Table TM 1-11
Metals in Soil/Sediment (Industrial Criteria)
Spring 2004
Carter Color Coat
Detroit, Michigan

Sample Location:						SWMU1 SB3 (7-9)	SWMU1 SB4 (0-2)	SWMU1 SB4 (6-8)
Sample Date:						4/27/2004	4/26/2004	4/26/2004
	MDEQ PART 201 INDUSTRIAL CLEANUP CRITERIA							
	Groundwater Contact Protection Criteria	Direct Contact Industrial & Commercial II	Volatilization to Indoor Air	Infinite Source Volatile Soil Inhalation	Ambient Air Particulate Soil Inhalation Criteria			
Metals (mg/kg)								
Arsenic	2,000	37	NLV	NLV	910	**8.5**	**1.4**	**4.6**
Selenium	78,000	9,600	NLV	NLV	59,000	0.5 U	0.5 U	0.5 U
Silver	200,000	9,000	NLV	NLV	2,900	0.25 U	0.25 U	0.25 U
Mercury	47	580	89	62	8,800	0.05 U	0.05 U	0.05 U
Barium	1.0E+06 (D)	130,000	NLV	NLV	150,000	**61**	**58**	**45**
Cadmium	230,000	2,100	NLV	NLV	2,200	2.0 U	2.0 U	2.0 U
Chromium	140,000	9,200	NLV	NLV	240	**18**	**15**	**15**
Copper	1.0E+06 (D)	73,000	NLV	NLV	59,000	**18**	**9.0**	**16**
Lead	ID	900 (DD)	NLV	NLV	44,000	**12**	**11**	**8.5**
Zinc	1.0E+06 (D)	630,000	NLV	NLV	ID	**51**	**41**	**48**

Table TM 1-11
Metals in Soil/Sediment (Industrial Criteria)
Spring 2004
Carter Color Coat
Detroit, Michigan

Sample Location:						SWMU1 SB5 (2-4)	SWMU1 SB5 (7-9)	SWMU1 SB6 (1-3)
Sample Date:						4/26/2004	4/26/2004	4/27/2004
	MDEQ PART 201 INDUSTRIAL CLEANUP CRITERIA							
	Groundwater Contact Protection Criteria	Direct Contact Industrial & Commercial II	Volatilization to Indoor Air	Infinite Source Volatile Soil Inhalation	Ambient Air Particulate Soil Inhalation Criteria			
Metals (mg/kg)								
Arsenic	2,000	37	NLV	NLV	910	**2.0**	**9.2**	**10.2**
Selenium	78,000	9,600	NLV	NLV	59,000	0.5 U	0.5 U	0.5 U
Silver	200,000	9,000	NLV	NLV	2,900	0.25 U	0.25 U	0.25 U
Mercury	47	580	89	62	8,800	0.05 U	0.05 U	0.05 U
Barium	1.0E+06 (D)	130,000	NLV	NLV	150,000	**53**	**57**	**79**
Cadmium	230,000	2,100	NLV	NLV	2,200	2.0 U	2.0 U	2.0 U
Chromium	140,000	9,200	NLV	NLV	240	**15**	**16**	**21**
Copper	1.0E+06 (D)	73,000	NLV	NLV	59,000	**8.9**	**19**	**20**
Lead	ID	900 (DD)	NLV	NLV	44,000	**10**	**11**	**19**
Zinc	1.0E+06 (D)	630,000	NLV	NLV	ID	**46**	**49**	**63**

Table TM 1-11
Metals in Soil/Sediment (Industrial Criteria)
Spring 2004
Carter Color Coat
Detroit, Michigan

Sample Location:						SWMU1 SB6 (8-10)	SWMU1 SB7 (1-3)	SWMU1 SB7 (5-7)
Sample Date:						4/27/2004	4/27/2004	4/27/2004
	MDEQ PART 201 INDUSTRIAL CLEANUP CRITERIA							
	Groundwater Contact Protection Criteria	Direct Contact Industrial & Commercial II	Volatilization to Indoor Air	Infinite Source Volatile Soil Inhalation	Ambient Air Particulate Soil Inhalation Criteria			
Metals (mg/kg)								
Arsenic	2,000	37	NLV	NLV	910	**7.0**	**2.4**	**6.7**
Selenium	78,000	9,600	NLV	NLV	59,000	0.5 U	0.5 U	0.5 U
Silver	200,000	9,000	NLV	NLV	2,900	0.25 U	0.25 U	0.25 U
Mercury	47	580	89	62	8,800	0.05 U	0.05 U	0.05 U
Barium	1.0E+06 (D)	130,000	NLV	NLV	150,000	**73**	**51**	**50**
Cadmium	230,000	2,100	NLV	NLV	2,200	2.0 U	2.0 U	2.0 U
Chromium	140,000	9,200	NLV	NLV	240	**16**	**13**	**16**
Copper	1.0E+06 (D)	73,000	NLV	NLV	59,000	**18**	**7.5**	**18**
Lead	ID	900 (DD)	NLV	NLV	44,000	**11**	**11**	**14**
Zinc	1.0E+06 (D)	630,000	NLV	NLV	ID	**53**	**36**	**49**

Table TM 1-11
Metals in Soil/Sediment (Industrial Criteria)
Spring 2004
Carter Color Coat
Detroit, Michigan

Sample Location:						SWMU1 SB8 (2-4)	SWMU1 SB8 (6-8)	SWMU5 S1 (1-3)
Sample Date:						4/27/2004	4/27/2004	4/29/2004
	MDEQ PART 201 INDUSTRIAL CLEANUP CRITERIA							
	Groundwater Contact Protection Criteria	Direct Contact Industrial & Commercial II	Volatilization to Indoor Air	Infinite Source Volatile Soil Inhalation	Ambient Air Particulate Soil Inhalation Criteria			
Metals (mg/kg)								
Arsenic	2,000	37	NLV	NLV	910	**10.4**	**9.0**	**6.8**
Selenium	78,000	9,600	NLV	NLV	59,000	0.5 U	0.5 U	0.5 U
Silver	200,000	9,000	NLV	NLV	2,900	0.25 U	0.25 U	0.25 U
Mercury	47	580	89	62	8,800	0.05 U	0.05 U	0.05 U
Barium	1.0E+06 (D)	130,000	NLV	NLV	150,000	**90**	**61**	**100**
Cadmium	230,000	2,100	NLV	NLV	2,200	2.0 U	2.0 U	2.0 U
Chromium	140,000	9,200	NLV	NLV	240	**24**	**17**	**22**
Copper	1.0E+06 (D)	73,000	NLV	NLV	59,000	**13**	**18**	**47**
Lead	ID	900 (DD)	NLV	NLV	44,000	**18**	**13**	**88**
Zinc	1.0E+06 (D)	630,000	NLV	NLV	ID	**67**	**48**	**150**

Table TM 1-11
Metals in Soil/Sediment (Industrial Criteria)
Spring 2004
Carter Color Coat
Detroit, Michigan

Sample Location:						SWMU5 S1	SWMU5 S2 (1-3)	SWMU5 S3 (1-3)
Sample Date:						4/29/2004 Duplicate	4/29/2004	4/29/2004
	MDEQ PART 201 INDUSTRIAL CLEANUP CRITERIA							
	Groundwater Contact Protection Criteria	Direct Contact Industrial & Commercial II	Volatilization to Indoor Air	Infinite Source Volatile Soil Inhalation	Ambient Air Particulate Soil Inhalation Criteria			
Metals (mg/kg)								
Arsenic	2,000	37	NLV	NLV	910	**5.4**	**5.0**	**7.5**
Selenium	78,000	9,600	NLV	NLV	59,000	**0.7**	**1.1**	0.5 U
Silver	200,000	9,000	NLV	NLV	2,900	0.25 U	0.25 U	0.25 U
Mercury	47	580	89	62	8,800	**0.13**	**0.08**	0.05 U
Barium	1.0E+06 (D)	130,000	NLV	NLV	150,000	**83**	**90**	**83**
Cadmium	230,000	2,100	NLV	NLV	2,200	2.0 U	2.0 U	2.0 U
Chromium	140,000	9,200	NLV	NLV	240	**21**	**17**	**19**
Copper	1.0E+06 (D)	73,000	NLV	NLV	59,000	**510**	**47**	**140**
Lead	ID	900 (DD)	NLV	NLV	44,000	**110**	**100**	**55**
Zinc	1.0E+06 (D)	630,000	NLV	NLV	ID	**530**	**110**	**230**

Table TM 1-11
Metals in Soil/Sediment (Industrial Criteria)
Spring 2004
Carter Color Coat
Detroit, Michigan

Sample Location:						SWMU5 S3 (1-3)	SWMU6 S1 (1-3)	SWMU6 S2 (1-3)
Sample Date:						4/29/2004 Duplicate	4/29/2004	4/29/2004
	MDEQ PART 201 INDUSTRIAL CLEANUP CRITERIA							
	Groundwater Contact Protection Criteria	Direct Contact Industrial & Commercial II	Volatilization to Indoor Air	Infinite Source Volatile Soil Inhalation	Ambient Air Particulate Soil Inhalation Criteria			
Metals (mg/kg)								
Arsenic	2,000	37	NLV	NLV	910	**7.4**	**6.0**	**2.8**
Selenium	78,000	9,600	NLV	NLV	59,000	0.5 U	**0.8**	**0.9**
Silver	200,000	9,000	NLV	NLV	2,900	0.25 U	0.25 U	0.25 U
Mercury	47	580	89	62	8,800	0.05 U	0.05 U	0.05 U
Barium	1.0E+06 (D)	130,000	NLV	NLV	150,000	**81**	**150**	**130**
Cadmium	230,000	2,100	NLV	NLV	2,200	2.0 U	2.0 U	2.0 U
Chromium	140,000	9,200	NLV	NLV	240	**18**	**26**	**9.7**
Copper	1.0E+06 (D)	73,000	NLV	NLV	59,000	**180**	**38**	**23**
Lead	ID	900 (DD)	NLV	NLV	44,000	**48**	**120**	**28**
Zinc	1.0E+06 (D)	630,000	NLV	NLV	ID	**280**	**140**	**34**

Prepared by: K. Book
Checked by: M. McGowan

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Table TM 1-11.1
Metals in Soil/Sediment (Residental Criteria)
Spring 2004
Carter Color Coat
Detroit, Michigan

Sample Location:						UST SB1 (0-2)	UST SB1 (6-8)	UST SB2 (2-4)
Sample Date:						4/26/2004	4/26/2004	4/26/2004
	MDEQ PART 201 RESIDENTIAL CLEANUP CRITERIA							
	Groundwater Contact Protection Criteria	Direct Contact Residential & Commercial I	Volatilization to Indoor Air	Ambient Air Infinite Source Volatile Soil Inhalation	Ambient Air Particulate Soil Inhalation Criteria			
Metals (mg/kg)								
Arsenic	2,000	7.6	NLV	NLV	720	**3.6**	**6.0**	**7.1**
Selenium	78,000	2,600	NLV	NLV	130,000	0.5 U	0.5 U	0.5 U
Silver	200,000	2,500	NLV	NLV	6,700	0.25 U	0.25 U	0.25 U
Mercury	47	160	48	52	20,000	0.05 U	0.05 U	0.05 U
Barium	1.0E+06 (D)	37,000	NLV	NLV	330,000	**44**	**47**	**100**
Cadmium	230,000	550	NLV	NLV	1,700	2.0 U	2.0 U	2.0 U
Chromium	140,000	2,500	NLV	NLV	260	**9.9**	**15**	**22**
Copper	1.0E+06 (D)	20,000	NLV	NLV	130,000	**19**	**16**	**19**
Lead	ID	400	NLV	NLV	100,000	**28**	**7.5**	**13**
Zinc	1.0E+06 (D)	170,000	NLV	NLV	ID	**38**	**43**	**54**

Table TM 1-11.1
Metals in Soil/Sediment (Residental Criteria)
Spring 2004
Carter Color Coat
Detroit, Michigan

Sample Location:						UST SB2 (4-6)	UST SB2 (9-11)	UST SB3 (4-6)
Sample Date:						4/26/2004 Duplicate	4/26/2004	4/26/2004
	MDEQ PART 201 RESIDENTIAL CLEANUP CRITERIA							
	Groundwater Contact Protection Criteria	Direct Contact Residential & Commercial I	Volatilization to Indoor Air	Ambient Air Infinite Source Volatile Soil Inhalation	Ambient Air Particulate Soil Inhalation Criteria			
Metals (mg/kg)								
Arsenic	2,000	7.6	NLV	NLV	720	**7.2**	**4.3**	**0.8**
Selenium	78,000	2,600	NLV	NLV	130,000	0.5 U	0.5 U	0.5 U
Silver	200,000	2,500	NLV	NLV	6,700	0.25 U	0.25 U	0.25 U
Mercury	47	160	48	52	20,000	0.05 U	0.05 U	0.05 U
Barium	1.0E+06 (D)	37,000	NLV	NLV	330,000	**55**	**65**	**5.8**
Cadmium	230,000	550	NLV	NLV	1,700	2.0 U	2.0 U	2.0 U
Chromium	140,000	2,500	NLV	NLV	260	**16**	**15**	**3.8**
Copper	1.0E+06 (D)	20,000	NLV	NLV	130,000	**16**	**15**	**2.9**
Lead	ID	400	NLV	NLV	100,000	**10**	**8.0**	5 U
Zinc	1.0E+06 (D)	170,000	NLV	NLV	ID	**44**	**42**	**11**

Table TM 1-11.1
Metals in Soil/Sediment (Residental Criteria)
Spring 2004
Carter Color Coat
Detroit, Michigan

Sample Location:						UST SB3 (6-8)	UST SB4 (2-4)	UST SB4 (7-9)
Sample Date:						4/26/2004	4/26/2004	4/26/2004
	MDEQ PART 201 RESIDENTIAL CLEANUP CRITERIA							
	Groundwater Contact Protection Criteria	Direct Contact Residential & Commercial I	Volatilization to Indoor Air	Ambient Air Infinite Source Volatile Soil Inhalation	Ambient Air Particulate Soil Inhalation Criteria			
Metals (mg/kg)								
Arsenic	2,000	7.6	NLV	NLV	720	**0.9**	**5.2**	**9.5**
Selenium	78,000	2,600	NLV	NLV	130,000	0.5 U	0.5 U	0.5 U
Silver	200,000	2,500	NLV	NLV	6,700	**0.4**	0.25 U	0.25 U
Mercury	47	160	48	52	20,000	0.05 U	0.05 U	0.05 U
Barium	1.0E+06 (D)	37,000	NLV	NLV	330,000	**8.2**	**82**	**65**
Cadmium	230,000	550	NLV	NLV	1,700	2.0 U	2.0 U	2.0 U
Chromium	140,000	2,500	NLV	NLV	260	**4.6**	**20**	**16**
Copper	1.0E+06 (D)	20,000	NLV	NLV	130,000	**4.5**	**12**	**20**
Lead	ID	400	NLV	NLV	100,000	5 U	**12**	**12**
Zinc	1.0E+06 (D)	170,000	NLV	NLV	ID	**12**	**47**	**49**

Prepared by: K. Book
Checked by: M. McGowan

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Table TM 1-11.1
Metals in Soil/Sediment (Residental Criteria)
Spring 2004
Carter Color Coat
Detroit, Michigan

Sample Location:						UST SB5 (1-3)	UST SB5 (10-12)	SWMU1 SB1 (1-3)
Sample Date:						4/26/2004	4/26/2004	4/26/2004
	MDEQ PART 201 RESIDENTIAL CLEANUP CRITERIA							
	Groundwater Contact Protection Criteria	Direct Contact Residential & Commercial I	Volatilization to Indoor Air	Ambient Air Infinite Source Volatile Soil Inhalation	Ambient Air Particulate Soil Inhalation Criteria			
Metals (mg/kg)								
Arsenic	2,000	7.6	NLV	NLV	720	**6.9**	**5.7**	**5.2**
Selenium	78,000	2,600	NLV	NLV	130,000	0.5 U	0.5 U	0.5 U
Silver	200,000	2,500	NLV	NLV	6,700	0.25 U	0.25 U	**0.5**
Mercury	47	160	48	52	20,000	0.05 U	0.05 U	0.05 U
Barium	1.0E+06 (D)	37,000	NLV	NLV	330,000	**89**	**48**	**120**
Cadmium	230,000	550	NLV	NLV	1,700	2.0 U	2.0 U	2.0 U
Chromium	140,000	2,500	NLV	NLV	260	**22**	**15**	**19**
Copper	1.0E+06 (D)	20,000	NLV	NLV	130,000	**18**	**16**	**35**
Lead	ID	400	NLV	NLV	100,000	**14**	**8.4**	**130**
Zinc	1.0E+06 (D)	170,000	NLV	NLV	ID	**60**	**48**	**110**

Table TM 1-11.1
Metals in Soil/Sediment (Residental Criteria)
Spring 2004
Carter Color Coat
Detroit, Michigan

Sample Location:						SWMU1 SB1 (4-6)	SWMU1 SB1 (10-12)	SWMU1 SB2 (0-2)
Sample Date:						4/26/2004	4/26/2004 Duplicate	5/4/2004
	MDEQ PART 201 RESIDENTIAL CLEANUP CRITERIA							
	Groundwater Contact Protection Criteria	Direct Contact Residential & Commercial I	Volatilization to Indoor Air	Ambient Air Infinite Source Volatile Soil Inhalation	Ambient Air Particulate Soil Inhalation Criteria			
Metals (mg/kg)								
Arsenic	2,000	7.6	NLV	NLV	720	**5.7**	**8.3**	**5.1**
Selenium	78,000	2,600	NLV	NLV	130,000	0.5 U	0.5 U	0.5 U
Silver	200,000	2,500	NLV	NLV	6,700	0.25 U	0.25 U	0.25 U
Mercury	47	160	48	52	20,000	0.05 U	0.05 U	0.05 U
Barium	1.0E+06 (D)	37,000	NLV	NLV	330,000	**45**	**50**	**32**
Cadmium	230,000	550	NLV	NLV	1,700	2.0 U	2.0 U	2.0 U
Chromium	140,000	2,500	NLV	NLV	260	**15**	**18**	**12**
Copper	1.0E+06 (D)	20,000	NLV	NLV	130,000	**16**	**18**	**14**
Lead	ID	400	NLV	NLV	100,000	**9.5**	**8.9**	**7.3**
Zinc	1.0E+06 (D)	170,000	NLV	NLV	ID	**46**	**51**	**37**

Prepared by: K. Book
Checked by: M. McGowan

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Table TM 1-11.1
Metals in Soil/Sediment (Residental Criteria)
Spring 2004
Carter Color Coat
Detroit, Michigan

Sample Location:						SWMU1 SB2 (8-10)	SWMU1 SB3 (0-2)	SWMU1 SB3 (2-4)
Sample Date:						4/26/2004	4/27/2004	4/27/2004 Duplicate
	MDEQ PART 201 RESIDENTIAL CLEANUP CRITERIA							
	Groundwater Contact Protection Criteria	Direct Contact Residential & Commercial I	Volatilization to Indoor Air	Ambient Air Infinite Source Volatile Soil Inhalation	Ambient Air Particulate Soil Inhalation Criteria			
Metals (mg/kg)								
Arsenic	2,000	7.6	NLV	NLV	720	**5.3**	**2.0**	**9.2**
Selenium	78,000	2,600	NLV	NLV	130,000	0.5 U	0.5 U	0.5 U
Silver	200,000	2,500	NLV	NLV	6,700	0.25 U	0.25 U	0.25 U
Mercury	47	160	48	52	20,000	0.05 U	0.05 U	0.05 U
Barium	1.0E+06 (D)	37,000	NLV	NLV	330,000	**33**	**73**	**81**
Cadmium	230,000	550	NLV	NLV	1,700	2.0 U	2.0 U	2.0 U
Chromium	140,000	2,500	NLV	NLV	260	**12**	**17**	**21**
Copper	1.0E+06 (D)	20,000	NLV	NLV	130,000	**14**	**26**	**20**
Lead	ID	400	NLV	NLV	100,000	**8.3**	**16**	**16**
Zinc	1.0E+06 (D)	170,000	NLV	NLV	ID	**38**	**52**	**47**

Table TM 1-11.1
Metals in Soil/Sediment (Residental Criteria)
Spring 2004
Carter Color Coat
Detroit, Michigan

Sample Location:						SWMU1 SB3 (7-9)	SWMU1 SB4 (0-2)	SWMU1 SB4 (6-8)
Sample Date:						4/27/2004	4/26/2004	4/26/2004
	MDEQ PART 201 RESIDENTIAL CLEANUP CRITERIA							
	Groundwater Contact Protection Criteria	Direct Contact Residential & Commercial I	Volatilization to Indoor Air	Ambient Air Infinite Source Volatile Soil Inhalation	Ambient Air Particulate Soil Inhalation Criteria			
Metals (mg/kg)								
Arsenic	2,000	7.6	NLV	NLV	720	**8.5**	**1.4**	**4.6**
Selenium	78,000	2,600	NLV	NLV	130,000	0.5 U	0.5 U	0.5 U
Silver	200,000	2,500	NLV	NLV	6,700	0.25 U	0.25 U	0.25 U
Mercury	47	160	48	52	20,000	0.05 U	0.05 U	0.05 U
Barium	1.0E+06 (D)	37,000	NLV	NLV	330,000	**61**	**58**	**45**
Cadmium	230,000	550	NLV	NLV	1,700	2.0 U	2.0 U	2.0 U
Chromium	140,000	2,500	NLV	NLV	260	**18**	**15**	**15**
Copper	1.0E+06 (D)	20,000	NLV	NLV	130,000	**18**	**9.0**	**16**
Lead	ID	400	NLV	NLV	100,000	**12**	**11**	**8.5**
Zinc	1.0E+06 (D)	170,000	NLV	NLV	ID	**51**	**41**	**48**

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Prepared by: K. Book
Checked by: M. McGowan

Table TM 1-11.1
Metals in Soil/Sediment (Residental Criteria)
Spring 2004
Carter Color Coat
Detroit, Michigan

Sample Location:						SWMU1 SB5 (2-4)	SWMU1 SB5 (7-9)	SWMU1 SB6 (1-3)
Sample Date:						4/26/2004	4/26/2004	4/27/2004
	MDEQ PART 201 RESIDENTIAL CLEANUP CRITERIA							
	Groundwater Contact Protection Criteria	Direct Contact Residential & Commercial I	Volatilization to Indoor Air	Ambient Air Infinite Source Volatile Soil Inhalation	Ambient Air Particulate Soil Inhalation Criteria			
Metals (mg/kg)								
Arsenic	2,000	7.6	NLV	NLV	720	**2.0**	**9.2**	**10.2**
Selenium	78,000	2,600	NLV	NLV	130,000	0.5 U	0.5 U	0.5 U
Silver	200,000	2,500	NLV	NLV	6,700	0.25 U	0.25 U	0.25 U
Mercury	47	160	48	52	20,000	0.05 U	0.05 U	0.05 U
Barium	1.0E+06 (D)	37,000	NLV	NLV	330,000	**53**	**57**	**79**
Cadmium	230,000	550	NLV	NLV	1,700	2.0 U	2.0 U	2.0 U
Chromium	140,000	2,500	NLV	NLV	260	**15**	**16**	**21**
Copper	1.0E+06 (D)	20,000	NLV	NLV	130,000	**8.9**	**19**	**20**
Lead	ID	400	NLV	NLV	100,000	**10**	**11**	**19**
Zinc	1.0E+06 (D)	170,000	NLV	NLV	ID	**46**	**49**	**63**

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Prepared by: K. Book
Checked by: M. McGowan

Table TM 1-11.1
Metals in Soil/Sediment (Residental Criteria)
Spring 2004
Carter Color Coat
Detroit, Michigan

Sample Location:						SWMU1 SB6 (8-10)	SWMU1 SB7 (1-3)	SWMU1 SB7 (5-7)
Sample Date:						4/27/2004	4/27/2004	4/27/2004
	MDEQ PART 201 RESIDENTIAL CLEANUP CRITERIA							
	Groundwater Contact Protection Criteria	Direct Contact Residential & Commercial I	Volatilization to Indoor Air	Ambient Air Infinite Source Volatile Soil Inhalation	Ambient Air Particulate Soil Inhalation Criteria			
Metals (mg/kg)								
Arsenic	2,000	7.6	NLV	NLV	720	**7.0**	**2.4**	**6.7**
Selenium	78,000	2,600	NLV	NLV	130,000	0.5 U	0.5 U	0.5 U
Silver	200,000	2,500	NLV	NLV	6,700	0.25 U	0.25 U	0.25 U
Mercury	47	160	48	52	20,000	0.05 U	0.05 U	0.05 U
Barium	1.0E+06 (D)	37,000	NLV	NLV	330,000	**73**	**51**	**50**
Cadmium	230,000	550	NLV	NLV	1,700	2.0 U	2.0 U	2.0 U
Chromium	140,000	2,500	NLV	NLV	260	**16**	**13**	**16**
Copper	1.0E+06 (D)	20,000	NLV	NLV	130,000	**18**	**7.5**	**18**
Lead	ID	400	NLV	NLV	100,000	**11**	**11**	**14**
Zinc	1.0E+06 (D)	170,000	NLV	NLV	ID	**53**	**36**	**49**

Prepared by: K. Book
Checked by: M. McGowan

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Table TM 1-11.1
Metals in Soil/Sediment (Residental Criteria)
Spring 2004
Carter Color Coat
Detroit, Michigan

Sample Location:						SWMU1 SB8 (2-4)	SWMU1 SB8 (6-8)	SWMU5 S1 (1-3)
Sample Date:						4/27/2004	4/27/2004	4/29/2004
	MDEQ PART 201 RESIDENTIAL CLEANUP CRITERIA							
	Groundwater Contact Protection Criteria	Direct Contact Residential & Commercial I	Volatilization to Indoor Air	Ambient Air Infinite Source Volatile Soil Inhalation	Ambient Air Particulate Soil Inhalation Criteria			
Metals (mg/kg)								
Arsenic	2,000	7.6	NLV	NLV	720	**10.4**	**9.0**	**6.8**
Selenium	78,000	2,600	NLV	NLV	130,000	0.5 U	0.5 U	0.5 U
Silver	200,000	2,500	NLV	NLV	6,700	0.25 U	0.25 U	0.25 U
Mercury	47	160	48	52	20,000	0.05 U	0.05 U	0.05 U
Barium	1.0E+06 (D)	37,000	NLV	NLV	330,000	**90**	**61**	**100**
Cadmium	230,000	550	NLV	NLV	1,700	2.0 U	2.0 U	2.0 U
Chromium	140,000	2,500	NLV	NLV	260	**24**	**17**	**22**
Copper	1.0E+06 (D)	20,000	NLV	NLV	130,000	**13**	**18**	**47**
Lead	ID	400	NLV	NLV	100,000	**18**	**13**	**88**
Zinc	1.0E+06 (D)	170,000	NLV	NLV	ID	**67**	**48**	**150**

Table TM 1-11.1
Metals in Soil/Sediment (Residental Criteria)
Spring 2004
Carter Color Coat
Detroit, Michigan

Sample Location:						SWMU5 S1	SWMU5 S2 (1-3)	SWMU5 S3 (1-3)
Sample Date:						4/29/2004 DUPLICATE	4/29/2004	4/29/2004
	MDEQ PART 201 RESIDENTIAL CLEANUP CRITERIA							
	Groundwater Contact Protection Criteria	Direct Contact Residential & Commercial I	Volatilization to Indoor Air	Ambient Air Infinite Source Volatile Soil Inhalation	Ambient Air Particulate Soil Inhalation Criteria			
Metals (mg/kg)								
Arsenic	2,000	7.6	NLV	NLV	720	**5.4**	**5.0**	**7.5**
Selenium	78,000	2,600	NLV	NLV	130,000	**0.7**	**1.1**	0.5 U
Silver	200,000	2,500	NLV	NLV	6,700	0.25 U	0.25 U	0.25 U
Mercury	47	160	48	52	20,000	**0.13**	**0.08**	0.05 U
Barium	1.0E+06 (D)	37,000	NLV	NLV	330,000	**83**	**90**	**83**
Cadmium	230,000	550	NLV	NLV	1,700	2.0 U	2.0 U	2.0 U
Chromium	140,000	2,500	NLV	NLV	260	**21**	**17**	**19**
Copper	1.0E+06 (D)	20,000	NLV	NLV	130,000	**510**	**47**	**140**
Lead	ID	400	NLV	NLV	100,000	**110**	**100**	**55**
Zinc	1.0E+06 (D)	170,000	NLV	NLV	ID	**530**	**110**	**230**

Table TM 1-11.1
Metals in Soil/Sediment (Residental Criteria)
Spring 2004
Carter Color Coat
Detroit, Michigan

Sample Location:						SWMU5 S3 (1-3)	SWMU6 S1 (1-3)	SWMU6 S2 (1-3)
Sample Date:						4/29/2004 DUPLICATE	4/29/2004	4/29/2004
	MDEQ PART 201 RESIDENTIAL CLEANUP CRITERIA							
	Groundwater Contact Protection Criteria	Direct Contact Residential & Commercial I	Volatilization to Indoor Air	Ambient Air Infinite Source Volatile Soil Inhalation	Ambient Air Particulate Soil Inhalation Criteria			
Metals (mg/kg)								
Arsenic	2,000	7.6	NLV	NLV	720	**7.4**	**6.0**	**2.8**
Selenium	78,000	2,600	NLV	NLV	130,000	0.5 U	**0.8**	**0.9**
Silver	200,000	2,500	NLV	NLV	6,700	0.25 U	0.25 U	0.25 U
Mercury	47	160	48	52	20,000	0.05 U	0.05 U	0.05 U
Barium	1.0E+06 (D)	37,000	NLV	NLV	330,000	**81**	**150**	**130**
Cadmium	230,000	550	NLV	NLV	1,700	2.0 U	2.0 U	2.0 U
Chromium	140,000	2,500	NLV	NLV	260	**18**	**26**	**9.7**
Copper	1.0E+06 (D)	20,000	NLV	NLV	130,000	**180**	**38**	**23**
Lead	ID	400	NLV	NLV	100,000	**48**	**120**	**28**
Zinc	1.0E+06 (D)	170,000	NLV	NLV	ID	**280**	**140**	**34**

Prepared by: K. Book
Checked by: M. McGowan

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TM1-12

SVOCs - Concrete, Soil, and Sediment Samples Exceeding Industrial Part 201 Cleanup Criteria

Spring 2004

Carter Color Coat

Detroit, Michigan

Sample Location:					SWMU5 S3 (1-3)	F1 CS1 (CON)	F1 CS2 (CON)	F2 CS1 (CON)	F2 CS2 (CON)
Sample Date:					4/29/2004	4/28/2004	4/28/2004	4/28/2004	4/28/2004
	MDEQ PART 201 INDUSTRIAL CLEANUP CRITERIA								
	Direct Contact Industrial & Commercial II	Volatilization to Indoor Air	Ambient Air Infinite Source Volatile Soil Inhalation	Ambient Air Particulate Soil Inhalation Criteria					
Semi-Volatile Organic Compounds (ug/Kg)									
Benzo(a)anthracene	80,000	NLV	NLV	ID	9,900	170,000	46,000	39,000	120,000
Benzo(a)pyrene	8,000	NLV	NLV	1.90E+06	8,300	160,000	45,000	19,000	94,000
Benzo(b)fluoranthene	80,000	NLV	NLV	ID	9,200	200,000	85,000	35,000	160,000
Dibenzo(a,h)anthracene	8,000	NLV	NLV	ID	2,400 U	37,000	8,800	2,100 U	11,000
Indeno(1,2,3-cd)pyrene	80,000	NLV	NLV	ID	5,000	100,000	20,000	11,000	36,000

Prepared by: K. Book
Checked by: M. McGowan

TM1-12

SVOCs - Concrete, Soil, and Sediment Samples Exceeding Industrial Part 201 Cleanup Criteria

Spring 2004

Carter Color Coat

Detroit, Michigan

Sample Location:					F3 CS 2 (CON)	F4 CS 1 (CON)	F4 CS 2 (CON)	F4 CS 3 (CON)	F5 CS 1 (CON)
Sample Date:					4/27/2004	4/27/2004	4/27/2004	4/27/2004	4/27/2004
	MDEQ PART 201 INDUSTRIAL CLEANUP CRITERIA								
	Direct Contact Industrial & Commercial II	Volatilization to Indoor Air	Ambient Air Infinite Source Volatile Soil Inhalation	Ambient Air Particulate Soil Inhalation Criteria					
Semi-Volatile Organic Compounds (ug/Kg)									
Benzo(a)anthracene	80,000	NLV	NLV	ID	41,000	63,000	76,000	400,000	81,000
Benzo(a)pyrene	8,000	NLV	NLV	1.90E+06	24,000	37,000	48,000	350,000	60,000
Benzo(b)fluoranthene	80,000	NLV	NLV	ID	33,000	60,000	82,000	400,000	93,000
Dibenzo(a,h)anthracene	8,000	NLV	NLV	ID	2,200 U	9,700	22,000 U	25,000	14,000
Indeno(1,2,3-cd)pyrene	80,000	NLV	NLV	ID	15,000	28,000	22,000 U	210,000	43,000

Prepared by: K. Book
Checked by: M. McGowan

TM1-12.1
SVOCs - Concrete, Soil, and Sediment Samples Exceeding Applicable Residential Part 201 Cleanup Criteria
Spring 2004
Carter Color Coat
Detroit, Michigan

Sample Location:						SWMU5 S2 (1-3)	SWMU5 S3 (1-3)	F1 CS1 (CON)	F1 CS2 (CON)
Sample Date:						4/29/2004	4/29/2004	4/28/2004	4/28/2004
	MDEQ PART 201 RESIDENTIAL CLEANUP CRITERIA								
	Groundwater Contact Protection Criteria	Direct Contact Residential & Commercial I	Volatilization to Indoor Air Inhalation	Ambient Air Infinite Source Volatile Soil Inhalation	Ambient Air Particulate Soil Inhalation Criteria				
Semi-Volatile Organic Compounds (ug/Kg)									
Benzo(a)anthracene	NLL	20,000	NLV	NLV	ID	**3,300**	**9,900**	**170,000**	**46,000**
Benzo(a)pyrene	NLL	2,000	NLV	NLV	1.50E+06	**2,600**	**8,300**	**160,000**	**45,000**
Benzo(b)fluoranthene	NLL	20,000	ID	ID	ID	**2,900**	**9,200**	**200,000**	**85,000**
Dibenzo(a,h)anthracene	NLL	2,000	NLV	NLV	ID	2,600 U	2,400 U	**37,000**	**8,800**
Indeno(1,2,3-cd)pyrene	NLL	20,000	NLV	NLV	ID	2,600 U	**5,000**	**100,000**	**20,000**
Phenanthrene	1.10E+06	1.60E+06	2.80E+06	1.60E+05	6.70E+06	**4,600**	**5,700**	**29,000**	**52,000**

TM1-12.1
SVOCs - Concrete, Soil, and Sediment Samples Exceeding Applicable Residential Part 201 Cleanup Criteria
Spring 2004
Carter Color Coat
Detroit, Michigan

Sample Location:						F1 CS3 (CON)	F2 CS1 (CON)	F2 CS2 (CON)	F2 CS3 (CON)
Sample Date:						4/28/2004	4/28/2004	4/28/2004	4/28/2004
	MDEQ PART 201 RESIDENTIAL CLEANUP CRITERIA								
	Groundwater Contact Protection Criteria	Direct Contact Residential & Commercial I	Volatilization to Indoor Air Inhalation	Ambient Air Infinite Source Volatile Soil Inhalation	Ambient Air Particulate Soil Inhalation Criteria				
Semi-Volatile Organic Compounds (ug/Kg)									
Benzo(a)anthracene	NLL	20,000	NLV	NLV	ID	**8,100**	**39,000**	**120,000**	**6,100**
Benzo(a)pyrene	NLL	2,000	NLV	NLV	1.50E+06	**3,000**	**19,000**	**94,000**	**5,100**
Benzo(b)fluoranthene	NLL	20,000	ID	ID	ID	**9,500**	**35,000**	**160,000**	**5,900**
Dibenzo(a,h)anthracene	NLL	2,000	NLV	NLV	ID	**920**	2,100 U	**11,000**	210 U
Indeno(1,2,3-cd)pyrene	NLL	20,000	NLV	NLV	ID	**2,200**	**11,000**	**36,000**	**2,600**
Phenanthrene	1.10E+06	1.60E+06	2.80E+06	1.60E+05	6.70E+06	**29,000**	**110,000**	**130,000**	**11,000**

TM1-12.1
SVOCs - Concrete, Soil, and Sediment Samples Exceeding Applicable Residential Part 201 Cleanup Criteria
Spring 2004
Carter Color Coat
Detroit, Michigan

Sample Location:						F3 CS 1 (CON)	F3 CS 2 (CON)	F3 CS 3 (CON)	F4 CS 1 (CON)
Sample Date:						4/27/2004	4/27/2004	4/27/2004	4/27/2004
	MDEQ PART 201 RESIDENTIAL CLEANUP CRITERIA								
	Groundwater Contact Protection Criteria	Direct Contact Residential & Commercial I	Volatilization to Indoor Air Inhalation	Ambient Air Infinite Source Volatile Soil Inhalation	Ambient Air Particulate Soil Inhalation Criteria				
Semi-Volatile Organic Compounds (ug/Kg)									
Benzo(a)anthracene	NLL	20,000	NLV	NLV	ID	**8,200**	**41,000**	**5,600**	**63,000**
Benzo(a)pyrene	NLL	2,000	NLV	NLV	1.50E+06	**3,800**	**24,000**	**3,600**	**37,000**
Benzo(b)fluoranthene	NLL	20,000	ID	ID	ID	**6,700**	**33,000**	**5,100**	**60,000**
Dibenzo(a,h)anthracene	NLL	2,000	NLV	NLV	ID	**1,000**	2,200 U	**720**	**9,700**
Indeno(1,2,3-cd)pyrene	NLL	20,000	NLV	NLV	ID	**2,900**	**15,000**	**1,900**	**28,000**
Phenanthrene	1.10E+06	1.60E+06	2.80E+06	1.60E+05	6.70E+06	**60,000**	**67,000**	**9,300**	**160,000**

TM1-12.1
SVOCs - Concrete, Soil, and Sediment Samples Exceeding Applicable Residential Part 201 Cleanup Criteria
Spring 2004
Carter Color Coat
Detroit, Michigan

Sample Location:						F4 CS 2 (CON)	F4 CS 3 (CON)	F5 CS 1 (CON)
Sample Date:						4/27/2004	4/27/2004	4/27/2004
	MDEQ PART 201 RESIDENTIAL CLEANUP CRITERIA							
	Groundwater Contact Protection Criteria	Direct Contact Residential & Commercial I	Volatilization to Indoor Air Inhalation	Ambient Air Infinite Source Volatile Soil Inhalation	Ambient Air Particulate Soil Inhalation Criteria			
Semi-Volatile Organic Compounds (ug/Kg)								
Benzo(a)anthracene	NLL	20,000	NLV	NLV	ID	**76,000**	**400,000**	**81,000**
Benzo(a)pyrene	NLL	2,000	NLV	NLV	1.50E+06	**48,000**	**350,000**	**60,000**
Benzo(b)fluoranthene	NLL	20,000	ID	ID	ID	**82,000**	**400,000**	**93,000**
Dibenzo(a,h)anthracene	NLL	2,000	NLV	NLV	ID	22,000 U	**25,000**	**14,000**
Indeno(1,2,3-cd)pyrene	NLL	20,000	NLV	NLV	ID	22,000 U	**210,000**	**43,000**
Phenanthrene	1.10E+06	1.60E+06	2.80E+06	1.60E+05	6.70E+06	**300,000**	**810,000**	**270,000**

TM1-13

PCBs- Concrete, Soil, and Sediment Samples Exceeding Applicable Residential/Industrial Part 201 Cleanup Criteria

Spring 2004

Carter Color Coat

Detroit, Michigan

Sample Location:					SWMU3 CS1		SWMU5 CS1		SWMU5 CS2		SWMU5 CS3		SWMU6 CS1	
Sample Date:					4/29/2004		4/29/2004		4/29/2004		4/29/2004		4/28/2004	
	MDEQ PART 201 INDUSTRIAL CLEANUP CRITERIA													
	Direct Contact Industrial & Commercial II	Volatilization to Indoor Air	Ambient Air Infinite Source Volatile Soil Inhalation	Ambient Air Particulate Soil Inhalation Criteria										
Polychlorinated Biphenyls (ug/kg)														
Aroclor-1254	1,000 (T)	1.60E+07	8.10E+05	6.50E+06	**11,000**	D, J, K	**1,000**	D,1	**350**	D	1,200	K	**920**	D
Aroclor-1260	1,000 (T)	1.60E+07	8.10E+05	6.50E+06	10,000	K	520	K,1	210	K	1,200	K	**610**	D
Aroclor-1268	1,000 (T)	1.60E+07	8.10E+05	6.50E+06	10,000	K	**1,800**	D,1	**950**	D	**4,300**	D 2	530	K

Sample Location:					SWMU3 CS1		SWMU5 CS1		SWMU5 CS2		SWMU5 CS3		SWMU6 CS1	
Sample Date:					4/29/2004		4/29/2004		4/29/2004		4/29/2004		4/28/2004	
	MDEQ PART 201 RESIDENTIAL CLEANUP CRITERIA													
	Direct Contact Residential & Commercial I	Volatilization to Indoor Air	Ambient Air Infinite Source Volatile Soil Inhalation	Ambient Air Particulate Soil Inhalation Criteria										
Polychlorinated Biphenyls (ug/kg)														
Aroclor-1254	1,000 (T)	3.00E+06	2.40E+05	5.20E+06	**11,000**	D, J, K	**1,000**	D,1	**350**	D	1,200	K	**920**	D
Aroclor-1260	1,000 (T)	3.00E+06	2.40E+05	5.20E+06	10,000	K	520	K,1	210	K	1,200	K	**610**	D
Aroclor-1268	1,000 (T)	3.00E+06	2.40E+05	5.20E+06	10,000	K	**1,800**	D,1	**950**	D	**4,300**	D 2	530	K

Prepared by: K. Book
Checked by: M. McGowan

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TM1-14

Metals - Concrete, Soil, and Sediment Samples Exceeding Applicable Residential/Industrial Part 201 Cleanup Criteria

Spring 2004

Carter Color Coat

Detroit, Michigan

Sample Location:						SWMU1 SB7 (CON)	SWMU3 CS1	F2 CS2
Sample Date:						4/27/2004	4/29/2004	4/28/2004
	MDEQ PART 201 RESIDENTIAL CLEANUP CRITERIA							
	Groundwater Contact Protection Criteria	Direct Contact Industrial & Commercial II	Volatilization to Indoor Air	Ambient Air Infinite Source Volatile Soil Inhalation	Ambient Air Particulate Soil Inhalation Criteria			
Metals (mg/kg)								
Arsenic	2,000	7.6	NLV	NLV	720	**9.2**	**4.1**	**5.4**
Lead	ID	400	NLV	NLV	100,000	**11**	**730**	**620**

Prepared by: K. Book
Checked by: M. McGowan

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TM1-14

Metals - Concrete, Soil, and Sediment Samples Exceeding Applicable Residential/Industrial Part 201 Cleanup Criteria

Spring 2004

Carter Color Coat

Detroit, Michigan

Sample Location:						SWMU5 CS3 (CON)	UST SB4 (7-9)	SWMU1 SB1 (10-12)
Sample Date:						4/29/2004 Duplicate	4/26/2004	4/26/2004
	MDEQ PART 201 RESIDENTIAL CLEANUP CRITERIA							
	Groundwater Contact Protection Criteria	Direct Contact Industrial & Commercial II	Volatilization to Indoor Air	Ambient Air Infinite Source Volatile Soil Inhalation	Ambient Air Particulate Soil Inhalation Criteria			
Metals (mg/kg)								
Arsenic	2,000	7.6	NLV	NLV	720	**3.9**	**9.5**	**8.3**
Lead	ID	400	NLV	NLV	100,000	**480**	**12**	**8.9**

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TM1-14

Metals - Concrete, Soil, and Sediment Samples Exceeding Applicable Residential/Industrial Part 201 Cleanup Criteria

Spring 2004

Carter Color Coat

Detroit, Michigan

Sample Location:						SWMU1 SB3 (2-4)	SWMU1 SB3 (7-9)	SWMU1 SB5 (7-9)
Sample Date:						4/27/2004 Duplicate	4/27/2004	4/26/2004
	MDEQ PART 201 RESIDENTIAL CLEANUP CRITERIA							
	Groundwater Contact Protection Criteria	Direct Contact Industrial & Commercial II	Volatilization to Indoor Air	Ambient Air Infinite Source Volatile Soil Inhalation	Ambient Air Particulate Soil Inhalation Criteria			
Metals (mg/kg)								
Arsenic	2,000	7.6	NLV	NLV	720	**9.2**	**8.5**	**9.2**
Lead	ID	400	NLV	NLV	100,000	**16**	**12**	**11**

Prepared by: K. Book
Checked by: M. McGowan

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TM1-14

Metals - Concrete, Soil, and Sediment Samples Exceeding Applicable Residential/Industrial Part 201 Cleanup Criteria

Spring 2004

Carter Color Coat

Detroit, Michigan

Sample Location:						SWMU1 SB6 (1-3)	SWMU1 SB8 (2-4)	SWMU1 SB8 (6-8)
Sample Date:						4/27/2004	4/27/2004	4/27/2004
	MDEQ PART 201 RESIDENTIAL CLEANUP CRITERIA							
	Groundwater Contact Protection Criteria	Direct Contact Industrial & Commercial II	Volatilization to Indoor Air	Ambient Air Infinite Source Volatile Soil Inhalation	Ambient Air Particulate Soil Inhalation Criteria			
Metals (mg/kg)								
Arsenic	2,000	7.6	NLV	NLV	720	**10.2**	**10.4**	**9.0**
Lead	ID	400	NLV	NLV	100,000	**19**	**18**	**13**

Prepared by: K. Book
Checked by: M. McGowan

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Table TM 1-15
Compounds in Solids (RCRA Criteria)
Spring 2004
Carter Color Coat
Detroit, Michigan

Sample Location:		SWMU1 SB1 (CON)	SWMU1 SB2 (CON)	SWMU1 SB3 (CON)	SWMU1 SB3 (CON)	SWMU1 SB4 (CON)	SWMU1 SB5 (CON)
Sample Date:		4/26/2004	4/26/2004	4/26/2004	04/27/04	4/26/2004	4/26/2004
					DUPLICATE		
	CLEANUP CRITERIA						
	20Xs RCRA Regulatory Limit						
(ug/kg)							
1,1-Dichloroethylene	14,000						
1,2-Dichloroethane	10,000						
1,4-Dichlorobenzene	150,000	100 U	120 U	100 U	110 U	100 U	100 U
2,4,5-TP (Silvex)	20,000						
2,4,5-Trichlorophenol	8,000,000	340 U	400 U	340 U	350 U	340 U	340 U
2,4,6-Trichlorophenol	40,000	340 U	400 U	340 U	350 U	340 U	340 U
2,4-D	200,000						
2,4-Dinitrotoluene	260,000	340 U	400 U	340 U	350 U	340 U	340 U
Arsenic	100,000	**3,800**	**3,800**	**4,000**	**3,900**	**4,900**	**4,400**
Barium	2,000,000	**220,000**	**140,000**	**92,000**	**140,000**	**41,000**	**42,000**
Benzene	10,000						
Cadmium	20,000	2,000 U	2,000 U	2,000 U	2,000 U	2,000 U	2,000 U
Carbon tetrachloride	10,000						
Chlordane	600						
Chlorobenzene	2,000,000						
Chloroform	120,000						
Chromium	100,000	**14,000**	**16,000**	**16,000**	**15,000**	**17,000**	**16,000**
Cresol	4,000,000						
Endrin	400						
Heptachlor (and its hydroxide)	160						
Hexachloro-1,3-butadiene	10,000						
Hexachlorobenzene	2,600	210 U	240 U	210 U	210 U	210 U	200 U
Hexachloroethane	60,000	100 U	120 U	100 U	110 U	100 U	100 U
Lead	100,000	**12,000**	5,000 U	5,000 U	**15,000**	5,000 U	5,000 U
Lindane	8,000						
m-Cresol	4,000,000						
Mercury	4,000	50 U	50 U	50 U	50 U	50 U	50 U
Methoxychlor	200,000						
Methyl ethyl ketone	4,000,000						
Nitrobenzene	40,000	210 U	240 U	210 U	210 U	210 U	200 U
o-Cresol	4,000,000						
p-Cresol	4,000,000						
Pentachlorophenol	2,000,000	3,500 U	4,100 U	3,500 U	3,600 U	3,500 U	3,500 U
Pyridine	100,000						
Selenium	20,000	**1,300**	**800**	**600**	**1,000**	500 U	500 U
Silver	100,000	**11,000**	**13,000**	**7,100**	**2,200**	**25,000**	**58,000**
Tetrachloroethylene	14,000						
Toxaphene	10,000						
Trichloroethylene	10,000						
Vinyl chloride	4,000						

Prepared by K. Brock
Checked by M. McGowan

Table TM 1-15
Compounds in Solids (RCRA Criteria)
Spring 2004
Carter Color Coat
Detroit, Michigan

Sample Location:		SWMU1 SB6 (CON)	SWMU1 SB7 (CON)	SWMU1 SB8 (CON)	SWMU1 SB1 (1-3)	SWMU1 SB1 (4-6)	SWMU1 SB1 (10-12)
Sample Date:		04/27/04	04/27/04	04/27/04	4/26/2004	4/26/2004	4/26/2004
	CLEANUP CRITERIA 20Xs RCRA Regulatory Limit						
(ug/kg)							
1,1-Dichloroethylene	14,000				60 U		62 U
1,2-Dichloroethane	10,000				60 U		62 U
1,4-Dichlorobenzene	150,000	100 U	100 U	100 U	60 U	110 U	62 U
2,4,5-TP (Silvex)	20,000						
2,4,5-Trichlorophenol	8,000,000	350 U	340 U	350 U	390 U	380 U	390 U
2,4,6-Trichlorophenol	40,000	350 U	340 U	350 U	390 U	380 U	390 U
2,4-D	200,000						
2,4-Dinitrotoluene	260,000	350 U	340 U	350 U	390 U	380 U	390 U
Arsenic	100,000	**4,400**	**9,200**	**4,000**	**5,200**	**5,700**	**8,300**
Barium	2,000,000	**41,000**	**46,000**	**140,000**	**120,000**	**45,000**	**50,000**
Benzene	10,000				60 U		62 U
Cadmium	20,000	2,000 U	2,000 U	2,000 U	2,000 U	2,000 U	2,000 U
Carbon tetrachloride	10,000				60 U		62 U
Chlordane	600						
Chlorobenzene	2,000,000				60 U		62 U
Chloroform	120,000				60 U		62 U
Chromium	100,000	**17,000**	**19,000**	**17,000**	**19,000**	**15,000**	**18,000**
Cresol	4,000,000						
Endrin	400						
Heptachlor (and its hydroxide)	160						
Hexachloro-1,3-butadiene	10,000						
Hexachlorobenzene	2,600	210 U	210 U	210 U	240 U	230 U	240 U
Hexachloroethane	60,000	100 U	100 U	100 U	120 U	110 U	120 U
Lead	100,000	**5,800**	**11,000**	**7,200**	**130,000**	**9,500**	**8,900**
Lindane	8,000						
m-Cresol	4,000,000						
Mercury	4,000	50 U	50 U	50 U	50 U	50	50 U
Methoxychlor	200,000						
Methyl ethyl ketone	4,000,000						
Nitrobenzene	40,000	210 U	210 U	210 U	240 U	230 U	240 U
o-Cresol	4,000,000						
p-Cresol	4,000,000						
Pentachlorophenol	2,000,000	3,600 U	3,500 U	3,600 U	4,000 U	3,900 U	4,100 U
Pyridine	100,000						
Selenium	20,000	500 U	500 U	**800**	500 U	500 U	500 U
Silver	100,000	**6,200**	**25,000**	**3,000**	**500**	250 U	250 U
Tetrachloroethylene	14,000				60 U		62 U
Toxaphene	10,000						
Trichloroethylene	10,000				60 U		62 U
Vinyl chloride	4,000				48 U		49 U

Prepared by K. Book
Checked by M. McGowan

Table TM 1-15
Compounds in Solids (RCRA Criteria)
Spring 2004
Carter Color Coat
Detroit, Michigan

Sample Location:		SWMU1 SB2	SWMU1 SB2	SWMU1 SB3	SWMU1 SB3	SWMU1 SB3	SWMU1 SB4
		(0-2)	(8-10)	(0-2)	(2-4)	(7-9)	(0-2)
Sample Date:		4/26/2004	4/26/2004	4/27/2004	4/27/2004	4/27/2004	4/26/2004
					DUPLICATE		
	CLEANUP CRITERIA 20Xs RCRA Regulatory Limit						
(ug/kg)							
1,1-Dichloroethylene	14,000	53 U	56 U	67 U	59 U	58 U	59 U
1,2-Dichloroethane	10,000	53 U	56 U	67 U	59 U	58 U	59 U
1,4-Dichlorobenzene	150,000	53 U	56 U	67 U	59 U	58 U	59 U
2,4,5-TP (Silvex)	20,000						
2,4,5-Trichlorophenol	8,000,000	360 U	380 U	420 U	390 U	390 U	410 U
2,4,6-Trichlorophenol	40,000	360 U	380 U	420 U	390 U	390 U	410 U
2,4-D	200,000						
2,4-Dinitrotoluene	260,000	360 U	380 U	420 U	390 U	390 U	410 U
Arsenic	100,000	**5,100**	**5,300**	**2,000**	**9,200**	**8,500**	**1,400**
Barium	2,000,000	**32,000**	**33,000**	**73,000**	**81,000**	**61,000**	**58,000**
Benzene	10,000	53 U	56 U	67 U	59 U	58 U	59 U
Cadmium	20,000	2,000 U	2,000 U	2,000 U	2,000 U	2,000 U	2,000 U
Carbon tetrachloride	10,000	53 U	56 U	67 U	59 U	58 U	59 U
Chlordane	600						
Chlorobenzene	2,000,000	53 U	56 U	67 U	59 U	58 U	59 U
Chloroform	120,000	53 U	56 U	67 U	59 U	58 U	59 U
Chromium	100,000	**12,000**	**12,000**	**17,000**	**21,000**	**18,000**	**15,000**
Cresol	4,000,000						
Endrin	400						
Heptachlor (and its hydroxide)	160						
Hexachloro-1,3-butadiene	10,000						
Hexachlorobenzene	2,600	220 U	230 U	260 U	240 U	240 U	250 U
Hexachloroethane	60,000	110 U	120 U	130 U	120 U	120 U	120 U
Lead	100,000	**7,300**	**8,300**	**16,000**	**16,000**	**12,000**	**11,000**
Lindane	8,000						
m-Cresol	4,000,000						
Mercury	4,000	50 U	50 U	50 U	50 U	50 U	50 U
Methoxychlor	200,000						
Methyl ethyl ketone	4,000,000						
Nitrobenzene	40,000	220 U	230 U	260 U	240 U	240 U	250 U
o-Cresol	4,000,000						
p-Cresol	4,000,000						
Pentachlorophenol	2,000,000	3,700 U	3,900 U	4,400 U	4,100 U	4,100 U	4,200 U
Pyridine	100,000						
Selenium	20,000	500 U	500 U	500 U	500 U	500 U	500 U
Silver	100,000	250 U	250 U	250 U	250 U	250 U	250 U
Tetrachloroethylene	14,000	53 U	56 U	67 U	59 U	58 U	59 U
Toxaphene	10,000						
Trichloroethylene	10,000	53 U	56 U	67 U	59 U	58 U	59 U
Vinyl chloride	4,000	42 U	45 U	54 U	47 U	46 U	47 U

Prepared by: K. Book
Checked by: M. McGowan

Table TM 1-15
Compounds in Solids (RCRA Criteria)
Spring 2004
Carter Color Coat
Detroit, Michigan

Sample Location:		SWMU1 SB4	SWMU1 SB4	SWMU1 SB5	SWMU1 SB5	SWMU1 SB6	SWMU1 SB6
		(6-8)	(7-9)	(2-4)	(7-9)	(1-3)	(8-10)
Sample Date:		4/26/2004	06/30/04	4/26/2004	4/26/2004	4/27/2004	4/27/2004
	CLEANUP CRITERIA						
	20Xs RCRA Regulatory Limit						
(ug/kg)							
1,1-Dichloroethylene	14,000	56 U		61 U	54 U	63 U	68 U
1,2-Dichloroethane	10,000	56 U		61 U	54 U	63 U	68 U
1,4-Dichlorobenzene	150,000	56 U	110 U	61 U	54 U	63 U	68 U
2,4,5-TP (Silvex)	20,000						
2,4,5-Trichlorophenol	8,000,000	380 U	370 U	400 U	380 U	400 U	370 U
2,4,6-Trichlorophenol	40,000	380 U	370 U	400 U	380 U	400 U	370 U
2,4-D	200,000						
2,4-Dinitrotoluene	260,000	380 U	370 U	400 U	380 U	400 U	370 U
Arsenic	100,000	**4,600**		**2,000**	**9,200**	**10,200**	**7,000**
Barium	2,000,000	**45,000**		**53,000**	**57,000**	**79,000**	**73,000**
Benzene	10,000	56 U		61 U	54 U	63 U	68 U
Cadmium	20,000	2,000 U		2,000 U	2,000 U	2,000 U	2,000 U
Carbon tetrachloride	10,000	56 U		61 U	54 U	63 U	68 U
Chlordane	600						
Chlorobenzene	2,000,000	56 U		61 U	54 U	63 U	68 U
Chloroform	120,000	56 U		61 U	54 U	63 U	68 U
Chromium	100,000	**15,000**		**15,000**	**16,000**	**21,000**	**16,000**
Cresol	4,000,000						
Endrin	400						
Heptachlor (and its hydroxide)	160						
Hexachloro-1,3-butadiene	10,000						
Hexachlorobenzene	2,600	230 U	230 U	240 U	230 U	240 U	230 U
Hexachloroethane	60,000	110 U	110 U	120 U	120 U	120 U	110 U
Lead	100,000	**8,500**		**10,000**	**11,000**	**19,000**	**11,000**
Lindane	8,000						
m-Cresol	4,000,000						
Mercury	4,000	50 U		50 U	50 U	50 U	50 U
Methoxychlor	200,000						
Methyl ethyl ketone	4,000,000						
Nitrobenzene	40,000	230 U	230 U	240 U	230 U	240 U	230 U
o-Cresol	4,000,000						
p-Cresol	4,000,000						
Pentachlorophenol	2,000,000	3,900 U	3,800 U	4,200 U	3,900 U	4,200 U	3,800 U
Pyridine	100,000						
Selenium	20,000	500 U		500 U	500 U	500 U	500 U
Silver	100,000	250 U		250 U	250 U	250 U	250 U
Tetrachloroethylene	14,000	56 U		61 U	54 U	63 U	68 U
Toxaphene	10,000						
Trichloroethylene	10,000	56 U		61 U	54 U	63 U	68 U
Vinyl chloride	4,000	45 U		49 U	43 U	50 U	55 U

Prepared by K. Beck
Checked by M. McGowan

Table TM 1-15
Compounds in Solids (RCRA Criteria)
Spring 2004
Carter Color Coat
Detroit, Michigan

Sample Location:		SWMU1 SB7	SWMU1 SB7	SWMU1 SB8	SWMU1 SB8	SWMU2 CS1	SWMU2 CS2
		(1-3)	(5-7)	(2-4)	(6-8)		
Sample Date:		4/27/2004	4/27/2004	4/27/2004	4/27/2004	04/28/04	04/28/04
	CLEANUP CRITERIA						
(ug/kg)	20Xs RCRA Regulatory Limit						
1,1-Dichloroethylene	14,000	58 U	60 U	60 U	57 U		
1,2-Dichloroethane	10,000	58 U	60 U	60 U	57 U		
1,4-Dichlorobenzene	150,000	58 U	60 U	60 U	57 U	110 U	360 U
2,4,5-TP (Silvex)	20,000						
2,4,5-Trichlorophenol	8,000,000	390 U	380 U	400 U	390 U	350 U	360 U
2,4,6-Trichlorophenol	40,000	390 U	380 U	400 U	390 U	350 U	330 U
2,4-D	200,000						
2,4-Dinitrotoluene	260,000	390 U	380 U	400 U	390 U	350 U	360 U
Arsenic	100,000	**2,400**	**6,700**	**10,400**	**9,000**	**3,700**	**3,900**
Barium	2,000,000	**51,000**	**50,000**	**90,000**	**61,000**	**78,000**	**340,000**
Benzene	10,000	58 U	60 U	60 U	57 U		
Cadmium	20,000	2,000 U	2,000 U	2,000 U	2,000 U	2,000 U	2,000 U
Carbon tetrachloride	10,000	58 U	60 U	60 U	57 U		
Chlordane	600						
Chlorobenzene	2,000,000	58 U	60 U	60 U	57 U		
Chloroform	120,000	58 U	60 U	60 U	57 U		
Chromium	100,000	**13,000**	**16,000**	**24,000**	**17,000**	**12,000**	**17,000**
Cresol	4,000,000						
Endrin	400						
Heptachlor (and its hydroxide)	160						
Hexachloro-1,3-butadiene	10,000						
Hexachlorobenzene	2,600	230 U	230 U	240 U	230 U	210 U	360 U
Hexachloroethane	60,000	120 U	120 U	120 U	120 U	110 U	360 U
Lead	100,000	**11,000**	**14,000**	**18,000**	**13,000**	**12,000**	**7,500**
Lindane	8,000						
m-Cresol	4,000,000						
Mercury	4,000	50 U	50 U	50 U	50 U	50 U	50 U
Methoxychlor	200,000						
Methyl ethyl ketone	4,000,000						
Nitrobenzene	40,000	230 U	230 U	240 U	230 U	210 U	69 U
o-Cresol	4,000,000						
p-Cresol	4,000,000						
Pentachlorophenol	2,000,000	4,000 U	3,900 U	4,100 U	4,000 U	3,600 U	360 U
Pyridine	100,000						
Selenium	20,000	500 U	500 U	500 U	500 U	500 U	500 U
Silver	100,000	250 U	250 U	250 U	250 U	250 U	250 U
Tetrachloroethylene	14,000	58 U	60 U	60 U	57 U		
Toxaphene	10,000						
Trichloroethylene	10,000	58 U	60 U	60 U	57 U		
Vinyl chloride	4,000	46 U	48 U	48 U	46 U		

Prepared by K. Bosh
Checked by M. McGowen

Table TM 1-15
Compounds in Solids (RCRA Criteria)
Spring 2004
Carter Color Coat
Detroit, Michigan

Sample Location:		SWMU3 CS1	SWMU4 CS1	SWMU5 CS1	SWMU5 CS1	SWMU5 CS2	SWMU5 CS2
Sample Date:		04/29/04	04/28/04	04/28/04	04/29/04 DUPLICATE	04/28/04	04/29/04 DUPLICATE
	CLEANUP CRITERIA 20Xs RCRA Regulatory Limit						
(ug/kg)							
1,1-Dichloroethylene	14,000						
1,2-Dichloroethane	10,000						
1,4-Dichlorobenzene	150,000	100 U	360 U	100 U	100 U	870 U	100 U
2,4,5-TP (Silvex)	20,000						
2,4,5-Trichlorophenol	8,000,000	340 U	360 U	340 U	340 U	870 U	340 U
2,4,6-Trichlorophenol	40,000	340 U	330 U	340 U	340 U	330 U	340 U
2,4-D	200,000						
2,4-Dinitrotoluene	260,000	340 U	360 U	340 U	340 U	870 U	340 U
Arsenic	100,000	**4,100**	**4,200**	**3,800**	**3,400**	**3,200**	**4,700**
Barium	2,000,000	**1,300,000**	**180,000**	**62,000**	**79,000**	**48,000**	**65,000**
Benzene	10,000						
Cadmium	20,000	**9,800**	2,000 U	2,000 U	2,000 U	2,000 U	2,000 U
Carbon tetrachloride	10,000						
Chlordane	600						
Chlorobenzene	2,000,000						
Chloroform	120,000						
Chromium	100,000	**90,000**	**16,000**	**29,000**	**16,000**	**29,000**	**37,000**
Cresol	4,000,000						
Endrin	400						
Heptachlor (and its hydroxide)	160						
Hexachloro-1,3-butadiene	10,000						
Hexachlorobenzene	2,600	200 U	360 U	210 U	210 U	870 U	210 U
Hexachloroethane	60,000	100 U	360 U	100 U	100 U	870 U	100 U
Lead	100,000	**730,000**	**14,000**	**110,000**	**36,000**	**140,000**	**180,000**
Lindane	8,000						
m-Cresol	4,000,000						
Mercury	4,000	**780**	50 U	50 U	50 U	50 U	50 U
Methoxychlor	200,000						
Methyl ethyl ketone	4,000,000						
Nitrobenzene	40,000	200 U	69 U	210 U	210 U	170 U	210 U
o-Cresol	4,000,000						
p-Cresol	4,000,000						
Pentachlorophenol	2,000,000	3,500 U	360 U	3,500 U	3,500 U	870 U	3,500 U
Pyridine	100,000						
Selenium	20,000	500 U	500 U	500 U	500 U	500 U	500 U
Silver	100,000	**600**	250 U	250 U	250 U	250 U	250 U
Tetrachloroethylene	14,000	58 U	63 U	66 U	60 U	60 U	
Toxaphene	10,000						
Trichloroethylene	10,000	58 U	63 U	66 U	60 U	60 U	
Vinyl chloride	4,000	47 U	50 U	52 U	48 U	48 U	

Prepared by K. Book
Checked by M. McOsmen

Table TM 1-15
Compounds in Solids (RCRA Criteria)
Spring 2004
Carter Color Coat
Detroit, Michigan

Sample Location:	CLEANUP CRITERIA	SWMU5 CS3	SWMU5 CS3	SWMU5 S1 (1-3)	SWMU5 S1	SWMU5 S2 (1-3)	SWMU5 S3 (1-3)
Sample Date:		04/29/04	04/29/04 DUPLICATE	04/29/04	04/29/04 DUPLICATE	04/29/04	04/29/04
	20Xs RCRA Regulatory Limit						
(ug/kg)							
1,1-Dichloroethylene	14,000			58 U	63 U	66 U	60 U
1,2-Dichloroethane	10,000			58 U	63 U	66 U	60 U
1,4-Dichlorobenzene	150,000	120 U	100 U	58 U	63 U	66 U	60 U
2,4,5-TP (Silvex)	20,000						
2,4,5-Trichlorophenol	8,000,000	410 U	350 U	390 U	420 U	4,200 U	3,900 U
2,4,6-Trichlorophenol	40,000	410 U	350 U	390 U	420 U	4,200 U	3,900 U
2,4-D	200,000						
2,4-Dinitrotoluene	260,000	410 U	350 U	390 U	420 U	4,200 U	3,900 U
Arsenic	100,000	**4,000**	**3,900**	**6,800**	**5,400**	**5,000**	**7,500**
Barium	2,000,000	**130,000**	**160,000**	**100,000**	**83,000**	**90,000**	**83,000**
Benzene	10,000			58 U	63 U	66 U	60 U
Cadmium	20,000	**3,000**	**4,200**	2,000 U	2,000 U	2,000 U	2,000 U
Carbon tetrachloride	10,000			58 U	63 U	66 U	60 U
Chlordane	600						
Chlorobenzene	2,000,000			58 U	63 U	66 U	60 U
Chloroform	120,000			58 U	63 U	66 U	60 U
Chromium	100,000	**83,000**	**110,000**	**22,000**	**21,000**	**17,000**	**19,000**
Cresol	4,000,000						
Endrin	400						
Heptachlor (and its hydroxide)	160						
Hexachloro-1,3-butadiene	10,000						
Hexachlorobenzene	2,600	250 U	210 U	230 U	250 U	2,600 U	2,400 U
Hexachloroethane	60,000	120 U	100 U	120 U	130 U	1,300 U	1,200 U
Lead	100,000	**370,000**	**480,000**	**88,000**	**110,000**	**100,000**	**55,000**
Lindane	8,000						
m-Cresol	4,000,000						
Mercury	4,000	**370**	**270**	50 U	**130**	**80**	50 U
Methoxychlor	200,000						
Methyl ethyl ketone	4,000,000						
Nitrobenzene	40,000	250 U	210 U	230 U	250 U	2,600 U	2,400 U
o-Cresol	4,000,000						
p-Cresol	4,000,000						
Pentachlorophenol	2,000,000	4,200 U	3,500 U	4,000 U	4,300 U	43,000 U	40,000 U
Pyridine	100,000						
Selenium	20,000	500 U	500 U	500 U	**700**	**1,100**	500 U
Silver	100,000	250 U	250 U	250 U	250 U	250 U	250 U
Tetrachloroethylene	14,000		63 U	58 U	63 U	66 U	60 U
Toxaphene	10,000						
Trichloroethylene	10,000		63 U	58 U	63 U	66 U	60 U
Vinyl chloride	4,000		50 U	47 U	50 U	52 U	48 U

Prepared by K. Book
Checked by M. McGowan

Table TM 1-15
Compounds in Solids (RCRA Criteria)
Spring 2004
Carter Color Coat
Detroit, Michigan

Sample Location:		SWMU5 S3	SWMU6 CS1	SWMU6 CS2	SWMU6 S1	SWMU6 S2
		(1-3)			(1-3)	(1-3)
Sample Date:		04/29/04	04/28/04	04/28/04	04/29/04	04/29/04
		DUPLICATE				
	CLEANUP CRITERIA					
	20Xs RCRA Regulatory Limit					
(ug/kg)						
1,1-Dichloroethylene	14,000	60 U			63 U	
1,2-Dichloroethane	10,000	60 U			63 U	
1,4-Dichlorobenzene	150,000	60 U	880 U	360 U	63 U	110 U
2,4,5-TP (Silvex)	20,000					
2,4,5-Trichlorophenol	8,000,000	380 U	880 U	360 U	400 U	380 U
2,4,6-Trichlorophenol	40,000	380 U	330 U	330 U	400 U	380 U
2,4-D	200,000					
2,4-Dinitrotoluene	260,000	380 U	880 U	360 U	400 U	380 U
Arsenic	100,000	**7,400**	**6,200**	**4,500**	**6,000**	**2,800**
Barium	2,000,000	**81,000**	**96,000**	**28,000**	**150,000**	**130,000**
Benzene	10,000	60 U			63 U	
Cadmium	20,000	2,000 U	**3,200**	2,000 U	2,000 U	2,000 U
Carbon tetrachloride	10,000	60 U			63 U	
Chlordane	600					
Chlorobenzene	2,000,000	60 U			63 U	
Chloroform	120,000	60 U			63 U	
Chromium	100,000	**18,000**	**55,000**	**14,000**	**26,000**	**9,700**
Cresol	4,000,000					
Endrin	400					
Heptachlor (and its hydroxide)	160					
Hexachloro-1,3-butadiene	10,000					
Hexachlorobenzene	2,600	230 U	880 U	360 U	240 U	230 U
Hexachloroethane	60,000	120 U	880 U	360 U	120 U	110 U
Lead	100,000	**48,000**	**300,000**	**28,000**	**120,000**	**28,000**
Lindane	8,000					
m-Cresol	4,000,000					
Mercury	4,000	50 U	50 U	50 U	50 U	50 U
Methoxychlor	200,000					
Methyl ethyl ketone	4,000,000					
Nitrobenzene	40,000	230 U	170 U	69 U	240 U	230 U
o-Cresol	4,000,000					
p-Cresol	4,000,000					
Pentachlorophenol	2,000,000	3,900 U	880 U	360 U	4,100 U	3,900 U
Pyridine	100,000					
Selenium	20,000	500 U	500 U	500 U	**800**	**900**
Silver	100,000	250 U	**300**	250 U	250 U	250 U
Tetrachloroethylene	14,000	60 U			63 U	
Toxaphene	10,000					
Trichloroethylene	10,000	60 U			63 U	
Vinyl chloride	4,000	48 U			50 U	

Prepared by K. Book
Checked by M. McGeveran

Table T

Compounds in Groundwater (RCRA Criteria)
Spring 2004
Carter Color Coat
Detroit, Michigan

Sample Location:			SWMU1 SB2	SWMU1 SB3	SWMU1 SB4	SWMU1 SB5	SWMU1 SB7
Sample Date:			4/26/2004	5/1/2004	4/26/2004	4/26/2004	5/1/2004
	RCRA CLEANUP CRITERIA Groundwater Regulatory Limits						
(ug/L)							
1,1-Dichloroethylene	700		1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	500		1 U	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	7,500		1 U	1 U	1 U	1 U	1 U
2,4,5-TP (Silvex)	1,000						
2,4,5-Trichlorophenol	400,000		110 U	12 U	11 U	11 U	11 U
2,4,6-Trichlorophenol	2,000		110 U	12 U	11 U	11 U	11 U
2,4-D	10,000						
2,4-Dinitrotoluene	13,000	2	55 U	5.9 U	5.6 U	5.4 U	5.5 U
Arsenic	5,000		**20**	**57**	**53**	**57**	**16**
Barium	100,000		**180**	**1,700**	**1,400** D	**1,400** D	**390**
Benzene	500		1 U	1 U	1 U	1 U	1 U
Cadmium	1,000		**0.71**	**3.5**	**5.2**	**8.9**	**3.0**
Carbon tetrachloride	500		1 U	1 U	1 U	1 U	1 U
Chlordane	30						
Chlorobenzene	100,000		1 U	1 U	1 U	1 U	1 U
Chloroform	6,000		1 U	1 U	1 U	1 U	1 U
Chromium	5,000		**33**	**240**	**310**	**280**	**76**
Cresol	200,000	1					
Endrin	20						
Heptachlor (and its hydroxide)	8						
Hexachloro-1,3-butadiene	500						
Hexachlorobenzene	130	2	22 U	2.4 U	2.2 U	2.2 U	2.2 U
Hexachloroethane (svoc)	3,000		11 U	1.2 U	1.1 U	1.1 U	1.1 U
Hexachloroethane (voc)	3,000		5 U	5 U	5 U	5 U	5 U
Lead	5,000		**67**	**150**	**420**	**440**	**640**
Lindane	400						
m-Cresol	200,000	1					
Mercury	200		0.2 U	**1.2**	**0.7**	**1.1**	**0.2**
Methoxychlor	10,000						
Methyl ethyl ketone	200,000						
Nitrobenzene	2,000		22 U	2.4 U	2.2 U	2.2 U	2.2 U
o-Cresol	200,000	1					
p-Cresol	200,000	1					
Pentachlorophenol	100,000		550 U	59 U	56 U	54 U	55 U
Pyridine	5,000	2					
Selenium	1,000		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Silver	5,000		0.5 U	**0.59**	**3.1**	**3.5**	**0.94**
Tetrachloroethylene	700		1 U	1 U	1 U	1 U	1 U
Toxaphene	500						
Trichloroethylene	500		1 U	1 U	1 U	1 U	1 U
Vinyl chloride	200		1 U	1 U	1 U	1 U	1 U

1 - If o-, m-, and p-cresol concentrations cannot be differentiated, the total cresol (D026) concentration is used.
The regulatory level of total cresol is 200 mg/L.
2 - Quantitation limit is greater than the calculated regulatory level. The quantitation limit therefore becomes the regulatory level.

Prepared by K. Bock
Checked by M. McGowan

Table TM 1-17
Footnotes
Spring 2004
Carter Color Coat
Detroit, Michigan

NOTES	DEFINITION
A	Value reported is the mean of two or more determinations.
AA	Comparison to these criteria may take into account an evaluation of whether the hazardous substances are adsorbed to particulates rather than dissolved in water.
C	Value presented is a screening level based on the chemical-specific generic soil saturation concentration.
D (data)	Analyte value quantified from a dilution(s); reporting limit (RL) raised.
D (criteria)	Calculated criterion exceeds 100%, hence it is reduced to 1.0E+9 ppb.
DD	Hazardous substance causes developmental effects. Residential and commercial I direct contact criteria are protective of both prenatal and postnatal exposure
J	Analyte was positively identified. Value is an estimate.
JA	Results are estimated due to multiple Arcolrs present.
K	Reporting Limit raised due to matrix Interference.
M (criteria)	Calculated criterion is below the analytical Target Detection Limit (TDL), therefore, the criterion defaults to the TDL.
M (data)	Level of method protection blank.
S	Criterion defaults to the hazardous substance-specific water solubility.
T (data)	Reported value is less than the Reporting Limit.
T (criteria)	Refer to federal toxic substance control act (TSCA), 40 CFR761, subparts D and G to determine the applicability of TSCA cleanup standards.
U	Undetected. The analyte was analyzed for but not detected; the associated value shown is the Practical Quantitation Limit (PQL).
1	Result(s) and Reporting Limits are estimates due to low surrogate recovery.
2	Results is estimated due to high surrogate recovery.
3	Results are estimated due to low matrix spike recovery.
7	Results and RLs are estimated due to poor precision.
µg/kg	Micrograms per Kilogram
µg/L	Micrograms per Liter
mg/Kg	Milligrams per Kilogram
NLV	Hazardous substance is not likely to volatize under most conditions.
NA	Criterion or value is not available.
ID	Insufficient data to develop criterion.
30	Analytes detected are bolded.
30	Concentrations exceeding MDEQ Part 201 Criteria are bolded and shaded.

APPENDIX A

Mactec Project 3293035111
Carter Color Coat

Sampling Summary & Waste Inventory

Container ID	Wastestream	Number of Containers and Container Type	Quantity	Sampling Notes	Basis for Characterization	Waste Codes
001	Alkaline-Neutral Buffer & Test Solutions, container #1	1- 5 gallon Pail (1H2/Y30/S/02)	Full	Alkaline-neutral buffer & test solutions consolidated into a 5 gallon Pail	Container Labels and Analysis	D001, D002,
002	Acidic Buffer & Test Solutions, Container #2	1- 5 gallon Pail (1H2/Y30/S/02)	Full	Acidic buffer & test solutions consolidated into a 5 gallon Pail	Container Labels and Analysis	D002,
003	Miscellaneous Solids, Container # 3	1-UN 1A2 55 gal.	Full	Miscellaneous Inert Solids, Calcium Chloride, other dry powder or solid materials combined for analysis	Container Labels and Analysis	None
004	Miscellaneous Liquids, Container #4	1-UN 1A2 55 gal.	Full	Miscellaneous liquids, liquids & sludge removed from drums which were marked as empty. Drawing compounds, paint, aqueous based materials	Container Labels and Analysis	D008
005	High Temp Oven Cement, Container #5	1- 5 gallon Pail (1H2/Y30/S/02)	Full	Excelsior Varnish & Chemical Company, CWC Industries-Cleveland, Ohio High temp oven cement, caulk type tubes loose packed in a pail. Per MSDS material flash point is 141degrees	Container Label and MSDS	029L
006	Pit # 3	Bulk	100 gallon estimated	Material taken from a 5' x 3' x 3' pit marked as pit # 3 in 1st floor waste water treatment area. Suspect e-coat paint (liquid)	Analysis	D007, D008
007	Tank T-1	Bulk.	300 gallons estimated	Material taken from an approximately 10,000 gallon tank. 12' to 15' tall marked as T-1 in 1st floor wastewater treatment area. (liquid) suspected e-coat paint. Access through 24" manhole in side of tank.	Analysis	D007, D008
008	East Pit	Bulk	100 gallon estimated	Material taken from a 5' x 3' x 3' pit in the east area of the 1st floor waste water treatment area. Suspect e-coat paint (liquid)	Analysis	D007, D008
009	Blue Clairifyer Tank #5	Bulk	3 cubic yard estimate	Material taken from blue clairifyer tank labeled #5 in 1st floor wastewater treatment area. Tank is 9' x 9' x 8'. White/gray dry powder like solid. Access is from the top of the tank	Analysis	None
010	North Tank	Bulk	300 gallons estimated	Material taken from an approximately 10,000 gallon tank. 12' to 15' tall. North of the blue clairifyer tank in 1st floor wastewater treatment area. (Sediment). Access through 24" manhole in side of tank.	Analysis	None
011	Manhole North of Pit #3	Bulk	Unable to estimate volume	Material taken from a 36" manhole directly North of Pit #3. Not able to determine volume due to nature of material and unknown shape of area accessed by manhole	Analysis	None
012	Loose Pack Paint, Drum # 11	1-UN 1A2 55 gal.	Full	Loose pack paint cans ranging in size from ½ pint to 5 gallon. Composite sample	Container Labels and Analysis	D001, F003, F005
013	Aerosol Spray Cans, Drum # 12	1-UN 1A2 55 gal.	Full	Aerosol spray cans. All empty aerosol spray cans were not collected. 1-18oz Rust-o-leum hard hat striping paint 3-15oz Rust-o-leum hard hat finish 1-11.5 oz ace interior enamel/exterior premium 2-12 oz painter touch rust-o-leum multipurpose paint 2-11oz Aco quick dry lead free no-e-35 ultra blue 1-12oz rust-o-leum American accents all purpose 1-11oz Pitt/Penn Starting Fluid ether & heptane 6-12oz krylon interior/exterior paint 1-11oz Ideal handy spray adhesive, Ideal stencil machine & tape co, Belleville, IL 618-233-0162 2-10oz quick color fast drying all purpose spray enamel 3-12oz rust-o-leum satin, satin white 7791 2-10oz Aco hardware premium spray enamel 1-12oz 1$ spray paint, rust-o-leum green 1646 1-12oz mechanics forced air tire inflator	Labels, General Product Information & Available MSDS's	D001, D035

				1-17oz Betco dust mop treatment 1-12oz hammerite deep green 1-17.7oz pledge 1-12oz krylon living color latex enamel 1-11oz duplicolor truck and van paint 1-10 DAP touch n tone		
014	0.5N Potassium Permanganate, Drum #13	1-5 gallon Pail (1H2/Y30/S/02)	3 – 1quart plastic containers	Material loose packed into a 5 gallon pail. PPG-Chemfill Test Solution #5. 0.5N Potassium Permanganate 313-689-0720	Label and General Product Information	D001
015	Filter Socks & Absorbents, Drum #14	1-UN 1A2 55 gal.	Full	Filter socks & absorbents saturated w/ what appears to appear to be e-coat paint.	Analysis	D001, D008, F003, F005
016	Leak Tracing Dye, Drums # 15	5-UN 1A2 55 gal.	Full	Loose pack containers of leak tracing dyes ranging in size from 2 ounces to 1 quart. Virgin product is in original containers.	Container Labels and Analysis	D008
017	1st submersion tank, zinc phosphate line	Bulk	100 gallon estimate	2nd floor, taken from SWMU #3, the zinc phosphate line, the first submersion tank on the west entrance of the line, sediment sample	Analysis	None
018	2nd submersion tank, zinc phosphate line	Bulk	100 gallon estimate	2nd floor, taken from SWMU #3, the zinc phosphate line, the second submersion tank on the line going west to east, labeled #4, sediment sample	Analysis	None
019	Stage five tank, zinc phosphate line	Bulk	4 cubic yard estimate	2nd floor, taken from SWMU #3, the zinc phosphate line, next tank east of #4 labeled as stage #5, sediment sample	Analysis	None
020	SWMU #4, Column C-4	Bulk	1 cubic yard estimate	2nd floor, taken off floor surrounding column C-4, ½' white/gray powder material covering tile (9" x 9") floor	Analysis	None
021	SWMU #4, Column D-4	Bulk	1 cubic yard estimate	2nd floor, taken off floor surrounding column D-4, ½' white/gray powder material covering tile (9" x 9") floor	Analysis	None
022	SWMU #4, Column E-4	Bulk	1 cubic yard estimate	2nd floor, taken off floor surrounding column E-4, ½' white/gray powder material covering tile (9" x 9") floor	Analysis	None
023	7th floor west elevator room			Gear oil/lube on the floor of the West elevator room (7th floor/Roof), area of leak is approximately 9' x 15"	Analysis	None, 20 mg/kg PCB
024	Stearate Cleanout	Bulk	2 cubic yard estimate	Located on 3rd floor, one pallet near column F-26 and one pallet near column B-23	Analysis	None
025	Gray/Black pellet material	Bulk	1/2 cubic yard estimate	Located on 3rd floor, near column B-25 and B-26, broken open on floor	Analysis	None
026	White Granular Solid	Bulk	1 cubic yard estimate	Located on 3rd floor, near column B-23	Analysis	None
027	Freon Cylinders		6 total	6 empty freon cylinders, 30# each, Atofina Chemical 800-245-5858. 2-foran 409a, 2-foran 22, 1-foran 134a and National Refrigeration, Bridgeton, N.J, 1-cfc 1z		
028	RCRA Empty Drums		75 drums	RCRA empty drums, staged on East dock		
029	RCRA Empty Totes		2 totes	RCRA empty totes staged on East dock, 300 gallon plastic tote surrounded by metal cage		

APPENDIX C

Analytical Report

Lakeland Laboratories, Inc.

8290 Pettysville Road
Pinckney, MI 48169

Phone: (734) 878-3400
FAX: (734) 878-3981

Certificate of Analysis

Date: June 11, 2004

Customer: IRWS
12632 10 Mile Road
South Lyon, MI 48178

Project Name: Carter Color Coat
Project Number: 04-270
Submit Date: 5/25/04
Collection Date: 4/26/04

Lab Sample ID: 2293-15721

Sample ID: 1: Alkaline- Neutral Buffer and Test Solutions

Parameters	Result	Detection Level	Units	Method Reference	Analysis Date	Analyst
RIC Analysis						
Reactive Cyanide	ND	50	mg/Kg	SW846 9014	5/25/04	EDW
Reactive Sulfide	ND	50	mg/Kg	SW846 9030	5/25/04	EDW
Flashpoint	105	200	°F	SW846 1010	5/25/04	EDW
pH	14.0	1-14		SW846 9045C	5/25/04	JAW
TCLP Metals Analysis						
Arsenic	0.8	0.5	mg/L	SW846 7060	6/1/04	KMM
Barium	ND	0.5	mg/L	SW846 7081	6/1/04	KMM
Cadmium	ND	0.5	mg/L	SW846 7130	6/3/04	KMM
Chromium	ND	0.5	mg/L	SW846 7190	6/3/04	KMM
Lead	0.5	0.5	mg/L	SW846 7420	6/3/04	KMM
Mercury	ND	0.1	mg/L	SW846 7471	6/3/04	KMM
Selenium	ND	0.5	mg/L	SW846 7740	6/1/04	KMM
Silver	ND	0.5	mg/L	SW846 7761	6/3/04	KMM

Parameter- The analysis performed or name of the chemical analyzed.
Result- The reported concentration in the sample at or above reg level
Detection Limit- Lowest concentration level reported
Units- The unit which corresponds to the reported concentration
Method Reference- The method used to provide results.
Analysis Date- Date the analysis was performed
Analyst- Initials of the analyst performing the analysis
ND- Parameter not detected above the reported LRL

Reviewed By: Lori White

Date: 6/11/04

Lakeland Laboratories, Inc.

8290 Pettysville Road
Pinckney, MI 48169

Phone: (734) 878-3400
FAX: (734) 878-3981

Certificate of Analysis

Date: June 11, 2004

Customer: IRWS
12632 10 Mile Road
South Lyon, MI 48178

Project Name: Carter Color Coat
Project Number: 04-270
Submit Date: 5/25/04
Collection Date: 4/26/04

Lab Sample ID: 2293-15722

Sample ID: 2: Acidic Buffer and Test Solutions

Parameters	Result	Detection Level	Units	Method Reference	Analysis Date	Analyst
RIC Analysis						
Reactive Cyanide	ND	50	mg/Kg	SW846 9014	5/25/04	EDW
Reactive Sulfide	ND	50	mg/Kg	SW846 9030	5/25/04	EDW
Flashpoint	DNF	200	°F	SW846 1010	5/25/04	EDW
pH	1.0	1-14		SW846 9045C	5/25/04	JAW
TCLP Metals Analysis						
Arsenic	ND	0.5	mg/L	SW846 7060	6/1/04	KMM
Barium	ND	0.5	mg/L	SW846 7081	6/1/04	KMM
Cadmium	ND	0.5	mg/L	SW846 7130	6/3/04	KMM
Chromium	ND	0.5	mg/L	SW846 7190	6/3/04	KMM
Lead	0.6	0.5	mg/L	SW846 7420	6/3/04	KMM
Mercury	ND	0.1	mg/L	SW846 7471	6/3/04	KMM
Selenium	ND	0.5	mg/L	SW846 7740	6/1/04	KMM
Silver	ND	0.5	mg/L	SW846 7761	6/3/04	KMM

Parameter- The analysis performed or name of the chemical analyzed.
Result- The reported concentration in the sample at or above reg level
Detection Limit- Lowest concentration level reported
Units- The unit which corresponds to the reported concentration
Method Reference- The method used to provide results.
Analysis Date- Date the analysis was performed
Analyst- Initials of the analyst performing the analysis
ND- Parameter not detected above the reported LRL

Reviewed By: Larri White

Date: 6/11/04

Lakeland Laboratories, Inc.

:290 Pettysville Road
'inckney, MI 48169

Phone: (734) 878-3400
FAX: (734) 878-3981

Certificate of Analysis

Date: June 11, 2004

Customer: IRWS
12632 10 Mile Road
South Lyon, MI 48178

Project Name: Carter Color Coat
roject Number: 04-270
Submit Date: 5/25/04
:ollection Date: 4/26/04

Lab Sample ID: 2293-15723

Sample ID: 3: Misc. Inert Solids

Parameters	Result	Detection Level	Units	Method Reference	Analysis Date	Analyst
:IC Analysis						
Reactive Cyanide	ND	50	mg/Kg	SW846 9014	5/25/04	EDW
Reactive Sulfide	ND	50	mg/Kg	SW846 9030	5/25/04	EDW
Flashpoint	DNF	200	°F	SW846 1010	5/25/04	EDW
pH	2.2	1-14		SW846 9045C	5/25/04	JAW
'CLP Metals Analysis						
Arsenic	ND	0.5	mg/L	SW846 7060	6/1/04	KMM
Barium	ND	0.5	mg/L	SW846 7081	6/1/04	KMM
Cadmium	ND	0.5	mg/L	SW846 7130	6/3/04	KMM
Chromium	ND	0.5	mg/L	SW846 7190	6/3/04	KMM
Lead	0.6	0.5	mg/L	SW846 7420	6/3/04	KMM
Mercury	ND	0.1	mg/L	SW846 7470	6/3/04	KMM
Selenium	ND	0.5	mg/L	SW846 7740	6/1/04	KMM
Silver	ND	0.5	mg/L	SW846 7760	6/3/04	KMM
:-Scan						
Acetone	ND	50	mg/L	SW846 8260	5/26/04	LLW
Benzene	ND	50	mg/L	SW846 8260	5/26/04	LLW
Carbon disulfide	ND	50	mg/L	SW846 8260	5/26/04	LLW
Carbon tetrachloride	ND	50	mg/L	SW846 8260	5/26/04	LLW
Chlorobenzene	ND	50	mg/L	SW846 8260	5/26/04	LLW
Cresylic acid	ND	100	mg/L	SW846 8270	5/26/04	LLW
Cresols	ND	50	mg/L	SW846 8270	5/26/04	LLW
Cyclohexanone	ND	100	mg/L	SW846 8270	5/26/04	LLW
1,2-Dichlorobenzene	ND	50	mg/L	SW846 8260	5/26/04	LLW
Diethylether	ND	50	mg/L	SW846 8260	5/26/04	LLW
Ethoxyethanol	ND	50	mg/L	SW846 8260	5/26/04	LLW
Ethylacetate	ND	50	mg/L	SW846 8260	5/26/04	LLW
Ethylbenzene	ND	50	mg/L	SW846 8260	5/26/04	LLW
Isobutanol	ND	50	mg/L	SW846 8260	5/26/04	LLW
Methyl ethyl ketone	ND	50	mg/L	SW846 8260	5/26/04	LLW
Methanol	ND	100	mg/L	SW846 8260	5/26/04	LLW
Methylene chloride	ND	50	mg/L	SW846 8260	5/26/04	LLW
Methyl isobutlyl ketone	ND	50	mg/L	SW846 8260	5/26/04	LLW
n-Butylalcohol	ND	50	mg/L	SW846 8260	5/26/04	LLW
Nitrobenzene	ND	50	mg/L	SW846 8270	5/26/04	LLW
Nitropropane	ND	50	mg/L	SW846 8260	5/26/04	LLW
Pyridine	ND	100	mg/L	SW846 8260	5/26/04	LLW
Tetrachloroethene	ND	50	mg/L	SW846 8260	5/26/04	LLW
Toluene	ND	50	mg/L	SW846 8260	5/26/04	LLW

Certificate of Analysis

Date: June 11, 2004

Customer: IRWS
12632 10 Mile Road
South Lyon, MI 48178

Project Name: Carter Color Coat
Project Number: 04-270
Submit Date: 05/25/04
Collection Date: 04/26/04

Lab Sample ID: 2293-15723

Sample ID: 3: Misc. Inert Solids

Parameters	Result	Detection Level	Units	Method Reference	Analysis Date	Analyst
F-Scan Continued From Page 1						
Trichloroethene	ND	50	mg/L	SW846 8260	5/26/04	LLW
Trichlorofluoromethane	ND	50	mg/L	SW846 8260	5/26/04	LLW
Trichlorotrifluoroethane	ND	50	mg/L	SW846 8260	5/26/04	LLW
Xylene	ND	50	mg/L	SW846 8260	5/26/04	LLW
PCB Analysis						
ARO 1016	ND	1	mg/Kg	SW846 8082	5/27/04	LLW
ARO 1221	ND	1	mg/Kg	SW846 8082	5/27/04	LLW
ARO 1232	ND	1	mg/Kg	SW846 8082	5/27/04	LLW
ARO 1242	ND	1	mg/Kg	SW846 8082	5/27/04	LLW
ARO 1248	ND	1	mg/Kg	SW846 8082	5/27/04	LLW
ARO 1254	ND	1	mg/Kg	SW846 8082	5/27/04	LLW
ARO 1260	ND	1	mg/Kg	SW846 8082	5/27/04	LLW

Parameter- The analysis performed or name of the chemical analyzed.
Result- The reported concentration in the sample at or above reg level
Detection Limit- Lowest concentration level reported
Units- The unit which corresponds to the reported concentration
Method Reference- The method used to provide results
Analysis Date- Date the analysis was performed
Analyst- Initials of the analyst performing the analysis
ND- Parameter not detected above the reported LRL

Reviewed By: Larri Wolf

Date: 6/11/04

Lakeland Laboratories, Inc.

8290 Pettysville Road
Pinckney, MI 48169

Phone: (734) 878-3400
FAX: (734) 878-3981

Certificate of Analysis

Date: June 11, 2004

Customer: IRWS
12632 10 Mile Road
South Lyon, MI 48178

Project Name: Carter Color Coat
Project Number: 04-270
Submit Date: 5/25/04
Collection Date: 4/26/04

Lab Sample ID: 2293-15724

Sample ID: 4: Misc Liquids

Parameters	Result	Detection Level	Units	Method Reference	Analysis Date	Analyst
RIC Analysis						
Reactive Cyanide	ND	50	mg/Kg	SW846 9014	5/26/04	EDW
Reactive Sulfide	ND	50	mg/Kg	SW846 9030	5/26/04	EDW
Flashpoint	DNF	200	°F	SW846 1010	5/26/04	EDW
pH	6.8	1-14		SW846 9045C	5/25/04	JAW
TCLP Metals Analysis						
Arsenic	ND	0.5	mg/L	SW846 7060	6/1/04	KMM
Barium	ND	0.5	mg/L	SW846 7081	6/1/04	KMM
Cadmium	ND	0.5	mg/L	SW846 7130	6/3/04	KMM
Chromium	ND	0.5	mg/L	SW846 7190	6/3/04	KMM
Lead	11	0.5	mg/L	SW846 7420	6/3/04	KMM
Mercury	ND	0.1	mg/L	SW846 7470	6/3/04	KMM
Selenium	ND	0.5	mg/L	SW846 7740	6/1/04	KMM
Silver	ND	0.5	mg/L	SW846 7760	6/3/04	KMM
F-Scan						
Acetone	ND	50	mg/L	SW846 8260	5/26/04	LLW
Benzene	ND	50	mg/L	SW846 8260	5/26/04	LLW
Carbon disulfide	ND	50	mg/L	SW846 8260	5/26/04	LLW
Carbon tetrachloride	ND	50	mg/L	SW846 8260	5/26/04	LLW
Chlorobenzene	ND	50	mg/L	SW846 8260	5/26/04	LLW
Cresylic acid	ND	100	mg/L	SW846 8270	5/26/04	LLW
Cresols	ND	50	mg/L	SW846 8270	5/26/04	LLW
Cyclohexanone	ND	100	mg/L	SW846 8270	5/26/04	LLW
1,2-Dichlorobenzene	ND	50	mg/L	SW846 8260	5/26/04	LLW
Diethylether	ND	50	mg/L	SW846 8260	5/26/04	LLW
Ethoxyethanol	ND	50	mg/L	SW846 8260	5/26/04	LLW
Ethylacetate	ND	50	mg/L	SW846 8260	5/26/04	LLW
Ethylbenzene	ND	50	mg/L	SW846 8260	5/26/04	LLW
Isobutanol	ND	50	mg/L	SW846 8260	5/26/04	LLW
Methyl ethyl ketone	ND	50	mg/L	SW846 8260	5/26/04	LLW
Methanol	ND	100	mg/L	SW846 8260	5/26/04	LLW
Methylene chloride	ND	50	mg/L	SW846 8260	5/26/04	LLW
Methyl isobutlyl ketone	ND	50	mg/L	SW846 8260	5/26/04	LLW
n-Butylalcohol	ND	50	mg/L	SW846 8260	5/26/04	LLW
Nitrobenzene	ND	50	mg/L	SW846 8270	5/26/04	LLW
Nitropropane	ND	50	mg/L	SW846 8260	5/26/04	LLW
Pyridine	ND	100	mg/L	SW846 8260	5/26/04	LLW
Tetrachloroethene	ND	50	mg/L	SW846 8260	5/26/04	LLW
Toluene	ND	50	mg/L	SW846 8260	5/26/04	LLW

Certificate of Analysis

Date: June 11, 2004

Customer: IRWS
12632 10 Mile Road
South Lyon, MI 48178

Project Name: Carter Color Coat
Project Number: 04-270
Submit Date: 05/25/04
Collection Date: 04/26/04

Lab Sample ID: 2293-15724

Sample ID: 4: Misc Liquids

Parameters	Result	Detection Level	Units	Method Reference	Analysis Date	Analyst
F-Scan Continued From Page 1						
Trichloroethene	ND	50	mg/L	SW846 8260	5/26/04	LLW
Trichlorofluoromethane	ND	50	mg/L	SW846 8260	5/26/04	LLW
Trichlorotrifluoroethane	ND	50	mg/L	SW846 8260	5/26/04	LLW
Xylene	ND	50	mg/L	SW846 8260	5/26/04	LLW
PCB Analysis						
ARO 1016	ND	1	mg/Kg	SW846 8082	5/27/04	LLW
ARO 1221	ND	1	mg/Kg	SW846 8082	5/27/04	LLW
ARO 1232	ND	1	mg/Kg	SW846 8082	5/27/04	LLW
ARO 1242	ND	1	mg/Kg	SW846 8082	5/27/04	LLW
ARO 1248	ND	1	mg/Kg	SW846 8082	5/27/04	LLW
ARO 1254	ND	1	mg/Kg	SW846 8082	5/27/04	LLW
ARO 1260	ND	1	mg/Kg	SW846 8082	5/27/04	LLW

Parameter- The analysis performed or name of the chemical analyzed.
Result- The reported concentration in the sample at or above reg level
Detection Limit- Lowest concentration level reported
Units- The unit which corresponds to the reported concentration
Method Reference- The method used to provide results.
Analysis Date- Date the analysis was performed
Analyst- Initials of the analyst performing the analysis
ND- Parameter not detected above the reported LRL

Reviewed By: Terri White

Date: 6/11/04

Lakeland Laboratories, Inc.

8290 Pettysville Road
Pinckney, MI 48169

Phone: (734) 878-3400
FAX: (734) 878-3981

Certificate of Analysis

Date: June 11, 2004

Customer: IRWS
12632 10 Mile Road
South Lyon, MI 48178

Project Name: Carter Color Coat
Project Number: 04-270
Submit Date: 5/25/04
Collection Date: 4/26/04

Lab Sample ID: 2293-15725

Sample ID: 6: Pit #3, Ist Floor WW Treatment

Parameters	Result	Detection Level	Units	Method Reference	Analysis Date	Analyst
RIC Analysis						
Reactive Cyanide	ND	50	mg/Kg	SW846 9014	5/26/04	EDW
Reactive Sulfide	ND	50	mg/Kg	SW846 9030	5/26/04	EDW
Flashpoint	DNF	200	°F	SW846 1010	5/26/04	EDW
pH	6.8	1-14		SW846 9045C	5/25/04	JAW
TCLP Metals Analysis						
Arsenic	ND	0.5	mg/L	SW846 7060	6/1/04	KMM
Barium	ND	0.5	mg/L	SW846 7081	6/1/04	KMM
Cadmium	ND	0.5	mg/L	SW846 7130	6/3/04	KMM
Chromium	51	0.5	mg/L	SW846 7190	6/3/04	KMM
Lead	360	0.5	mg/L	SW846 7420	6/3/04	KMM
Mercury	ND	0.1	mg/L	SW846 7470	6/3/04	KMM
Selenium	ND	0.5	mg/L	SW846 7740	6/1/04	KMM
Silver	ND	0.5	mg/L	SW846 7760	6/3/04	KMM
F-Scan						
Acetone	ND	50	mg/L	SW846 8260	5/26/04	LLW
Benzene	ND	50	mg/L	SW846 8260	5/26/04	LLW
Carbon disulfide	ND	50	mg/L	SW846 8260	5/26/04	LLW
Carbon tetrachloride	ND	50	mg/L	SW846 8260	5/26/04	LLW
Chlorobenzene	ND	50	mg/L	SW846 8260	5/26/04	LLW
Cresylic acid	ND	100	mg/L	SW846 8270	5/26/04	LLW
Cresols	ND	50	mg/L	SW846 8270	5/26/04	LLW
Cyclohexanone	ND	100	mg/L	SW846 8270	5/26/04	LLW
1,2-Dichlorobenzene	ND	50	mg/L	SW846 8260	5/26/04	LLW
Diethylether	ND	50	mg/L	SW846 8260	5/26/04	LLW
Ethoxyethanol	ND	50	mg/L	SW846 8260	5/26/04	LLW
Ethylacetate	ND	50	mg/L	SW846 8260	5/26/04	LLW
Ethylbenzene	ND	50	mg/L	SW846 8260	5/26/04	LLW
Isobutanol	ND	50	mg/L	SW846 8260	5/26/04	LLW
Methyl ethyl ketone	ND	50	mg/L	SW846 8260	5/26/04	LLW
Methanol	ND	100	mg/L	SW846 8260	5/26/04	LLW
Methylene chloride	ND	50	mg/L	SW846 8260	5/26/04	LLW
Methyl isobutlyl ketone	ND	50	mg/L	SW846 8260	5/26/04	LLW
n-Butylalcohol	ND	50	mg/L	SW846 8260	5/26/04	LLW
Nitrobenzene	ND	50	mg/L	SW846 8270	5/26/04	LLW
Nitropropane	ND	50	mg/L	SW846 8260	5/26/04	LLW
Pyridine	ND	100	mg/L	SW846 8260	5/26/04	LLW
Tetrachloroethene	ND	50	mg/L	SW846 8260	5/26/04	LLW
Toluene	ND	50	mg/L	SW846 8260	5/26/04	LLW