,2,3,4,7,8,9-HEPTACHLORODIBENZOFURAN	ng/Kg	E1613B	**6.3**	**5.7**	**24**	**41**	**2.3** J	**2.3** J	**3.7**	**2.9**	**210**
DIOXIN	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	ng/Kg	E1613B	**7.4**	**6.7**	**24**	**34**	**2.4** J	**2.6**	**4.2** J	**2.8** J	**190**
DIOXIN	1,2,3,4,7,8-HEXACHLORODIBENZOFURAN	ng/Kg	E1613B	**9.6**	**8.8**	**57**	**68**	**3.4**	**3.1**	**6** J	**4** J	**330**
DIOXIN	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	ng/Kg	E1613B	**16**	**14**	**58**	**81**	**6.2**	**6.6**	**12** J	**7.4** J	**460**
DIOXIN	1,2,3,6,7,8-HEXACHLORODIBENZOFURAN	ng/Kg	E1613B	**4.6**	**4.3**	**27**	**27**	**2.1** J	**1.7** J	**3.5**	**2.5** J	**140** J
DIOXIN	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	ng/Kg	E1613B	**14**	**12**	**39**	**59**	**4.4**	**4.8**	**7.6** J	**5** J	**320**
DIOXIN	1,2,3,7,8,9-HEXACHLORODIBENZOFURAN	ng/Kg	E1613B	0.87 U	1.1 U	**3.7**	**6.7**	**1** J	**1** J	**1.8** J	**0.96** J	**13**
DIOXIN	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	ng/Kg	E1613B	**5.9**	**5**	**28**	**46**	**3.6**	**3.2**	**6.4** J	**4** J	**220**
DIOXIN	1,2,3,7,8-PENTACHLORODIBENZOFURAN	ng/Kg	E1613B	**2.8**	**2.7**	**32**	**19**	**1.2** J	**0.97** J	**2.3** J	**1.6** J	**83**
DIOXIN	2,3,4,6,7,8-HEXACHLORODIBENZOFURAN	ng/Kg	E1613B	**3.3**	**3**	**18**	**25**	**2.2** J	**2.3** J	**3.4**	**2.5** J	**100**
DIOXIN	2,3,4,7,8-PENTACHLORODIBENZOFURAN	ng/Kg	E1613B	**3.2**	**3**	**32**	**23**	**2.4** J	**2.2** J	**3.1** J	**1.9** J	**83**
DIOXIN	2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN	ng/Kg	E1613B	**3.3**	**3.3**	**70**	**110**	**7**	**5**	**13** J	**6.9** J	**290**
DIOXIN	2,3,7,8-TETRACHLORODIBENZOFURAN	ng/Kg	E1613B	**3.5**	**3.6**	**54**	**19**	**1.8**	**1.5**	**2.8** J	**1.3** J	**97**
DIOXIN	2005 WHO Mammals CALCULATED TEQ	ng/Kg	E1613B	**22**	**20**	**160**	**230**	**16**	**13**	**28**	**17**	**880**
DIOXIN	TOTAL HEPTACHLORO-DIBENZODIOXIN	ng/Kg	E1613B	**700**	**620**	**1800**	**2700**	**180**	**230**	**320**	**210**	**20000**
DIOXIN	TOTAL HEPTACHLORO-DIBENZOFURAN	ng/Kg	E1613B	**320**	**290**	**1400**	**2400**	**130**	**110**	**230**	**160**	**11000**
DIOXIN	TOTAL HEXACHLORO-DIBENZODIOXIN	ng/Kg	E1613B	**160**	**140**	**500**	**710**	**57**	**61**	**110**	**66**	**3900**
DIOXIN	TOTAL HEXACHLORO-DIBENZOFURAN	ng/Kg	E1613B	**110** J	**100** J	**630** J	**750** J	**45**	**40**	**79**	**53**	**3600** J
DIOXIN	TOTAL PENTACHLORO-DIBENZODIOXIN	ng/Kg	E1613B	**60**	**55**	**290**	**330**	**31**	**25**	**55**	**31**	**1200**
DIOXIN	TOTAL PENTACHLORO-DIBENZOFURAN	ng/Kg	E1613B	**51** J	**48** J	**430** J	**380** J	**29**	**28**	**52**	**37**	**2100** J
DIOXIN	TOTAL TETRACHLORO-DIBENZODIOXIN	ng/Kg	E1613B	**27**	**30**	**440**	**430**	**57**	**39**	**89**	**55**	**1400**
DIOXIN	TOTAL TETRACHLORO-DIBENZOFURAN	ng/Kg	E1613B	**45** J	**46** J	**1000** J	**750** J	**73**	**58**	**130**	**75**	**2200** J

J = Estimated value
U = Undetected
UJ = Undetected; Estimated detection limit
D = Analyzed at a secondary dilution factor
SL = Selected MDEQ Screening Level
Bold = analyte detected; Shaded = analyte exceeds SL

Table 1, part 2 of 2
Dioxin and Furan Soil Analytical Results
Dow Midland Representative Soils Project

			Sample ID	9672-1	9672-2-D	9672-2	9712-1	9712-2	9812-1	9947-1	9961-1	9974-1
			Location ID	MidBlind_9672-1	MidBlind_9672-2-D	MidBlind_9672-2	MidBlind_9712-1	MidBlind_9712-2	MidBlind_9812-1	MidBlind_9947-1	MidBlind_9961-1	MidBlind_9974-1
			Sample Date	10/30/2006	10/30/2006	10/30/2006	11/13/2006	11/13/2006	11/6/2006	10/23/2006	11/6/2006	10/23/2006
			Sample Depth (in)	0-1	1-6	1-6	0-1	1-6	0-1	0-1	0-1	0-1
			Sample Type	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Group	**Analyte**	**Units**	**Method**									
DIOXIN	1,2,3,4,6,7,8,9-OCTACHLORODIBENZO-P-DIOXIN	ng/Kg	E1613B	**95000**	**6400** J	**6400** J	**25000**	**27000**	**940**	**8100** J	**4000**	**7200** J
DIOXIN	1,2,3,4,6,7,8,9-OCTACHLORODIBENZOFURAN	ng/Kg	E1613B	**9400**	**930**	**820**	**2300**	**2800**	**87**	**750** J	**390**	**440** J
DIOXIN	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	ng/Kg	E1613B	**11000**	**660**	**690**	**2100**	**2400**	**140**	**780** J	**470**	**710** J
DIOXIN	1,2,3,4,6,7,8-HEPTACHLORODIBENZOFURAN	ng/Kg	E1613B	**4500**	**490**	**410**	**1100**	**1200**	**69** J	**470** J	**170** J	**190** J
DIOXIN	1,2,3,4,7,8,9-HEPTACHLORODIBENZOFURAN	ng/Kg	E1613B	**250**	**17**	**16**	**42**	**47**	**2.8**	**17**	**9.5**	**8.8**
DIOXIN	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	ng/Kg	E1613B	**210**	**13**	**14**	**34**	**35**	**2.9**	**19**	**13**	**10**
DIOXIN	1,2,3,4,7,8-HEXACHLORODIBENZOFURAN	ng/Kg	E1613B	**430**	**23**	**25**	**57**	**62**	**4.2**	**40**	**16**	**11**
DIOXIN	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	ng/Kg	E1613B	**480**	**34**	**34**	**95**	**110**	**6.6**	**51**	**30**	**27**
DIOXIN	1,2,3,6,7,8-HEXACHLORODIBENZOFURAN	ng/Kg	E1613B	**170** J	**12**	**12**	**37**	**38**	**3.7**	**18**	**9.2**	**6.1**
DIOXIN	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	ng/Kg	E1613B	**370**	**22**	**24**	**62**	**70**	**6**	**34**	**24**	**19**
DIOXIN	1,2,3,7,8,9-HEXACHLORODIBENZOFURAN	ng/Kg	E1613B	**14**	1.1 U	1.1 U	**3.1**	2.9 U	**0.87** J	**2.2** J	**1.8** J	0.87 U
DIOXIN	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	ng/Kg	E1613B	**230**	**13**	**17**	**34**	**37**	**2.3** J	**40**	**16**	**34**
DIOXIN	1,2,3,7,8-PENTACHLORODIBENZOFURAN	ng/Kg	E1613B	**110**	**5.5**	**6.1**	**13**	**14**	**1.5**	**20**	**7.1**	**3**
DIOXIN	2,3,4,6,7,8-HEXACHLORODIBENZOFURAN	ng/Kg	E1613B	**110**	**9.8**	**11**	**30**	**29**	**3.8**	**12** J	**6.9**	**5.2** J
DIOXIN	2,3,4,7,8-PENTACHLORODIBENZOFURAN	ng/Kg	E1613B	**100**	**8**	**8.8**	**20**	**21**	**1.6**	**23**	**7.9**	**4.7**
DIOXIN	2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN	ng/Kg	E1613B	**300**	**19** J	**28** J	**62**	**160**	**1.7**	**75**	**39**	**53**
DIOXIN	2,3,7,8-TETRACHLORODIBENZOFURAN	ng/Kg	E1613B	**110**	**5.7**	**6.4**	**14**	**19**	**1.6**	**28**	**9.1**	**3.8**
DIOXIN	2005 WHO Mammals CALCULATED TEQ	ng/Kg	E1613B	**950**	**60**	**73**	**170**	**290**	**10**	**160**	**75**	**110**
DIOXIN	TOTAL HEPTACHLORO-DIBENZODIOXIN	ng/Kg	E1613B	**21000**	**1200**	**1300**	**3700**	**4300**	**260**	**1400**	**860**	**1400**
DIOXIN	TOTAL HEPTACHLORO-DIBENZOFURAN	ng/Kg	E1613B	**11000**	**1100**	**950**	**2600**	**3000**	**130** J	**930**	**380**	**450**
DIOXIN	TOTAL HEXACHLORO-DIBENZODIOXIN	ng/Kg	E1613B	**4400**	**320**	**310**	**750**	**850**	**74**	**490**	**250**	**250**
DIOXIN	TOTAL HEXACHLORO-DIBENZOFURAN	ng/Kg	E1613B	**4100** J	**340**	**340**	**900** J	**960** J	**80**	**380**	**180**	**160** J
DIOXIN	TOTAL PENTACHLORO-DIBENZODIOXIN	ng/Kg	E1613B	**1300**	**120**	**120**	**290**	**340**	**20**	**270**	**140**	**120**
DIOXIN	TOTAL PENTACHLORO-DIBENZOFURAN	ng/Kg	E1613B	**2400** J	**180** J	**280** J	**470** J	**490** J	**41**	**290** J	**150** J	**79** J
DIOXIN	TOTAL TETRACHLORO-DIBENZODIOXIN	ng/Kg	E1613B	**1500**	**140**	**160**	**370**	**500**	**13**	**400**	**240**	**170**
DIOXIN	TOTAL TETRACHLORO-DIBENZOFURAN	ng/Kg	E1613B	**2500** J	**220** J	**280** J	**570** J	**630** J	**32** J	**750** J	**430** J	**250**

J = Estimated value
U = Undetected
UJ = Undetected; Estimated detection limit
D = Analyzed at a secondary dilution factor
SL = Selected MDEQ Screening Level
Bold = analyte detected; Shaded = analyte exceeds SL

Table 2
Potential Constituents of Concern (PCOI) Soil Analytical Results
Dow Midland Representative Soils Project

			Sample ID	1139-1	1139-2	1251-1	1251-2	1438-1	1438-2
			Location ID	MidBlind_1139-1	MidBlind_1139-2	MidBlind_1251-1	MidBlind_1251-2	MidBlind_1438-1	MidBlind_1438-2
			Sample Date	10/30/2006	10/30/2006	11/13/2006	11/13/2006	11/13/2006	11/13/2006
			Sample Depth (in)	0-1	1-6	0-1	1-6	0-1	1-6
			Sample Type	Soil	Soil	Soil	Soil	Soil	Soil
Group	**Analyte**	**Units**	**Method**						
GEN	CYANIDE, TOTAL	µg/kg	SW9012A	**180**	**220**	**110** J	130 U	130 U	120 U
GEN	SULFIDE	mg/Kg	SW9034	100 UJ	100 UJ	**130**	110 U	100 U	98.0 U
GEN	TOTAL ORGANIC CARBON	mg/kg	SW9060	**30,000**	**22,000**	**64,000**	**48,000**	**27,000**	**20,000**
HERB	2,4,5-T (TRICHLOROPHENOXYACETIC ACID)	µg/Kg	SW8151A	22.0 U	21.0 U	24.0 U	23.0 U	21.0 U	20.0 U
HERB	2,4-D (DICHLOROPHENOXYACETIC ACID)	µg/kg	SW8151A	22.0 U	21.0 U	24.0 U	23.0 U	21.0 U	20.0 U
HERB	DINOSEB	µg/kg	SW8270C	420 U	410 U	470 U	440 U	420 UJ	400 U
HERB	SILVEX (2,4,5-TP)	µg/kg	SW8151A	22.0 U	21.0 U	24.0 U	23.0 U	21.0 U	20.0 U
MET	ANTIMONY	µg/kg	SW6010B	250 U	240 U	1,100 U	1,500 UJ	240 U	230 U
MET	ARSENIC	µg/kg	SW6010B	**3,400**	**3,000**	**5,700**	**6,100**	**3,400**	**3,100**
MET	BARIUM	µg/kg	SW6010B	**46,000**	**40,000**	**41,000**	**41,000**	**45,000**	**44,000**
MET	BERYLLIUM	µg/kg	SW6010B	**290**	**260**	**390**	**420** J	**310**	**320**
MET	CADMIUM	µg/kg	SW6010B	**210** J	**190** J	630 U	580 U	**290**	**340**
MET	CHROMIUM, TOTAL	µg/kg	SW6010B	**7,900**	**7,000**	**6,000**	**6,200**	**7,500**	**7,500**
MET	COBALT	µg/kg	SW6010B	**3,300**	**3,000**	**1,900**	**2,000**	**2,700**	**2,800**
MET	COPPER	µg/kg	SW6010B	**16,000**	**15,000**	**28,000**	**21,000**	**11,000**	**11,000**
MET	LEAD	µg/kg	SW6010B	**20,000**	**19,000**	**27,000**	**30,000**	**33,000**	**30,000**
MET	MERCURY	µg/kg	SW7471A	**90.0**	**64.0**	**84.0**	**74.0**	**45.0**	**40.0**
MET	NICKEL	µg/kg	SW6010B	**8,900**	**8,100**	**8,200**	**8,100**	**6,900**	**6,700**
MET	SELENIUM	µg/kg	SW6010B	550 U	520 U	590 U	570 U	530 U	510 U
MET	SILVER	µg/kg	SW6010B	61.0 U	58.0 U	66.0 U	63.0 U	59.0 U	57.0 U
MET	THALLIUM	µg/kg	SW6010B	220 U	210 U	240 U	230 U	210 U	210 U
MET	TIN	mg/kg	SW6010B	0.58 U	0.55 U	0.63 U	0.6 U	0.57 U	0.54 U
MET	VANADIUM	µg/kg	SW6010B	**13,000**	**12,000**	**13,000**	**14,000**	**13,000**	**13,000**
MET	ZINC	µg/kg	SW6010B	39,000 U	34,000 U	46,000 U	33,000 U	**39,000**	**35,000**
PCB	PCB-1016 (AROCLOR 1016)	µg/Kg	SW8082	43.0 U	41.0 U	47.0 U	44.0 U	42.0 U	40.0 U
PCB	PCB-1221 (AROCLOR 1221)	µg/Kg	SW8082	43.0 U	41.0 U	47.0 U	44.0 U	42.0 U	40.0 U
PCB	PCB-1232 (AROCLOR 1232)	µg/Kg	SW8082	43.0 U	41.0 U	47.0 U	44.0 U	42.0 U	40.0 U
PCB	PCB-1242 (AROCLOR 1242)	µg/Kg	SW8082	43.0 U	41.0 U	47.0 U	44.0 U	42.0 U	40.0 U
PCB	PCB-1248 (AROCLOR 1248)	µg/Kg	SW8082	43.0 U	41.0 U	47.0 U	44.0 U	42.0 U	40.0 U
PCB	PCB-1254 (AROCLOR 1254)	µg/Kg	SW8082	43.0 U	41.0 U	47.0 U	44.0 U	42.0 U	40.0 U
PCB	PCB-1260 (AROCLOR 1260)	µg/Kg	SW8082	43.0 U	41.0 U	47.0 U	44.0 U	42.0 U	40.0 U
PCB	PCB-1262 (AROCLOR 1262)	µg/Kg	SW8082	43.0 U	41.0 U	47.0 U	44.0 U	42.0 U	40.0 U
PCB	PCB-1268 (AROCLOR 1268)	µg/Kg	SW8082	43.0 U	41.0 U	47.0 U	44.0 U	42.0 U	40.0 U
PCB	SUMMED PCB	µg/Kg	SW8082	**190**	**180**	**210**	**200**	**190**	**180**
PEST	1,2-DIBROMO-3-CHLOROPROPANE	µg/kg	SW8260B	58.0 U	57.0 U	140 U	310 U	57.0 U	52.0 U
PEST	4,4'-DDD	µg/kg	SW8081A	26.0 U	**0.9** J	**6.0** J	**1.3** J	**1.1** J	**2.6** J
PEST	4,4'-DDE	µg/kg	SW8081A	**10.0** J	**16.0** J	**15.0** J	**14.0** J	**6.0** J	**6.8** J
PEST	4,4'-DDT	µg/kg	SW8081A	**6.0** J	**9.8** J	**18.0** J	**17.0** J	**5.0** J	**7.6** J
PEST	ALDRIN	µg/kg	SW8081A	26.0 U	25.0 U	28.0 U	27.0 U	25.0 U	24.0 U
PEST	ALPHA BHC	µg/kg	SW8081A	26.0 U	25.0 U	28.0 U	27.0 U	25.0 U	24.0 U
PEST	BETA BHC	µg/kg	SW8081A	26.0 U	25.0 U	28.0 U	27.0 U	25.0 U	24.0 U
PEST	CHLORDANE	µg/kg	SW8081A	32.0 U	**2.5** J	35.0 U	33.0 U	32.0 U	30.0 U
PEST	DELTA BHC	µg/kg	SW8081A	26.0 U	25.0 U	28.0 UJ	27.0 U	25.0 U	24.0 U
PEST	DIELDRIN	µg/kg	SW8081A	26.0 U	25.0 U	28.0 U	27.0 U	25.0 U	24.0 U
PEST	DIMETHOATE	µg/Kg	SW8270C	850 U	820 U	930 U	890 U	840 U	810 U
PEST	DISULFOTON	µg/Kg	SW8270C	850 U	820 U	930 U	890 U	840 U	810 U
PEST	ENDOSULFAN I	µg/Kg	SW8081A	26.0 U	25.0 U	28.0 U	27.0 UJ	25.0 U	24.0 U
PEST	ENDOSULFAN II	µg/Kg	SW8081A	26.0 U	25.0 U	28.0 U	**1.9** J	25.0 U	24.0 U
PEST	ENDOSULFAN SULFATE	µg/kg	SW8081A	26.0 U	25.0 U	28.0 UJ	27.0 U	25.0 U	24.0 U
PEST	ENDRIN	µg/kg	SW8081A	26.0 U	25.0 U	28.0 U	27.0 U	25.0 U	24.0 U
PEST	ENDRIN ALDEHYDE	µg/Kg	SW8081A	26.0 U	25.0 U	28.0 U	27.0 U	25.0 U	24.0 U
PEST	FAMPHUR	µg/Kg	SW8270C	850 UJ	820 UJ	930 UJ	890 UJ	840 UJ	810 UJ
PEST	GAMMA BHC (LINDANE)	µg/kg	SW8081A	26.0 U	25.0 U	28.0 U	27.0 U	25.0 U	24.0 U
PEST	HEPTACHLOR	µg/kg	SW8081A	26.0 U	25.0 U	28.0 U	27.0 U	25.0 U	24.0 U
PEST	HEPTACHLOR EPOXIDE	µg/kg	SW8081A	26.0 U	25.0 U	28.0 U	27.0 U	**1.3** J	24.0 U
PEST	KEPONE	µg/Kg	SW8270C	2,100 U	2,100 U	2,400 U	2,300 U	2,100 U	2,000 U
PEST	METHOXYCHLOR	µg/kg	SW8081A	65.0 U	62.0 U	71.0 U	67.0 U	63.0 U	60.0 U
PEST	O,O,O-TRIETHYL PHOSPHOROTHIOATE	µg/Kg	SW8270C	420 U	410 U	470 U	440 U	420 U	400 U
PEST	O,O-DIETHYL O-2-PYRAZINYL PHOSPHOROTHIOATE (THIONAZIN)	µg/Kg	SW8270C	420 U	410 U	470 U	440 U	420 U	400 U
PEST	PARATHION, ETHYL (PARATHION)	µg/Kg	SW8270C	420 U	410 U	470 U	440 U	420 U	400 U
PEST	PARATHION, METHYL	µg/kg	SW8270C	850 U	820 U	930 U	890 U	840 U	810 U
PEST	PHORATE	µg/Kg	SW8270C	850 U	820 U	930 U	890 UJ	840 UJ	810 UJ
PEST	TETRAETHYL DITHIOPYROPHOSPHATE (SULFOTEPP)	µg/Kg	SW8270C	850 U	820 U	930 U	890 U	840 U	810 U
PEST	TOXAPHENE	µg/kg	SW8081A	220 U	210 U	240 U	230 U	220 U	210 U
SVOC	1,2,4,5-TETRACHLOROBENZENE	µg/kg	SW8270C	420 U	410 U	470 U	440 U	420 U	400 U
SVOC	1,3-DINITROBENZENE	µg/Kg	SW8270C	420 U	410 U	470 U	440 U	420 U	400 U
SVOC	1,4-DIOXANE	µg/kg	SW8270C	420 U	410 U	470 U	440 UJ	420 UJ	400 UJ
SVOC	1,4-NAPHTHOQUINONE	µg/Kg	SW8270C	850 U	820 U	930 U	890 U	840 UJ	810 U
SVOC	1-NAPHTHYLAMINE	µg/Kg	SW8270C	420 U	410 U	470 U	440 U	420 U	400 U
SVOC	2,2'-OXYBIS(1-CHLOROPROPANE)	µg/Kg	SW8270C	420 U	410 U	470 U	440 U	420 U	400 U
SVOC	2,3,4,6-TETRACHLOROPHENOL	µg/Kg	SW8270C	420 U	410 U	470 U	440 U	420 U	400 U
SVOC	2,4,5-TRICHLOROPHENOL	µg/kg	SW8270C	420 U	410 U	470 U	440 U	420 U	400 U
SVOC	2,4,6-TRICHLOROPHENOL	µg/kg	SW8270C	420 U	410 U	470 UJ	440 U	420 U	400 U
SVOC	2,4-DICHLOROPHENOL	µg/kg	SW8270C	420 U	410 U	470 UJ	440 U	420 U	400 U
SVOC	2,4-DIMETHYLPHENOL	µg/kg	SW8270C	420 U	410 U	470 U	440 U	420 U	400 U
SVOC	2,4-DINITROPHENOL	µg/Kg	SW8270C	2,100 U	2,100 U	2,400 U	2,300 U	2,100 UJ	2,000 U
SVOC	2,4-DINITROTOLUENE	µg/kg	SW8270C	420 U	410 U	470 U	440 U	420 U	400 U
SVOC	2,6-DICHLOROPHENOL	µg/Kg	SW8270C	420 U	410 U	470 U	440 U	420 U	400 U

J = Estimated value
U = Undetected
UJ = Undetected; Estimated detection limit
Bold = analyte detected

Table 2
Potential Constituents of Concern (PCOI) Soil Analytical Results
Dow Midland Representative Soils Project

			Sample ID	1139-1	1139-2	1251-1	1251-2	1438-1	1438-2
			Location ID	MidBlind_1139-1	MidBlind_1139-2	MidBlind_1251-1	MidBlind_1251-2	MidBlind_1438-1	MidBlind_1438-2
			Sample Date	10/30/2006	10/30/2006	11/13/2006	11/13/2006	11/13/2006	11/13/2006
			Sample Depth (in)	0-1	1-6	0-1	1-6	0-1	1-6
			Sample Type	Soil	Soil	Soil	Soil	Soil	Soil
Group	**Analyte**	**Units**	**Method**						
SVOC	2,6-DINITROTOLUENE	µg/Kg	SW8270C	420 U	410 U	470 U	440 U	420 U	400 U
SVOC	2-Acetylaminofluorene	µg/Kg	SW8270C	420 U	410 U	470 U	440 U	420 U	400 U
SVOC	2-CHLORONAPHTHALENE	µg/kg	SW8270C	420 U	410 U	470 U	440 U	420 U	400 U
SVOC	2-CHLOROPHENOL	µg/kg	SW8270C	420 U	410 U	470 U	440 U	420 U	400 U
SVOC	2-METHYLNAPHTHALENE	µg/kg	SW8270C	420 U	410 U	470 U	440 U	420 U	400 U
SVOC	2-METHYLPHENOL (O-CRESOL)	µg/Kg	SW8270C	420 U	410 U	470 U	440 U	420 U	400 U
SVOC	2-NAPHTHYLAMINE	µg/Kg	SW8270C	420 U	410 U	470 U	440 U	420 U	400 U
SVOC	2-NITROANILINE	µg/Kg	SW8270C	2,100 U	2,100 U	2,400 U	2,300 U	2,100 U	2,000 U
SVOC	2-NITROPHENOL	µg/kg	SW8270C	420 U	410 U	470 U	440 U	420 U	400 U
SVOC	3 & 4-METHYLPHENOL (M,P-CRESOL)	µg/Kg	SW8270C	420 U	410 U	470 U	440 U	420 U	400 U
SVOC	3,3'-DICHLOROBENZIDINE	µg/kg	SW8270C	850 U	820 U	930 U	890 U	840 U	810 U
SVOC	3,3'-DIMETHYLBENZIDINE	µg/Kg	SW8270C	420 U	410 U	470 U	440 U	420 U	400 U
SVOC	3-METHYLCHOLANTHRENE	µg/Kg	SW8270C	420 U	410 U	470 U	440 U	420 U	400 U
SVOC	3-NITROANILINE	µg/Kg	SW8270C	2,100 U	2,100 U	2,400 U	2,300 U	2,100 U	2,000 U
SVOC	4,6-DINITRO-2-METHYLPHENOL	µg/kg	SW8270C	2,100 U	2,100 U	2,400 U	2,300 U	2,100 U	2,000 U
SVOC	4-AMINOBIPHENYL	µg/Kg	SW8270C	420 U	410 U	470 U	440 U	420 U	400 U
SVOC	4-BROMOPHENYL PHENYL ETHER	µg/Kg	SW8270C	420 U	410 U	470 U	440 U	420 U	400 U
SVOC	4-CHLORO-3-METHYLPHENOL	µg/kg	SW8270C	420 U	410 U	470 U	440 U	420 U	400 U
SVOC	4-CHLOROANILINE	µg/Kg	SW8270C	420 U	410 U	470 U	440 U	420 U	400 U
SVOC	4-CHLOROPHENYL PHENYL ETHER	µg/Kg	SW8270C	420 U	410 U	470 U	440 U	420 U	400 U
SVOC	4-NITROANILINE	µg/Kg	SW8270C	2,100 U	2,100 U	2,400 U	2,300 U	2,100 U	2,000 U
SVOC	4-NITROPHENOL	µg/Kg	SW8270C	2,100 U	2,100 U	2,400 U	2,300 U	2,100 U	2,000 U
SVOC	4-NITROQUINOLINE-1-OXIDE	µg/Kg	SW8270C	420 U	410 U	470 UJ	440 UJ	420 U	400 UJ
SVOC	5-NITRO-O-TOLUIDINE	µg/Kg	SW8270C	420 U	410 U	470 U	440 U	420 U	400 U
SVOC	7,12-DIMETHYLBENZ(A)ANTHRACENE	µg/Kg	SW8270C	420 U	410 U	470 U	440 U	420 U	400 U
SVOC	ACENAPHTHENE	µg/kg	SW8270C	420 UJ	410 UJ	470 U	440 U	420 U	400 U
SVOC	ACENAPHTHYLENE	µg/kg	SW8270C	420 U	410 U	470 U	440 U	420 U	400 U
SVOC	ACETOPHENONE	µg/kg	SW8270C	420 U	410 U	470 U	440 U	420 U	400 U
SVOC	ALPHA, ALPHA DIMETHYLPHENETHYLAMINE	µg/Kg	SW8270C	420 U	410 U	470 U	440 UJ	420 U	400 UJ
SVOC	ANILINE	µg/kg	SW8270C	420 U	410 U	470 U	440 U	420 U	400 U
SVOC	ANTHRACENE	µg/kg	SW8270C	420 U	410 U	**14.0** J	440 U	420 U	400 U
SVOC	ARAMITE (TOTAL)	µg/Kg	SW8270C	420 U	410 U	470 U	440 U	420 U	400 U
SVOC	BENZO(A)ANTHRACENE	µg/kg	SW8270C	420 U	410 U	470 U	440 U	420 U	400 U
SVOC	BENZO(A)PYRENE	µg/kg	SW8270C	420 UJ	410 UJ	**120** J	440 UJ	**61.0** J	400 U
SVOC	BENZO(B)FLUORANTHENE	µg/kg	SW8270C	**56.0** J	**54.0** J	**180** J	**45.0** J	**75.0** J	**57.0** J
SVOC	BENZO(G,H,I)PERYLENE	µg/kg	SW8270C	**170** J	**160** J	**160** J	**41.0** J	**80.0** J	**69.0** J
SVOC	BENZO(K)FLUORANTHENE	µg/kg	SW8270C	420 U	410 U	**78.0** J	**13.0** J	**38.0** J	**20.0** J
SVOC	BENZYL ALCOHOL	µg/kg	SW8270C	420 U	410 U	470 U	440 U	420 U	400 U
SVOC	BENZYL BUTYL PHTHALATE	µg/kg	SW8270C	420 U	410 U	470 U	440 UJ	420 U	400 U
SVOC	BIS(2-CHLOROETHOXY) METHANE	µg/Kg	SW8270C	420 U	410 U	470 U	440 U	420 U	400 U
SVOC	BIS(2-CHLOROETHYL) ETHER	µg/kg	SW8270C	420 U	410 U	470 U	440 U	420 U	400 U
SVOC	BIS(2-ETHYLHEXYL) PHTHALATE	µg/kg	SW8270C	420 U	410 U	**49.0** J	**43.0** J	**27.0** J	**93.0** J
SVOC	CHLOROBENZILATE	µg/Kg	SW8270C	420 U	410 U	470 U	440 U	420 U	400 U
SVOC	CHRYSENE	µg/kg	SW8270C	**33.0** J	**33.0** J	**99.0** J	440 U	**17.0** J	400 U
SVOC	DI-N-BUTYL PHTHALATE	µg/kg	SW8270C	420 U	410 U	470 U	**10.0** J	420 U	400 U
SVOC	DI-N-OCTYLPHTHALATE	µg/kg	SW8270C	420 UJ	410 UJ	470 UJ	440 UJ	420 U	400 U
SVOC	DIALLATE (TOTAL OF CIS AND TRANS ISOMERS)	µg/Kg	SW8270C	420 U	410 U	470 U	440 U	420 U	400 U
SVOC	DIBENZ(A,H)ANTHRACENE	µg/kg	SW8270C	420 U	410 U	470 U	440 U	420 U	400 U
SVOC	DIBENZOFURAN	µg/kg	SW8270C	420 U	410 U	470 U	440 U	420 U	400 U
SVOC	DIETHYL PHTHALATE	µg/kg	SW8270C	420 U	410 U	470 U	440 U	420 U	400 U
SVOC	DIMETHYL PHTHALATE	µg/kg	SW8270C	420 U	410 U	470 U	440 U	420 U	400 U
SVOC	DIPHENYLAMINE	µg/Kg	SW8270C	420 U	410 U	470 U	440 U	420 U	400 U
SVOC	ETHYL METHANESULFONATE	µg/Kg	SW8270C	420 U	410 U	470 UJ	440 U	420 U	400 U
SVOC	FLUORANTHENE	µg/kg	SW8270C	420 UJ	**27.0** J	**210** J	**23.0** J	**95.0** J	**64.0** J
SVOC	FLUORENE	µg/kg	SW8270C	420 U	410 U	470 U	440 U	420 U	400 U
SVOC	HEXACHLOROBENZENE	µg/kg	SW8270C	420 U	410 U	470 U	440 U	420 U	400 U
SVOC	HEXACHLOROBUTADIENE	µg/kg	SW8270C	420 U	410 U	470 U	440 U	420 U	400 U
SVOC	HEXACHLOROCYCLOPENTADIENE	µg/Kg	SW8270C	420 U	410 U	470 U	440 U	0.0	400 U
SVOC	HEXACHLOROETHANE	µg/kg	SW8270C	420 U	410 U	470 U	440 U	420 U	400 U
SVOC	HEXACHLOROPHENE	µg/Kg	SW8270C	850 UJ	820 UJ	930 UJ	890 UJ	840 UJ	810 UJ
SVOC	HEXACHLOROPROPENE	µg/Kg	SW8270C	420 U	410 U	470 U	440 U	420 U	400 U
SVOC	INDENO(1,2,3-C,D)PYRENE	µg/kg	SW8270C	420 U	410 U	**240** J	440 U	**71.0** J	400 U
SVOC	ISODRIN	µg/Kg	SW8270C	420 U	410 U	470 U	440 U	420 U	400 U
SVOC	ISOPHORONE	µg/kg	SW8270C	420 U	410 U	470 U	440 U	420 U	400 U
SVOC	ISOSAFROLE	µg/Kg	SW8270C	420 U	410 U	470 U	440 U	420 U	400 U
SVOC	METHAPYRILENE	µg/Kg	SW8270C	420 U	410 U	470 U	440 U	420 U	400 U
SVOC	METHYL METHANESULFONATE	µg/Kg	SW8270C	420 U	410 U	470 U	440 U	420 U	400 U
SVOC	N-NITROSO-DI-N-BUTYLAMINE	µg/Kg	SW8270C	420 U	410 U	470 U	440 U	420 U	400 U
SVOC	N-NITROSODI-N-PROPYLAMINE	µg/kg	SW8270C	420 U	410 U	470 U	440 U	420 U	400 U
SVOC	N-NITROSODIETHYLAMINE	µg/Kg	SW8270C	420 U	410 U	470 UJ	440 UJ	420 U	400 U
SVOC	N-NITROSODIMETHYLAMINE	µg/Kg	SW8270C	420 UJ	410 UJ	470 U	440 U	420 U	400 UJ

J = Estimated value
U = Undetected
UJ = Undetected; Estimated detection limit
Bold = analyte detected

Table 2
Potential Constituents of Concern (PCOI) Soil Analytical Results
Dow Midland Representative Soils Project

			Sample ID	1139-1	1139-2	1251-1	1251-2	1438-1	1438-2
			Location ID	MidBlind_1139-1	MidBlind_1139-2	MidBlind_1251-1	MidBlind_1251-2	MidBlind_1438-1	MidBlind_1438-2
			Sample Date	10/30/2006	10/30/2006	11/13/2006	11/13/2006	11/13/2006	11/13/2006
			Sample Depth (in)	0-1	1-6	0-1	1-6	0-1	1-6
			Sample Type	Soil	Soil	Soil	Soil	Soil	Soil
Group	**Analyte**	**Units**	**Method**						
SVOC	N-NITROSODIPHENYLAMINE	µg/kg	SW8270C	420 U	410 U	470 U	440 U	420 U	400 U
SVOC	N-NITROSOMETHYLETHYLAMINE	µg/Kg	SW8270C	420 U	410 U	470 U	440 U	420 U	400 U
SVOC	N-NITROSOMORPHOLINE	µg/Kg	SW8270C	420 U	410 U	470 U	440 U	420 U	400 U
SVOC	N-NITROSOPIPERIDINE	µg/Kg	SW8270C	420 U	410 U	470 U	440 U	420 U	400 U
SVOC	N-NITROSOPYRROLIDINE	µg/Kg	SW8270C	420 U	410 U	470 U	440 U	420 U	400 U
SVOC	NAPHTHALENE	µg/kg	SW8270C	420 U	410 U	470 U	440 U	420 U	400 U
SVOC	NITROBENZENE	µg/kg	SW8270C	420 U	410 U	470 U	440 U	420 U	400 U
SVOC	O-TOLUIDINE	µg/Kg	SW8270C	420 U	410 U	470 U	440 U	420 U	400 U
SVOC	P-DIMETHYLAMINOAZOBENZENE	µg/Kg	SW8270C	420 U	410 U	470 U	440 U	420 U	400 U
SVOC	P-PHENYLENEDIAMINE	µg/Kg	SW8270C	420 U	410 U	470 UJ	440 UJ	420 UJ	400 UJ
SVOC	PENTACHLOROBENZENE	µg/kg	SW8270C	420 U	410 U	470 U	440 U	420 U	400 U
SVOC	PENTACHLORONITROBENZENE	µg/kg	SW8270C	420 U	410 U	470 U	440 U	420 U	400 U
SVOC	PENTACHLOROPHENOL	µg/kg	SW8270C	1,000 UJ	990 UJ	1,100 UJ	1,100 U	1,000 UJ	980 UJ
SVOC	PHENACETIN	µg/Kg	SW8270C	420 U	410 U	470 U	440 U	420 U	400 U
SVOC	PHENANTHRENE	µg/kg	SW8270C	**9.6** J	**9.9** J	**87.0** J	**17.0** J	**37.0** J	**32.0** J
SVOC	PHENOL	µg/kg	SW8270C	420 UJ	410 UJ	470 U	440 U	420 U	400 U
SVOC	PRONAMIDE	µg/Kg	SW8270C	420 U	410 U	470 U	440 U	420 U	400 U
SVOC	PYRENE	µg/kg	SW8270C	420 U	410 U	**140** J	**36.0** J	**110** J	**58.0** J
SVOC	PYRIDINE	µg/kg	SW8270C	420 UJ	410 UJ	470 U	440 U	420 U	400 U
SVOC	SAFROLE	µg/Kg	SW8270C	420 U	410 U	470 U	440 U	420 U	400 U
SVOC	SYM-TRINITROBENZENE	µg/Kg	SW8270C	420 U	410 U	470 U	440 U	420 U	400 U
VOC	1,1,1,2-TETRACHLOROETHANE	µg/kg	SW8260B	58.0 U	57.0 U	140 U	310 U	57.0 U	52.0 U
VOC	1,1,1-TRICHLOROETHANE	µg/kg	SW8260B	58.0 U	57.0 U	140 U	310 U	57.0 U	52.0 U
VOC	1,1,2,2-TETRACHLOROETHANE	µg/kg	SW8260B	58.0 U	57.0 U	140 U	310 U	57.0 U	52.0 U
VOC	1,1,2-TRICHLOROETHANE	µg/kg	SW8260B	58.0 U	57.0 U	140 U	310 U	57.0 U	52.0 U
VOC	1,1-DICHLOROETHANE	µg/kg	SW8260B	58.0 U	57.0 U	140 U	310 U	57.0 U	52.0 U
VOC	1,1-DICHLOROETHENE	µg/kg	SW8260B	58.0 U	57.0 U	140 U	310 U	57.0 U	52.0 U
VOC	1,2,3-TRICHLOROPROPANE	µg/kg	SW8260B	58.0 U	57.0 U	140 U	310 U	57.0 U	52.0 U
VOC	1,2-DIBROMOETHANE (EDB)	µg/kg	SW8260B	58.0 U	57.0 U	140 U	310 U	57.0 U	52.0 U
VOC	1,2-DICHLOROBENZENE	µg/kg	SW8270C	420 U	410 U	470 U	440 U	420 U	400 U
VOC	1,2-DICHLOROETHANE	µg/kg	SW8260B	58.0 U	57.0 U	140 U	310 U	57.0 U	52.0 U
VOC	1,2-DICHLOROPROPANE	µg/kg	SW8260B	58.0 UJ	57.0 UJ	140 U	310 U	57.0 U	52.0 U
VOC	1,3-DICHLOROBENZENE	µg/kg	SW8270C	420 U	410 U	470 U	440 U	420 U	400 U
VOC	1,4-DICHLOROBENZENE	µg/kg	SW8270C	420 UJ	410 UJ	470 U	440 U	420 U	400 U
VOC	2-HEXANONE	µg/kg	SW8260B	58.0 U	57.0 U	140 U	310 U	57.0 U	52.0 U
VOC	ACETONE	µg/kg	SW8260B	140 UJ	**130** J	2,700 UJ	**1,900** J	1,100 UJ	1,000 UJ
VOC	ACETONITRILE	µg/kg	SW8260B	1,200 UJ	1,200 UJ	2,700 UJ	6,200 UJ	1,100 UJ	1,000 UJ
VOC	ACROLEIN	µg/kg	SW8260B	580 UJ	570 UJ	1,400 UJ	3,100 UJ	570 U	520 U
VOC	ACRYLONITRILE	µg/kg	SW8260B	580 U	570 U	1,400 U	3,100 U	570 U	520 U
VOC	ALLYL CHLORIDE (3-CHLOROPROPENE)	µg/Kg	SW8260B	120 U	120 U	270 U	620 U	110 U	100 U
VOC	BENZENE	µg/kg	SW8260B	58.0 U	57.0 U	140 U	310 U	57.0 U	52.0 U
VOC	BROMODICHLOROMETHANE	µg/kg	SW8260B	58.0 U	57.0 U	140 U	310 U	57.0 U	52.0 U
VOC	BROMOFORM	µg/kg	SW8260B	58.0 U	57.0 U	140 U	310 U	57.0 U	52.0 U
VOC	BROMOMETHANE	µg/kg	SW8260B	120 U	120 U	270 U	620 U	110 U	100 U
VOC	CARBON DISULFIDE	µg/kg	SW8260B	58.0 U	57.0 U	140 U	310 U	57.0 U	52.0 U
VOC	CARBON TETRACHLORIDE	µg/kg	SW8260B	58.0 U	57.0 U	140 U	310 U	57.0 U	52.0 U
VOC	CHLOROBENZENE	µg/kg	SW8260B	58.0 U	57.0 U	140 U	310 U	57.0 U	52.0 U
VOC	CHLOROETHANE	µg/kg	SW8260B	58.0 U	57.0 U	140 UJ	310 UJ	57.0 UJ	52.0 UJ
VOC	CHLOROFORM	µg/kg	SW8260B	58.0 U	57.0 U	140 U	310 U	57.0 U	52.0 U
VOC	CHLOROMETHANE	µg/kg	SW8260B	58.0 UJ	57.0 UJ	140 U	310 U	57.0 U	52.0 U
VOC	CHLOROPRENE (2-CHLORO-1,3-BUTADIENE)	µg/Kg	SW8260B	580 U	570 U	1,400 U	3,100 U	570 U	520 U
VOC	CIS-1,3-DICHLOROPROPENE	µg/Kg	SW8260B	58.0 U	57.0 U	140 U	310 U	57.0 U	52.0 U
VOC	DIBROMOCHLOROMETHANE	µg/kg	SW8260B	58.0 U	57.0 U	140 U	310 U	57.0 U	52.0 U
VOC	DIBROMOMETHANE	µg/kg	SW8260B	58.0 U	57.0 U	140 U	310 U	57.0 U	52.0 U
VOC	DICHLORODIFLUOROMETHANE	µg/kg	SW8260B	58.0 U	57.0 U	140 U	310 U	57.0 UJ	52.0 UJ
VOC	ETHYL BENZENE	µg/kg	SW8260B	58.0 UJ	57.0 UJ	140 U	310 U	57.0 U	52.0 U
VOC	ETHYL METHACRYLATE	µg/Kg	SW8260B	120 U	120 U	270 U	620 U	110 U	100 U
VOC	ISOBUTANOL	µg/kg	SW8260B	5,800 UJ	5,700 UJ	14,000 UJ	31,000 UJ	5,700 UJ	5,200 UJ
VOC	METHYL ETHYL KETONE (2-BUTANONE)	µg/kg	SW8260B	290 U	290 U	680 U	1,500 U	280 U	260 U
VOC	METHYL IODIDE (IODOMETHANE)	µg/Kg	SW8260B	58.0 UJ	57.0 UJ	140 U	310 U	57.0 U	52.0 U
VOC	METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	µg/kg	SW8260B	120 U	120 U	270 U	620 U	110 U	100 U
VOC	METHYL METHACRYLATE	µg/Kg	SW8260B	120 U	290 U	270 U	620 U	110 U	100 U
VOC	METHYLACRYLONITRILE	µg/Kg	SW8260B	290 U	290 U	680 U	1,500 U	280 U	260 UJ
VOC	METHYLENE CHLORIDE	µg/kg	SW8260B	290 U	290 U	680 U	1,500 U	280 U	260 U
VOC	PENTOCHLORETHANE	µg/Kg	SW8270C	420 U	410 U	470 U	440 U	420 U	400 U
VOC	PROPIONITRILE, ETHYL CYANIDE	µg/Kg	SW8260B	1,200 UJ	1,200 UJ	2,700 UJ	6,200 UJ	1,100 UJ	1,000 UJ
VOC	STYRENE	µg/kg	SW8260B	58.0 U	57.0 U	140 U	310 U	57.0 U	52.0 U
VOC	TETRACHLOROETHENE (PCE)	µg/kg	SW8260B	58.0 U	57.0 U	140 U	310 U	57.0 U	52.0 U
VOC	TOLUENE	µg/kg	SW8260B	58.0 UJ	57.0 UJ	**5,900**	**5,600**	57.0 U	52.0 U
VOC	TRANS-1,2-DICHLOROETHENE	µg/kg	SW8260B	58.0 U	57.0 U	140 U	310 U	57.0 U	52.0 U
VOC	TRANS-1,3-DICHLOROPROPENE	µg/Kg	SW8260B	58.0 U	57.0 U	140 U	310 U	57.0 U	52.0 U
VOC	TRANS-1,4-DICHLORO-2-BUTENE	µg/Kg	SW8260B	58.0 U	57.0 U	140 U	310 U	57.0 U	52.0 U
VOC	TRICHLOROETHENE (TCE)	µg/kg	SW8260B	58.0 U	57.0 U	140 U	310 U	57.0 U	52.0 U
VOC	TRICHLOROFLUOROMETHANE	µg/kg	SW8260B	58.0 U	57.0 U	140 U	310 U	57.0 U	52.0 U
VOC	VINYL ACETATE	µg/kg	SW8260B	58.0 U	57.0 U	140 U	310 U	57.0 U	52.0 U
VOC	VINYL CHLORIDE	µg/kg	SW8260B	58.0 U	57.0 U	140 U	310 U	57.0 U	52.0 U
VOC	XYLENES, TOTAL	µg/kg	SW8260B	170 U	170 U	410 U	930 U	170 U	160 U

J = Estimated value
U = Undetected
UJ = Undetected; Estimated detection limit
Bold = analyte detected

Table 2
Potential Constituents of Concern (PCOI) Soil Analytical Results
Dow Midland Representative Soils Project

			1517-1-C	1517-1	1517-2-C	1517-2	1582-1-D	1582-1	1582-2
			MidBlind_1517-1-C	MidBlind_1517-1	MidBlind_1517-2-C	MidBlind_1517-2	MidBlind_1582-1-D	MidBlind_1582-1	MidBlind_1582-2
			11/13/2006	11/13/2006	11/13/2006	11/13/2006	10/30/2006	10/30/2006	10/30/2006
		Sam	0-1	0-1	1-6	1-6	0-1	0-1	1-6
			Soil	Soil	Soil	Soil	SOIL	Soil	Soil
Group	**Analyte**	**Units**							
GEN	CYANIDE, TOTAL	µg/kg	**26.0** J	**59.0** J	**50.0** J	**80.0** J	**170**	**200**	**860**
GEN	SULFIDE	mg/Kg	**110**	110 U	100 U	110 U	97.0 U	98.0 U	94.0 U
GEN	TOTAL ORGANIC CARBON	mg/kg	**29,000**	**36,000**	**20,000**	**43,000**	**31,000**	**29,000**	**24,000**
HERB	2,4,5-T (TRICHLOROPHENOXYACETIC ACID)	µg/Kg	22.0 U	22.0 U	21.0 U	**24.0**	20.0 U	20.0 U	20.0 U
HERB	2,4-D (DICHLOROPHENOXYACETIC ACID)	µg/kg	22.0 U	22.0 U	21.0 U	**46.0** J	20.0 U	20.0 UJ	20.0 U
HERB	DINOSEB	µg/kg	440 U	430 U	410 U	440 U	400 U	400 U	390 U
HERB	SILVEX (2,4,5-TP)	µg/kg	22.0 U	22.0 U	21.0 U	23.0 U	20.0 U	20.0 U	20.0 U
MET	ANTIMONY	µg/kg	1,200 U	1,000 U	1,500 U	**1,900** J	**400** J	**480** J	**340** J
MET	ARSENIC	µg/kg	**4,200**	**6,000**	**4,100**	**6,600**	**480** J	**770** J	**1,000** J
MET	BARIUM	µg/kg	**35,000**	**39,000**	**37,000**	**40,000**	**22,000**	**24,000**	**21,000**
MET	BERYLLIUM	µg/kg	**280**	**330**	**270**	**340**	**160** J	**170** J	**160** J
MET	CADMIUM	µg/kg	280 U	430 U	230 U	450 U	**97.0** J	**120** J	**110** J
MET	CHROMIUM, TOTAL	µg/kg	**5,700**	**7,500**	**6,100**	**7,600**	**5,000**	**5,400**	**4,800**
MET	COBALT	µg/kg	**2,100**	**2,300**	**2,300**	**2,700**	**2,000**	**2,000**	**2,000**
MET	COPPER	µg/kg	**11,000**	**15,000**	**10,000**	**17,000**	**7,900**	**8,300**	**7,700**
MET	LEAD	µg/kg	**11,000**	**21,000**	**12,000**	**28,000**	**7,900**	**8,300**	**7,700**
MET	MERCURY	µg/kg	**42.0**	**56.0**	**34.0**	**65.0**	**51.0**	**51.0**	**49.0**
MET	NICKEL	µg/kg	**6,400**	**7,500**	**6,700**	**8,000**	**6,000**	**6,200**	**5,400**
MET	SELENIUM	µg/kg	560 U	550 U	530 U	560 U	510 U	510 U	500 U
MET	SILVER	µg/kg	62.0 U	62.0 U	59.0 U	63.0 U	57.0 U	57.0 U	55.0 U
MET	THALLIUM	µg/kg	220 U	220 U	210 U	230 U	210 U	210 U	200 U
MET	TIN	mg/kg	0.59 U	0.59 U	0.56 U	0.6 U	0.55 U	0.54 U	0.53 U
MET	VANADIUM	µg/kg	**12,000**	**13,000**	**13,000**	**14,000**	**8,900**	**9,400**	**9,100**
MET	ZINC	µg/kg	23,000 U	40,000 U	24,000 U	45,000 U	**21,000**	**21,000**	**18,000**
PCB	PCB-1016 (AROCLOR 1016)	µg/Kg	43.0 U	43.0 U	41.0 U	43.0 U	40.0 U	40.0 U	39.0 U
PCB	PCB-1221 (AROCLOR 1221)	µg/Kg	43.0 U	43.0 U	41.0 U	43.0 U	40.0 U	40.0 U	39.0 U
PCB	PCB-1232 (AROCLOR 1232)	µg/Kg	43.0 U	43.0 U	41.0 U	43.0 U	40.0 U	40.0 U	39.0 U
PCB	PCB-1242 (AROCLOR 1242)	µg/Kg	43.0 U	43.0 U	41.0 U	43.0 U	40.0 U	40.0 U	39.0 U
PCB	PCB-1248 (AROCLOR 1248)	µg/Kg	43.0 U	43.0 U	41.0 U	43.0 U	40.0 U	40.0 U	39.0 U
PCB	PCB-1254 (AROCLOR 1254)	µg/Kg	43.0 U	43.0 U	41.0 U	43.0 U	40.0 U	40.0 U	39.0 U
PCB	PCB-1260 (AROCLOR 1260)	µg/Kg	43.0 U	43.0 U	41.0 U	43.0 U	40.0 U	40.0 U	39.0 U
PCB	PCB-1262 (AROCLOR 1262)	µg/Kg	43.0 U	43.0 U	41.0 U	43.0 U	40.0 U	40.0 U	39.0 U
PCB	PCB-1268 (AROCLOR 1268)	µg/Kg	43.0 U	43.0 U	41.0 U	43.0 U	40.0 U	40.0 U	39.0 U
PCB	SUMMED PCB	µg/Kg	**190**	**190**	**180**	**200**	**180**	**180**	**170**
PEST	1,2-DIBROMO-3-CHLOROPROPANE	µg/kg	66.0 U	74.0 U	64.0 U	63.0 U	68.0 U	71.0 U	55.0 U
PEST	4,4'-DDD	µg/kg	**1.7** J	26.0 U	**1.2** J	26.0 U	24.0 U	24.0 U	**1.7** J
PEST	4,4'-DDE	µg/kg	**4.6** J	**5.5** J	**4.0** J	**7.5** J	**5.7** J	**5.0** J	24.0 U
PEST	4,4'-DDT	µg/kg	**2.8** J	**4.8** J	**2.8** J	**5.4** J	**4.4** J	24.0 U	**7.7** J
PEST	ALDRIN	µg/kg	26.0 U	26.0 U	25.0 U	26.0 U	24.0 U	24.0 U	24.0 U
PEST	ALPHA BHC	µg/kg	26.0 U	26.0 U	25.0 U	26.0 U	24.0 U	24.0 U	24.0 U
PEST	BETA BHC	µg/kg	26.0 U	26.0 U	25.0 U	26.0 U	24.0 U	24.0 U	**1.6** J
PEST	CHLORDANE	µg/kg	33.0 U	33.0 U	31.0 U	33.0 U	30.0 U	30.0 U	29.0 U
PEST	DELTA BHC	µg/Kg	26.0 U	26.0 U	25.0 U	26.0 U	24.0 U	24.0 U	24.0 U
PEST	DIELDRIN	µg/kg	26.0 U	26.0 U	25.0 U	26.0 U	24.0 U	24.0 U	24.0 U
PEST	DIMETHOATE	µg/Kg	870 U	860 U	820 U	870 U	800 U	800 U	780 U
PEST	DISULFOTON	µg/Kg	870 U	860 U	820 U	870 U	800 U	800 U	780 U
PEST	ENDOSULFAN I	µg/Kg	26.0 U	26.0 U	25.0 U	26.0 U	24.0 U	**0.86** J	24.0 U
PEST	ENDOSULFAN II	µg/Kg	26.0 U	26.0 U	25.0 U	26.0 U	24.0 U	24.0 U	**6.8** J
PEST	ENDOSULFAN SULFATE	µg/Kg	26.0 U	26.0 U	25.0 U	26.0 U	24.0 U	24.0 U	24.0 U
PEST	ENDRIN	µg/kg	26.0 U	26.0 U	25.0 U	26.0 U	24.0 U	24.0 U	24.0 U
PEST	ENDRIN ALDEHYDE	µg/Kg	26.0 U	26.0 U	25.0 U	26.0 U	24.0 U	24.0 U	24.0 U
PEST	FAMPHUR	µg/Kg	870 UJ	860 UJ	820 UJ	870 UJ	800 UJ	800 UJ	780 UJ
PEST	GAMMA BHC (LINDANE)	µg/kg	26.0 U	26.0 U	25.0 U	26.0 U	24.0 U	24.0 U	24.0 U
PEST	HEPTACHLOR	µg/kg	26.0 U	26.0 U	25.0 U	26.0 U	24.0 U	24.0 U	24.0 U
PEST	HEPTACHLOR EPOXIDE	µg/kg	26.0 U	26.0 U	25.0 U	26.0 U	**1.1** J	24.0 U	24.0 U
PEST	KEPONE	µg/Kg	2,200 U	2,200 U	2,100 U	2,200 U	2,000 U	2,000 U	2,000 U
PEST	METHOXYCHLOR	µg/kg	66.0 U	66.0 U	62.0 U	66.0 U	61.0 U	60.0 U	59.0 U
PEST	O,O,O-TRIETHYL PHOSPHOROTHIOATE	µg/Kg	440 U	430 U	410 U	440 U	400 U	400 U	390 U
PEST	O,O-DIETHYL O-2-PYRAZINYL PHOSPHOROTHIOATE (THIONAZIN)	µg/Kg	440 U	430 U	410 U	440 U	400 U	400 U	390 U
PEST	PARATHION, ETHYL (PARATHION)	µg/Kg	440 U	430 U	410 U	440 U	400 U	400 U	390 U
PEST	PARATHION, METHYL	µg/kg	870 U	860 U	820 U	870 U	800 U	800 U	780 U
PEST	PHORATE	µg/Kg	870 UJ	860 U	820 UJ	870 UJ	800 U	800 U	780 U
PEST	TETRAETHYL DITHIOPYROPHOSPHATE (SULFOTEPP)	µg/Kg	870 U	860 U	820 U	870 U	800 U	800 U	780 U
PEST	TOXAPHENE	µg/kg	220 U	220 U	210 U	220 U	210 U	210 U	200 U
SVOC	1,2,4,5-TETRACHLOROBENZENE	µg/kg	440 U	430 U	410 U	440 U	400 U	400 U	390 U
SVOC	1,3-DINITROBENZENE	µg/Kg	440 U	430 U	410 U	440 U	400 U	400 U	390 U
SVOC	1,4-DIOXANE	µg/kg	440 UJ	430 U	410 UJ	440 UJ	400 U	400 U	390 U
SVOC	1,4-NAPHTHOQUINONE	µg/Kg	870 U	860 U	820 U	870 U	800 U	800 U	780 U
SVOC	1-NAPHTHYLAMINE	µg/Kg	440 U	430 U	410 U	440 U	400 U	400 U	390 U
SVOC	2,2'-OXYBIS(1-CHLOROPROPANE)	µg/Kg	440 U	430 U	410 U	440 U	400 U	400 U	390 U
SVOC	2,3,4,6-TETRACHLOROPHENOL	µg/Kg	440 U	430 U	410 U	440 U	400 U	400 U	390 U
SVOC	2,4,5-TRICHLOROPHENOL	µg/kg	440 U	430 U	410 U	440 U	400 U	400 U	390 U
SVOC	2,4,6-TRICHLOROPHENOL	µg/kg	440 U	430 UJ	410 U	440 U	400 U	400 U	390 U
SVOC	2,4-DICHLOROPHENOL	µg/kg	440 U	430 UJ	410 U	440 U	400 U	400 U	390 U
SVOC	2,4-DIMETHYLPHENOL	µg/kg	440 U	430 U	410 U	440 U	400 U	400 U	390 U
SVOC	2,4-DINITROPHENOL	µg/Kg	2,200 U	2,200 U	2,100 U	2,200 U	2,000 U	2,000 U	2,000 U
SVOC	2,4-DINITROTOLUENE	µg/kg	440 U	430 U	410 U	440 U	400 U	400 U	390 U
SVOC	2,6-DICHLOROPHENOL	µg/Kg	440 U	430 U	410 U	440 U	400 U	400 U	390 U

J = Estimated value
U = Undetected
UJ = Undetected; Estimated detection limit
Bold = analyte detected

Table 2
Potential Constituents of Concern (PCOI) Soil Analytical Results
Dow Midland Representative Soils Project

			1517-1-C	1517-1	1517-2-C	1517-2	1582-1-D	1582-1	1582-2
			MidBlind_1517-1-C	MidBlind_1517-1	MidBlind_1517-2-C	MidBlind_1517-2	MidBlind_1582-1-D	MidBlind_1582-1	MidBlind_1582-2
			11/13/2006	11/13/2006	11/13/2006	11/13/2006	10/30/2006	10/30/2006	10/30/2006
		Sam	0-1	0-1	1-6	1-6	0-1	0-1	1-6
			Soil	Soil	Soil	Soil	SOIL	Soil	Soil
Group	**Analyte**	**Units**							
SVOC	2,6-DINITROTOLUENE	µg/Kg	440 U	430 U	410 U	440 U	400 U	400 U	390 U
SVOC	2-Acetylaminofluorene	µg/Kg	440 U	430 U	410 U	440 U	400 U	400 U	390 U
SVOC	2-CHLORONAPHTHALENE	µg/kg	440 U	430 U	410 U	440 U	400 U	400 U	390 U
SVOC	2-CHLOROPHENOL	µg/kg	440 U	430 U	410 U	440 U	400 U	400 U	390 U
SVOC	2-METHYLNAPHTHALENE	µg/kg	440 U	430 U	410 U	**12.0** J	400 U	400 U	390 U
SVOC	2-METHYLPHENOL (O-CRESOL)	µg/Kg	440 U	430 U	410 U	440 U	400 U	400 U	390 U
SVOC	2-NAPHTHYLAMINE	µg/Kg	440 U	430 U	410 U	440 U	400 U	400 U	390 U
SVOC	2-NITROANILINE	µg/Kg	2,200 U	2,200 U	2,100 U	2,200 U	2,000 U	2,000 U	2,000 U
SVOC	2-NITROPHENOL	µg/kg	440 U	430 U	410 U	440 U	400 U	400 U	390 U
SVOC	3 & 4-METHYLPHENOL (M,P-CRESOL)	µg/Kg	440 U	430 U	410 U	440 U	400 U	400 U	390 U
SVOC	3,3'-DICHLOROBENZIDINE	µg/kg	870 U	860 U	820 U	870 U	800 U	800 U	780 U
SVOC	3,3'-DIMETHYLBENZIDINE	µg/Kg	440 U	430 U	410 U	440 U	400 U	400 U	390 U
SVOC	3-METHYLCHOLANTHRENE	µg/Kg	440 U	430 U	410 U	440 U	400 U	400 U	390 U
SVOC	3-NITROANILINE	µg/Kg	2,200 U	2,200 U	2,100 U	2,200 U	2,000 U	2,000 U	2,000 U
SVOC	4,6-DINITRO-2-METHYLPHENOL	µg/kg	2,200 U	2,200 U	2,100 U	2,200 U	2,000 U	2,000 U	2,000 U
SVOC	4-AMINOBIPHENYL	µg/Kg	440 U	430 U	410 U	440 U	400 U	400 U	390 U
SVOC	4-BROMOPHENYL PHENYL ETHER	µg/Kg	440 U	430 U	410 U	440 U	400 U	400 U	390 U
SVOC	4-CHLORO-3-METHYLPHENOL	µg/kg	440 U	430 U	410 U	440 U	400 U	400 U	390 U
SVOC	4-CHLOROANILINE	µg/Kg	440 U	430 U	410 U	440 U	400 U	400 U	390 U
SVOC	4-CHLOROPHENYL PHENYL ETHER	µg/Kg	440 U	430 U	410 U	440 U	400 U	400 U	390 U
SVOC	4-NITROANILINE	µg/Kg	2,200 U	2,200 U	2,100 U	2,200 U	2,000 U	2,000 U	2,000 U
SVOC	4-NITROPHENOL	µg/Kg	2,200 U	2,200 U	2,100 U	2,200 U	2,000 U	2,000 U	2,000 U
SVOC	4-NITROQUINOLINE-1-OXIDE	µg/Kg	440 U	430 UJ	410 U	440 U	400 U	400 U	390 U
SVOC	5-NITRO-O-TOLUIDINE	µg/Kg	440 U	430 U	410 U	440 U	400 U	400 U	390 U
SVOC	7,12-DIMETHYLBENZ(A)ANTHRACENE	µg/Kg	440 U	430 U	410 U	440 U	400 U	400 U	390 U
SVOC	ACENAPHTHENE	µg/kg	440 U	430 U	410 U	440 U	400 UJ	400 UJ	390 UJ
SVOC	ACENAPHTHYLENE	µg/kg	440 U	430 U	410 U	440 U	400 U	400 U	390 U
SVOC	ACETOPHENONE	µg/kg	440 U	430 U	410 U	440 U	400 U	400 U	390 U
SVOC	ALPHA, ALPHA DIMETHYLPHENETHYLAMINE	µg/Kg	440 U	430 U	410 U	440 U	400 U	400 U	390 U
SVOC	ANILINE	µg/kg	440 U	430 U	410 U	440 U	400 U	400 U	390 U
SVOC	ANTHRACENE	µg/kg	440 U	**15.0** J	410 U	**15.0** J	400 U	400 U	**8.9** J
SVOC	ARAMITE (TOTAL)	µg/Kg	440 U	430 U	410 U	440 U	400 U	400 U	390 U
SVOC	BENZO(A)ANTHRACENE	µg/kg	440 U	**73.0** J	410 U	440 U	400 U	400 U	390 U
SVOC	BENZO(A)PYRENE	µg/kg	**40.0** J	**82.0** J	**26.0** J	**73.0** J	400 UJ	400 UJ	**37.0** J
SVOC	BENZO(B)FLUORANTHENE	µg/kg	**59.0** J	**130** J	**57.0** J	**90.0** J	**80.0** J	**92.0** J	**86.0** J
SVOC	BENZO(G,H,I)PERYLENE	µg/kg	**63.0** J	**100.0** J	**52.0** J	**100** J	**170** J	400 U	**160** J
SVOC	BENZO(K)FLUORANTHENE	µg/kg	**27.0** J	**66.0** J	**14.0** J	**47.0** J	**62.0** J	**63.0** J	**54.0** J
SVOC	BENZYL ALCOHOL	µg/kg	440 U	430 U	410 U	440 U	400 U	400 U	390 U
SVOC	BENZYL BUTYL PHTHALATE	µg/kg	440 U	430 U	410 U	440 U	400 U	400 U	390 U
SVOC	BIS(2-CHLOROETHOXY) METHANE	µg/kg	440 U	430 U	410 U	440 U	400 U	400 U	390 U
SVOC	BIS(2-CHLOROETHYL) ETHER	µg/kg	440 U	430 U	410 U	440 U	400 U	400 U	390 U
SVOC	BIS(2-ETHYLHEXYL) PHTHALATE	µg/kg	440 U	**69.0** J	**23.0** J	**66.0** J	**33.0** J	**31.0** J	**28.0** J
SVOC	CHLOROBENZILATE	µg/Kg	440 U	430 U	410 U	440 U	400 U	400 U	390 U
SVOC	CHRYSENE	µg/kg	440 U	**64.0** J	410 U	**31.0** J	**57.0** J	**61.0** J	**64.0** J
SVOC	DI-N-BUTYL PHTHALATE	µg/kg	440 U	430 U	410 U	**9.8** J	400 U	400 U	390 U
SVOC	DI-N-OCTYLPHTHALATE	µg/kg	440 UJ	430 UJ	410 UJ	440 UJ	400 U	400 U	390 U
SVOC	DIALLATE (TOTAL OF CIS AND TRANS ISOMERS)	µg/Kg	440 UJ	430 U	410 UJ	440 UJ	400 U	400 U	390 U
SVOC	DIBENZ(A,H)ANTHRACENE	µg/kg	440 U	430 U	410 U	440 U	400 U	400 U	390 U
SVOC	DIBENZOFURAN	µg/kg	440 U	430 U	410 U	440 U	400 U	400 U	390 U
SVOC	DIETHYL PHTHALATE	µg/kg	440 U	430 U	410 U	440 U	400 U	400 U	390 U
SVOC	DIMETHYL PHTHALATE	µg/kg	440 U	430 U	410 U	440 U	400 U	400 U	390 U
SVOC	DIPHENYLAMINE	µg/Kg	440 U	430 U	410 U	440 U	400 U	400 U	390 U
SVOC	ETHYL METHANESULFONATE	µg/Kg	440 UJ	430 UJ	410 UJ	440 UJ	400 U	400 U	390 U
SVOC	FLUORANTHENE	µg/kg	**62.0** J	**130** J	410 U	**110** J	**63.0** J	**76.0** J	**85.0** J
SVOC	FLUORENE	µg/kg	440 U	430 U	410 U	440 U	400 U	400 U	390 U
SVOC	HEXACHLOROBENZENE	µg/kg	440 U	430 U	410 U	440 U	400 U	400 U	390 U
SVOC	HEXACHLOROBUTADIENE	µg/kg	440 U	430 U	410 U	440 U	400 U	400 U	390 U
SVOC	HEXACHLOROCYCLOPENTADIENE	µg/kg	440 U	430 U	410 U	440 U	400 U	400 U	390 U
SVOC	HEXACHLOROETHANE	µg/kg	440 U	430 U	410 U	440 U	400 U	400 U	390 U
SVOC	HEXACHLOROPHENE	µg/Kg	870 UJ	860 UJ	820 UJ	870 UJ	800 UJ	800 UJ	780 UJ
SVOC	HEXACHLOROPROPENE	µg/Kg	440 U	430 U	410 U	440 U	400 U	400 U	390 U
SVOC	INDENO(1,2,3-C,D)PYRENE	µg/kg	440 U	**110** J	410 U	**62.0** J	**29.0** J	**43.0** J	**46.0** J
SVOC	ISODRIN	µg/Kg	440 U	430 U	410 U	440 U	400 U	400 U	390 U
SVOC	ISOPHORONE	µg/kg	440 U	430 U	410 U	440 U	400 U	400 U	390 U
SVOC	ISOSAFROLE	µg/Kg	440 U	430 U	410 U	440 U	400 U	400 U	390 U
SVOC	METHAPYRILENE	µg/Kg	440 U	430 U	410 U	440 U	400 U	400 U	390 U
SVOC	METHYL METHANESULFONATE	µg/Kg	440 U	430 U	410 U	440 U	400 U	400 U	390 U
SVOC	N-NITROSO-DI-N-BUTYLAMINE	µg/Kg	440 U	430 U	410 U	440 U	400 U	400 U	390 U
SVOC	N-NITROSODI-N-PROPYLAMINE	µg/kg	440 U	430 U	410 U	440 U	400 U	400 U	390 U
SVOC	N-NITROSODIETHYLAMINE	µg/Kg	440 UJ	430 UJ	410 UJ	440 UJ	400 U	400 U	390 U
SVOC	N-NITROSODIMETHYLAMINE	µg/Kg	440 U	430 U	410 UJ	440 U	400 UJ	400 UJ	390 UJ

J = Estimated value
U = Undetected
UJ = Undetected; Estimated detection limit
Bold = analyte detected

Table 2
Potential Constituents of Concern (PCOI) Soil Analytical Results
Dow Midland Representative Soils Project

			1517-1-C	1517-1	1517-2-C	1517-2	1582-1-D	1582-1	1582-2
			MidBlind_1517-1-C	MidBlind_1517-1	MidBlind_1517-2-C	MidBlind_1517-2	MidBlind_1582-1-D	MidBlind_1582-1	MidBlind_1582-2
			11/13/2006	11/13/2006	11/13/2006	11/13/2006	10/30/2006	10/30/2006	10/30/2006
		Sam	0-1	0-1	1-6	1-6	0-1	0-1	1-6
			Soil	Soil	Soil	Soil	SOIL	Soil	Soil
Group	**Analyte**	**Units**							
SVOC	N-NITROSODIPHENYLAMINE	µg/kg	440 U	430 U	410 U	440 U	400 U	400 U	390 U
SVOC	N-NITROSOMETHYLETHYLAMINE	µg/Kg	440 U	430 U	410 U	440 U	400 U	400 U	390 U
SVOC	N-NITROSOMORPHOLINE	µg/Kg	440 U	430 U	410 U	440 U	400 U	400 U	390 U
SVOC	N-NITROSOPIPERIDINE	µg/Kg	440 U	430 U	410 U	440 U	400 U	400 U	390 U
SVOC	N-NITROSOPYRROLIDINE	µg/Kg	440 U	430 U	410 U	440 U	400 U	400 U	390 U
SVOC	NAPHTHALENE	µg/kg	440 U	430 U	410 U	440 U	400 U	400 U	390 U
SVOC	NITROBENZENE	µg/kg	440 U	430 U	410 U	440 U	400 U	400 U	390 U
SVOC	O-TOLUIDINE	µg/Kg	440 U	430 U	410 U	440 U	400 U	400 U	390 U
SVOC	P-DIMETHYLAMINOAZOBENZENE	µg/Kg	440 U	430 U	410 U	440 U	400 U	400 U	390 U
SVOC	P-PHENYLENEDIAMINE	µg/Kg	440 UJ	430 UJ	410 UJ	440 UJ	400 U	400 U	390 U
SVOC	PENTACHLOROBENZENE	µg/kg	440 U	430 U	410 U	440 U	400 U	400 U	390 U
SVOC	PENTACHLORONITROBENZENE	µg/kg	440 U	430 U	410 U	440 U	400 U	400 U	390 U
SVOC	PENTACHLOROPHENOL	µg/kg	1,100 U	1,000 UJ	990 U	1,100 U	970 UJ	970 UJ	940 UJ
SVOC	PHENACETIN	µg/Kg	440 U	430 U	410 U	440 U	400 U	400 U	390 U
SVOC	PHENANTHRENE	µg/kg	**34.0** J	**90.0** J	**27.0** J	**66.0** J	**33.0** J	**42.0** J	**41.0** J
SVOC	PHENOL	µg/kg	440 U	430 U	410 U	440 U	400 UJ	400 UJ	390 UJ
SVOC	PRONAMIDE	µg/Kg	440 U	430 U	410 U	440 U	400 U	400 U	390 U
SVOC	PYRENE	µg/kg	**66.0** J	**130** J	**57.0** J	**120** J	**69.0** J	**74.0** J	**45.0** J
SVOC	PYRIDINE	µg/kg	440 U	430 U	410 U	440 U	400 UJ	400 UJ	390 UJ
SVOC	SAFROLE	µg/Kg	440 U	430 U	410 U	440 U	400 U	400 U	390 U
SVOC	SYM-TRINITROBENZENE	µg/Kg	440 U	430 U	410 U	440 U	400 U	400 U	390 U
VOC	1,1,1,2-TETRACHLOROETHANE	µg/kg	66.0 U	74.0 U	64.0 U	63.0 U	68.0 U	71.0 U	55.0 U
VOC	1,1,1-TRICHLOROETHANE	µg/kg	66.0 U	74.0 U	64.0 U	63.0 U	68.0 U	71.0 U	55.0 U
VOC	1,1,2,2-TETRACHLOROETHANE	µg/kg	66.0 U	74.0 U	64.0 U	63.0 U	68.0 U	71.0 U	55.0 U
VOC	1,1,2-TRICHLOROETHANE	µg/kg	66.0 U	74.0 U	64.0 U	63.0 U	68.0 U	71.0 U	55.0 U
VOC	1,1-DICHLOROETHANE	µg/kg	66.0 U	74.0 U	64.0 U	63.0 U	68.0 U	71.0 U	55.0 U
VOC	1,1-DICHLOROETHENE	µg/kg	66.0 U	74.0 U	64.0 U	63.0 U	68.0 U	71.0 U	55.0 U
VOC	1,2,3-TRICHLOROPROPANE	µg/kg	66.0 U	74.0 U	64.0 U	63.0 U	68.0 U	71.0 U	55.0 U
VOC	1,2-DIBROMOETHANE (EDB)	µg/kg	66.0 U	74.0 U	64.0 U	63.0 U	68.0 U	71.0 U	55.0 U
VOC	1,2-DICHLOROBENZENE	µg/kg	440 U	430 U	410 U	440 U	400 U	400 U	390 U
VOC	1,2-DICHLOROETHANE	µg/kg	66.0 U	74.0 U	64.0 U	63.0 U	68.0 U	71.0 U	55.0 U
VOC	1,2-DICHLOROPROPANE	µg/kg	66.0 U	74.0 U	64.0 U	63.0 U	68.0 U	71.0 U	55.0 U
VOC	1,3-DICHLOROBENZENE	µg/kg	440 U	430 U	410 U	440 U	400 U	400 U	390 U
VOC	1,4-DICHLOROBENZENE	µg/kg	440 U	430 U	410 U	440 U	400 UJ	400 UJ	390 UJ
VOC	2-HEXANONE	µg/kg	66.0 U	74.0 U	64.0 U	63.0 U	68.0 U	71.0 U	55.0 U
VOC	ACETONE	µg/kg	1,300 UJ	1,500 UJ	1,300 U	1,300 UJ	1,400 U	1,400 U	1,100 U
VOC	ACETONITRILE	µg/kg	1,300 UJ	1,500 UJ	1,300 UJ	1,300 U	1,400 UJ	1,400 UJ	1,100 UJ
VOC	ACROLEIN	µg/kg	660 UJ	740 UJ	640 UJ	630 U	680 UJ	710 UJ	550 UJ
VOC	ACRYLONITRILE	µg/kg	660 U	740 U	640 U	630 U	680 U	710 U	550 U
VOC	ALLYL CHLORIDE (3-CHLOROPROPENE)	µg/Kg	130 U	150 U	130 U	130 U	140 U	140 U	110 U
VOC	BENZENE	µg/kg	66.0 U	74.0 U	64.0 U	63.0 U	68.0 U	71.0 U	55.0 U
VOC	BROMODICHLOROMETHANE	µg/kg	66.0 U	74.0 U	64.0 U	63.0 U	68.0 U	71.0 U	55.0 U
VOC	BROMOFORM	µg/kg	66.0 U	74.0 U	64.0 U	63.0 U	68.0 U	71.0 U	55.0 U
VOC	BROMOMETHANE	µg/kg	130 U	150 U	130 U	130 U	140 U	140 U	110 U
VOC	CARBON DISULFIDE	µg/kg	66.0 U	74.0 U	64.0 U	63.0 U	68.0 U	71.0 U	55.0 U
VOC	CARBON TETRACHLORIDE	µg/kg	66.0 U	74.0 U	64.0 U	63.0 U	68.0 U	71.0 U	55.0 U
VOC	CHLOROBENZENE	µg/kg	66.0 U	74.0 U	64.0 U	63.0 U	68.0 U	71.0 U	55.0 U
VOC	CHLOROETHANE	µg/kg	66.0 UJ	74.0 UJ	64.0 UJ	63.0 UJ	68.0 U	71.0 U	55.0 U
VOC	CHLOROFORM	µg/kg	66.0 U	74.0 U	64.0 U	63.0 U	68.0 U	71.0 U	55.0 U
VOC	CHLOROMETHANE	µg/kg	66.0 U	74.0 U	64.0 U	63.0 U	68.0 U	71.0 U	55.0 UJ
VOC	CHLOROPRENE (2-CHLORO-1,3-BUTADIENE)	µg/Kg	660 U	740 U	640 U	630 U	680 U	710 U	550 U
VOC	CIS-1,3-DICHLOROPROPENE	µg/Kg	66.0 U	74.0 U	64.0 U	63.0 U	68.0 U	71.0 U	55.0 U
VOC	DIBROMOCHLOROMETHANE	µg/kg	66.0 U	74.0 U	64.0 U	63.0 U	68.0 U	71.0 U	55.0 U
VOC	DIBROMOMETHANE	µg/kg	66.0 U	74.0 U	64.0 U	63.0 U	68.0 U	71.0 U	55.0 U
VOC	DICHLORODIFLUOROMETHANE	µg/kg	66.0 U	74.0 U	64.0 U	63.0 U	68.0 U	71.0 U	55.0 U
VOC	ETHYL BENZENE	µg/kg	66.0 U	74.0 U	64.0 U	63.0 U	68.0 UJ	71.0 UJ	55.0 UJ
VOC	ETHYL METHACRYLATE	µg/Kg	130 U	150 U	130 U	130 U	140 U	140 U	110 U
VOC	ISOBUTANOL	µg/kg	6,600 UJ	7,400 UJ	6,400 UJ	6,300 U	6,800 UJ	7,100 UJ	5,500 UJ
VOC	METHYL ETHYL KETONE (2-BUTANONE)	µg/kg	330 U	370 U	320 U	320 U	340 U	350 U	280 U
VOC	METHYL IODIDE (IODOMETHANE)	µg/Kg	66.0 U	74.0 U	64.0 U	63.0 U	68.0 UJ	71.0 UJ	55.0 UJ
VOC	METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	µg/kg	130 U	150 U	130 U	130 U	140 U	140 U	110 U
VOC	METHYL METHACRYLATE	µg/Kg	130 U	150 U	130 U	130 U	140 U	140 U	110 U
VOC	METHYLACRYLONITRILE	µg/Kg	330 U	370 U	320 U	320 U	340 U	350 U	280 U
VOC	METHYLENE CHLORIDE	µg/kg	330 U	370 U	320 U	**160**	340 U	350 U	280 U
VOC	PENTOCHLORETHANE	µg/Kg	440 U	430 U	410 U	440 U	400 U	400 U	390 U
VOC	PROPIONITRILE, ETHYL CYANIDE	µg/Kg	1,300 UJ	1,500 UJ	1,300 UJ	1,300 U	1,400 UJ	1,400 UJ	1,100 UJ
VOC	STYRENE	µg/kg	66.0 U	74.0 U	64.0 U	63.0 U	68.0 U	71.0 U	55.0 U
VOC	TETRACHLOROETHENE (PCE)	µg/kg	66.0 U	74.0 U	64.0 U	63.0 U	68.0 U	71.0 U	55.0 U
VOC	TOLUENE	µg/kg	**4,600**	74.0 U	**1,300**	**990**	**290** J	**290** J	**210** J
VOC	TRANS-1,2-DICHLOROETHENE	µg/kg	66.0 U	74.0 U	64.0 U	63.0 U	68.0 U	71.0 U	55.0 U
VOC	TRANS-1,3-DICHLOROPROPENE	µg/Kg	66.0 U	74.0 U	64.0 U	63.0 U	68.0 U	71.0 U	55.0 U
VOC	TRANS-1,4-DICHLORO-2-BUTENE	µg/Kg	66.0 U	74.0 U	64.0 U	63.0 U	68.0 U	71.0 U	55.0 U
VOC	TRICHLOROETHENE (TCE)	µg/kg	66.0 U	74.0 U	64.0 U	63.0 U	68.0 U	71.0 U	55.0 U
VOC	TRICHLOROFLUOROMETHANE	µg/kg	66.0 U	74.0 U	64.0 U	63.0 UJ	68.0 U	71.0 U	55.0 U
VOC	VINYL ACETATE	µg/kg	66.0 U	74.0 U	64.0 U	63.0 U	68.0 U	71.0 U	55.0 U
VOC	VINYL CHLORIDE	µg/kg	66.0 U	74.0 U	64.0 U	63.0 U	68.0 U	71.0 U	55.0 U
VOC	XYLENES, TOTAL	µg/kg	200 U	220 U	190 U	190 U	210 U	210 U	170 U

J = Estimated value
U = Undetected
UJ = Undetected; Estimated detection limit
Bold = analyte detected

Table 2
Potential Constituents of Concern (PCOI) Soil Analytical Results
Dow Midland Representative Soils Project

			2147-1	2147-2-D	2147-2-M	2753-1-D	2753-1-M	2753-2	2808-1
			MidBlind_2147-1	MidBlind_2147-2-D	MidBlind_2147-2-M	MidBlind_2753-1-D	MidBlind_2753-1-M	MidBlind_2753-2	MidBlind_2808-1
			10/30/2006	10/30/2006	10/30/2006	10/30/2006	10/30/2006	10/30/2006	10/30/2006
		Sam	0-1	1-6	1-6	0-1	0-1	1-6	0-1
			Soil	SOIL	SOIL	SOIL	SOIL	Soil	Soil
Group	**Analyte**	**Units**							
GEN	CYANIDE, TOTAL	µg/kg	**220**	**45.0** J	**23.0** J	**88.0** J	**41.0** J	**140** J	**44.0** J
GEN	SULFIDE	mg/Kg	96.0 U	90.0 U	90.0 U	93.0 U	93.0 U	92.0 U	88.0 U
GEN	TOTAL ORGANIC CARBON	mg/kg	**13,000**	**9,000**	**8,500**	**22,000**	**20,000**	**20,000**	**10,000**
HERB	2,4,5-T (TRICHLOROPHENOXYACETIC ACID)	µg/Kg	20.0 U	19.0 U	19.0 U	20.0 U	20.0 U	19.0 U	19.0 U
HERB	2,4-D (DICHLOROPHENOXYACETIC ACID)	µg/kg	20.0 U	19.0 U	19.0 U	20.0 U	20.0 U	19.0 U	19.0 U
HERB	DINOSEB	µg/kg	390 U	370 U	370 U	380 U	390 U	380 U	360 U
HERB	SILVEX (2,4,5-TP)	µg/kg	20.0 U	19.0 U	19.0 U	20.0 U	20.0 U	19.0 U	19.0 U
MET	ANTIMONY	µg/kg	230 U	220 U	220 UJ	220 U	220 UJ	220 U	210 U
MET	ARSENIC	µg/kg	190 U	310 U	300 U	730 U	**880** J	790 U	**1,200**
MET	BARIUM	µg/kg	**15,000**	**14,000**	**14,000** J	**31,000**	**31,000** J	**33,000**	**17,000**
MET	BERYLLIUM	µg/kg	**110** J	**95.0** J	**110** J	**220** J	**200** J	**230** J	**130** J
MET	CADMIUM	µg/kg	23.0 U	21.0 U	21.0 U	**120** J	**79.0** J	**140** J	**140** J
MET	CHROMIUM, TOTAL	µg/kg	**9,900**	**3,200**	**3,900**	**11,000**	**10,000** J	**11,000**	**5,700**
MET	COBALT	µg/kg	**900**	**640**	**760**	**2,200**	**2,000** J	**2,200**	**890**
MET	COPPER	µg/kg	**4,700**	**2,100**	**2,800**	**10,000**	**10,000** J	**10,000**	**5,900**
MET	LEAD	µg/kg	**28,000**	**4,800**	**5,800**	**22,000**	**20,000** J	**20,000**	**14,000**
MET	MERCURY	µg/kg	**23.0**	**18.0**	**17.0**	**58.0**	**61.0**	**60.0**	**17.0**
MET	NICKEL	µg/kg	**2,600**	**1,900**	**2,200**	**6,000**	**5,700** J	**6,200**	**3,400**
MET	SELENIUM	µg/kg	500 U	470 U	480 U	490 U	490 U	490 U	460 U
MET	SILVER	µg/kg	56.0 U	53.0 U	53.0 U	**88.0** J	**78.0** J	**81.0** J	51.0 U
MET	THALLIUM	µg/kg	200 U	190 U	190 U	200 U	200 U	200 U	190 U
MET	TIN	mg/kg	0.53 U	0.5 U	0.5 U	**0.62** J	**0.61** J	**0.53** J	0.49 U
MET	VANADIUM	µg/kg	**5,200**	**4,100**	**5,600**	**8,800**	**7,900**	**8,800**	**4,600**
MET	ZINC	µg/kg	**17,000**	**6,800**	7,700 U	**36,000**	**39,000** J	**39,000**	**20,000**
PCB	PCB-1016 (AROCLOR 1016)	µg/Kg	39.0 U	37.0 U	37.0 U	39.0 U	38.0 U	38.0 U	36.0 U
PCB	PCB-1221 (AROCLOR 1221)	µg/Kg	39.0 U	37.0 U	37.0 U	39.0 U	38.0 U	38.0 U	36.0 U
PCB	PCB-1232 (AROCLOR 1232)	µg/Kg	39.0 U	37.0 U	37.0 U	39.0 U	38.0 U	38.0 U	36.0 U
PCB	PCB-1242 (AROCLOR 1242)	µg/Kg	39.0 U	37.0 U	37.0 U	39.0 U	38.0 U	38.0 U	36.0 U
PCB	PCB-1248 (AROCLOR 1248)	µg/Kg	39.0 U	37.0 U	37.0 U	39.0 U	38.0 U	38.0 U	36.0 U
PCB	PCB-1254 (AROCLOR 1254)	µg/Kg	39.0 U	37.0 U	37.0 U	39.0 U	38.0 U	38.0 U	36.0 U
PCB	PCB-1260 (AROCLOR 1260)	µg/Kg	39.0 U	37.0 U	37.0 U	39.0 U	38.0 U	38.0 U	36.0 U
PCB	PCB-1262 (AROCLOR 1262)	µg/Kg	39.0 U	37.0 U	37.0 U	39.0 U	38.0 U	38.0 U	36.0 U
PCB	PCB-1268 (AROCLOR 1268)	µg/Kg	39.0 U	37.0 U	37.0 U	39.0 U	38.0 U	38.0 U	36.0 U
PCB	SUMMED PCB	µg/Kg	**180**	**170**	**37**	**170**	**38**	**170**	**160**
PEST	1,2-DIBROMO-3-CHLOROPROPANE	µg/kg	65.0 U	50.0 U	54.0 U	49.0 U	53.0 U	47.0 U	57.0 U
PEST	4,4'-DDD	µg/kg	24.0 U	**0.86** J	22.0 U	**6.0** J	**2.9** J	**2.7** J	**2.1** J
PEST	4,4'-DDE	µg/kg	24.0 U	**17.0** J	22.0 U	23.0 U	23.0 U	23.0 U	22.0 U
PEST	4,4'-DDT	µg/kg	**1.5** J	**2.4** J	22.0 U	**10.0** J	**11.0** J	**11.0** J	**20.0** J
PEST	ALDRIN	µg/kg	24.0 U	22.0 U	22.0 U	23.0 U	23.0 U	23.0 U	22.0 U
PEST	ALPHA BHC	µg/kg	24.0 U	22.0 U	22.0 U	23.0 U	23.0 U	23.0 U	22.0 U
PEST	BETA BHC	µg/kg	24.0 U	22.0 U	22.0 U	23.0 U	23.0 U	23.0 U	**3.1** J
PEST	CHLORDANE	µg/kg	30.0 U	28.0 U	28.0 U	29.0 U	29.0 U	29.0 U	27.0 U
PEST	DELTA BHC	µg/Kg	24.0 U	22.0 U	22.0 U	23.0 U	23.0 U	23.0 U	22.0 U
PEST	DIELDRIN	µg/kg	24.0 U	22.0 U	22.0 U	23.0 U	**1.6** J	**1.4** J	**1.2** J
PEST	DIMETHOATE	µg/Kg	790 U	740 U	740 U	760 U	770 U	760 U	720 U
PEST	DISULFOTON	µg/Kg	790 U	740 U	740 U	760 U	770 U	760 U	720 U
PEST	ENDOSULFAN I	µg/Kg	24.0 U	22.0 U	22.0 U	23.0 U	23.0 U	23.0 U	22.0 U
PEST	ENDOSULFAN II	µg/Kg	**8.4** J	22.0 U	22.0 U	**4.8** J	**2.4** J	**4.1** J	**7.6** J
PEST	ENDOSULFAN SULFATE	µg/Kg	24.0 U	22.0 U	22.0 U	23.0 U	23.0 U	23.0 U	22.0 U
PEST	ENDRIN	µg/kg	24.0 U	22.0 U	22.0 U	23.0 U	23.0 U	23.0 U	22.0 U
PEST	ENDRIN ALDEHYDE	µg/Kg	24.0 U	22.0 U	22.0 U	23.0 U	**2.1** J	**1.5** J	22.0 U
PEST	FAMPHUR	µg/Kg	790 UJ	740 UJ	740 UJ	760 UJ	770 UJ	760 UJ	720 UJ
PEST	GAMMA BHC (LINDANE)	µg/kg	24.0 U	22.0 U	22.0 U	23.0 U	23.0 U	23.0 U	22.0 U
PEST	HEPTACHLOR	µg/kg	24.0 U	22.0 U	22.0 U	23.0 U	23.0 U	23.0 U	22.0 U
PEST	HEPTACHLOR EPOXIDE	µg/kg	24.0 U	22.0 U	22.0 U	23.0 U	23.0 U	23.0 U	22.0 U
PEST	KEPONE	µg/Kg	2,000 U	1,900 U	1,900 U	1,900 U	2,000 U	1,900 U	1,800 U
PEST	METHOXYCHLOR	µg/kg	59.0 U	**2.9** J	56.0 U	58.0 U	57.0 U	57.0 U	54.0 U
PEST	O,O,O-TRIETHYL PHOSPHOROTHIOATE	µg/Kg	390 U	370 U	370 U	380 U	390 U	380 U	360 U
PEST	O,O-DIETHYL O-2-PYRAZINYL PHOSPHOROTHIOATE (THIONAZIN)	µg/Kg	390 U	370 U	370 U	380 U	390 U	380 U	360 U
PEST	PARATHION, ETHYL (PARATHION)	µg/Kg	390 U	370 U	370 U	380 U	390 U	380 U	360 U
PEST	PARATHION, METHYL	µg/kg	790 U	740 U	740 U	760 U	770 U	760 U	720 U
PEST	PHORATE	µg/Kg	790 U	740 U	740 U	760 U	770 U	760 U	720 U
PEST	TETRAETHYL DITHIOPYROPHOSPHATE (SULFOTEPP)	µg/Kg	790 U	740 U	740 U	760 U	770 U	760 U	720 U
PEST	TOXAPHENE	µg/kg	200 U	190 U	190 U	200 U	200 U	200 U	180 U
SVOC	1,2,4,5-TETRACHLOROBENZENE	µg/kg	390 U	370 U	370 U	380 U	390 U	380 U	360 U
SVOC	1,3-DINITROBENZENE	µg/Kg	390 U	370 U	370 U	380 U	390 U	380 U	360 U
SVOC	1,4-DIOXANE	µg/kg	390 U	370 U	370 U	380 U	390 U	380 U	360 U
SVOC	1,4-NAPHTHOQUINONE	µg/Kg	790 U	740 U	740 U	760 U	770 U	760 U	720 U
SVOC	1-NAPHTHYLAMINE	µg/Kg	390 UJ	370 UJ	370 UJ	380 UJ	390 UJ	380 UJ	360 UJ
SVOC	2,2'-OXYBIS(1-CHLOROPROPANE)	µg/Kg	390 U	370 U	370 U	380 U	390 U	380 U	360 U
SVOC	2,3,4,6-TETRACHLOROPHENOL	µg/Kg	390 U	370 U	370 U	380 U	390 U	380 U	360 U
SVOC	2,4,5-TRICHLOROPHENOL	µg/kg	390 U	370 U	370 U	380 U	390 U	380 U	360 U
SVOC	2,4,6-TRICHLOROPHENOL	µg/kg	390 U	370 U	370 U	380 U	390 U	380 U	360 U
SVOC	2,4-DICHLOROPHENOL	µg/kg	390 U	370 U	370 U	380 U	390 U	380 U	360 U
SVOC	2,4-DIMETHYLPHENOL	µg/kg	390 U	370 U	370 U	380 U	390 U	380 U	360 U
SVOC	2,4-DINITROPHENOL	µg/Kg	2,000 U	1,900 U	1,900 U	1,900 U	2,000 U	1,900 U	1,800 U
SVOC	2,4-DINITROTOLUENE	µg/kg	390 U	370 U	370 U	380 U	390 U	380 U	360 U
SVOC	2,6-DICHLOROPHENOL	µg/Kg	390 U	370 U	370 U	380 U	390 U	380 U	360 U

J = Estimated value
U = Undetected
UJ = Undetected; Estimated detection limit
Bold = analyte detected

Table 2
Potential Constituents of Concern (PCOI) Soil Analytical Results
Dow Midland Representative Soils Project

			2147-1	2147-2-D	2147-2-M	2753-1-D	2753-1-M	2753-2	2808-1
			MidBlind_2147-1	MidBlind_2147-2-D	MidBlind_2147-2-M	MidBlind_2753-1-D	MidBlind_2753-1-M	MidBlind_2753-2	MidBlind_2808-1
			10/30/2006	10/30/2006	10/30/2006	10/30/2006	10/30/2006	10/30/2006	10/30/2006
		Sam	0-1	1-6	1-6	0-1	0-1	1-6	0-1
			Soil	SOIL	SOIL	SOIL	SOIL	Soil	Soil
Group	**Analyte**	**Units**							
SVOC	2,6-DINITROTOLUENE	µg/Kg	390 U	370 U	370 U	380 U	390 U	380 U	360 U
SVOC	2-Acetylaminofluorene	µg/Kg	390 U	370 U	370 U	380 U	390 U	380 U	360 U
SVOC	2-CHLORONAPHTHALENE	µg/kg	390 U	370 U	370 U	380 U	390 U	380 U	360 U
SVOC	2-CHLOROPHENOL	µg/kg	390 U	370 U	370 U	380 U	390 U	380 U	360 U
SVOC	2-METHYLNAPHTHALENE	µg/kg	390 U	370 U	370 U	380 U	**16.0** J	380 U	360 U
SVOC	2-METHYLPHENOL (O-CRESOL)	µg/Kg	390 U	370 U	370 U	380 U	390 U	380 U	360 U
SVOC	2-NAPHTHYLAMINE	µg/Kg	390 U	370 U	370 U	380 U	390 U	380 U	360 U
SVOC	2-NITROANILINE	µg/Kg	2,000 U	1,900 U	1,900 U	1,900 U	2,000 U	1,900 U	1,800 U
SVOC	2-NITROPHENOL	µg/kg	390 U	370 U	370 U	380 U	390 U	380 U	360 U
SVOC	3 & 4-METHYLPHENOL (M,P-CRESOL)	µg/Kg	390 U	370 U	370 U	380 U	390 U	380 U	360 U
SVOC	3,3'-DICHLOROBENZIDINE	µg/kg	790 U	740 U	740 U	760 U	770 U	760 U	720 U
SVOC	3,3'-DIMETHYLBENZIDINE	µg/Kg	390 U	370 U	370 U	380 U	390 U	380 U	360 U
SVOC	3-METHYLCHOLANTHRENE	µg/Kg	390 U	370 U	370 U	380 U	390 U	380 U	360 U
SVOC	3-NITROANILINE	µg/Kg	2,000 U	1,900 U	1,900 U	1,900 U	2,000 U	1,900 U	1,800 U
SVOC	4,6-DINITRO-2-METHYLPHENOL	µg/kg	2,000 U	1,900 U	1,900 U	1,900 U	2,000 U	1,900 U	1,800 U
SVOC	4-AMINOBIPHENYL	µg/Kg	390 U	370 U	370 U	380 U	390 U	380 U	360 U
SVOC	4-BROMOPHENYL PHENYL ETHER	µg/Kg	390 U	370 U	370 U	380 U	390 U	380 U	360 U
SVOC	4-CHLORO-3-METHYLPHENOL	µg/kg	390 U	370 U	370 U	380 U	390 U	380 U	360 U
SVOC	4-CHLOROANILINE	µg/Kg	390 U	370 U	370 U	380 U	390 U	380 U	360 U
SVOC	4-CHLOROPHENYL PHENYL ETHER	µg/Kg	390 U	370 U	370 U	380 U	390 U	380 U	360 U
SVOC	4-NITROANILINE	µg/Kg	2,000 U	1,900 U	1,900 U	1,900 U	2,000 U	1,900 U	1,800 U
SVOC	4-NITROPHENOL	µg/Kg	2,000 U	1,900 U	1,900 U	1,900 U	2,000 U	1,900 U	1,800 U
SVOC	4-NITROQUINOLINE-1-OXIDE	µg/Kg	390 U	370 U	370 U	380 U	390 U	380 U	360 U
SVOC	5-NITRO-O-TOLUIDINE	µg/Kg	390 U	370 U	370 U	380 U	390 U	380 U	360 U
SVOC	7,12-DIMETHYLBENZ(A)ANTHRACENE	µg/Kg	390 U	370 U	370 U	380 U	390 U	380 U	360 U
SVOC	ACENAPHTHENE	µg/kg	390 UJ	370 UJ	370 UJ	380 UJ	390 UJ	380 UJ	360 UJ
SVOC	ACENAPHTHYLENE	µg/kg	390 U	370 U	370 U	380 U	390 U	380 U	360 U
SVOC	ACETOPHENONE	µg/kg	390 U	370 U	370 U	380 U	390 U	380 U	360 U
SVOC	ALPHA, ALPHA DIMETHYLPHENETHYLAMINE	µg/Kg	390 U	370 U	370 U	380 U	390 U	380 U	360 U
SVOC	ANILINE	µg/kg	390 U	370 U	370 U	380 U	390 U	380 U	360 U
SVOC	ANTHRACENE	µg/kg	390 U	370 U	370 U	**12.0** J	**13.0** J	**12.0** J	**12.0** J
SVOC	ARAMITE (TOTAL)	µg/Kg	390 U	370 U	370 U	380 U	390 U	380 U	360 U
SVOC	BENZO(A)ANTHRACENE	µg/kg	390 U	370 U	370 U	380 U	390 U	380 U	360 U
SVOC	BENZO(A)PYRENE	µg/kg	390 UJ	370 UJ	370 UJ	380 UJ	**53.0** J	380 UJ	**71.0** J
SVOC	BENZO(B)FLUORANTHENE	µg/kg	**69.0** J	**45.0** J	**41.0** J	**110** J	**130** J	**100** J	**140** J
SVOC	BENZO(G,H,I)PERYLENE	µg/kg	**160** J	**150** J	**150** J	**180** J	**190** J	**170** J	**190** J
SVOC	BENZO(K)FLUORANTHENE	µg/kg	390 UJ	370 UJ	370 UJ	**59.0** J	390 UJ	**59.0** J	**64.0** J
SVOC	BENZYL ALCOHOL	µg/kg	390 U	370 U	370 U	380 U	390 U	380 U	360 U
SVOC	BENZYL BUTYL PHTHALATE	µg/kg	390 U	370 U	370 UJ	380 U	390 U	380 U	360 U
SVOC	BIS(2-CHLOROETHOXY) METHANE	µg/kg	390 U	370 U	370 U	380 U	390 U	380 U	360 U
SVOC	BIS(2-CHLOROETHYL) ETHER	µg/kg	390 U	370 U	370 U	380 U	390 U	380 U	360 U
SVOC	BIS(2-ETHYLHEXYL) PHTHALATE	µg/kg	390 U	370 U	370 U	380 U	390 U	380 U	360 U
SVOC	CHLOROBENZILATE	µg/Kg	390 U	370 U	370 U	380 U	390 U	380 U	360 U
SVOC	CHRYSENE	µg/kg	390 U	370 U	370 U	**77.0** J	**77.0** J	**74.0** J	**96.0** J
SVOC	DI-N-BUTYL PHTHALATE	µg/kg	390 U	370 U	370 U	380 U	390 U	380 U	360 U
SVOC	DI-N-OCTYLPHTHALATE	µg/kg	390 UJ	370 UJ	370 UJ	380 UJ	390 UJ	380 UJ	360 UJ
SVOC	DIALLATE (TOTAL OF CIS AND TRANS ISOMERS)	µg/Kg	390 U	370 U	370 U	380 U	390 U	380 U	360 U
SVOC	DIBENZ(A,H)ANTHRACENE	µg/kg	390 U	370 U	370 U	380 U	390 U	380 U	**39.0** J
SVOC	DIBENZOFURAN	µg/kg	390 U	370 U	370 U	380 U	390 U	380 U	360 U
SVOC	DIETHYL PHTHALATE	µg/kg	390 U	370 U	370 U	380 U	390 U	380 U	360 U
SVOC	DIMETHYL PHTHALATE	µg/kg	390 U	370 U	370 U	380 U	390 U	380 U	360 U
SVOC	DIPHENYLAMINE	µg/Kg	390 U	370 U	370 U	380 U	390 U	380 U	360 U
SVOC	ETHYL METHANESULFONATE	µg/Kg	390 U	370 U	370 U	380 U	390 U	380 U	360 U
SVOC	FLUORANTHENE	µg/kg	**46.0** J	370 UJ	370 UJ	**130** J	**140** J	**120** J	**180** J
SVOC	FLUORENE	µg/kg	390 U	370 U	370 U	380 U	390 U	380 U	360 U
SVOC	HEXACHLOROBENZENE	µg/kg	390 U	370 U	370 U	380 U	390 U	380 U	360 U
SVOC	HEXACHLOROBUTADIENE	µg/kg	390 U	370 U	370 U	380 U	390 U	380 U	360 U
SVOC	HEXACHLOROCYCLOPENTADIENE	µg/kg	390 U	370 U	370 UJ	380 U	390 U	380 U	360 U
SVOC	HEXACHLOROETHANE	µg/kg	390 U	370 U	370 U	380 U	390 U	380 U	360 U
SVOC	HEXACHLOROPHENE	µg/Kg	790 UJ	740 UJ	740 UJ	760 UJ	770 UJ	760 UJ	720 UJ
SVOC	HEXACHLOROPROPENE	µg/Kg	390 U	370 U	370 U	380 U	390 U	380 U	360 U
SVOC	INDENO(1,2,3-C,D)PYRENE	µg/kg	**35.0** J	370 U	370 U	**75.0** J	**94.0** J	**78.0** J	**120** J
SVOC	ISODRIN	µg/Kg	390 U	370 U	370 U	380 U	390 U	380 U	360 U
SVOC	ISOPHORONE	µg/kg	390 U	370 U	370 U	380 U	390 U	380 U	360 U
SVOC	ISOSAFROLE	µg/Kg	390 U	370 U	370 U	380 U	390 U	380 U	360 U
SVOC	METHAPYRILENE	µg/Kg	390 UJ	370 UJ	370 UJ	380 UJ	390 UJ	380 UJ	360 UJ
SVOC	METHYL METHANESULFONATE	µg/Kg	390 U	370 U	370 U	380 U	390 U	380 U	360 U
SVOC	N-NITROSO-DI-N-BUTYLAMINE	µg/Kg	390 U	370 U	370 U	380 U	390 U	380 U	360 U
SVOC	N-NITROSODI-N-PROPYLAMINE	µg/kg	390 U	370 U	370 U	380 U	390 U	380 U	360 U
SVOC	N-NITROSODIETHYLAMINE	µg/Kg	390 U	370 U	370 U	380 U	390 U	380 U	360 U
SVOC	N-NITROSODIMETHYLAMINE	µg/Kg	390 UJ	370 UJ	370 UJ	380 UJ	390 UJ	380 UJ	360 UJ

J = Estimated value
U = Undetected
UJ = Undetected; Estimated detection limit
Bold = analyte detected

Table 2
Potential Constituents of Concern (PCOI) Soil Analytical Results
Dow Midland Representative Soils Project

			2147-1	2147-2-D	2147-2-M	2753-1-D	2753-1-M	2753-2	2808-1
			MidBlind_2147-1	MidBlind_2147-2-D	MidBlind_2147-2-M	MidBlind_2753-1-D	MidBlind_2753-1-M	MidBlind_2753-2	MidBlind_2808-1
			10/30/2006	10/30/2006	10/30/2006	10/30/2006	10/30/2006	10/30/2006	10/30/2006
		Sam	0-1	1-6	1-6	0-1	0-1	1-6	0-1
			Soil	SOIL	SOIL	SOIL	SOIL	Soil	Soil
Group	**Analyte**	**Units**							
SVOC	N-NITROSODIPHENYLAMINE	µg/kg	390 UJ	370 UJ	370 UJ	380 UJ	390 UJ	380 UJ	360 UJ
SVOC	N-NITROSOMETHYLETHYLAMINE	µg/Kg	390 UJ	370 UJ	370 UJ	380 UJ	390 UJ	380 UJ	360 UJ
SVOC	N-NITROSOMORPHOLINE	µg/Kg	390 U	370 U	370 U	380 U	390 U	380 U	360 U
SVOC	N-NITROSOPIPERIDINE	µg/Kg	390 U	370 U	370 U	380 U	390 U	380 U	360 U
SVOC	N-NITROSOPYRROLIDINE	µg/Kg	390 U	370 U	370 U	380 U	390 U	380 U	360 U
SVOC	NAPHTHALENE	µg/kg	390 U	370 U	370 U	380 U	390 U	380 U	360 U
SVOC	NITROBENZENE	µg/kg	390 U	370 U	370 U	380 U	390 U	380 U	360 U
SVOC	O-TOLUIDINE	µg/Kg	390 U	370 U	370 U	380 U	390 U	380 U	360 U
SVOC	P-DIMETHYLAMINOAZOBENZENE	µg/Kg	390 U	370 U	370 U	380 U	390 U	380 U	360 U
SVOC	P-PHENYLENEDIAMINE	µg/Kg	390 U	370 U	370 U	380 U	390 U	380 U	360 U
SVOC	PENTACHLOROBENZENE	µg/kg	390 U	370 U	370 U	380 U	390 U	380 U	360 U
SVOC	PENTACHLORONITROBENZENE	µg/kg	390 U	370 U	370 U	380 U	390 U	380 U	360 U
SVOC	PENTACHLOROPHENOL	µg/kg	950 UJ	890 UJ	900 UJ	920 UJ	930 UJ	920 UJ	870 UJ
SVOC	PHENACETIN	µg/Kg	390 U	370 U	370 U	380 U	390 U	380 U	360 U
SVOC	PHENANTHRENE	µg/kg	**15.0** J	370 U	370 U	**48.0** J	**48.0** J	**43.0** J	**59.0** J
SVOC	PHENOL	µg/kg	390 UJ	370 UJ	370 UJ	380 UJ	390 UJ	380 UJ	360 UJ
SVOC	PRONAMIDE	µg/Kg	390 U	370 U	370 U	380 U	390 U	380 U	360 U
SVOC	PYRENE	µg/kg	**25.0** J	370 U	370 U	**77.0** J	**73.0** J	**67.0** J	**97.0** J
SVOC	PYRIDINE	µg/kg	390 UJ	370 UJ	370 UJ	380 UJ	390 UJ	380 UJ	360 UJ
SVOC	SAFROLE	µg/Kg	390 U	370 U	370 U	380 U	390 U	380 U	360 U
SVOC	SYM-TRINITROBENZENE	µg/Kg	390 U	370 U	370 U	380 U	390 U	380 U	360 U
VOC	1,1,1,2-TETRACHLOROETHANE	µg/kg	65.0 U	50.0 U	54.0 U	49.0 U	53.0 U	47.0 U	57.0 U
VOC	1,1,1-TRICHLOROETHANE	µg/kg	65.0 U	50.0 U	54.0 U	49.0 U	53.0 U	47.0 U	57.0 U
VOC	1,1,2,2-TETRACHLOROETHANE	µg/kg	65.0 U	50.0 U	54.0 U	49.0 U	53.0 U	47.0 U	57.0 U
VOC	1,1,2-TRICHLOROETHANE	µg/kg	65.0 U	50.0 U	54.0 U	49.0 U	53.0 U	47.0 U	57.0 U
VOC	1,1-DICHLOROETHANE	µg/kg	65.0 U	50.0 U	54.0 U	49.0 U	53.0 U	47.0 U	57.0 U
VOC	1,1-DICHLOROETHENE	µg/kg	65.0 U	50.0 U	54.0 U	49.0 U	53.0 U	47.0 U	57.0 U
VOC	1,2,3-TRICHLOROPROPANE	µg/kg	65.0 U	50.0 U	54.0 U	49.0 U	53.0 U	47.0 U	57.0 U
VOC	1,2-DIBROMOETHANE (EDB)	µg/kg	65.0 U	50.0 U	54.0 U	49.0 U	53.0 U	47.0 U	57.0 U
VOC	1,2-DICHLOROBENZENE	µg/kg	390 U	370 U	370 U	380 U	390 U	380 U	360 U
VOC	1,2-DICHLOROETHANE	µg/kg	65.0 U	50.0 U	54.0 U	49.0 U	53.0 U	47.0 U	57.0 U
VOC	1,2-DICHLOROPROPANE	µg/kg	65.0 U	50.0 U	54.0 U	49.0 U	53.0 U	47.0 U	57.0 U
VOC	1,3-DICHLOROBENZENE	µg/kg	390 U	370 U	370 U	380 U	390 U	380 U	360 U
VOC	1,4-DICHLOROBENZENE	µg/kg	390 UJ	370 UJ	370 UJ	380 UJ	390 UJ	380 UJ	360 UJ
VOC	2-HEXANONE	µg/kg	65.0 U	50.0 U	54.0 U	49.0 U	53.0 U	47.0 U	57.0 U
VOC	ACETONE	µg/kg	160 UJ	120 UJ	110 UJ	49.0 UJ	260 UJ	88.0 UJ	280 UJ
VOC	ACETONITRILE	µg/kg	1,300 UJ	1,000 UJ	1,100 UJ	980 UJ	1,100 UJ	940 UJ	1,100 UJ
VOC	ACROLEIN	µg/kg	650 UJ	500 UJ	540 UJ	490 UJ	530 UJ	470 UJ	570 UJ
VOC	ACRYLONITRILE	µg/kg	650 U	500 U	540 U	490 U	530 U	470 U	570 U
VOC	ALLYL CHLORIDE (3-CHLOROPROPENE)	µg/Kg	130 U	100 U	110 U	98.0 U	110 U	94.0 U	110 U
VOC	BENZENE	µg/kg	65.0 U	50.0 U	54.0 U	49.0 U	53.0 U	47.0 U	57.0 U
VOC	BROMODICHLOROMETHANE	µg/kg	65.0 U	50.0 U	54.0 U	49.0 U	53.0 U	47.0 U	57.0 U
VOC	BROMOFORM	µg/kg	65.0 U	50.0 U	54.0 U	49.0 U	53.0 U	47.0 U	57.0 U
VOC	BROMOMETHANE	µg/kg	150 U	100 U	110 U	98.0 U	120 U	94.0 U	160 U
VOC	CARBON DISULFIDE	µg/kg	65.0 U	50.0 U	54.0 U	49.0 U	53.0 U	47.0 U	57.0 U
VOC	CARBON TETRACHLORIDE	µg/kg	65.0 U	50.0 U	54.0 U	49.0 U	53.0 U	47.0 U	57.0 U
VOC	CHLOROBENZENE	µg/kg	65.0 U	50.0 U	54.0 U	49.0 U	53.0 U	47.0 U	57.0 U
VOC	CHLOROETHANE	µg/kg	65.0 U	50.0 U	54.0 U	49.0 U	53.0 U	47.0 U	57.0 U
VOC	CHLOROFORM	µg/kg	65.0 U	50.0 U	54.0 U	49.0 U	53.0 U	47.0 U	57.0 U
VOC	CHLOROMETHANE	µg/kg	65.0 UJ	50.0 UJ	54.0 UJ	49.0 UJ	53.0 UJ	47.0 UJ	57.0 UJ
VOC	CHLOROPRENE (2-CHLORO-1,3-BUTADIENE)	µg/Kg	650 U	500 U	540 U	490 U	530 U	470 U	570 U
VOC	CIS-1,3-DICHLOROPROPENE	µg/Kg	65.0 U	50.0 U	54.0 UJ	49.0 U	53.0 UJ	47.0 U	57.0 U
VOC	DIBROMOCHLOROMETHANE	µg/kg	65.0 U	50.0 U	54.0 U	49.0 U	53.0 U	47.0 U	57.0 U
VOC	DIBROMOMETHANE	µg/kg	65.0 U	50.0 U	54.0 U	49.0 U	53.0 U	47.0 U	57.0 U
VOC	DICHLORODIFLUOROMETHANE	µg/kg	65.0 U	50.0 U	54.0 U	49.0 U	53.0 U	47.0 U	57.0 U
VOC	ETHYL BENZENE	µg/kg	130 U	50.0 U	54.0 U	49.0 U	53.0 U	47.0 U	57.0 U
VOC	ETHYL METHACRYLATE	µg/Kg	65.0 U	100 U	110 U	98.0 U	110 U	94.0 U	110 U
VOC	ISOBUTANOL	µg/kg	6,500 U	5,000 U	5,400 U	4,900 U	5,300 U	4,700 U	5,700 U
VOC	METHYL ETHYL KETONE (2-BUTANONE)	µg/kg	320 U	250 U	270 U	250 U	260 U	240 U	280 U
VOC	METHYL IODIDE (IODOMETHANE)	µg/Kg	250 UJ	50.0 UJ	54.0 UJ	**210** J	53.0 UJ	47.0 UJ	230 UJ
VOC	METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	µg/kg	130 U	100 U	110 U	98.0 U	110 U	94.0 U	110 U
VOC	METHYL METHACRYLATE	µg/Kg	130 U	100 U	110 U	98.0 U	110 U	94.0 U	110 U
VOC	METHYLACRYLONITRILE	µg/Kg	320 U	250 U	270 U	250 U	260 U	240 U	280 U
VOC	METHYLENE CHLORIDE	µg/kg	320 U	250 U	270 U	250 U	260 U	240 U	280 U
VOC	PENTOCHLORETHANE	µg/Kg	390 U	370 U	370 U	380 U	390 U	380 U	360 U
VOC	PROPIONITRILE, ETHYL CYANIDE	µg/Kg	1,300 UJ	1,000 UJ	1,100 UJ	980 UJ	1,100 UJ	940 UJ	1,100 UJ
VOC	STYRENE	µg/kg	65.0 U	50.0 U	54.0 U	49.0 U	53.0 U	47.0 U	57.0 U
VOC	TETRACHLOROETHENE (PCE)	µg/kg	65.0 U	50.0 U	54.0 U	49.0 U	53.0 U	47.0 U	57.0 U
VOC	TOLUENE	µg/kg	430 UJ	50.0 UJ	140 UJ	49.0 UJ	420 UJ	47.0 UJ	**1,000** J
VOC	TRANS-1,2-DICHLOROETHENE	µg/kg	65.0 U	50.0 U	54.0 U	49.0 U	53.0 U	47.0 U	57.0 U
VOC	TRANS-1,3-DICHLOROPROPENE	µg/Kg	65.0 U	50.0 U	54.0 U	49.0 U	53.0 UJ	47.0 U	57.0 U
VOC	TRANS-1,4-DICHLORO-2-BUTENE	µg/Kg	65.0 U	50.0 U	54.0 U	49.0 U	53.0 U	47.0 U	57.0 U
VOC	TRICHLOROETHENE (TCE)	µg/kg	65.0 U	50.0 U	54.0 U	49.0 U	53.0 U	47.0 U	57.0 U
VOC	TRICHLOROFLUOROMETHANE	µg/kg	65.0 U	50.0 U	54.0 U	49.0 U	53.0 U	47.0 U	57.0 U
VOC	VINYL ACETATE	µg/kg	65.0 U	50.0 U	54.0 U	49.0 U	53.0 U	47.0 U	57.0 U
VOC	VINYL CHLORIDE	µg/kg	65.0 U	50.0 U	54.0 UJ	49.0 U	53.0 UJ	47.0 U	57.0 U
VOC	XYLENES, TOTAL	µg/kg	190 U	150 U	160 U	**190**	**210**	140 U	**230**

J = Estimated value
U = Undetected
UJ = Undetected; Estimated detection limit
Bold = analyte detected

Table 2
Potential Constituents of Concern (PCOI) Soil Analytical Results
Dow Midland Representative Soils Project

			2808-2	2823-1	2823-2	3374-1	3374-2	3672-1	3672-2
			MidBlind_2808-2	MidBlind_2823-1	MidBlind_2823-2	MidBlind_3374-1	MidBlind_3374-2	MidBlind_3672-1	MidBlind_3672-2
			10/30/2006	11/13/2006	11/13/2006	10/30/2006	10/30/2006	11/13/2006	11/13/2006
		Sam	1-6	0-1	1-6	0-1	1-6	0-1	1-6
			Soil	Soil	Soil	Soil	Soil	Soil	Soil
Group	**Analyte**	**Units**							
GEN	CYANIDE, TOTAL	µg/kg	**27.0** J	**37.0** J	**65.0** J	**170**	**170**	**65.0** J	**38.0** J
GEN	SULFIDE	mg/Kg	86.0 U	99.0 U	100 U	93.0 U	89.0 U	100 U	100 U
GEN	TOTAL ORGANIC CARBON	mg/kg	**8,200**	**20,000**	**17,000**	**20,000**	**7,600**	**31,000**	100 U
HERB	2,4,5-T (TRICHLOROPHENOXYACETIC ACID)	µg/Kg	18.0 U	21.0 U	22.0 UJ	20.0 U	19.0 U	22.0 U	22.0 U
HERB	2,4-D (DICHLOROPHENOXYACETIC ACID)	µg/kg	18.0 U	21.0 U	22.0 UJ	20.0 UJ	19.0 UJ	22.0 U	22.0 U
HERB	DINOSEB	µg/kg	350 U	410 UJ	430 UJ	380 U	370 U	430 UJ	420 UJ
HERB	SILVEX (2,4,5-TP)	µg/kg	18.0 U	21.0 U	22.0 UJ	20.0 U	19.0 U	22.0 U	22.0 U
MET	ANTIMONY	µg/kg	210 U	1,100 U	1,100 U	220 U	210 U	310 U	520 U
MET	ARSENIC	µg/kg	**1,600**	**4,100**	**4,500**	**1,600**	**1,700**	**5,600**	**5,900**
MET	BARIUM	µg/kg	**15,000**	**39,000**	**39,000**	**33,000**	**35,000**	**40,000**	**44,000**
MET	BERYLLIUM	µg/kg	**110** J	**280**	**310**	**210** J	**220**	**340**	**370**
MET	CADMIUM	µg/kg	**86.0** J	330 U	340 U	**180** J	**140** J	**340**	**340**
MET	CHROMIUM, TOTAL	µg/kg	**4,000**	**6,100**	**5,800**	**6,400**	**6,000**	**5,700**	**6,300**
MET	COBALT	µg/kg	**750**	**2,500**	**2,600**	**2,400**	**2,400**	**2,000**	**2,200**
MET	COPPER	µg/kg	**4,600**	**18,000**	**19,000**	**11,000**	**11,000**	**17,000**	**18,000**
MET	LEAD	µg/kg	**12,000**	**15,000**	**14,000**	**32,000**	**20,000**	**28,000**	**30,000**
MET	MERCURY	µg/kg	**18.0**	**32.0**	**28.0**	**40.0**	**32.0**	**44.0**	**42.0**
MET	NICKEL	µg/kg	**2,800**	**5,900**	**6,100**	**7,100**	**7,200**	**6,400**	**6,700**
MET	SELENIUM	µg/kg	460 U	520 U	550 U	480 U	470 U	550 U	**1,200**
MET	SILVER	µg/kg	51.0 U	58.0 U	61.0 U	54.0 U	53.0 U	61.0 U	60.0 U
MET	THALLIUM	µg/kg	180 U	210 U	220 U	200 U	190 U	220 U	220 U
MET	TIN	mg/kg	0.48 U	0.56 U	0.58 U	0.51 U	0.5 U	0.58 U	0.57 U
MET	VANADIUM	µg/kg	**4,300**	**11,000**	**12,000**	**10,000**	**11,000**	**11,000**	**12,000**
MET	ZINC	µg/kg	**37,000**	**120,000**	**97,000**	**37,000**	**29,000**	**31,000**	**32,000**
PCB	PCB-1016 (AROCLOR 1016)	µg/Kg	35.0 U	40.0 U	43.0 U	38.0 U	37.0 U	42.0 U	42.0 U
PCB	PCB-1221 (AROCLOR 1221)	µg/Kg	35.0 U	40.0 U	43.0 U	38.0 U	37.0 U	42.0 U	42.0 U
PCB	PCB-1232 (AROCLOR 1232)	µg/Kg	35.0 U	40.0 U	43.0 U	38.0 U	37.0 U	42.0 U	42.0 U
PCB	PCB-1242 (AROCLOR 1242)	µg/Kg	35.0 U	40.0 U	43.0 U	38.0 U	37.0 U	42.0 U	42.0 U
PCB	PCB-1248 (AROCLOR 1248)	µg/Kg	35.0 U	40.0 U	43.0 U	38.0 U	37.0 U	42.0 U	42.0 U
PCB	PCB-1254 (AROCLOR 1254)	µg/Kg	35.0 U	40.0 U	43.0 U	38.0 U	37.0 U	42.0 U	42.0 U
PCB	PCB-1260 (AROCLOR 1260)	µg/Kg	35.0 U	40.0 U	43.0 U	38.0 U	37.0 U	42.0 U	42.0 U
PCB	PCB-1262 (AROCLOR 1262)	µg/Kg	35.0 U	40.0 U	43.0 U	38.0 U	37.0 U	42.0 U	42.0 U
PCB	PCB-1268 (AROCLOR 1268)	µg/Kg	35.0 U	40.0 U	43.0 U	38.0 U	37.0 U	42.0 U	42.0 U
PCB	SUMMED PCB	µg/Kg	**160**	**180**	**190**	**170**	**160**	**190**	**190**
PEST	1,2-DIBROMO-3-CHLOROPROPANE	µg/kg	51.0 U	51.0 U	56.0 U	47.0 U	58.0 U	110 U	54.0 U
PEST	4,4'-DDD	µg/kg	**36.0** J	25.0 U	26.0 U	**0.92** J	**1.0** J	**1.1** J	**3.2** J
PEST	4,4'-DDE	µg/kg	21.0 U	**1.2** J	**2.0** J	**11.0** J	**6.6** J	**7.1** J	**9.1** J
PEST	4,4'-DDT	µg/kg	**47.0**	25.0 U	**2.8** J	**8.3** J	**7.4** J	**3.7** J	**4.0** J
PEST	ALDRIN	µg/kg	21.0 U	25.0 U	26.0 U	23.0 U	22.0 U	26.0 U	25.0 U
PEST	ALPHA BHC	µg/kg	21.0 U	25.0 U	26.0 U	23.0 U	22.0 U	26.0 U	25.0 U
PEST	BETA BHC	µg/kg	21.0 U	25.0 U	26.0 U	23.0 U	22.0 U	26.0 U	25.0 U
PEST	CHLORDANE	µg/kg	27.0 U	31.0 U	33.0 U	29.0 U	28.0 U	32.0 U	31.0 U
PEST	DELTA BHC	µg/Kg	21.0 U	25.0 U	26.0 U	23.0 U	22.0 U	26.0 U	**1.0** J
PEST	DIELDRIN	µg/kg	21.0 U	25.0 U	26.0 U	23.0 U	22.0 U	26.0 U	25.0 U
PEST	DIMETHOATE	µg/Kg	700 U	810 U	850 U	750 U	730 U	850 U	840 U
PEST	DISULFOTON	µg/Kg	700 U	810 U	850 U	750 U	730 U	850 U	840 U
PEST	ENDOSULFAN I	µg/Kg	21.0 U	25.0 U	26.0 U	23.0 U	22.0 U	26.0 U	25.0 U
PEST	ENDOSULFAN II	µg/Kg	**2.1** J	25.0 U	26.0 U	23.0 U	22.0 U	26.0 U	25.0 U
PEST	ENDOSULFAN SULFATE	µg/Kg	**3.1** J	25.0 U	26.0 U	23.0 U	22.0 U	26.0 U	25.0 U
PEST	ENDRIN	µg/kg	21.0 U	25.0 U	26.0 U	23.0 U	22.0 U	26.0 U	25.0 U
PEST	ENDRIN ALDEHYDE	µg/Kg	21.0 U	25.0 U	26.0 U	23.0 U	22.0 U	26.0 U	25.0 U
PEST	FAMPHUR	µg/Kg	700 UJ	810 UJ	850 UJ	750 UJ	730 UJ	850 UJ	840 UJ
PEST	GAMMA BHC (LINDANE)	µg/kg	**5.9** J	25.0 U	26.0 U	23.0 U	22.0 U	26.0 U	25.0 U
PEST	HEPTACHLOR	µg/kg	21.0 U	25.0 U	26.0 U	23.0 U	22.0 U	26.0 U	25.0 U
PEST	HEPTACHLOR EPOXIDE	µg/Kg	21.0 U	25.0 U	26.0 U	**1.1** J	22.0 U	26.0 U	25.0 U
PEST	KEPONE	µg/Kg	1,800 U	2,100 U	2,200 U	1,900 U	1,900 U	2,200 U	2,100 U
PEST	METHOXYCHLOR	µg/kg	53.0 U	61.0 U	65.0 U	57.0 U	55.0 U	64.0 U	**2.9** J
PEST	O,O,O-TRIETHYL PHOSPHOROTHIOATE	µg/Kg	350 U	410 U	430 U	380 U	370 U	430 U	420 U
PEST	O,O-DIETHYL O-2-PYRAZINYL PHOSPHOROTHIOATE (THIONAZIN)	µg/Kg	350 U	410 U	430 U	380 U	370 U	430 U	420 U
PEST	PARATHION, ETHYL (PARATHION)	µg/Kg	350 U	410 U	430 U	380 U	370 U	430 U	420 U
PEST	PARATHION, METHYL	µg/kg	700 U	810 U	850 U	750 U	730 U	850 U	840 U
PEST	PHORATE	µg/Kg	700 U	810 UJ	850 UJ	750 U	730 U	850 UJ	840 UJ
PEST	TETRAETHYL DITHIOPYROPHOSPHATE (SULFOTEPP)	µg/Kg	700 U	810 U	850 U	750 U	730 U	850 U	840 U
PEST	TOXAPHENE	µg/kg	180 U	210 U	220 U	200 U	190 U	220 U	210 U
SVOC	1,2,4,5-TETRACHLOROBENZENE	µg/kg	350 U	410 U	430 U	380 U	370 U	430 U	420 U
SVOC	1,3-DINITROBENZENE	µg/Kg	350 U	410 U	430 U	380 U	370 U	430 U	420 U
SVOC	1,4-DIOXANE	µg/kg	350 U	410 UJ	430 UJ	380 U	370 U	430 UJ	420 UJ
SVOC	1,4-NAPHTHOQUINONE	µg/Kg	700 U	810 UJ	850 UJ	750 U	730 U	850 UJ	840 UJ
SVOC	1-NAPHTHYLAMINE	µg/Kg	350 UJ	410 U	430 U	380 U	370 U	430 U	420 U
SVOC	2,2'-OXYBIS(1-CHLOROPROPANE)	µg/Kg	350 U	410 U	430 U	380 U	370 U	430 U	420 U
SVOC	2,3,4,6-TETRACHLOROPHENOL	µg/Kg	350 U	410 U	430 U	380 U	370 U	430 U	420 U
SVOC	2,4,5-TRICHLOROPHENOL	µg/kg	350 U	410 U	430 U	380 U	370 U	430 U	420 U
SVOC	2,4,6-TRICHLOROPHENOL	µg/kg	350 U	410 U	430 U	380 U	370 U	430 U	420 U
SVOC	2,4-DICHLOROPHENOL	µg/kg	350 U	410 U	430 U	380 U	370 U	430 U	420 U
SVOC	2,4-DIMETHYLPHENOL	µg/kg	350 U	410 U	430 U	380 U	370 U	430 U	420 U
SVOC	2,4-DINITROPHENOL	µg/Kg	1,800 U	2,100 UJ	2,200 UJ	1,900 U	1,900 U	2,200 UJ	2,100 UJ
SVOC	2,4-DINITROTOLUENE	µg/kg	350 U	410 U	430 U	380 U	370 U	430 U	420 U
SVOC	2,6-DICHLOROPHENOL	µg/Kg	350 U	410 U	430 U	380 U	370 U	430 U	420 U

J = Estimated value
U = Undetected
UJ = Undetected; Estimated detection limit
Bold = analyte detected

Table 2
Potential Constituents of Concern (PCOI) Soil Analytical Results
Dow Midland Representative Soils Project

			2808-2	2823-1	2823-2	3374-1	3374-2	3672-1	3672-2
			MidBlind_2808-2	MidBlind_2823-1	MidBlind_2823-2	MidBlind_3374-1	MidBlind_3374-2	MidBlind_3672-1	MidBlind_3672-2
			10/30/2006	11/13/2006	11/13/2006	10/30/2006	10/30/2006	11/13/2006	11/13/2006
		Sam	1-6	0-1	1-6	0-1	1-6	0-1	1-6
			Soil	Soil	Soil	Soil	Soil	Soil	Soil
Group	**Analyte**	**Units**							
SVOC	2,6-DINITROTOLUENE	µg/Kg	350 U	410 U	430 U	380 U	370 U	430 U	420 U
SVOC	2-Acetylaminofluorene	µg/Kg	350 U	410 U	430 U	380 U	370 U	430 U	420 U
SVOC	2-CHLORONAPHTHALENE	µg/kg	350 U	410 U	430 U	380 U	370 U	430 U	420 U
SVOC	2-CHLOROPHENOL	µg/kg	350 U	410 U	430 U	380 U	370 U	430 U	420 U
SVOC	2-METHYLNAPHTHALENE	µg/kg	350 U	410 U	430 U	380 U	370 U	430 U	420 U
SVOC	2-METHYLPHENOL (O-CRESOL)	µg/Kg	350 U	410 U	430 U	380 U	370 U	430 U	420 U
SVOC	2-NAPHTHYLAMINE	µg/Kg	350 U	410 U	430 U	380 U	370 U	430 U	420 U
SVOC	2-NITROANILINE	µg/Kg	1,800 U	2,100 U	2,200 U	1,900 U	1,900 U	2,200 U	2,100 U
SVOC	2-NITROPHENOL	µg/kg	350 U	410 U	430 U	380 U	370 U	430 U	420 U
SVOC	3 & 4-METHYLPHENOL (M,P-CRESOL)	µg/Kg	350 U	410 U	430 U	380 U	370 U	430 U	420 U
SVOC	3,3'-DICHLOROBENZIDINE	µg/kg	700 U	810 U	850 U	750 U	730 U	850 U	840 U
SVOC	3,3'-DIMETHYLBENZIDINE	µg/Kg	350 U	410 U	430 U	380 U	370 U	430 U	420 U
SVOC	3-METHYLCHOLANTHRENE	µg/Kg	350 U	410 U	430 U	380 U	370 U	430 U	420 U
SVOC	3-NITROANILINE	µg/Kg	1,800 U	2,100 U	2,200 U	1,900 U	1,900 U	2,200 U	2,100 U
SVOC	4,6-DINITRO-2-METHYLPHENOL	µg/kg	1,800 U	2,100 U	2,200 U	1,900 U	1,900 U	2,200 U	2,100 U
SVOC	4-AMINOBIPHENYL	µg/Kg	350 U	410 U	430 U	380 U	370 U	430 U	420 U
SVOC	4-BROMOPHENYL PHENYL ETHER	µg/Kg	350 U	410 U	430 U	380 U	370 U	430 U	420 U
SVOC	4-CHLORO-3-METHYLPHENOL	µg/kg	350 U	410 U	430 U	380 U	370 U	430 U	420 U
SVOC	4-CHLOROANILINE	µg/Kg	350 U	410 U	430 U	380 U	370 U	430 U	420 U
SVOC	4-CHLOROPHENYL PHENYL ETHER	µg/Kg	350 U	410 U	430 U	380 U	370 U	430 U	420 U
SVOC	4-NITROANILINE	µg/Kg	1,800 U	2,100 U	2,200 U	1,900 U	1,900 U	2,200 U	2,100 U
SVOC	4-NITROPHENOL	µg/Kg	1,800 U	2,100 U	2,200 U	1,900 U	1,900 U	2,200 U	2,100 U
SVOC	4-NITROQUINOLINE-1-OXIDE	µg/Kg	350 U	410 U	430 U	380 U	370 U	430 U	420 U
SVOC	5-NITRO-O-TOLUIDINE	µg/Kg	350 U	410 U	430 U	380 U	370 U	430 U	420 U
SVOC	7,12-DIMETHYLBENZ(A)ANTHRACENE	µg/Kg	350 U	410 U	430 U	380 U	370 U	430 U	420 U
SVOC	ACENAPHTHENE	µg/kg	350 UJ	410 U	430 U	380 UJ	370 UJ	430 U	420 U
SVOC	ACENAPHTHYLENE	µg/kg	350 U	410 U	430 U	380 U	370 U	430 U	420 U
SVOC	ACETOPHENONE	µg/kg	350 U	410 U	430 U	380 U	370 U	430 U	420 U
SVOC	ALPHA, ALPHA DIMETHYLPHENETHYLAMINE	µg/Kg	350 U	410 U	430 U	380 U	370 U	430 U	420 U
SVOC	ANILINE	µg/kg	350 U	410 U	430 U	380 U	370 U	430 U	420 U
SVOC	ANTHRACENE	µg/kg	**10.0** J	410 U	430 U	380 U	370 U	430 U	420 U
SVOC	ARAMITE (TOTAL)	µg/Kg	350 U	410 U	430 U	380 U	370 U	430 U	420 U
SVOC	BENZO(A)ANTHRACENE	µg/kg	350 U	410 U	430 U	380 U	370 U	430 U	420 U
SVOC	BENZO(A)PYRENE	µg/kg	**48.0** J	410 UJ	**18.0** J	**28.0** J	370 UJ	**78.0** J	**62.0** J
SVOC	BENZO(B)FLUORANTHENE	µg/kg	**100** J	**55.0** J	**44.0** J	**75.0** J	**60.0** J	**110** J	**110** J
SVOC	BENZO(G,H,I)PERYLENE	µg/kg	**160** J	**39.0** J	**42.0** J	**170** J	**150** J	**120** J	**87.0** J
SVOC	BENZO(K)FLUORANTHENE	µg/kg	350 UJ	410 U	430 U	**56.0** J	**51.0** J	**34.0** J	**28.0** J
SVOC	BENZYL ALCOHOL	µg/kg	350 U	410 U	430 U	380 U	370 U	430 U	420 U
SVOC	BENZYL BUTYL PHTHALATE	µg/kg	350 U	**22.0** J	430 UJ	380 U	370 U	430 U	420 U
SVOC	BIS(2-CHLOROETHOXY) METHANE	µg/Kg	350 U	410 U	430 U	380 U	370 U	430 U	420 U
SVOC	BIS(2-CHLOROETHYL) ETHER	µg/kg	350 U	410 U	430 U	380 U	370 U	430 U	420 U
SVOC	BIS(2-ETHYLHEXYL) PHTHALATE	µg/kg	350 U	**48.0** J	**63.0** J	**49.0** J	**44.0** J	**33.0** J	**38.0** J
SVOC	CHLOROBENZILATE	µg/Kg	350 U	410 U	430 U	380 U	370 U	430 U	420 U
SVOC	CHRYSENE	µg/kg	**68.0** J	410 U	430 U	**45.0** J	**38.0** J	**25.0** J	**25.0** J
SVOC	DI-N-BUTYL PHTHALATE	µg/kg	350 U	**9.2** J	430 U	380 U	**34.0** J	430 U	420 U
SVOC	DI-N-OCTYLPHTHALATE	µg/kg	350 UJ	410 UJ	430 UJ	380 U	370 U	430 U	420 U
SVOC	DIALLATE (TOTAL OF CIS AND TRANS ISOMERS)	µg/Kg	350 U	410 U	430 U	380 U	370 U	430 U	420 U
SVOC	DIBENZ(A,H)ANTHRACENE	µg/kg	350 U	410 U	430 U	380 U	370 U	430 U	420 U
SVOC	DIBENZOFURAN	µg/kg	350 U	410 U	430 U	380 U	370 U	430 U	420 U
SVOC	DIETHYL PHTHALATE	µg/kg	350 U	410 U	430 U	380 U	370 U	430 U	420 U
SVOC	DIMETHYL PHTHALATE	µg/kg	350 U	410 U	430 U	380 U	370 U	430 U	420 U
SVOC	DIPHENYLAMINE	µg/Kg	350 U	410 U	430 U	380 U	370 U	430 U	420 U
SVOC	ETHYL METHANESULFONATE	µg/Kg	350 U	410 U	430 U	380 U	370 U	430 U	420 U
SVOC	FLUORANTHENE	µg/kg	**100** J	**21.0** J	**22.0** J	**41.0** J	**31.0** J	**120** J	**77.0** J
SVOC	FLUORENE	µg/kg	350 U	410 U	430 U	380 U	370 U	430 U	420 U
SVOC	HEXACHLOROBENZENE	µg/kg	350 U	410 U	430 U	380 U	370 U	430 U	420 U
SVOC	HEXACHLOROBUTADIENE	µg/kg	350 U	410 U	430 U	380 U	370 U	430 U	420 U
SVOC	HEXACHLOROCYCLOPENTADIENE	µg/kg	350 U	410 U	430 U	380 U	370 U	430 U	420 U
SVOC	HEXACHLOROETHANE	µg/kg	350 U	410 U	430 U	380 U	370 U	430 U	420 U
SVOC	HEXACHLOROPHENE	µg/Kg	700 UJ	810 UJ	850 UJ	750 UJ	730 UJ	850 UJ	840 UJ
SVOC	HEXACHLOROPROPENE	µg/Kg	350 U	410 U	430 U	380 U	370 U	430 U	420 U
SVOC	INDENO(1,2,3-C,D)PYRENE	µg/kg	**77.0** J	410 UJ	430 UJ	**28.0** J	370 U	**85.0** J	420 UJ
SVOC	ISODRIN	µg/Kg	350 U	410 U	430 U	380 U	370 U	430 U	420 U
SVOC	ISOPHORONE	µg/kg	350 U	410 U	430 U	380 U	370 U	430 U	420 U
SVOC	ISOSAFROLE	µg/Kg	350 U	410 U	430 U	380 U	370 U	430 U	420 U
SVOC	METHAPYRILENE	µg/Kg	350 UJ	410 U	430 U	380 U	370 U	430 U	420 U
SVOC	METHYL METHANESULFONATE	µg/Kg	350 U	410 U	430 U	380 U	370 U	430 U	420 U
SVOC	N-NITROSO-DI-N-BUTYLAMINE	µg/Kg	350 U	410 U	430 U	380 U	370 U	430 U	420 U
SVOC	N-NITROSODI-N-PROPYLAMINE	µg/kg	350 U	410 U	430 U	380 U	370 U	430 U	420 U
SVOC	N-NITROSODIETHYLAMINE	µg/Kg	350 U	410 U	430 U	380 U	370 U	430 U	420 U
SVOC	N-NITROSODIMETHYLAMINE	µg/Kg	350 UJ	410 U	430 U	380 UJ	370 UJ	430 U	420 U

J = Estimated value
U = Undetected
UJ = Undetected; Estimated detection limit
Bold = analyte detected

Table 2
Potential Constituents of Concern (PCOI) Soil Analytical Results
Dow Midland Representative Soils Project

			2808-2	2823-1	2823-2	3374-1	3374-2	3672-1	3672-2
			MidBlind_2808-2	MidBlind_2823-1	MidBlind_2823-2	MidBlind_3374-1	MidBlind_3374-2	MidBlind_3672-1	MidBlind_3672-2
			10/30/2006	11/13/2006	11/13/2006	10/30/2006	10/30/2006	11/13/2006	11/13/2006
		Sam	1-6	0-1	1-6	0-1	1-6	0-1	1-6
			Soil	Soil	Soil	Soil	Soil	Soil	Soil
Group	**Analyte**	**Units**							
SVOC	N-NITROSODIPHENYLAMINE	µg/kg	350 UJ	410 U	430 U	380 U	370 U	430 U	420 U
SVOC	N-NITROSOMETHYLETHYLAMINE	µg/Kg	350 UJ	410 U	430 U	380 U	370 U	430 U	420 U
SVOC	N-NITROSOMORPHOLINE	µg/Kg	350 U	410 U	430 U	380 U	370 U	430 U	420 U
SVOC	N-NITROSOPIPERIDINE	µg/Kg	350 U	410 U	430 U	380 U	370 U	430 U	420 U
SVOC	N-NITROSOPYRROLIDINE	µg/Kg	350 U	410 U	430 U	380 U	370 U	430 U	420 U
SVOC	NAPHTHALENE	µg/kg	350 U	410 U	430 U	380 U	370 U	430 U	420 U
SVOC	NITROBENZENE	µg/kg	350 U	410 U	430 U	380 U	370 U	430 U	420 U
SVOC	O-TOLUIDINE	µg/Kg	350 U	410 U	430 U	380 U	370 U	430 U	420 U
SVOC	P-DIMETHYLAMINOAZOBENZENE	µg/Kg	350 U	410 U	430 U	380 U	370 U	430 U	420 U
SVOC	P-PHENYLENEDIAMINE	µg/Kg	350 U	410 UJ	430 UJ	380 U	370 U	430 UJ	420 UJ
SVOC	PENTACHLOROBENZENE	µg/kg	350 U	410 U	430 U	380 U	370 U	430 U	420 U
SVOC	PENTACHLORONITROBENZENE	µg/kg	350 U	410 U	430 U	380 U	370 U	430 U	420 U
SVOC	PENTACHLOROPHENOL	µg/kg	850 UJ	990 U	1,000 U	910 UJ	880 UJ	1,000 UJ	1,000 UJ
SVOC	PHENACETIN	µg/Kg	350 U	410 U	430 U	380 U	370 U	430 U	420 U
SVOC	PHENANTHRENE	µg/kg	**34.0** J	**15.0** J	**16.0** J	**20.0** J	**18.0** J	**44.0** J	**39.0** J
SVOC	PHENOL	µg/kg	350 UJ	410 U	430 U	380 UJ	370 UJ	430 U	420 U
SVOC	PRONAMIDE	µg/Kg	350 U	410 U	430 U	380 U	370 U	430 U	420 U
SVOC	PYRENE	µg/kg	**59.0** J	**35.0** J	**39.0** J	**45.0** J	**28.0** J	**120** J	**120** J
SVOC	PYRIDINE	µg/kg	350 UJ	410 U	430 U	380 UJ	370 UJ	430 U	420 U
SVOC	SAFROLE	µg/Kg	350 U	410 U	430 U	380 U	370 U	430 U	420 U
SVOC	SYM-TRINITROBENZENE	µg/Kg	350 U	410 U	430 U	380 U	370 U	430 U	420 U
VOC	1,1,1,2-TETRACHLOROETHANE	µg/kg	51.0 U	51.0 U	56.0 U	47.0 U	58.0 U	110 U	54.0 U
VOC	1,1,1-TRICHLOROETHANE	µg/kg	51.0 U	51.0 U	56.0 U	47.0 U	58.0 U	110 U	54.0 U
VOC	1,1,2,2-TETRACHLOROETHANE	µg/kg	51.0 U	51.0 U	56.0 U	47.0 U	58.0 U	110 U	54.0 U
VOC	1,1,2-TRICHLOROETHANE	µg/kg	51.0 U	51.0 U	56.0 U	47.0 U	58.0 U	110 U	54.0 U
VOC	1,1-DICHLOROETHANE	µg/kg	51.0 U	51.0 U	56.0 U	47.0 U	58.0 U	110 U	54.0 U
VOC	1,1-DICHLOROETHENE	µg/kg	51.0 U	51.0 U	56.0 U	47.0 U	58.0 U	110 U	54.0 U
VOC	1,2,3-TRICHLOROPROPANE	µg/kg	51.0 U	51.0 U	56.0 U	47.0 U	58.0 U	110 U	54.0 U
VOC	1,2-DIBROMOETHANE (EDB)	µg/kg	51.0 U	51.0 U	56.0 U	47.0 U	58.0 U	110 U	54.0 U
VOC	1,2-DICHLOROBENZENE	µg/kg	350 U	410 U	430 U	380 U	370 U	430 U	420 U
VOC	1,2-DICHLOROETHANE	µg/kg	51.0 U	51.0 U	56.0 U	47.0 U	58.0 U	110 U	54.0 U
VOC	1,2-DICHLOROPROPANE	µg/kg	51.0 U	51.0 U	56.0 U	47.0 U	58.0 U	110 U	54.0 U
VOC	1,3-DICHLOROBENZENE	µg/kg	350 U	410 U	430 U	380 U	370 U	430 U	420 U
VOC	1,4-DICHLOROBENZENE	µg/kg	350 UJ	410 U	430 U	380 UJ	370 UJ	430 U	420 U
VOC	2-HEXANONE	µg/kg	51.0 U	51.0 U	56.0 U	47.0 U	58.0 U	110 U	54.0 U
VOC	ACETONE	µg/kg	140 UJ	1,000 UJ	1,100 UJ	930 U	1,200 U	**630** J	1,100 U
VOC	ACETONITRILE	µg/kg	1,000 UJ	1,000 UJ	1,100 UJ	930 UJ	1,200 UJ	2,300 UJ	1,100 UJ
VOC	ACROLEIN	µg/kg	510 UJ	510 UJ	560 UJ	470 UJ	580 UJ	1,100 U	540 U
VOC	ACRYLONITRILE	µg/kg	510 U	510 U	560 U	470 U	580 U	1,100 U	540 U
VOC	ALLYL CHLORIDE (3-CHLOROPROPENE)	µg/Kg	100 U	100 U	110 U	93.0 U	120 U	230 U	110 U
VOC	BENZENE	µg/kg	51.0 U	51.0 U	56.0 U	47.0 U	58.0 U	110 U	54.0 U
VOC	BROMODICHLOROMETHANE	µg/kg	51.0 U	51.0 U	56.0 U	47.0 U	58.0 U	110 U	54.0 U
VOC	BROMOFORM	µg/kg	51.0 U	51.0 U	56.0 U	47.0 U	58.0 U	110 U	54.0 U
VOC	BROMOMETHANE	µg/kg	130 U	100 U	110 U	93.0 U	120 U	230 U	110 U
VOC	CARBON DISULFIDE	µg/kg	51.0 U	51.0 U	56.0 U	47.0 U	58.0 U	110 U	54.0 U
VOC	CARBON TETRACHLORIDE	µg/kg	51.0 U	51.0 U	56.0 U	47.0 U	58.0 U	110 U	54.0 U
VOC	CHLOROBENZENE	µg/kg	51.0 U	51.0 U	56.0 U	47.0 U	58.0 U	110 U	54.0 U
VOC	CHLOROETHANE	µg/kg	51.0 U	51.0 UJ	56.0 UJ	47.0 U	58.0 U	110 UJ	54.0 UJ
VOC	CHLOROFORM	µg/kg	51.0 U	51.0 U	56.0 U	47.0 U	58.0 U	110 U	54.0 U
VOC	CHLOROMETHANE	µg/kg	51.0 UJ	51.0 U	**110**	47.0 U	58.0 U	110 U	54.0 U
VOC	CHLOROPRENE (2-CHLORO-1,3-BUTADIENE)	µg/Kg	510 U	510 U	560 U	470 U	580 U	1,100 U	540 U
VOC	CIS-1,3-DICHLOROPROPENE	µg/Kg	51.0 U	51.0 U	56.0 U	47.0 U	58.0 U	110 U	54.0 U
VOC	DIBROMOCHLOROMETHANE	µg/kg	51.0 U	51.0 U	56.0 U	47.0 U	58.0 U	110 U	54.0 U
VOC	DIBROMOMETHANE	µg/kg	51.0 U	51.0 U	56.0 U	47.0 U	58.0 U	110 U	54.0 U
VOC	DICHLORODIFLUOROMETHANE	µg/kg	51.0 U	51.0 U	56.0 U	47.0 U	58.0 U	110 U	54.0 U
VOC	ETHYL BENZENE	µg/kg	51.0 U	51.0 U	56.0 U	47.0 UJ	58.0 UJ	110 U	54.0 U
VOC	ETHYL METHACRYLATE	µg/Kg	100 U	100 U	110 U	93.0 U	120 U	230 U	110 U
VOC	ISOBUTANOL	µg/kg	5,100 U	5,100 UJ	5,600 UJ	4,700 U	5,800 UJ	11,000 UJ	5,400 UJ
VOC	METHYL ETHYL KETONE (2-BUTANONE)	µg/kg	260 U	260 U	280 U	230 U	290 U	570 U	270 U
VOC	METHYL IODIDE (IODOMETHANE)	µg/Kg	210 U	51.0 U	56.0 U	47.0 UJ	58.0 UJ	110 U	54.0 U
VOC	METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	µg/kg	100 U	100 U	110 U	93.0 U	120 U	230 U	110 U
VOC	METHYL METHACRYLATE	µg/Kg	100 U	100 U	110 U	93.0 U	120 U	230 U	110 U
VOC	METHYLACRYLONITRILE	µg/Kg	260 U	260 U	280 U	230 U	290 U	570 U	270 U
VOC	METHYLENE CHLORIDE	µg/kg	260 U	260 U	280 U	230 U	290 U	570 U	270 U
VOC	PENTOCHLORETHANE	µg/Kg	350 U	410 U	430 U	380 U	370 U	430 U	420 U
VOC	PROPIONITRILE, ETHYL CYANIDE	µg/Kg	1,000 UJ	1,000 UJ	1,100 UJ	930 UJ	1,200 UJ	2,300 UJ	1,100 UJ
VOC	STYRENE	µg/kg	51.0 U	51.0 U	56.0 U	47.0 U	58.0 U	110 U	54.0 U
VOC	TETRACHLOROETHENE (PCE)	µg/kg	51.0 U	51.0 U	56.0 U	47.0 U	58.0 U	110 U	54.0 U
VOC	TOLUENE	µg/kg	51.0 UJ	51.0 U	**1,600**	47.0 UJ	**1,600** J	**1,500**	**720**
VOC	TRANS-1,2-DICHLOROETHENE	µg/kg	51.0 U	51.0 U	56.0 U	47.0 U	58.0 U	110 U	54.0 U
VOC	TRANS-1,3-DICHLOROPROPENE	µg/Kg	51.0 U	51.0 U	56.0 U	47.0 U	58.0 U	110 U	54.0 U
VOC	TRANS-1,4-DICHLORO-2-BUTENE	µg/Kg	51.0 U	51.0 U	56.0 U	47.0 U	58.0 U	110 U	54.0 U
VOC	TRICHLOROETHENE (TCE)	µg/kg	51.0 U	51.0 U	56.0 U	47.0 U	58.0 U	110 U	54.0 U
VOC	TRICHLOROFLUOROMETHANE	µg/kg	51.0 U	51.0 U	56.0 U	47.0 U	58.0 U	110 U	54.0 U
VOC	VINYL ACETATE	µg/kg	51.0 U	51.0 U	56.0 U	47.0 U	58.0 U	110 U	54.0 U
VOC	VINYL CHLORIDE	µg/kg	51.0 U	51.0 U	56.0 U	47.0 U	58.0 U	110 U	54.0 U
VOC	XYLENES, TOTAL	µg/kg	150 U	150 U	170 U	**190**	170 U	340 U	160 U

J = Estimated value
U = Undetected
UJ = Undetected; Estimated detection limit
Bold = analyte detected

Table 2
Potential Constituents of Concern (PCOI) Soil Analytical Results
Dow Midland Representative Soils Project

			4460-1	4460-2	4507-1	4507-2	4528-1	4528-2	4995-1
			MidBlind_4460-1	MidBlind_4460-2	MidBlind_4507-1	MidBlind_4507-2	MidBlind_4528-1	MidBlind_4528-2	MidBlind_4995-1
			10/30/2006	10/30/2006	11/13/2006	11/13/2006	11/13/2006	11/13/2006	10/30/2006
		Sam	0-1	1-6	0-1	1-6	0-1	1-6	0-1
			Soil	Soil	Soil	Soil	Soil	Soil	Soil
Group	**Analyte**	**Units**							
GEN	CYANIDE, TOTAL	µg/kg	**96.0** J	**47.0** J	**100** J	**89.0** J	110 U	110 U	120 U
GEN	SULFIDE	mg/Kg	96.0 U	93.0 U	94.0 U	94.0 U	88.0 U	88.0 U	92.0 U
GEN	TOTAL ORGANIC CARBON	mg/kg	**43,000**	**41,000**	**18,000**	**21,000**	**7,300**	**5,400**	**14,000**
HERB	2,4,5-T (TRICHLOROPHENOXYACETIC ACID)	µg/Kg	20.0 U	20.0 U	20.0 U	20.0 U	19.0 U	19.0 U	20.0 U
HERB	2,4-D (DICHLOROPHENOXYACETIC ACID)	µg/kg	20.0 U	20.0 U	20.0 U	20.0 U	19.0 U	19.0 U	20.0 U
HERB	DINOSEB	µg/kg	390 U	380 U	390 UJ	390 UJ	370 UJ	370 UJ	380 U
HERB	SILVEX (2,4,5-TP)	µg/kg	20.0 U	20.0 U	20.0 U	20.0 U	19.0 U	19.0 U	20.0 U
MET	ANTIMONY	µg/kg	**250** J	220 U	1,100 U	1,100 U	210 U	210 U	430 U
MET	ARSENIC	µg/kg	**7,900**	**12,000**	**2,100**	**2,200**	**2,900**	**2,000**	**1,800**
MET	BARIUM	µg/kg	**41,000**	**37,000**	**32,000**	**36,000**	**13,000**	**10,000**	**24,000**
MET	BERYLLIUM	µg/kg	**230** J	**190** J	**220** J	**280**	**73.0** J	**54.0** J	**170** J
MET	CADMIUM	µg/kg	**290**	**310**	200 U	250 U	**110** J	**88.0** J	**66.0** J
MET	CHROMIUM, TOTAL	µg/kg	**3,500**	**3,900**	**5,700**	**7,000**	**1,000**	**780**	**4,300**
MET	COBALT	µg/kg	**1,100**	**1,500**	**1,700**	**2,000**	**520**	**400** J	**1,400**
MET	COPPER	µg/kg	**17,000**	**22,000**	**6,900**	**7,800**	**9,100**	**7,100**	**8,500**
MET	LEAD	µg/kg	**120,000**	**75,000**	**15,000**	**17,000**	**7,000**	**4,700**	**7,900**
MET	MERCURY	µg/kg	**61.0**	**75.0**	**36.0**	**36.0**	7.8 U	5.7 U	**22.0**
MET	NICKEL	µg/kg	**4,400**	**7,600**	**4,800**	**5,700**	**1,700**	**1,800**	**4,000**
MET	SELENIUM	µg/kg	510 U	490 U	490 U	500 U	470 U	470 U	490 U
MET	SILVER	µg/kg	56.0 U	54.0 U	55.0 U	56.0 U	52.0 U	52.0 U	54.0 U
MET	THALLIUM	µg/kg	200 U	200 U	200 U	200 U	190 U	190 U	200 U
MET	TIN	mg/kg	**1.7** J	**30.0**	0.52 U	**3.7** J	0.5 U	0.5 U	0.52 U
MET	VANADIUM	µg/kg	**4,500**	**5,200**	**8,500**	**11,000**	**3,000**	**2,300**	**8,500**
MET	ZINC	µg/kg	**49,000**	**40,000**	26,000 U	27,000 U	**13,000**	**7,400**	**18,000**
PCB	PCB-1016 (AROCLOR 1016)	µg/Kg	79.0 U	380 U	39.0 U	39.0 U	36.0 U	36.0 U	76.0 U
PCB	PCB-1221 (AROCLOR 1221)	µg/Kg	79.0 U	380 U	39.0 U	39.0 U	36.0 U	36.0 U	76.0 U
PCB	PCB-1232 (AROCLOR 1232)	µg/Kg	79.0 U	380 U	39.0 U	39.0 U	36.0 U	36.0 U	76.0 U
PCB	PCB-1242 (AROCLOR 1242)	µg/Kg	79.0 U	380 U	39.0 U	39.0 U	36.0 U	36.0 U	76.0 U
PCB	PCB-1248 (AROCLOR 1248)	µg/Kg	79.0 U	380 U	39.0 U	39.0 U	36.0 U	36.0 U	76.0 U
PCB	PCB-1254 (AROCLOR 1254)	µg/Kg	79.0 U	380 U	39.0 U	39.0 U	36.0 U	36.0 U	76.0 U
PCB	PCB-1260 (AROCLOR 1260)	µg/Kg	79.0 U	380 U	39.0 U	39.0 U	36.0 U	36.0 U	76.0 U
PCB	PCB-1262 (AROCLOR 1262)	µg/Kg	79.0 U	380 U	39.0 U	39.0 U	36.0 U	36.0 U	76.0 U
PCB	PCB-1268 (AROCLOR 1268)	µg/Kg	79.0 U	380 U	39.0 U	39.0 U	36.0 U	36.0 U	76.0 U
PCB	SUMMED PCB	µg/Kg	**360**	1700	**170**	**170**	**160**	**160**	340
PEST	1,2-DIBROMO-3-CHLOROPROPANE	µg/kg	63.0 U	61.0 U	51.0 U	56.0 U	47.0 U	50.0 U	59.0 U
PEST	4,4'-DDD	µg/kg	48.0 U	**39.0** J	23.0 U	24.0 U	22.0 U	22.0 U	**7.0** J
PEST	4,4'-DDE	µg/kg	**18.0** J	**520**	**4.7** J	**4.8** J	22.0 U	22.0 U	**31.0** J
PEST	4,4'-DDT	µg/kg	48.0 U	**170** J	**4.1** J	**4.0** J	22.0 U	22.0 U	**4.2** J
PEST	ALDRIN	µg/kg	48.0 U	230 U	**0.8** J	**0.86** J	22.0 U	22.0 U	46.0 U
PEST	ALPHA BHC	µg/kg	48.0 U	230 U	23.0 U	24.0 U	22.0 U	22.0 U	46.0 U
PEST	BETA BHC	µg/kg	48.0 U	230 U	23.0 U	24.0 U	22.0 U	22.0 U	46.0 U
PEST	CHLORDANE	µg/kg	**300**	290 U	29.0 U	29.0 U	28.0 U	27.0 U	**150**
PEST	DELTA BHC	µg/Kg	48.0 U	230 U	23.0 U	24.0 U	22.0 U	22.0 U	46.0 U
PEST	DIELDRIN	µg/kg	**2.0** J	230 U	23.0 U	24.0 U	22.0 U	22.0 U	46.0 U
PEST	DIMETHOATE	µg/Kg	790 U	760 U	770 U	780 U	730 U	730 U	760 U
PEST	DISULFOTON	µg/Kg	790 U	760 U	770 U	780 U	730 U	730 U	760 U
PEST	ENDOSULFAN I	µg/Kg	48.0 U	230 U	23.0 U	24.0 U	22.0 U	22.0 U	46.0 U
PEST	ENDOSULFAN II	µg/Kg	**6.5** J	230 U	23.0 U	24.0 U	22.0 U	22.0 U	**1.5** J
PEST	ENDOSULFAN SULFATE	µg/Kg	**27.0** J	230 U	23.0 U	24.0 U	22.0 U	22.0 U	**19.0** J
PEST	ENDRIN	µg/kg	48.0 U	230 U	23.0 U	24.0 U	22.0 U	22.0 U	46.0 U
PEST	ENDRIN ALDEHYDE	µg/Kg	48.0 U	230 U	23.0 U	24.0 U	22.0 U	22.0 U	46.0 U
PEST	FAMPHUR	µg/Kg	790 UJ	760 UJ	770 UJ	780 UJ	730 UJ	730 UJ	760 UJ
PEST	GAMMA BHC (LINDANE)	µg/kg	48.0 U	230 U	23.0 U	24.0 U	22.0 U	22.0 U	46.0 U
PEST	HEPTACHLOR	µg/kg	48.0 U	230 U	23.0 U	24.0 U	22.0 U	22.0 U	46.0 U
PEST	HEPTACHLOR EPOXIDE	µg/kg	**8.1** J	230 U	23.0 U	24.0 U	22.0 U	22.0 U	**6.7** J
PEST	KEPONE	µg/Kg	2,000 U	1,900 U	2,000 U	2,000 U	1,900 U	1,900 U	1,900 U
PEST	METHOXYCHLOR	µg/kg	120 U	580 U	59.0 U	59.0 U	55.0 U	54.0 U	120 U
PEST	O,O,O-TRIETHYL PHOSPHOROTHIOATE	µg/Kg	390 U	380 U	390 U	390 U	370 U	370 U	380 U
PEST	O,O-DIETHYL O-2-PYRAZINYL PHOSPHOROTHIOATE (THIONAZIN)	µg/Kg	390 U	380 U	390 U	390 U	370 U	370 U	380 U
PEST	PARATHION, ETHYL (PARATHION)	µg/Kg	390 U	380 U	390 U	390 U	370 U	370 U	380 U
PEST	PARATHION, METHYL	µg/kg	790 U	760 U	770 U	780 U	730 U	730 U	760 U
PEST	PHORATE	µg/Kg	790 U	760 U	770 UJ	780 UJ	730 UJ	730 UJ	760 U
PEST	TETRAETHYL DITHIOPYROPHOSPHATE (SULFOTEPP)	µg/Kg	790 U	760 U	770 U	780 U	730 U	730 U	760 U
PEST	TOXAPHENE	µg/kg	410 U	2,000 U	200 U	200 U	190 U	190 U	390 U
SVOC	1,2,4,5-TETRACHLOROBENZENE	µg/kg	390 U	380 U	390 U	390 U	370 U	370 U	380 U
SVOC	1,3-DINITROBENZENE	µg/Kg	390 U	380 U	390 U	390 U	370 U	370 U	380 U
SVOC	1,4-DIOXANE	µg/kg	390 U	380 U	390 UJ	390 UJ	370 UJ	370 UJ	380 U
SVOC	1,4-NAPHTHOQUINONE	µg/Kg	790 U	760 U	770 UJ	780 UJ	730 UJ	730 UJ	760 U
SVOC	1-NAPHTHYLAMINE	µg/Kg	390 U	380 U	390 U	390 U	370 U	370 U	380 U
SVOC	2,2'-OXYBIS(1-CHLOROPROPANE)	µg/Kg	390 U	380 U	390 U	390 U	370 U	370 U	380 U
SVOC	2,3,4,6-TETRACHLOROPHENOL	µg/Kg	390 U	380 U	390 U	390 U	370 U	370 U	380 U
SVOC	2,4,5-TRICHLOROPHENOL	µg/kg	390 U	380 U	390 U	390 U	370 U	370 U	380 U
SVOC	2,4,6-TRICHLOROPHENOL	µg/kg	390 U	380 U	390 U	390 U	370 U	370 U	380 U
SVOC	2,4-DICHLOROPHENOL	µg/kg	390 U	380 U	390 U	390 U	370 U	370 U	380 U
SVOC	2,4-DIMETHYLPHENOL	µg/kg	390 U	380 U	390 U	390 U	370 U	370 U	380 U
SVOC	2,4-DINITROPHENOL	µg/Kg	2,000 U	1,900 U	2,000 UJ	2,000 UJ	1,900 UJ	1,900 UJ	1,900 U
SVOC	2,4-DINITROTOLUENE	µg/kg	390 U	380 U	390 U	390 U	370 U	370 U	380 U
SVOC	2,6-DICHLOROPHENOL	µg/Kg	390 U	380 U	390 U	390 U	370 U	370 U	380 U

J = Estimated value
U = Undetected
UJ = Undetected; Estimated detection limit
Bold = analyte detected

Table 2
Potential Constituents of Concern (PCOI) Soil Analytical Results
Dow Midland Representative Soils Project

			4460-1	4460-2	4507-1	4507-2	4528-1	4528-2	4995-1
			MidBlind_4460-1	MidBlind_4460-2	MidBlind_4507-1	MidBlind_4507-2	MidBlind_4528-1	MidBlind_4528-2	MidBlind_4995-1
			10/30/2006	10/30/2006	11/13/2006	11/13/2006	11/13/2006	11/13/2006	10/30/2006
		Sam	0-1	1-6	0-1	1-6	0-1	1-6	0-1
			Soil	Soil	Soil	Soil	Soil	Soil	Soil
Group	**Analyte**	**Units**							
SVOC	2,6-DINITROTOLUENE	µg/Kg	390 U	380 U	390 U	390 U	370 U	370 U	380 U
SVOC	2-Acetylaminofluorene	µg/Kg	390 U	380 U	390 U	390 U	370 U	370 U	380 U
SVOC	2-CHLORONAPHTHALENE	µg/kg	390 U	380 U	390 U	390 U	370 U	370 U	380 U
SVOC	2-CHLOROPHENOL	µg/kg	390 U	380 U	390 U	390 U	370 U	370 U	380 U
SVOC	2-METHYLNAPHTHALENE	µg/kg	**12.0** J	**16.0** J	390 U	390 U	370 U	370 U	**13.0** J
SVOC	2-METHYLPHENOL (O-CRESOL)	µg/Kg	390 U	380 U	390 U	390 U	370 U	370 U	380 U
SVOC	2-NAPHTHYLAMINE	µg/Kg	390 U	380 U	390 U	390 U	370 U	370 U	380 U
SVOC	2-NITROANILINE	µg/Kg	2,000 U	1,900 U	2,000 U	2,000 U	1,900 U	1,900 U	1,900 U
SVOC	2-NITROPHENOL	µg/kg	390 U	380 U	390 U	390 U	370 U	370 U	380 U
SVOC	3 & 4-METHYLPHENOL (M,P-CRESOL)	µg/Kg	390 U	380 U	390 U	390 U	370 U	370 U	380 U
SVOC	3,3'-DICHLOROBENZIDINE	µg/kg	790 U	760 U	770 U	780 U	730 U	730 U	760 U
SVOC	3,3'-DIMETHYLBENZIDINE	µg/Kg	390 U	380 U	390 U	390 U	370 U	370 U	380 U
SVOC	3-METHYLCHOLANTHRENE	µg/Kg	390 U	380 U	390 U	390 U	370 U	370 U	380 U
SVOC	3-NITROANILINE	µg/Kg	2,000 U	1,900 U	2,000 U	2,000 U	1,900 U	1,900 U	1,900 U
SVOC	4,6-DINITRO-2-METHYLPHENOL	µg/kg	2,000 U	1,900 U	2,000 U	2,000 U	1,900 U	1,900 U	1,900 U
SVOC	4-AMINOBIPHENYL	µg/Kg	390 U	380 U	390 U	390 U	370 U	370 U	380 U
SVOC	4-BROMOPHENYL PHENYL ETHER	µg/Kg	390 U	380 U	390 U	390 U	370 U	370 U	380 U
SVOC	4-CHLORO-3-METHYLPHENOL	µg/kg	390 U	380 U	390 U	390 U	370 U	370 U	380 U
SVOC	4-CHLOROANILINE	µg/Kg	390 U	380 U	390 U	390 U	370 U	370 U	380 U
SVOC	4-CHLOROPHENYL PHENYL ETHER	µg/Kg	390 U	380 U	390 U	390 U	370 U	370 U	380 U
SVOC	4-NITROANILINE	µg/Kg	2,000 U	1,900 U	2,000 U	2,000 U	1,900 U	1,900 U	1,900 U
SVOC	4-NITROPHENOL	µg/Kg	2,000 U	1,900 U	2,000 U	2,000 U	1,900 U	1,900 U	1,900 U
SVOC	4-NITROQUINOLINE-1-OXIDE	µg/Kg	390 U	380 U	390 U	390 U	370 U	370 U	380 U
SVOC	5-NITRO-O-TOLUIDINE	µg/Kg	390 U	380 U	390 U	390 U	370 U	370 U	380 U
SVOC	7,12-DIMETHYLBENZ(A)ANTHRACENE	µg/Kg	390 U	380 U	390 U	390 U	370 U	370 U	380 U
SVOC	ACENAPHTHENE	µg/kg	390 UJ	380 UJ	390 U	390 U	370 U	370 U	380 UJ
SVOC	ACENAPHTHYLENE	µg/kg	390 U	380 U	390 U	390 U	370 U	370 U	**130** J
SVOC	ACETOPHENONE	µg/kg	390 U	380 U	390 U	390 U	370 U	370 U	380 U
SVOC	ALPHA, ALPHA DIMETHYLPHENETHYLAMINE	µg/Kg	390 U	380 U	390 U	390 U	370 U	370 U	380 U
SVOC	ANILINE	µg/kg	390 U	380 U	390 U	390 U	370 U	370 U	380 U
SVOC	ANTHRACENE	µg/kg	**14.0** J	**23.0** J	**8.2** J	390 U	370 U	370 U	**65.0** J
SVOC	ARAMITE (TOTAL)	µg/Kg	390 U	380 U	390 U	390 U	370 U	370 U	380 U
SVOC	BENZO(A)ANTHRACENE	µg/kg	390 U	**160** J	390 U	390 U	370 U	370 U	380 U
SVOC	BENZO(A)PYRENE	µg/kg	390 UJ	**170** J	**40.0** J	**24.0** J	370 U	**9.8** J	**110** J
SVOC	BENZO(B)FLUORANTHENE	µg/kg	**170** J	**250** J	**69.0** J	**61.0** J	**34.0** J	**27.0** J	**110** J
SVOC	BENZO(G,H,I)PERYLENE	µg/kg	**210** J	**270** J	**51.0** J	**45.0** J	**39.0** J	**35.0** J	**240** J
SVOC	BENZO(K)FLUORANTHENE	µg/kg	**92.0** J	**140** J	**27.0** J	**14.0** J	370 U	370 U	**69.0** J
SVOC	BENZYL ALCOHOL	µg/kg	390 U	380 U	390 U	390 U	370 U	370 U	380 U
SVOC	BENZYL BUTYL PHTHALATE	µg/kg	390 U	380 U	**11.0** J	390 U	370 U	370 U	**9.6** J
SVOC	BIS(2-CHLOROETHOXY) METHANE	µg/kg	390 U	380 U	390 U	390 U	370 U	370 U	380 U
SVOC	BIS(2-CHLOROETHYL) ETHER	µg/kg	390 U	380 U	390 U	390 U	370 U	370 U	380 U
SVOC	BIS(2-ETHYLHEXYL) PHTHALATE	µg/kg	**49.0** J	**62.0** J	**97.0** J	**86.0** J	370 U	370 U	380 U
SVOC	CHLOROBENZILATE	µg/Kg	390 U	380 U	390 U	390 U	370 U	370 U	380 U
SVOC	CHRYSENE	µg/kg	**110** J	**180** J	390 U	390 U	370 U	370 U	**170** J
SVOC	DI-N-BUTYL PHTHALATE	µg/kg	390 U	**11.0** J	390 U	390 U	370 U	370 U	380 U
SVOC	DI-N-OCTYLPHTHALATE	µg/kg	390 U	380 U	390 UJ	390 UJ	370 U	370 U	380 UJ
SVOC	DIALLATE (TOTAL OF CIS AND TRANS ISOMERS)	µg/Kg	390 U	380 U	390 U	390 U	370 U	370 U	380 U
SVOC	DIBENZ(A,H)ANTHRACENE	µg/kg	**44.0** J	**66.0** J	390 U	390 U	370 U	370 U	**72.0** J
SVOC	DIBENZOFURAN	µg/kg	390 U	380 U	390 U	390 U	370 U	370 U	**8.5** J
SVOC	DIETHYL PHTHALATE	µg/kg	390 U	380 U	390 U	390 U	370 U	370 U	380 U
SVOC	DIMETHYL PHTHALATE	µg/kg	390 U	380 U	390 U	390 U	370 U	370 U	380 U
SVOC	DIPHENYLAMINE	µg/Kg	390 U	380 U	390 U	390 U	370 U	370 U	380 U
SVOC	ETHYL METHANESULFONATE	µg/Kg	390 U	380 U	390 U	390 U	370 U	370 U	380 U
SVOC	FLUORANTHENE	µg/kg	**140** J	**220** J	**70.0** J	**38.0** J	**15.0** J	**14.0** J	**120** J
SVOC	FLUORENE	µg/kg	390 U	380 U	390 U	390 U	370 U	370 U	**24.0** J
SVOC	HEXACHLOROBENZENE	µg/kg	390 U	380 U	390 U	390 U	370 U	370 U	380 U
SVOC	HEXACHLOROBUTADIENE	µg/kg	390 U	380 U	390 U	390 U	370 U	370 U	380 U
SVOC	HEXACHLOROCYCLOPENTADIENE	µg/kg	390 U	380 U	390 U	390 U	370 U	370 U	380 U
SVOC	HEXACHLOROETHANE	µg/kg	390 U	380 U	390 U	390 U	370 U	370 U	380 U
SVOC	HEXACHLOROPHENE	µg/Kg	790 UJ	760 UJ	770 UJ	780 UJ	730 UJ	730 UJ	760 UJ
SVOC	HEXACHLOROPROPENE	µg/Kg	390 U	380 U	390 U	390 U	370 U	370 U	380 U
SVOC	INDENO(1,2,3-C,D)PYRENE	µg/kg	**71.0** J	**130** J	390 UJ	390 UJ	370 UJ	370 UJ	**81.0** J
SVOC	ISODRIN	µg/Kg	390 U	380 U	390 U	390 U	370 U	370 U	380 U
SVOC	ISOPHORONE	µg/kg	390 U	380 U	390 U	390 U	370 U	370 U	380 U
SVOC	ISOSAFROLE	µg/Kg	390 U	380 U	390 U	390 U	370 U	370 U	380 U
SVOC	METHAPYRILENE	µg/Kg	390 U	380 U	390 U	390 U	370 U	370 U	380 U
SVOC	METHYL METHANESULFONATE	µg/Kg	390 U	380 U	390 U	390 U	370 U	370 U	380 U
SVOC	N-NITROSO-DI-N-BUTYLAMINE	µg/Kg	390 U	380 U	390 U	390 U	370 U	370 U	380 U
SVOC	N-NITROSODI-N-PROPYLAMINE	µg/kg	390 U	380 U	390 U	390 U	370 U	370 U	380 U
SVOC	N-NITROSODIETHYLAMINE	µg/Kg	390 U	380 U	390 U	390 U	370 U	370 U	380 U
SVOC	N-NITROSODIMETHYLAMINE	µg/Kg	390 UJ	380 UJ	390 U	390 U	370 U	370 U	380 UJ

J = Estimated value
U = Undetected
UJ = Undetected; Estimated detection limit
Bold = analyte detected

Table 2
Potential Constituents of Concern (PCOI) Soil Analytical Results
Dow Midland Representative Soils Project

			4460-1	4460-2	4507-1	4507-2	4528-1	4528-2	4995-1
			MidBlind_4460-1	MidBlind_4460-2	MidBlind_4507-1	MidBlind_4507-2	MidBlind_4528-1	MidBlind_4528-2	MidBlind_4995-1
			10/30/2006	10/30/2006	11/13/2006	11/13/2006	11/13/2006	11/13/2006	10/30/2006
		Sam	0-1	1-6	0-1	1-6	0-1	1-6	0-1
			Soil	Soil	Soil	Soil	Soil	Soil	Soil
Group	**Analyte**	**Units**							
SVOC	N-NITROSODIPHENYLAMINE	µg/kg	390 U	380 U	390 U	390 U	370 U	370 U	380 UJ
SVOC	N-NITROSOMETHYLETHYLAMINE	µg/Kg	390 U	380 U	390 U	390 U	370 U	370 U	380 UJ
SVOC	N-NITROSOMORPHOLINE	µg/Kg	390 U	380 U	390 U	390 U	370 U	370 U	380 U
SVOC	N-NITROSOPIPERIDINE	µg/Kg	390 U	380 U	390 U	390 U	370 U	370 U	380 U
SVOC	N-NITROSOPYRROLIDINE	µg/Kg	390 U	380 U	390 U	390 U	370 U	370 U	380 U
SVOC	NAPHTHALENE	µg/kg	390 U	380 U	390 U	390 U	370 U	370 U	380 U
SVOC	NITROBENZENE	µg/kg	390 U	380 U	390 U	390 U	370 U	370 U	380 U
SVOC	O-TOLUIDINE	µg/Kg	390 U	380 U	390 U	390 U	370 U	370 U	380 U
SVOC	P-DIMETHYLAMINOAZOBENZENE	µg/Kg	390 U	380 U	390 U	390 U	370 U	370 U	380 U
SVOC	P-PHENYLENEDIAMINE	µg/Kg	390 U	380 U	390 UJ	390 UJ	370 UJ	370 UJ	380 U
SVOC	PENTACHLOROBENZENE	µg/kg	390 U	380 U	390 U	390 U	370 U	370 U	380 U
SVOC	PENTACHLORONITROBENZENE	µg/kg	390 U	380 U	390 U	390 U	370 U	370 U	380 U
SVOC	PENTACHLOROPHENOL	µg/kg	950 UJ	920 UJ	930 U	940 U	890 UJ	880 UJ	920 UJ
SVOC	PHENACETIN	µg/Kg	390 U	380 U	390 U	390 U	370 U	370 U	380 U
SVOC	PHENANTHRENE	µg/kg	**62.0** J	**84.0** J	**52.0** J	**18.0** J	370 U	370 U	**110** J
SVOC	PHENOL	µg/kg	390 UJ	380 UJ	390 U	390 U	370 U	370 U	380 UJ
SVOC	PRONAMIDE	µg/Kg	390 U	380 U	390 U	390 U	370 U	370 U	380 U
SVOC	PYRENE	µg/kg	**150** J	**290** J	**110** J	**60.0** J	**19.0** J	**24.0** J	**230** J
SVOC	PYRIDINE	µg/kg	390 UJ	380 UJ	390 U	390 U	370 U	370 U	380 UJ
SVOC	SAFROLE	µg/Kg	390 U	380 U	390 U	390 U	370 U	370 U	380 U
SVOC	SYM-TRINITROBENZENE	µg/Kg	390 U	380 U	390 U	390 U	370 U	370 U	380 U
VOC	1,1,1,2-TETRACHLOROETHANE	µg/kg	63.0 U	61.0 U	51.0 U	56.0 U	47.0 U	50.0 U	59.0 U
VOC	1,1,1-TRICHLOROETHANE	µg/kg	63.0 U	61.0 U	51.0 U	56.0 U	47.0 U	50.0 U	59.0 U
VOC	1,1,2,2-TETRACHLOROETHANE	µg/kg	63.0 U	61.0 U	51.0 U	56.0 U	47.0 U	50.0 U	59.0 U
VOC	1,1,2-TRICHLOROETHANE	µg/kg	63.0 U	61.0 U	51.0 U	56.0 U	47.0 U	50.0 U	59.0 U
VOC	1,1-DICHLOROETHANE	µg/kg	63.0 U	61.0 U	51.0 U	56.0 U	47.0 U	50.0 U	59.0 U
VOC	1,1-DICHLOROETHENE	µg/kg	63.0 U	61.0 U	51.0 U	56.0 U	47.0 U	50.0 U	59.0 U
VOC	1,2,3-TRICHLOROPROPANE	µg/kg	63.0 U	61.0 U	51.0 U	56.0 U	47.0 U	50.0 U	59.0 U
VOC	1,2-DIBROMOETHANE (EDB)	µg/kg	63.0 U	61.0 U	51.0 U	56.0 U	47.0 U	50.0 U	59.0 U
VOC	1,2-DICHLOROBENZENE	µg/kg	390 U	380 U	390 U	390 U	370 U	370 U	380 U
VOC	1,2-DICHLOROETHANE	µg/kg	63.0 U	61.0 U	51.0 U	56.0 U	47.0 U	50.0 U	59.0 U
VOC	1,2-DICHLOROPROPANE	µg/kg	63.0 U	61.0 U	51.0 U	56.0 U	47.0 U	50.0 U	59.0 U
VOC	1,3-DICHLOROBENZENE	µg/kg	390 U	380 U	390 U	390 U	370 U	370 U	380 U
VOC	1,4-DICHLOROBENZENE	µg/kg	390 UJ	380 UJ	390 U	390 U	370 U	370 U	380 UJ
VOC	2-HEXANONE	µg/kg	63.0 U	61.0 U	51.0 U	56.0 U	47.0 U	50.0 U	59.0 U
VOC	ACETONE	µg/kg	1,300 U	1,200 U	1,000 UJ	1,100 UJ	950 UJ	990 UJ	130 UJ
VOC	ACETONITRILE	µg/kg	1,300 UJ	1,200 UJ	1,000 UJ	1,100 UJ	950 UJ	990 UJ	1,200 UJ
VOC	ACROLEIN	µg/kg	630 UJ	610 UJ	510 UJ	560 UJ	470 U	500 U	590 UJ
VOC	ACRYLONITRILE	µg/kg	630 U	610 U	510 U	560 U	470 U	500 U	590 U
VOC	ALLYL CHLORIDE (3-CHLOROPROPENE)	µg/Kg	130 U	120 U	100 U	110 U	95.0 U	99.0 U	120 U
VOC	BENZENE	µg/kg	63.0 U	61.0 U	51.0 U	56.0 U	47.0 U	50.0 U	59.0 U
VOC	BROMODICHLOROMETHANE	µg/kg	63.0 U	61.0 U	51.0 U	56.0 U	47.0 U	50.0 U	59.0 U
VOC	BROMOFORM	µg/kg	63.0 U	61.0 U	51.0 U	56.0 U	47.0 U	50.0 U	59.0 U
VOC	BROMOMETHANE	µg/kg	130 U	160 U	100 U	110 U	95.0 U	99.0 U	120 U
VOC	CARBON DISULFIDE	µg/kg	63.0 U	61.0 U	51.0 U	56.0 U	47.0 U	50.0 U	59.0 U
VOC	CARBON TETRACHLORIDE	µg/kg	63.0 U	61.0 U	51.0 U	56.0 U	47.0 U	50.0 U	59.0 U
VOC	CHLOROBENZENE	µg/kg	63.0 U	61.0 U	51.0 U	56.0 U	47.0 U	50.0 U	59.0 U
VOC	CHLOROETHANE	µg/kg	63.0 U	61.0 U	51.0 UJ	56.0 UJ	47.0 UJ	50.0 UJ	59.0 U
VOC	CHLOROFORM	µg/kg	63.0 U	61.0 U	51.0 U	56.0 U	47.0 U	50.0 U	59.0 U
VOC	CHLOROMETHANE	µg/kg	63.0 U	61.0 U	51.0 U	56.0 U	47.0 U	50.0 U	59.0 UJ
VOC	CHLOROPRENE (2-CHLORO-1,3-BUTADIENE)	µg/Kg	630 U	610 U	510 U	560 U	470 U	500 U	590 U
VOC	CIS-1,3-DICHLOROPROPENE	µg/Kg	63.0 U	61.0 U	51.0 U	56.0 U	47.0 U	50.0 U	59.0 U
VOC	DIBROMOCHLOROMETHANE	µg/kg	63.0 U	61.0 U	51.0 U	56.0 U	47.0 U	50.0 U	59.0 U
VOC	DIBROMOMETHANE	µg/kg	63.0 U	61.0 U	51.0 U	56.0 U	47.0 U	50.0 U	59.0 U
VOC	DICHLORODIFLUOROMETHANE	µg/kg	63.0 U	61.0 U	51.0 U	56.0 U	47.0 UJ	50.0 UJ	59.0 U
VOC	ETHYL BENZENE	µg/kg	63.0 UJ	61.0 UJ	51.0 U	56.0 U	47.0 U	50.0 U	59.0 U
VOC	ETHYL METHACRYLATE	µg/Kg	63.0 U	120 U	100 U	110 U	95.0 U	99.0 U	120 U
VOC	ISOBUTANOL	µg/kg	6,300 UJ	6,100 UJ	5,100 UJ	5,600 UJ	4,700 UJ	5,000 UJ	5,900 U
VOC	METHYL ETHYL KETONE (2-BUTANONE)	µg/kg	310 U	310 U	260 U	280 U	240 U	250 U	300 U
VOC	METHYL IODIDE (IODOMETHANE)	µg/Kg	63.0 UJ	61.0 UJ	51.0 U	56.0 U	47.0 U	50.0 U	210 UJ
VOC	METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	µg/kg	130 U	120 U	100 U	110 U	95.0 U	99.0 U	120 U
VOC	METHYL METHACRYLATE	µg/Kg	130 U	120 U	100 U	110 U	95.0 U	99.0 U	120 U
VOC	METHYLACRYLONITRILE	µg/Kg	310 U	310 U	260 U	280 U	240 UJ	250 UJ	300 U
VOC	METHYLENE CHLORIDE	µg/kg	310 U	310 U	260 U	280 U	240 U	250 U	**460**
VOC	PENTOCHLORETHANE	µg/Kg	390 U	380 U	390 U	390 U	370 U	370 U	380 U
VOC	PROPIONITRILE, ETHYL CYANIDE	µg/Kg	1,300 UJ	1,200 UJ	1,000 UJ	1,100 UJ	**510** J	990 UJ	1,200 UJ
VOC	STYRENE	µg/kg	63.0 U	61.0 U	51.0 U	56.0 U	47.0 U	50.0 U	59.0 U
VOC	TETRACHLOROETHENE (PCE)	µg/kg	63.0 U	61.0 U	51.0 U	56.0 U	47.0 U	50.0 U	59.0 U
VOC	TOLUENE	µg/kg	63.0 UJ	61.0 UJ	51.0 U	**4,300**	**160**	**7,000**	**5,500** J
VOC	TRANS-1,2-DICHLOROETHENE	µg/kg	63.0 U	61.0 U	51.0 U	56.0 U	47.0 U	50.0 U	59.0 U
VOC	TRANS-1,3-DICHLOROPROPENE	µg/Kg	63.0 U	61.0 U	51.0 U	56.0 U	47.0 U	50.0 U	59.0 U
VOC	TRANS-1,4-DICHLORO-2-BUTENE	µg/Kg	63.0 U	61.0 U	51.0 U	56.0 U	47.0 U	50.0 U	59.0 U
VOC	TRICHLOROETHENE (TCE)	µg/kg	63.0 U	61.0 U	51.0 U	56.0 U	47.0 U	50.0 U	59.0 U
VOC	TRICHLOROFLUOROMETHANE	µg/kg	63.0 U	61.0 U	51.0 U	56.0 U	47.0 U	50.0 U	59.0 U
VOC	VINYL ACETATE	µg/kg	63.0 U	61.0 U	51.0 U	56.0 U	47.0 U	50.0 U	59.0 U
VOC	VINYL CHLORIDE	µg/kg	63.0 U	61.0 U	51.0 U	56.0 U	47.0 U	50.0 U	59.0 U
VOC	XYLENES, TOTAL	µg/kg	**330**	**340**	150 U	170 U	140 U	150 U	180 U

J = Estimated value
U = Undetected
UJ = Undetected; Estimated detection limit
Bold = analyte detected

Table 2
Potential Constituents of Concern (PCOI) Soil Analytical Results
Dow Midland Representative Soils Project

			4995-2	5338-1	5338-2	5583-1	5583-2	5620-1-C	5620-1
			MidBlind_4995-2	MidBlind_5338-1	MidBlind_5338-2	MidBlind_5583-1	MidBlind_5583-2	MidBlind_5620-1-C	MidBlind_5620-1
			10/30/2006	10/30/2006	10/30/2006	11/13/2006	11/13/2006	11/13/2006	11/13/2006
		Sam	1-6	0-1	1-6	0-1	1-6	0-1	0-1
			Soil	Soil	Soil	Soil	Soil	Soil	Soil
Group	**Analyte**	**Units**							
GEN	CYANIDE, TOTAL	µg/kg	**42.0** J	**98.0** J	**130**	**310**	**140** J	**79.0** J	**91.0** J
GEN	SULFIDE	mg/Kg	230 U	98.0 U	96.0 U	100 U	96.0 U	97.0 U	97.0 U
GEN	TOTAL ORGANIC CARBON	mg/kg	**12,000**	**23,000**	**25,000**	**32,000**	**2,300**	**35,000**	**39,000**
HERB	2,4,5-T (TRICHLOROPHENOXYACETIC ACID)	µg/Kg	47.0 U	21.0 U	20.0 U	21.0 U	20.0 U	21.0 U	21.0 U
HERB	2,4-D (DICHLOROPHENOXYACETIC ACID)	µg/kg	47.0 U	21.0 UJ	20.0 UJ	21.0 U	20.0 U	21.0 U	21.0 U
HERB	DINOSEB	µg/kg	920 U	400 U	400 U	420 UJ	400 UJ	390 U	400 U
HERB	SILVEX (2,4,5-TP)	µg/kg	47.0 U	21.0 U	20.0 U	21.0 U	20.0 U	21.0 U	21.0 U
MET	ANTIMONY	µg/kg	540 U	**4,500**	230 U	830 U	440 U	1,100 U	980 U
MET	ARSENIC	µg/kg	**3,200**	**4,800**	**5,700**	**3,500**	**5,300**	**11,000**	**12,000**
MET	BARIUM	µg/kg	**65,000**	**53,000**	**51,000**	**46,000**	**42,000**	**76,000**	**84,000**
MET	BERYLLIUM	µg/kg	**490** J	**280**	**300**	**420**	**360**	**490**	**490**
MET	CADMIUM	µg/kg	35.0 U	**220** J	**220** J	**120** J	**110** J	750 U	950 U
MET	CHROMIUM, TOTAL	µg/kg	**18,000**	**6,800**	**6,600**	**11,000**	**9,100**	**4,700**	**4,600**
MET	COBALT	µg/kg	**3,600**	**3,100**	**3,200**	**5,100**	**4,500**	**2,600**	**2,500**
MET	COPPER	µg/kg	**37,000**	**24,000**	**13,000**	**15,000**	**14,000**	**25,000**	**27,000**
MET	LEAD	µg/kg	**23,000**	**670,000**	**45,000**	**13,000**	**13,000**	**150,000**	**210,000**
MET	MERCURY	µg/kg	**58.0**	**52.0**	**57.0**	**32.0**	13.0 U	**110**	**93.0**
MET	NICKEL	µg/kg	**13,000**	**8,000**	**8,900**	**14,000**	**12,000**	**7,100**	**7,100**
MET	SELENIUM	µg/kg	1,200 U	520 U	510 U	540 U	510 U	510 U	510 U
MET	SILVER	µg/kg	130 U	58.0 U	56.0 U	60.0 U	57.0 U	57.0 U	57.0 U
MET	THALLIUM	µg/kg	480 U	210 U	200 U	220 U	200 U	210 U	210 U
MET	TIN	mg/kg	1.3 U	**160**	**0.54** J	0.57 U	0.54 U	**1.8** J	**1.6** J
MET	VANADIUM	µg/kg	**21,000**	**11,000**	**11,000**	**18,000**	**17,000**	**12,000**	**11,000**
MET	ZINC	µg/kg	**57,000**	**67,000**	**55,000**	**41,000**	**36,000**	**140,000**	**180,000**
PCB	PCB-1016 (AROCLOR 1016)	µg/Kg	92.0 U	40.0 U	40.0 U	42.0 U	40.0 U	400 U	400 U
PCB	PCB-1221 (AROCLOR 1221)	µg/Kg	92.0 U	40.0 U	40.0 U	42.0 U	40.0 U	400 U	400 U
PCB	PCB-1232 (AROCLOR 1232)	µg/Kg	92.0 U	40.0 U	40.0 U	42.0 U	40.0 U	400 U	400 U
PCB	PCB-1242 (AROCLOR 1242)	µg/Kg	92.0 U	40.0 U	40.0 U	42.0 U	40.0 U	400 U	400 U
PCB	PCB-1248 (AROCLOR 1248)	µg/Kg	92.0 U	40.0 U	40.0 U	42.0 U	40.0 U	400 U	400 U
PCB	PCB-1254 (AROCLOR 1254)	µg/Kg	92.0 U	40.0 U	40.0 U	42.0 U	40.0 U	400 U	400 U
PCB	PCB-1260 (AROCLOR 1260)	µg/Kg	92.0 U	40.0 U	40.0 U	42.0 U	40.0 U	400 U	400 U
PCB	PCB-1262 (AROCLOR 1262)	µg/Kg	92.0 U	40.0 U	40.0 U	42.0 U	40.0 U	400 U	400 U
PCB	PCB-1268 (AROCLOR 1268)	µg/Kg	92.0 U	40.0 U	40.0 U	42.0 U	40.0 U	400 U	400 U
PCB	SUMMED PCB	µg/Kg	**410**	**180**	**180**	**190**	**180**	1800	1800
PEST	1,2-DIBROMO-3-CHLOROPROPANE	µg/kg	150 U	63.0 U	48.0 U	56.0 U	45.0 U	56.0 U	51.0 U
PEST	4,4'-DDD	µg/kg	**3.0** J	**3.1** J	**1.6** J	25.0 U	**1.2** J	**72.0** J	**58.0** J
PEST	4,4'-DDE	µg/kg	**82.0** J	**18.0** J	**24.0**	**2.4** J	**4.6** J	**540**	**430**
PEST	4,4'-DDT	µg/kg	**14.0** J	**10.0** J	**12.0** J	25.0 U	24.0 U	**580**	**450**
PEST	ALDRIN	µg/kg	56.0 U	24.0 U	24.0 U	25.0 U	24.0 U	240 U	240 U
PEST	ALPHA BHC	µg/kg	56.0 U	24.0 U	24.0 U	25.0 U	24.0 U	240 U	240 U
PEST	BETA BHC	µg/kg	56.0 U	24.0 U	24.0 U	25.0 U	24.0 U	240 U	240 U
PEST	CHLORDANE	µg/kg	**300**	30.0 U	30.0 U	31.0 U	30.0 U	300 U	300 U
PEST	DELTA BHC	µg/kg	56.0 U	24.0 U	24.0 U	25.0 U	24.0 U	240 U	240 U
PEST	DIELDRIN	µg/kg	56.0 U	**7.2** J	**7.3** J	25.0 U	24.0 U	240 U	240 U
PEST	DIMETHOATE	µg/Kg	1,800 U	800 U	790 U	840 U	800 U	780 U	800 U
PEST	DISULFOTON	µg/Kg	1,800 U	800 U	790 U	840 U	800 U	780 U	800 U
PEST	ENDOSULFAN I	µg/Kg	56.0 U	24.0 U	24.0 U	25.0 U	24.0 U	240 U	240 U
PEST	ENDOSULFAN II	µg/Kg	**2.3** J	24.0 U	24.0 U	25.0 U	24.0 U	240 U	240 U
PEST	ENDOSULFAN SULFATE	µg/Kg	**47.0** J	24.0 U	24.0 U	25.0 U	24.0 U	240 U	240 U
PEST	ENDRIN	µg/kg	56.0 U	24.0 U	24.0 U	25.0 U	24.0 U	240 U	240 U
PEST	ENDRIN ALDEHYDE	µg/Kg	**9.9** J	24.0 U	24.0 U	25.0 U	24.0 U	240 U	240 U
PEST	FAMPHUR	µg/Kg	1,800 UJ	800 UJ	790 UJ	840 UJ	800 UJ	780 UJ	800 UJ
PEST	GAMMA BHC (LINDANE)	µg/kg	56.0 U	24.0 U	24.0 U	25.0 U	24.0 U	240 U	240 U
PEST	HEPTACHLOR	µg/kg	56.0 U	24.0 U	24.0 U	25.0 U	24.0 U	240 U	240 U
PEST	HEPTACHLOR EPOXIDE	µg/kg	**27.0** J	**2.2** J	**1.6** J	25.0 U	24.0 U	240 U	240 U
PEST	KEPONE	µg/Kg	4,700 U	2,000 U	2,000 U	2,100 U	2,000 U	2,000 U	2,000 U
PEST	METHOXYCHLOR	µg/kg	140 U	61.0 U	60.0 U	63.0 U	60.0 U	**19.0** J	600 U
PEST	O,O,O-TRIETHYL PHOSPHOROTHIOATE	µg/Kg	920 U	400 U	400 U	420 U	400 U	390 U	400 U
PEST	O,O-DIETHYL O-2-PYRAZINYL PHOSPHOROTHIOATE (THIONAZIN)	µg/Kg	920 U	400 U	400 U	420 U	400 U	390 U	400 U
PEST	PARATHION, ETHYL (PARATHION)	µg/Kg	920 U	400 U	400 U	420 U	400 U	390 U	400 U
PEST	PARATHION, METHYL	µg/kg	1,800 U	800 U	790 U	840 U	800 U	780 U	800 U
PEST	PHORATE	µg/Kg	1,800 U	800 U	790 U	840 UJ	800 UJ	780 U	800 U
PEST	TETRAETHYL DITHIOPYROPHOSPHATE (SULFOTEPP)	µg/Kg	1,800 U	800 U	790 U	840 U	800 U	780 U	800 U
PEST	TOXAPHENE	µg/kg	480 U	210 U	210 U	210 U	200 U	2,100 U	2,000 U
SVOC	1,2,4,5-TETRACHLOROBENZENE	µg/kg	920 U	400 U	400 U	420 U	400 U	390 U	400 U
SVOC	1,3-DINITROBENZENE	µg/Kg	920 U	400 U	400 U	420 U	400 U	390 U	400 U
SVOC	1,4-DIOXANE	µg/kg	920 U	400 U	400 U	420 UJ	400 UJ	390 U	400 U
SVOC	1,4-NAPHTHOQUINONE	µg/Kg	1,800 U	800 U	790 U	840 UJ	800 UJ	780 U	800 U
SVOC	1-NAPHTHYLAMINE	µg/Kg	920 U	400 UJ	400 U	420 U	400 U	390 U	400 U
SVOC	2,2'-OXYBIS(1-CHLOROPROPANE)	µg/Kg	920 U	400 U	400 U	420 U	400 U	390 U	400 U
SVOC	2,3,4,6-TETRACHLOROPHENOL	µg/kg	920 U	400 U	400 U	420 U	400 U	390 U	400 U
SVOC	2,4,5-TRICHLOROPHENOL	µg/kg	920 U	400 U	400 U	420 U	400 U	390 U	400 U
SVOC	2,4,6-TRICHLOROPHENOL	µg/kg	920 U	400 U	400 U	420 U	400 U	390 UJ	400 UJ
SVOC	2,4-DICHLOROPHENOL	µg/kg	920 U	400 U	400 U	420 U	400 U	390 UJ	400 UJ
SVOC	2,4-DIMETHYLPHENOL	µg/kg	920 U	400 U	400 U	420 U	400 U	390 U	400 U
SVOC	2,4-DINITROPHENOL	µg/Kg	4,700 U	2,000 U	2,000 U	2,100 UJ	2,000 UJ	2,000 U	2,000 U
SVOC	2,4-DINITROTOLUENE	µg/kg	920 U	400 U	400 U	420 U	400 U	390 U	400 U
SVOC	2,6-DICHLOROPHENOL	µg/Kg	920 U	400 U	400 U	420 U	400 U	390 U	400 U

J = Estimated value
U = Undetected
UJ = Undetected; Estimated detection limit
Bold = analyte detected

Table 2
Potential Constituents of Concern (PCOI) Soil Analytical Results
Dow Midland Representative Soils Project

			4995-2	5338-1	5338-2	5583-1	5583-2	5620-1-C	5620-1
			MidBlind_4995-2	MidBlind_5338-1	MidBlind_5338-2	MidBlind_5583-1	MidBlind_5583-2	MidBlind_5620-1-C	MidBlind_5620-1
			10/30/2006	10/30/2006	10/30/2006	11/13/2006	11/13/2006	11/13/2006	11/13/2006
		Sam	1-6	0-1	1-6	0-1	1-6	0-1	0-1
			Soil	Soil	Soil	Soil	Soil	Soil	Soil
Group	**Analyte**	**Units**							
SVOC	2,6-DINITROTOLUENE	µg/Kg	920 U	400 U	400 U	420 U	400 U	390 U	400 U
SVOC	2-Acetylaminofluorene	µg/Kg	920 U	400 U	400 U	420 U	400 U	390 U	400 U
SVOC	2-CHLORONAPHTHALENE	µg/kg	920 U	400 U	400 U	420 U	400 U	390 U	400 U
SVOC	2-CHLOROPHENOL	µg/kg	920 U	400 U	400 U	420 U	400 U	390 U	400 U
SVOC	2-METHYLNAPHTHALENE	µg/kg	**77.0** J	400 U	400 U	420 U	400 U	**27.0** J	**25.0** J
SVOC	2-METHYLPHENOL (O-CRESOL)	µg/Kg	920 U	400 U	400 U	420 U	400 U	390 U	400 U
SVOC	2-NAPHTHYLAMINE	µg/Kg	920 U	400 U	400 U	420 U	400 U	390 U	400 U
SVOC	2-NITROANILINE	µg/Kg	4,700 U	2,000 U	2,000 U	2,100 U	2,000 U	2,000 U	2,000 U
SVOC	2-NITROPHENOL	µg/kg	920 U	400 U	400 U	420 U	400 U	390 U	400 U
SVOC	3 & 4-METHYLPHENOL (M,P-CRESOL)	µg/Kg	920 U	400 U	400 U	420 U	400 U	390 U	400 U
SVOC	3,3'-DICHLOROBENZIDINE	µg/kg	1,800 U	800 U	790 U	840 U	800 U	780 U	800 U
SVOC	3,3'-DIMETHYLBENZIDINE	µg/Kg	920 U	400 U	400 U	420 U	400 U	390 U	400 U
SVOC	3-METHYLCHOLANTHRENE	µg/Kg	920 U	400 U	400 U	420 U	400 U	390 U	400 U
SVOC	3-NITROANILINE	µg/Kg	4,700 U	2,000 U	2,000 U	2,100 U	2,000 U	2,000 U	2,000 U
SVOC	4,6-DINITRO-2-METHYLPHENOL	µg/kg	4,700 U	2,000 U	2,000 U	2,100 U	2,000 U	2,000 U	2,000 U
SVOC	4-AMINOBIPHENYL	µg/Kg	920 U	400 U	400 U	420 U	400 U	390 U	400 U
SVOC	4-BROMOPHENYL PHENYL ETHER	µg/Kg	920 U	400 U	400 U	420 U	400 U	390 U	400 U
SVOC	4-CHLORO-3-METHYLPHENOL	µg/kg	920 U	400 U	400 U	420 U	400 U	390 U	400 U
SVOC	4-CHLOROANILINE	µg/Kg	920 U	400 U	400 U	420 U	400 U	390 U	400 U
SVOC	4-CHLOROPHENYL PHENYL ETHER	µg/Kg	920 U	400 U	400 U	420 U	400 U	390 U	400 U
SVOC	4-NITROANILINE	µg/Kg	4,700 U	2,000 U	2,000 U	2,100 U	2,000 U	2,000 U	2,000 U
SVOC	4-NITROPHENOL	µg/Kg	4,700 U	2,000 U	2,000 U	2,100 U	2,000 U	2,000 U	2,000 U
SVOC	4-NITROQUINOLINE-1-OXIDE	µg/Kg	920 U	400 U	400 U	420 U	400 U	390 UJ	400 UJ
SVOC	5-NITRO-O-TOLUIDINE	µg/Kg	920 U	400 U	400 U	420 U	400 U	390 U	400 U
SVOC	7,12-DIMETHYLBENZ(A)ANTHRACENE	µg/Kg	920 U	400 U	400 U	420 U	400 U	390 U	400 U
SVOC	ACENAPHTHENE	µg/kg	920 UJ	400 UJ	400 UJ	420 U	400 U	390 U	400 U
SVOC	ACENAPHTHYLENE	µg/kg	**850** J	400 U	400 U	420 U	400 U	390 U	400 U
SVOC	ACETOPHENONE	µg/kg	920 U	400 U	400 U	420 U	400 U	390 U	400 U
SVOC	ALPHA, ALPHA DIMETHYLPHENETHYLAMINE	µg/Kg	920 U	400 U	400 U	420 U	400 U	390 U	400 U
SVOC	ANILINE	µg/kg	920 U	400 U	400 U	420 U	400 U	390 U	400 U
SVOC	ANTHRACENE	µg/kg	**420** J	400 U	400 U	**31.0** J	**12.0** J	**27.0** J	**41.0** J
SVOC	ARAMITE (TOTAL)	µg/Kg	920 U	400 U	400 U	420 U	400 U	390 U	400 U
SVOC	BENZO(A)ANTHRACENE	µg/kg	920 U	400 U	400 U	420 U	400 U	**170** J	**210** J
SVOC	BENZO(A)PYRENE	µg/kg	**380** J	400 UJ	400 UJ	**170** J	**98.0** J	**180** J	**250** J
SVOC	BENZO(B)FLUORANTHENE	µg/kg	**450** J	**130** J	**110** J	**210** J	**130** J	**240** J	**270** J
SVOC	BENZO(G,H,I)PERYLENE	µg/kg	**860** J	**210** J	**200** J	**210** J	**110** J	**220** J	**280** J
SVOC	BENZO(K)FLUORANTHENE	µg/kg	**220** J	**73.0** J	**66.0** J	**60.0** J	**58.0** J	**90.0** J	**120** J
SVOC	BENZYL ALCOHOL	µg/kg	920 U	400 U	400 U	420 U	400 U	390 U	400 U
SVOC	BENZYL BUTYL PHTHALATE	µg/kg	920 U	**13.0** J	**19.0** J	420 U	400 U	**78.0** J	400 U
SVOC	BIS(2-CHLOROETHOXY) METHANE	µg/kg	920 U	400 U	400 U	420 U	400 U	390 U	400 U
SVOC	BIS(2-CHLOROETHYL) ETHER	µg/kg	920 U	400 U	400 U	420 U	400 U	390 U	400 U
SVOC	BIS(2-ETHYLHEXYL) PHTHALATE	µg/kg	920 U	400 U	400 U	420 U	400 U	**110** J	**120** J
SVOC	CHLOROBENZILATE	µg/Kg	920 U	400 U	400 U	420 U	400 U	390 U	400 U
SVOC	CHRYSENE	µg/kg	**930**	**83.0** J	**74.0** J	**120** J	**50.0** J	**170** J	**250** J
SVOC	DI-N-BUTYL PHTHALATE	µg/kg	920 U	400 U	400 U	420 U	400 U	**17.0** J	**12.0** J
SVOC	DI-N-OCTYLPHTHALATE	µg/kg	920 UJ	400 UJ	400 UJ	420 U	400 U	390 UJ	400 UJ
SVOC	DIALLATE (TOTAL OF CIS AND TRANS ISOMERS)	µg/Kg	920 U	400 U	400 U	420 U	400 U	390 U	400 U
SVOC	DIBENZ(A,H)ANTHRACENE	µg/kg	**260** J	**38.0** J	**40.0** J	**47.0** J	400 U	**88.0** J	400 U
SVOC	DIBENZOFURAN	µg/kg	**49.0** J	400 U	400 U	420 U	400 U	**13.0** J	**16.0** J
SVOC	DIETHYL PHTHALATE	µg/kg	920 U	400 U	400 U	420 U	400 U	390 U	400 U
SVOC	DIMETHYL PHTHALATE	µg/kg	920 U	400 U	400 U	420 U	400 U	390 U	400 U
SVOC	DIPHENYLAMINE	µg/Kg	920 U	400 U	400 U	420 U	400 U	390 U	400 U
SVOC	ETHYL METHANESULFONATE	µg/Kg	920 U	400 U	400 U	420 U	400 U	390 UJ	400 UJ
SVOC	FLUORANTHENE	µg/kg	**570** J	**110** J	**73.0** J	**250** J	**130** J	**340** J	**460**
SVOC	FLUORENE	µg/kg	**170** J	400 U	400 U	420 U	400 U	390 U	400 U
SVOC	HEXACHLOROBENZENE	µg/kg	920 U	400 U	400 U	420 U	**54.0** J	390 U	400 U
SVOC	HEXACHLOROBUTADIENE	µg/kg	920 U	400 U	400 U	420 U	400 U	390 U	400 U
SVOC	HEXACHLOROCYCLOPENTADIENE	µg/kg	920 U	400 U	400 U	420 U	400 U	390 U	400 U
SVOC	HEXACHLOROETHANE	µg/kg	920 U	400 U	400 U	420 U	400 U	390 U	400 U
SVOC	HEXACHLOROPHENE	µg/Kg	1,800 UJ	800 UJ	790 UJ	840 UJ	800 UJ	780 UJ	800 UJ
SVOC	HEXACHLOROPROPENE	µg/Kg	920 U	400 U	400 U	420 U	400 U	390 U	400 U
SVOC	INDENO(1,2,3-C,D)PYRENE	µg/kg	**430** J	**63.0** J	**61.0** J	**200** J	**53.0** J	**280** J	**410**
SVOC	ISODRIN	µg/Kg	920 U	400 U	400 U	420 U	400 U	390 U	400 U
SVOC	ISOPHORONE	µg/kg	920 U	400 U	400 U	420 U	400 U	390 U	400 U
SVOC	ISOSAFROLE	µg/Kg	920 U	400 U	400 U	420 U	400 U	390 U	400 U
SVOC	METHAPYRILENE	µg/Kg	920 U	400 UJ	400 U	420 U	400 U	390 U	400 U
SVOC	METHYL METHANESULFONATE	µg/Kg	920 U	400 U	400 U	420 U	400 U	390 U	400 U
SVOC	N-NITROSO-DI-N-BUTYLAMINE	µg/Kg	920 U	400 U	400 U	420 U	400 U	390 U	400 U
SVOC	N-NITROSODI-N-PROPYLAMINE	µg/kg	920 U	400 U	400 U	420 U	400 U	390 U	400 U
SVOC	N-NITROSODIETHYLAMINE	µg/Kg	920 U	400 U	400 U	420 U	400 U	390 UJ	400 UJ
SVOC	N-NITROSODIMETHYLAMINE	µg/Kg	920 UJ	400 UJ	400 UJ	420 U	400 U	390 U	400 U

J = Estimated value
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Potential Constituents of Concern (PCOI) Soil Analytical Results
Dow Midland Representative Soils Project

			4995-2	5338-1	5338-2	5583-1	5583-2	5620-1-C	5620-1
			MidBlind_4995-2	MidBlind_5338-1	MidBlind_5338-2	MidBlind_5583-1	MidBlind_5583-2	MidBlind_5620-1-C	MidBlind_5620-1
			10/30/2006	10/30/2006	10/30/2006	11/13/2006	11/13/2006	11/13/2006	11/13/2006
		Sam	1-6	0-1	1-6	0-1	1-6	0-1	0-1
			Soil	Soil	Soil	Soil	Soil	Soil	Soil
Group	**Analyte**	**Units**							
SVOC	N-NITROSODIPHENYLAMINE	µg/kg	920 UJ	400 UJ	400 UJ	420 U	400 U	390 U	400 U
SVOC	N-NITROSOMETHYLETHYLAMINE	µg/Kg	920 UJ	400 UJ	400 UJ	420 U	400 U	390 U	400 U
SVOC	N-NITROSOMORPHOLINE	µg/Kg	920 U	400 U	400 U	420 U	400 U	390 U	400 U
SVOC	N-NITROSOPIPERIDINE	µg/Kg	920 U	400 U	400 U	420 U	400 U	390 U	400 U
SVOC	N-NITROSOPYRROLIDINE	µg/Kg	920 U	400 U	400 U	420 U	400 U	390 U	400 U
SVOC	NAPHTHALENE	µg/kg	**87.0** J	400 U	400 U	420 U	400 U	390 U	400 U
SVOC	NITROBENZENE	µg/kg	920 U	400 U	400 U	420 U	400 U	390 U	400 U
SVOC	O-TOLUIDINE	µg/Kg	920 U	400 U	400 U	420 U	400 U	390 U	400 U
SVOC	P-DIMETHYLAMINOAZOBENZENE	µg/Kg	920 U	400 U	400 U	420 U	400 U	390 U	400 U
SVOC	P-PHENYLENEDIAMINE	µg/Kg	920 U	400 U	400 U	420 UJ	400 UJ	390 UJ	400 UJ
SVOC	PENTACHLOROBENZENE	µg/kg	920 U	400 U	400 U	420 U	400 U	390 U	400 U
SVOC	PENTACHLORONITROBENZENE	µg/kg	920 U	400 U	400 U	420 U	400 U	390 U	400 U
SVOC	PENTACHLOROPHENOL	µg/kg	2,200 UJ	970 UJ	960 UJ	1,000 UJ	960 UJ	950 UJ	970 UJ
SVOC	PHENACETIN	µg/Kg	920 U	400 U	400 U	420 U	400 U	390 U	400 U
SVOC	PHENANTHRENE	µg/kg	**420** J	**41.0** J	**34.0** J	**78.0** J	**52.0** J	**210** J	**270** J
SVOC	PHENOL	µg/kg	920 UJ	400 UJ	400 UJ	420 U	400 U	390 U	400 U
SVOC	PRONAMIDE	µg/Kg	920 U	400 U	400 U	420 U	400 U	390 U	400 U
SVOC	PYRENE	µg/kg	**1,200**	**100** J	**75.0** J	**290** J	**180** J	**280** J	**370** J
SVOC	PYRIDINE	µg/kg	920 UJ	400 UJ	400 UJ	420 U	400 U	390 U	400 U
SVOC	SAFROLE	µg/Kg	920 U	400 U	400 U	420 U	400 U	390 U	400 U
SVOC	SYM-TRINITROBENZENE	µg/Kg	920 U	400 U	400 U	420 U	400 U	390 U	400 U
VOC	1,1,1,2-TETRACHLOROETHANE	µg/kg	150 U	63.0 U	48.0 U	56.0 U	45.0 U	56.0 U	51.0 U
VOC	1,1,1-TRICHLOROETHANE	µg/kg	150 U	63.0 U	48.0 U	56.0 U	45.0 U	56.0 U	51.0 U
VOC	1,1,2,2-TETRACHLOROETHANE	µg/kg	150 U	63.0 U	48.0 U	56.0 U	45.0 U	56.0 U	51.0 U
VOC	1,1,2-TRICHLOROETHANE	µg/kg	150 U	63.0 U	48.0 U	56.0 U	45.0 U	56.0 U	51.0 U
VOC	1,1-DICHLOROETHANE	µg/kg	150 U	63.0 U	48.0 U	56.0 U	45.0 U	56.0 U	51.0 U
VOC	1,1-DICHLOROETHENE	µg/kg	150 U	63.0 U	48.0 U	56.0 U	45.0 U	56.0 U	51.0 U
VOC	1,2,3-TRICHLOROPROPANE	µg/kg	150 U	63.0 U	48.0 U	56.0 U	45.0 U	56.0 U	51.0 U
VOC	1,2-DIBROMOETHANE (EDB)	µg/kg	150 U	63.0 U	48.0 U	56.0 U	45.0 U	56.0 U	51.0 U
VOC	1,2-DICHLOROBENZENE	µg/kg	920 U	400 U	400 U	420 U	400 U	390 U	400 U
VOC	1,2-DICHLOROETHANE	µg/kg	150 U	63.0 U	48.0 U	56.0 U	45.0 U	56.0 U	51.0 U
VOC	1,2-DICHLOROPROPANE	µg/kg	150 U	63.0 U	48.0 U	56.0 U	45.0 U	56.0 U	51.0 U
VOC	1,3-DICHLOROBENZENE	µg/kg	920 U	400 U	400 U	420 U	400 U	390 U	400 U
VOC	1,4-DICHLOROBENZENE	µg/kg	920 UJ	400 UJ	400 UJ	420 U	400 U	390 U	400 U
VOC	2-HEXANONE	µg/kg	150 U	63.0 U	48.0 U	56.0 U	45.0 U	56.0 U	51.0 U
VOC	ACETONE	µg/kg	370 UJ	**160** J	960 UJ	1,100 UJ	900 U	1,100 UJ	1,000 UJ
VOC	ACETONITRILE	µg/kg	3,100 UJ	1,300 UJ	960 UJ	1,100 UJ	900 UJ	1,100 UJ	1,000 UJ
VOC	ACROLEIN	µg/kg	1,500 UJ	630 UJ	480 UJ	560 U	450 U	560 UJ	510 UJ
VOC	ACRYLONITRILE	µg/kg	1,500 U	630 U	480 U	560 U	450 U	560 U	510 U
VOC	ALLYL CHLORIDE (3-CHLOROPROPENE)	µg/Kg	310 U	130 U	96.0 U	110 U	90.0 U	110 U	100 U
VOC	BENZENE	µg/kg	150 U	63.0 U	48.0 U	56.0 U	45.0 U	56.0 U	51.0 U
VOC	BROMODICHLOROMETHANE	µg/kg	150 U	63.0 U	48.0 U	56.0 U	45.0 U	56.0 U	51.0 U
VOC	BROMOFORM	µg/kg	150 U	63.0 U	48.0 U	56.0 U	45.0 U	56.0 U	51.0 U
VOC	BROMOMETHANE	µg/kg	370 U	130 U	96.0 U	110 U	90.0 U	110 U	100 U
VOC	CARBON DISULFIDE	µg/kg	150 U	63.0 U	48.0 U	56.0 U	45.0 U	56.0 U	51.0 U
VOC	CARBON TETRACHLORIDE	µg/kg	150 U	63.0 U	48.0 U	56.0 U	45.0 U	56.0 U	51.0 U
VOC	CHLOROBENZENE	µg/kg	150 U	63.0 U	48.0 U	56.0 U	45.0 U	56.0 U	51.0 U
VOC	CHLOROETHANE	µg/kg	150 U	63.0 U	48.0 U	56.0 UJ	45.0 UJ	56.0 UJ	51.0 UJ
VOC	CHLOROFORM	µg/kg	150 U	63.0 U	48.0 U	56.0 U	45.0 U	56.0 U	51.0 U
VOC	CHLOROMETHANE	µg/kg	150 UJ	63.0 UJ	48.0 UJ	56.0 U	45.0 U	56.0 U	51.0 U
VOC	CHLOROPRENE (2-CHLORO-1,3-BUTADIENE)	µg/Kg	1,500 U	630 U	480 U	560 U	450 U	560 U	510 U
VOC	CIS-1,3-DICHLOROPROPENE	µg/Kg	150 U	63.0 U	48.0 U	56.0 U	45.0 U	56.0 U	51.0 U
VOC	DIBROMOCHLOROMETHANE	µg/kg	150 U	63.0 U	48.0 U	56.0 U	45.0 U	56.0 U	51.0 U
VOC	DIBROMOMETHANE	µg/kg	150 U	63.0 U	48.0 U	56.0 U	45.0 U	56.0 U	51.0 U
VOC	DICHLORODIFLUOROMETHANE	µg/kg	150 U	63.0 U	48.0 U	56.0 UJ	45.0 U	56.0 U	51.0 U
VOC	ETHYL BENZENE	µg/kg	150 U	63.0 U	48.0 U	56.0 U	45.0 U	56.0 U	51.0 U
VOC	ETHYL METHACRYLATE	µg/Kg	310 U	130 U	96.0 U	110 U	90.0 U	110 U	100 U
VOC	ISOBUTANOL	µg/kg	15,000 U	6,300 U	4,800 U	5,600 UJ	4,500 UJ	5,600 UJ	5,100 UJ
VOC	METHYL ETHYL KETONE (2-BUTANONE)	µg/kg	760 U	310 U	240 U	280 U	220 U	280 U	260 U
VOC	METHYL IODIDE (IODOMETHANE)	µg/Kg	540 UJ	220 UJ	48.0 UJ	56.0 U	45.0 U	56.0 U	51.0 U
VOC	METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	µg/kg	310 U	130 U	96.0 U	110 U	90.0 U	110 U	100 U
VOC	METHYL METHACRYLATE	µg/Kg	310 U	130 U	96.0 U	110 U	90.0 U	110 U	100 U
VOC	METHYLACRYLONITRILE	µg/Kg	760 U	310 U	240 U	280 UJ	220 U	280 U	260 U
VOC	METHYLENE CHLORIDE	µg/kg	760 U	310 U	240 U	280 U	220 U	280 U	260 U
VOC	PENTOCHLORETHANE	µg/Kg	920 U	400 U	400 U	420 U	400 U	390 U	400 U
VOC	PROPIONITRILE, ETHYL CYANIDE	µg/Kg	3,100 UJ	1,300 UJ	960 UJ	1,100 UJ	900 UJ	1,100 UJ	1,000 UJ
VOC	STYRENE	µg/kg	150 U	63.0 U	48.0 U	56.0 U	45.0 U	56.0 U	51.0 U
VOC	TETRACHLOROETHENE (PCE)	µg/kg	150 U	63.0 U	48.0 U	56.0 U	45.0 U	56.0 U	51.0 U
VOC	TOLUENE	µg/kg	**4,700** J	82.0 UJ	48.0 UJ	56.0 U	**72.0**	56.0 U	51.0 U
VOC	TRANS-1,2-DICHLOROETHENE	µg/kg	150 U	63.0 U	48.0 U	56.0 U	45.0 U	56.0 U	51.0 U
VOC	TRANS-1,3-DICHLOROPROPENE	µg/Kg	150 U	63.0 U	48.0 U	56.0 U	45.0 U	56.0 U	51.0 U
VOC	TRANS-1,4-DICHLORO-2-BUTENE	µg/Kg	150 U	63.0 U	48.0 U	56.0 U	45.0 U	56.0 U	51.0 U
VOC	TRICHLOROETHENE (TCE)	µg/kg	150 U	63.0 U	48.0 U	56.0 U	45.0 U	56.0 U	51.0 U
VOC	TRICHLOROFLUOROMETHANE	µg/kg	150 U	63.0 U	48.0 U	56.0 U	45.0 U	56.0 U	51.0 U
VOC	VINYL ACETATE	µg/kg	150 U	63.0 U	48.0 U	56.0 U	45.0 U	56.0 U	51.0 U
VOC	VINYL CHLORIDE	µg/kg	150 U	63.0 U	48.0 U	56.0 U	45.0 U	56.0 U	51.0 U
VOC	XYLENES, TOTAL	µg/kg	460 U	190 U	140 U	170 U	130 U	170 U	**34.0** J

J = Estimated value
U = Undetected
UJ = Undetected; Estimated detection limit
Bold = analyte detected

Table 2
Potential Constituents of Concern (PCOI) Soil Analytical Results
Dow Midland Representative Soils Project

			5620-2-C	5620-2	5685-1	5685-2	574-1	574-2	6676-1
			MidBlind_5620-2-C	MidBlind_5620-2	MidBlind_5685-1	MidBlind_5685-2	MidBlind_574-1	MidBlind_574-2	MidBlind_6676-1
			11/13/2006	11/13/2006	11/13/2006	11/13/2006	11/13/2006	11/13/2006	10/30/2006
		Sam	1-6	1-6	0-1	1-6	0-1	1-6	0-1
			Soil	Soil	Soil	Soil	Soil	Soil	Soil
Group	**Analyte**	**Units**							
GEN	CYANIDE, TOTAL	µg/kg	**77.0** J	**260**	**58.0** J	600 U	**240**	590 U	**130**
GEN	SULFIDE	mg/Kg	95.0 U	96.0 U	**100**	95.0 U	97.0 U	95.0 U	97.0 U
GEN	TOTAL ORGANIC CARBON	mg/kg	**47,000**	**39,000**	**30,000**	**27,000**	**30,000**	**28,000**	**20,000**
HERB	2,4,5-T (TRICHLOROPHENOXYACETIC ACID)	µg/Kg	20.0 U	20.0 U	22.0 U	20.0 U	21.0 U	20.0 U	21.0 U
HERB	2,4-D (DICHLOROPHENOXYACETIC ACID)	µg/kg	20.0 U	20.0 U	22.0 U	**8.4** J	**84.0**	**72.0**	21.0 U
HERB	DINOSEB	µg/kg	390 U	400 U	420 U	390 UJ	400 U	390 UJ	400 U
HERB	SILVEX (2,4,5-TP)	µg/kg	20.0 U	20.0 U	22.0 U	20.0 U	21.0 U	20.0 U	21.0 U
MET	ANTIMONY	µg/kg	1,500 U	1,200 U	820 U	490 U	**1,300** J	980 U	230 U
MET	ARSENIC	µg/kg	**13,000**	**13,000**	**3,500**	**4,700**	**7,400**	**8,500**	**1,500**
MET	BARIUM	µg/kg	**70,000**	**100,000**	**34,000**	**37,000**	**38,000**	**58,000**	**31,000**
MET	BERYLLIUM	µg/kg	**540**	**450**	**250** J	**330**	**370**	**340**	**240** J
MET	CADMIUM	µg/kg	860 U	890 U	**270**	**290**	**330**	**300**	**110** J
MET	CHROMIUM, TOTAL	µg/kg	**3,900**	**4,400**	**5,700**	**6,800**	**20,000**	**19,000**	**8,700**
MET	COBALT	µg/kg	**2,500**	**2,200**	**1,900**	**2,600**	**3,500**	**4,300**	**2,200**
MET	COPPER	µg/kg	**29,000**	**30,000**	**13,000**	**15,000**	**16,000**	**15,000**	**7,400**
MET	LEAD	µg/kg	**130,000**	**180,000**	**41,000**	**44,000**	**34,000**	**34,000**	**16,000**
MET	MERCURY	µg/kg	**100**	**97.0**	**39.0**	**46.0**	**66.0**	**68.0**	**29.0**
MET	NICKEL	µg/kg	**7,500**	**6,600**	**6,200**	**7,800**	**10,000**	**10,000**	**6,100**
MET	SELENIUM	µg/kg	500 U	510 U	540 U	500 U	510 U	500 U	510 U
MET	SILVER	µg/kg	55.0 U	56.0 U	60.0 U	56.0 U	57.0 U	55.0 U	57.0 U
MET	THALLIUM	µg/kg	200 U	200 U	220 U	200 U	210 U	200 U	210 U
MET	TIN	mg/kg	**1.1** J	**0.98** J	**0.63** J	0.53 U	0.55 U	0.53 U	0.54 U
MET	VANADIUM	µg/kg	**13,000**	**11,000**	**8,100**	**10,000**	**14,000**	**16,000**	**8,700**
MET	ZINC	µg/kg	**150,000**	**160,000**	**55,000**	**59,000**	**67,000**	**58,000**	**35,000**
PCB	PCB-1016 (AROCLOR 1016)	µg/Kg	390 U	390 U	42.0 U	39.0 U	40.0 U	39.0 U	40.0 U
PCB	PCB-1221 (AROCLOR 1221)	µg/Kg	390 U	390 U	42.0 U	39.0 U	40.0 U	39.0 U	40.0 U
PCB	PCB-1232 (AROCLOR 1232)	µg/Kg	390 U	390 U	42.0 U	39.0 U	40.0 U	39.0 U	40.0 U
PCB	PCB-1242 (AROCLOR 1242)	µg/Kg	390 U	390 U	42.0 U	39.0 U	40.0 U	39.0 U	40.0 U
PCB	PCB-1248 (AROCLOR 1248)	µg/Kg	390 U	390 U	42.0 U	39.0 U	40.0 U	**430** J	40.0 U
PCB	PCB-1254 (AROCLOR 1254)	µg/Kg	390 U	390 U	42.0 U	39.0 U	40.0 U	39.0 U	40.0 U
PCB	PCB-1260 (AROCLOR 1260)	µg/Kg	390 U	390 U	42.0 U	39.0 U	40.0 U	39.0 U	40.0 U
PCB	PCB-1262 (AROCLOR 1262)	µg/Kg	390 U	390 U	42.0 U	39.0 U	40.0 U	39.0 U	40.0 U
PCB	PCB-1268 (AROCLOR 1268)	µg/Kg	390 U	390 U	42.0 U	39.0 U	40.0 U	39.0 U	40.0 U
PCB	SUMMED PCB	µg/Kg	1700	1800	**190**	**180**	**180**	**590**	**180**
PEST	1,2-DIBROMO-3-CHLOROPROPANE	µg/kg	85.0 U	61.0 U	57.0 U	45.0 U	52.0 U	50.0 U	58.0 U
PEST	4,4'-DDD	µg/kg	**61.0** J	**89.0** J	**4.1** J	**3.0** J	24.0 U	24.0 U	24.0 U
PEST	4,4'-DDE	µg/kg	**520**	**740**	26.0 U	24.0 U	**34.0** J	24.0 U	**6.7** J
PEST	4,4'-DDT	µg/kg	**510** J	**720** J	26.0 U	24.0 U	**14.0** J	24.0 U	**4.4** J
PEST	ALDRIN	µg/kg	230 U	240 U	26.0 U	**1.4** J	**3.0** J	24.0 U	24.0 U
PEST	ALPHA BHC	µg/kg	230 U	240 U	26.0 U	**11.0** J	24.0 U	24.0 U	24.0 U
PEST	BETA BHC	µg/kg	230 U	240 U	26.0 U	24.0 U	24.0 U	24.0 U	24.0 U
PEST	CHLORDANE	µg/kg	290 U	300 U	32.0 U	30.0 U	30.0 U	29.0 U	31.0 U
PEST	DELTA BHC	µg/Kg	230 U	240 U	26.0 U	24.0 U	**4.1** J	24.0 U	24.0 U
PEST	DIELDRIN	µg/kg	230 U	240 U	26.0 U	24.0 U	24.0 U	**21.0** J	24.0 U
PEST	DIMETHOATE	µg/Kg	770 U	790 U	850 U	790 U	800 U	770 U	790 U
PEST	DISULFOTON	µg/Kg	770 U	790 U	850 U	790 U	800 U	770 U	790 U
PEST	ENDOSULFAN I	µg/Kg	230 U	240 U	26.0 U	24.0 U	24.0 U	24.0 U	24.0 U
PEST	ENDOSULFAN II	µg/Kg	230 U	240 U	**0.79** J	24.0 U	24.0 U	24.0 U	24.0 U
PEST	ENDOSULFAN SULFATE	µg/Kg	230 U	240 U	26.0 U	24.0 U	24.0 U	24.0 U	24.0 U
PEST	ENDRIN	µg/kg	230 U	240 U	26.0 U	24.0 U	24.0 U	24.0 U	24.0 U
PEST	ENDRIN ALDEHYDE	µg/Kg	230 U	240 U	26.0 U	24.0 U	24.0 U	24.0 U	24.0 U
PEST	FAMPHUR	µg/Kg	770 UJ	790 UJ	850 UJ	790 UJ	800 UJ	770 UJ	790 UJ
PEST	GAMMA BHC (LINDANE)	µg/kg	230 U	240 U	26.0 U	24.0 U	24.0 U	24.0 U	24.0 U
PEST	HEPTACHLOR	µg/kg	230 U	240 U	26.0 U	24.0 U	24.0 U	24.0 U	24.0 U
PEST	HEPTACHLOR EPOXIDE	µg/kg	230 U	240 U	**14.0** J	24.0 U	24.0 U	24.0 U	24.0 U
PEST	KEPONE	µg/Kg	2,000 U	2,000 U	2,200 U	2,000 U	2,000 U	2,000 U	2,000 U
PEST	METHOXYCHLOR	µg/kg	580 U	590 U	**8.1** J	**8.5** J	**8.0** J	**7.5** J	61.0 U
PEST	O,O,O-TRIETHYL PHOSPHOROTHIOATE	µg/Kg	390 U	400 U	420 U	390 U	400 U	390 U	400 U
PEST	O,O-DIETHYL O-2-PYRAZINYL PHOSPHOROTHIOATE (THIONAZIN)	µg/Kg	390 U	400 U	420 U	390 U	400 U	390 U	400 U
PEST	PARATHION, ETHYL (PARATHION)	µg/Kg	390 U	400 U	420 U	390 U	400 U	390 U	400 U
PEST	PARATHION, METHYL	µg/kg	770 U	790 U	850 U	790 U	800 U	770 U	790 U
PEST	PHORATE	µg/Kg	770 U	790 U	850 UJ	790 UJ	800 UJ	770 UJ	790 U
PEST	TETRAETHYL DITHIOPYROPHOSPHATE (SULFOTEPP)	µg/Kg	770 U	790 U	850 U	790 U	800 U	770 U	790 U
PEST	TOXAPHENE	µg/kg	2,000 U	2,000 U	220 U	200 U	200 U	200 U	210 U
SVOC	1,2,4,5-TETRACHLOROBENZENE	µg/kg	390 U	400 U	420 U	390 U	400 U	390 U	400 U
SVOC	1,3-DINITROBENZENE	µg/Kg	390 U	400 U	420 U	390 U	400 U	390 U	400 U
SVOC	1,4-DIOXANE	µg/kg	390 U	400 U	420 UJ	390 UJ	400 UJ	390 UJ	400 U
SVOC	1,4-NAPHTHOQUINONE	µg/Kg	770 U	790 U	850 U	790 UJ	800 U	770 UJ	790 U
SVOC	1-NAPHTHYLAMINE	µg/Kg	390 U	400 U	420 U	390 U	400 U	390 U	400 UJ
SVOC	2,2'-OXYBIS(1-CHLOROPROPANE)	µg/Kg	390 U	400 U	420 U	390 U	400 U	390 U	400 U
SVOC	2,3,4,6-TETRACHLOROPHENOL	µg/Kg	390 U	400 U	420 U	390 U	400 U	**16.0** J	400 U
SVOC	2,4,5-TRICHLOROPHENOL	µg/kg	390 U	400 U	420 U	390 U	400 U	390 U	400 U
SVOC	2,4,6-TRICHLOROPHENOL	µg/kg	390 UJ	400 UJ	420 U	390 U	400 U	390 U	400 U
SVOC	2,4-DICHLOROPHENOL	µg/kg	390 UJ	400 UJ	420 U	390 U	400 U	390 U	400 U
SVOC	2,4-DIMETHYLPHENOL	µg/kg	390 U	400 U	420 U	390 U	400 U	390 U	400 U
SVOC	2,4-DINITROPHENOL	µg/Kg	2,000 U	2,000 UJ	2,200 U	2,000 UJ	2,000 U	2,000 UJ	2,000 U
SVOC	2,4-DINITROTOLUENE	µg/kg	390 U	400 U	420 U	390 U	400 U	390 U	400 U
SVOC	2,6-DICHLOROPHENOL	µg/Kg	390 U	400 U	420 U	390 U	400 U	390 U	400 U

J = Estimated value
U = Undetected
UJ = Undetected; Estimated detection limit
Bold = analyte detected

Table 2
Potential Constituents of Concern (PCOI) Soil Analytical Results
Dow Midland Representative Soils Project

			5620-2-C	5620-2	5685-1	5685-2	574-1	574-2	6676-1
			MidBlind_5620-2-C	MidBlind_5620-2	MidBlind_5685-1	MidBlind_5685-2	MidBlind_574-1	MidBlind_574-2	MidBlind_6676-1
			11/13/2006	11/13/2006	11/13/2006	11/13/2006	11/13/2006	11/13/2006	10/30/2006
		Sam	1-6	1-6	0-1	1-6	0-1	1-6	0-1
			Soil	Soil	Soil	Soil	Soil	Soil	Soil
Group	**Analyte**	**Units**							
SVOC	2,6-DINITROTOLUENE	µg/Kg	390 U	400 U	420 U	390 U	400 U	390 U	400 U
SVOC	2-Acetylaminofluorene	µg/Kg	390 U	400 U	420 U	390 U	400 U	390 U	400 U
SVOC	2-CHLORONAPHTHALENE	µg/kg	390 U	400 U	420 U	390 U	400 U	390 U	400 U
SVOC	2-CHLOROPHENOL	µg/kg	390 U	400 U	420 U	390 U	400 U	390 U	400 U
SVOC	2-METHYLNAPHTHALENE	µg/kg	**38.0** J	**28.0** J	420 U	390 U	**12.0** J	**13.0** J	400 U
SVOC	2-METHYLPHENOL (O-CRESOL)	µg/Kg	390 U	400 U	420 U	390 U	400 U	390 U	400 U
SVOC	2-NAPHTHYLAMINE	µg/Kg	390 U	400 U	420 U	390 U	400 U	390 U	400 U
SVOC	2-NITROANILINE	µg/Kg	2,000 U	2,000 U	2,200 U	2,000 U	2,000 U	2,000 U	2,000 U
SVOC	2-NITROPHENOL	µg/kg	390 U	400 U	420 U	390 U	400 U	390 U	400 U
SVOC	3 & 4-METHYLPHENOL (M,P-CRESOL)	µg/Kg	390 U	400 U	420 U	390 U	400 U	390 U	400 U
SVOC	3,3'-DICHLOROBENZIDINE	µg/kg	770 U	790 U	850 U	790 U	800 U	770 U	790 U
SVOC	3,3'-DIMETHYLBENZIDINE	µg/Kg	390 U	400 U	420 U	390 U	400 U	390 U	400 U
SVOC	3-METHYLCHOLANTHRENE	µg/Kg	390 U	400 U	420 U	390 U	400 U	390 U	400 U
SVOC	3-NITROANILINE	µg/Kg	2,000 U	2,000 U	2,200 U	2,000 U	2,000 U	2,000 U	2,000 U
SVOC	4,6-DINITRO-2-METHYLPHENOL	µg/kg	2,000 U	2,000 U	2,200 U	2,000 U	2,000 U	2,000 U	2,000 U
SVOC	4-AMINOBIPHENYL	µg/Kg	390 U	400 U	420 U	390 U	400 U	390 U	400 U
SVOC	4-BROMOPHENYL PHENYL ETHER	µg/Kg	390 U	400 U	420 U	390 U	400 U	390 U	400 U
SVOC	4-CHLORO-3-METHYLPHENOL	µg/kg	390 U	400 U	420 U	390 U	400 U	390 U	400 U
SVOC	4-CHLOROANILINE	µg/Kg	390 U	400 U	420 U	390 U	400 U	390 U	400 U
SVOC	4-CHLOROPHENYL PHENYL ETHER	µg/Kg	390 U	400 U	420 U	390 U	400 U	390 U	400 U
SVOC	4-NITROANILINE	µg/Kg	2,000 U	2,000 U	2,200 U	2,000 U	2,000 U	2,000 U	2,000 U
SVOC	4-NITROPHENOL	µg/Kg	2,000 U	2,000 U	2,200 U	2,000 U	2,000 U	2,000 U	2,000 U
SVOC	4-NITROQUINOLINE-1-OXIDE	µg/Kg	390 UJ	400 UJ	420 U	390 U	400 UJ	390 U	400 U
SVOC	5-NITRO-O-TOLUIDINE	µg/Kg	390 U	400 U	420 U	390 U	400 U	390 U	400 U
SVOC	7,12-DIMETHYLBENZ(A)ANTHRACENE	µg/Kg	390 U	400 U	420 U	390 U	400 U	390 U	400 U
SVOC	ACENAPHTHENE	µg/kg	390 U	400 U	420 U	390 U	400 U	390 U	400 UJ
SVOC	ACENAPHTHYLENE	µg/kg	390 U	400 U	420 U	390 U	400 U	390 U	400 U
SVOC	ACETOPHENONE	µg/kg	390 U	400 U	420 U	390 U	**65.0** J	**66.0** J	400 U
SVOC	ALPHA, ALPHA DIMETHYLPHENETHYLAMINE	µg/Kg	390 U	400 U	420 U	390 U	400 UJ	390 U	400 U
SVOC	ANILINE	µg/kg	390 U	400 U	420 U	390 U	400 U	390 U	400 U
SVOC	ANTHRACENE	µg/kg	**24.0** J	**23.0** J	**9.2** J	**16.0** J	**14.0** J	390 U	400 U
SVOC	ARAMITE (TOTAL)	µg/Kg	390 U	400 U	420 U	390 U	400 U	390 U	400 U
SVOC	BENZO(A)ANTHRACENE	µg/kg	**120** J	400 U	420 U	390 U	400 U	390 U	400 U
SVOC	BENZO(A)PYRENE	µg/kg	**120** J	**150** J	**53.0** J	**49.0** J	**32.0** J	**33.0** J	400 UJ
SVOC	BENZO(B)FLUORANTHENE	µg/kg	**170** J	**210** J	**79.0** J	**73.0** J	**58.0** J	**58.0** J	**61.0** J
SVOC	BENZO(G,H,I)PERYLENE	µg/kg	**140** J	**170** J	**62.0** J	**74.0** J	**64.0** J	**66.0** J	**160** J
SVOC	BENZO(K)FLUORANTHENE	µg/kg	**76.0** J	**84.0** J	**39.0** J	**22.0** J	**18.0** J	**22.0** J	400 UJ
SVOC	BENZYL ALCOHOL	µg/kg	390 U	400 U	420 U	390 U	400 U	390 U	400 U
SVOC	BENZYL BUTYL PHTHALATE	µg/kg	**57.0** J	**80.0** J	420 U	390 U	400 U	390 U	400 U
SVOC	BIS(2-CHLOROETHOXY) METHANE	µg/Kg	390 U	400 U	420 U	390 U	400 U	390 U	400 U
SVOC	BIS(2-CHLOROETHYL) ETHER	µg/kg	390 U	400 U	420 U	390 U	400 U	390 U	400 U
SVOC	BIS(2-ETHYLHEXYL) PHTHALATE	µg/kg	**79.0** J	**90.0** J	**150** J	**100** J	**520**	**630**	400 U
SVOC	CHLOROBENZILATE	µg/Kg	390 U	400 U	420 U	390 U	400 U	390 U	400 U
SVOC	CHRYSENE	µg/kg	**120** J	**130** J	**19.0** J	390 U	400 U	390 U	**35.0** J
SVOC	DI-N-BUTYL PHTHALATE	µg/kg	**27.0** J	**16.0** J	420 U	390 U	**16.0** J	**25.0** J	400 U
SVOC	DI-N-OCTYLPHTHALATE	µg/kg	390 UJ	400 UJ	420 U	390 U	400 U	390 U	400 UJ
SVOC	DIALLATE (TOTAL OF CIS AND TRANS ISOMERS)	µg/Kg	390 U	400 U	420 UJ	390 U	400 U	390 U	400 U
SVOC	DIBENZ(A,H)ANTHRACENE	µg/kg	**66.0** J	400 U	420 U	390 U	400 U	390 U	400 U
SVOC	DIBENZOFURAN	µg/kg	**16.0** J	400 U	420 U	390 U	400 U	390 U	400 U
SVOC	DIETHYL PHTHALATE	µg/kg	390 U	400 U	420 U	390 U	400 U	390 U	400 U
SVOC	DIMETHYL PHTHALATE	µg/kg	390 U	400 U	420 U	390 U	400 U	390 U	400 U
SVOC	DIPHENYLAMINE	µg/Kg	390 U	400 U	420 U	390 U	400 U	390 U	400 U
SVOC	ETHYL METHANESULFONATE	µg/Kg	390 UJ	400 UJ	420 UJ	390 U	400 U	390 U	400 U
SVOC	FLUORANTHENE	µg/kg	**220** J	**240** J	**100** J	**99.0** J	**64.0** J	**55.0** J	**31.0** J
SVOC	FLUORENE	µg/kg	**9.3** J	400 U	420 U	390 U	400 U	390 U	400 U
SVOC	HEXACHLOROBENZENE	µg/kg	390 U	400 U	420 U	390 U	400 U	390 U	400 U
SVOC	HEXACHLOROBUTADIENE	µg/kg	390 U	400 U	420 U	390 U	400 U	390 U	400 U
SVOC	HEXACHLOROCYCLOPENTADIENE	µg/kg	390 U	400 U	420 U	390 U	400 U	390 U	400 U
SVOC	HEXACHLOROETHANE	µg/kg	390 U	400 U	420 U	390 U	400 U	390 U	400 U
SVOC	HEXACHLOROPHENE	µg/Kg	770 UJ	790 UJ	850 UJ	790 UJ	800 UJ	770 UJ	790 UJ
SVOC	HEXACHLOROPROPENE	µg/Kg	390 U	400 U	420 U	390 U	400 U	390 U	400 U
SVOC	INDENO(1,2,3-C,D)PYRENE	µg/kg	**180** J	**180** J	420 U	**58.0** J	**41.0** J	390 UJ	400 U
SVOC	ISODRIN	µg/Kg	390 U	400 U	420 U	390 U	400 U	390 U	400 U
SVOC	ISOPHORONE	µg/kg	390 U	400 U	420 U	390 U	400 U	390 U	400 U
SVOC	ISOSAFROLE	µg/Kg	390 U	400 U	420 U	390 U	400 U	390 U	400 U
SVOC	METHAPYRILENE	µg/Kg	390 U	400 U	420 U	390 U	400 U	390 U	400 UJ
SVOC	METHYL METHANESULFONATE	µg/Kg	390 U	400 U	420 U	390 U	400 U	390 U	400 U
SVOC	N-NITROSO-DI-N-BUTYLAMINE	µg/Kg	390 U	400 U	420 U	390 U	400 U	390 U	400 U
SVOC	N-NITROSODI-N-PROPYLAMINE	µg/kg	390 U	400 U	420 U	390 U	400 U	390 U	400 U
SVOC	N-NITROSODIETHYLAMINE	µg/Kg	390 UJ	400 UJ	420 UJ	390 U	400 U	390 U	400 U
SVOC	N-NITROSODIMETHYLAMINE	µg/Kg	390 U	400 U	420 U	390 U	400 UJ	390 U	400 UJ

J = Estimated value
U = Undetected
UJ = Undetected; Estimated detection limit
Bold = analyte detected

Table 2
Potential Constituents of Concern (PCOI) Soil Analytical Results
Dow Midland Representative Soils Project

			5620-2-C	5620-2	5685-1	5685-2	574-1	574-2	6676-1
			MidBlind_5620-2-C	MidBlind_5620-2	MidBlind_5685-1	MidBlind_5685-2	MidBlind_574-1	MidBlind_574-2	MidBlind_6676-1
			11/13/2006	11/13/2006	11/13/2006	11/13/2006	11/13/2006	11/13/2006	10/30/2006
		Sam	1-6	1-6	0-1	1-6	0-1	1-6	0-1
			Soil	Soil	Soil	Soil	Soil	Soil	Soil
Group	**Analyte**	**Units**							
SVOC	N-NITROSODIPHENYLAMINE	µg/kg	390 U	400 U	420 U	390 U	400 U	390 U	400 UJ
SVOC	N-NITROSOMETHYLETHYLAMINE	µg/Kg	390 U	400 U	420 U	390 U	400 U	390 U	400 UJ
SVOC	N-NITROSOMORPHOLINE	µg/Kg	390 U	400 U	420 U	390 U	400 U	390 U	400 U
SVOC	N-NITROSOPIPERIDINE	µg/Kg	390 U	400 U	420 U	390 U	400 U	390 U	400 U
SVOC	N-NITROSOPYRROLIDINE	µg/Kg	390 U	400 U	420 U	390 U	400 U	390 U	400 U
SVOC	NAPHTHALENE	µg/kg	**38.0** J	400 U	**230** J	**130** J	**78.0** J	**86.0** J	400 U
SVOC	NITROBENZENE	µg/kg	390 U	400 U	420 U	390 U	400 U	390 U	400 U
SVOC	O-TOLUIDINE	µg/Kg	390 U	400 U	420 U	390 U	400 U	390 U	400 U
SVOC	P-DIMETHYLAMINOAZOBENZENE	µg/Kg	390 U	400 U	420 U	390 U	400 U	390 U	400 U
SVOC	P-PHENYLENEDIAMINE	µg/Kg	390 UJ	400 UJ	420 UJ	390 UJ	400 UJ	390 UJ	400 U
SVOC	PENTACHLOROBENZENE	µg/kg	390 U	400 U	420 U	390 U	400 U	390 U	400 U
SVOC	PENTACHLORONITROBENZENE	µg/kg	390 U	400 U	420 U	390 U	400 U	390 U	400 U
SVOC	PENTACHLOROPHENOL	µg/kg	930 UJ	960 UJ	1,000 UJ	950 UJ	970 UJ	940 UJ	960 UJ
SVOC	PHENACETIN	µg/Kg	390 U	400 U	420 U	390 U	400 U	390 U	400 U
SVOC	PHENANTHRENE	µg/kg	**150** J	**170** J	**52.0** J	**55.0** J	**35.0** J	**45.0** J	**14.0** J
SVOC	PHENOL	µg/kg	390 U	400 U	420 U	390 U	400 U	390 U	400 UJ
SVOC	PRONAMIDE	µg/Kg	390 U	400 U	420 U	390 U	400 U	390 U	400 U
SVOC	PYRENE	µg/kg	**190** J	**240** J	**110** J	**77.0** J	**56.0** J	**67.0** J	400 U
SVOC	PYRIDINE	µg/kg	390 U	400 U	420 U	390 U	400 U	390 U	400 UJ
SVOC	SAFROLE	µg/Kg	390 U	400 U	420 U	390 U	400 U	390 U	400 U
SVOC	SYM-TRINITROBENZENE	µg/Kg	390 U	400 U	420 U	390 U	400 U	390 U	400 U
VOC	1,1,1,2-TETRACHLOROETHANE	µg/kg	85.0 U	61.0 U	57.0 U	45.0 U	52.0 U	50.0 U	58.0 U
VOC	1,1,1-TRICHLOROETHANE	µg/kg	85.0 U	61.0 U	57.0 U	45.0 U	52.0 U	50.0 U	58.0 U
VOC	1,1,2,2-TETRACHLOROETHANE	µg/kg	85.0 U	61.0 U	57.0 U	45.0 U	52.0 U	50.0 U	58.0 U
VOC	1,1,2-TRICHLOROETHANE	µg/kg	85.0 U	61.0 U	57.0 U	45.0 U	52.0 U	50.0 U	58.0 U
VOC	1,1-DICHLOROETHANE	µg/kg	85.0 U	61.0 U	57.0 U	45.0 U	52.0 U	50.0 U	58.0 U
VOC	1,1-DICHLOROETHENE	µg/kg	85.0 U	61.0 U	57.0 U	45.0 U	52.0 U	50.0 U	58.0 U
VOC	1,2,3-TRICHLOROPROPANE	µg/kg	85.0 U	61.0 U	57.0 U	45.0 U	52.0 U	50.0 U	58.0 U
VOC	1,2-DIBROMOETHANE (EDB)	µg/kg	85.0 U	61.0 U	57.0 U	45.0 U	52.0 U	50.0 U	58.0 U
VOC	1,2-DICHLOROBENZENE	µg/kg	390 U	400 U	420 U	390 U	400 U	390 U	400 U
VOC	1,2-DICHLOROETHANE	µg/kg	85.0 U	61.0 U	57.0 U	45.0 U	52.0 U	50.0 U	58.0 U
VOC	1,2-DICHLOROPROPANE	µg/kg	85.0 U	61.0 U	57.0 U	45.0 U	52.0 U	50.0 U	58.0 U
VOC	1,3-DICHLOROBENZENE	µg/kg	390 U	400 U	420 U	390 U	400 U	390 U	400 U
VOC	1,4-DICHLOROBENZENE	µg/kg	390 U	400 U	420 U	390 U	400 U	390 U	400 UJ
VOC	2-HEXANONE	µg/kg	85.0 U	61.0 U	57.0 U	45.0 U	52.0 U	50.0 U	58.0 U
VOC	ACETONE	µg/kg	1,700 UJ	1,200 UJ	1,100 U	910 UJ	1,000 UJ	1,000 UJ	150 UJ
VOC	ACETONITRILE	µg/kg	1,700 UJ	1,200 UJ	1,100 UJ	910 UJ	1,000 UJ	1,000 UJ	1,200 UJ
VOC	ACROLEIN	µg/kg	850 UJ	610 UJ	570 U	450 U	520 U	500 U	580 UJ
VOC	ACRYLONITRILE	µg/kg	850 U	610 U	570 U	450 U	**320** J	500 U	580 U
VOC	ALLYL CHLORIDE (3-CHLOROPROPENE)	µg/Kg	170 U	120 U	110 U	91.0 U	100 U	100 U	120 U
VOC	BENZENE	µg/kg	85.0 U	61.0 U	57.0 U	45.0 U	52.0 U	50.0 U	58.0 U
VOC	BROMODICHLOROMETHANE	µg/kg	85.0 U	61.0 U	57.0 U	45.0 U	52.0 U	50.0 U	58.0 U
VOC	BROMOFORM	µg/kg	85.0 U	61.0 U	57.0 U	45.0 U	52.0 U	50.0 U	58.0 U
VOC	BROMOMETHANE	µg/kg	170 U	120 U	110 U	91.0 U	100 U	100 U	120 U
VOC	CARBON DISULFIDE	µg/kg	85.0 U	61.0 U	57.0 U	45.0 U	52.0 U	50.0 U	58.0 U
VOC	CARBON TETRACHLORIDE	µg/kg	85.0 U	61.0 U	57.0 U	45.0 U	52.0 U	50.0 U	58.0 U
VOC	CHLOROBENZENE	µg/kg	85.0 U	61.0 U	57.0 U	45.0 U	52.0 U	50.0 U	58.0 U
VOC	CHLOROETHANE	µg/kg	85.0 UJ	61.0 U	57.0 UJ	45.0 UJ	52.0 UJ	50.0 UJ	58.0 U
VOC	CHLOROFORM	µg/kg	85.0 U	61.0 U	57.0 U	45.0 U	52.0 U	**28.0** J	58.0 U
VOC	CHLOROMETHANE	µg/kg	85.0 U	61.0 UJ	57.0 U	45.0 U	52.0 U	50.0 U	58.0 UJ
VOC	CHLOROPRENE (2-CHLORO-1,3-BUTADIENE)	µg/Kg	850 U	610 U	570 U	450 U	520 U	500 U	580 U
VOC	CIS-1,3-DICHLOROPROPENE	µg/Kg	85.0 U	61.0 U	57.0 U	45.0 U	52.0 U	50.0 U	58.0 U
VOC	DIBROMOCHLOROMETHANE	µg/kg	85.0 U	61.0 U	57.0 U	45.0 U	52.0 U	50.0 U	58.0 U
VOC	DIBROMOMETHANE	µg/kg	85.0 U	61.0 U	57.0 U	45.0 U	52.0 U	50.0 U	58.0 U
VOC	DICHLORODIFLUOROMETHANE	µg/kg	85.0 U	61.0 U	57.0 U	45.0 UJ	52.0 UJ	50.0 UJ	58.0 U
VOC	ETHYL BENZENE	µg/kg	85.0 U	61.0 U	57.0 U	45.0 U	52.0 U	50.0 U	58.0 U
VOC	ETHYL METHACRYLATE	µg/Kg	170 U	120 U	110 U	91.0 U	100 U	100 U	120 U
VOC	ISOBUTANOL	µg/kg	8,500 UJ	6,100 UJ	5,700 UJ	4,500 UJ	5,200 UJ	5,000 UJ	5,800 U
VOC	METHYL ETHYL KETONE (2-BUTANONE)	µg/kg	430 U	300 U	290 U	230 U	260 U	250 U	290 U
VOC	METHYL IODIDE (IODOMETHANE)	µg/Kg	85.0 U	61.0 U	57.0 U	45.0 U	52.0 U	50.0 U	58.0 UJ
VOC	METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	µg/kg	170 U	120 U	110 U	91.0 U	100 U	100 U	120 U
VOC	METHYL METHACRYLATE	µg/Kg	170 U	120 U	110 U	91.0 U	100 U	100 U	120 U
VOC	METHYLACRYLONITRILE	µg/Kg	430 U	300 U	290 U	230 UJ	260 UJ	250 UJ	290 U
VOC	METHYLENE CHLORIDE	µg/kg	430 U	300 U	290 U	230 U	260 U	250 U	290 U
VOC	PENTOCHLORETHANE	µg/Kg	390 U	400 U	420 U	390 U	400 U	390 U	400 U
VOC	PROPIONITRILE, ETHYL CYANIDE	µg/Kg	1,700 UJ	1,200 UJ	1,100 UJ	910 UJ	1,000 UJ	1,000 UJ	1,200 UJ
VOC	STYRENE	µg/kg	85.0 U	61.0 U	57.0 U	45.0 U	52.0 U	50.0 U	58.0 U
VOC	TETRACHLOROETHENE (PCE)	µg/kg	85.0 U	61.0 U	57.0 U	45.0 U	52.0 U	50.0 U	58.0 U
VOC	TOLUENE	µg/kg	**3,100**	**1,400**	57.0 U	**36.0** J	**90.0**	**1,100**	58.0 UJ
VOC	TRANS-1,2-DICHLOROETHENE	µg/kg	85.0 U	61.0 U	57.0 U	45.0 U	52.0 U	50.0 U	58.0 U
VOC	TRANS-1,3-DICHLOROPROPENE	µg/Kg	85.0 U	61.0 U	57.0 U	45.0 U	52.0 U	50.0 U	58.0 U
VOC	TRANS-1,4-DICHLORO-2-BUTENE	µg/Kg	85.0 U	61.0 U	57.0 U	45.0 U	52.0 U	50.0 U	58.0 U
VOC	TRICHLOROETHENE (TCE)	µg/kg	85.0 U	61.0 U	57.0 U	45.0 U	52.0 U	50.0 U	58.0 U
VOC	TRICHLOROFLUOROMETHANE	µg/kg	85.0 U	61.0 U	57.0 U	45.0 U	52.0 U	50.0 U	58.0 U
VOC	VINYL ACETATE	µg/kg	85.0 U	61.0 U	57.0 U	45.0 U	52.0 U	50.0 U	58.0 U
VOC	VINYL CHLORIDE	µg/kg	85.0 U	61.0 U	57.0 U	45.0 U	52.0 U	50.0 U	58.0 U
VOC	XYLENES, TOTAL	µg/kg	**250** J	180 U	170 U	140 U	160 U	150 U	180 U

J = Estimated value
U = Undetected
UJ = Undetected; Estimated detection limit
Bold = analyte detected

Table 2
Potential Constituents of Concern (PCOI) Soil Analytical Results
Dow Midland Representative Soils Project

			6676-2-D	6676-2-M	6960-1-C	6960-1	6960-2-C	6960-2	706-1-C
			MidBlind_6676-2-D	MidBlind_6676-2-M	MidBlind_6960-1-C	MidBlind_6960-1	MidBlind_6960-2-C	MidBlind_6960-2	MidBlind_706-1-C
			10/30/2006	10/30/2006	11/13/2006	11/13/2006	11/13/2006	11/13/2006	11/13/2006
		Sam	1-6	1-6	0-1	0-1	1-6	1-6	0-1
			Soil	SOIL	Soil	Soil	Soil	Soil	Soil
Group	**Analyte**	**Units**							
GEN	CYANIDE, TOTAL	µg/kg	**76.0** J	**41.0** J	**480**	**450**	**350**	**370**	**170** J
GEN	SULFIDE	mg/Kg	93.0 U	93.0 U	100 U	**270**	100 U	100 U	93.0 U
GEN	TOTAL ORGANIC CARBON	mg/kg	**15,000**	**16,000** J	**25,000**	**25,000**	**25,000** J	**32,000**	**5,700**
HERB	2,4,5-T (TRICHLOROPHENOXYACETIC ACID)	µg/Kg	20.0 U	20.0 U	21.0 U	23.0 U	21.0 U	22.0 U	19.0 U
HERB	2,4-D (DICHLOROPHENOXYACETIC ACID)	µg/kg	20.0 U	20.0 U	21.0 U	23.0 U	21.0 U	22.0 U	19.0 U
HERB	DINOSEB	µg/kg	380 U	380 U	410 U	430 U	410 U	420 U	1,100 U
HERB	SILVEX (2,4,5-TP)	µg/kg	20.0 U	20.0 U	21.0 U	23.0 U	21.0 U	22.0 U	19.0 U
MET	ANTIMONY	µg/kg	220 U	220 UJ	1,600 U	**2,100** J	**2,300** J	**1,700** J	**1,900** J
MET	ARSENIC	µg/kg	**3,800**	**2,800**	**3,600**	**6,000**	**3,400**	**3,400**	**2,200**
MET	BARIUM	µg/kg	**38,000**	**34,000** J	**47,000**	**48,000**	**50,000**	**48,000**	**20,000**
MET	BERYLLIUM	µg/kg	**260**	**210** J	**450**	**480**	**480**	**470**	**61.0** J
MET	CADMIUM	µg/kg	**88.0** J	**150** J	320 U	320 U	350 U	320 U	430 U
MET	CHROMIUM, TOTAL	µg/kg	**10,000**	**5,400** J	**15,000**	**14,000**	**15,000**	**15,000**	**6,800**
MET	COBALT	µg/kg	**4,500**	**2,900** J	**3,900**	**4,100**	**4,200**	**4,100**	**1,400**
MET	COPPER	µg/kg	**7,500**	**7,500** J	**19,000**	**18,000**	**20,000**	**19,000**	**20,000**
MET	LEAD	µg/kg	**16,000**	**13,000** J	**12,000**	**13,000**	**13,000**	**13,000**	**47,000**
MET	MERCURY	µg/kg	**32.0**	**29.0**	**34.0**	**34.0**	**40.0**	**31.0**	25.0 U
MET	NICKEL	µg/kg	**6,600**	**6,800** J	**12,000**	**12,000**	**13,000**	**12,000**	**4,800**
MET	SELENIUM	µg/kg	**540** J	490 U	530 U	560 U	530 U	530 U	480 U
MET	SILVER	µg/kg	55.0 U	55.0 U	59.0 U	62.0 U	59.0 U	59.0 U	54.0 U
MET	THALLIUM	µg/kg	200 U	200 U	210 U	230 U	210 U	210 U	200 U
MET	TIN	mg/kg	0.52 U	0.52 U	0.56 U	0.59 U	0.56 U	0.57 U	0.51 U
MET	VANADIUM	µg/kg	**12,000**	**9,500** J	**17,000**	**18,000**	**19,000**	**19,000**	**6,700**
MET	ZINC	µg/kg	**35,000**	**26,000** J	55,000 U	56,000 U	56,000 U	55,000 U	**67,000**
PCB	PCB-1016 (AROCLOR 1016)	µg/Kg	38.0 U	38.0 U	42.0 U	44.0 U	41.0 U	42.0 U	1,900 U
PCB	PCB-1221 (AROCLOR 1221)	µg/Kg	38.0 U	38.0 U	42.0 U	44.0 U	41.0 U	42.0 U	1,900 U
PCB	PCB-1232 (AROCLOR 1232)	µg/Kg	38.0 U	38.0 U	42.0 U	44.0 U	41.0 U	42.0 U	1,900 U
PCB	PCB-1242 (AROCLOR 1242)	µg/Kg	38.0 U	38.0 U	42.0 U	44.0 U	41.0 U	42.0 U	1,900 U
PCB	PCB-1248 (AROCLOR 1248)	µg/Kg	38.0 U	38.0 U	42.0 U	44.0 U	41.0 U	42.0 U	1,900 U
PCB	PCB-1254 (AROCLOR 1254)	µg/Kg	38.0 U	38.0 U	42.0 U	44.0 U	41.0 U	42.0 U	1,900 U
PCB	PCB-1260 (AROCLOR 1260)	µg/Kg	38.0 U	38.0 U	42.0 U	44.0 U	41.0 U	42.0 U	1,900 U
PCB	PCB-1262 (AROCLOR 1262)	µg/Kg	38.0 U	38.0 U	42.0 U	44.0 U	41.0 U	42.0 U	1,900 U
PCB	PCB-1268 (AROCLOR 1268)	µg/Kg	38.0 U	38.0 U	42.0 U	44.0 U	41.0 U	42.0 U	1,900 U
PCB	SUMMED PCB	µg/Kg	**170**	**76**	**190**	**200**	**180**	**190**	8500
PEST	1,2-DIBROMO-3-CHLOROPROPANE	µg/kg	59.0 U	64.0 U	55.0 U	66.0 U	61.0 U	59.0 U	50.0 U
PEST	4,4'-DDD	µg/kg	**1.5** J	23.0 U	**1.3** J	**1.7** J	**1.2** J	**1.5** J	**610** J
PEST	4,4'-DDE	µg/kg	**11.0** J	23.0 U	**2.0** J	**1.9** J	**0.99** J	**2.7** J	**1,200**
PEST	4,4'-DDT	µg/kg	**4.1** J	**4.9** J	25.0 U	26.0 U	25.0 U	25.0 U	**2,500**
PEST	ALDRIN	µg/kg	23.0 U	23.0 U	25.0 U	26.0 U	25.0 U	25.0 U	1,200 U
PEST	ALPHA BHC	µg/kg	23.0 U	23.0 U	25.0 U	26.0 U	25.0 U	25.0 U	1,200 U
PEST	BETA BHC	µg/kg	23.0 U	23.0 U	25.0 U	26.0 U	25.0 U	25.0 U	1,200 U
PEST	CHLORDANE	µg/kg	29.0 U	29.0 U	32.0 U	33.0 U	31.0 U	32.0 U	1,400 U
PEST	DELTA BHC	µg/Kg	23.0 U	23.0 U	25.0 UJ	26.0 UJ	25.0 UJ	25.0 UJ	1,200 U
PEST	DIELDRIN	µg/kg	23.0 U	23.0 U	**1.3** J	**1.3** J	25.0 U	25.0 U	1,200 U
PEST	DIMETHOATE	µg/Kg	750 U	760 U	830 U	870 U	810 U	840 U	2,300 U
PEST	DISULFOTON	µg/Kg	750 U	760 U	830 U	870 U	810 U	840 U	2,300 U
PEST	ENDOSULFAN I	µg/Kg	23.0 U	23.0 U	**1.1** J	26.0 U	25.0 U	25.0 U	1,200 U
PEST	ENDOSULFAN II	µg/Kg	23.0 U	23.0 U	25.0 U	26.0 U	25.0 U	25.0 U	1,200 U
PEST	ENDOSULFAN SULFATE	µg/Kg	23.0 U	23.0 U	25.0 UJ	26.0 UJ	25.0 UJ	25.0 UJ	1,200 U
PEST	ENDRIN	µg/kg	23.0 U	23.0 U	25.0 U	26.0 U	25.0 U	25.0 U	1,200 U
PEST	ENDRIN ALDEHYDE	µg/Kg	23.0 U	23.0 U	25.0 U	26.0 U	25.0 U	25.0 U	1,200 U
PEST	FAMPHUR	µg/Kg	750 UJ	760 UJ	830 UJ	870 UJ	810 UJ	840 UJ	2,300 UJ
PEST	GAMMA BHC (LINDANE)	µg/kg	23.0 U	23.0 U	25.0 U	26.0 U	25.0 U	25.0 U	1,200 U
PEST	HEPTACHLOR	µg/kg	23.0 U	23.0 U	25.0 U	26.0 U	25.0 U	25.0 U	1,200 U
PEST	HEPTACHLOR EPOXIDE	µg/kg	23.0 U	23.0 U	25.0 U	26.0 U	25.0 U	25.0 U	1,200 U
PEST	KEPONE	µg/Kg	1,900 U	1,900 U	2,100 U	2,200 U	2,100 U	2,100 U	5,800 U
PEST	METHOXYCHLOR	µg/kg	58.0 U	58.0 U	63.0 U	66.0 U	62.0 U	63.0 U	2,900 U
PEST	O,O,O-TRIETHYL PHOSPHOROTHIOATE	µg/Kg	380 U	380 U	410 U	430 U	410 U	420 U	1,100 U
PEST	O,O-DIETHYL O-2-PYRAZINYL PHOSPHOROTHIOATE (THIONAZIN)	µg/Kg	380 U	380 U	410 U	430 U	410 U	420 U	1,100 U
PEST	PARATHION, ETHYL (PARATHION)	µg/Kg	380 U	380 U	410 U	430 U	410 U	420 U	1,100 U
PEST	PARATHION, METHYL	µg/kg	750 U	760 U	830 U	870 U	810 U	840 U	2,300 U
PEST	PHORATE	µg/Kg	750 U	760 U	830 U	870 U	810 U	840 U	2,300 U
PEST	TETRAETHYL DITHIOPYROPHOSPHATE (SULFOTEPP)	µg/Kg	750 U	760 U	830 U	870 U	810 U	840 U	2,300 U
PEST	TOXAPHENE	µg/kg	200 U	200 U	210 U	220 U	210 U	210 U	9,700 U
SVOC	1,2,4,5-TETRACHLOROBENZENE	µg/kg	380 U	380 U	410 U	430 U	410 U	420 U	1,100 U
SVOC	1,3-DINITROBENZENE	µg/Kg	380 U	380 U	410 U	430 U	410 U	420 U	1,100 U
SVOC	1,4-DIOXANE	µg/kg	380 U	380 U	410 U	430 U	410 U	420 U	1,100 U
SVOC	1,4-NAPHTHOQUINONE	µg/Kg	750 U	760 U	830 U	870 U	810 U	840 U	2,300 U
SVOC	1-NAPHTHYLAMINE	µg/Kg	380 UJ	380 U	410 U	430 U	410 U	420 U	1,100 U
SVOC	2,2'-OXYBIS(1-CHLOROPROPANE)	µg/Kg	380 U	380 U	410 U	430 U	410 U	420 U	1,100 U
SVOC	2,3,4,6-TETRACHLOROPHENOL	µg/Kg	380 U	380 U	410 U	430 U	410 U	420 U	1,100 U
SVOC	2,4,5-TRICHLOROPHENOL	µg/kg	380 U	380 U	410 U	430 U	410 U	420 U	1,100 U
SVOC	2,4,6-TRICHLOROPHENOL	µg/kg	380 U	380 U	410 UJ	430 UJ	410 UJ	420 UJ	1,100 UJ
SVOC	2,4-DICHLOROPHENOL	µg/kg	380 U	380 U	410 UJ	430 UJ	410 UJ	420 UJ	1,100 UJ
SVOC	2,4-DIMETHYLPHENOL	µg/kg	380 U	380 U	410 U	430 U	410 U	420 U	1,100 U
SVOC	2,4-DINITROPHENOL	µg/Kg	1,900 U	1,900 U	2,100 U	2,200 U	2,100 U	2,100 U	5,800 U
SVOC	2,4-DINITROTOLUENE	µg/kg	380 U	380 U	410 U	430 U	410 U	420 U	1,100 U
SVOC	2,6-DICHLOROPHENOL	µg/Kg	380 U	380 U	410 U	430 U	410 U	420 U	1,100 U

J = Estimated value
U = Undetected
UJ = Undetected; Estimated detection limit
Bold = analyte detected

Table 2
Potential Constituents of Concern (PCOI) Soil Analytical Results
Dow Midland Representative Soils Project

			6676-2-D	6676-2-M	6960-1-C	6960-1	6960-2-C	6960-2	706-1-C
			MidBlind_6676-2-D	MidBlind_6676-2-M	MidBlind_6960-1-C	MidBlind_6960-1	MidBlind_6960-2-C	MidBlind_6960-2	MidBlind_706-1-C
			10/30/2006	10/30/2006	11/13/2006	11/13/2006	11/13/2006	11/13/2006	11/13/2006
		Sam	1-6	1-6	0-1	0-1	1-6	1-6	0-1
			Soil	SOIL	Soil	Soil	Soil	Soil	Soil
Group	**Analyte**	**Units**							
SVOC	2,6-DINITROTOLUENE	µg/Kg	380 U	380 U	410 U	430 U	410 U	420 U	1,100 U
SVOC	2-Acetylaminofluorene	µg/Kg	380 U	380 U	410 U	430 U	410 U	420 U	1,100 U
SVOC	2-CHLORONAPHTHALENE	µg/kg	380 U	380 U	410 U	430 U	410 U	420 U	1,100 U
SVOC	2-CHLOROPHENOL	µg/kg	380 U	380 U	410 U	430 U	410 U	420 U	1,100 U
SVOC	2-METHYLNAPHTHALENE	µg/kg	380 U	380 U	410 U	430 U	410 U	420 U	1,100 U
SVOC	2-METHYLPHENOL (O-CRESOL)	µg/Kg	380 U	380 U	410 U	430 U	410 U	420 U	1,100 U
SVOC	2-NAPHTHYLAMINE	µg/Kg	380 U	380 U	410 U	430 U	410 U	420 U	1,100 U
SVOC	2-NITROANILINE	µg/Kg	1,900 U	1,900 U	2,100 U	2,200 U	2,100 U	2,100 U	5,800 U
SVOC	2-NITROPHENOL	µg/kg	380 U	380 U	410 U	430 U	410 U	420 U	1,100 U
SVOC	3 & 4-METHYLPHENOL (M,P-CRESOL)	µg/Kg	380 U	380 U	410 U	430 U	410 U	420 U	1,100 U
SVOC	3,3'-DICHLOROBENZIDINE	µg/kg	750 U	760 U	830 U	870 U	810 U	840 U	2,300 U
SVOC	3,3'-DIMETHYLBENZIDINE	µg/Kg	380 U	380 U	410 U	430 U	410 U	420 U	1,100 U
SVOC	3-METHYLCHOLANTHRENE	µg/Kg	380 U	380 U	410 U	430 U	410 U	420 U	1,100 U
SVOC	3-NITROANILINE	µg/Kg	1,900 U	1,900 U	2,100 U	2,200 U	2,100 U	2,100 U	5,800 U
SVOC	4,6-DINITRO-2-METHYLPHENOL	µg/kg	1,900 U	1,900 U	2,100 U	2,200 U	2,100 U	2,100 U	5,800 U
SVOC	4-AMINOBIPHENYL	µg/Kg	380 U	380 U	410 U	430 U	410 U	420 U	1,100 U
SVOC	4-BROMOPHENYL PHENYL ETHER	µg/Kg	380 U	380 U	410 U	430 U	410 U	420 U	1,100 U
SVOC	4-CHLORO-3-METHYLPHENOL	µg/kg	380 U	380 U	410 U	430 U	410 U	420 U	1,100 U
SVOC	4-CHLOROANILINE	µg/Kg	380 U	380 U	410 U	430 U	410 U	420 U	1,100 U
SVOC	4-CHLOROPHENYL PHENYL ETHER	µg/Kg	380 U	380 U	410 U	430 U	410 U	420 U	1,100 U
SVOC	4-NITROANILINE	µg/Kg	1,900 U	1,900 U	2,100 U	2,200 U	2,100 U	2,100 U	5,800 U
SVOC	4-NITROPHENOL	µg/Kg	1,900 U	1,900 U	2,100 U	2,200 U	2,100 U	2,100 U	5,800 U
SVOC	4-NITROQUINOLINE-1-OXIDE	µg/Kg	380 U	380 U	410 UJ	430 UJ	410 UJ	420 UJ	1,100 UJ
SVOC	5-NITRO-O-TOLUIDINE	µg/Kg	380 U	380 U	410 U	430 U	410 U	420 U	1,100 U
SVOC	7,12-DIMETHYLBENZ(A)ANTHRACENE	µg/Kg	380 U	380 U	410 U	430 U	410 U	420 U	1,100 U
SVOC	ACENAPHTHENE	µg/kg	380 UJ	380 UJ	410 U	430 U	410 U	420 U	**230** J
SVOC	ACENAPHTHYLENE	µg/kg	380 U	380 U	410 U	430 U	410 U	420 U	**31.0** J
SVOC	ACETOPHENONE	µg/kg	380 U	380 U	410 U	430 U	410 U	420 U	1,100 U
SVOC	ALPHA, ALPHA DIMETHYLPHENETHYLAMINE	µg/Kg	380 U	380 U	410 U	430 U	410 U	420 U	1,100 U
SVOC	ANILINE	µg/kg	380 U	380 U	410 U	430 U	410 U	420 U	1,100 U
SVOC	ANTHRACENE	µg/kg	380 U	380 U	410 U	430 U	410 U	420 U	**810** J
SVOC	ARAMITE (TOTAL)	µg/Kg	380 U	380 U	410 U	430 U	410 U	420 U	1,100 U
SVOC	BENZO(A)ANTHRACENE	µg/kg	380 U	380 U	410 U	430 U	410 U	420 U	**5,400**
SVOC	BENZO(A)PYRENE	µg/kg	380 UJ	380 UJ	410 UJ	430 UJ	410 UJ	420 UJ	**5,900** J
SVOC	BENZO(B)FLUORANTHENE	µg/kg	**49.0** J	**52.0** J	**58.0** J	**52.0** J	**46.0** J	**51.0** J	**7,100**
SVOC	BENZO(G,H,I)PERYLENE	µg/kg	**150** J	380 U	410 U	430 U	410 U	420 U	**3,700** J
SVOC	BENZO(K)FLUORANTHENE	µg/kg	**49.0** J	380 U	**46.0** J	**48.0** J	**44.0** J	**47.0** J	**2,300** J
SVOC	BENZYL ALCOHOL	µg/kg	380 U	380 U	410 U	430 U	410 U	420 U	1,100 U
SVOC	BENZYL BUTYL PHTHALATE	µg/kg	380 U	380 U	410 U	430 U	410 U	420 U	**630** J
SVOC	BIS(2-CHLOROETHOXY) METHANE	µg/kg	380 U	380 U	410 U	430 U	410 U	420 U	1,100 U
SVOC	BIS(2-CHLOROETHYL) ETHER	µg/kg	380 U	380 U	410 U	430 U	410 U	420 U	1,100 U
SVOC	BIS(2-ETHYLHEXYL) PHTHALATE	µg/kg	380 U	**19.0** J	410 U	430 U	410 U	**35.0** J	**140** J
SVOC	CHLOROBENZILATE	µg/Kg	380 U	380 U	410 U	430 U	410 U	420 U	1,100 U
SVOC	CHRYSENE	µg/kg	**33.0** J	**34.0** J	410 U	430 U	410 U	420 U	**6,400**
SVOC	DI-N-BUTYL PHTHALATE	µg/kg	380 U	380 U	410 U	430 U	410 U	420 U	1,100 U
SVOC	DI-N-OCTYLPHTHALATE	µg/kg	380 UJ	380 U	410 UJ	430 UJ	410 UJ	420 UJ	1,100 UJ
SVOC	DIALLATE (TOTAL OF CIS AND TRANS ISOMERS)	µg/Kg	380 U	380 U	410 U	430 U	410 U	420 U	1,100 U
SVOC	DIBENZ(A,H)ANTHRACENE	µg/kg	380 U	380 U	410 U	430 U	410 U	420 U	**1,200** J
SVOC	DIBENZOFURAN	µg/kg	380 U	380 U	410 U	430 U	410 U	420 U	**130** J
SVOC	DIETHYL PHTHALATE	µg/kg	380 U	380 U	410 U	430 U	410 U	420 U	1,100 U
SVOC	DIMETHYL PHTHALATE	µg/kg	380 U	380 U	410 U	430 U	410 U	420 U	1,100 U
SVOC	DIPHENYLAMINE	µg/Kg	380 U	380 U	410 U	430 U	410 U	420 U	1,100 U
SVOC	ETHYL METHANESULFONATE	µg/Kg	380 U	380 U	410 UJ	430 UJ	410 UJ	420 UJ	1,100 UJ
SVOC	FLUORANTHENE	µg/kg	**25.0** J	**19.0** J	**21.0** J	430 U	**12.0** J	**17.0** J	**16,000**
SVOC	FLUORENE	µg/kg	380 U	380 U	410 U	430 U	410 U	420 U	**380** J
SVOC	HEXACHLOROBENZENE	µg/kg	380 U	380 U	410 U	430 U	410 U	420 U	1,100 U
SVOC	HEXACHLOROBUTADIENE	µg/kg	380 U	380 U	410 U	430 U	410 U	420 U	1,100 U
SVOC	HEXACHLOROCYCLOPENTADIENE	µg/kg	380 U	380 U	410 U	430 U	410 U	420 U	1,100 U
SVOC	HEXACHLOROETHANE	µg/kg	380 U	380 U	410 U	430 U	410 U	420 U	1,100 U
SVOC	HEXACHLOROPHENE	µg/Kg	750 UJ	760 UJ	830 UJ	870 UJ	810 UJ	840 UJ	2,300 UJ
SVOC	HEXACHLOROPROPENE	µg/Kg	380 U	380 U	410 U	430 U	410 U	420 U	1,100 U
SVOC	INDENO(1,2,3-C,D)PYRENE	µg/kg	380 U	380 U	410 U	430 U	410 U	420 U	**4,800**
SVOC	ISODRIN	µg/Kg	380 U	380 U	410 U	430 U	410 U	420 U	1,100 U
SVOC	ISOPHORONE	µg/kg	380 U	380 U	410 U	430 U	410 U	420 U	1,100 U
SVOC	ISOSAFROLE	µg/Kg	380 U	380 U	410 U	430 U	410 U	420 U	1,100 U
SVOC	METHAPYRILENE	µg/Kg	380 UJ	380 U	410 U	430 U	410 U	420 U	1,100 U
SVOC	METHYL METHANESULFONATE	µg/Kg	380 U	380 U	410 U	430 U	410 U	420 U	1,100 U
SVOC	N-NITROSO-DI-N-BUTYLAMINE	µg/Kg	380 U	380 U	410 U	430 U	410 U	420 U	1,100 U
SVOC	N-NITROSODI-N-PROPYLAMINE	µg/kg	380 U	380 U	410 U	430 U	410 U	420 U	1,100 U
SVOC	N-NITROSODIETHYLAMINE	µg/Kg	380 U	380 U	410 UJ	430 UJ	410 UJ	420 UJ	1,100 UJ
SVOC	N-NITROSODIMETHYLAMINE	µg/Kg	380 UJ	380 UJ	410 U	430 U	410 U	420 U	1,100 U

J = Estimated value
U = Undetected
UJ = Undetected; Estimated detection limit
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Table 2
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Dow Midland Representative Soils Project

			6676-2-D	6676-2-M	6960-1-C	6960-1	6960-2-C	6960-2	706-1-C
			MidBlind_6676-2-D	MidBlind_6676-2-M	MidBlind_6960-1-C	MidBlind_6960-1	MidBlind_6960-2-C	MidBlind_6960-2	MidBlind_706-1-C
			10/30/2006	10/30/2006	11/13/2006	11/13/2006	11/13/2006	11/13/2006	11/13/2006
		Sam	1-6	1-6	0-1	0-1	1-6	1-6	0-1
			Soil	SOIL	Soil	Soil	Soil	Soil	Soil
Group	**Analyte**	**Units**							
SVOC	N-NITROSODIPHENYLAMINE	µg/kg	380 UJ	380 U	410 U	430 U	410 U	420 U	1,100 U
SVOC	N-NITROSOMETHYLETHYLAMINE	µg/Kg	380 UJ	380 U	410 U	430 U	410 U	420 U	1,100 U
SVOC	N-NITROSOMORPHOLINE	µg/Kg	380 U	380 U	410 U	430 U	410 U	420 U	1,100 U
SVOC	N-NITROSOPIPERIDINE	µg/Kg	380 U	380 U	410 U	430 U	410 U	420 U	1,100 U
SVOC	N-NITROSOPYRROLIDINE	µg/Kg	380 U	380 U	410 U	430 U	410 U	420 U	1,100 U
SVOC	NAPHTHALENE	µg/kg	380 U	380 U	410 U	430 U	410 U	420 U	1,100 U
SVOC	NITROBENZENE	µg/kg	380 U	380 U	410 U	430 U	410 U	420 U	1,100 U
SVOC	O-TOLUIDINE	µg/Kg	380 U	380 U	410 U	430 U	410 U	420 U	1,100 U
SVOC	P-DIMETHYLAMINOAZOBENZENE	µg/Kg	380 U	380 U	410 U	430 U	410 U	420 U	1,100 U
SVOC	P-PHENYLENEDIAMINE	µg/Kg	380 U	380 U	410 UJ	430 UJ	410 UJ	420 UJ	1,100 UJ
SVOC	PENTACHLOROBENZENE	µg/kg	380 U	380 U	410 U	430 U	410 U	420 U	1,100 U
SVOC	PENTACHLORONITROBENZENE	µg/kg	380 U	380 U	410 U	430 U	410 U	420 U	1,100 U
SVOC	PENTACHLOROPHENOL	µg/kg	910 UJ	920 UJ	1,000 UJ	1,100 UJ	980 UJ	1,000 UJ	**120** J
SVOC	PHENACETIN	µg/Kg	380 U	380 U	410 U	430 U	410 U	420 U	1,100 U
SVOC	PHENANTHRENE	µg/kg	**13.0** J	**16.0** J	**15.0** J	**10.0** J	**8.3** J	**11.0** J	**9,700**
SVOC	PHENOL	µg/kg	380 UJ	380 UJ	410 U	430 U	410 U	420 U	1,100 U
SVOC	PRONAMIDE	µg/Kg	380 U	380 U	410 U	430 U	410 U	420 U	1,100 U
SVOC	PYRENE	µg/kg	380 U	**21.0** J	**20.0** J	430 U	410 U	420 U	**13,000** J
SVOC	PYRIDINE	µg/kg	380 UJ	380 UJ	410 U	430 U	410 U	420 U	1,100 U
SVOC	SAFROLE	µg/Kg	380 U	380 U	410 U	430 U	410 U	420 U	1,100 U
SVOC	SYM-TRINITROBENZENE	µg/Kg	380 U	380 U	410 U	430 U	410 U	420 U	1,100 U
VOC	1,1,1,2-TETRACHLOROETHANE	µg/kg	59.0 U	64.0 U	55.0 U	66.0 U	61.0 U	59.0 U	50.0 U
VOC	1,1,1-TRICHLOROETHANE	µg/kg	59.0 U	64.0 U	55.0 U	66.0 U	61.0 U	59.0 U	50.0 U
VOC	1,1,2,2-TETRACHLOROETHANE	µg/kg	59.0 U	64.0 U	55.0 U	66.0 U	61.0 U	59.0 U	50.0 U
VOC	1,1,2-TRICHLOROETHANE	µg/kg	59.0 U	64.0 U	55.0 U	66.0 U	61.0 U	59.0 U	50.0 U
VOC	1,1-DICHLOROETHANE	µg/kg	59.0 U	64.0 U	55.0 U	66.0 U	61.0 U	59.0 U	50.0 U
VOC	1,1-DICHLOROETHENE	µg/kg	59.0 U	64.0 U	55.0 U	66.0 U	61.0 U	59.0 U	50.0 U
VOC	1,2,3-TRICHLOROPROPANE	µg/kg	59.0 U	64.0 U	55.0 U	66.0 U	61.0 U	59.0 U	50.0 U
VOC	1,2-DIBROMOETHANE (EDB)	µg/kg	59.0 U	64.0 U	55.0 U	66.0 U	61.0 U	59.0 U	50.0 U
VOC	1,2-DICHLOROBENZENE	µg/kg	380 U	380 U	410 U	430 U	410 U	420 U	1,100 U
VOC	1,2-DICHLOROETHANE	µg/kg	59.0 U	64.0 U	55.0 U	66.0 U	61.0 U	59.0 U	50.0 U
VOC	1,2-DICHLOROPROPANE	µg/kg	59.0 U	64.0 U	55.0 U	66.0 U	61.0 U	59.0 U	50.0 U
VOC	1,3-DICHLOROBENZENE	µg/kg	380 U	380 U	410 U	430 U	410 U	420 U	1,100 U
VOC	1,4-DICHLOROBENZENE	µg/kg	380 UJ	380 UJ	410 U	430 U	410 U	420 U	1,100 U
VOC	2-HEXANONE	µg/kg	59.0 U	64.0 U	55.0 U	66.0 U	61.0 U	59.0 U	50.0 U
VOC	ACETONE	µg/kg	130 UJ	1,300 U	1,100 UJ	1,300 UJ	1,200 UJ	1,200 UJ	990 UJ
VOC	ACETONITRILE	µg/kg	1,200 UJ	1,300 UJ	1,100 UJ	1,300 UJ	1,200 UJ	1,200 UJ	990 UJ
VOC	ACROLEIN	µg/kg	590 UJ	640 UJ	550 UJ	660 UJ	610 UJ	590 UJ	500 UJ
VOC	ACRYLONITRILE	µg/kg	590 U	640 U	550 U	660 U	610 U	590 U	500 U
VOC	ALLYL CHLORIDE (3-CHLOROPROPENE)	µg/Kg	120 U	130 U	110 U	130 U	120 U	120 U	99.0 U
VOC	BENZENE	µg/kg	59.0 U	64.0 U	55.0 U	66.0 U	61.0 U	59.0 U	50.0 U
VOC	BROMODICHLOROMETHANE	µg/kg	59.0 U	64.0 U	55.0 U	66.0 U	61.0 U	59.0 U	50.0 U
VOC	BROMOFORM	µg/kg	59.0 U	64.0 U	55.0 U	66.0 U	61.0 U	59.0 U	50.0 U
VOC	BROMOMETHANE	µg/kg	120 U	130 U	110 U	130 U	120 U	120 U	99.0 U
VOC	CARBON DISULFIDE	µg/kg	59.0 U	64.0 U	55.0 U	66.0 U	61.0 U	59.0 U	50.0 U
VOC	CARBON TETRACHLORIDE	µg/kg	59.0 U	64.0 U	55.0 U	66.0 U	61.0 U	59.0 U	50.0 U
VOC	CHLOROBENZENE	µg/kg	59.0 U	64.0 U	55.0 U	66.0 U	61.0 U	59.0 U	50.0 U
VOC	CHLOROETHANE	µg/kg	59.0 U	64.0 U	55.0 UJ	66.0 UJ	61.0 UJ	59.0 UJ	50.0 UJ
VOC	CHLOROFORM	µg/kg	59.0 U	64.0 U	55.0 U	66.0 U	61.0 U	59.0 U	50.0 U
VOC	CHLOROMETHANE	µg/kg	59.0 UJ	64.0 U	55.0 U	66.0 U	61.0 U	59.0 U	50.0 U
VOC	CHLOROPRENE (2-CHLORO-1,3-BUTADIENE)	µg/Kg	590 U	640 U	550 U	660 U	610 U	590 U	500 U
VOC	CIS-1,3-DICHLOROPROPENE	µg/Kg	59.0 U	64.0 UJ	55.0 U	66.0 U	61.0 U	59.0 U	50.0 U
VOC	DIBROMOCHLOROMETHANE	µg/kg	59.0 U	64.0 U	55.0 U	66.0 U	61.0 U	59.0 U	50.0 U
VOC	DIBROMOMETHANE	µg/kg	59.0 U	64.0 U	55.0 U	66.0 U	61.0 U	59.0 U	50.0 U
VOC	DICHLORODIFLUOROMETHANE	µg/kg	59.0 U	64.0 U	55.0 U	66.0 U	61.0 U	59.0 U	50.0 U
VOC	ETHYL BENZENE	µg/kg	59.0 U	64.0 UJ	55.0 U	66.0 U	61.0 U	59.0 U	50.0 U
VOC	ETHYL METHACRYLATE	µg/Kg	120 U	130 U	110 U	130 U	120 U	120 U	99.0 U
VOC	ISOBUTANOL	µg/kg	5,900 U	6,400 UJ	5,500 UJ	6,600 UJ	6,100 UJ	5,900 UJ	5,000 UJ
VOC	METHYL ETHYL KETONE (2-BUTANONE)	µg/kg	290 U	320 U	280 U	330 U	300 U	290 U	250 U
VOC	METHYL IODIDE (IODOMETHANE)	µg/Kg	59.0 UJ	64.0 UJ	55.0 U	66.0 U	61.0 U	59.0 U	50.0 U
VOC	METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	µg/kg	120 U	130 U	110 U	130 U	120 U	120 U	99.0 U
VOC	METHYL METHACRYLATE	µg/Kg	120 U	130 U	110 U	130 U	120 U	120 U	99.0 U
VOC	METHYLACRYLONITRILE	µg/Kg	290 U	320 U	280 U	330 U	300 U	290 U	250 U
VOC	METHYLENE CHLORIDE	µg/kg	290 U	320 U	280 U	330 U	300 U	290 U	250 U
VOC	PENTOCHLORETHANE	µg/Kg	380 U	380 U	410 U	430 U	410 U	420 U	1,100 U
VOC	PROPIONITRILE, ETHYL CYANIDE	µg/Kg	1,200 UJ	1,300 UJ	1,100 UJ	1,300 UJ	1,200 UJ	1,200 UJ	990 UJ
VOC	STYRENE	µg/kg	59.0 U	64.0 U	55.0 U	66.0 U	61.0 U	59.0 U	50.0 U
VOC	TETRACHLOROETHENE (PCE)	µg/kg	59.0 U	64.0 U	55.0 U	66.0 U	61.0 U	59.0 U	50.0 U
VOC	TOLUENE	µg/kg	**1,000** J	64.0 UJ	55.0 U	**290**	61.0 U	**370**	**830**
VOC	TRANS-1,2-DICHLOROETHENE	µg/kg	59.0 U	64.0 U	55.0 U	66.0 U	61.0 U	59.0 U	50.0 U
VOC	TRANS-1,3-DICHLOROPROPENE	µg/Kg	59.0 U	64.0 U	55.0 U	66.0 U	61.0 U	59.0 U	50.0 U
VOC	TRANS-1,4-DICHLORO-2-BUTENE	µg/Kg	59.0 U	64.0 U	55.0 U	66.0 U	61.0 U	59.0 U	50.0 U
VOC	TRICHLOROETHENE (TCE)	µg/kg	59.0 U	64.0 U	55.0 U	66.0 U	61.0 U	59.0 U	50.0 U
VOC	TRICHLOROFLUOROMETHANE	µg/kg	59.0 U	64.0 U	55.0 U	66.0 U	61.0 U	59.0 U	50.0 U
VOC	VINYL ACETATE	µg/kg	59.0 U	64.0 U	55.0 U	66.0 U	61.0 U	59.0 U	50.0 U
VOC	VINYL CHLORIDE	µg/kg	59.0 U	64.0 UJ	55.0 U	66.0 U	61.0 U	59.0 U	50.0 U
VOC	XYLENES, TOTAL	µg/kg	180 U	190 U	170 U	200 U	180 U	180 U	150 U

J = Estimated value
U = Undetected
UJ = Undetected; Estimated detection limit
Bold = analyte detected

Table 2
Potential Constituents of Concern (PCOI) Soil Analytical Results
Dow Midland Representative Soils Project

			706-1	706-2-C	706-2	7500-1	7500-2	7530-1-D	7530-1
			MidBlind_706-1	MidBlind_706-2-C	MidBlind_706-2	MidBlind_7500-1	MidBlind_7500-2	MidBlind_7530-1-D	MidBlind_7530-1
			11/13/2006	11/13/2006	11/13/2006	11/13/2006	11/13/2006	10/30/2006	10/30/2006
		Sam	0-1	1-6	1-6	0-1	1-6	0-1	0-1
			Soil	Soil	Soil	Soil	Soil	SOIL	Soil
Group	**Analyte**	**Units**							
GEN	CYANIDE, TOTAL	µg/kg	**250**	**1,400**	**270**	**16.0** J	**210**	120 U	**41.0** J
GEN	SULFIDE	mg/Kg	86.0 U	88.0 U	86.0 U	130 U	110 U	94.0 U	93.0 U
GEN	TOTAL ORGANIC CARBON	mg/kg	100 U	**7,800**	**4,700**	**62,000**	**51,000**	**7,900**	**7,700**
HERB	2,4,5-T (TRICHLOROPHENOXYACETIC ACID)	µg/Kg	18.0 U	19.0 U	18.0 U	27.0 U	24.0 U	20.0 U	20.0 U
HERB	2,4-D (DICHLOROPHENOXYACETIC ACID)	µg/kg	18.0 U	19.0 U	18.0 U	**29.0**	**65.0** J	20.0 U	20.0 U
HERB	DINOSEB	µg/kg	350 U	360 U	360 UJ	520 UJ	460 UJ	390 U	380 U
HERB	SILVEX (2,4,5-TP)	µg/kg	18.0 U	19.0 U	18.0 U	27.0 U	24.0 U	20.0 U	20.0 U
MET	ANTIMONY	µg/kg	1,000 U	**1,900** J	1,000 U	**1,800** J	670 U	230 U	220 U
MET	ARSENIC	µg/kg	**3,800** J	**2,900**	**3,400** J	**11,000**	**13,000**	**760** J	**590** J
MET	BARIUM	µg/kg	**16,000**	**19,000**	**17,000**	**53,000**	**63,000**	**16,000**	**14,000**
MET	BERYLLIUM	µg/kg	49.0 U	**86.0** J	**100** J	**500**	**580**	**99.0** J	**85.0** J
MET	CADMIUM	µg/kg	97.0 U	330 U	68.0 U	800 U	**860**	**90.0** J	**80.0** J
MET	CHROMIUM, TOTAL	µg/kg	**8,400**	**6,400**	**5,500**	**7,900**	**9,100**	**2,600**	**2,200**
MET	COBALT	µg/kg	**1,500** J	**1,400**	**1,700** J	**1,900**	**2,200**	**730**	**600**
MET	COPPER	µg/kg	**19,000**	**20,000**	**19,000**	**34,000**	**50,000**	**3,800**	**3,200**
MET	LEAD	µg/kg	**32,000**	**56,000**	**32,000**	**88,000**	**89,000**	**4,200**	**3,600**
MET	MERCURY	µg/kg	**28.0**	23.0 U	24.0 U	**120**	**68.0**	**14.0**	**8.6** J
MET	NICKEL	µg/kg	**5,500**	**5,500**	**5,900**	**8,000**	**9,500**	**2,000**	**1,600**
MET	SELENIUM	µg/kg	**5,000**	460 U	**6,900**	670 U	**920**	500 U	490 U
MET	SILVER	µg/kg	**1,100** J	52.0 U	**810** J	74.0 U	67.0 U	55.0 U	55.0 U
MET	THALLIUM	µg/kg	900 U	190 U	920 U	270 U	240 U	200 U	200 U
MET	TIN	mg/kg	2.4 U	0.49 U	2.4 U	0.71 U	0.63 U	0.53 U	0.52 U
MET	VANADIUM	µg/kg	**6,100**	**6,700**	**8,400**	**15,000**	**17,000**	**6,500**	**5,300**
MET	ZINC	µg/kg	57,000 U	54,000 U	58,000 U	**83,000**	**82,000**	**12,000**	**10,000**
PCB	PCB-1016 (AROCLOR 1016)	µg/Kg	350 U	360 U	710 U	52.0 U	46.0 U	77.0 U	190 U
PCB	PCB-1221 (AROCLOR 1221)	µg/Kg	350 U	360 U	710 U	52.0 U	46.0 U	77.0 U	190 U
PCB	PCB-1232 (AROCLOR 1232)	µg/Kg	350 U	360 U	710 U	52.0 U	46.0 U	77.0 U	190 U
PCB	PCB-1242 (AROCLOR 1242)	µg/Kg	350 U	360 U	710 U	52.0 U	46.0 U	77.0 U	190 U
PCB	PCB-1248 (AROCLOR 1248)	µg/Kg	350 U	360 U	710 U	52.0 U	46.0 U	77.0 U	190 U
PCB	PCB-1254 (AROCLOR 1254)	µg/Kg	350 U	360 U	710 U	52.0 U	46.0 U	77.0 U	190 U
PCB	PCB-1260 (AROCLOR 1260)	µg/Kg	350 U	360 U	710 U	52.0 U	46.0 U	77.0 U	190 U
PCB	PCB-1262 (AROCLOR 1262)	µg/Kg	350 U	360 U	710 U	52.0 U	46.0 U	77.0 U	190 U
PCB	PCB-1268 (AROCLOR 1268)	µg/Kg	350 U	360 U	710 U	52.0 U	46.0 U	77.0 U	190 U
PCB	SUMMED PCB	µg/Kg	1600	1600	3200	**230**	**210**	**350**	**850**
PEST	1,2-DIBROMO-3-CHLOROPROPANE	µg/kg	54.0 U	61.0 U	56.0 U	83.0 U	65.0 U	47.0 U	50.0 U
PEST	4,4'-DDD	µg/kg	**79.0** J	**370** J	**130** J	**1.9** J	28.0 U	47.0 U	110 U
PEST	4,4'-DDE	µg/kg	**250**	**820** J	**310** J	32.0 U	28.0 U	47.0 U	**41.0** J
PEST	4,4'-DDT	µg/kg	**500**	**2,700**	**830**	32.0 U	**1.8** J	47.0 U	110 U
PEST	ALDRIN	µg/kg	210 U	2,200 U	430 U	32.0 U	28.0 U	47.0 U	110 U
PEST	ALPHA BHC	µg/kg	210 U	2,200 U	430 U	**2.2** J	**3.4** J	47.0 U	110 U
PEST	BETA BHC	µg/kg	210 U	2,200 U	430 U	32.0 U	28.0 U	47.0 U	110 U
PEST	CHLORDANE	µg/kg	270 U	2,700 U	540 U	39.0 U	35.0 U	59.0 UJ	**310** J
PEST	DELTA BHC	µg/Kg	210 U	2,200 U	430 U	32.0 U	**2.4** J	47.0 U	110 U
PEST	DIELDRIN	µg/kg	210 U	2,200 U	430 U	**1.5** J	28.0 U	47.0 U	110 U
PEST	DIMETHOATE	µg/Kg	700 U	720 U	710 U	1,000 U	930 U	770 U	770 U
PEST	DISULFOTON	µg/Kg	700 U	720 U	710 U	1,000 U	930 U	770 U	770 U
PEST	ENDOSULFAN I	µg/Kg	210 U	2,200 U	430 U	32.0 U	28.0 U	**22.0** J	110 U
PEST	ENDOSULFAN II	µg/Kg	210 U	2,200 U	430 U	32.0 U	28.0 U	47.0 U	**6.9** J
PEST	ENDOSULFAN SULFATE	µg/Kg	210 U	2,200 U	430 U	32.0 U	28.0 U	47.0 U	**31.0** J
PEST	ENDRIN	µg/kg	210 U	2,200 U	430 U	32.0 U	28.0 U	47.0 U	110 U
PEST	ENDRIN ALDEHYDE	µg/Kg	210 U	2,200 U	430 U	32.0 U	28.0 U	47.0 U	110 U
PEST	FAMPHUR	µg/Kg	700 UJ	720 UJ	710 UJ	1,000 UJ	930 UJ	770 UJ	770 UJ
PEST	GAMMA BHC (LINDANE)	µg/kg	210 U	2,200 U	430 U	32.0 U	28.0 U	47.0 U	110 U
PEST	HEPTACHLOR	µg/kg	210 U	2,200 U	430 U	32.0 U	28.0 U	47.0 U	110 U
PEST	HEPTACHLOR EPOXIDE	µg/kg	**110** J	2,200 U	**27.0** J	32.0 U	28.0 U	**5.9** J	**6.7** J
PEST	KEPONE	µg/Kg	1,800 U	1,800 U	1,800 U	2,600 U	2,400 U	2,000 U	1,900 U
PEST	METHOXYCHLOR	µg/kg	530 U	5,400 UJ	1,100 U	79.0 U	**5.9** J	120 U	290 U
PEST	O,O,O-TRIETHYL PHOSPHOROTHIOATE	µg/Kg	350 U	360 U	360 U	520 U	460 U	390 U	380 U
PEST	O,O-DIETHYL O-2-PYRAZINYL PHOSPHOROTHIOATE (THIONAZIN)	µg/Kg	350 U	360 U	360 U	520 U	460 U	390 U	380 U
PEST	PARATHION, ETHYL (PARATHION)	µg/Kg	350 U	360 U	360 U	520 U	460 U	390 U	380 U
PEST	PARATHION, METHYL	µg/kg	700 U	720 U	710 U	1,000 U	930 U	770 U	770 U
PEST	PHORATE	µg/Kg	700 UJ	720 U	710 UJ	1,000 UJ	930 UJ	770 U	770 U
PEST	TETRAETHYL DITHIOPYROPHOSPHATE (SULFOTEPP)	µg/Kg	700 U	720 U	710 U	1,000 U	930 U	770 U	770 U
PEST	TOXAPHENE	µg/kg	1,800 U	19,000 U	3,700 U	270 U	240 U	400 U	970 U
SVOC	1,2,4,5-TETRACHLOROBENZENE	µg/kg	350 U	360 U	360 U	520 U	460 U	390 U	380 U
SVOC	1,3-DINITROBENZENE	µg/Kg	350 U	360 U	360 U	520 U	460 U	390 U	380 U
SVOC	1,4-DIOXANE	µg/kg	350 UJ	360 U	360 UJ	520 UJ	460 UJ	390 U	380 U
SVOC	1,4-NAPHTHOQUINONE	µg/Kg	700 U	720 U	710 UJ	1,000 UJ	930 UJ	770 U	770 U
SVOC	1-NAPHTHYLAMINE	µg/Kg	350 U	360 U	360 U	520 U	460 U	390 U	380 U
SVOC	2,2'-OXYBIS(1-CHLOROPROPANE)	µg/Kg	350 U	360 U	360 U	520 U	460 U	390 U	380 U
SVOC	2,3,4,6-TETRACHLOROPHENOL	µg/Kg	350 U	360 U	360 U	520 U	**30.0** J	390 U	380 U
SVOC	2,4,5-TRICHLOROPHENOL	µg/kg	350 U	360 U	360 U	520 U	460 U	390 U	380 U
SVOC	2,4,6-TRICHLOROPHENOL	µg/kg	350 U	360 UJ	360 U	520 U	460 U	390 U	380 U
SVOC	2,4-DICHLOROPHENOL	µg/kg	350 U	360 UJ	360 U	520 U	460 U	390 U	380 U
SVOC	2,4-DIMETHYLPHENOL	µg/kg	350 U	360 U	360 U	520 U	460 U	390 U	380 U
SVOC	2,4-DINITROPHENOL	µg/Kg	1,800 U	1,800 U	1,800 UJ	2,600 UJ	2,400 UJ	2,000 U	1,900 U
SVOC	2,4-DINITROTOLUENE	µg/kg	350 U	360 U	360 U	520 U	460 U	390 U	380 U
SVOC	2,6-DICHLOROPHENOL	µg/Kg	350 U	360 U	360 U	520 U	460 U	390 U	380 U

J = Estimated value
U = Undetected
UJ = Undetected; Estimated detection limit
Bold = analyte detected

Table 2
Potential Constituents of Concern (PCOI) Soil Analytical Results
Dow Midland Representative Soils Project

			706-1	706-2-C	706-2	7500-1	7500-2	7530-1-D	7530-1
			MidBlind_706-1	MidBlind_706-2-C	MidBlind_706-2	MidBlind_7500-1	MidBlind_7500-2	MidBlind_7530-1-D	MidBlind_7530-1
			11/13/2006	11/13/2006	11/13/2006	11/13/2006	11/13/2006	10/30/2006	10/30/2006
		Sam	0-1	1-6	1-6	0-1	1-6	0-1	0-1
			Soil	Soil	Soil	Soil	Soil	SOIL	Soil
Group	**Analyte**	**Units**							
SVOC	2,6-DINITROTOLUENE	µg/Kg	350 U	360 U	360 U	520 U	460 U	390 U	380 U
SVOC	2-Acetylaminofluorene	µg/Kg	350 U	360 U	360 U	520 U	460 U	390 U	380 U
SVOC	2-CHLORONAPHTHALENE	µg/kg	350 U	360 U	360 U	520 U	460 U	390 U	380 U
SVOC	2-CHLOROPHENOL	µg/kg	350 U	360 U	360 U	520 U	460 U	390 U	380 U
SVOC	2-METHYLNAPHTHALENE	µg/kg	350 U	**8.3** J	360 U	520 U	**14.0** J	390 U	380 U
SVOC	2-METHYLPHENOL (O-CRESOL)	µg/Kg	350 U	360 U	360 U	520 U	460 U	390 U	380 U
SVOC	2-NAPHTHYLAMINE	µg/Kg	350 U	360 U	360 U	520 U	460 U	390 U	380 U
SVOC	2-NITROANILINE	µg/Kg	1,800 U	1,800 U	1,800 U	2,600 U	2,400 U	2,000 U	1,900 U
SVOC	2-NITROPHENOL	µg/kg	350 U	360 U	360 U	520 U	460 U	390 U	380 U
SVOC	3 & 4-METHYLPHENOL (M,P-CRESOL)	µg/Kg	350 U	360 U	360 U	520 U	460 U	390 U	380 U
SVOC	3,3'-DICHLOROBENZIDINE	µg/kg	700 U	720 U	710 U	1,000 U	930 U	770 U	770 U
SVOC	3,3'-DIMETHYLBENZIDINE	µg/Kg	350 U	360 U	360 U	520 U	460 U	390 U	380 U
SVOC	3-METHYLCHOLANTHRENE	µg/Kg	350 U	360 U	360 U	520 U	460 U	390 U	380 U
SVOC	3-NITROANILINE	µg/Kg	1,800 U	1,800 U	1,800 U	2,600 U	2,400 U	2,000 U	1,900 U
SVOC	4,6-DINITRO-2-METHYLPHENOL	µg/kg	1,800 U	1,800 U	1,800 U	2,600 U	2,400 U	2,000 U	1,900 U
SVOC	4-AMINOBIPHENYL	µg/Kg	350 U	360 U	360 U	520 U	460 U	390 U	380 U
SVOC	4-BROMOPHENYL PHENYL ETHER	µg/Kg	350 U	360 U	360 U	520 U	460 U	390 U	380 U
SVOC	4-CHLORO-3-METHYLPHENOL	µg/kg	350 U	360 U	360 U	520 U	460 U	390 U	380 U
SVOC	4-CHLOROANILINE	µg/Kg	350 U	360 U	360 U	520 U	460 U	390 U	380 U
SVOC	4-CHLOROPHENYL PHENYL ETHER	µg/Kg	350 U	360 U	360 U	520 U	460 U	390 U	380 U
SVOC	4-NITROANILINE	µg/Kg	1,800 U	1,800 U	1,800 U	2,600 U	2,400 U	2,000 U	1,900 U
SVOC	4-NITROPHENOL	µg/Kg	1,800 U	1,800 U	1,800 U	2,600 U	2,400 U	2,000 U	1,900 U
SVOC	4-NITROQUINOLINE-1-OXIDE	µg/Kg	350 UJ	360 UJ	360 U	520 U	460 U	390 U	380 U
SVOC	5-NITRO-O-TOLUIDINE	µg/Kg	350 U	360 U	360 U	520 U	460 U	390 U	380 U
SVOC	7,12-DIMETHYLBENZ(A)ANTHRACENE	µg/Kg	350 U	360 U	360 U	520 U	460 U	390 U	380 U
SVOC	ACENAPHTHENE	µg/kg	**33.0** J	**49.0** J	**14.0** J	520 U	460 U	390 UJ	380 UJ
SVOC	ACENAPHTHYLENE	µg/kg	350 U	360 U	360 U	520 U	460 U	390 U	380 U
SVOC	ACETOPHENONE	µg/kg	350 U	360 U	360 U	520 U	460 U	390 U	380 U
SVOC	ALPHA, ALPHA DIMETHYLPHENETHYLAMINE	µg/Kg	350 UJ	360 U	360 U	520 U	460 U	390 U	380 U
SVOC	ANILINE	µg/kg	350 U	360 U	360 U	520 U	460 U	390 U	380 U
SVOC	ANTHRACENE	µg/kg	350 U	**220** J	360 U	520 U	460 U	390 U	380 U
SVOC	ARAMITE (TOTAL)	µg/Kg	350 U	360 U	360 U	520 U	460 U	390 U	380 U
SVOC	BENZO(A)ANTHRACENE	µg/kg	**850**	**1,500**	360 U	520 U	460 U	390 U	380 U
SVOC	BENZO(A)PYRENE	µg/kg	**1,100** J	**1,500** J	**450** J	**42.0** J	**63.0** J	390 UJ	380 UJ
SVOC	BENZO(B)FLUORANTHENE	µg/kg	**1,500**	**1,800**	**620**	**81.0** J	**94.0** J	390 U	380 U
SVOC	BENZO(G,H,I)PERYLENE	µg/kg	**1,200** J	**1,300**	**510** J	**68.0** J	**100.0** J	390 U	380 U
SVOC	BENZO(K)FLUORANTHENE	µg/kg	**570** J	**570**	**210** J	**20.0** J	**26.0** J	390 U	380 UJ
SVOC	BENZYL ALCOHOL	µg/kg	350 U	360 U	360 U	520 U	460 U	390 U	380 U
SVOC	BENZYL BUTYL PHTHALATE	µg/kg	350 U	**42.0** J	**14.0** J	520 UJ	460 U	390 U	380 U
SVOC	BIS(2-CHLOROETHOXY) METHANE	µg/Kg	350 U	360 U	360 U	520 U	460 U	390 U	380 U
SVOC	BIS(2-CHLOROETHYL) ETHER	µg/kg	350 U	360 U	360 U	520 U	460 U	390 U	380 U
SVOC	BIS(2-ETHYLHEXYL) PHTHALATE	µg/kg	**50.0** J	**110** J	**47.0** J	**84.0** J	**90.0** J	390 U	380 U
SVOC	CHLOROBENZILATE	µg/Kg	350 U	360 U	360 U	520 U	460 U	390 U	380 U
SVOC	CHRYSENE	µg/kg	**1,400**	**1,600**	**470**	520 U	460 U	390 U	380 U
SVOC	DI-N-BUTYL PHTHALATE	µg/kg	350 U	360 U	360 U	520 U	460 U	390 U	380 U
SVOC	DI-N-OCTYLPHTHALATE	µg/kg	350 UJ	360 UJ	360 UJ	520 UJ	460 U	390 U	380 U
SVOC	DIALLATE (TOTAL OF CIS AND TRANS ISOMERS)	µg/Kg	350 U	360 U	360 U	520 U	460 U	390 U	380 U
SVOC	DIBENZ(A,H)ANTHRACENE	µg/kg	**260** J	**570**	**120** J	520 U	460 U	390 U	380 U
SVOC	DIBENZOFURAN	µg/kg	350 U	**26.0** J	360 U	520 U	460 U	390 U	380 U
SVOC	DIETHYL PHTHALATE	µg/kg	350 U	360 U	360 U	520 U	460 U	390 U	380 U
SVOC	DIMETHYL PHTHALATE	µg/kg	350 U	360 U	360 U	520 U	460 U	390 U	380 U
SVOC	DIPHENYLAMINE	µg/Kg	350 U	360 U	360 U	520 U	460 U	390 U	380 U
SVOC	ETHYL METHANESULFONATE	µg/Kg	350 U	360 UJ	360 U	520 U	460 U	390 U	380 U
SVOC	FLUORANTHENE	µg/kg	**2,400**	**4,400**	**1,100**	**53.0** J	**80.0** J	390 U	380 U
SVOC	FLUORENE	µg/kg	**40.0** J	**75.0** J	**16.0** J	520 U	460 U	390 U	380 U
SVOC	HEXACHLOROBENZENE	µg/kg	350 U	360 U	360 U	520 U	460 U	390 U	380 U
SVOC	HEXACHLOROBUTADIENE	µg/kg	350 U	360 U	360 U	520 U	460 U	390 U	380 U
SVOC	HEXACHLOROCYCLOPENTADIENE	µg/kg	350 U	360 U	360 U	520 U	460 U	390 U	380 U
SVOC	HEXACHLOROETHANE	µg/kg	350 U	360 U	360 U	520 U	460 U	390 U	380 U
SVOC	HEXACHLOROPHENE	µg/Kg	700 UJ	720 UJ	710 UJ	1,000 UJ	930 UJ	770 UJ	770 UJ
SVOC	HEXACHLOROPROPENE	µg/Kg	350 U	360 U	360 U	520 U	460 U	390 U	380 U
SVOC	INDENO(1,2,3-C,D)PYRENE	µg/kg	**1,400**	**2,300**	**610** J	520 UJ	**52.0** J	390 U	380 U
SVOC	ISODRIN	µg/Kg	350 U	360 U	360 U	520 U	460 U	390 U	380 U
SVOC	ISOPHORONE	µg/kg	350 U	360 U	360 U	520 U	460 U	390 U	380 U
SVOC	ISOSAFROLE	µg/Kg	350 U	360 U	360 U	520 U	460 U	390 U	380 U
SVOC	METHAPYRILENE	µg/Kg	350 U	360 U	360 U	520 U	460 U	390 U	380 U
SVOC	METHYL METHANESULFONATE	µg/Kg	350 U	360 U	360 U	520 U	460 U	390 U	380 U
SVOC	N-NITROSO-DI-N-BUTYLAMINE	µg/Kg	350 U	360 U	360 U	520 U	460 U	390 U	380 U
SVOC	N-NITROSODI-N-PROPYLAMINE	µg/kg	350 U	360 U	360 U	520 U	460 U	390 U	380 U
SVOC	N-NITROSODIETHYLAMINE	µg/Kg	350 UJ	360 UJ	360 U	520 U	460 U	390 U	380 U
SVOC	N-NITROSODIMETHYLAMINE	µg/Kg	350 U	360 U	360 U	520 U	460 U	390 UJ	380 UJ

J = Estimated value
U = Undetected
UJ = Undetected; Estimated detection limit
Bold = analyte detected

Table 2
Potential Constituents of Concern (PCOI) Soil Analytical Results
Dow Midland Representative Soils Project

			706-1	706-2-C	706-2	7500-1	7500-2	7530-1-D	7530-1
			MidBlind_706-1	MidBlind_706-2-C	MidBlind_706-2	MidBlind_7500-1	MidBlind_7500-2	MidBlind_7530-1-D	MidBlind_7530-1
			11/13/2006	11/13/2006	11/13/2006	11/13/2006	11/13/2006	10/30/2006	10/30/2006
		Sam	0-1	1-6	1-6	0-1	1-6	0-1	0-1
			Soil	Soil	Soil	Soil	Soil	SOIL	Soil
Group	**Analyte**	**Units**							
SVOC	N-NITROSODIPHENYLAMINE	µg/kg	350 U	360 U	360 U	520 U	460 U	390 U	380 U
SVOC	N-NITROSOMETHYLETHYLAMINE	µg/Kg	350 U	360 U	360 U	520 U	460 U	390 U	380 U
SVOC	N-NITROSOMORPHOLINE	µg/Kg	350 U	360 U	360 U	520 U	460 U	390 U	380 U
SVOC	N-NITROSOPIPERIDINE	µg/Kg	350 U	360 U	360 U	520 U	460 U	390 U	380 U
SVOC	N-NITROSOPYRROLIDINE	µg/Kg	350 U	360 U	360 U	520 U	460 U	390 U	380 U
SVOC	NAPHTHALENE	µg/kg	350 U	360 U	360 U	520 U	**49.0** J	390 U	380 U
SVOC	NITROBENZENE	µg/kg	350 U	360 U	360 U	520 U	460 U	390 U	380 U
SVOC	O-TOLUIDINE	µg/Kg	350 U	360 U	360 U	520 U	460 U	390 U	380 U
SVOC	P-DIMETHYLAMINOAZOBENZENE	µg/Kg	350 U	360 U	360 U	520 U	460 U	390 U	380 U
SVOC	P-PHENYLENEDIAMINE	µg/Kg	350 UJ	360 UJ	360 UJ	520 UJ	460 UJ	390 U	380 U
SVOC	PENTACHLOROBENZENE	µg/kg	350 U	360 U	360 U	520 U	460 U	390 U	380 U
SVOC	PENTACHLORONITROBENZENE	µg/kg	350 U	360 U	360 U	520 U	460 U	390 U	380 U
SVOC	PENTACHLOROPHENOL	µg/kg	850 U	**55.0** J	860 U	1,300 U	1,100 UJ	940 UJ	930 UJ
SVOC	PHENACETIN	µg/Kg	350 U	360 U	360 U	520 U	460 U	390 U	380 U
SVOC	PHENANTHRENE	µg/kg	**1,500**	**2,200**	**550**	**37.0** J	**50.0** J	390 U	380 U
SVOC	PHENOL	µg/kg	350 U	360 U	360 U	520 U	460 U	390 UJ	380 UJ
SVOC	PRONAMIDE	µg/Kg	350 U	360 U	360 U	520 U	460 U	390 U	380 U
SVOC	PYRENE	µg/kg	**2,900** J	**2,800**	**1,200** J	**80.0** J	**97.0** J	390 U	380 U
SVOC	PYRIDINE	µg/kg	350 U	360 U	360 U	520 U	460 U	390 UJ	380 UJ
SVOC	SAFROLE	µg/Kg	350 U	360 U	360 U	520 U	460 U	390 U	380 U
SVOC	SYM-TRINITROBENZENE	µg/Kg	350 U	360 U	360 U	520 U	460 U	390 U	380 U
VOC	1,1,1,2-TETRACHLOROETHANE	µg/kg	54.0 U	61.0 U	56.0 U	83.0 U	65.0 U	47.0 U	50.0 U
VOC	1,1,1-TRICHLOROETHANE	µg/kg	54.0 U	61.0 U	56.0 U	83.0 U	65.0 U	47.0 U	50.0 U
VOC	1,1,2,2-TETRACHLOROETHANE	µg/kg	54.0 U	61.0 U	56.0 U	83.0 U	65.0 U	47.0 U	50.0 U
VOC	1,1,2-TRICHLOROETHANE	µg/kg	54.0 U	61.0 U	56.0 U	83.0 U	65.0 U	47.0 U	50.0 U
VOC	1,1-DICHLOROETHANE	µg/kg	54.0 U	61.0 U	56.0 U	83.0 U	65.0 U	47.0 U	50.0 U
VOC	1,1-DICHLOROETHENE	µg/kg	54.0 U	61.0 U	56.0 U	83.0 U	65.0 U	47.0 U	50.0 U
VOC	1,2,3-TRICHLOROPROPANE	µg/kg	54.0 U	61.0 U	56.0 U	83.0 U	65.0 U	47.0 U	50.0 U
VOC	1,2-DIBROMOETHANE (EDB)	µg/kg	54.0 U	61.0 U	56.0 U	83.0 U	65.0 U	47.0 U	50.0 U
VOC	1,2-DICHLOROBENZENE	µg/kg	350 U	360 U	360 U	520 U	460 U	390 U	380 U
VOC	1,2-DICHLOROETHANE	µg/kg	54.0 U	61.0 U	56.0 U	83.0 U	65.0 U	47.0 U	50.0 U
VOC	1,2-DICHLOROPROPANE	µg/kg	54.0 U	61.0 U	56.0 U	83.0 U	65.0 U	47.0 U	50.0 U
VOC	1,3-DICHLOROBENZENE	µg/kg	350 U	360 U	360 U	520 U	460 U	390 U	380 U
VOC	1,4-DICHLOROBENZENE	µg/kg	350 U	360 U	360 U	520 U	460 U	390 UJ	380 UJ
VOC	2-HEXANONE	µg/kg	54.0 U	61.0 U	56.0 U	83.0 U	65.0 U	47.0 U	50.0 U
VOC	ACETONE	µg/kg	**350** J	1,200 UJ	1,100 UJ	1,700 UJ	1,300 UJ	930 U	1,000 U
VOC	ACETONITRILE	µg/kg	1,100 UJ	1,200 UJ	1,100 UJ	1,700 UJ	1,300 UJ	930 UJ	1,000 UJ
VOC	ACROLEIN	µg/kg	540 UJ	610 UJ	560 UJ	830 UJ	650 U	470 UJ	500 UJ
VOC	ACRYLONITRILE	µg/kg	540 U	610 U	560 U	830 U	650 U	470 U	500 U
VOC	ALLYL CHLORIDE (3-CHLOROPROPENE)	µg/Kg	110 U	120 U	110 U	170 U	130 U	93.0 U	100 U
VOC	BENZENE	µg/kg	54.0 U	61.0 U	56.0 U	83.0 U	65.0 U	47.0 U	50.0 U
VOC	BROMODICHLOROMETHANE	µg/kg	54.0 U	61.0 U	56.0 U	83.0 U	65.0 U	47.0 U	50.0 U
VOC	BROMOFORM	µg/kg	54.0 U	61.0 U	56.0 U	83.0 U	65.0 U	47.0 U	50.0 U
VOC	BROMOMETHANE	µg/kg	110 U	120 U	110 U	170 U	130 U	93.0 U	100 U
VOC	CARBON DISULFIDE	µg/kg	54.0 U	61.0 U	56.0 U	83.0 U	65.0 U	47.0 U	50.0 U
VOC	CARBON TETRACHLORIDE	µg/kg	54.0 U	61.0 U	56.0 U	83.0 U	65.0 U	47.0 U	50.0 U
VOC	CHLOROBENZENE	µg/kg	54.0 U	61.0 U	56.0 U	83.0 U	65.0 U	47.0 U	50.0 U
VOC	CHLOROETHANE	µg/kg	54.0 UJ	61.0 UJ	56.0 UJ	83.0 UJ	65.0 UJ	47.0 U	50.0 U
VOC	CHLOROFORM	µg/kg	54.0 U	61.0 U	56.0 U	83.0 U	65.0 U	47.0 U	50.0 U
VOC	CHLOROMETHANE	µg/kg	54.0 U	61.0 U	56.0 U	83.0 U	65.0 U	47.0 U	50.0 U
VOC	CHLOROPRENE (2-CHLORO-1,3-BUTADIENE)	µg/Kg	540 U	610 U	560 U	830 U	650 U	470 U	500 U
VOC	CIS-1,3-DICHLOROPROPENE	µg/Kg	54.0 U	61.0 U	56.0 U	83.0 U	65.0 U	47.0 U	50.0 U
VOC	DIBROMOCHLOROMETHANE	µg/kg	54.0 U	61.0 U	56.0 U	83.0 U	65.0 U	47.0 U	50.0 U
VOC	DIBROMOMETHANE	µg/kg	54.0 U	61.0 U	56.0 U	83.0 U	65.0 U	47.0 U	50.0 U
VOC	DICHLORODIFLUOROMETHANE	µg/kg	54.0 U	61.0 U	56.0 U	83.0 U	65.0 UJ	47.0 U	50.0 U
VOC	ETHYL BENZENE	µg/kg	54.0 U	61.0 U	56.0 U	83.0 U	65.0 U	47.0 UJ	50.0 UJ
VOC	ETHYL METHACRYLATE	µg/Kg	110 U	120 U	110 U	170 U	130 U	93.0 U	100 U
VOC	ISOBUTANOL	µg/kg	5,400 UJ	6,100 UJ	5,600 UJ	8,300 UJ	6,500 UJ	4,700 UJ	5,000 UJ
VOC	METHYL ETHYL KETONE (2-BUTANONE)	µg/kg	270 U	310 U	280 U	410 U	330 U	230 U	250 U
VOC	METHYL IODIDE (IODOMETHANE)	µg/Kg	54.0 U	61.0 U	56.0 U	83.0 U	65.0 U	47.0 UJ	50.0 UJ
VOC	METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	µg/kg	110 U	120 U	110 U	170 U	130 U	93.0 U	100 U
VOC	METHYL METHACRYLATE	µg/Kg	110 U	120 U	110 U	170 U	130 U	93.0 U	100 U
VOC	METHYLACRYLONITRILE	µg/Kg	270 U	310 U	280 U	410 U	330 UJ	230 U	250 U
VOC	METHYLENE CHLORIDE	µg/kg	270 U	310 U	280 U	410 U	330 U	230 U	250 U
VOC	PENTOCHLORETHANE	µg/Kg	350 U	360 U	360 U	520 U	460 U	390 U	380 U
VOC	PROPIONITRILE, ETHYL CYANIDE	µg/Kg	1,100 UJ	1,200 UJ	1,100 UJ	1,700 UJ	1,300 UJ	930 UJ	1,000 UJ
VOC	STYRENE	µg/kg	54.0 U	61.0 U	56.0 U	83.0 U	65.0 U	47.0 U	50.0 U
VOC	TETRACHLOROETHENE (PCE)	µg/kg	54.0 U	61.0 U	56.0 U	83.0 U	65.0 U	47.0 U	50.0 U
VOC	TOLUENE	µg/kg	**500**	**4,400**	**2,700**	83.0 U	**53.0** J	47.0 UJ	**160** J
VOC	TRANS-1,2-DICHLOROETHENE	µg/kg	54.0 U	61.0 U	56.0 U	83.0 U	65.0 U	47.0 U	50.0 U
VOC	TRANS-1,3-DICHLOROPROPENE	µg/Kg	54.0 U	61.0 U	56.0 U	83.0 U	65.0 U	47.0 U	50.0 U
VOC	TRANS-1,4-DICHLORO-2-BUTENE	µg/Kg	54.0 U	61.0 U	56.0 U	83.0 U	65.0 U	47.0 U	50.0 U
VOC	TRICHLOROETHENE (TCE)	µg/kg	54.0 U	61.0 U	56.0 U	83.0 U	65.0 U	47.0 U	50.0 U
VOC	TRICHLOROFLUOROMETHANE	µg/kg	54.0 U	61.0 U	56.0 U	83.0 U	65.0 U	47.0 U	50.0 U
VOC	VINYL ACETATE	µg/kg	54.0 U	61.0 U	56.0 U	83.0 U	65.0 U	47.0 U	50.0 U
VOC	VINYL CHLORIDE	µg/kg	54.0 U	61.0 U	56.0 U	83.0 U	65.0 U	47.0 U	50.0 U
VOC	XYLENES, TOTAL	µg/kg	**34.0** J	180 U	170 U	250 U	200 U	140 U	150 U

J = Estimated value
U = Undetected
UJ = Undetected; Estimated detection limit
Bold = analyte detected

Table 2
Potential Constituents of Concern (PCOI) Soil Analytical Results
Dow Midland Representative Soils Project

			7530-2	7734-1	7734-2	8046-1	8046-2	8196-1	8196-2
			MidBlind_7530-2	MidBlind_7734-1	MidBlind_7734-2	MidBlind_8046-1	MidBlind_8046-2	MidBlind_8196-1	MidBlind_8196-2
			10/30/2006	11/13/2006	11/13/2006	10/30/2006	10/30/2006	10/30/2006	10/30/2006
		Sam	1-6	0-1	1-6	0-1	1-6	0-1	1-6
			Soil	Soil	SOIL	Soil	Soil	SOIL	Soil
Group	**Analyte**	**Units**							
GEN	CYANIDE, TOTAL	µg/kg	**18.0** J	**88.0** J	**80.0** J	**51.0** J	**45.0** J	560 U	**89.0** J
GEN	SULFIDE	mg/Kg	93.0 U	94.0 U	91.0 U	100 UJ	100 UJ	90.0 UJ	89.0 UJ
GEN	TOTAL ORGANIC CARBON	mg/kg	**7,400**	**21,000**	**9,800**	**16,000**	**22,000**	**20,000**	100 U
HERB	2,4,5-T (TRICHLOROPHENOXYACETIC ACID)	µg/Kg	20.0 U	20.0 U	19.0 U	22.0 U	21.0 U	19.0 U	19.0 U
HERB	2,4-D (DICHLOROPHENOXYACETIC ACID)	µg/kg	20.0 U	20.0 U	19.0 U	22.0 U	21.0 U	**12.0** J	**28.0**
HERB	DINOSEB	µg/kg	380 U	380 U	370 UJ	420 U	420 U	370 U	360 U
HERB	SILVEX (2,4,5-TP)	µg/kg	20.0 U	20.0 U	19.0 U	22.0 U	21.0 U	19.0 U	19.0 U
MET	ANTIMONY	µg/kg	220 U	1,000 U	470 U	240 U	240 U	790 UJ	450 U
MET	ARSENIC	µg/kg	**720** J	**4,300**	**5,400**	**4,100**	**5,700**	**5,800**	**200** J
MET	BARIUM	µg/kg	**17,000**	**27,000**	**31,000**	**31,000**	**34,000**	**32,000** J	**27,000**
MET	BERYLLIUM	µg/kg	**110** J	**210** J	**240**	**220** J	**240** J	**220** J	**210** J
MET	CADMIUM	µg/kg	**100** J	380 U	**230**	**130** J	**160** J	**110** J	**38.0** J
MET	CHROMIUM, TOTAL	µg/kg	**2,800**	**5,500**	**6,700**	**4,900**	**4,200**	**11,000** J	**6,600**
MET	COBALT	µg/kg	**760**	**1,800**	**2,700**	**1,900**	**2,300**	**3,000** J	**2,800**
MET	COPPER	µg/kg	**4,100**	**14,000**	**15,000**	**29,000**	**29,000**	**16,000** J	**11,000**
MET	LEAD	µg/kg	**4,400**	**53,000**	**44,000**	**13,000**	**15,000**	**16,000** J	**9,900**
MET	MERCURY	µg/kg	**15.0**	**35.0**	**42.0**	**27.0**	**26.0**	**36.0**	**43.0**
MET	NICKEL	µg/kg	**2,100**	**5,700**	**7,900**	**5,200**	**5,600**	**9,000** J	**7,700**
MET	SELENIUM	µg/kg	490 U	500 U	480 U	540 U	530 U	480 U	460 U
MET	SILVER	µg/kg	54.0 U	55.0 U	53.0 U	60.0 U	59.0 U	53.0 U	52.0 U
MET	THALLIUM	µg/kg	200 U	200 U	190 U	220 U	210 U	190 U	190 U
MET	TIN	mg/kg	0.52 U	0.53 U	0.51 U	0.57 U	0.57 U	**2.2** J	0.49 U
MET	VANADIUM	µg/kg	**6,700**	**7,300**	**11,000**	**11,000**	**15,000**	**12,000** J	**10,000**
MET	ZINC	µg/kg	**13,000**	48,000 U	**41,000**	36,000 U	37,000 U	34,000 UJ	24,000 U
PCB	PCB-1016 (AROCLOR 1016)	µg/Kg	190 U	38.0 U	38.0 U	42.0 U	41.0 U	37.0 U	36.0 UJ
PCB	PCB-1221 (AROCLOR 1221)	µg/Kg	190 U	38.0 U	38.0 U	42.0 U	41.0 U	37.0 U	36.0 UJ
PCB	PCB-1232 (AROCLOR 1232)	µg/Kg	190 U	38.0 U	38.0 U	42.0 U	41.0 U	37.0 U	36.0 UJ
PCB	PCB-1242 (AROCLOR 1242)	µg/Kg	190 U	38.0 U	38.0 U	42.0 U	41.0 U	37.0 U	36.0 UJ
PCB	PCB-1248 (AROCLOR 1248)	µg/Kg	190 U	38.0 U	38.0 U	42.0 U	41.0 U	37.0 U	36.0 UJ
PCB	PCB-1254 (AROCLOR 1254)	µg/Kg	190 U	38.0 U	38.0 U	42.0 U	41.0 U	37.0 U	36.0 UJ
PCB	PCB-1260 (AROCLOR 1260)	µg/Kg	190 U	38.0 U	38.0 U	42.0 U	41.0 U	37.0 U	36.0 UJ
PCB	PCB-1262 (AROCLOR 1262)	µg/Kg	190 U	38.0 U	38.0 U	42.0 U	41.0 U	37.0 U	36.0 UJ
PCB	PCB-1268 (AROCLOR 1268)	µg/Kg	190 U	38.0 U	**81.0**	42.0 U	41.0 U	37.0 U	36.0 UJ
PCB	SUMMED PCB	µg/Kg	**850**	**170**	**230**	**190**	**190**	**170**	**160**
PEST	1,2-DIBROMO-3-CHLOROPROPANE	µg/kg	74.0 U	85.0 U	46.0 U	53.0 U	61.0 U	47.0 U	49.0 U
PEST	4,4'-DDD	µg/kg	120 U	**3.9** J	**2.3** J	25.0 U	25.0 U	**3.8** J	**6.8** J
PEST	4,4'-DDE	µg/kg	120 U	**7.6** J	**14.0** J	**3.1** J	**1.9** J	**4.6** J	22.0 U
PEST	4,4'-DDT	µg/kg	120 U	**3.7** J	**15.0** J	25.0 U	25.0 U	**1.0** J	**5.5** J
PEST	ALDRIN	µg/kg	120 U	23.0 U	23.0 U	25.0 U	25.0 U	22.0 U	22.0 U
PEST	ALPHA BHC	µg/kg	120 U	23.0 U	23.0 U	25.0 U	25.0 U	22.0 U	**0.91** J
PEST	BETA BHC	µg/kg	120 U	23.0 U	23.0 U	25.0 U	25.0 U	22.0 U	22.0 U
PEST	CHLORDANE	µg/kg	**330**	29.0 U	29.0 U	32.0 U	31.0 U	**12.0** J	**15.0** J
PEST	DELTA BHC	µg/Kg	120 U	23.0 UJ	23.0 U	25.0 U	25.0 U	22.0 U	22.0 U
PEST	DIELDRIN	µg/kg	120 U	23.0 U	23.0 U	25.0 U	25.0 U	22.0 U	22.0 U
PEST	DIMETHOATE	µg/Kg	760 U	770 U	740 U	840 U	840 U	740 U	730 U
PEST	DISULFOTON	µg/Kg	760 U	770 U	740 U	840 U	840 U	740 U	730 U
PEST	ENDOSULFAN I	µg/Kg	**34.0** J	23.0 U	23.0 U	25.0 U	25.0 U	22.0 U	22.0 U
PEST	ENDOSULFAN II	µg/Kg	**8.2** J	23.0 U	23.0 U	25.0 U	25.0 U	22.0 U	22.0 U
PEST	ENDOSULFAN SULFATE	µg/Kg	**32.0** J	23.0 UJ	23.0 U	25.0 U	25.0 U	22.0 U	22.0 U
PEST	ENDRIN	µg/kg	120 U	23.0 U	23.0 U	25.0 U	25.0 U	22.0	22.0 U
PEST	ENDRIN ALDEHYDE	µg/Kg	120 U	23.0 U	23.0 U	25.0 U	25.0 U	22.0 U	22.0 U
PEST	FAMPHUR	µg/Kg	760 UJ	770 UJ	740 UJ	840 UJ	840 UJ	740 UJ	730 UJ
PEST	GAMMA BHC (LINDANE)	µg/kg	120 U	23.0 U	23.0 U	25.0 U	25.0 U	22.0 U	22.0 U
PEST	HEPTACHLOR	µg/kg	120 U	23.0 U	23.0 U	25.0 U	25.0 U	22.0 U	22.0 U
PEST	HEPTACHLOR EPOXIDE	µg/kg	**6.1** J	23.0 U	23.0 U	25.0 U	25.0 U	**1.1** J	22.0 U
PEST	KEPONE	µg/Kg	1,900 U	2,000 U	1,900 U	2,100 U	2,100 U	1,900 U	1,800 U
PEST	METHOXYCHLOR	µg/kg	290 U	58.0 U	**5.3** J	63.0 U	63.0 U	**12.0** J	55.0 U
PEST	O,O,O-TRIETHYL PHOSPHOROTHIOATE	µg/Kg	380 U	380 U	370 U	420 U	420 U	370 U	360 U
PEST	O,O-DIETHYL O-2-PYRAZINYL PHOSPHOROTHIOATE (THIONAZIN)	µg/Kg	380 U	380 U	370 U	420 U	420 U	370 U	360 U
PEST	PARATHION, ETHYL (PARATHION)	µg/Kg	380 U	380 U	370 U	420 U	420 U	370 U	360 U
PEST	PARATHION, METHYL	µg/kg	760 U	770 U	740 U	840 U	840 U	740 U	730 U
PEST	PHORATE	µg/Kg	760 U	770 U	740 UJ	840 U	840 U	740 U	730 U
PEST	TETRAETHYL DITHIOPYROPHOSPHATE (SULFOTEPP)	µg/Kg	760 U	770 U	740 U	840 U	840 U	740 U	730 U
PEST	TOXAPHENE	µg/kg	980 U	200 U	190 U	220 U	210 U	190 U	190 U
SVOC	1,2,4,5-TETRACHLOROBENZENE	µg/kg	380 U	380 U	370 U	420 U	420 U	370 U	360 U
SVOC	1,3-DINITROBENZENE	µg/Kg	380 U	380 U	370 U	420 U	420 U	370 U	360 U
SVOC	1,4-DIOXANE	µg/kg	380 U	380 U	370 UJ	420 U	420 U	370 U	360 U
SVOC	1,4-NAPHTHOQUINONE	µg/Kg	760 U	770 U	740 UJ	840 U	840 U	740 U	730 U
SVOC	1-NAPHTHYLAMINE	µg/Kg	380 U	380 U	370 U	420 U	420 U	370 U	360 U
SVOC	2,2'-OXYBIS(1-CHLOROPROPANE)	µg/Kg	380 U	380 U	370 U	420 U	420 U	370 U	360 U
SVOC	2,3,4,6-TETRACHLOROPHENOL	µg/Kg	380 U	380 U	370 U	420 U	420 U	**450**	**440**
SVOC	2,4,5-TRICHLOROPHENOL	µg/kg	380 U	380 U	370 U	420 U	420 U	370 U	360 U
SVOC	2,4,6-TRICHLOROPHENOL	µg/kg	380 U	380 UJ	370 U	420 U	420 U	**25.0** J	**29.0** J
SVOC	2,4-DICHLOROPHENOL	µg/kg	380 U	380 UJ	370 U	420 U	420 U	370 U	360 U
SVOC	2,4-DIMETHYLPHENOL	µg/kg	380 U	380 U	370 U	420 U	420 U	370 U	360 U
SVOC	2,4-DINITROPHENOL	µg/Kg	1,900 U	2,000 U	1,900 UJ	2,100 U	2,100 U	1,900 U	1,800 U
SVOC	2,4-DINITROTOLUENE	µg/kg	380 U	380 U	370 U	420 U	420 U	370 U	360 U
SVOC	2,6-DICHLOROPHENOL	µg/Kg	380 U	380 U	370 U	420 U	420 U	370 U	360 U

J = Estimated value
U = Undetected
UJ = Undetected; Estimated detection limit
Bold = analyte detected

Table 2
Potential Constituents of Concern (PCOI) Soil Analytical Results
Dow Midland Representative Soils Project

			7530-2	7734-1	7734-2	8046-1	8046-2	8196-1	8196-2
			MidBlind_7530-2	MidBlind_7734-1	MidBlind_7734-2	MidBlind_8046-1	MidBlind_8046-2	MidBlind_8196-1	MidBlind_8196-2
			10/30/2006	11/13/2006	11/13/2006	10/30/2006	10/30/2006	10/30/2006	10/30/2006
		Sam	1-6	0-1	1-6	0-1	1-6	0-1	1-6
			Soil	Soil	SOIL	Soil	Soil	SOIL	Soil
Group	**Analyte**	**Units**							
SVOC	2,6-DINITROTOLUENE	µg/Kg	380 U	380 U	370 U	420 U	420 U	370 U	360 U
SVOC	2-Acetylaminofluorene	µg/Kg	380 U	380 U	370 U	420 U	420 U	370 U	360 U
SVOC	2-CHLORONAPHTHALENE	µg/kg	380 U	380 U	370 U	420 U	420 U	370 U	360 U
SVOC	2-CHLOROPHENOL	µg/kg	380 U	380 U	370 U	420 U	420 U	370 U	360 U
SVOC	2-METHYLNAPHTHALENE	µg/kg	380 U	380 U	**8.6** J	420 U	420 U	**11.0** J	360 U
SVOC	2-METHYLPHENOL (O-CRESOL)	µg/Kg	380 U	380 U	370 U	420 U	420 U	370 U	360 U
SVOC	2-NAPHTHYLAMINE	µg/Kg	380 U	380 U	370 U	420 U	420 U	370 U	360 U
SVOC	2-NITROANILINE	µg/Kg	1,900 U	2,000 U	1,900 U	2,100 U	2,100 U	1,900 U	1,800 U
SVOC	2-NITROPHENOL	µg/kg	380 U	380 U	370 U	420 U	420 U	370 U	360 U
SVOC	3 & 4-METHYLPHENOL (M,P-CRESOL)	µg/Kg	380 U	380 U	370 U	420 U	420 U	370 U	360 U
SVOC	3,3'-DICHLOROBENZIDINE	µg/kg	760 U	770 U	740 U	840 U	840 U	740 U	730 U
SVOC	3,3'-DIMETHYLBENZIDINE	µg/Kg	380 U	380 U	370 U	420 U	420 U	370 U	360 U
SVOC	3-METHYLCHOLANTHRENE	µg/Kg	380 U	380 U	370 U	420 U	420 U	370 U	360 U
SVOC	3-NITROANILINE	µg/Kg	1,900 U	2,000 U	1,900 U	2,100 U	2,100 U	1,900 U	1,800 U
SVOC	4,6-DINITRO-2-METHYLPHENOL	µg/kg	1,900 U	2,000 U	1,900 U	2,100 U	2,100 U	1,900 U	1,800 U
SVOC	4-AMINOBIPHENYL	µg/Kg	380 U	380 U	370 U	420 U	420 U	370 U	360 U
SVOC	4-BROMOPHENYL PHENYL ETHER	µg/Kg	380 U	380 U	370 U	420 U	420 U	370 U	360 U
SVOC	4-CHLORO-3-METHYLPHENOL	µg/kg	380 U	380 U	370 U	420 U	420 U	370 U	360 U
SVOC	4-CHLOROANILINE	µg/Kg	380 U	380 U	370 U	420 U	420 U	370 U	360 U
SVOC	4-CHLOROPHENYL PHENYL ETHER	µg/Kg	380 U	380 U	370 U	420 U	420 U	370 U	360 U
SVOC	4-NITROANILINE	µg/Kg	1,900 U	2,000 U	1,900 U	2,100 U	2,100 U	1,900 U	1,800 U
SVOC	4-NITROPHENOL	µg/Kg	1,900 U	2,000 U	1,900 U	2,100 U	2,100 U	1,900 U	1,800 U
SVOC	4-NITROQUINOLINE-1-OXIDE	µg/Kg	380 U	380 UJ	370 U	420 U	420 U	370 U	360 U
SVOC	5-NITRO-O-TOLUIDINE	µg/Kg	380 U	380 U	370 U	420 U	420 U	370 U	360 U
SVOC	7,12-DIMETHYLBENZ(A)ANTHRACENE	µg/Kg	380 U	380 U	370 U	420 U	420 U	370 U	360 U
SVOC	ACENAPHTHENE	µg/kg	380 UJ	380 U	370 U	420 UJ	420 UJ	370 UJ	360 UJ
SVOC	ACENAPHTHYLENE	µg/kg	380 U	380 U	370 U	420 U	420 U	370 U	**64.0** J
SVOC	ACETOPHENONE	µg/kg	380 U	380 U	370 U	420 U	420 U	370 U	360 U
SVOC	ALPHA, ALPHA DIMETHYLPHENETHYLAMINE	µg/Kg	380 U	380 U	370 U	420 U	420 U	370 U	360 U
SVOC	ANILINE	µg/kg	380 U	380 U	370 U	420 U	420 U	370 U	360 U
SVOC	ANTHRACENE	µg/kg	380 U	**20.0** J	**9.2** J	420 U	420 U	**71.0** J	**29.0** J
SVOC	ARAMITE (TOTAL)	µg/Kg	380 U	380 U	370 U	420 U	420 U	370 U	360 U
SVOC	BENZO(A)ANTHRACENE	µg/kg	380 U	380 U	370 U	420 U	420 U	**190** J	360 U
SVOC	BENZO(A)PYRENE	µg/kg	380 UJ	**160** J	**77.0** J	**13.0** J	420 UJ	**160** J	**51.0** J
SVOC	BENZO(B)FLUORANTHENE	µg/kg	380 U	**200** J	**110** J	**55.0** J	**49.0** J	**220** J	**87.0** J
SVOC	BENZO(G,H,I)PERYLENE	µg/kg	380 U	**180** J	**93.0** J	420 U	**160** J	**200** J	**160** J
SVOC	BENZO(K)FLUORANTHENE	µg/kg	380 UJ	**77.0** J	**35.0** J	**53.0** J	**52.0** J	**86.0** J	**62.0** J
SVOC	BENZYL ALCOHOL	µg/kg	380 U	380 U	370 U	420 U	420 U	370 U	360 U
SVOC	BENZYL BUTYL PHTHALATE	µg/kg	380 U	380 U	370 U	420 U	420 U	370 U	360 U
SVOC	BIS(2-CHLOROETHOXY) METHANE	µg/Kg	380 U	380 U	370 U	420 U	420 U	370 U	360 U
SVOC	BIS(2-CHLOROETHYL) ETHER	µg/kg	380 U	380 U	370 U	420 U	420 U	370 U	360 U
SVOC	BIS(2-ETHYLHEXYL) PHTHALATE	µg/kg	380 U	**1,800**	**3,100**	420 U	420 U	370 U	360 U
SVOC	CHLOROBENZILATE	µg/Kg	380 U	380 U	370 U	420 U	420 U	370 U	360 U
SVOC	CHRYSENE	µg/kg	380 U	**130** J	**36.0** J	**35.0** J	**33.0** J	**190** J	**84.0** J
SVOC	DI-N-BUTYL PHTHALATE	µg/kg	380 U	**11.0** J	**8.3** J	420 U	420 U	370 U	360 U
SVOC	DI-N-OCTYLPHTHALATE	µg/kg	380 U	380 UJ	370 U	420 UJ	420 UJ	370 UJ	360 UJ
SVOC	DIALLATE (TOTAL OF CIS AND TRANS ISOMERS)	µg/Kg	380 U	380 U	370 U	420 U	420 U	370 U	360 U
SVOC	DIBENZ(A,H)ANTHRACENE	µg/kg	380 U	380 U	370 U	420 U	420 U	**43.0** J	360 U
SVOC	DIBENZOFURAN	µg/kg	380 U	380 U	370 U	420 U	420 U	**12.0** J	360 U
SVOC	DIETHYL PHTHALATE	µg/kg	380 U	380 U	370 U	420 U	420 U	370 U	360 U
SVOC	DIMETHYL PHTHALATE	µg/kg	380 U	380 U	370 U	420 U	420 U	370 U	360 U
SVOC	DIPHENYLAMINE	µg/Kg	380 U	380 U	370 U	420 U	420 U	370 U	360 U
SVOC	ETHYL METHANESULFONATE	µg/Kg	380 U	380 UJ	370 U	420 U	420 U	370 U	360 U
SVOC	FLUORANTHENE	µg/kg	380 U	**250** J	**93.0** J	420 UJ	420 UJ	**410** J	**90.0** J
SVOC	FLUORENE	µg/kg	380 U	380 U	370 U	420 U	420 U	**22.0** J	**15.0** J
SVOC	HEXACHLOROBENZENE	µg/kg	380 U	380 U	370 U	420 U	420 U	**190** J	360 U
SVOC	HEXACHLOROBUTADIENE	µg/kg	380 U	380 U	370 U	420 U	420 U	370 U	360 U
SVOC	HEXACHLOROCYCLOPENTADIENE	µg/kg	380 U	380 U	370 U	420 U	420 U	370 U	360 U
SVOC	HEXACHLOROETHANE	µg/kg	380 U	380 U	370 U	420 U	420 U	370 U	360 U
SVOC	HEXACHLOROPHENE	µg/Kg	760 UJ	770 UJ	740 UJ	840 UJ	840 UJ	740 UJ	730 UJ
SVOC	HEXACHLOROPROPENE	µg/Kg	380 U	380 U	370 U	420 U	420 U	370 U	360 U
SVOC	INDENO(1,2,3-C,D)PYRENE	µg/kg	380 U	**250** J	**47.0** J	420 U	420 U	**120** J	**57.0** J
SVOC	ISODRIN	µg/Kg	380 U	380 U	370 U	420 U	420 U	370 U	360 U
SVOC	ISOPHORONE	µg/kg	380 U	380 U	370 U	420 U	420 U	370 U	360 U
SVOC	ISOSAFROLE	µg/Kg	380 U	380 U	370 U	420 U	420 U	370 U	360 U
SVOC	METHAPYRILENE	µg/Kg	380 U	380 U	370 U	420 U	420 U	370 U	360 U
SVOC	METHYL METHANESULFONATE	µg/Kg	380 U	380 U	370 U	420 U	420 U	370 U	360 U
SVOC	N-NITROSO-DI-N-BUTYLAMINE	µg/Kg	380 U	380 U	370 U	420 U	420 U	370 U	360 U
SVOC	N-NITROSODI-N-PROPYLAMINE	µg/kg	380 U	380 U	370 U	420 U	420 U	370 U	360 U
SVOC	N-NITROSODIETHYLAMINE	µg/Kg	380 U	380 UJ	370 U	420 U	420 U	370 U	360 U
SVOC	N-NITROSODIMETHYLAMINE	µg/Kg	380 UJ	380 U	370 U	420 UJ	420 UJ	370 UJ	360 UJ

J = Estimated value
U = Undetected
UJ = Undetected; Estimated detection limit
Bold = analyte detected

Table 2
Potential Constituents of Concern (PCOI) Soil Analytical Results
Dow Midland Representative Soils Project

			7530-2	7734-1	7734-2	8046-1	8046-2	8196-1	8196-2
			MidBlind_7530-2	MidBlind_7734-1	MidBlind_7734-2	MidBlind_8046-1	MidBlind_8046-2	MidBlind_8196-1	MidBlind_8196-2
			10/30/2006	11/13/2006	11/13/2006	10/30/2006	10/30/2006	10/30/2006	10/30/2006
		Sam	1-6	0-1	1-6	0-1	1-6	0-1	1-6
			Soil	Soil	SOIL	Soil	Soil	SOIL	Soil
Group	**Analyte**	**Units**							
SVOC	N-NITROSODIPHENYLAMINE	µg/kg	380 U	380 U	370 U	420 U	420 U	370 U	360 U
SVOC	N-NITROSOMETHYLETHYLAMINE	µg/Kg	380 U	380 U	370 U	420 U	420 U	370 U	360 U
SVOC	N-NITROSOMORPHOLINE	µg/Kg	380 U	380 U	370 U	420 U	420 U	370 U	360 U
SVOC	N-NITROSOPIPERIDINE	µg/Kg	380 U	380 U	370 U	420 U	420 U	370 U	360 U
SVOC	N-NITROSOPYRROLIDINE	µg/Kg	380 U	380 U	370 U	420 U	420 U	370 U	360 U
SVOC	NAPHTHALENE	µg/kg	380 U	380 U	370 U	420 U	420 U	**68.0** J	**49.0** J
SVOC	NITROBENZENE	µg/kg	380 U	380 U	370 U	420 U	420 U	370 U	360 U
SVOC	O-TOLUIDINE	µg/Kg	380 U	380 U	370 U	420 U	420 U	370 U	360 U
SVOC	P-DIMETHYLAMINOAZOBENZENE	µg/Kg	380 U	380 U	370 U	420 U	420 U	370 U	360 U
SVOC	P-PHENYLENEDIAMINE	µg/Kg	380 U	380 UJ	370 UJ	420 U	420 U	370 U	360 U
SVOC	PENTACHLOROBENZENE	µg/kg	380 U	380 U	370 U	420 U	420 U	370 U	360 U
SVOC	PENTACHLORONITROBENZENE	µg/kg	380 U	380 U	370 U	420 U	420 U	370 U	360 U
SVOC	PENTACHLOROPHENOL	µg/kg	920 U	930 UJ	900 UJ	1,000 UJ	1,000 UJ	**360** J	**400** J
SVOC	PHENACETIN	µg/Kg	380 U	380 U	370 U	420 U	420 U	370 U	360 U
SVOC	PHENANTHRENE	µg/kg	380 U	**100** J	**53.0** J	**11.0** J	**13.0** J	**240** J	**37.0** J
SVOC	PHENOL	µg/kg	380 UJ	380 U	370 U	420 UJ	420 UJ	370 UJ	360 UJ
SVOC	PRONAMIDE	µg/Kg	380 U	380 U	370 U	420 U	420 U	370 U	360 U
SVOC	PYRENE	µg/kg	380 U	**200** J	**140** J	420 U	420 U	**260** J	**63.0** J
SVOC	PYRIDINE	µg/kg	380 UJ	380 U	370 U	420 UJ	420 UJ	370 UJ	360 UJ
SVOC	SAFROLE	µg/Kg	380 U	380 U	370 U	420 U	420 U	370 U	360 U
SVOC	SYM-TRINITROBENZENE	µg/Kg	380 U	380 U	370 U	420 U	420 U	370 U	360 U
VOC	1,1,1,2-TETRACHLOROETHANE	µg/kg	74.0 U	85.0 U	46.0 U	53.0 U	61.0 U	47.0 U	49.0 U
VOC	1,1,1-TRICHLOROETHANE	µg/kg	74.0 U	85.0 U	46.0 U	53.0 U	61.0 U	47.0 U	49.0 U
VOC	1,1,2,2-TETRACHLOROETHANE	µg/kg	74.0 U	85.0 U	46.0 U	53.0 U	61.0 U	47.0 U	49.0 U
VOC	1,1,2-TRICHLOROETHANE	µg/kg	74.0 U	85.0 U	46.0 U	53.0 U	61.0 U	47.0 U	49.0 U
VOC	1,1-DICHLOROETHANE	µg/kg	74.0 U	85.0 U	46.0 U	53.0 U	61.0 U	47.0 U	49.0 U
VOC	1,1-DICHLOROETHENE	µg/kg	74.0 U	85.0 U	46.0 U	53.0 U	61.0 U	47.0 U	49.0 U
VOC	1,2,3-TRICHLOROPROPANE	µg/kg	74.0 U	85.0 U	46.0 U	53.0 U	61.0 U	47.0 U	49.0 U
VOC	1,2-DIBROMOETHANE (EDB)	µg/kg	74.0 U	85.0 U	46.0 U	53.0 U	61.0 U	47.0 U	49.0 U
VOC	1,2-DICHLOROBENZENE	µg/kg	380 U	380 U	370 U	420 U	420 U	370 U	360 U
VOC	1,2-DICHLOROETHANE	µg/kg	74.0 U	85.0 U	46.0 U	53.0 U	61.0 U	47.0 U	49.0 U
VOC	1,2-DICHLOROPROPANE	µg/kg	74.0 U	85.0 U	46.0 U	53.0 UJ	61.0 UJ	47.0 UJ	49.0 UJ
VOC	1,3-DICHLOROBENZENE	µg/kg	380 U	380 U	370 U	420 U	420 U	370 U	360 U
VOC	1,4-DICHLOROBENZENE	µg/kg	380 UJ	380 U	370 U	420 UJ	420 UJ	370 UJ	360 UJ
VOC	2-HEXANONE	µg/kg	74.0 U	85.0 U	46.0 U	53.0 U	61.0 U	47.0 U	49.0 U
VOC	ACETONE	µg/kg	1,500 U	1,700 UJ	920 U	120 UJ	150 UJ	130 UJ	120 UJ
VOC	ACETONITRILE	µg/kg	1,500 UJ	1,700 UJ	920 UJ	1,100 UJ	1,200 UJ	940 UJ	980 UJ
VOC	ACROLEIN	µg/kg	740 UJ	850 UJ	460 U	530 UJ	610 UJ	470 UJ	490 UJ
VOC	ACRYLONITRILE	µg/kg	740 U	850 U	460 U	530 U	610 U	470 U	490 U
VOC	ALLYL CHLORIDE (3-CHLOROPROPENE)	µg/Kg	150 U	170 U	92.0 U	110 U	120 U	94.0 U	98.0 U
VOC	BENZENE	µg/kg	74.0 U	85.0 U	46.0 U	53.0 U	61.0 U	47.0 U	49.0 U
VOC	BROMODICHLOROMETHANE	µg/kg	74.0 U	85.0 U	46.0 U	53.0 U	61.0 U	47.0 U	49.0 U
VOC	BROMOFORM	µg/kg	74.0 U	85.0 U	46.0 U	53.0 U	61.0 U	47.0 U	49.0 U
VOC	BROMOMETHANE	µg/kg	150 U	170 U	92.0 U	110 U	120 U	94.0 U	98.0 U
VOC	CARBON DISULFIDE	µg/kg	74.0 U	85.0 U	46.0 U	53.0 U	61.0 U	47.0 U	49.0 U
VOC	CARBON TETRACHLORIDE	µg/kg	74.0 U	85.0 U	46.0 U	53.0 U	61.0 U	47.0 U	49.0 U
VOC	CHLOROBENZENE	µg/kg	74.0 U	85.0 U	46.0 U	53.0 U	61.0 U	47.0 U	49.0 U
VOC	CHLOROETHANE	µg/kg	74.0 U	85.0 UJ	46.0 UJ	53.0 U	61.0 U	47.0 U	49.0 UJ
VOC	CHLOROFORM	µg/kg	74.0 U	85.0 U	46.0 U	53.0 U	61.0 U	47.0 U	49.0 U
VOC	CHLOROMETHANE	µg/kg	74.0 U	85.0 U	46.0 U	53.0 UJ	61.0 UJ	47.0 UJ	49.0 U
VOC	CHLOROPRENE (2-CHLORO-1,3-BUTADIENE)	µg/Kg	740 U	850 U	460 U	530 U	610 U	470 U	490 U
VOC	CIS-1,3-DICHLOROPROPENE	µg/Kg	74.0 U	85.0 U	46.0 U	53.0 U	61.0 U	47.0 U	49.0 U
VOC	DIBROMOCHLOROMETHANE	µg/kg	74.0 U	85.0 U	46.0 U	53.0 U	61.0 U	47.0 U	49.0 U
VOC	DIBROMOMETHANE	µg/kg	74.0 U	85.0 U	46.0 U	53.0 U	61.0 U	47.0 U	49.0 U
VOC	DICHLORODIFLUOROMETHANE	µg/kg	74.0 U	85.0 U	46.0 U	53.0 U	61.0 U	47.0 U	49.0 U
VOC	ETHYL BENZENE	µg/kg	74.0 UJ	85.0 U	46.0 U	53.0 UJ	61.0 UJ	47.0 UJ	49.0 UJ
VOC	ETHYL METHACRYLATE	µg/Kg	150 U	170 U	92.0 U	110 U	120 U	94.0 U	98.0 U
VOC	ISOBUTANOL	µg/kg	7,400 UJ	8,500 UJ	4,600 UJ	5,300 UJ	6,100 UJ	4,700 UJ	4,900 UJ
VOC	METHYL ETHYL KETONE (2-BUTANONE)	µg/kg	370 U	430 U	230 U	270 U	300 U	230 U	250 U
VOC	METHYL IODIDE (IODOMETHANE)	µg/Kg	74.0 UJ	85.0 U	46.0 U	53.0 UJ	61.0 UJ	47.0 UJ	49.0 UJ
VOC	METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	µg/kg	150 U	170 U	92.0 U	110 U	120 U	94.0 U	98.0 U
VOC	METHYL METHACRYLATE	µg/Kg	150 U	170 U	92.0 U	110 U	120 U	94.0 U	98.0 U
VOC	METHYLACRYLONITRILE	µg/Kg	370 U	430 U	230 U	270 U	300 U	230 U	250 U
VOC	METHYLENE CHLORIDE	µg/kg	**87.0** J	430 U	230 U	270 U	300 U	230 U	250 U
VOC	PENTOCHLORETHANE	µg/Kg	380 U	380 U	370 U	420 U	420 U	370 U	360 U
VOC	PROPIONITRILE, ETHYL CYANIDE	µg/Kg	1,500 UJ	1,700 UJ	920 UJ	1,100 UJ	1,200 UJ	940 UJ	980 UJ
VOC	STYRENE	µg/kg	74.0 U	85.0 U	46.0 U	53.0 U	61.0 U	47.0 U	49.0 U
VOC	TETRACHLOROETHENE (PCE)	µg/kg	74.0 U	85.0 U	46.0 U	53.0 U	61.0 U	47.0 U	49.0 U
VOC	TOLUENE	µg/kg	**2,100** J	**1,700**	**6,900**	53.0 UJ	**1,300** J	**3,500**	**110**
VOC	TRANS-1,2-DICHLOROETHENE	µg/kg	74.0 U	85.0 U	46.0 U	53.0 U	61.0 U	47.0 U	49.0 U
VOC	TRANS-1,3-DICHLOROPROPENE	µg/Kg	74.0 U	85.0 U	46.0 U	53.0 U	61.0 U	47.0 U	49.0 U
VOC	TRANS-1,4-DICHLORO-2-BUTENE	µg/Kg	74.0 U	85.0 U	46.0 U	53.0 U	61.0 U	47.0 U	49.0 U
VOC	TRICHLOROETHENE (TCE)	µg/kg	74.0 U	85.0 U	46.0 U	53.0 U	61.0 U	47.0 U	49.0 U
VOC	TRICHLOROFLUOROMETHANE	µg/kg	74.0 U	85.0 U	46.0 U	53.0 U	61.0 U	47.0 U	49.0 U
VOC	VINYL ACETATE	µg/kg	74.0 U	85.0 U	46.0 U	53.0 U	61.0 U	47.0 U	49.0 U
VOC	VINYL CHLORIDE	µg/kg	74.0 U	85.0 U	46.0 U	53.0 U	61.0 U	47.0 U	49.0 U
VOC	XYLENES, TOTAL	µg/kg	220 U	**55.0** J	140 U	160 U	180 U	140 U	150 U

J = Estimated value
U = Undetected
UJ = Undetected; Estimated detection limit
Bold = analyte detected

Table 2
Potential Constituents of Concern (PCOI) Soil Analytical Results
Dow Midland Representative Soils Project

			8282-1	8282-2	8314-1	8314-2	876-1	876-2	9386-1
			MidBlind_8282-1	MidBlind_8282-2	MidBlind_8314-1	MidBlind_8314-2	MidBlind_876-1	MidBlind_876-2	MidBlind_9386-1
			10/30/2006	10/30/2006	11/13/2006	11/13/2006	11/13/2006	11/13/2006	10/30/2006
		Sam	0-1	1-6	0-1	1-6	0-1	1-6	0-1
			Soil	Soil	Soil	Soil	Soil	Soil	Soil
Group	**Analyte**	**Units**							
GEN	CYANIDE, TOTAL	µg/kg	**850**	**98.0** J	**70.0** J	**340**	**150** J	**330** J	**540** J
GEN	SULFIDE	mg/Kg	110 U	98.0 U	94.0 U	93.0 U	93.0 U	89.0 U	91.0 U
GEN	TOTAL ORGANIC CARBON	mg/kg	**22,000**	**9,300**	**12,000**	**15,000**	**16,000**	**8,800**	**28,000**
HERB	2,4,5-T (TRICHLOROPHENOXYACETIC ACID)	µg/Kg	22.0 U	21.0 U	20.0 U	20.0 U	20.0 U	19.0 U	19.0 U
HERB	2,4-D (DICHLOROPHENOXYACETIC ACID)	µg/kg	22.0 U	21.0 U	20.0 U	20.0 U	20.0 U	19.0 U	**13.0** J
HERB	DINOSEB	µg/kg	430 U	400 U	390 UJ	380 UJ	380 U	360 UJ	370 U
HERB	SILVEX (2,4,5-TP)	µg/kg	22.0 U	21.0 U	20.0 U	20.0 U	20.0 U	19.0 U	19.0 U
MET	ANTIMONY	µg/kg	490 U	310 U	480 U	220 U	**4,200** J	**3,500** J	**2,800** J
MET	ARSENIC	µg/kg	**1,900**	**1,100** J	**4,000**	**4,500**	**7,500**	**4,800**	370 U
MET	BARIUM	µg/kg	**57,000**	**63,000**	**27,000**	**29,000**	**14,000** J	**18,000**	**24,000**
MET	BERYLLIUM	µg/kg	**430**	**480**	**170** J	**180** J	35.0 U	47.0 U	**180** J
MET	CADMIUM	µg/kg	**330**	15.0 U	**190** J	**210** J	73.0 U	**130** J	**120** J
MET	CHROMIUM, TOTAL	µg/kg	**15,000**	**17,000**	**5,800**	**5,200**	**5,500** J	**7,900**	**47,000**
MET	COBALT	µg/kg	**6,800**	**7,400**	**2,200**	**1,700**	**1,700** J	**2,000**	**2,900**
MET	COPPER	µg/kg	**24,000**	**21,000**	**13,000**	**18,000**	**9,900** J	**13,000**	**43,000**
MET	LEAD	µg/kg	**13,000**	**9,600**	**40,000**	**34,000**	**21,000** J	**37,000**	**15,000**
MET	MERCURY	µg/kg	**42.0**	**22.0**	**33.0**	**36.0**	27.0 U	**37.0**	**96.0**
MET	NICKEL	µg/kg	**18,000**	**19,000**	**6,400**	**5,600**	**6,300**	**7,300**	**6,900**
MET	SELENIUM	µg/kg	550 U	520 U	490 U	490 U	**5,700**	930 U	960 U
MET	SILVER	µg/kg	61.0 U	58.0 U	55.0 U	54.0 U	**1,700** J	**270** J	110 U
MET	THALLIUM	µg/kg	220 U	210 U	200 U	200 U	990 U	370 U	390 U
MET	TIN	mg/kg	0.58 U	0.55 U	0.53 U	0.52 U	2.6 U	0.99 U	1.0 U
MET	VANADIUM	µg/kg	**21,000**	**24,000**	**10,000**	**8,400**	**6,300** J	**8,300**	**7,200**
MET	ZINC	µg/kg	**71,000**	**45,000**	**43,000**	**37,000**	**81,000** J	**110,000**	**190,000**
PCB	PCB-1016 (AROCLOR 1016)	µg/Kg	43.0 U	40.0 U	38.0 U	38.0 U	38.0 U	180 U	38.0 U
PCB	PCB-1221 (AROCLOR 1221)	µg/Kg	43.0 U	40.0 U	38.0 U	38.0 U	38.0 U	180 U	38.0 U
PCB	PCB-1232 (AROCLOR 1232)	µg/Kg	43.0 U	40.0 U	38.0 U	38.0 U	38.0 U	180 U	38.0 U
PCB	PCB-1242 (AROCLOR 1242)	µg/Kg	43.0 U	40.0 U	38.0 U	38.0 U	38.0 U	180 U	38.0 U
PCB	PCB-1248 (AROCLOR 1248)	µg/Kg	43.0 U	40.0 U	38.0 U	38.0 U	38.0 U	180 U	38.0 U
PCB	PCB-1254 (AROCLOR 1254)	µg/Kg	43.0 U	40.0 U	38.0 U	38.0 U	38.0 U	180 U	38.0 U
PCB	PCB-1260 (AROCLOR 1260)	µg/Kg	43.0 U	40.0 U	38.0 U	38.0 U	38.0 U	180 U	38.0 U
PCB	PCB-1262 (AROCLOR 1262)	µg/Kg	43.0 U	40.0 U	38.0 U	38.0 U	**370**	**970** J	38.0 U
PCB	PCB-1268 (AROCLOR 1268)	µg/Kg	43.0 U	40.0 U	38.0 U	38.0 U	38.0 U	180 U	38.0 U
PCB	SUMMED PCB	µg/Kg	200	**180**	**170**	**170**	**530**	**1,700**	**170**
PEST	1,2-DIBROMO-3-CHLOROPROPANE	µg/kg	64.0 U	52.0 U	82.0 U	54.0 U	47.0 U	44.0 U	52.0 U
PEST	4,4'-DDD	µg/kg	26.0 U	24.0 U	23.0 U	**1.7** J	23.0 U	110 U	**2.7** J
PEST	4,4'-DDE	µg/kg	26.0 U	24.0 U	**5.6** J	**6.5** J	**4.0** J	110 U	23.0 U
PEST	4,4'-DDT	µg/kg	26.0 U	24.0 U	**9.3** J	**4.4** J	23.0 U	110 U	**21.0** J
PEST	ALDRIN	µg/kg	26.0 U	24.0 U	23.0 U	23.0 U	23.0 U	110 U	23.0 U
PEST	ALPHA BHC	µg/kg	**4.8** J	24.0 U	23.0 U	23.0 U	23.0 U	110 U	23.0 U
PEST	BETA BHC	µg/kg	26.0 U	24.0 U	23.0 U	23.0 U	23.0 U	110 U	**30.0** J
PEST	CHLORDANE	µg/kg	33.0 U	31.0 U	29.0 U	29.0 U	29.0 U	140 U	29.0 U
PEST	DELTA BHC	µg/Kg	**3.0** J	24.0 U	23.0 U	23.0 U	23.0 U	110 U	23.0 U
PEST	DIELDRIN	µg/kg	**5.5** J	**1.1** J	23.0 U	23.0 U	23.0 U	110 U	**2.7** J
PEST	DIMETHOATE	µg/Kg	860 U	810 U	770 U	770 U	760 U	720 U	740 U
PEST	DISULFOTON	µg/Kg	860 U	810 U	770 U	770 U	760 U	720 U	740 U
PEST	ENDOSULFAN I	µg/Kg	26.0 U	24.0 U	23.0 U	23.0 U	23.0 U	110 U	**2.1** J
PEST	ENDOSULFAN II	µg/Kg	26.0 U	24.0 U	23.0 U	**1.4** J	23.0 U	110 U	23.0 U
PEST	ENDOSULFAN SULFATE	µg/Kg	26.0 U	24.0 U	23.0 U	23.0 U	23.0 U	110 U	23.0 U
PEST	ENDRIN	µg/kg	**12.0** J	24.0 U	**9.4** J	23.0 U	23.0 U	110 U	23.0 U
PEST	ENDRIN ALDEHYDE	µg/Kg	26.0 U	24.0 U	23.0 U	23.0 U	23.0 U	110 U	23.0 U
PEST	FAMPHUR	µg/Kg	860 UJ	810 UJ	770 UJ	770 UJ	760 UJ	720 UJ	740 UJ
PEST	GAMMA BHC (LINDANE)	µg/kg	26.0 U	24.0 U	23.0 U	23.0 U	23.0 U	110 U	23.0 U
PEST	HEPTACHLOR	µg/kg	26.0 U	24.0 U	23.0 U	23.0 U	23.0 U	110 U	23.0 U
PEST	HEPTACHLOR EPOXIDE	µg/kg	**1.6** J	**1.0** J	**3.5** J	23.0 U	23.0 U	110 U	23.0 U
PEST	KEPONE	µg/Kg	2,200 U	2,000 U	2,000 U	1,900 U	1,900 U	1,800 U	1,900 U
PEST	METHOXYCHLOR	µg/kg	66.0 U	61.0 U	58.0 U	58.0 U	58.0 U	280 U	**6.8** J
PEST	O,O,O-TRIETHYL PHOSPHOROTHIOATE	µg/Kg	430 U	400 U	390 U	380 U	380 U	360 U	370 U
PEST	O,O-DIETHYL O-2-PYRAZINYL PHOSPHOROTHIOATE (THIONAZIN)	µg/Kg	430 U	400 U	390 U	380 U	380 U	360 U	370 U
PEST	PARATHION, ETHYL (PARATHION)	µg/Kg	430 U	400 U	390 U	380 U	380 U	360 U	370 U
PEST	PARATHION, METHYL	µg/kg	860 U	810 U	770 U	770 U	760 U	720 U	740 U
PEST	PHORATE	µg/Kg	860 U	810 U	770 UJ	770 UJ	760 UJ	720 UJ	740 U
PEST	TETRAETHYL DITHIOPYROPHOSPHATE (SULFOTEPP)	µg/Kg	860 U	810 U	770 U	770 U	760 U	720 U	740 U
PEST	TOXAPHENE	µg/kg	220 U	210 U	200 U	200 U	200 U	940 U	190 U
SVOC	1,2,4,5-TETRACHLOROBENZENE	µg/kg	430 U	400 U	390 U	380 U	380 U	360 U	370 U
SVOC	1,3-DINITROBENZENE	µg/Kg	430 U	400 U	390 U	380 U	380 U	360 U	370 U
SVOC	1,4-DIOXANE	µg/kg	430 U	400 U	390 UJ	380 UJ	380 UJ	360 UJ	370 U
SVOC	1,4-NAPHTHOQUINONE	µg/Kg	860 U	810 U	770 UJ	770 UJ	760 U	720 UJ	740 U
SVOC	1-NAPHTHYLAMINE	µg/Kg	430 U	400 U	390 U	380 U	380 U	360 U	370 U
SVOC	2,2'-OXYBIS(1-CHLOROPROPANE)	µg/Kg	430 U	400 U	390 U	380 U	380 U	360 U	370 U
SVOC	2,3,4,6-TETRACHLOROPHENOL	µg/Kg	430 U	400 U	390 U	380 U	**23.0** J	**42.0** J	370 U
SVOC	2,4,5-TRICHLOROPHENOL	µg/kg	430 U	400 U	390 U	380 U	380 U	360 U	370 U
SVOC	2,4,6-TRICHLOROPHENOL	µg/kg	430 U	400 U	390 U	380 U	380 U	360 U	370 U
SVOC	2,4-DICHLOROPHENOL	µg/kg	430 U	400 U	390 U	380 U	380 U	360 U	370 U
SVOC	2,4-DIMETHYLPHENOL	µg/kg	430 U	400 U	390 U	380 U	380 U	360 U	370 U
SVOC	2,4-DINITROPHENOL	µg/Kg	2,200 U	2,000 U	2,000 UJ	1,900 UJ	1,900 U	1,800 UJ	1,900 U
SVOC	2,4-DINITROTOLUENE	µg/kg	430 U	400 U	390 U	380 U	380 U	360 U	370 U
SVOC	2,6-DICHLOROPHENOL	µg/Kg	430 U	400 U	390 U	380 U	380 U	360 U	370 U

J = Estimated value
U = Undetected
UJ = Undetected; Estimated detection limit
Bold = analyte detected

Table 2
Potential Constituents of Concern (PCOI) Soil Analytical Results
Dow Midland Representative Soils Project

			8282-1	8282-2	8314-1	8314-2	876-1	876-2	9386-1
			MidBlind_8282-1	MidBlind_8282-2	MidBlind_8314-1	MidBlind_8314-2	MidBlind_876-1	MidBlind_876-2	MidBlind_9386-1
			10/30/2006	10/30/2006	11/13/2006	11/13/2006	11/13/2006	11/13/2006	10/30/2006
		Sam	0-1	1-6	0-1	1-6	0-1	1-6	0-1
			Soil	Soil	Soil	Soil	Soil	Soil	Soil
Group	**Analyte**	**Units**							
SVOC	2,6-DINITROTOLUENE	µg/Kg	430 U	400 U	390 U	380 U	380 U	360 U	370 U
SVOC	2-Acetylaminofluorene	µg/Kg	430 U	400 U	390 U	380 U	380 U	360 U	370 U
SVOC	2-CHLORONAPHTHALENE	µg/kg	430 U	400 U	390 U	380 U	380 U	360 U	370 U
SVOC	2-CHLOROPHENOL	µg/kg	430 U	400 U	390 U	380 U	380 U	360 U	370 U
SVOC	2-METHYLNAPHTHALENE	µg/kg	430 U	400 U	390 U	380 U	380 U	360 U	370 U
SVOC	2-METHYLPHENOL (O-CRESOL)	µg/Kg	430 U	400 U	390 U	380 U	380 U	360 U	370 U
SVOC	2-NAPHTHYLAMINE	µg/Kg	430 U	400 U	390 U	380 U	380 U	360 U	370 U
SVOC	2-NITROANILINE	µg/Kg	2,200 U	2,000 U	2,000 U	1,900 U	1,900 U	1,800 U	1,900 U
SVOC	2-NITROPHENOL	µg/kg	430 U	400 U	390 U	380 U	380 U	360 U	370 U
SVOC	3 & 4-METHYLPHENOL (M,P-CRESOL)	µg/Kg	430 U	400 U	390 U	380 U	380 U	360 U	370 U
SVOC	3,3'-DICHLOROBENZIDINE	µg/kg	860 U	810 U	770 U	770 U	760 U	720 U	740 U
SVOC	3,3'-DIMETHYLBENZIDINE	µg/Kg	430 U	400 U	390 U	380 U	380 U	360 U	370 U
SVOC	3-METHYLCHOLANTHRENE	µg/Kg	430 U	400 U	390 U	380 U	380 U	360 U	370 U
SVOC	3-NITROANILINE	µg/Kg	2,200 U	2,000 U	2,000 U	1,900 U	1,900 U	1,800 U	1,900 U
SVOC	4,6-DINITRO-2-METHYLPHENOL	µg/kg	2,200 U	2,000 U	2,000 U	1,900 U	1,900 U	1,800 U	1,900 U
SVOC	4-AMINOBIPHENYL	µg/Kg	430 U	400 U	390 U	380 U	380 U	360 U	370 U
SVOC	4-BROMOPHENYL PHENYL ETHER	µg/Kg	430 U	400 U	390 U	380 U	380 U	360 U	370 U
SVOC	4-CHLORO-3-METHYLPHENOL	µg/kg	430 U	400 U	390 U	380 U	380 U	360 U	370 U
SVOC	4-CHLOROANILINE	µg/Kg	430 U	400 U	390 U	380 U	380 U	360 U	370 U
SVOC	4-CHLOROPHENYL PHENYL ETHER	µg/Kg	430 U	400 U	390 U	380 U	380 U	360 U	370 U
SVOC	4-NITROANILINE	µg/Kg	2,200 U	2,000 U	2,000 U	1,900 U	1,900 U	1,800 U	1,900 U
SVOC	4-NITROPHENOL	µg/Kg	2,200 U	2,000 U	2,000 U	1,900 U	1,900 U	1,800 U	1,900 U
SVOC	4-NITROQUINOLINE-1-OXIDE	µg/Kg	430 U	400 U	390 U	380 U	380 UJ	360 U	370 U
SVOC	5-NITRO-O-TOLUIDINE	µg/Kg	430 U	400 U	390 U	380 U	380 U	360 U	370 U
SVOC	7,12-DIMETHYLBENZ(A)ANTHRACENE	µg/Kg	430 U	400 U	390 U	380 U	380 U	360 U	370 U
SVOC	ACENAPHTHENE	µg/kg	430 UJ	400 UJ	390 U	380 U	380 U	360 U	370 UJ
SVOC	ACENAPHTHYLENE	µg/kg	430 U	400 U	390 U	380 U	380 U	360 U	370 U
SVOC	ACETOPHENONE	µg/kg	430 U	400 U	390 U	380 U	380 U	360 U	370 U
SVOC	ALPHA, ALPHA DIMETHYLPHENETHYLAMINE	µg/Kg	430 U	400 U	390 U	380 U	380 UJ	360 U	370 U
SVOC	ANILINE	µg/kg	430 U	400 U	390 U	380 U	380 U	360 U	370 U
SVOC	ANTHRACENE	µg/kg	430 U	400 U	**74.0** J	**11.0** J	**17.0** J	**26.0** J	**11.0** J
SVOC	ARAMITE (TOTAL)	µg/Kg	430 U	400 U	390 U	380 U	380 U	360 U	370 U
SVOC	BENZO(A)ANTHRACENE	µg/kg	430 U	400 U	**400**	380 U	380 U	360 U	370 U
SVOC	BENZO(A)PYRENE	µg/kg	430 UJ	400 UJ	**480**	380 U	**160** J	**160** J	370 UJ
SVOC	BENZO(B)FLUORANTHENE	µg/kg	**47.0** J	**44.0** J	**560**	**92.0** J	**190** J	**180** J	**64.0** J
SVOC	BENZO(G,H,I)PERYLENE	µg/kg	**170** J	**160** J	**620** J	**150** J	**200** J	**160** J	**160** J
SVOC	BENZO(K)FLUORANTHENE	µg/kg	430 U	400 U	**200** J	**91.0** J	**68.0** J	**66.0** J	370 U
SVOC	BENZYL ALCOHOL	µg/kg	430 U	400 U	390 U	380 U	380 U	360 U	370 U
SVOC	BENZYL BUTYL PHTHALATE	µg/kg	430 U	400 U	390 U	380 U	380 U	360 U	370 U
SVOC	BIS(2-CHLOROETHOXY) METHANE	µg/Kg	430 U	400 U	390 U	380 U	380 U	360 U	370 U
SVOC	BIS(2-CHLOROETHYL) ETHER	µg/kg	430 U	400 U	390 U	380 U	380 U	360 U	370 U
SVOC	BIS(2-ETHYLHEXYL) PHTHALATE	µg/kg	430 U	400 U	390 U	380 U	**33.0** J	**35.0** J	370 U
SVOC	CHLOROBENZILATE	µg/Kg	430 U	400 U	390 U	380 U	380 U	360 U	370 U
SVOC	CHRYSENE	µg/kg	**28.0** J	400 U	**490**	**54.0** J	**120** J	**130** J	**51.0** J
SVOC	DI-N-BUTYL PHTHALATE	µg/kg	430 U	400 U	390 U	380 U	380 U	360 U	370 U
SVOC	DI-N-OCTYLPHTHALATE	µg/kg	430 UJ	400 UJ	390 U	380 U	380 U	360 U	370 UJ
SVOC	DIALLATE (TOTAL OF CIS AND TRANS ISOMERS)	µg/Kg	430 U	400 U	390 U	380 U	380 U	360 U	370 U
SVOC	DIBENZ(A,H)ANTHRACENE	µg/kg	430 U	400 U	**120** J	380 U	380 U	**39.0** J	**64.0** J
SVOC	DIBENZOFURAN	µg/kg	430 U	400 U	390 U	380 U	380 U	360 U	370 U
SVOC	DIETHYL PHTHALATE	µg/kg	430 U	400 U	390 U	380 U	380 U	360 U	370 U
SVOC	DIMETHYL PHTHALATE	µg/kg	430 U	400 U	390 U	380 U	380 U	360 U	370 U
SVOC	DIPHENYLAMINE	µg/Kg	430 U	400 U	390 U	380 U	380 U	360 U	370 U
SVOC	ETHYL METHANESULFONATE	µg/Kg	430 U	400 U	390 U	380 U	380 U	360 U	370 U
SVOC	FLUORANTHENE	µg/kg	430 UJ	400 UJ	**950**	**160** J	**200** J	**270** J	**37.0** J
SVOC	FLUORENE	µg/kg	430 U	400 U	**18.0** J	380 U	380 U	360 U	370 U
SVOC	HEXACHLOROBENZENE	µg/kg	430 U	400 U	390 U	380 U	**13.0** J	360 U	370 U
SVOC	HEXACHLOROBUTADIENE	µg/kg	430 U	400 U	390 U	380 U	380 U	360 U	370 U
SVOC	HEXACHLOROCYCLOPENTADIENE	µg/kg	430 U	400 U	390 U	380 U	380 U	360 U	370 U
SVOC	HEXACHLOROETHANE	µg/kg	430 U	400 U	390 U	380 U	380 U	360 U	370 U
SVOC	HEXACHLOROPHENE	µg/Kg	860 UJ	810 UJ	770 UJ	770 UJ	760 UJ	720 UJ	740 UJ
SVOC	HEXACHLOROPROPENE	µg/Kg	430 U	400 U	390 U	380 U	380 U	360 U	370 U
SVOC	INDENO(1,2,3-C,D)PYRENE	µg/kg	430 U	400 U	**770** J	**120** J	**210** J	**190** J	**32.0** J
SVOC	ISODRIN	µg/Kg	430 U	400 U	390 U	380 U	380 U	360 U	370 U
SVOC	ISOPHORONE	µg/kg	430 U	400 U	390 U	380 U	380 U	360 U	370 U
SVOC	ISOSAFROLE	µg/Kg	430 U	400 U	390 U	380 U	380 U	360 U	370 U
SVOC	METHAPYRILENE	µg/Kg	430 U	400 U	390 U	380 U	380 U	360 U	370 U
SVOC	METHYL METHANESULFONATE	µg/Kg	430 U	400 U	390 U	380 U	380 U	360 U	370 U
SVOC	N-NITROSO-DI-N-BUTYLAMINE	µg/Kg	430 U	400 U	390 U	380 U	380 U	360 U	370 U
SVOC	N-NITROSODI-N-PROPYLAMINE	µg/kg	430 U	400 U	390 U	380 U	380 U	360 U	370 U
SVOC	N-NITROSODIETHYLAMINE	µg/Kg	430 U	400 U	390 U	380 U	380 U	360 U	370 U
SVOC	N-NITROSODIMETHYLAMINE	µg/Kg	430 UJ	400 UJ	390 U	380 U	380 UJ	360 U	370 UJ

J = Estimated value
U = Undetected
UJ = Undetected; Estimated detection limit
Bold = analyte detected

Table 2
Potential Constituents of Concern (PCOI) Soil Analytical Results
Dow Midland Representative Soils Project

			8282-1	8282-2	8314-1	8314-2	876-1	876-2	9386-1
			MidBlind_8282-1	MidBlind_8282-2	MidBlind_8314-1	MidBlind_8314-2	MidBlind_876-1	MidBlind_876-2	MidBlind_9386-1
			10/30/2006	10/30/2006	11/13/2006	11/13/2006	11/13/2006	11/13/2006	10/30/2006
		Sam	0-1	1-6	0-1	1-6	0-1	1-6	0-1
			Soil	Soil	Soil	Soil	Soil	Soil	Soil
Group	**Analyte**	**Units**							
SVOC	N-NITROSODIPHENYLAMINE	µg/kg	430 UJ	400 UJ	390 U	380 U	380 U	360 U	370 UJ
SVOC	N-NITROSOMETHYLETHYLAMINE	µg/Kg	430 UJ	400 UJ	390 U	380 U	380 U	360 U	370 UJ
SVOC	N-NITROSOMORPHOLINE	µg/Kg	430 U	400 U	390 U	380 U	380 U	360 U	370 U
SVOC	N-NITROSOPIPERIDINE	µg/Kg	430 U	400 U	390 U	380 U	380 U	360 U	370 U
SVOC	N-NITROSOPYRROLIDINE	µg/Kg	430 U	400 U	390 U	380 U	380 U	360 U	370 U
SVOC	NAPHTHALENE	µg/kg	430 U	400 U	390 U	380 U	380 U	360 U	**510**
SVOC	NITROBENZENE	µg/kg	430 U	400 U	390 U	380 U	380 U	360 U	370 U
SVOC	O-TOLUIDINE	µg/Kg	430 U	400 U	390 U	380 U	380 U	360 U	370 U
SVOC	P-DIMETHYLAMINOAZOBENZENE	µg/Kg	430 U	400 U	390 U	380 U	380 U	360 U	370 U
SVOC	P-PHENYLENEDIAMINE	µg/Kg	430 U	400 U	390 UJ	380 UJ	380 UJ	360 UJ	370 U
SVOC	PENTACHLOROBENZENE	µg/kg	430 U	400 U	390 U	380 U	380 U	360 U	370 U
SVOC	PENTACHLORONITROBENZENE	µg/kg	430 U	400 U	390 U	380 U	380 U	360 U	370 U
SVOC	PENTACHLOROPHENOL	µg/kg	1,100 UJ	980 UJ	940 UJ	930 UJ	920 UJ	**37.0** J	900 UJ
SVOC	PHENACETIN	µg/Kg	430 U	400 U	390 U	380 U	380 U	360 U	370 U
SVOC	PHENANTHRENE	µg/kg	430 U	400 U	**420**	**62.0** J	**93.0** J	**110** J	**71.0** J
SVOC	PHENOL	µg/kg	430 UJ	400 UJ	390 U	380 U	380 U	360 U	370 UJ
SVOC	PRONAMIDE	µg/Kg	430 U	400 U	390 U	380 U	380 U	360 U	370 U
SVOC	PYRENE	µg/kg	430 U	400 U	**840** J	**130** J	**230** J	**220** J	**41.0** J
SVOC	PYRIDINE	µg/kg	430 UJ	400 UJ	390 U	380 U	380 U	360 U	370 UJ
SVOC	SAFROLE	µg/Kg	430 U	400 U	390 U	380 U	380 U	360 U	370 U
SVOC	SYM-TRINITROBENZENE	µg/Kg	430 U	400 U	390 U	380 U	380 U	360 U	370 U
VOC	1,1,1,2-TETRACHLOROETHANE	µg/kg	64.0 U	52.0 U	82.0 U	54.0 U	47.0 U	44.0 U	52.0 U
VOC	1,1,1-TRICHLOROETHANE	µg/kg	64.0 U	52.0 U	82.0 U	54.0 U	47.0 U	44.0 U	52.0 U
VOC	1,1,2,2-TETRACHLOROETHANE	µg/kg	64.0 U	52.0 U	82.0 U	54.0 U	47.0 U	44.0 U	52.0 U
VOC	1,1,2-TRICHLOROETHANE	µg/kg	64.0 U	52.0 U	82.0 U	54.0 U	47.0 U	44.0 U	52.0 U
VOC	1,1-DICHLOROETHANE	µg/kg	64.0 U	52.0 U	82.0 U	54.0 U	47.0 U	44.0 U	52.0 U
VOC	1,1-DICHLOROETHENE	µg/kg	64.0 U	52.0 U	82.0 U	54.0 U	47.0 U	44.0 U	52.0 U
VOC	1,2,3-TRICHLOROPROPANE	µg/kg	64.0 U	52.0 U	82.0 U	54.0 U	47.0 U	44.0 U	52.0 U
VOC	1,2-DIBROMOETHANE (EDB)	µg/kg	64.0 U	52.0 U	82.0 U	54.0 U	47.0 U	44.0 U	52.0 U
VOC	1,2-DICHLOROBENZENE	µg/kg	430 U	400 U	390 U	380 U	380 U	360 U	370 U
VOC	1,2-DICHLOROETHANE	µg/kg	64.0 U	52.0 U	82.0 U	54.0 U	47.0 U	44.0 U	52.0 U
VOC	1,2-DICHLOROPROPANE	µg/kg	64.0 U	52.0 U	82.0 U	54.0 U	47.0 U	44.0 U	52.0 U
VOC	1,3-DICHLOROBENZENE	µg/kg	430 U	400 U	390 U	380 U	380 U	360 U	370 U
VOC	1,4-DICHLOROBENZENE	µg/kg	430 UJ	400 UJ	390 U	380 U	380 U	360 U	370 UJ
VOC	2-HEXANONE	µg/kg	64.0 U	52.0 U	82.0 U	54.0 U	47.0 U	44.0 U	52.0 U
VOC	ACETONE	µg/kg	150 UJ	500 UJ	1,600 UJ	1,100 U	930 UJ	880 UJ	1,100 UJ
VOC	ACETONITRILE	µg/kg	1,300 UJ	1,000 UJ	1,600 UJ	1,100 UJ	930 UJ	880 UJ	1,100 UJ
VOC	ACROLEIN	µg/kg	640 UJ	520 UJ	820 U	540 U	470 U	440 U	520 UJ
VOC	ACRYLONITRILE	µg/kg	640 U	520 U	**260** J	540 U	470 U	440 U	520 U
VOC	ALLYL CHLORIDE (3-CHLOROPROPENE)	µg/Kg	130 U	100 U	160 U	110 U	93.0 U	88.0 U	110 U
VOC	BENZENE	µg/kg	64.0 U	52.0 U	82.0 U	54.0 U	47.0 U	44.0 U	52.0 U
VOC	BROMODICHLOROMETHANE	µg/kg	64.0 U	52.0 U	82.0 U	54.0 U	47.0 U	44.0 U	52.0 U
VOC	BROMOFORM	µg/kg	64.0 U	52.0 U	82.0 U	54.0 U	47.0 U	44.0 U	52.0 U
VOC	BROMOMETHANE	µg/kg	130 U	100 U	160 U	110 U	93.0 U	88.0 U	110 U
VOC	CARBON DISULFIDE	µg/kg	64.0 U	52.0 U	82.0 U	54.0 U	47.0 U	44.0 U	52.0 U
VOC	CARBON TETRACHLORIDE	µg/kg	64.0 U	52.0 U	82.0 U	54.0 U	47.0 U	44.0 U	52.0 U
VOC	CHLOROBENZENE	µg/kg	64.0 U	52.0 U	82.0 U	54.0 U	47.0 U	44.0 U	52.0 U
VOC	CHLOROETHANE	µg/kg	64.0 U	52.0 U	82.0 UJ	54.0 UJ	47.0 U	44.0 UJ	52.0 U
VOC	CHLOROFORM	µg/kg	64.0 U	52.0 U	82.0 U	54.0 U	47.0 UJ	44.0 U	52.0 U
VOC	CHLOROMETHANE	µg/kg	64.0 UJ	52.0 UJ	**87.0**	54.0 U	47.0 U	44.0 U	52.0 UJ
VOC	CHLOROPRENE (2-CHLORO-1,3-BUTADIENE)	µg/Kg	640 U	520 U	820 U	540 U	470 U	440 U	520 U
VOC	CIS-1,3-DICHLOROPROPENE	µg/Kg	64.0 U	52.0 U	82.0 U	54.0 U	47.0 U	44.0 U	52.0 U
VOC	DIBROMOCHLOROMETHANE	µg/kg	64.0 U	52.0 U	82.0 U	54.0 U	47.0 U	44.0 U	52.0 U
VOC	DIBROMOMETHANE	µg/kg	64.0 U	52.0 U	82.0 U	54.0 U	47.0 U	44.0 U	52.0 U
VOC	DICHLORODIFLUOROMETHANE	µg/kg	64.0 U	52.0 U	82.0 UJ	54.0 U	47.0 UJ	44.0 UJ	52.0 U
VOC	ETHYL BENZENE	µg/kg	64.0 U	52.0 U	82.0 U	54.0 U	47.0 U	**67.0**	**69.0**
VOC	ETHYL METHACRYLATE	µg/Kg	130 U	100 U	160 U	110 U	93.0 U	88.0 U	110 U
VOC	ISOBUTANOL	µg/kg	6,400 U	5,200 U	8,200 UJ	5,400 UJ	4,700 UJ	4,400 UJ	5,200 U
VOC	METHYL ETHYL KETONE (2-BUTANONE)	µg/kg	320 U	260 U	410 U	270 U	230 U	220 U	260 U
VOC	METHYL IODIDE (IODOMETHANE)	µg/Kg	210 UJ	52.0 UJ	82.0 U	54.0 U	47.0 U	44.0 U	52.0 UJ
VOC	METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	µg/kg	130 U	100 U	160 U	110 U	93.0 U	88.0 U	110 U
VOC	METHYL METHACRYLATE	µg/Kg	130 U	100 U	160 U	110 U	93.0 U	88.0 U	110 U
VOC	METHYLACRYLONITRILE	µg/Kg	320 U	260 U	410 UJ	270 U	230 UJ	220 UJ	260 U
VOC	METHYLENE CHLORIDE	µg/kg	320 U	260 U	410 U	270 U	230 U	220 U	260 U
VOC	PENTOCHLORETHANE	µg/Kg	430 U	400 U	390 U	380 U	380 U	360 U	370 U
VOC	PROPIONITRILE, ETHYL CYANIDE	µg/Kg	1,300 UJ	1,000 UJ	1,600 UJ	1,100 UJ	930 UJ	880 UJ	1,100 UJ
VOC	STYRENE	µg/kg	64.0 U	52.0 U	82.0 U	54.0 U	47.0 U	44.0 U	**160**
VOC	TETRACHLOROETHENE (PCE)	µg/kg	64.0 U	52.0 U	82.0 U	54.0 U	47.0 U	44.0 U	52.0 U
VOC	TOLUENE	µg/kg	64.0 UJ	52.0 UJ	**770**	**3,400**	**3,900**	**1,400**	52.0 UJ
VOC	TRANS-1,2-DICHLOROETHENE	µg/kg	64.0 U	52.0 U	82.0 U	54.0 U	47.0 U	44.0 U	52.0 U
VOC	TRANS-1,3-DICHLOROPROPENE	µg/Kg	64.0 U	52.0 U	82.0 U	54.0 U	47.0 U	44.0 U	52.0 U
VOC	TRANS-1,4-DICHLORO-2-BUTENE	µg/Kg	64.0 U	52.0 U	82.0 U	54.0 U	47.0 U	44.0 U	52.0 U
VOC	TRICHLOROETHENE (TCE)	µg/kg	64.0 U	52.0 U	82.0 U	54.0 U	47.0 U	44.0 U	52.0 U
VOC	TRICHLOROFLUOROMETHANE	µg/kg	64.0 U	52.0 U	82.0 U	54.0 U	47.0 U	44.0 U	52.0 U
VOC	VINYL ACETATE	µg/kg	64.0 U	52.0 U	82.0 U	54.0 U	47.0 U	44.0 U	52.0 U
VOC	VINYL CHLORIDE	µg/kg	64.0 U	52.0 U	82.0 U	54.0 U	47.0 U	44.0 U	52.0 U
VOC	XYLENES, TOTAL	µg/kg	190 U	160 U	250 U	160 U	140 U	**140**	**280**

J = Estimated value
U = Undetected
UJ = Undetected; Estimated detection limit
Bold = analyte detected

Table 2
Potential Constituents of Concern (PCOI) Soil Analytical Results
Dow Midland Representative Soils Project

			9386-2	9496-1	9496-2	9645-1-C	9645-1	9645-2-C	9645-2
			MidBlind_9386-2	MidBlind_9496-1	MidBlind_9496-2	MidBlind_9645-1-C	MidBlind_9645-1	MidBlind_9645-2-C	MidBlind_9645-2
			10/30/2006	11/13/2006	11/13/2006	11/13/2006	11/13/2006	11/13/2006	11/13/2006
		Sam	1-6	0-1	1-6	0-1	0-1	1-6	1-6
			Soil	Soil	Soil	Soil	Soil	Soil	Soil
Group	**Analyte**	**Units**							
GEN	CYANIDE, TOTAL	µg/kg	**600**	**260**	560 U	**18.0** J	120 U	110 U	120 U
GEN	SULFIDE	mg/Kg	89.0 U	96.0 U	90.0 U	94.0 U	94.0 U	92.0 U	92.0 U
GEN	TOTAL ORGANIC CARBON	mg/kg	**11,000**	**15,000**	100 U	**13,000**	**16,000**	**11,000**	**10,000**
HERB	2,4,5-T (TRICHLOROPHENOXYACETIC ACID)	µg/Kg	19.0 U	21.0 U	19.0 U	20.0 U	20.0 U	20.0 U	20.0 U
HERB	2,4-D (DICHLOROPHENOXYACETIC ACID)	µg/kg	**16.0** J	21.0 U	19.0 U	20.0 U	**14.0** J	20.0 U	20.0 U
HERB	DINOSEB	µg/kg	370 U	390 U	370 UJ	390 U	380 U	380 U	370 U
HERB	SILVEX (2,4,5-TP)	µg/kg	19.0 U	21.0 U	19.0 U	20.0 U	20.0 U	20.0 U	20.0 U
MET	ANTIMONY	µg/kg	**2,700** J	460 U	220 U	1,200 U	1,100 U	740 UJ	1,400 U
MET	ARSENIC	µg/kg	360 U	**3,100**	**5,500**	**2,000**	**2,200**	**2,500**	**2,600**
MET	BARIUM	µg/kg	**17,000**	**81,000**	**70,000**	**25,000**	**26,000**	**27,000**	**28,000**
MET	BERYLLIUM	µg/kg	**78.0** J	**1,100**	**720**	**180** J	**190** J	**200** J	**210** J
MET	CADMIUM	µg/kg	**58.0** J	**170** J	**300**	160 U	160 U	170 U	180 U
MET	CHROMIUM, TOTAL	µg/kg	**39,000**	**11,000**	**6,400**	**3,900**	**4,100**	**4,200** J	**4,300**
MET	COBALT	µg/kg	**1,900**	**6,000**	**5,100**	**1,500**	**1,600**	**1,600**	**1,800**
MET	COPPER	µg/kg	**55,000**	**18,000**	**19,000**	**5,500**	**5,800**	**6,300**	**6,100**
MET	LEAD	µg/kg	**15,000**	**11,000**	**12,000**	**9,900**	**10,000**	**12,000**	**11,000**
MET	MERCURY	µg/kg	**170**	**31.0**	**35.0**	23.0 U	26.0 U	21.0 U	**30.0**
MET	NICKEL	µg/kg	**5,600**	**15,000**	**14,000**	**4,100**	**4,300**	**4,600**	**5,000**
MET	SELENIUM	µg/kg	940 U	1,000 U	470 U	490 U	490 U	480 U	490 U
MET	SILVER	µg/kg	110 U	110 U	53.0 U	55.0 U	55.0 U	54.0 U	54.0 U
MET	THALLIUM	µg/kg	380 U	410 U	190 U	200 U	200 U	200 U	200 U
MET	TIN	mg/kg	1.0 U	1.1 U	0.5 U	0.52 U	0.52 U	0.51 U	0.52 U
MET	VANADIUM	µg/kg	**6,500**	**25,000**	**20,000**	**7,600**	**8,100**	**8,400**	**8,700**
MET	ZINC	µg/kg	**180,000**	**38,000**	**49,000**	21,000 U	22,000 U	22,000 U	22,000 U
PCB	PCB-1016 (AROCLOR 1016)	µg/Kg	37.0 U	39.0 U	36.0 U	39.0 U	38.0 U	38.0 U	38.0 U
PCB	PCB-1221 (AROCLOR 1221)	µg/Kg	37.0 U	39.0 U	36.0 U	39.0 U	38.0 U	38.0 U	38.0 U
PCB	PCB-1232 (AROCLOR 1232)	µg/Kg	37.0 U	39.0 U	36.0 U	39.0 U	38.0 U	38.0 U	38.0 U
PCB	PCB-1242 (AROCLOR 1242)	µg/Kg	37.0 U	39.0 U	36.0 U	39.0 U	38.0 U	38.0 U	38.0 U
PCB	PCB-1248 (AROCLOR 1248)	µg/Kg	37.0 U	39.0 U	36.0 U	39.0 U	38.0 U	38.0 U	38.0 U
PCB	PCB-1254 (AROCLOR 1254)	µg/Kg	37.0 U	39.0 U	36.0 U	39.0 U	38.0 U	38.0 U	38.0 U
PCB	PCB-1260 (AROCLOR 1260)	µg/Kg	37.0 U	**77.0**	**60.0**	39.0 U	38.0 U	38.0 U	38.0 U
PCB	PCB-1262 (AROCLOR 1262)	µg/Kg	37.0 U	**99.0**	36.0 U	39.0 U	38.0 U	38.0 U	38.0 U
PCB	PCB-1268 (AROCLOR 1268)	µg/Kg	37.0 U	39.0 U	36.0 U	39.0 U	38.0 U	38.0 U	38.0 U
PCB	SUMMED PCB	µg/Kg	**170**	**310**	**210**	**180**	**170**	**170**	**170**
PEST	1,2-DIBROMO-3-CHLOROPROPANE	µg/kg	44.0 U	56.0 U	46.0 U	55.0 U	50.0 U	47.0 U	46.0 U
PEST	4,4'-DDD	µg/kg	22.0 U	24.0 U	22.0 U	24.0 U	23.0 U	23.0 U	23.0 U
PEST	4,4'-DDE	µg/kg	**7.3** J	24.0 U	22.0 U	**1.2** J	**1.1** J	**2.0** J	**1.2** J
PEST	4,4'-DDT	µg/kg	**26.0** J	24.0 U	22.0 U	24.0 U	23.0 U	23.0 U	23.0 U
PEST	ALDRIN	µg/kg	22.0 U	24.0 U	22.0 U	24.0 U	23.0 U	23.0 U	23.0 U
PEST	ALPHA BHC	µg/kg	**1.0** J	24.0 U	22.0 U	24.0 U	23.0 U	23.0 U	23.0 U
PEST	BETA BHC	µg/kg	**8.5** J	24.0 U	22.0 U	24.0 U	23.0 U	23.0 U	23.0 U
PEST	CHLORDANE	µg/kg	28.0 U	30.0 U	28.0 U	29.0 U	29.0 U	29.0 U	29.0 U
PEST	DELTA BHC	µg/Kg	22.0 U	24.0 U	22.0 U	24.0 U	23.0 U	23.0 U	23.0 U
PEST	DIELDRIN	µg/kg	**3.8** J	24.0 U	22.0 U	24.0 U	23.0 U	23.0 U	23.0 U
PEST	DIMETHOATE	µg/Kg	730 U	780 U	730 U	770 U	770 U	750 U	750 U
PEST	DISULFOTON	µg/Kg	730 U	780 U	730 U	770 U	770 U	750 U	750 U
PEST	ENDOSULFAN I	µg/Kg	**1.3** J	24.0 U	22.0 U	24.0 U	23.0 U	23.0 U	23.0 UJ
PEST	ENDOSULFAN II	µg/Kg	22.0 U	24.0 U	22.0 U	24.0 U	23.0 U	23.0 U	23.0 U
PEST	ENDOSULFAN SULFATE	µg/Kg	22.0 U	24.0 U	22.0 U	24.0 U	23.0 U	23.0 U	23.0 U
PEST	ENDRIN	µg/kg	22.0 U	24.0 U	22.0 U	24.0 U	23.0 U	23.0 U	23.0 U
PEST	ENDRIN ALDEHYDE	µg/Kg	22.0 U	24.0 U	22.0 U	24.0 U	23.0 U	23.0 U	23.0 U
PEST	FAMPHUR	µg/Kg	730 UJ	780 UJ	730 UJ	770 UJ	770 UJ	750 UJ	750 UJ
PEST	GAMMA BHC (LINDANE)	µg/kg	22.0 U	24.0 U	22.0 U	24.0 U	23.0 U	23.0 U	23.0 U
PEST	HEPTACHLOR	µg/kg	22.0 U	24.0 U	22.0 U	24.0 U	23.0 U	23.0 U	23.0 U
PEST	HEPTACHLOR EPOXIDE	µg/kg	22.0 U	24.0 U	22.0 U	24.0 U	23.0 U	23.0 U	23.0 U
PEST	KEPONE	µg/Kg	1,900 U	2,000 U	1,900 U	2,000 U	2,000 U	1,900 U	1,900 U
PEST	METHOXYCHLOR	µg/kg	**9.1** J	60.0 U	55.0 U	59.0 U	58.0 U	57.0 U	57.0 U
PEST	O,O,O-TRIETHYL PHOSPHOROTHIOATE	µg/Kg	370 U	390 U	370 U	390 U	380 U	380 U	370 U
PEST	O,O-DIETHYL O-2-PYRAZINYL PHOSPHOROTHIOATE (THIONAZIN)	µg/Kg	370 U	390 U	370 U	390 U	380 U	380 U	370 U
PEST	PARATHION, ETHYL (PARATHION)	µg/Kg	370 U	390 U	370 U	390 U	380 U	380 U	370 U
PEST	PARATHION, METHYL	µg/kg	730 U	780 U	730 U	770 U	770 U	750 U	750 U
PEST	PHORATE	µg/Kg	730 U	780 UJ	730 UJ	770 UJ	770 UJ	750 UJ	750 UJ
PEST	TETRAETHYL DITHIOPYROPHOSPHATE (SULFOTEPP)	µg/Kg	730 U	780 U	730 U	770 U	770 U	750 U	750 U
PEST	TOXAPHENE	µg/kg	190 U	200 U	190 U	200 U	200 U	200 U	190 U
SVOC	1,2,4,5-TETRACHLOROBENZENE	µg/kg	370 U	390 U	370 U	390 U	380 U	380 U	370 U
SVOC	1,3-DINITROBENZENE	µg/Kg	370 U	390 U	370 U	390 U	380 U	380 U	370 U
SVOC	1,4-DIOXANE	µg/kg	370 U	390 UJ	370 UJ	390 UJ	380 UJ	380 UJ	370 UJ
SVOC	1,4-NAPHTHOQUINONE	µg/Kg	730 U	780 U	730 UJ	770 U	770 U	750 U	750 U
SVOC	1-NAPHTHYLAMINE	µg/Kg	370 UJ	390 U	370 U	390 U	380 U	380 U	370 U
SVOC	2,2'-OXYBIS(1-CHLOROPROPANE)	µg/Kg	370 U	390 U	370 U	390 U	380 U	380 U	370 U
SVOC	2,3,4,6-TETRACHLOROPHENOL	µg/Kg	370 U	390 U	370 U	390 U	380 U	380 U	370 U
SVOC	2,4,5-TRICHLOROPHENOL	µg/kg	370 U	390 U	370 U	390 U	380 U	380 U	370 U
SVOC	2,4,6-TRICHLOROPHENOL	µg/kg	370 U	390 U	370 U	390 U	380 U	380 U	370 U
SVOC	2,4-DICHLOROPHENOL	µg/kg	370 U	390 U	370 U	390 U	380 U	380 U	370 U
SVOC	2,4-DIMETHYLPHENOL	µg/kg	370 U	390 U	370 U	390 U	380 U	380 U	370 U
SVOC	2,4-DINITROPHENOL	µg/Kg	1,900 U	2,000 U	1,900 UJ	2,000 U	2,000 U	1,900 U	1,900 U
SVOC	2,4-DINITROTOLUENE	µg/kg	370 U	390 U	370 U	390 U	380 U	380 U	370 U
SVOC	2,6-DICHLOROPHENOL	µg/Kg	370 U	390 U	370 U	390 U	380 U	380 U	370 U

J = Estimated value
U = Undetected
UJ = Undetected; Estimated detection limit
Bold = analyte detected

Table 2
Potential Constituents of Concern (PCOI) Soil Analytical Results
Dow Midland Representative Soils Project

			9386-2	9496-1	9496-2	9645-1-C	9645-1	9645-2-C	9645-2
			MidBlind_9386-2	MidBlind_9496-1	MidBlind_9496-2	MidBlind_9645-1-C	MidBlind_9645-1	MidBlind_9645-2-C	MidBlind_9645-2
			10/30/2006	11/13/2006	11/13/2006	11/13/2006	11/13/2006	11/13/2006	11/13/2006
		Sam	1-6	0-1	1-6	0-1	0-1	1-6	1-6
			Soil	Soil	Soil	Soil	Soil	Soil	Soil
Group	**Analyte**	**Units**							
SVOC	2,6-DINITROTOLUENE	µg/Kg	370 U	390 U	370 U	390 U	380 U	380 U	370 U
SVOC	2-Acetylaminofluorene	µg/Kg	370 U	390 U	370 U	390 U	380 U	380 U	370 U
SVOC	2-CHLORONAPHTHALENE	µg/kg	370 U	390 U	370 U	390 U	380 U	380 U	370 U
SVOC	2-CHLOROPHENOL	µg/kg	370 U	390 U	370 U	390 U	380 U	380 U	370 U
SVOC	2-METHYLNAPHTHALENE	µg/kg	370 U	**21.0** J	**23.0** J	390 U	380 U	380 U	370 U
SVOC	2-METHYLPHENOL (O-CRESOL)	µg/Kg	370 U	390 U	370 U	390 U	380 U	380 U	370 U
SVOC	2-NAPHTHYLAMINE	µg/Kg	370 U	390 U	370 U	390 U	380 U	380 U	370 U
SVOC	2-NITROANILINE	µg/Kg	1,900 U	2,000 U	1,900 U	2,000 U	2,000 U	1,900 U	1,900 U
SVOC	2-NITROPHENOL	µg/kg	370 U	390 U	370 U	390 U	380 U	380 U	370 U
SVOC	3 & 4-METHYLPHENOL (M,P-CRESOL)	µg/Kg	370 U	390 U	370 U	390 U	380 U	380 U	370 U
SVOC	3,3'-DICHLOROBENZIDINE	µg/kg	730 U	780 U	730 U	770 U	770 U	750 U	750 U
SVOC	3,3'-DIMETHYLBENZIDINE	µg/Kg	370 U	390 U	370 U	390 U	380 U	380 U	370 U
SVOC	3-METHYLCHOLANTHRENE	µg/Kg	370 U	390 U	370 U	390 U	380 U	380 U	370 U
SVOC	3-NITROANILINE	µg/Kg	1,900 U	2,000 U	1,900 U	2,000 U	2,000 U	1,900 U	1,900 U
SVOC	4,6-DINITRO-2-METHYLPHENOL	µg/kg	1,900 U	2,000 U	1,900 U	2,000 U	2,000 U	1,900 U	1,900 U
SVOC	4-AMINOBIPHENYL	µg/Kg	370 U	390 U	370 U	390 U	380 U	380 U	370 U
SVOC	4-BROMOPHENYL PHENYL ETHER	µg/Kg	370 U	390 U	370 U	390 U	380 U	380 U	370 U
SVOC	4-CHLORO-3-METHYLPHENOL	µg/kg	370 U	390 U	370 U	390 U	380 U	380 U	370 U
SVOC	4-CHLOROANILINE	µg/Kg	370 U	390 U	370 U	390 U	380 U	380 U	370 U
SVOC	4-CHLOROPHENYL PHENYL ETHER	µg/Kg	370 U	390 U	370 U	390 U	380 U	380 U	370 U
SVOC	4-NITROANILINE	µg/Kg	1,900 U	2,000 U	1,900 U	2,000 U	2,000 U	1,900 U	1,900 U
SVOC	4-NITROPHENOL	µg/Kg	1,900 U	2,000 U	1,900 U	2,000 U	2,000 U	1,900 U	1,900 U
SVOC	4-NITROQUINOLINE-1-OXIDE	µg/Kg	370 U	390 UJ	370 U	390 U	380 U	380 U	370 UJ
SVOC	5-NITRO-O-TOLUIDINE	µg/Kg	370 U	390 U	370 U	390 U	380 U	380 U	370 U
SVOC	7,12-DIMETHYLBENZ(A)ANTHRACENE	µg/Kg	370 U	390 U	370 U	390 U	380 U	380 U	370 U
SVOC	ACENAPHTHENE	µg/kg	370 UJ	390 U	370 U	390 U	380 U	380 U	370 U
SVOC	ACENAPHTHYLENE	µg/kg	370 U	390 U	370 U	390 U	380 U	380 U	370 U
SVOC	ACETOPHENONE	µg/kg	370 U	390 U	370 U	390 U	380 U	380 U	370 U
SVOC	ALPHA, ALPHA DIMETHYLPHENETHYLAMINE	µg/Kg	370 U	390 UJ	370 U	390 U	380 U	380 U	370 U
SVOC	ANILINE	µg/kg	370 U	390 U	370 U	390 U	380 U	380 U	370 U
SVOC	ANTHRACENE	µg/kg	**13.0** J	390 U	370 U	390 U	380 U	380 U	370 U
SVOC	ARAMITE (TOTAL)	µg/Kg	370 U	390 U	370 U	390 U	380 U	380 U	370 U
SVOC	BENZO(A)ANTHRACENE	µg/kg	370 U	390 U	370 U	390 U	380 U	380 U	370 U
SVOC	BENZO(A)PYRENE	µg/kg	370 UJ	390 U	370 U	**15.0** J	**17.0** J	**9.2** J	**17.0** J
SVOC	BENZO(B)FLUORANTHENE	µg/kg	370 U	**29.0** J	370 U	**44.0** J	**37.0** J	**30.0** J	**38.0** J
SVOC	BENZO(G,H,I)PERYLENE	µg/kg	**150** J	**34.0** J	370 U	**39.0** J	**37.0** J	380 U	370 U
SVOC	BENZO(K)FLUORANTHENE	µg/kg	**56.0** J	390 U	370 U	**12.0** J	380 U	380 U	**15.0** J
SVOC	BENZYL ALCOHOL	µg/kg	370 U	390 U	370 U	390 U	380 U	380 U	370 U
SVOC	BENZYL BUTYL PHTHALATE	µg/kg	370 U	390 U	370 U	390 U	380 U	380 U	370 U
SVOC	BIS(2-CHLOROETHOXY) METHANE	µg/kg	370 U	390 U	370 U	390 U	380 U	380 U	370 U
SVOC	BIS(2-CHLOROETHYL) ETHER	µg/kg	370 U	390 U	370 U	390 U	380 U	380 U	370 U
SVOC	BIS(2-ETHYLHEXYL) PHTHALATE	µg/kg	370 U	**24.0** J	370 U	390 U	**56.0** J	380 U	370 U
SVOC	CHLOROBENZILATE	µg/Kg	370 U	390 U	370 U	390 U	380 U	380 U	370 U
SVOC	CHRYSENE	µg/kg	370 U	390 U	370 U	390 U	380 U	380 U	370 U
SVOC	DI-N-BUTYL PHTHALATE	µg/kg	**59.0** J	390 U	370 U	390 U	380 U	380 U	370 U
SVOC	DI-N-OCTYLPHTHALATE	µg/kg	370 UJ	390 U	370 U	390 UJ	380 UJ	380 UJ	370 UJ
SVOC	DIALLATE (TOTAL OF CIS AND TRANS ISOMERS)	µg/Kg	370 U	390 U	370 U	390 UJ	380 UJ	380 UJ	370 UJ
SVOC	DIBENZ(A,H)ANTHRACENE	µg/kg	**66.0** J	390 U	370 U	390 U	380 U	380 U	370 U
SVOC	DIBENZOFURAN	µg/kg	370 U	390 U	370 U	390 U	380 U	380 U	370 U
SVOC	DIETHYL PHTHALATE	µg/kg	**13.0** J	390 U	370 U	390 U	380 U	380 U	370 U
SVOC	DIMETHYL PHTHALATE	µg/kg	370 U	390 U	370 U	390 U	380 U	380 U	370 U
SVOC	DIPHENYLAMINE	µg/Kg	370 U	390 U	370 U	390 U	380 U	380 U	370 U
SVOC	ETHYL METHANESULFONATE	µg/Kg	370 U	390 U	370 U	390 UJ	380 UJ	380 UJ	370 UJ
SVOC	FLUORANTHENE	µg/kg	370 UJ	390 U	370 U	**31.0** J	380 U	**15.0** J	**26.0** J
SVOC	FLUORENE	µg/kg	370 U	390 U	370 U	390 U	380 U	380 U	370 U
SVOC	HEXACHLOROBENZENE	µg/kg	370 U	390 U	370 U	390 U	380 U	380 U	370 U
SVOC	HEXACHLOROBUTADIENE	µg/kg	370 U	390 U	370 U	390 U	380 U	380 U	370 U
SVOC	HEXACHLOROCYCLOPENTADIENE	µg/kg	370 U	390 U	370 U	390 U	380 U	380 U	370 U
SVOC	HEXACHLOROETHANE	µg/kg	370 U	390 U	370 U	390 U	380 U	380 U	370 U
SVOC	HEXACHLOROPHENE	µg/Kg	730 UJ	780 UJ	730 UJ	770 UJ	770 UJ	750 UJ	750 UJ
SVOC	HEXACHLOROPROPENE	µg/Kg	370 U	390 U	370 U	390 U	380 U	380 U	370 U
SVOC	INDENO(1,2,3-C,D)PYRENE	µg/kg	370 U	390 U	370 UJ	390 U	380 U	380 U	370 U
SVOC	ISODRIN	µg/Kg	370 U	390 U	370 U	390 U	380 U	380 U	370 U
SVOC	ISOPHORONE	µg/kg	370 U	390 U	370 U	390 U	380 U	380 U	370 U
SVOC	ISOSAFROLE	µg/Kg	370 U	390 U	370 U	390 U	380 U	380 U	370 U
SVOC	METHAPYRILENE	µg/Kg	370 UJ	390 U	370 U	390 U	380 U	380 U	370 U
SVOC	METHYL METHANESULFONATE	µg/Kg	370 U	390 U	370 U	390 U	380 U	380 U	370 U
SVOC	N-NITROSO-DI-N-BUTYLAMINE	µg/Kg	370 U	390 U	370 U	390 U	380 U	380 U	370 U
SVOC	N-NITROSODI-N-PROPYLAMINE	µg/kg	370 U	390 U	370 U	390 U	380 U	380 U	370 U
SVOC	N-NITROSODIETHYLAMINE	µg/Kg	370 U	390 U	370 U	390 UJ	380 UJ	380 UJ	370 UJ
SVOC	N-NITROSODIMETHYLAMINE	µg/Kg	370 UJ	390 UJ	370 U	390 U	380 U	380 U	370 U

J = Estimated value
U = Undetected
UJ = Undetected; Estimated detection limit
Bold = analyte detected

Table 2
Potential Constituents of Concern (PCOI) Soil Analytical Results
Dow Midland Representative Soils Project

			9386-2	9496-1	9496-2	9645-1-C	9645-1	9645-2-C	9645-2
			MidBlind_9386-2	MidBlind_9496-1	MidBlind_9496-2	MidBlind_9645-1-C	MidBlind_9645-1	MidBlind_9645-2-C	MidBlind_9645-2
			10/30/2006	11/13/2006	11/13/2006	11/13/2006	11/13/2006	11/13/2006	11/13/2006
		Sam	1-6	0-1	1-6	0-1	0-1	1-6	1-6
			Soil	Soil	Soil	Soil	Soil	Soil	Soil
Group	**Analyte**	**Units**							
SVOC	N-NITROSODIPHENYLAMINE	µg/kg	370 UJ	390 U	370 U	390 U	380 U	380 U	370 U
SVOC	N-NITROSOMETHYLETHYLAMINE	µg/Kg	370 UJ	390 U	370 U	390 U	380 U	380 U	370 U
SVOC	N-NITROSOMORPHOLINE	µg/Kg	370 U	390 U	370 U	390 U	380 U	380 U	370 U
SVOC	N-NITROSOPIPERIDINE	µg/Kg	370 U	390 U	370 U	390 U	380 U	380 U	370 U
SVOC	N-NITROSOPYRROLIDINE	µg/Kg	370 U	390 U	370 U	390 U	380 U	380 U	370 U
SVOC	NAPHTHALENE	µg/kg	**430**	390 U	370 U	390 U	380 U	380 U	370 U
SVOC	NITROBENZENE	µg/kg	370 U	390 U	370 U	390 U	380 U	380 U	370 U
SVOC	O-TOLUIDINE	µg/Kg	370 U	390 U	370 U	390 U	380 U	380 U	370 U
SVOC	P-DIMETHYLAMINOAZOBENZENE	µg/Kg	370 U	390 U	370 U	390 U	380 U	380 U	370 U
SVOC	P-PHENYLENEDIAMINE	µg/Kg	370 U	390 UJ	370 UJ	390 UJ	380 UJ	380 UJ	370 UJ
SVOC	PENTACHLOROBENZENE	µg/kg	370 U	390 U	370 U	390 U	380 U	380 U	370 U
SVOC	PENTACHLORONITROBENZENE	µg/kg	370 U	390 U	370 U	390 U	380 U	380 U	370 U
SVOC	PENTACHLOROPHENOL	µg/kg	890 UJ	950 UJ	890 UJ	930 U	930 U	910 U	910 U
SVOC	PHENACETIN	µg/Kg	370 U	390 U	370 U	390 U	380 U	380 U	370 U
SVOC	PHENANTHRENE	µg/kg	**85.0** J	**42.0** J	**11.0** J	**12.0** J	**10.0** J	**7.8** J	**10.0** J
SVOC	PHENOL	µg/kg	370 UJ	390 U	370 U	390 U	380 U	380 U	370 U
SVOC	PRONAMIDE	µg/Kg	370 U	390 U	370 U	390 U	380 U	380 U	370 U
SVOC	PYRENE	µg/kg	**32.0** J	**28.0** J	370 U	**36.0** J	**27.0** J	**18.0** J	**30.0** J
SVOC	PYRIDINE	µg/kg	370 UJ	390 U	370 U	390 U	380 U	380 U	370 U
SVOC	SAFROLE	µg/Kg	370 U	390 U	370 U	390 U	380 U	380 U	370 U
SVOC	SYM-TRINITROBENZENE	µg/Kg	370 U	390 U	370 U	390 U	380 U	380 U	370 U
VOC	1,1,1,2-TETRACHLOROETHANE	µg/kg	44.0 U	56.0 U	46.0 U	55.0 U	50.0 U	47.0 U	46.0 U
VOC	1,1,1-TRICHLOROETHANE	µg/kg	44.0 U	56.0 U	46.0 U	55.0 U	50.0 U	47.0 U	46.0 U
VOC	1,1,2,2-TETRACHLOROETHANE	µg/kg	44.0 U	56.0 U	46.0 U	55.0 U	50.0 U	47.0 U	46.0 U
VOC	1,1,2-TRICHLOROETHANE	µg/kg	44.0 U	56.0 U	46.0 U	55.0 U	50.0 U	47.0 U	46.0 U
VOC	1,1-DICHLOROETHANE	µg/kg	44.0 U	56.0 U	46.0 U	55.0 U	50.0 U	47.0 U	46.0 U
VOC	1,1-DICHLOROETHENE	µg/kg	44.0 U	56.0 U	46.0 U	55.0 U	50.0 U	47.0 U	46.0 U
VOC	1,2,3-TRICHLOROPROPANE	µg/kg	44.0 U	56.0 U	46.0 U	55.0 U	50.0 U	47.0 U	46.0 U
VOC	1,2-DIBROMOETHANE (EDB)	µg/kg	44.0 U	56.0 U	46.0 U	55.0 U	50.0 U	47.0 U	46.0 U
VOC	1,2-DICHLOROBENZENE	µg/kg	370 U	390 U	370 U	390 U	380 U	380 U	370 U
VOC	1,2-DICHLOROETHANE	µg/kg	44.0 U	56.0 U	46.0 U	55.0 U	50.0 U	47.0 U	46.0 U
VOC	1,2-DICHLOROPROPANE	µg/kg	44.0 U	56.0 U	46.0 U	55.0 U	50.0 U	47.0 U	46.0 U
VOC	1,3-DICHLOROBENZENE	µg/kg	370 U	390 U	370 U	390 U	380 U	380 U	370 U
VOC	1,4-DICHLOROBENZENE	µg/kg	370 UJ	390 U	370 U	390 U	380 U	380 U	370 U
VOC	2-HEXANONE	µg/kg	44.0 U	56.0 U	46.0 U	55.0 U	50.0 U	47.0 U	46.0 U
VOC	ACETONE	µg/kg	550 UJ	1,100 UJ	910 UJ	1,100 U	1,000 U	940 U	920 U
VOC	ACETONITRILE	µg/kg	870 UJ	1,100 UJ	910 UJ	1,100 UJ	1,000 UJ	940 UJ	920 UJ
VOC	ACROLEIN	µg/kg	440 UJ	560 U	460 U	550 UJ	500 UJ	470 UJ	460 UJ
VOC	ACRYLONITRILE	µg/kg	440 U	560 U	460 U	550 U	500 U	470 U	**190** J
VOC	ALLYL CHLORIDE (3-CHLOROPROPENE)	µg/Kg	87.0 U	110 U	91.0 U	110 U	100.0 U	94.0 U	92.0 U
VOC	BENZENE	µg/kg	44.0 U	56.0 U	46.0 U	55.0 U	50.0 U	47.0 U	46.0 U
VOC	BROMODICHLOROMETHANE	µg/kg	44.0 U	56.0 U	46.0 U	55.0 U	50.0 U	47.0 U	46.0 U
VOC	BROMOFORM	µg/kg	44.0 U	56.0 U	46.0 U	55.0 U	50.0 U	47.0 U	46.0 U
VOC	BROMOMETHANE	µg/kg	87.0 U	110 U	91.0 U	110 U	100.0 U	94.0 U	92.0 U
VOC	CARBON DISULFIDE	µg/kg	44.0 U	56.0 U	46.0 U	55.0 U	50.0 U	47.0 U	46.0 U
VOC	CARBON TETRACHLORIDE	µg/kg	44.0 U	56.0 U	46.0 U	55.0 U	50.0 U	47.0 U	46.0 U
VOC	CHLOROBENZENE	µg/kg	44.0 U	56.0 U	46.0 U	55.0 U	50.0 U	47.0 U	46.0 U
VOC	CHLOROETHANE	µg/kg	44.0 U	56.0 UJ	46.0 UJ	55.0 UJ	50.0 UJ	47.0 UJ	46.0 U
VOC	CHLOROFORM	µg/kg	44.0 U	**29.0** J	46.0 U	**35.0** J	50.0 U	47.0 U	46.0 U
VOC	CHLOROMETHANE	µg/kg	44.0 UJ	56.0 U	46.0 U	55.0 U	50.0 U	47.0 U	46.0 U
VOC	CHLOROPRENE (2-CHLORO-1,3-BUTADIENE)	µg/Kg	440 U	560 U	460 U	550 U	500 U	470 U	460 U
VOC	CIS-1,3-DICHLOROPROPENE	µg/Kg	44.0 U	56.0 U	46.0 U	55.0 U	50.0 U	47.0 U	46.0 U
VOC	DIBROMOCHLOROMETHANE	µg/kg	44.0 U	56.0 U	46.0 U	55.0 U	50.0 U	47.0 U	46.0 U
VOC	DIBROMOMETHANE	µg/kg	44.0 U	56.0 U	46.0 U	55.0 U	50.0 U	47.0 U	46.0 U
VOC	DICHLORODIFLUOROMETHANE	µg/kg	44.0 U	56.0 UJ	46.0 UJ	55.0 U	50.0 U	47.0 U	46.0 U
VOC	ETHYL BENZENE	µg/kg	**150**	56.0 U	**26.0** J	55.0 U	50.0 U	47.0 U	46.0 U
VOC	ETHYL METHACRYLATE	µg/Kg	87.0 U	110 U	91.0 U	110 U	100.0 U	94.0 U	92.0 U
VOC	ISOBUTANOL	µg/kg	4,400 U	5,600 UJ	4,600 UJ	5,500 UJ	5,000 UJ	4,700 UJ	4,600 UJ
VOC	METHYL ETHYL KETONE (2-BUTANONE)	µg/kg	220 U	280 U	230 U	280 U	250 U	240 U	230 U
VOC	METHYL IODIDE (IODOMETHANE)	µg/kg	44.0 UJ	56.0 U	46.0 U	55.0 U	50.0 U	47.0 U	46.0 U
VOC	METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	µg/kg	87.0 U	110 U	91.0 U	110 U	100.0 U	94.0 U	92.0 U
VOC	METHYL METHACRYLATE	µg/Kg	87.0 U	110 U	91.0 U	110 U	100.0 U	94.0 U	92.0 U
VOC	METHYLACRYLONITRILE	µg/Kg	220 U	280 UJ	230 UJ	280 U	250 U	240 U	230 U
VOC	METHYLENE CHLORIDE	µg/kg	220 U	280 U	230 U	280 U	250 U	240 U	230 U
VOC	PENTOCHLORETHANE	µg/Kg	370 U	390 U	370 U	390 U	380 U	380 U	370 U
VOC	PROPIONITRILE, ETHYL CYANIDE	µg/Kg	870 UJ	1,100 UJ	910 UJ	1,100 UJ	1,000 UJ	940 UJ	920 UJ
VOC	STYRENE	µg/kg	**140**	56.0 U	46.0 U	55.0 U	50.0 U	47.0 U	46.0 U
VOC	TETRACHLOROETHENE (PCE)	µg/kg	44.0 U	56.0 U	46.0 U	55.0 U	50.0 U	47.0 U	46.0 U
VOC	TOLUENE	µg/kg	**440** J	56.0 U	**2,000**	**62.0**	50.0 U	47.0 U	46.0 U
VOC	TRANS-1,2-DICHLOROETHENE	µg/kg	44.0 U	56.0 U	46.0 U	55.0 U	50.0 U	47.0 U	46.0 U
VOC	TRANS-1,3-DICHLOROPROPENE	µg/Kg	44.0 U	56.0 U	46.0 U	55.0 U	50.0 U	47.0 U	46.0 U
VOC	TRANS-1,4-DICHLORO-2-BUTENE	µg/Kg	44.0 U	56.0 U	46.0 U	55.0 U	50.0 U	47.0 U	46.0 U
VOC	TRICHLOROETHENE (TCE)	µg/kg	44.0 U	56.0 U	46.0 U	55.0 U	50.0 U	47.0 U	46.0 U
VOC	TRICHLOROFLUOROMETHANE	µg/kg	44.0 U	56.0 UJ	46.0 U	55.0 U	50.0 U	47.0 U	46.0 U
VOC	VINYL ACETATE	µg/kg	44.0 U	56.0 U	46.0 U	55.0 U	50.0 U	47.0 U	46.0 U
VOC	VINYL CHLORIDE	µg/kg	44.0 U	56.0 U	46.0 U	55.0 U	50.0 U	47.0 U	46.0 U
VOC	XYLENES, TOTAL	µg/kg	**250**	170 U	**100** J	170 U	150 U	140 U	140 U

J = Estimated value
U = Undetected
UJ = Undetected; Estimated detection limit
Bold = analyte detected

Table 2
Potential Constituents of Concern (PCOI) Soil Analytical Results
Dow Midland Representative Soils Project

			9672-1	9672-2	9712-1	9712-2
			MidBlind_9672-1	MidBlind_9672-2	MidBlind_9712-1	MidBlind_9712-2
			10/30/2006	10/30/2006	11/13/2006	11/13/2006
		Sam	0-1	1-6	0-1	1-6
			Soil	Soil	Soil	Soil
Group	**Analyte**	**Units**				
GEN	CYANIDE, TOTAL	µg/kg	130 U	**75.0** J	**51.0** J	**12.0** J
GEN	SULFIDE	mg/Kg	100 UJ	92.0 UJ	100 U	97.0 U
GEN	TOTAL ORGANIC CARBON	mg/kg	**38,000**	100 U	**27,000**	**31,000**
HERB	2,4,5-T (TRICHLOROPHENOXYACETIC ACID)	µg/Kg	22.0 U	19.0 U	22.0 U	21.0 U
HERB	2,4-D (DICHLOROPHENOXYACETIC ACID)	µg/kg	22.0 U	19.0 U	22.0 U	21.0 U
HERB	DINOSEB	µg/kg	420 U	370 U	420 UJ	400 U
HERB	SILVEX (2,4,5-TP)	µg/kg	22.0 U	19.0 U	22.0 U	21.0 U
MET	ANTIMONY	µg/kg	250 U	230 U	1,400 U	430 U
MET	ARSENIC	µg/kg	**9,200**	**2,000**	**5,200**	**3,600**
MET	BARIUM	µg/kg	**24,000**	**7,800**	**38,000**	**37,000**
MET	BERYLLIUM	µg/kg	**310**	**92.0** J	**290**	**280**
MET	CADMIUM	µg/kg	**350**	**33.0** J	330 U	**240** J
MET	CHROMIUM, TOTAL	µg/kg	**8,300**	**2,200**	**6,600**	**7,100**
MET	COBALT	µg/kg	**2,600**	**910**	**2,500**	**2,600**
MET	COPPER	µg/kg	**39,000**	**5,500**	**13,000**	**13,000**
MET	LEAD	µg/kg	**31,000**	**3,400**	**20,000**	**18,000**
MET	MERCURY	µg/kg	**67.0**	18.0 U	**39.0**	**36.0**
MET	NICKEL	µg/kg	**8,500**	**2,600**	**6,700**	**6,900**
MET	SELENIUM	µg/kg	530 U	480 U	540 U	510 U
MET	SILVER	µg/kg	59.0 U	54.0 U	60.0 U	57.0 U
MET	THALLIUM	µg/kg	210 U	190 U	220 U	210 U
MET	TIN	mg/kg	0.57 U	0.51 U	0.57 U	0.55 U
MET	VANADIUM	µg/kg	**12,000**	**5,300**	**15,000**	**11,000**
MET	ZINC	µg/kg	110,000 U	8,500 U	41,000 U	**40,000**
PCB	PCB-1016 (AROCLOR 1016)	µg/Kg	42.0 U	38.0 U	42.0 U	40.0 U
PCB	PCB-1221 (AROCLOR 1221)	µg/Kg	42.0 U	38.0 U	42.0 U	40.0 U
PCB	PCB-1232 (AROCLOR 1232)	µg/Kg	42.0 U	38.0 U	42.0 U	40.0 U
PCB	PCB-1242 (AROCLOR 1242)	µg/Kg	42.0 U	38.0 U	42.0 U	40.0 U
PCB	PCB-1248 (AROCLOR 1248)	µg/Kg	42.0 U	38.0 U	42.0 U	40.0 U
PCB	PCB-1254 (AROCLOR 1254)	µg/Kg	42.0 U	38.0 U	42.0 U	40.0 U
PCB	PCB-1260 (AROCLOR 1260)	µg/Kg	42.0 U	38.0 U	42.0 U	40.0 U
PCB	PCB-1262 (AROCLOR 1262)	µg/Kg	42.0 U	38.0 U	42.0 U	40.0 U
PCB	PCB-1268 (AROCLOR 1268)	µg/Kg	42.0 U	38.0 U	42.0 U	40.0 U
PCB	SUMMED PCB	µg/Kg	**190**	**170**	**190**	**180**
PEST	1,2-DIBROMO-3-CHLOROPROPANE	µg/kg	69.0 U	47.0 U	66.0 U	49.0 U
PEST	4,4'-DDD	µg/kg	25.0 U	23.0 U	25.0 U	24.0 U
PEST	4,4'-DDE	µg/kg	**4.1** J	23.0 U	25.0 U	24.0 U
PEST	4,4'-DDT	µg/kg	**2.0** J	23.0 U	25.0 U	**4.3** J
PEST	ALDRIN	µg/kg	25.0 U	23.0 U	25.0 U	24.0 U
PEST	ALPHA BHC	µg/kg	25.0 U	23.0 U	25.0 U	24.0 U
PEST	BETA BHC	µg/kg	25.0 U	23.0 U	25.0 U	24.0 U
PEST	CHLORDANE	µg/kg	32.0 U	29.0 U	32.0 U	30.0 U
PEST	DELTA BHC	µg/Kg	25.0 U	23.0 U	25.0 U	24.0 U
PEST	DIELDRIN	µg/kg	25.0 U	23.0 U	**1.0** J	24.0 U
PEST	DIMETHOATE	µg/Kg	830 U	750 U	840 U	800 U
PEST	DISULFOTON	µg/Kg	830 U	750 U	840 U	800 U
PEST	ENDOSULFAN I	µg/Kg	25.0 U	23.0 U	25.0 U	24.0 U
PEST	ENDOSULFAN II	µg/Kg	25.0 U	23.0 U	25.0 U	24.0 U
PEST	ENDOSULFAN SULFATE	µg/Kg	25.0 U	23.0 U	25.0 U	24.0 U
PEST	ENDRIN	µg/kg	25.0 U	23.0 U	25.0 U	24.0 U
PEST	ENDRIN ALDEHYDE	µg/Kg	25.0 U	23.0 U	25.0 U	24.0 U
PEST	FAMPHUR	µg/Kg	830 UJ	750 UJ	840 UJ	800 UJ
PEST	GAMMA BHC (LINDANE)	µg/kg	25.0 U	23.0 U	25.0 U	24.0 U
PEST	HEPTACHLOR	µg/kg	25.0 U	23.0 U	25.0 U	24.0 U
PEST	HEPTACHLOR EPOXIDE	µg/kg	25.0 U	23.0 U	25.0 U	24.0 U
PEST	KEPONE	µg/Kg	2,100 U	1,900 U	2,100 U	2,000 U
PEST	METHOXYCHLOR	µg/kg	63.0 U	57.0 U	63.0 U	61.0 U
PEST	O,O,O-TRIETHYL PHOSPHOROTHIOATE	µg/Kg	420 U	370 U	420 U	400 U
PEST	O,O-DIETHYL O-2-PYRAZINYL PHOSPHOROTHIOATE (THIONAZIN)	µg/Kg	420 U	370 U	420 U	400 U
PEST	PARATHION, ETHYL (PARATHION)	µg/Kg	420 U	370 U	420 U	400 U
PEST	PARATHION, METHYL	µg/kg	830 U	750 U	840 U	800 U
PEST	PHORATE	µg/Kg	830 U	750 U	840 UJ	800 UJ
PEST	TETRAETHYL DITHIOPYROPHOSPHATE (SULFOTEPP)	µg/Kg	830 U	750 U	840 U	800 U
PEST	TOXAPHENE	µg/kg	210 U	190 U	220 U	210 U
SVOC	1,2,4,5-TETRACHLOROBENZENE	µg/kg	420 U	370 U	420 U	400 U
SVOC	1,3-DINITROBENZENE	µg/Kg	420 U	370 U	420 U	400 U
SVOC	1,4-DIOXANE	µg/kg	420 U	370 U	420 UJ	400 UJ
SVOC	1,4-NAPHTHOQUINONE	µg/Kg	830 U	750 U	840 UJ	800 U
SVOC	1-NAPHTHYLAMINE	µg/Kg	420 U	370 U	420 U	400 U
SVOC	2,2'-OXYBIS(1-CHLOROPROPANE)	µg/Kg	420 U	370 U	420 U	400 U
SVOC	2,3,4,6-TETRACHLOROPHENOL	µg/Kg	420 U	370 U	420 U	400 U
SVOC	2,4,5-TRICHLOROPHENOL	µg/kg	420 U	370 U	420 U	400 U
SVOC	2,4,6-TRICHLOROPHENOL	µg/kg	420 U	370 U	420 U	400 U
SVOC	2,4-DICHLOROPHENOL	µg/kg	420 U	370 U	420 U	400 U
SVOC	2,4-DIMETHYLPHENOL	µg/kg	420 U	370 U	420 U	400 U
SVOC	2,4-DINITROPHENOL	µg/Kg	2,100 U	1,900 U	2,100 UJ	2,000 U
SVOC	2,4-DINITROTOLUENE	µg/kg	420 U	370 U	420 U	400 U
SVOC	2,6-DICHLOROPHENOL	µg/Kg	420 U	370 U	420 U	400 U

J = Estimated value
U = Undetected
UJ = Undetected; Estimated detection limit
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Table 2
Potential Constituents of Concern (PCOI) Soil Analytical Results
Dow Midland Representative Soils Project

			9672-1	9672-2	9712-1	9712-2
			MidBlind_9672-1	MidBlind_9672-2	MidBlind_9712-1	MidBlind_9712-2
			10/30/2006	10/30/2006	11/13/2006	11/13/2006
		Sam	0-1	1-6	0-1	1-6
			Soil	Soil	Soil	Soil
Group	**Analyte**	**Units**				
SVOC	2,6-DINITROTOLUENE	µg/Kg	420 U	370 U	420 U	400 U
SVOC	2-Acetylaminofluorene	µg/Kg	420 U	370 U	420 U	400 U
SVOC	2-CHLORONAPHTHALENE	µg/kg	420 U	370 U	420 U	400 U
SVOC	2-CHLOROPHENOL	µg/kg	420 U	370 U	420 U	400 U
SVOC	2-METHYLNAPHTHALENE	µg/kg	**260** J	**11.0** J	420 U	400 U
SVOC	2-METHYLPHENOL (O-CRESOL)	µg/Kg	420 U	370 U	420 U	400 U
SVOC	2-NAPHTHYLAMINE	µg/Kg	420 U	370 U	420 U	400 U
SVOC	2-NITROANILINE	µg/Kg	2,100 U	1,900 U	2,100 U	2,000 U
SVOC	2-NITROPHENOL	µg/kg	420 U	370 U	420 U	400 U
SVOC	3 & 4-METHYLPHENOL (M,P-CRESOL)	µg/Kg	420 U	370 U	420 U	400 U
SVOC	3,3'-DICHLOROBENZIDINE	µg/kg	830 U	750 U	840 U	800 U
SVOC	3,3'-DIMETHYLBENZIDINE	µg/Kg	420 U	370 U	420 U	400 U
SVOC	3-METHYLCHOLANTHRENE	µg/Kg	420 U	370 U	420 U	400 U
SVOC	3-NITROANILINE	µg/Kg	2,100 U	1,900 U	2,100 U	2,000 U
SVOC	4,6-DINITRO-2-METHYLPHENOL	µg/kg	2,100 U	1,900 U	2,100 U	2,000 U
SVOC	4-AMINOBIPHENYL	µg/Kg	420 U	370 U	420 U	400 U
SVOC	4-BROMOPHENYL PHENYL ETHER	µg/Kg	420 U	370 U	420 U	400 U
SVOC	4-CHLORO-3-METHYLPHENOL	µg/kg	420 U	370 U	420 U	400 U
SVOC	4-CHLOROANILINE	µg/Kg	420 U	370 U	420 U	400 U
SVOC	4-CHLOROPHENYL PHENYL ETHER	µg/Kg	420 U	370 U	420 U	400 U
SVOC	4-NITROANILINE	µg/Kg	2,100 U	1,900 U	2,100 U	2,000 U
SVOC	4-NITROPHENOL	µg/Kg	2,100 U	1,900 U	2,100 U	2,000 U
SVOC	4-NITROQUINOLINE-1-OXIDE	µg/Kg	420 U	370 U	420 U	400 UJ
SVOC	5-NITRO-O-TOLUIDINE	µg/Kg	420 U	370 U	420 U	400 U
SVOC	7,12-DIMETHYLBENZ(A)ANTHRACENE	µg/Kg	420 U	370 U	420 U	400 U
SVOC	ACENAPHTHENE	µg/kg	420 UJ	370 UJ	420 U	400 U
SVOC	ACENAPHTHYLENE	µg/kg	420 U	370 U	420 U	400 U
SVOC	ACETOPHENONE	µg/kg	420 U	370 U	420 U	400 U
SVOC	ALPHA, ALPHA DIMETHYLPHENETHYLAMINE	µg/Kg	420 U	370 U	420 U	400 UJ
SVOC	ANILINE	µg/kg	420 U	370 U	420 U	400 U
SVOC	ANTHRACENE	µg/kg	**12.0** J	370 U	420 U	**9.9** J
SVOC	ARAMITE (TOTAL)	µg/Kg	420 U	370 U	420 U	400 U
SVOC	BENZO(A)ANTHRACENE	µg/kg	420 U	370 U	420 U	400 U
SVOC	BENZO(A)PYRENE	µg/kg	**25.0** J	370 UJ	**34.0** J	**26.0** J
SVOC	BENZO(B)FLUORANTHENE	µg/kg	**70.0** J	**41.0** J	**66.0** J	**53.0** J
SVOC	BENZO(G,H,I)PERYLENE	µg/kg	**170** J	**150** J	**51.0** J	**56.0** J
SVOC	BENZO(K)FLUORANTHENE	µg/kg	**58.0** J	370 U	**15.0** J	**14.0** J
SVOC	BENZYL ALCOHOL	µg/kg	420 U	370 U	420 U	400 U
SVOC	BENZYL BUTYL PHTHALATE	µg/kg	420 U	370 U	**15.0** J	400 U
SVOC	BIS(2-CHLOROETHOXY) METHANE	µg/Kg	420 U	370 U	420 U	400 U
SVOC	BIS(2-CHLOROETHYL) ETHER	µg/kg	420 U	370 U	420 U	400 U
SVOC	BIS(2-ETHYLHEXYL) PHTHALATE	µg/kg	420 U	370 UJ	**90.0** J	**70.0** J
SVOC	CHLOROBENZILATE	µg/Kg	420 U	370 U	420 U	400 U
SVOC	CHRYSENE	µg/kg	**59.0** J	**25.0** J	420 U	400 U
SVOC	DI-N-BUTYL PHTHALATE	µg/kg	420 U	370 U	**47.0** J	400 U
SVOC	DI-N-OCTYLPHTHALATE	µg/kg	420 UJ	370 UJ	420 UJ	400 U
SVOC	DIALLATE (TOTAL OF CIS AND TRANS ISOMERS)	µg/Kg	420 U	370 U	420 U	400 U
SVOC	DIBENZ(A,H)ANTHRACENE	µg/kg	420 U	370 U	420 U	400 U
SVOC	DIBENZOFURAN	µg/kg	**56.0** J	370 U	420 U	400 U
SVOC	DIETHYL PHTHALATE	µg/kg	420 U	370 U	420 U	400 U
SVOC	DIMETHYL PHTHALATE	µg/kg	420 U	370 U	420 U	400 U
SVOC	DIPHENYLAMINE	µg/Kg	420 U	370 U	420 U	400 U
SVOC	ETHYL METHANESULFONATE	µg/Kg	420 U	370 U	420 U	400 U
SVOC	FLUORANTHENE	µg/kg	420 UJ	370 UJ	**51.0** J	**40.0** J
SVOC	FLUORENE	µg/kg	420 U	370 U	420 U	400 U
SVOC	HEXACHLOROBENZENE	µg/kg	420 U	370 U	420 U	400 U
SVOC	HEXACHLOROBUTADIENE	µg/kg	420 U	370 U	420 U	400 U
SVOC	HEXACHLOROCYCLOPENTADIENE	µg/kg	420 U	370 U	420 U	400 U
SVOC	HEXACHLOROETHANE	µg/kg	420 U	370 U	420 U	400 U
SVOC	HEXACHLOROPHENE	µg/Kg	830 UJ	750 UJ	840 UJ	800 UJ
SVOC	HEXACHLOROPROPENE	µg/Kg	420 U	370 U	420 U	400 U
SVOC	INDENO(1,2,3-C,D)PYRENE	µg/kg	**37.0** J	370 U	420 UJ	400 U
SVOC	ISODRIN	µg/Kg	420 U	370 U	420 U	400 U
SVOC	ISOPHORONE	µg/kg	420 U	370 U	420 U	400 U
SVOC	ISOSAFROLE	µg/Kg	420 U	370 U	420 U	400 U
SVOC	METHAPYRILENE	µg/Kg	420 U	370 U	420 U	400 U
SVOC	METHYL METHANESULFONATE	µg/Kg	420 U	370 U	420 U	400 U
SVOC	N-NITROSO-DI-N-BUTYLAMINE	µg/Kg	420 U	370 U	420 U	400 U
SVOC	N-NITROSODI-N-PROPYLAMINE	µg/kg	420 U	370 U	420 U	400 U
SVOC	N-NITROSODIETHYLAMINE	µg/Kg	420 U	370 U	420 U	400 U
SVOC	N-NITROSODIMETHYLAMINE	µg/Kg	420 UJ	370 UJ	420 U	400 UJ

J = Estimated value
U = Undetected
UJ = Undetected; Estimated detection limit
Bold = analyte detected

Table 2
Potential Constituents of Concern (PCOI) Soil Analytical Results
Dow Midland Representative Soils Project

			9672-1	9672-2	9712-1	9712-2
			MidBlind_9672-1	MidBlind_9672-2	MidBlind_9712-1	MidBlind_9712-2
			10/30/2006	10/30/2006	11/13/2006	11/13/2006
		Sam	0-1	1-6	0-1	1-6
			Soil	Soil	Soil	Soil
Group	**Analyte**	**Units**				
SVOC	N-NITROSODIPHENYLAMINE	µg/kg	420 U	370 U	420 U	400 U
SVOC	N-NITROSOMETHYLETHYLAMINE	µg/Kg	420 U	370 U	420 U	400 U
SVOC	N-NITROSOMORPHOLINE	µg/Kg	420 U	370 U	420 U	400 U
SVOC	N-NITROSOPIPERIDINE	µg/Kg	420 U	370 U	420 U	400 U
SVOC	N-NITROSOPYRROLIDINE	µg/Kg	420 U	370 U	420 U	400 U
SVOC	NAPHTHALENE	µg/kg	**210** J	370 U	420 U	400 U
SVOC	NITROBENZENE	µg/kg	420 U	370 U	420 U	400 U
SVOC	O-TOLUIDINE	µg/Kg	420 U	370 U	420 U	400 U
SVOC	P-DIMETHYLAMINOAZOBENZENE	µg/Kg	420 U	370 U	420 U	400 U
SVOC	P-PHENYLENEDIAMINE	µg/Kg	420 U	370 U	420 UJ	400 UJ
SVOC	PENTACHLOROBENZENE	µg/kg	420 U	370 U	420 U	400 U
SVOC	PENTACHLORONITROBENZENE	µg/kg	420 U	370 U	420 U	400 U
SVOC	PENTACHLOROPHENOL	µg/kg	1,000 UJ	910 UJ	1,000 U	970 UJ
SVOC	PHENACETIN	µg/Kg	420 U	370 U	420 U	400 U
SVOC	PHENANTHRENE	µg/kg	**110** J	**9.7** J	**40.0** J	**36.0** J
SVOC	PHENOL	µg/kg	420 UJ	370 UJ	420 U	400 U
SVOC	PRONAMIDE	µg/Kg	420 U	370 U	420 U	400 U
SVOC	PYRENE	µg/kg	**35.0** J	370 U	**88.0** J	**62.0** J
SVOC	PYRIDINE	µg/kg	420 UJ	370 UJ	420 U	400 U
SVOC	SAFROLE	µg/Kg	420 U	370 U	420 U	400 U
SVOC	SYM-TRINITROBENZENE	µg/Kg	420 U	370 U	420 U	400 U
VOC	1,1,1,2-TETRACHLOROETHANE	µg/kg	69.0 U	47.0 U	66.0 U	49.0 U
VOC	1,1,1-TRICHLOROETHANE	µg/kg	69.0 U	47.0 U	66.0 U	49.0 U
VOC	1,1,2,2-TETRACHLOROETHANE	µg/kg	69.0 U	47.0 U	66.0 U	49.0 U
VOC	1,1,2-TRICHLOROETHANE	µg/kg	69.0 U	47.0 U	66.0 U	49.0 U
VOC	1,1-DICHLOROETHANE	µg/kg	69.0 U	47.0 U	66.0 U	49.0 U
VOC	1,1-DICHLOROETHENE	µg/kg	69.0 U	47.0 U	66.0 U	49.0 U
VOC	1,2,3-TRICHLOROPROPANE	µg/kg	69.0 U	47.0 U	66.0 U	49.0 U
VOC	1,2-DIBROMOETHANE (EDB)	µg/kg	69.0 U	47.0 U	66.0 U	49.0 U
VOC	1,2-DICHLOROBENZENE	µg/kg	420 U	370 U	420 U	400 U
VOC	1,2-DICHLOROETHANE	µg/kg	69.0 U	47.0 U	66.0 U	49.0 U
VOC	1,2-DICHLOROPROPANE	µg/kg	69.0 UJ	47.0 UJ	66.0 U	49.0 U
VOC	1,3-DICHLOROBENZENE	µg/kg	420 U	370 U	420 U	400 U
VOC	1,4-DICHLOROBENZENE	µg/kg	420 UJ	370 UJ	420 U	400 U
VOC	2-HEXANONE	µg/kg	69.0 U	47.0 U	66.0 U	49.0 U
VOC	ACETONE	µg/kg	260 UJ	110 UJ	1,300 UJ	980 UJ
VOC	ACETONITRILE	µg/kg	1,400 UJ	950 UJ	1,300 UJ	980 UJ
VOC	ACROLEIN	µg/kg	690 UJ	470 UJ	660 UJ	490 U
VOC	ACRYLONITRILE	µg/kg	690 U	470 U	**560** J	490 U
VOC	ALLYL CHLORIDE (3-CHLOROPROPENE)	µg/Kg	140 U	95.0 U	130 U	98.0 U
VOC	BENZENE	µg/kg	**67.0** J	47.0 U	66.0 U	49.0 U
VOC	BROMODICHLOROMETHANE	µg/kg	69.0 U	47.0 U	66.0 U	49.0 U
VOC	BROMOFORM	µg/kg	69.0 U	47.0 U	66.0 U	49.0 U
VOC	BROMOMETHANE	µg/kg	140 U	95.0 U	130 U	98.0 U
VOC	CARBON DISULFIDE	µg/kg	69.0 U	47.0 U	66.0 U	49.0 U
VOC	CARBON TETRACHLORIDE	µg/kg	69.0 U	47.0 U	66.0 U	49.0 U
VOC	CHLOROBENZENE	µg/kg	69.0 U	47.0 U	66.0 U	49.0 U
VOC	CHLOROETHANE	µg/kg	69.0 U	47.0 U	66.0 UJ	49.0 UJ
VOC	CHLOROFORM	µg/kg	69.0 U	47.0 U	66.0 U	49.0 U
VOC	CHLOROMETHANE	µg/kg	69.0 UJ	47.0 UJ	66.0 U	49.0 U
VOC	CHLOROPRENE (2-CHLORO-1,3-BUTADIENE)	µg/Kg	690 U	470 U	660 U	490 U
VOC	CIS-1,3-DICHLOROPROPENE	µg/Kg	69.0 U	47.0 U	66.0 U	49.0 U
VOC	DIBROMOCHLOROMETHANE	µg/kg	69.0 U	47.0 U	66.0 U	49.0 U
VOC	DIBROMOMETHANE	µg/kg	69.0 U	47.0 U	66.0 U	49.0 U
VOC	DICHLORODIFLUOROMETHANE	µg/kg	69.0 U	47.0 U	66.0 U	49.0 UJ
VOC	ETHYL BENZENE	µg/kg	**230** J	47.0 UJ	66.0 U	49.0 U
VOC	ETHYL METHACRYLATE	µg/Kg	140 U	95.0 U	130 U	98.0 U
VOC	ISOBUTANOL	µg/kg	6,900 UJ	4,700 UJ	6,600 UJ	4,900 UJ
VOC	METHYL ETHYL KETONE (2-BUTANONE)	µg/kg	340 U	240 U	330 U	250 U
VOC	METHYL IODIDE (IODOMETHANE)	µg/Kg	69.0 UJ	47.0 UJ	66.0 U	49.0 U
VOC	METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	µg/kg	140 U	95.0 U	130 U	98.0 U
VOC	METHYL METHACRYLATE	µg/Kg	140 U	95.0 U	130 U	98.0 U
VOC	METHYLACRYLONITRILE	µg/Kg	340 U	240 U	330 U	250 UJ
VOC	METHYLENE CHLORIDE	µg/kg	340 U	240 U	330 U	250 U
VOC	PENTOCHLORETHANE	µg/Kg	420 U	370 U	420 U	400 U
VOC	PROPIONITRILE, ETHYL CYANIDE	µg/Kg	1,400 UJ	950 UJ	1,300 UJ	980 UJ
VOC	STYRENE	µg/kg	69.0 U	47.0 U	66.0 U	49.0 U
VOC	TETRACHLOROETHENE (PCE)	µg/kg	69.0 U	47.0 U	66.0 U	49.0 U
VOC	TOLUENE	µg/kg	**510**	**68.0**	**4,400**	**1,300**
VOC	TRANS-1,2-DICHLOROETHENE	µg/kg	69.0 U	47.0 U	66.0 U	49.0 U
VOC	TRANS-1,3-DICHLOROPROPENE	µg/Kg	69.0 U	47.0 U	66.0 U	49.0 U
VOC	TRANS-1,4-DICHLORO-2-BUTENE	µg/Kg	69.0 U	47.0 U	66.0 U	49.0 U
VOC	TRICHLOROETHENE (TCE)	µg/kg	69.0 U	47.0 U	66.0 U	49.0 U
VOC	TRICHLOROFLUOROMETHANE	µg/kg	69.0 U	47.0 U	66.0 U	49.0 U
VOC	VINYL ACETATE	µg/kg	69.0 U	47.0 U	66.0 U	49.0 U
VOC	VINYL CHLORIDE	µg/kg	69.0 U	47.0 U	66.0 U	49.0 U
VOC	XYLENES, TOTAL	µg/kg	**1,500**	**260**	200 U	**32.0** J

J = Estimated value
U = Undetected
UJ = Undetected; Estimated detection limit
Bold = analyte detected

Table 3, part 1 of 4
Soil Parameter Analytical Results
Dow Midland Representative Soils Project

			Sample ID	A-02-1-1		A-02-2-1		A-03-2-1		A-03-6-1		A-03-8-1		A-04-2-1		A-04-6-1		A-04-7-1		A-04-9-1	
			Location ID	A-02-14-21-20-186-1		A-02-14-21-20-305-2		A-03-14-21-10-350-2		A-03-14-21-10-404-6		A-03-14-21-10-408-8		A-04-14-16-40-506-2		A-04-14-16-40-604-6		A-04-14-16-40-606-7		A-04-14-16-40-610-9	
			Sample Date	10/31/2006		10/31/2006		11/7/2006		11/7/2006		11/7/2006		11/3/2006		11/3/2006		11/3/2006		11/3/2006	
			Sample Depth (in)	0-1		0-1		0-1		0-1		0-1		0-1		0-1		0-1		0-1	
			Sample Type	Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil	
Group	**Analyte**	**Units**	**Method**																		
BC	Black Carbon %C	%	COMB-EC	1.18		1.23		0.92		1.22		0.3		0.27		0.93		0.64		1.58	
BC	Black Carbon %H	%	COMB-EC	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
BC	Black Carbon %N	%	COMB-EC	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
TOC	Total Organic Carbon %C	%	COMB-EC	3.85		3.96		3.63		4.17		2.29		3.26		4.82		3.05		4.8	
TOC	Total Organic Carbon %H	%	COMB-EC	0.28		0.28		0.34		0.34		0.19		0.36		0.42		0.4		0.39	
TOC	Total Organic Carbon %N	%	COMB-EC	0.21		0.21		0.26		0.26		0.15		0.25		0.31		0.18		0.29	
SSA	SPECIFIC SURFACE AREA	m^2/g	BET	0.8		0.62		1.51		2.96		0.64		0.71		0.54		1.52		1.21	
PS	PERCENT MOISTURE (MASS H2O/MASS TOTAL)	%	D2216	18		20		23		17		12		21		20		21		23	
PS	PERCENT SAND	%	D422	90		88		76		74		88		90		88		84		86	
PS	PERCENT SILT	%	D422	8		8		18		14		8		8		12		12		14	
PS	PERCENT CLAY	%	D422	2		4		6		12		4		2		0		4		0	
PS	Retained on 250	%	D422	34.5		39		15.8		18.2		26		25.3		40.5		25.1		28.8	
PS	Soil Classification	--	--	Sand		Sand		Loamy Sand		Sandy Loam		Sand		Sand		Sand		Loamy Sand		Sand	

BC = Black Carbon
TOC = Total Organic Carbon
SSA = Specific Surface Area
PS = Particle Size
U = Undetected

Table 3, part 1 of 4
Soil Parameter Analytical Results
Dow Midland Representative Soils Project

			A-05-1-1		A-05-5-1		A-05-6-1		A-05-7-1		A-06-1-1		A-06-5-1		A-06-7-1		A-07-2-1		A-07-5-1		A-07-6
			A-05-14-16-30-148-1		A-05-14-16-30-156-5		A-05-14-16-30-158-6		A-05-14-16-30-160-7		A-06-14-16-30-022-1		A-06-14-16-30-030-5		A-06-14-16-30-034-7		A-07-14-16-70-126-2		A-07-14-16-70-134-5		A-07-14-16-7
			11/1/2006		11/1/2006		11/1/2006		11/1/2006		10/24/2006		10/24/2006		10/24/2006		10/24/2006		10/24/2006		10/24/2
		Sam	0-1		0-1		0-1		0-1		0-1		0-1		0-1		0-1		0-1		0-1
			Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil
Group	**Analyte**	**Units**																			
BC	Black Carbon %C	%	0.64		1.18		1.07		0.4		0.26		0.12		0.1	U	0.87		0.42		0.42
BC	Black Carbon %H	%	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.24		0.1	U	0.1
BC	Black Carbon %N	%	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1
TOC	Total Organic Carbon %C	%	2.41		5.53		4.14		2.92		6.6		2.67		1.23		2.88		5.06		3.31
TOC	Total Organic Carbon %H	%	0.24		0.48		0.52		0.33		0.74		0.4		0.27		0.74		0.64		0.61
TOC	Total Organic Carbon %N	%	0.14		0.32		0.29		0.21		0.41		0.22		0.1	U	0.28		0.35		0.27
SSA	SPECIFIC SURFACE AREA	m^2/g	0.8		0.74		0.45		0.78		1		0.95		2.7		1.73		1.25		3.1
PS	PERCENT MOISTURE (MASS H2O/MASS TOTAL)	%	12		24		19		21		27		30		25		78		66		32
PS	PERCENT SAND	%	90		84		86		88		88		84		78		72		80		64
PS	PERCENT SILT	%	8		16		12		8		10		14		14		18		16		26
PS	PERCENT CLAY	%	2		0		2		4		2		2		8		10		4		10
PS	Retained on 250	%	40.2		30.9		40.2		38.3		39.5		35.7		42.3		24.8		18.8		12.1
PS	Soil Classification	--	Sand		Loamy Sand		Sand		Sand		Sand		Loamy Sand		Loamy Sand		Sandy Loam		Loamy Sand		Sandy L

BC = Black Carbon
TOC = Total Organic Carbon
SSA = Specific Surface Area
PS = Particle Size
U = Undetected

Table 3, part 1 of 4
Soil Parameter Analytical Results
Dow Midland Representative Soils Project

		ɔ-1		A-07-10-1		A-07-11-1		A-08-1-1		A-08-2-1		A-08-4-1		A-08-8-1		A-08-11-1		A-08-11-1-D		A-09-2-1	
		'0-136-6		A-07-14-16-70-144-10		A-07-14-16-70-146-11		A-08-14-16-80-152-1		A-08-14-16-80-154-2		A-08-14-16-80-158-4		A-08-14-16-80-174-8		A-08-14-16-80-180-11		A-08-14-16-80-180-11		A-09-14-16-80-380-2	
		006		10/24/2006		10/24/2006		10/24/2006		10/24/2006		10/24/2006		10/24/2006		10/24/2006		10/24/2006		10/26/2006	
		Sam		0-1		0-1		0-1		0-1		0-1		0-1		0-1		0-1		0-1	
				Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil	
Group	**Analyte**	**Units**																			
BC	Black Carbon %C	%		0.24		0.34		0.76		0.41		0.12		0.39		0.39		0.65		0.23	
BC	Black Carbon %H	%		0.1	U	0.1	U	0.12		0.22		0.1	U	0.1	U	0.1		0.14		0.22	
BC	Black Carbon %N	%	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.14	
TOC	Total Organic Carbon %C	%		1.52		1.95		4.36		2.67		2.26		3.09		3.74		3.86		4.23	
TOC	Total Organic Carbon %H	%		0.37		0.61		0.57		0.84		0.33		0.47		0.94		0.79		1	
TOC	Total Organic Carbon %N	%		0.12		0.14		0.42		0.24		0.2		0.27		0.32		0.33		0.35	
SSA	SPECIFIC SURFACE AREA	m^2/g		2.35		4.81		4.06		4.85		3.22		3.39		3.04		3.09		3.63	
PS	PERCENT MOISTURE (MASS H2O/MASS TOTAL)	%		28		30		44		35		43		49		47		33		27	
PS	PERCENT SAND	%		68		72		54		46		48		60		62		62		60	
PS	PERCENT SILT	%		24		12		32		38		44		34		28		26		24	
PS	PERCENT CLAY	%		8		16		14		16		8		6		10		12		16	
PS	Retained on 250	%		34.7		11		6		8.7		3		5.2		8.3		12		18.2	
PS	Soil Classification	--	oam	Sandy Loam		Sandy Loam		Sandy Loam		Loam		Loam		Sandy Loam		Sandy Loam		Sandy Loam		Sandy Loam	

BC = Black Carbon
TOC = Total Organic Carbon
SSA = Specific Surface Area
PS = Particle Size
U = Undetected

Table 3, part 1 of 4
Soil Parameter Analytical Results
Dow Midland Representative Soils Project

			A-09-4-1		A-09-5-1		A-09-6-1		A-10-7-1		A-10-1-1		A-10-2-1		A-11-1-1		A-12-1-1		A-13-2-1		A-13-4
			A-09-14-16-80-386-4		A-09-14-16-80-426-5		A-09-14-16-80-430-6		A-10-14-09-50-098-7		A-10-14-09-50-102-1		A-10-14-09-50-104-2		A-11-14-09-50-300-1		A-12-14-09-50-300-1		A-13-14-09-70-072-2		A-13-14-09-7
			10/26/2006		10/26/2006		10/26/2006		11/8/2006		11/8/2006		11/8/2006		11/3/2006		11/3/2006		11/6/2006		11/6/20
		Sam	0-1		0-1		0-1		0-1		0-1		0-1		0-1		0-1		0-1		0-1
			Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil
Group	**Analyte**	**Units**																			
BC	Black Carbon %C	%	0.42		0.18		0.35		0.59		0.29		0.34		0.1	U	0.26		0.53		0.2
BC	Black Carbon %H	%	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1
BC	Black Carbon %N	%	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1		0.1
TOC	Total Organic Carbon %C	%	4.08		2.23		3.81		5.68		2.78		3.79		5.2		4.48		3.65		2.94
TOC	Total Organic Carbon %H	%	0.48		0.32		0.6		0.6		0.37		0.67		0.56		0.58		0.67		0.74
TOC	Total Organic Carbon %N	%	0.35		0.24		0.33		0.49		0.22		0.34		0.27		0.38		0.34		0.26
SSA	SPECIFIC SURFACE AREA	m^2/g	1.13		1.79		1.64		1.48		1.71		4.8		0.88		2.2		2.26		2.58
PS	PERCENT MOISTURE (MASS H2O/MASS TOTAL)	%	25		32		31		27		17		19		29		69		28		18
PS	PERCENT SAND	%	50		78		72		80		70		64		88		76		64		66
PS	PERCENT SILT	%	32		14		22		14		20		18		10		16		26		22
PS	PERCENT CLAY	%	18		8		6		6		10		18		2		8		10		12
PS	Retained on 250	%	6.3		17.8		9.1		5.4		6.4		4.6		7.5		15.7		5		18.1
PS	Soil Classification	--	Loam		Loamy Sand		Sandy Loam		Loamy Sand		Sandy Loam		Sandy Loam		Sand		Sandy Loam		Sandy Loam		Sandy L

BC = Black Carbon
TOC = Total Organic Carbon
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PS = Particle Size
U = Undetected

Table 3, part 1 of 4
Soil Parameter Analytical Results
Dow Midland Representative Soils Project

			I-1	A-13-8-1	A-13-9-1	A-13-11-1	B-01-1-1	B-01-1-1-D	B-03-1-1	B-03-4-1	B-03-6-1	B-03-8-1
			'0-076-4	A-13-14-09-70-084-8	A-13-14-09-70-086-9	A-13-14-09-70-090-11	B-01-14-21-20-004-1	B-01-14-21-20-004-1	B-03-14-21-10-040-1	B-03-14-21-10-046-4	B-03-14-21-10-050-6	B-03-14-21-10-054-8
			)06	11/6/2006	11/6/2006	11/6/2006	11/14/2006	11/14/2006	11/10/2006	11/10/2006	11/10/2006	11/10/2006
		Sam		0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1
				Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Group	**Analyte**	**Units**										
BC	Black Carbon %C	%		0.2	0.47	0.24	0.48	0.44	1.14	0.56	0.3	0.16
BC	Black Carbon %H	%	U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
BC	Black Carbon %N	%	U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
TOC	Total Organic Carbon %C	%		2.57	3.28	3.89	2.63	2.14	3.24	3.17	2.71	1.89
TOC	Total Organic Carbon %H	%		0.42	0.53	0.53	0.48	0.33	0.36	0.3	0.29	0.22
TOC	Total Organic Carbon %N	%		0.22	0.31	0.36	0.17	0.14	0.2	0.24	0.15	0.13
SSA	SPECIFIC SURFACE AREA	m^2/g		2.32	3.36	2.4	0.73	0.72	1.11	0.93	2.16	0.7
PS	PERCENT MOISTURE (MASS H2O/MASS TOTAL)	%		26	33	28	17	18	16	15	17	15
PS	PERCENT SAND	%		66	54	62	84	80	84	86	78	88
PS	PERCENT SILT	%		24	32	28	14	14	12	10	12	10
PS	PERCENT CLAY	%		10	14	10	2	6	4	4	10	2
PS	Retained on 250	%		21.6	5.2	2.7	41.2	45.9	35.3	32.1	27.4	19.6
PS	Soil Classification		-- oam	Sandy Loam	Sandy Loam	Sandy Loam	Loamy Sand	Loamy Sand	Loamy Sand	Loamy Sand	Sandy Loam	Sand

BC = Black Carbon
TOC = Total Organic Carbon
SSA = Specific Surface Area
PS = Particle Size
U = Undetected

Table 3, part 1 of 4
Soil Parameter Analytical Results
Dow Midland Representative Soils Project

			B-03-8-1-D		B-03-10-1		B-04-1-1		B-04-3-1		B-04-5-1		B-04-6-1		B-04-10-1		B-04-10-1-D		B-05-2-1		B-05-3
			B-03-14-21-10-054-8		B-03-14-21-10-278-10		B-04-14-16-40-126-1		B-04-14-16-40-130-3		B-04-14-16-40-134-5		B-04-14-16-40-144-6		B-04-14-16-40-152-10		B-04-14-16-40-152-10		B-05-14-16-30-512-2		B-05-14-16-4
			11/10/2006		11/10/2006		11/10/2006		11/10/2006		11/10/2006		11/10/2006		11/10/2006		11/10/2006		11/3/2006		11/3/20
		Sam	0-1		0-1		0-1		0-1		0-1		0-1		0-1		0-1		0-1		0-1
			Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil
Group	**Analyte**	**Units**																			
BC	Black Carbon %C	%	0.43		1.61		0.81		1.35		1.04		1.1		0.98		1.01		0.54		1.04
BC	Black Carbon %H	%	0.1	U	0.1	U	0.1		0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1
BC	Black Carbon %N	%	0.1	U	0.1	U	0.14		0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1
TOC	Total Organic Carbon %C	%	1.84		4.25		0.79		4.76		3.53		3.48		4.33		4.18		3.47		3.27
TOC	Total Organic Carbon %H	%	0.21		0.23		0.1	U	0.39		0.4		0.18		0.49		0.46		0.35		0.45
TOC	Total Organic Carbon %N	%	0.13		0.18		0.1	U	0.26		0.25		0.19		0.32		0.31		0.24		0.21
SSA	SPECIFIC SURFACE AREA	m^2/g	0.65		0.85		0.6		0.8		1.47		0.82		1.93		1.96		0.82		0.84
PS	PERCENT MOISTURE (MASS H2O/MASS TOTAL)	%	13		18		8		22		21		20		24		25		25		22
PS	PERCENT SAND	%	88		84		90		80		70		84		74		66		78		80
PS	PERCENT SILT	%	10		14		6		16		22		12		18		26		18		16
PS	PERCENT CLAY	%	2		2		4		4		8		4		8		8		4		4
PS	Retained on 250	%	18.5		22.2		48		24.1		22.6		36.4		21.3		23.8		22		27
PS	Soil Classification	--	Sand		Loamy Sand		Sand		Loamy Sand		Sandy Loam		Loamy Sand		Sandy Loam		Sandy Loam		Loamy Sand		Loamy S

BC = Black Carbon
TOC = Total Organic Carbon
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U = Undetected

Table 3, part 1 of 4
Soil Parameter Analytical Results
Dow Midland Representative Soils Project

			3-1	B-05-3-1-D		B-05-5-1		B-05-7-1		B-05-8-1		B-06-1-1		B-06-2-1		B-07-1-1		B-07-5-1		B-07-5-1-D	
			0-238-3	B-05-14-16-40-238-3		B-05-14-16-40-248-5		B-05-14-16-40-284-7		B-05-14-16-40-328-8		B-06-14-16-20-584-1		B-06-14-16-30-200-2		B-07-14-16-20-400-1		B-07-14-16-20-410-5		B-07-14-16-20-410-5	
			006	11/3/2006		11/3/2006		11/3/2006		11/3/2006		11/10/2006		11/10/2006		11/3/2006		11/3/2006		11/3/2006	
		Sam		0-1		0-1		0-1		0-1		0-1		0-1		0-1		0-1		0-1	
				Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil	
Group	**Analyte**	**Units**																			
BC	Black Carbon %C	%		1.2		1.07		1.11		0.78		0.4		0.59		0.57		0.49		0.64	
BC	Black Carbon %H	%	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
BC	Black Carbon %N	%	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
TOC	Total Organic Carbon %C	%		3.29		4.23		8.69		4.55		3.25		3.96		3.1		3.69		3.22	
TOC	Total Organic Carbon %H	%		0.47		0.62		0.78		0.55		0.37		0.44		0.55		0.53		0.45	
TOC	Total Organic Carbon %N	%		0.2		0.33		0.52		0.34		0.25		0.27		0.26		0.28		0.26	
SSA	SPECIFIC SURFACE AREA	m^2/g		0.79		2.98		1.22		0.96		0.78		0.8		1.6		1.29		1.42	
PS	PERCENT MOISTURE (MASS H2O/MASS TOTAL)	%		7		29		32		20		20		13		28		23		23	
PS	PERCENT SAND	%		82		70		80		78		78		80		74		84		80	
PS	PERCENT SILT	%		16		24		16		20		18		14		20		16		16	
PS	PERCENT CLAY	%		2		6		4		2		4		6		6		0		4	
PS	Retained on 250	%		27.5		10.6		27.2		31.5		29.5		27.8		13.5		7.9		6.1	
PS	Soil Classification		Sand	Loamy Sand		Sandy Loam		Loamy Sand		Loamy Sand		Loamy Sand		Loamy Sand		Sandy Loam		Loamy Sand		Loamy Sand	

BC = Black Carbon
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Table 3, part 1 of 4
Soil Parameter Analytical Results
Dow Midland Representative Soils Project

			B-07-6-1		B-08-2-1		B-08-5-1	B-08-7-1		B-09-1-1		B-09-2-1		B-09-6-1		B-09-7-1		B-09-8-1		B-09-8-
			B-07-14-16-20-412-6		B-08-14-16-10-176-2		B-08-14-16-10-182-5	B-08-14-16-10-194-7		B-09-14-16-10-118-1		B-09-14-16-10-126-2		B-09-14-16-10-378-6		B-09-14-16-10-380-7		B-09-14-16-10-382-8		B-09-14-16-1
			11/3/2006		11/10/2006		11/10/2006	11/10/2006		11/2/2006		11/2/2006		11/2/2006		11/2/2006		11/2/2006		11/2/2(
		Sam	0-1		0-1		0-1	0-1		0-1		0-1		0-1		0-1		0-1		0-1
			Soil		Soil		Soil	Soil		Soil		Soil		Soil		Soil		Soil		Soil
Group	**Analyte**	**Units**																		
BC	Black Carbon %C	%	0.39		0.55		0.65	0.52		1.24		0.41		0.46		0.42		0.38		0.33
BC	Black Carbon %H	%	0.1	U	0.1	U	0.11	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1
BC	Black Carbon %N	%	0.1	U	0.1	U	0.11	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1
TOC	Total Organic Carbon %C	%	3.08		3.56		4.94	2.51		10.04		2.33		4.58		4.13		2.69		2.95
TOC	Total Organic Carbon %H	%	0.49		0.65		0.92	0.3		1.21		0.42		0.66		0.59		0.47		0.47
TOC	Total Organic Carbon %N	%	0.25		0.33		0.48	0.2		0.88		0.2		0.42		0.36		0.23		0.25
SSA	SPECIFIC SURFACE AREA	m^2/g	1.27		2.46		5.07	2.08		1.92		1.89		2.85		2.38		1.42		1.62
PS	PERCENT MOISTURE (MASS H2O/MASS TOTAL)	%	26		20		28	16		90		22		37		35		24		24
PS	PERCENT SAND	%	76		66		40	70		70		74		58		66		62		66
PS	PERCENT SILT	%	22		24		46	24		24		20		32		30		32		30
PS	PERCENT CLAY	%	2		10		14	6		6		6		10		4		6		4
PS	Retained on 250	%	3.4		15.9		3.2	2.2		24.4		17.6		7.6		3.4		3.3		2.8
PS	Soil Classification	--	Loamy Sand		Sandy Loam		Loam	Sandy Loam		Sandy Loam		Sandy Loam		Sandy Loam		Sandy Loam		Sandy Loam		Sandy L

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Table 3, part 1 of 4
Soil Parameter Analytical Results
Dow Midland Representative Soils Project

		1-D		B-10-1-1		B-11-1-1		C-01-1-1		C-01-2-1		C-01-3-1		C-03-1-1		C-03-2-1		C-03-9-1		C-03-11-1	
		0-382-8		B-10-14-09-40-002-1		B-11-14-09-50-300-1		C-01-14-22-70-102-1		C-01-14-22-70-104-2		C-01-14-22-70-106-3		C-03-14-22-80-240-1		C-03-14-22-80-246-2		C-03-14-22-80-262-9		C-03-14-22-80-276-11	
		)06		11/17/2006		11/3/2006		10/31/2006		10/31/2006		10/31/2006		11/6/2006		11/6/2006		11/6/2006		11/6/2006	
		Sam		0-1		0-1		0-1		0-1		0-1		0-1		0-1		0-1		0-1	
				Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil	
Group	**Analyte**	**Units**																			
BC	Black Carbon %C	%		0.82		0.32		0.89		1.19		0.33		1.65		0.92		1.13		0.63	
BC	Black Carbon %H	%	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
BC	Black Carbon %N	%	U	0.1	U	0.1	U	0.1	U	0.1		0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
TOC	Total Organic Carbon %C	%		6.35		3.3		2.85		2.38		2.01		4.85		3.44		3.77		2.21	
TOC	Total Organic Carbon %H	%		0.71		0.5		0.48		0.36		0.48		0.32		0.24		0.39		0.35	
TOC	Total Organic Carbon %N	%		0.47		0.29		0.18		0.15		0.16		0.29		0.21		0.25		0.14	
SSA	SPECIFIC SURFACE AREA	m^2/g		1.89		2.29		2.93		0.94		1.74		0.76		0.81		0.98		1.07	
PS	PERCENT MOISTURE (MASS H2O/MASS TOTAL)	%		21		40		19		14		6		19		17		23		14	
PS	PERCENT SAND	%		74		64		72		88		78		88		90		80		88	
PS	PERCENT SILT	%		20		28		18		8		12		10		8		16		8	
PS	PERCENT CLAY	%		6		8		10		4		10		2		2		4		4	
PS	Retained on 250	%		2.4		4.1		34.4		49.1		32.9		28.6		40		21.5		40.4	
PS	Soil Classification	--	oam	Sandy Loam		Sandy Loam		Sandy Loam		Sand		Sandy Loam		Sand		Sand		Loamy Sand		Sand	

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Table 3, part 1 of 4
Soil Parameter Analytical Results
Dow Midland Representative Soils Project

			C-03-12-1		C-03-12-1-D		C-04-1-1		C-04-3-1		C-04-5-1		C-04-6-1		C-04-6-1-D		C-04-10-1		C-05-2-1		C-05-3
			C-03-14-22-80-278-12		C-03-14-22-80-278-12		C-04-14-15-50-730-1		C-04-14-15-50-734-3		C-04-14-15-50-738-5		C-04-14-15-50-754-6		C-04-14-15-50-754-6		C-04-14-15-50-762-10		C-05-14-15-50-404-2		C-05-14-15-5
			11/6/2006		11/6/2006		11/7/2006		11/7/2006		11/7/2006		11/7/2006		11/7/2006		11/7/2006		11/8/2006		11/8/20
		Sam	0-1		0-1		0-1		0-1		0-1		0-1		0-1		0-1		0-1		0-1
			Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil
Group	**Analyte**	**Units**																			
BC	Black Carbon %C	%	0.15		0.16		0.89		1.23		1.19		0.91		0.72		0.96		1.93		0.86
BC	Black Carbon %H	%	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.13		0.1	U	0.1
BC	Black Carbon %N	%	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.11		0.1
TOC	Total Organic Carbon %C	%	1.98		1.98		3.61		4.48		3.98		4.05		3.87		3.16		4.06		4.19
TOC	Total Organic Carbon %H	%	0.24		0.17		0.26		0.39		0.38		0.36		0.44		0.55		0.42		0.58
TOC	Total Organic Carbon %N	%	0.13		0.12		0.22		0.3		0.24		0.27		0.27		0.27		0.23		0.29
SSA	SPECIFIC SURFACE AREA	m^2/g	0.92		0.86		0.86		0.87		0.66		1.17		1.18		2.27		1.28		2.65
PS	PERCENT MOISTURE (MASS H2O/MASS TOTAL)	%	11		11		20		19		20		23		17		32		23		22
PS	PERCENT SAND	%	90		92		84		86		84		80		78		70		86		74
PS	PERCENT SILT	%	4		4		14		14		14		16		18		22		10		14
PS	PERCENT CLAY	%	6		4		2		0		2		4		4		8		4		12
PS	Retained on 250	%	47.1		43.5		31.2		23.3		28.2		23		20.5		19.1		22.1		20.3
PS	Soil Classification	--	Sand		Sand		Loamy Sand		Sand		Loamy Sand		Loamy Sand		Loamy Sand		Sandy Loam		Loamy Sand		Sandy L

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Table 3, part 1 of 4
Soil Parameter Analytical Results
Dow Midland Representative Soils Project

			3-1	C-05-5-1	C-05-6-1	C-05-8-1	C-06-2-1	C-06-5-1	C-06-8-1	C-06-9-1	C-07-1-1	C-07-4-1
			i0-406-3	C-05-14-15-50-410-5	C-05-14-15-50-412-6	C-05-14-15-60-484-8	C-06-14-15-60-442-2	C-06-14-15-60-448-5	C-06-14-15-60-454-8	C-06-14-15-60-456-9	C-07-14-15-70-314-1	C-07-14-15-70-320-4
			006	11/8/2006	11/8/2006	11/8/2006	11/8/2006	11/8/2006	11/8/2006	11/8/2006	11/8/2006	11/8/2006
		Sam		0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1
				Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Group	**Analyte**	**Units**										
BC	Black Carbon %C	%		0.81	0.56	0.1 U	0.93	0.49	0.6	0.88	0.29	0.89
BC	Black Carbon %H	%		0.32	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.13	0.13
BC	Black Carbon %N	%	U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.16
TOC	Total Organic Carbon %C	%		2.94	3.55	2.95	3.67	2.64	3.53	3.67	2.32	2.81
TOC	Total Organic Carbon %H	%		0.59	0.42	0.21	0.58	0.62	0.37	0.42	0.38	0.66
TOC	Total Organic Carbon %N	%		0.23	0.25	0.2	0.28	0.22	0.26	0.25	0.19	0.25
SSA	SPECIFIC SURFACE AREA	m^2/g		3.37	0.55	1.26	1.38	1.86	0.92	1.45	2.83	1.8
PS	PERCENT MOISTURE (MASS H2O/MASS TOTAL)	%		24	18	20	20	20	20	45	25	23
PS	PERCENT SAND	%		48	90	74	76	64	78	68	66	72
PS	PERCENT SILT	%		36	8	22	16	22	18	26	24	22
PS	PERCENT CLAY	%		16	2	4	8	14	4	6	10	6
PS	Retained on 250	%		13.6	21.3	35.4	20.3	23.1	8.7	8.4	7.9	11.8
PS	Soil Classification	--	oam	Loam	Sand	Loamy Sand	Sandy Loam	Sandy Loam	Loamy Sand	Sandy Loam	Sandy Loam	Sandy Loam

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Table 3, part 1 of 4
Soil Parameter Analytical Results
Dow Midland Representative Soils Project

			C-07-9-1		C-07-9-1-D		C-07-10-1		C-08-1-1		C-10-3-1		C-10-9-1		C-10-10-1		C-10-12-1		C-10-13-1		C-10-13
			C-07-14-15-70-332-9		C-07-14-15-70-332-9		C-07-14-15-70-334-10		C-08-14-15-70-440-1		C-10-14-10-50-518-3		C-10-14-10-50-538-9		C-10-14-10-50-540-10		C-10-14-10-50-546-12		C-10-14-10-50-550-13		C-10-14-10-5
			11/8/2006		11/8/2006		11/8/2006		11/3/2006		11/6/2006		11/6/2006		11/6/2006		11/6/2006		11/6/2006		11/6/20
		Sam	0-1		0-1		0-1		0-1		0-1		0-1		0-1		0-1		0-1		0-1
			Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil
Group	**Analyte**	**Units**																			
BC	Black Carbon %C	%	1.27		1.66		0.34		0.46		0.76		0.23		0.42		0.22		0.32		0.22
BC	Black Carbon %H	%	0.1	U	0.11		0.1	U	0.1	U	0.12		0.1	U	0.1	U	0.1	U	0.1	U	0.1
BC	Black Carbon %N	%	0.1	U	0.16		0.1	U	0.1	U	0.1		0.1	U	0.1	U	0.1	U	0.1	U	0.1
TOC	Total Organic Carbon %C	%	7.83		8.14		3.28		3.57		3.86		2.08		2.71		3.07		3.03		2.8
TOC	Total Organic Carbon %H	%	0.89		0.99		0.69		0.63		0.7		0.3		0.79		0.39		0.39		0.42
TOC	Total Organic Carbon %N	%	0.64		0.65		0.31		0.29		0.31		0.17		0.24		0.22		0.2		0.18
SSA	SPECIFIC SURFACE AREA	m^2/g	2.31		2.38		4.28		4.95		3.34		1.71		3.45		1.6		1.78		1.48
PS	PERCENT MOISTURE (MASS H2O/MASS TOTAL)	%	28		30		23		29		20		23		24		20		22		24
PS	PERCENT SAND	%	70		74		52		60		76		74		74		80		82		84
PS	PERCENT SILT	%	22		20		32		28		12		16		10		12		12		12
PS	PERCENT CLAY	%	8		6		16		12		12		10		16		8		6		4
PS	Retained on 250	%	15.1		14.8		4.1		11.7		6.2		21.9		6.8		8.7		8.2		7.9
PS	Soil Classification	--	Sandy Loam		Sandy Loam		Loam		Sandy Loam		Sandy Loam		Sandy Loam		Sandy Loam		Loamy Sand		Loamy Sand		Loamy S

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Table 3, part 1 of 4
Soil Parameter Analytical Results
Dow Midland Representative Soils Project

		-1-D		C-11-1-1		C-11-7-1	C-11-7-1-D		C-11-8-1		C-13-1-1	
		0-550-13		C-11-14-10-60-008-1		C-11-14-10-60-088-7	C-11-14-10-60-088-7		C-11-14-10-60-092-8		C-13-14-10-70-014-1	
		)06		11/7/2006		11/7/2006	11/7/2006		11/7/2006		11/17/2006	
		Sam		0-1		0-1	0-1		0-1		0-1	
				Soil		Soil	Soil		Soil		Soil	
Group	**Analyte**	**Units**										
BC	Black Carbon %C	%		0.32		1.05	0.26		0.95		0.44	
BC	Black Carbon %H	%	U	0.1	U	0.1	0.1	U	0.52		0.1	U
BC	Black Carbon %N	%	U	0.1	U	0.11	0.1	U	0.13		0.1	U
TOC	Total Organic Carbon %C	%		2.99		2.43	2.48		3.75		2.88	
TOC	Total Organic Carbon %H	%		0.36		0.43	0.47		0.89		0.47	
TOC	Total Organic Carbon %N	%		0.24		0.21	0.2		0.33		0.25	
SSA	SPECIFIC SURFACE AREA	m^2/g		0.93		2.58	3.47		3.36		3.12	
PS	PERCENT MOISTURE (MASS H2O/MASS TOTAL)	%		24		20	20		26		22	
PS	PERCENT SAND	%		76		78	72		60		72	
PS	PERCENT SILT	%		22		16	12		26		16	
PS	PERCENT CLAY	%		2		6	16		14		12	
PS	Retained on 250	%		5.7		3.6	7.9		3.9		7.4	
PS	Soil Classification	--Sand		Loamy Sand		Loamy Sand	Sandy Loam		Sandy Loam		Sandy Loam	

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Table 3, part 2 of 4
Soil Parameter Analytical Results
Dow Midland Representative Soils Project

			Sample ID	C-13-3-1		D-02-1-1		D-02-2-1		D-02-3-1		D-02-4-1		D-02-9-1		D-03-2-1		D-03-5-1		D-03-6-1	
			Location ID	C-13-14-10-70-020-3		D-02-14-15-50-626-1		D-02-14-15-50-628-2		D-02-14-15-50-630-3		D-02-14-15-50-636-4		D-02-14-15-50-674-9		D-03-14-15-50-530-2		D-03-14-15-50-536-5		D-03-14-15-50-538-6	
			Sample Date	11/17/2006		10/31/2006		10/31/2006		10/31/2006		10/31/2006		10/31/2006		11/15/2006		11/15/2006		11/15/2006	
			Sample Depth (in)	0-1		0-1		0-1		0-1		0-1		0-1		0-1		0-1		0-1	
			Sample Type	Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil	
Group	**Analyte**	**Units**	**Method**																		
BC	Black Carbon %C	%	COMB-EC	0.51		0.26		1.33		0.46		0.56		0.26		0.95		0.86		0.27	
BC	Black Carbon %H	%	COMB-EC	0.1	U	0.1	U	0.1	U	0.1	U	0.41		0.1	U	0.1	U	0.1	U	0.22	
BC	Black Carbon %N	%	COMB-EC	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1		0.1	U	0.1	U
TOC	Total Organic Carbon %C	%	COMB-EC	3.39		2.89		3.15		3.16		4.28		2.77		2.85		4.16		3.54	
TOC	Total Organic Carbon %H	%	COMB-EC	0.65		0.41		0.35		0.42		0.9		0.42		0.38		0.55		0.73	
TOC	Total Organic Carbon %N	%	COMB-EC	0.29		0.27		0.18		0.25		0.29		0.21		0.23		0.3		0.3	
SSA	SPECIFIC SURFACE AREA	m^2/g	BET	2.36		2.04		1.15		1.12		2.5		0.91		1.83		0.92		2.44	
PS	PERCENT MOISTURE (MASS H2O/MASS TOTAL)	%	D2216	24		28		15		23		23		23		21		25		27	
PS	PERCENT SAND	%	D422	64		70		86		76		72		86		76		84		72	
PS	PERCENT SILT	%	D422	26		22		12		18		18		12		20		14		20	
PS	PERCENT CLAY	%	D422	10		8		2		6		10		2		4		2		8	
PS	Retained on 250	%	D422	4.8		19.5		42.5		29		26.8		6.7		16.8		22.6		15.4	
PS	Soil Classification	--	--	Sandy Loam		Sandy Loam		Sand		Loamy Sand		Sandy Loam		Sand		Loamy Sand		Loamy Sand		Sandy Loam	

BC = Black Carbon
TOC = Total Organic Carbon
SSA = Specific Surface Area
PS = Particle Size
U = Undetected

Table 3, part 2 of 4
Soil Parameter Analytical Results
Dow Midland Representative Soils Project

			Sample ID	D-03-11-1		D-04-1-1		D-04-2-1		D-04-8-1		D-04-9-1		D-04-10-1		D-05-4-1		D-05-5-1		D-05-6-1	
			Location ID	D-03-14-15-50-590-11		D-04-14-15-60-142-1		D-04-14-15-60-144-2		D-04-14-15-60-156-8		D-04-14-15-60-158-9		D-04-14-15-60-162-10		D-05-14-15-60-296-4		D-05-14-15-60-298-5		D-05-14-15-60-300-6	
			Sample Date	11/15/2006		11/11/2006		11/11/2006		11/11/2006		11/11/2006		11/11/2006		11/17/2006		11/17/2006		11/17/2006	
			Sample Depth (in)	0-1		0-1		0-1		0-1		0-1		0-1		0-1		0-1		0-1	
			Sample Type	Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil	
Group	**Analyte**	**Units**	**Method**																		
BC	Black Carbon %C	%	COMB-EC	0.98		0.41		0.37		0.91		0.57		0.59		0.41		0.51		0.36	
BC	Black Carbon %H	%	COMB-EC	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
BC	Black Carbon %N	%	COMB-EC	0.11		0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
TOC	Total Organic Carbon %C	%	COMB-EC	4.14		3.26		1.99		3.31		3.22		2.38		2.49		3.12		2.28	
TOC	Total Organic Carbon %H	%	COMB-EC	0.66		0.41		0.12		0.42		0.52		0.5		0.25		0.44		0.46	
TOC	Total Organic Carbon %N	%	COMB-EC	0.29		0.26		0.12		0.28		0.28		0.19		0.19		0.24		0.19	
SSA	SPECIFIC SURFACE AREA	m^2/g	BET	0.53		2.04		0.7		1.83		2.13		2.49		1.63		2.3		2.23	
PS	PERCENT MOISTURE (MASS H2O/MASS TOTAL)	%	D2216	24		29		19		21		25		24		20		18		18	
PS	PERCENT SAND	%	D422	88		68		88		78		70		72		78		76		80	
PS	PERCENT SILT	%	D422	10		24		10		16		20		16		16		18		12	
PS	PERCENT CLAY	%	D422	2		8		2		6		10		12		6		6		8	
PS	Retained on 250	%	D422	13.3		7.3		39.1		23.7		13		12.1		11.8		4.4		3.8	
PS	Soil Classification	--	--	Sand		Sandy Loam		Sand		Loamy Sand		Sandy Loam		Sandy Loam		Loamy Sand		Loamy Sand		Loamy Sand	

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Table 3, part 2 of 4
Soil Parameter Analytical Results
Dow Midland Representative Soils Project

			Sample ID	D-05-7-1		D-05-8-1		E-01-2-1	E-02-1-1		E-02-1-1-D		E-03-1-1		E-03-2-1		E-03-3-1		E-03-4-1	
			Location ID	D-05-14-15-60-304-7		D-05-14-15-60-306-8		E-01-14-22-80-420-2	E-02-14-22-80-012-1		E-02-14-22-80-012-1		E-03-14-15-50-010-1		E-03-14-15-50-012-2		E-03-14-15-50-014-3		E-03-14-15-50-016-4	
			Sample Date	11/17/2006		11/17/2006		11/14/2006	11/14/2006		11/14/2006		11/9/2006		11/9/2006		11/9/2006		11/9/2006	
			Sample Depth (in)	0-1		0-1		0-1	0-1		0-1		0-1		0-1		0-1		0-1	
			Sample Type	Soil		Soil		Soil	Soil		Soil		Soil		Soil		Soil		Soil	
Group	**Analyte**	**Units**	**Method**																	
BC	Black Carbon %C	%	COMB-EC	0.48		0.46		0.86	0.85		1.82		0.65		0.15		0.83		0.53	
BC	Black Carbon %H	%	COMB-EC	0.1	U	0.1	U	0.37	0.1	U	0.12		0.1	U	0.1	U	0.1	U	0.1	U
BC	Black Carbon %N	%	COMB-EC	0.1	U	0.1	U	0.16	0.1	U	0.18		0.1	U	0.1	U	0.1	U	0.1	U
TOC	Total Organic Carbon %C	%	COMB-EC	4.49		3.9		3.86	6.67		7.64		2.37		3.35		4.23		2.85	
TOC	Total Organic Carbon %H	%	COMB-EC	0.95		0.49		0.96	0.64		0.71		0.38		0.53		0.5		0.28	
TOC	Total Organic Carbon %N	%	COMB-EC	0.39		0.3		0.33	0.44		0.5		0.2		0.28		0.35		0.24	
SSA	SPECIFIC SURFACE AREA	m^2/g	BET	2.67		2.14		3.36	0.39		0.42		0.86		1.09		1.77		0.5	
PS	PERCENT MOISTURE (MASS H2O/MASS TOTAL)	%	D2216	16		22		22	26		25		13		19		19		17	
PS	PERCENT SAND	%	D422	72		76		72	88		86		84		76		74		82	
PS	PERCENT SILT	%	D422	20		16		16	12		12		10		20		20		14	
PS	PERCENT CLAY	%	D422	8		8		12	0		2		6		4		6		4	
PS	Retained on 250	%	D422	5.6		4.2		18.1	25.2		33.9		14.4		12.1		9.7		13	
PS	Soil Classification	--	--	Sandy Loam		Sandy Loam		Sandy Loam	Sand		Sand		Loamy Sand		Loamy Sand		Sandy Loam		Loamy Sand	

BC = Black Carbon
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Table 3, part 2 of 4
Soil Parameter Analytical Results
Dow Midland Representative Soils Project

			Sample ID	E-04-1-1		E-04-2-1		E-04-4-1		E-04-5-1		E-04-7-1		E-05-1-1		E-06-1-1		E-07-2-1		E-07-5-1	
			Location ID	E-04-14-15-60-096-1		E-04-14-15-60-098-2		E-04-14-15-60-102-4		E-04-14-15-60-104-5		E-04-14-15-60-108-7		E-05-14-15-20-004-1		E-06-14-15-20-004-1		E-07-14-15-10-432-2		E-07-14-15-10-438-5	
			Sample Date	11/8/2006		11/8/2006		11/8/2006		11/8/2006		11/8/2006		11/11/2006		11/11/2006		11/6/2006		11/6/2006	
			Sample Depth (in)	0-1		0-1		0-1		0-1		0-1		0-1		0-1		0-1		0-1	
			Sample Type	Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil	
Group	**Analyte**	**Units**	**Method**																		
BC	Black Carbon %C	%	COMB-EC	0.45		0.44		0.38		0.43		0.16		0.58		0.3		0.28		0.21	
BC	Black Carbon %H	%	COMB-EC	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
BC	Black Carbon %N	%	COMB-EC	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
TOC	Total Organic Carbon %C	%	COMB-EC	3.09		2.97		2.62		3.08		1.8		3.49		4.15		2.62		2.67	
TOC	Total Organic Carbon %H	%	COMB-EC	0.21		0.43		0.32		0.45		0.31		0.41		0.63		0.7		0.29	
TOC	Total Organic Carbon %N	%	COMB-EC	0.22		0.23		0.22		0.24		0.11		0.29		0.4		0.24		0.23	
SSA	SPECIFIC SURFACE AREA	m^2/g	BET	0.46		0.94		1.04		1.46		2.08		0.98		3.21		4.31		1.21	
PS	PERCENT MOISTURE (MASS H2O/MASS TOTAL)	%	D2216	17		20		21		27		13		28		30		27		21	
PS	PERCENT SAND	%	D422	80		80		78		70		80		78		72		64		76	
PS	PERCENT SILT	%	D422	18		18		16		22		10		18		18		22		18	
PS	PERCENT CLAY	%	D422	2		2		6		8		10		4		10		14		6	
PS	Retained on 250	%	D422	6.3		5.8		5.6		5.3		31.2		6		8.4		7.3		12.3	
PS	Soil Classification	--	--	Loamy Sand		Loamy Sand		Loamy Sand		Sandy Loam		Loamy Sand		Loamy Sand		Sandy Loam		Sandy Loam		Loamy Sand	

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PS = Particle Size
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Table 3, part 2 of 4
Soil Parameter Analytical Results
Dow Midland Representative Soils Project

			Sample ID	E-07-8-1		E-07-10-1		E-07-11-1		E-08-1-1		E-08-3-1		E-08-9-1		E-08-11-1		E-08-13-1		E-09-3-1	
			Location ID	E-07-14-15-10-466-8		E-07-14-15-10-470-10		E-07-14-15-10-472-11		E-08-14-10-40-124-1		E-08-14-10-40-130-3		E-08-14-10-40-194-9		E-08-14-10-40-202-11		E-08-14-10-40-206-13		E-09-14-10-40-526-3	
			Sample Date	11/6/2006		11/6/2006		11/6/2006		10/26/2006		10/26/2006		10/26/2006		10/26/2006		10/26/2006		10/25/2006	
			Sample Depth (in)	0-1		0-1		0-1		0-1		0-1		0-1		0-1		0-1		0-1	
			Sample Type	Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil	
Group	**Analyte**	**Units**	**Method**																		
BC	Black Carbon %C	%	COMB-EC	0.78		0.36		0.21		0.17		0.26		0.23		0.19		0.38		0.4	
BC	Black Carbon %H	%	COMB-EC	0.1	U	0.1	U	0.1	U	0.1	U	0.24		0.1	U	0.1	U	0.1	U	0.1	U
BC	Black Carbon %N	%	COMB-EC	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
TOC	Total Organic Carbon %C	%	COMB-EC	4.76		2.91		4.43		6.24		1.58		2.7		2.67		2.89		3.88	
TOC	Total Organic Carbon %H	%	COMB-EC	0.37		0.47		0.54		0.89		0.39		0.56		0.32		0.68		0.4	
TOC	Total Organic Carbon %N	%	COMB-EC	0.24		0.25		0.4		0.55		0.1	U	0.26		0.26		0.24		0.28	
SSA	SPECIFIC SURFACE AREA	m^2/g	BET	2.21		2.04		0.97		1.34		2.66		2.01		0.98		2.81		1.66	
PS	PERCENT MOISTURE (MASS H2O/MASS TOTAL)	%	D2216	25		21		21		28		40		41		22		22		34	
PS	PERCENT SAND	%	D422	72		72		80		80		78		68		80		66		70	
PS	PERCENT SILT	%	D422	20		18		16		16		14		26		16		24		26	
PS	PERCENT CLAY	%	D422	8		10		4		4		8		6		4		10		4	
PS	Retained on 250	%	D422	8.4		12.8		7.3		6.9		13.7		4.6		8.6		8.1		4.2	
PS	Soil Classification	--	--	Sandy Loam		Sandy Loam		Loamy Sand		Loamy Sand		Loamy Sand		Sandy Loam		Loamy Sand		Sandy Loam		Sandy Loam	

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Table 3, part 2 of 4
Soil Parameter Analytical Results
Dow Midland Representative Soils Project

			Sample ID	E-09-3-1-D		E-09-4-1		E-09-8-1		E-09-9-1		E-09-11-1		E-10-1-1		E-11-1-1		E-11-2-1		E-11-3-1	
			Location ID	E-09-14-10-40-526-3		E-09-14-10-40-528-4		E-09-14-10-40-562-8		E-09-14-10-40-564-9		E-09-14-10-40-566-11		E-10-14-10-30-500-1		E-11-14-10-20-604-1		E-11-14-10-20-606-2		E-11-14-10-20-608-3	
			Sample Date	10/25/2006		10/25/2006		10/25/2006		10/25/2006		10/25/2006		11/10/2006		11/3/2006		11/3/2006		11/3/2006	
			Sample Depth (in)	0-1		0-1		0-1		0-1		0-1		0-1		0-1		0-1		0-1	
			Sample Type	Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil	
Group	**Analyte**	**Units**	**Method**																		
BC	Black Carbon %C	%	COMB-EC	0.7		0.15		0.5		0.13		0.11		0.1	U	0.15		0.17		0.26	
BC	Black Carbon %H	%	COMB-EC	0.19		0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
BC	Black Carbon %N	%	COMB-EC	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
TOC	Total Organic Carbon %C	%	COMB-EC	4.09		2.52		5.05		3.35		2.33		2.22		2.85		3.33		3.12	
TOC	Total Organic Carbon %H	%	COMB-EC	0.84		0.51		0.65		0.46		0.3		0.23		0.36		0.52		0.51	
TOC	Total Organic Carbon %N	%	COMB-EC	0.41		0.23		0.49		0.28		0.2		0.16		0.21		0.28		0.28	
SSA	SPECIFIC SURFACE AREA	m^2/g	BET	1.85		12.84		1.8		1.11		1.2		0.65		1.08		1.59		1.97	
PS	PERCENT MOISTURE (MASS H2O/MASS TOTAL)	%	D2216	33		34		46		39		39		13		23		25		22	
PS	PERCENT SAND	%	D422	72		84		68		84		78		84		80		78		76	
PS	PERCENT SILT	%	D422	26		14		26		14		18		14		14		14		20	
PS	PERCENT CLAY	%	D422	2		2		6		2		4		2		6		8		4	
PS	Retained on 250	%	D422	7.4		5.6		7		9.2		6.6		13.6		17.1		19.6		17.2	
PS	Soil Classification	--	--	Loamy Sand		Loamy Sand		Sandy Loam		Loamy Sand		Loamy Sand		Loamy Sand		Loamy Sand		Loamy Sand		Loamy Sand	

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U = Undetected

Table 3, part 2 of 4
Soil Parameter Analytical Results
Dow Midland Representative Soils Project

			Sample ID	E-11-7-1		E-11-7-1-D		E-11-9-1		F-01-1-1		F-02-1-1		F-04-2-1		F-04-3-1		F-04-6-1		F-04-7-1	
			Location ID	E-11-14-10-20-618-7		E-11-14-10-20-618-7		E-11-14-10-20-624-9		F-01-14-22-80-436-1		F-02-14-22-10-180-1		F-04-14-15-30-318-2		F-04-14-15-30-320-3		F-04-14-15-30-326-6		F-04-14-15-30-376-7	
			Sample Date	11/3/2006		11/3/2006		11/3/2006		11/14/2006		11/14/2006		11/15/2006		11/15/2006		11/15/2006		11/15/2006	
			Sample Depth (in)	0-1		0-1		0-1		0-1		0-1		0-1		0-1		0-1		0-1	
			Sample Type	Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil	
Group	**Analyte**	**Units**	**Method**																		
BC	Black Carbon %C	%	COMB-EC	0.1	U	0.1	U	0.1	U	0.53		0.99		1.7		1.73		0.48		0.42	
BC	Black Carbon %H	%	COMB-EC	0.1	U	0.1	U	0.1	U	0.5		0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
BC	Black Carbon %N	%	COMB-EC	0.1	U	0.1	U	0.1	U	0.1	U	0.13		0.1	U	0.1	U	0.1	U	0.1	U
TOC	Total Organic Carbon %C	%	COMB-EC	1.32		1.44		1.58		2.07		4.07		7.8		12.89		3.33		3.07	
TOC	Total Organic Carbon %H	%	COMB-EC	0.2		0.25		0.24		0.45		0.44		1.01		1.3		0.32		0.32	
TOC	Total Organic Carbon %N	%	COMB-EC	0.11		0.12		0.13		0.17		0.31		0.59		0.92		0.26		0.24	
SSA	SPECIFIC SURFACE AREA	m^2/g	BET	1.13		1.33		1.5		1.36		0.69		2.37		0.88		1.83		0.86	
PS	PERCENT MOISTURE (MASS H2O/MASS TOTAL)	%	D2216	14		14		18		12		26		29		26		17		14	
PS	PERCENT SAND	%	D422	82		82		84		78		84		66		82		74		86	
PS	PERCENT SILT	%	D422	14		14		10		16		14		30		16		24		12	
PS	PERCENT CLAY	%	D422	4		4		6		6		2		4		2		2		2	
PS	Retained on 250	%	D422	15.9		15.9		21.1		32.2		16.6		16.6		24.6		18.4		21.8	
PS	Soil Classification	--	--	Loamy Sand		Loamy Sand		Loamy Sand		Loamy Sand		Loamy Sand		Sandy Loam		Loamy Sand		Loamy Sand		Sand	

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PS = Particle Size
U = Undetected

Table 3, part 2 of 4
Soil Parameter Analytical Results
Dow Midland Representative Soils Project

			Sample ID	F-04-12-1		F-05-6-1		F-05-8-1		F-05-11-1		F-05-12-1		F-05-13-1		G-02-1-1		G-03-1-1		G-03-1-1-D	
			Location ID	F-04-14-15-30-386-12		F-05-14-15-30-034-6		F-05-14-15-30-038-8		F-05-14-15-30-044-11		F-05-14-15-30-046-12		F-05-14-15-30-048-13		G-02-14-22-20-150-1		G-03-14-23-10-100-1		G-03-14-23-10-100-1	
			Sample Date	11/15/2006		11/15/2006		11/15/2006		11/15/2006		11/15/2006		11/15/2006		10/30/2006		11/9/2006		11/9/2006	
			Sample Depth (in)	0-1		0-1		0-1		0-1		0-1		0-1		0-1		0-1		0-1	
			Sample Type	Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil	
Group	**Analyte**	**Units**	**Method**																		
BC	Black Carbon %C	%	COMB-EC	0.35		0.34		0.2		0.87		0.38		0.55		0.45		0.37		0.43	
BC	Black Carbon %H	%	COMB-EC	0.1	U	0.1	U	0.1	U	0.11		0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
BC	Black Carbon %N	%	COMB-EC	0.1	U	0.1	U	0.1	U	0.11		0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
TOC	Total Organic Carbon %C	%	COMB-EC	3.01		3.69		2.93		4.2		4.99		3.06		2.26		1.78		1.81	
TOC	Total Organic Carbon %H	%	COMB-EC	0.46		0.47		0.34		0.62		0.59		0.36		0.48		0.38		0.28	
TOC	Total Organic Carbon %N	%	COMB-EC	0.25		0.27		0.22		0.32		0.4		0.25		0.18		0.14		0.14	
SSA	SPECIFIC SURFACE AREA	m^2/g	BET	2.12		0.89		1.51		2.12		0.89		2.21		2.4		2.86		2.94	
PS	PERCENT MOISTURE (MASS H2O/MASS TOTAL)	%	D2216	13		16		19		44		18		13		23		16		16	
PS	PERCENT SAND	%	D422	70		84		76		76		80		78		84		76		72	
PS	PERCENT SILT	%	D422	24		16		22		20		18		16		10		10		12	
PS	PERCENT CLAY	%	D422	6		0		2		4		2		6		6		14		16	
PS	Retained on 250	%	D422	12		15		15.6		17.9		14.7		14		19.7		30.3		28.9	
PS	Soil Classification	--	--	Sandy Loam		Loamy Sand		Loamy Sand		Loamy Sand		Loamy Sand		Loamy Sand		Loamy Sand		Sandy Loam		Sandy Loam	

BC = Black Carbon
TOC = Total Organic Carbon
SSA = Specific Surface Area
PS = Particle Size
U = Undetected

Table 3, part 2 of 4
Soil Parameter Analytical Results
Dow Midland Representative Soils Project

			Sample ID	G-04-1-1		G-05-1-1		G-05-2-1		G-05-4-1		G-05-5-1		G-05-5-1-D		G-05-7-1		G-06-1-1		G-06-1-1-D	
			Location ID	G-04-14-15-40-130-1		G-05-14-15-40-064-1		G-05-14-15-40-066-2		G-05-14-15-40-070-4		G-05-14-15-40-072-5		G-05-14-15-40-072-5		G-05-14-15-40-102-7		G-06-14-14-60-002-1		G-06-14-14-60-002-1	
			Sample Date	11/9/2006		11/7/2006		11/7/2006		11/7/2006		11/7/2006		11/7/2006		11/7/2006		10/26/2006		10/26/2006	
			Sample Depth (in)	0-1		0-1		0-1		0-1		0-1		0-1		0-1		0-1		0-1	
			Sample Type	Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil	
Group	**Analyte**	**Units**	**Method**																		
BC	Black Carbon %C	%	COMB-EC	0.36		0.48		0.37		0.32		0.41		0.41		0.1	U	1.33		0.14	
BC	Black Carbon %H	%	COMB-EC	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
BC	Black Carbon %N	%	COMB-EC	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
TOC	Total Organic Carbon %C	%	COMB-EC	3.86		3.79		4.84		2.89		3.35		3.52		1.48		9.54		2.6	
TOC	Total Organic Carbon %H	%	COMB-EC	0.46		0.33		0.52		0.29		0.22		0.28		0.16		0.92		0.38	
TOC	Total Organic Carbon %N	%	COMB-EC	0.31		0.26		0.34		0.22		0.24		0.3		0.12		0.54		0.25	
SSA	SPECIFIC SURFACE AREA	m^2/g	BET	0.97		0.55		0.5		0.45		0.35		0.37		0.99		0.85		0.75	
PS	PERCENT MOISTURE (MASS H2O/MASS TOTAL)	%	D2216	41		19		27		15		16		17		8		39		38	
PS	PERCENT SAND	%	D422	86		90		90		88		92		90		88		78		80	
PS	PERCENT SILT	%	D422	10		10		8		10		6		6		8		20		16	
PS	PERCENT CLAY	%	D422	4		0		2		2		2		4		4		2		4	
PS	Retained on 250	%	D422	11.3		7.7		6.2		5.6		13.3		6.5		16.5		6.4		6.8	
PS	Soil Classification	--	--	Loamy Sand		Sand		Sand		Sand		Sand		Sand		Sand		Loamy Sand		Loamy Sand	

BC = Black Carbon
TOC = Total Organic Carbon
SSA = Specific Surface Area
PS = Particle Size
U = Undetected

Table 3, part 2 of 4
Soil Parameter Analytical Results
Dow Midland Representative Soils Project

			Sample ID	G-07-1-1		G-08-1-1		G-08-2-1		G-08-5-1		G-08-5-1-D		G-08-9-1		G-08-11-1		G-09-1-1		G-09-2-1	
			Location ID	G-07-14-14-60-002-1		G-08-14-14-70-070-1		G-08-14-14-70-072-2		G-08-14-14-70-078-5		G-08-14-14-70-078-5		G-08-14-14-70-090-9		G-08-14-14-70-094-11		G-09-14-14-80-184-1		G-09-14-14-80-186-2	
			Sample Date	10/27/2006		11/9/2006		11/9/2006		11/9/2006		11/9/2006		11/9/2006		11/9/2006		10/25/2006		10/25/2006	
			Sample Depth (in)	0-1		0-1		0-1		0-1		0-1		0-1		0-1		0-1		0-1	
			Sample Type	Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil	
Group	**Analyte**	**Units**	**Method**																		
BC	Black Carbon %C	%	COMB-EC	0.35		0.48		0.21		0.24		0.14		0.17		0.54		0.16		0.1	U
BC	Black Carbon %H	%	COMB-EC	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
BC	Black Carbon %N	%	COMB-EC	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
TOC	Total Organic Carbon %C	%	COMB-EC	4.4		3.48		3.06		2.31		2.09		1.69		2.9		8.97		2.58	
TOC	Total Organic Carbon %H	%	COMB-EC	0.49		0.48		0.52		0.27		0.33		0.24		0.62		0.95		0.42	
TOC	Total Organic Carbon %N	%	COMB-EC	0.32		0.31		0.26		0.21		0.18		0.14		0.26		0.39		0.22	
SSA	SPECIFIC SURFACE AREA	m^2/g	BET	0.78		2.47		1.22		2.54		2.42		1.46		1.61		2.11		1.68	
PS	PERCENT MOISTURE (MASS H2O/MASS TOTAL)	%	D2216	28		23		21		17		17		12		20		69		37	
PS	PERCENT SAND	%	D422	88		70		76		68		66		82		76		76		84	
PS	PERCENT SILT	%	D422	10		18		14		22		26		10		16		16		14	
PS	PERCENT CLAY	%	D422	2		12		10		10		8		8		8		8		2	
PS	Retained on 250	%	D422	11.3		15.2		20.8		8.1		8.8		21.1		13.5		28.7		7.3	
PS	Soil Classification	--	--	Sand		Sandy Loam		Sandy Loam		Sandy Loam		Sandy Loam		Loamy Sand		Sandy Loam		Sandy Loam		Loamy Sand	

BC = Black Carbon
TOC = Total Organic Carbon
SSA = Specific Surface Area
PS = Particle Size
U = Undetected

Table 3, part 2 of 4
Soil Parameter Analytical Results
Dow Midland Representative Soils Project

			Sample ID	G-09-4-1		G-09-6-1		G-09-11-1		G-10-2-1		G-10-6-1		G-10-7-1		G-10-8-1		G-10-8-1-D		G-10-9-1	
			Location ID	G-09-14-14-80-190-4		G-09-14-14-80-194-6		G-09-14-14-80-204-11		G-10-14-14-10-314-2		G-10-14-14-10-496-6		G-10-14-14-10-498-7		G-10-14-14-10-502-8		G-10-14-14-10-502-8		G-10-14-14-10-504-9	
			Sample Date	10/25/2006		10/25/2006		10/25/2006		10/25/2006		10/25/2006		10/25/2006		10/25/2006		10/25/2006		10/25/2006	
			Sample Depth (in)	0-1		0-1		0-1		0-1		0-1		0-1		0-1		0-1		0-1	
			Sample Type	Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil	
Group	**Analyte**	**Units**	**Method**																		
BC	Black Carbon %C	%	COMB-EC	0.28		0.15		0.17		0.17		1.23		0.35		0.24		0.59		0.56	
BC	Black Carbon %H	%	COMB-EC	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.13	
BC	Black Carbon %N	%	COMB-EC	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
TOC	Total Organic Carbon %C	%	COMB-EC	3.19		1.29		3.74		2.61		4.1		3.01		1.47		4.36		3.83	
TOC	Total Organic Carbon %H	%	COMB-EC	0.49		0.36		0.51		0.35		0.41		0.42		0.2		0.66		0.8	
TOC	Total Organic Carbon %N	%	COMB-EC	0.28		0.1		0.33		0.24		0.27		0.28		0.15		0.35		0.35	
SSA	SPECIFIC SURFACE AREA	m^2/g	BET	1.17		4.38		1.84		1.13		0.36		0.28		1.16		1.18		2.21	
PS	PERCENT MOISTURE (MASS H2O/MASS TOTAL)	%	D2216	52		24		18		18		36		23		31		31		31	
PS	PERCENT SAND	%	D422	80		82		76		82		88		92		74		72		68	
PS	PERCENT SILT	%	D422	16		12		20		16		12		8		22		26		28	
PS	PERCENT CLAY	%	D422	4		6		4		2		0		0		4		2		4	
PS	Retained on 250	%	D422	10.1		4.7		18.4		6.1		21.3		25.4		5.6		11.6		8.5	
PS	Soil Classification	--	--	Loamy Sand		Loamy Sand		Loamy Sand		Loamy Sand		Sand		Sand		Loamy Sand		Loamy Sand		Sandy Loam	

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PS = Particle Size
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Table 3, part 2 of 4
Soil Parameter Analytical Results
Dow Midland Representative Soils Project

			Sample ID	G-11-1-1		G-11-3-1		G-11-5-1		G-11-7-1		G-12-4-1		G-12-5-1		G-12-6-1		G-12-6-1-D		G-12-9-1	
			Location ID	G-11-14-11-40-054-1		G-11-14-11-40-058-3		G-11-14-11-40-080-5		G-11-14-11-40-084-7		G-12-14-11-30-220-4		G-12-14-11-30-222-5		G-12-14-11-30-224-6		G-12-14-11-30-224-6		G-12-14-11-40-476-9	
			Sample Date	10/25/2006		10/25/2006		10/25/2006		10/25/2006		10/25/2006		10/25/2006		10/25/2006		10/25/2006		10/25/2006	
			Sample Depth (in)	0-1		0-1		0-1		0-1		0-1		0-1		0-1		0-1		0-1	
			Sample Type	Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil	
Group	**Analyte**	**Units**	**Method**																		
BC	Black Carbon %C	%	COMB-EC	0.1	U	0.19		0.77		0.12		0.19		0.17		0.55		0.99		0.38	
BC	Black Carbon %H	%	COMB-EC	0.1	U	0.1	U	0.1	U	0.1	U	0.11		0.1	U	0.1	U	0.28		0.1	U
BC	Black Carbon %N	%	COMB-EC	0.1	U	0.1	U	0.11		0.1	U	0.1	U	0.1	U	0.1	U	0.1		0.1	U
TOC	Total Organic Carbon %C	%	COMB-EC	1.73		2.24		3.08		3.06		3.38		2.47		3.64		2.97		3.5	
TOC	Total Organic Carbon %H	%	COMB-EC	0.39		0.44		0.63		0.43		0.59		0.53		0.55		0.8		0.7	
TOC	Total Organic Carbon %N	%	COMB-EC	0.15		0.18		0.29		0.28		0.27		0.22		0.31		0.31		0.29	
SSA	SPECIFIC SURFACE AREA	m^2/g	BET	1.75		0.52		2.29		0.49		1.66		4.98		4.16		7.03		2.24	
PS	PERCENT MOISTURE (MASS H2O/MASS TOTAL)	%	D2216	20		21		24		24		25		25		33		35		38	
PS	PERCENT SAND	%	D422	72		78		74		86		78		70		64		64		66	
PS	PERCENT SILT	%	D422	26		18		20		12		16		14		22		20		28	
PS	PERCENT CLAY	%	D422	2		4		6		2		6		16		14		16		6	
PS	Retained on 250	%	D422	11.6		6.4		9.7		12.9		6.1		4.9		8.7		12.2		27.7	
PS	Soil Classification	--	--	Loamy Sand		Loamy Sand		Sandy Loam		Sand		Loamy Sand		Sandy Loam		Sandy Loam		Sandy Loam		Sandy Loam	

BC = Black Carbon
TOC = Total Organic Carbon
SSA = Specific Surface Area
PS = Particle Size
U = Undetected

Table 3, part 2 of 4
Soil Parameter Analytical Results
Dow Midland Representative Soils Project

			Sample ID	H-02-1-1		H-03-1-1		H-04-1-1		H-05-1-1		I-01-1-1		I-02-1-1		I-04-1-1		I-04-1-1-D		I-05-1-1	
			Location ID	H-02-14-22-20-150-1		H-03-14-21-30-007-1		H-04-14-14-60-002-1		H-05-14-14-60-002-1		I-01-14-22-20-150-1		I-02-14-21-30-007-1		I-04-14-23-10-200-1		I-04-14-23-10-200-1		I-05-14-14-30-010-1	
			Sample Date	11/2/2006		11/13/2006		10/27/2006		10/27/2006		11/14/2006		11/14/2006		11/1/2006		11/1/2006		11/17/2006	
			Sample Depth (in)	0-1		0-1		0-1		0-1		0-1		0-1		0-1		0-1		0-1	
			Sample Type	Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil	
Group	**Analyte**	**Units**	**Method**																		
BC	Black Carbon %C	%	COMB-EC	0.23		1.92		0.63		0.62		1.56		1.08		0.26		0.2		0.12	
BC	Black Carbon %H	%	COMB-EC	0.1	U	0.1	U	0.1	U	0.1	U	0.31		0.1	U	0.1	U	0.1	U	0.1	U
BC	Black Carbon %N	%	COMB-EC	0.1	U	0.2		0.1	U	0.1	U	0.11		0.1	U	0.1	U	0.1	U	0.1	U
TOC	Total Organic Carbon %C	%	COMB-EC	3.36		5.06		5		5.36		2.85		6.41		1.89		1.86		0.96	
TOC	Total Organic Carbon %H	%	COMB-EC	0.55		0.72		0.54		0.63		0.65		0.51		0.17		0.17		0.21	
TOC	Total Organic Carbon %N	%	COMB-EC	0.32		0.37		0.36		0.34		0.18		0.43		0.12		0.11		0.1	U
SSA	SPECIFIC SURFACE AREA	m^2/g	BET	4.13		0.86		0.4		1.87		1.98		0.48		0.56		0.77		3.19	
PS	PERCENT MOISTURE (MASS H2O/MASS TOTAL)	%	D2216	13		30		34		32		17		35		14		14		13	
PS	PERCENT SAND	%	D422	72		78		86		84		80		92		90		90		88	
PS	PERCENT SILT	%	D422	18		18		12		12		12		6		8		8		10	
PS	PERCENT CLAY	%	D422	10		4		2		4		8		2		2		2		2	
PS	Retained on 250	%	D422	23.1		9		14.8		8.2		16.3		31.1		9.6		10.3		14.3	
PS	Soil Classification	--	--	Sandy Loam		Loamy Sand		Sand		Loamy Sand		Loamy Sand		Sand		Sand		Sand		Sand	

BC = Black Carbon
TOC = Total Organic Carbon
SSA = Specific Surface Area
PS = Particle Size
U = Undetected

Table 3, part 2 of 4
Soil Parameter Analytical Results
Dow Midland Representative Soils Project

			Sample ID	I-06-1-1	
			Location ID	I-06-14-14-30-010-1	
			Sample Date	11/10/2006	
			Sample Depth (in)	0-1	
			Sample Type	Soil	
Group	**Analyte**	**Units**	**Method**		
BC	Black Carbon %C	%	COMB-EC	0.1	U
BC	Black Carbon %H	%	COMB-EC	0.1	U
BC	Black Carbon %N	%	COMB-EC	0.1	U
TOC	Total Organic Carbon %C	%	COMB-EC	1.03	
TOC	Total Organic Carbon %H	%	COMB-EC	0.12	
TOC	Total Organic Carbon %N	%	COMB-EC	0.1	U
SSA	SPECIFIC SURFACE AREA	m^2/g	BET	1.24	
PS	PERCENT MOISTURE (MASS H2O/MASS TOTAL)	%	D2216	7	
PS	PERCENT SAND	%	D422	90	
PS	PERCENT SILT	%	D422	6	
PS	PERCENT CLAY	%	D422	4	
PS	Retained on 250	%	D422	13	
PS	Soil Classification	--	--	Sand	

BC = Black Carbon
TOC = Total Organic Carbon
SSA = Specific Surface Area
PS = Particle Size
U = Undetected

Table 3, part 3 of 4
Soil Parameter Analytical Results
Dow Midland Representative Soils Project

			Sample ID	I-07-1-1		I-08-1-1		I-09-1-1		I-10-1-1		K-01-1-1		K-03-1-1		K-04-1-1		K-04-10-1		K-04-10-1-D	
			Location ID	I-07-14-14-30-010-1		I-08-14-14-30-010-1		I-09-14-13-10-800-1		I-10-14-13-10-800-1		K-01-14-21-30-006-1		K-03-14-23-60-132-1		K-04-14-23-30-430-1		K-04-14-23-60-020-10		K-04-14-23-60-020-10	
			Sample Date	11/10/2006		10/28/2006		10/27/2006		10/27/2006		10/30/2006		11/15/2006		11/7/2006		11/7/2006		11/7/2006	
			Sample Depth (in)	0-1		0-1		0-1		0-1		0-1		0-1		0-1		0-1		0-1	
			Sample Type	Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil	
Group	**Analyte**	**Units**	**Method**																		
BC	Black Carbon %C	%	COMB-EC	0.21		0.17		0.61		0.31		0.1	U	0.73		0.18		0.32		0.4	
BC	Black Carbon %H	%	COMB-EC	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
BC	Black Carbon %N	%	COMB-EC	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
TOC	Total Organic Carbon %C	%	COMB-EC	3.52		3.31		3.58		3.23		0.8		3.51		1.26		2.88		3.09	
TOC	Total Organic Carbon %H	%	COMB-EC	0.3		0.32		0.38		0.47		0.12		0.33		0.1		0.39		0.34	
TOC	Total Organic Carbon %N	%	COMB-EC	0.2		0.21		0.29		0.23		0.1	U	0.25		0.1		0.24		0.26	
SSA	SPECIFIC SURFACE AREA	m^2/g	BET	0.49		0.74		0.51		1.05		0.89		0.84		0.96		1.4		1.37	
PS	PERCENT MOISTURE (MASS H2O/MASS TOTAL)	%	D2216	19		34		52		76		17		19		15		21		17	
PS	PERCENT SAND	%	D422	88		90		90		88		86		88		90		80		82	
PS	PERCENT SILT	%	D422	10		10		8		8		8		12		6		10		10	
PS	PERCENT CLAY	%	D422	2		0		2		4		6		0		4		10		8	
PS	Retained on 250	%	D422	4.8		9.4		8.5		7.4		5.4		22.9		12.9		18.6		18.8	
PS	Soil Classification	--	--	Sand		Sand		Sand		Sand		Loamy Sand		Sand		Sand		Loamy Sand		Loamy Sand	

BC = Black Carbon
TOC = Total Organic Carbon
SSA = Specific Surface Area
PS = Particle Size
U = Undetected

Table 3, part 3 of 4
Soil Parameter Analytical Results
Dow Midland Representative Soils Project

			Sample ID	K-04-12-1		K-04-14-1		K-04-15-1		K-05-1-1		K-05-2-1		K-05-2-1-D		K-05-5-1		K-05-6-1		K-05-14-1	
			Location ID	K-04-14-23-60-028-12		K-04-14-23-60-036-14		K-04-14-23-60-040-15		K-05-14-23-30-266-1		K-05-14-23-30-268-2		K-05-14-23-30-268-2		K-05-14-23-30-274-5		K-05-14-23-30-278-6		K-05-14-23-30-300-14	
			Sample Date	11/7/2006		11/7/2006		11/7/2006		11/8/2006		11/8/2006		11/8/2006		11/8/2006		11/8/2006		11/8/2006	
			Sample Depth (in)	0-1		0-1		0-1		0-1		0-1		0-1		0-1		0-1		0-1	
			Sample Type	Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil	
Group	**Analyte**	**Units**	**Method**																		
BC	Black Carbon %C	%	COMB-EC	0.27		0.69		0.6		0.19		0.21		0.1	U	0.1		0.59		0.22	
BC	Black Carbon %H	%	COMB-EC	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.14		0.1	U
BC	Black Carbon %N	%	COMB-EC	0.1	U	0.1		0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
TOC	Total Organic Carbon %C	%	COMB-EC	2.18		3.86		2.88		2.77		1.7		1.67		1.74		4.66		2.11	
TOC	Total Organic Carbon %H	%	COMB-EC	0.16		0.59		0.56		0.35		0.24		0.21		0.26		0.76		0.23	
TOC	Total Organic Carbon %N	%	COMB-EC	0.17		0.34		0.22		0.21		0.14		0.14		0.15		0.41		0.17	
SSA	SPECIFIC SURFACE AREA	m^2/g	BET	1.07		3.52		2.12		0.64		0.81		1.02		0.76		0.94		1.21	
PS	PERCENT MOISTURE (MASS H2O/MASS TOTAL)	%	D2216	18		21		21		21		15		10		7		20		19	
PS	PERCENT SAND	%	D422	84		64		72		84		90		88		86		76		86	
PS	PERCENT SILT	%	D422	10		24		18		12		6		8		8		16		10	
PS	PERCENT CLAY	%	D422	6		12		10		4		4		4		6		8		4	
PS	Retained on 250	%	D422	27.1		17.7		23.1		15.6		18.9		21.7		18.9		21.7		11.5	
PS	Soil Classification	--	--	Loamy Sand		Sandy Loam		Sandy Loam		Loamy Sand		Sand		Sand		Loamy Sand		Sandy Loam		Loamy Sand	

BC = Black Carbon
TOC = Total Organic Carbon
SSA = Specific Surface Area
PS = Particle Size
U = Undetected

Table 3, part 3 of 4
Soil Parameter Analytical Results
Dow Midland Representative Soils Project

			Sample ID	K-06-1-1		K-06-2-1		K-06-2-1-D		K-06-3-1		K-07-5-1	K-07-7-1		K-07-8-1		K-07-9-1		K-08-1-1	
			Location ID	K-06-14-23-30-032-1		K-06-14-23-30-034-2		K-06-14-23-30-034-2		K-06-14-23-30-036-3		K-07-14-24-70-022-5	K-07-14-24-70-064-7		K-07-14-24-70-066-8		K-07-14-24-70-068-9		K-08-14-24-70-164-1	
			Sample Date	11/6/2006		11/6/2006		11/6/2006		11/6/2006		10/25/2006	10/25/2006		10/25/2006		10/25/2006		11/2/2006	
			Sample Depth (in)	0-1		0-1		0-1		0-1		0-1	0-1		0-1		0-1		0-1	
			Sample Type	Soil		Soil		Soil		Soil		Soil	Soil		Soil		Soil		Soil	
Group	**Analyte**	**Units**	**Method**																	
BC	Black Carbon %C	%	COMB-EC	1.21		0.1	U	0.1	U	0.1		1.09	0.28		0.27		0.1	U	0.2	
BC	Black Carbon %H	%	COMB-EC	0.1	U	0.1	U	0.1	U	0.1	U	0.27	0.1	U	0.1	U	0.1	U	0.1	U
BC	Black Carbon %N	%	COMB-EC	0.17		0.1	U	0.1	U	0.1	U	0.12	0.1	U	0.1	U	0.1	U	0.1	U
TOC	Total Organic Carbon %C	%	COMB-EC	4.96		1.96		1.99		2.53		3.62	3.94		3.35		2.06		2.03	
TOC	Total Organic Carbon %H	%	COMB-EC	0.74		0.22		0.21		0.34		0.71	0.52		0.49		0.41		0.26	
TOC	Total Organic Carbon %N	%	COMB-EC	0.4		0.16		0.14		0.19		0.28	0.35		0.33		0.18		0.18	
SSA	SPECIFIC SURFACE AREA	m^2/g	BET	1.48		0.66		0.58		0.84		2.38	0.46		1.54		0.9		0.5	
PS	PERCENT MOISTURE (MASS H2O/MASS TOTAL)	%	D2216	25		13		13		14		22	64		23		20		16	
PS	PERCENT SAND	%	D422	74		86		88		86		76	86		88		78		90	
PS	PERCENT SILT	%	D422	20		12		10		10		14	10		6		14		10	
PS	PERCENT CLAY	%	D422	6		2		2		4		10	4		6		8		0	
PS	Retained on 250	%	D422	12.4		24.7		24.3		23.9		36	12		10.7		26.1		17.6	
PS	Soil Classification	--	--	Sandy Loam		Sand		Sand		Loamy Sand		Sandy Loam	Loamy Sand		Sand		Loamy Sand		Sand	

BC = Black Carbon
TOC = Total Organic Carbon
SSA = Specific Surface Area
PS = Particle Size
U = Undetected

Table 3, part 3 of 4
Soil Parameter Analytical Results
Dow Midland Representative Soils Project

			Sample ID	K-08-2-1		K-08-5-1		K-08-9-1	K-08-12-1		K-09-1-1		K-10-1-1		K-10-1-1-D		K-11-1-1		L-02-1-1
			Location ID	K-08-14-24-70-168-2		K-08-14-24-70-176-5		K-08-14-24-70-280-9	K-08-14-24-70-289-12		K-09-14-24-70-301-1		K-10-14-24-20-004-1		K-10-14-24-20-004-1		K-11-14-24-20-004-1		L-02-14-23-50-050-1
			Sample Date	11/2/2006		11/2/2006		11/2/2006	11/2/2006		11/9/2006		11/10/2006		11/10/2006		11/10/2006		11/1/2006
			Sample Depth (in)	0-1		0-1		0-1	0-1		0-1		0-1		0-1		0-1		0-1
			Sample Type	Soil		Soil		Soil	Soil		Soil		Soil		Soil		Soil		Soil
Group	**Analyte**	**Units**	**Method**																
BC	Black Carbon %C	%	COMB-EC	0.25		0.35		0.93	0.76		0.58		0.3		0.34		0.73		1.1
BC	Black Carbon %H	%	COMB-EC	0.1	U	0.1	U	0.25	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	1.07
BC	Black Carbon %N	%	COMB-EC	0.1	U	0.1	U	0.11	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.15
TOC	Total Organic Carbon %C	%	COMB-EC	3.28		2.89		3.54	4.33		2.82		4.63		4.85		4.84		8.34
TOC	Total Organic Carbon %H	%	COMB-EC	0.38		0.4		0.81	0.53		0.6		0.62		0.67		0.62		1.19
TOC	Total Organic Carbon %N	%	COMB-EC	0.27		0.24		0.27	0.4		0.25		0.31		0.32		0.36		0.45
SSA	SPECIFIC SURFACE AREA	m^2/g	BET	0.51		0.6		4.14	0.98		1.94		2.58		2.39		1.19		12.5
PS	PERCENT MOISTURE (MASS H2O/MASS TOTAL)	%	D2216	20		20		27	20		20		30		39		35		38
PS	PERCENT SAND	%	D422	92		88		70	86		68		76		70		76		28
PS	PERCENT SILT	%	D422	6		8		16	10		22		12		20		14		32
PS	PERCENT CLAY	%	D422	2		4		14	4		10		12		10		10		40
PS	Retained on 250	%	D422	19.1		22.3		12.9	24.4		15.5		20.7		20.8		21.4		10
PS	Soil Classification	--	--	Sand		Sand		Sandy Loam	Loamy Sand		Sandy Loam		Sandy Loam		Sandy Loam		Sandy Loam		Clay

BC = Black Carbon
TOC = Total Organic Carbon
SSA = Specific Surface Area
PS = Particle Size
U = Undetected

Table 3, part 3 of 4
Soil Parameter Analytical Results
Dow Midland Representative Soils Project

			Sample ID	L-03-1-1		L-03-1-1-D		L-04-1-1		L-05-1-1		M-01-1-1		M-02-1-1		M-03-1-1		M-04-1-1		M-04-1-1-D	
			Location ID	L-03-14-23-50-050-1		L-03-14-23-50-050-1		L-04-14-23-40-310-1		L-05-14-23-40-210-1		M-01-14-26-80-260-1		M-02-14-26-80-260-1		M-03-14-26-80-260-1		M-04-14-26-80-260-1		M-04-14-26-80-260-1	
			Sample Date	11/1/2006		11/1/2006		11/7/2006		11/9/2006		11/13/2006		11/2/2006		11/9/2006		11/9/2006		11/9/2006	
			Sample Depth (in)	0-1		0-1		0-1		0-1		0-1		0-1		0-1		0-1		0-1	
			Sample Type	Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil	
Group	**Analyte**	**Units**	**Method**																		
BC	Black Carbon %C	%	COMB-EC	0.88		1.01		0.3		0.61		0.93		0.87		0.26		0.75		0.73	
BC	Black Carbon %H	%	COMB-EC	0.1	U	0.11		0.1	U	0.1	U	0.43		0.1	U	0.1	U	0.1	U	0.1	U
BC	Black Carbon %N	%	COMB-EC	0.1	U	0.1	U	0.1	U	0.1	U	0.15		0.1	U	0.1	U	0.1	U	0.1	U
TOC	Total Organic Carbon %C	%	COMB-EC	5.8		5.91		3.48		4.79		4.04		3.58		1.11		3.73		3.94	
TOC	Total Organic Carbon %H	%	COMB-EC	0.74		0.76		0.62		0.41		0.82		0.34		0.15		0.33		0.35	
TOC	Total Organic Carbon %N	%	COMB-EC	0.39		0.4		0.25		0.28		0.37		0.15		0.1	U	0.21		0.21	
SSA	SPECIFIC SURFACE AREA	m^2/g	BET	2.2		2.14		2.02		0.61		4.7		2.27		1.23		1.15		1.35	
PS	PERCENT MOISTURE (MASS H2O/MASS TOTAL)	%	D2216	41		9		20		29		24		34		6		23		23	
PS	PERCENT SAND	%	D422	80		78		80		88		46		88		90		86		88	
PS	PERCENT SILT	%	D422	12		12		12		10		32		8		8		12		10	
PS	PERCENT CLAY	%	D422	8		10		8		2		22		4		2		2		2	
PS	Retained on 250	%	D422	9.8		9.9		13.1		9.2		12.1		20.3		50.8		13.9		12.6	
PS	Soil Classification	--	--	Loamy Sand		Sandy Loam		Loamy Sand		Sand		Loam		Sand		Sand		Sand		Sand	

BC = Black Carbon
TOC = Total Organic Carbon
SSA = Specific Surface Area
PS = Particle Size
U = Undetected

Table 3, part 3 of 4
Soil Parameter Analytical Results
Dow Midland Representative Soils Project

			Sample ID	M-05-1-1		M-06-1-1		M-07-1-1		M-07-1-1-D		M-08-1-1		M-09-1-1		M-10-1-1		M-11-1-1		R-02-1-1	
			Location ID	M-05-14-26-80-260-1		M-06-14-26-80-260-1		M-07-14-25-80-240-1		M-07-14-25-80-240-1		M-08-14-25-80-240-1		M-09-14-25-80-240-1		M-10-14-25-80-420-1		M-11-14-25-80-420-1		R-02-120-033-200-251-00-1	
			Sample Date	11/9/2006		11/9/2006		11/28/2006		11/28/2006		11/3/2006		11/3/2006		11/2/2006		11/2/2006		10/30/2006	
			Sample Depth (in)	0-1		0-1		0-1		0-1		0-1		0-1		0-1		0-1		0-1	
			Sample Type	Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil	
Group	**Analyte**	**Units**	**Method**																		
BC	Black Carbon %C	%	COMB-EC	0.35		0.76		0.58		0.56		0.52		0.26		0.35		0.29		0.1	
BC	Black Carbon %H	%	COMB-EC	0.1	U	0.1	U	0.98		0.4		0.1	U	0.1	U	0.1	U	0.1		0.1	U
BC	Black Carbon %N	%	COMB-EC	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
TOC	Total Organic Carbon %C	%	COMB-EC	4.02		6.53		2.46		2.77		3.2		2.64		7.09		3.33		1.73	
TOC	Total Organic Carbon %H	%	COMB-EC	0.38		0.69		0.9		0.83		0.46		0.21		0.72		0.54		0.13	
TOC	Total Organic Carbon %N	%	COMB-EC	0.27		0.56		0.17		0.2		0.21		0.14		0.36		0.25		0.1	
SSA	SPECIFIC SURFACE AREA	m^2/g	BET	0.61		0.97		10.4		12.21		15.16		0.74		0.81		2.38		0.28	
PS	PERCENT MOISTURE (MASS H2O/MASS TOTAL)	%	D2216	30		31		35		36		34		26		72		31		14	
PS	PERCENT SAND	%	D422	90		88		84		84		90		92		86		74		92	
PS	PERCENT SILT	%	D422	8		10		14		12		8		8		10		16		6	
PS	PERCENT CLAY	%	D422	2		2		2		4		2		0		4		10		2	
PS	Retained on 250	%	D422	11.3		10.5		18.4		16.3		25.9		10.8		8.5		26.4		44.3	
PS	Soil Classification	--	--	Sand		Sand		Loamy Sand		Loamy Sand		Sand		Sand		Loamy Sand		Sandy Loam		Sand	

BC = Black Carbon
TOC = Total Organic Carbon
SSA = Specific Surface Area
PS = Particle Size
U = Undetected

Table 3, part 3 of 4
Soil Parameter Analytical Results
Dow Midland Representative Soils Project

			Sample ID	R-02-2-1		R-02-6-1		R-02-8-1		R-02-9-1		R-03-1-1		R-03-1-1-D		R-04-4-1		R-04-6-1		R-04-8-1	
			Location ID	R-02-120-033-200-252-00-2		R-02-120-755-500-480-00-8		R-02-120-755-500-500-00-8		R-02-120-755-500-510-00-9		R-03-120-033-200-622-00-1		R-03-120-033-200-622-00-		R-04-120-033-200-470-00-4		R-04-120-033-300-540-00-6		R-04-120-033-300-560-00-8	
			Sample Date	10/30/2006		10/30/2006		10/30/2006		10/30/2006		11/7/2006		11/7/2006		11/8/2006		11/8/2006		11/8/2006	
			Sample Depth (in)	0-1		0-1		0-1		0-1		0-1		0-1		0-1		0-1		0-1	
			Sample Type	Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil	
Group	**Analyte**	**Units**	**Method**																		
BC	Black Carbon %C	%	COMB-EC	0.13		0.63		0.24		0.18		0.17		0.17		0.38		0.1		0.11	
BC	Black Carbon %H	%	COMB-EC	0.1	U	0.12		0.1	U	0.1	U	0.11		0.1	U	0.12		0.1	U	0.1	U
BC	Black Carbon %N	%	COMB-EC	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
TOC	Total Organic Carbon %C	%	COMB-EC	2		2.31		2.52		3.15		1.85		1.77		2.6		2.07		2.2	
TOC	Total Organic Carbon %H	%	COMB-EC	0.22		0.63		0.33		0.42		0.45		0.37		0.67		0.13		0.35	
TOC	Total Organic Carbon %N	%	COMB-EC	0.13		0.22		0.22		0.27		0.17		0.16		0.23		0.16		0.2	
SSA	SPECIFIC SURFACE AREA	m^2/g	BET	0.83		2.25		0.97		1.18		6.08		5.79		3.98		0.5		0.86	
PS	PERCENT MOISTURE (MASS H2O/MASS TOTAL)	%	D2216	18		10		21		35		14		13		21		19		17	
PS	PERCENT SAND	%	D422	80		72		80		78		56		76		66		84		82	
PS	PERCENT SILT	%	D422	14		16		12		16		22		4		18		12		12	
PS	PERCENT CLAY	%	D422	6		12		8		6		22		20		16		4		6	
PS	Retained on 250	%	D422	27.4		22.5		26		26.8		22.3		20.4		17.5		37		45.6	
PS	Soil Classification	--	--	Loamy Sand		Sandy Loam		Loamy Sand		Loamy Sand		Sandy Loam		SndClyLom		Sandy Loam		Loamy Sand		Loamy Sand	

BC = Black Carbon
TOC = Total Organic Carbon
SSA = Specific Surface Area
PS = Particle Size
U = Undetected

Table 3, part 3 of 4
Soil Parameter Analytical Results
Dow Midland Representative Soils Project

			Sample ID	R-04-9-1		R-04-9-1-D		S-01-1-1		S-01-1-1-D		S-02-3-1		S-02-8-1		S-02-9-1		S-03-1-1		S-03-2-1	
			Location ID	R-04-120-033-300-570-00-5		R-04-120-033-300-570-00-8		S-01-120-028-300-190-00-1		S-01-120-028-300-190-00-1		S-02-120-600-500-100-00-3		S-02-120-600-500-160-00-8		S-02-120-600-500-180-00-5		S-03-120-029-400-256-00-1		S-03-120-029-400-280-00-2	
			Sample Date	11/8/2006		11/8/2006		11/13/2006		11/13/2006		11/2/2006		11/2/2006		11/2/2006		11/17/2006		11/17/2006	
			Sample Depth (in)	0-1		0-1		0-1		0-1		0-1		0-1		0-1		0-1		0-1	
			Sample Type	Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil	
Group	**Analyte**	**Units**	**Method**																		
BC	Black Carbon %C	%	COMB-EC	0.1	U	0.1	U	0.1		0.35		0.57		0.66		0.47		0.56		0.16	
BC	Black Carbon %H	%	COMB-EC	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.15		0.12		0.1	U	0.1	U
BC	Black Carbon %N	%	COMB-EC	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
TOC	Total Organic Carbon %C	%	COMB-EC	1.35		1.04		2.1		1.72		4.16		3.06		2.87		1.69		2.18	
TOC	Total Organic Carbon %H	%	COMB-EC	0.14		0.1	U	0.37		0.28		0.67		0.69		0.62		0.24		0.27	
TOC	Total Organic Carbon %N	%	COMB-EC	0.1	U	0.1	U	0.17		0.14		0.35		0.27		0.25		0.1		0.17	
SSA	SPECIFIC SURFACE AREA	m^2/g	BET	1.51		1.58		1.32		1.27		2.04		3.07		4.61		0.7		0.57	
PS	PERCENT MOISTURE (MASS H2O/MASS TOTAL)	%	D2216	12		13		18		17		32		30		29		12		14	
PS	PERCENT SAND	%	D422	90		92		76		78		64		74		58		90		90	
PS	PERCENT SILT	%	D422	8		6		16		14		28		18		28		10		10	
PS	PERCENT CLAY	%	D422	2		2		8		8		8		8		14		0		0	
PS	Retained on 250	%	D422	42.6		60.6		30.7		34.5		5.7		14.2		13.1		16.2		32.5	
PS	Soil Classification	--	--	Sand		Sand		Sandy Loam		Loamy Sand		Sandy Loam		Sandy Loam		Sandy Loam		Sand		Sand	

BC = Black Carbon
TOC = Total Organic Carbon
SSA = Specific Surface Area
PS = Particle Size
U = Undetected

Table 3, part 3 of 4
Soil Parameter Analytical Results
Dow Midland Representative Soils Project

			Sample ID	S-03-3-1		S-04-1-1		S-04-3-1		S-04-5-1		S-04-6-1		T-01-1-1	T-01-2-1		T-01-3-1		T-01-4-1	
			Location ID	S-03-120-029-400-290-00-3		S-04-120-032-100-110-00-1		S-04-120-450-500-010-00-3		S-04-120-450-500-030-00-5		S-04-120-450-500-110-00-6		T-01-120-029-100-885-00-1	T-01-120-029-100-887-00-2		T-01-120-029-100-910-00-3		T-01-120-029-100-953-00-4	
			Sample Date	11/17/2006		11/17/2006		11/17/2006		11/17/2006		11/17/2006		11/15/2006	11/15/2006		11/15/2006		11/15/2006	
			Sample Depth (in)	0-1		0-1		0-1		0-1		0-1		0-1	0-1		0-1		0-1	
			Sample Type	Soil		Soil		Soil		Soil		Soil		Soil	Soil		Soil		Soil	
Group	**Analyte**	**Units**	**Method**																	
BC	Black Carbon %C	%	COMB-EC	0.22		0.1	U	0.22		0.12		0.36		0.91	1.42		0.19		0.23	
BC	Black Carbon %H	%	COMB-EC	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.15	3.22		0.1	U	0.1	U
BC	Black Carbon %N	%	COMB-EC	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.16	0.1	U	0.1	U	0.1	U
TOC	Total Organic Carbon %C	%	COMB-EC	2.97		2.39		3.61		1.03		2.84		2.82	10.2		2.84		2.29	
TOC	Total Organic Carbon %H	%	COMB-EC	0.34		0.35		0.33		0.1	U	0.21		0.59	0.11		0.53		0.29	
TOC	Total Organic Carbon %N	%	COMB-EC	0.18		0.22		0.33		0.1	U	0.18		0.22	0.1	U	0.22		0.18	
SSA	SPECIFIC SURFACE AREA	m^2/g	BET	1.25		3.59		0.44		1.35		0.53		1.3	0.95		0.42		1.15	
PS	PERCENT MOISTURE (MASS H2O/MASS TOTAL)	%	D2216	21		18		20		13		22		16	6		12		13	
PS	PERCENT SAND	%	D422	88		64		86		88		90		74	70		84		74	
PS	PERCENT SILT	%	D422	8		28		14		10		10		16	24		14		20	
PS	PERCENT CLAY	%	D422	4		8		0		2		0		10	6		2		6	
PS	Retained on 250	%	D422	30		10.1		20.2		20.2		18.3		33.9	51.4		52.3		14	
PS	Soil Classification	--	--	Sand		Sandy Loam		Sand		Sand		Sand		Sandy Loam	Sandy Loam		Loamy Sand		Sandy Loam	

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Table 3, part 3 of 4
Soil Parameter Analytical Results
Dow Midland Representative Soils Project

			Sample ID	T-01-6-1		T-02-1-1		T-03-1-1		T-03-1-1-D		T-03-5-1		T-03-7-1		T-03-9-1		T-04-1-1		T-04-3-1	
			Location ID	T-01-120-029-100-956-00-6		T-02-120-029-100-810-00-1		T-03-120-029-100-530-00-1		T-03-120-029-100-530-00-1		T-03-120-029-100-631-00-5		T-03-120-029-400-865-00-7		T-03-120-029-400-886-00-9		T-04-120-029-100-550-00-1		T-04-120-029-200-776-00-3	
			Sample Date	11/15/2006		11/14/2006		11/9/2006		11/9/2006		11/9/2006		11/9/2006		11/9/2006		11/9/2006		11/9/2006	
			Sample Depth (in)	0-1		0-1		0-1		0-1		0-1		0-1		0-1		0-1		0-1	
			Sample Type	Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil	
Group	**Analyte**	**Units**	**Method**																		
BC	Black Carbon %C	%	COMB-EC	0.11		0.1	U	0.16		0.29		0.47		0.1		0.24		0.56		0.81	
BC	Black Carbon %H	%	COMB-EC	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.11		0.1	U
BC	Black Carbon %N	%	COMB-EC	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.11	
TOC	Total Organic Carbon %C	%	COMB-EC	1.63		1.32		1.66		1.76		5.25		2.09		2.35		2.48		3.16	
TOC	Total Organic Carbon %H	%	COMB-EC	0.34		0.13		0.27		0.21		0.57		0.4		0.56		0.67		0.42	
TOC	Total Organic Carbon %N	%	COMB-EC	0.14		0.1	U	0.14		0.15		0.41		0.17		0.19		0.21		0.26	
SSA	SPECIFIC SURFACE AREA	m^2/g	BET	1.65		0.34		2.29		2.49		1.35		2.06		2.63		4.18		2.56	
PS	PERCENT MOISTURE (MASS H2O/MASS TOTAL)	%	D2216	13		12		17		16		38		20		23		23		28	
PS	PERCENT SAND	%	D422	80		86		66		72		76		72		60		54		48	
PS	PERCENT SILT	%	D422	12		12		24		20		18		16		26		36		42	
PS	PERCENT CLAY	%	D422	8		2		10		8		6		12		14		10		10	
PS	Retained on 250	%	D422	31.3		21.5		22.4		23.1		9.4		35.1		16.5		12.6		6.9	
PS	Soil Classification	--	--	Loamy Sand		Sand		Sandy Loam		Sandy Loam		Loamy Sand		Sandy Loam		Sandy Loam		Sandy Loam		Loam	

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Table 3, part 3 of 4
Soil Parameter Analytical Results
Dow Midland Representative Soils Project

			Sample ID	T-04-4-1		U-01-1-1		U-02-1-1		U-03-1-1		U-04-1-1		V-04-1-1		V-04-5-1		V-04-6-1		V-04-7-1	
			Location ID	T-04-120-029-200-801-00-4		U-01-14-21-30-006-1		U-02-14-21-30-006-1		U-03-14-21-30-006-1		U-04-14-20-60-280-1		V-04-14-16-60-520-1		V-04-14-16-60-530-5		V-04-14-16-60-538-6		V-04-14-16-60-540-7	
			Sample Date	11/9/2006		11/2/2006		11/14/2006		11/10/2006		11/10/2006		11/9/2006		11/9/2006		11/9/2006		11/9/2006	
			Sample Depth (in)	0-1		0-1		0-1		0-1		0-1		0-1		0-1		0-1		0-1	
			Sample Type	Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil	
Group	**Analyte**	**Units**	**Method**																		
BC	Black Carbon %C	%	COMB-EC	0.37		0.32		0.69		0.43		0.29		0.52		0.79		1.24		0.63	
BC	Black Carbon %H	%	COMB-EC	0.1	U	0.1	U	0.5		0.1	U	0.1	U	0.25		0.21		0.1	U	0.1	U
BC	Black Carbon %N	%	COMB-EC	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
TOC	Total Organic Carbon %C	%	COMB-EC	3.64		2.42		2.67		2.04		2.87		2.24		6.36		2.49		4.19	
TOC	Total Organic Carbon %H	%	COMB-EC	0.71		0.32		0.76		0.55		0.26		0.59		1.23		0.27		0.45	
TOC	Total Organic Carbon %N	%	COMB-EC	0.32		0.19		0.15		0.17		0.17		0.17		0.42		0.17		0.31	
SSA	SPECIFIC SURFACE AREA	m^2/g	BET	3.69		1.08		2.23		5.92		9.07		0.53		1.35		0.36		0.85	
PS	PERCENT MOISTURE (MASS H2O/MASS TOTAL)	%	D2216	23		32		14		26		29		19		16		27		20	
PS	PERCENT SAND	%	D422	48		86		72		50		40		86		82		90		76	
PS	PERCENT SILT	%	D422	36		12		20		32		36		12		14		8		18	
PS	PERCENT CLAY	%	D422	16		2		8		18		24		2		4		2		6	
PS	Retained on 250	%	D422	10.5		43.7		54.3		11		10.3		47.1		51.6		44.9		35.2	
PS	Soil Classification	--	--	Loam		Sand		Sandy Loam		Loam		Loam		Sand		Loamy Sand		Sand		Loamy Sand	

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Table 3, part 3 of 4
Soil Parameter Analytical Results
Dow Midland Representative Soils Project

			Sample ID	V-04-9-1		V-05-1-1		V-05-2-1		V-05-5-1		V-05-6-1		V-05-8-1		V-06-5-1		V-06-5-1-D		V-06-7-1	
			Location ID	V-04-14-16-60-546-9		V-05-14-17-30-060-1		V-05-14-17-30-062-2		V-05-14-17-30-068-5		V-05-14-17-30-070-6		V-05-14-17-30-074-8		V-06-14-17-20-096-5		V-06-14-17-20-096-5		V-06-14-17-20-124-7	
			Sample Date	11/9/2006		10/26/2006		10/26/2006		10/26/2006		10/26/2006		10/26/2006		10/26/2006		10/26/2006		10/26/2006	
			Sample Depth (in)	0-1		0-1		0-1		0-1		0-1		0-1		0-1		0-1		0-1	
			Sample Type	Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil	
Group	**Analyte**	**Units**	**Method**																		
BC	Black Carbon %C	%	COMB-EC	0.66		0.24		0.62		0.12		1.24		0.15		0.35		0.14		0.68	
BC	Black Carbon %H	%	COMB-EC	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
BC	Black Carbon %N	%	COMB-EC	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
TOC	Total Organic Carbon %C	%	COMB-EC	3.89		4.19		4.18		3.28		3.72		3.55		3.55		1.93		4.95	
TOC	Total Organic Carbon %H	%	COMB-EC	0.35		0.42		0.48		0.32		0.38		0.5		0.56		0.36		0.52	
TOC	Total Organic Carbon %N	%	COMB-EC	0.25		0.3		0.3		0.17		0.22		0.29		0.34		0.21		0.35	
SSA	SPECIFIC SURFACE AREA	m^2/g	BET	0.8		0.64		0.86		0.98		0.79		1.57		0.89		0.84		1.58	
PS	PERCENT MOISTURE (MASS H2O/MASS TOTAL)	%	D2216	18		27		28		27		18		28		20		22		32	
PS	PERCENT SAND	%	D422	86		82		80		78		86		80		76		74		76	
PS	PERCENT SILT	%	D422	10		14		14		18		12		14		16		22		18	
PS	PERCENT CLAY	%	D422	4		4		6		4		2		6		8		4		6	
PS	Retained on 250	%	D422	34.7		44.6		46.9		35.8		45.5		40		32.1		31.9		33.1	
PS	Soil Classification	--	--	Loamy Sand		Loamy Sand		Loamy Sand		Loamy Sand		Sand		Loamy Sand		Sandy Loam		Loamy Sand		Loamy Sand	

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Table 3, part 3 of 4
Soil Parameter Analytical Results
Dow Midland Representative Soils Project

			Sample ID	V-06-10-1		V-08-1-1		V-09-1-1		V-10-1-1		V-10-2-1		V-10-5-1		V-10-6-1		V-10-9-1		W-01-1-1	
			Location ID	V-06-14-17-20-134-10		V-08-14-17-20-240-1		V-09-14-08-40-500-1		V-10-14-08-50-074-1		V-10-14-08-50-076-2		V-10-14-08-50-086-5		V-10-14-08-50-088-6		V-10-14-08-50-094-9		W-01-14-21-20-266-1	
			Sample Date	10/26/2006		11/9/2006		11/7/2006		10/26/2006		10/26/2006		10/26/2006		10/26/2006		10/26/2006		11/15/2006	
			Sample Depth (in)	0-1		0-1		0-1		0-1		0-1		0-1		0-1		0-1		0-1	
			Sample Type	Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil	
Group	**Analyte**	**Units**	**Method**																		
BC	Black Carbon %C	%	COMB-EC	0.29		0.45		0.42		0.17		0.7		0.1	U	0.24		0.7		0.29	
BC	Black Carbon %H	%	COMB-EC	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
BC	Black Carbon %N	%	COMB-EC	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1		0.1	U
TOC	Total Organic Carbon %C	%	COMB-EC	6.18		2.16		2.36		3.01		4.46		2.36		2.35		3.43		2.57	
TOC	Total Organic Carbon %H	%	COMB-EC	0.99		0.59		0.33		0.54		0.64		0.24		0.39		0.52		0.31	
TOC	Total Organic Carbon %N	%	COMB-EC	0.59		0.18		0.21		0.27		0.35		0.2		0.21		0.3		0.2	
SSA	SPECIFIC SURFACE AREA	m^2/g	BET	1.36		1.53		0.71		2.37		0.66		2.27		2.18		1.07		0.63	
PS	PERCENT MOISTURE (MASS H2O/MASS TOTAL)	%	D2216	29		14		21		17		27		26		29		56		13	
PS	PERCENT SAND	%	D422	74		76		78		66		84		68		70		86		82	
PS	PERCENT SILT	%	D422	18		16		16		24		14		22		22		10		14	
PS	PERCENT CLAY	%	D422	8		8		6		10		2		10		8		4		4	
PS	Retained on 250	%	D422	35.1		24.7		60.3		22.6		35		22.4		13.9		32.8		32.7	
PS	Soil Classification	--	--	Sandy Loam		Sandy Loam		Loamy Sand		Sandy Loam		Loamy Sand		Sandy Loam		Sandy Loam		Loamy Sand		Loamy Sand	

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Table 3, part 3 of 4
Soil Parameter Analytical Results
Dow Midland Representative Soils Project

			Sample ID	W-03-11-1		W-03-12-1	
			Location ID	W-03-14-21-80-490-11		W-03-14-21-80-492-12	
			Sample Date	11/13/2006		11/13/2006	
			Sample Depth (in)	0-1		0-1	
			Sample Type	Soil		Soil	
Group	**Analyte**	**Units**	**Method**				
BC	Black Carbon %C	%	COMB-EC	1.13		1.33	
BC	Black Carbon %H	%	COMB-EC	0.1	U	0.1	U
BC	Black Carbon %N	%	COMB-EC	0.1	U	0.1	U
TOC	Total Organic Carbon %C	%	COMB-EC	3.39		4.2	
TOC	Total Organic Carbon %H	%	COMB-EC	0.33		0.34	
TOC	Total Organic Carbon %N	%	COMB-EC	0.19		0.24	
SSA	SPECIFIC SURFACE AREA	m^2/g	BET	0.83		1.3	
PS	PERCENT MOISTURE (MASS H2O/MASS TOTAL)	%	D2216	18		18	
PS	PERCENT SAND	%	D422	88		92	
PS	PERCENT SILT	%	D422	12		8	
PS	PERCENT CLAY	%	D422	0		0	
PS	Retained on 250	%	D422	2		3.3	
PS	Soil Classification	--	--	Sand		Sand	

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Table 3, part 4 of 4
Soil Parameter Analytical Results
Dow Midland Representative Soils Project

			Sample ID	W-03-5-1		W-03-7-1		W-03-7-1-D		W-03-9-1		W-03-9-1-D		W-04-1-1		W-04-2-1		W-04-6-1		W-04-7-1	
			Location ID	W-03-14-21-80-478-5		W-03-14-21-80-482-7		W-03-14-21-80-482-7		W-03-14-21-80-486-9		W-03-14-21-80-486-9		W-04-14-16-50-038-1		W-04-14-16-50-040-2		W-04-14-16-50-048-6		W-04-14-16-50-050-7	
			Sample Date	11/13/2006		11/13/2006		11/13/2006		11/13/2006		11/13/2006		11/20/2006		11/20/2006		11/20/2006		11/20/2006	
			Sample Depth (in)	0-1		0-1		0-1		0-1		0-1		0-1		0-1		0-1		0-1	
			Sample Type	Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil	
Group	**Analyte**	**Units**	**Method**																		
BC	Black Carbon %C	%	COMB-EC	1.15		2.06		2.42		0.44		0.72		1.17		0.12		1.13		0.95	
BC	Black Carbon %H	%	COMB-EC	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
BC	Black Carbon %N	%	COMB-EC	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
TOC	Total Organic Carbon %C	%	COMB-EC	4.18		4.73		4.83		2.81		2.74		2.9		1.57		5.05		3.63	
TOC	Total Organic Carbon %H	%	COMB-EC	0.61		0.32		0.29		0.49		0.42		0.2		0.16		0.38		0.35	
TOC	Total Organic Carbon %N	%	COMB-EC	0.26		0.22		0.2		0.21		0.19		0.16		0.1	U	0.32		0.25	
SSA	SPECIFIC SURFACE AREA	m^2/g	BET	1.53		1.04		1.11		1.27		1.39		1.53		2.11		0.9		1.38	
PS	PERCENT MOISTURE (MASS H2O/MASS TOTAL)	%	D2216	21		19		19		18		21		16		10		12		15	
PS	PERCENT SAND	%	D422	74		82		84		80		78		84		88		86		80	
PS	PERCENT SILT	%	D422	20		14		12		14		14		14		10		14		16	
PS	PERCENT CLAY	%	D422	6		4		4		6		8		2		2		0		4	
PS	Retained on 250	%	D422	22.7		27.8		30.6		27.4		35.1		34.3		35.7		22.3		21.8	
PS	Soil Classification	--	--	Sandy Loam		Loamy Sand		Loamy Sand		Loamy Sand		Loamy Sand		Loamy Sand		Sand		Sand		Loamy Sand	

BC = Black Carbon
TOC = Total Organic Carbon
SSA = Specific Surface Area
PS = Particle Size
U = Undetected

Table 3, part 4 of 4
Soil Parameter Analytical Results
Dow Midland Representative Soils Project

			Sample ID	W-04-8-1		W-05-1-1		W-06-1-1		W-06-2-1		W-06-6-1		W-06-8-1		W-06-10-1	
			Location ID	W-04-14-16-50-052-8		W-05-14-16-50-900-1		W-06-14-16-60-402-1		W-06-14-16-60-404-2		W-06-14-16-60-412-6		W-06-14-16-60-446-8		W-06-14-16-60-450-10	
			Sample Date	11/20/2006		11/15/2006		11/20/2006		11/20/2006		11/20/2006		11/20/2006		11/20/2006	
			Sample Depth (in)	0-1		0-1		0-1		0-1		0-1		0-1		0-1	
			Sample Type	Soil		Soil		Soil		Soil		Soil		Soil		Soil	
Group	**Analyte**	**Units**	**Method**														
BC	Black Carbon %C	%	COMB-EC	0.76		0.41		0.46		0.36		0.29		0.71		0.4	
BC	Black Carbon %H	%	COMB-EC	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
BC	Black Carbon %N	%	COMB-EC	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
TOC	Total Organic Carbon %C	%	COMB-EC	2.75		2.69		3.85		2.75		1.59		3.48		2.07	
TOC	Total Organic Carbon %H	%	COMB-EC	0.25		0.48		0.27		0.24		0.19		0.58		0.31	
TOC	Total Organic Carbon %N	%	COMB-EC	0.17		0.23		0.27		0.18		0.12		0.23		0.16	
SSA	SPECIFIC SURFACE AREA	m^2/g	BET	0.63		3.61		0.35		0.39		0.78		1.6		2.15	
PS	PERCENT MOISTURE (MASS H2O/MASS TOTAL)	%	D2216	11		14		15		15		13		6		8	
PS	PERCENT SAND	%	D422	88		70		88		90		86		80		78	
PS	PERCENT SILT	%	D422	12		18		12		8		10		14		12	
PS	PERCENT CLAY	%	D422	0		12		0		2		4		6		10	
PS	Retained on 250	%	D422	31.1		18.9		29.2		35.2		42.5		29.6		30.6	
PS	Soil Classification	--	--	Sand		Sandy Loam		Sand		Sand		Loamy Sand		Loamy Sand		Sandy Loam	

BC = Black Carbon
TOC = Total Organic Carbon
SSA = Specific Surface Area
PS = Particle Size
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