Detrex
CHEMICALS DIVISION

US EPA RECORDS CENTER REGION 5
467811

November 30, 2012

Mr. Owen Thompson
United States Environmental Protection Agency
Office of Superfund, Region 5
SR-6J
77 West Jackson Blvd.
Chicago, IL 60604-3590

Certified Mail, Return Receipt: 7004 1160 0003 4669 1781

Subject: Monthly Status Report-October 2012
Fields Brook Superfund Site
Detrex Source Area-Ashtabula, Ohio

Dear Mr. Thompson,

Detrex is submitting the enclosed monthly status report for the month of October 2012, for the Detrex Source Area Project.

If you have any questions, please contact me at (440) 997-6131, ext. 201.

Sincerely,

Thomas W. Steib

Thomas W. Steib
Vice President Manufacturing

cc: T. Doll, D. Church, R. Currie, J. Vence, K. Buell, URS, R. Williams

FIELDS BROOK SUPERFUND SITE, OPERABLE UNIT #2
DETREX SOURCE AREA
MONTHLY TECHNICAL STATUS REPORT

Project Phase: Remedial Design and Remedial Action.

Prepared by: Tom Steib of Detrex Corporation.

Period: Month of October 2012.

1. Progress Made This Reporting Period:

ACTIVITY	THIS PERIOD GALLONS	YEAR TO DATE GALLONS	TOTAL GALLONS
Estimated DNAPL Recovered	**-0- (Does not include volume in inside settling tank)**	**-0-**	**17,480**
DNAPL Disposed	**-0-**	**-0-**	**17,480**

A. There were -0- gallons of DNAPL pumped from the inside settling tank to the outside settling tank during October.
B. Recovery of DNAPL has been suspended during the installation and field trials of the six experimental wells.
C. Wells 3 and 7 are not pumpable and will be repaired.
D. Well 13 does not pump.
E. Wells 12 and 14 were taken out to inspect sand pack, etc during experimental well installation in October.
F. The sample wells, collection trench sumps, and the sumps in Fields Brook were all sampled in October. See results, attached.
G. NPDES Compliance. Detrex is in full compliance of our NPDES permit for the month of October 2012. A copy of the MOR is available upon request.

2. Work Planned During the Next 90 Days.

A. Perform work plan on six experimental wells installed in October.

11/30/2012 13:29

Fields Brook Flood Plain andNorth Sewer Collection Trench Water Analyses
Ashtabula, OH
Samples taken by Detrex.
Samples anaylyzed by Precision Analytical, Inc.

Date Sampled	10/24/2012	10/24/2012	10/24/2012
Location	Flood Plain	Flood Plain	North
	East	West	Sewer
VOC			
1,1,1-Trichloroethane, ug/l	<5.00	<5.00	<5.00
1,1,2,2-Tetrachloroethane, ug/l	<5.00	<5.00	<5.00
1,1,2-Trichloroethane, ug/l	<5.00	<5.00	<5.00
1,1-Dichloroethane, ug/l	<5.00	<5.00	<5.00
1,1-Dichloroethene, ug/l	<5.00	<5.00	<5.00
Choroform, ug/l	<5.00	<5.00	<5.00
cis-1,2-Dichloroethene, ug/l	<5.00	14.1	7
Methylene Chloride, ug/l	<10.00	<10.00	<10.00
Tetrachloroethene, ug/l	<5.00	<5.00	8.14
Trichloroethene, ug/l	<5.00	6.78	10.9
PCB			
Aroclor 1016, ug/l	<2.00	<2.00	<2.00
Aroclor 1221, ug/l	<2.00	<2.00	<2.00
Aroclor 1232, ug/l	<2.00	<2.00	<2.00
Aroclor 1242, ug/l	<2.00	<2.00	<2.00
Aroclor 1248, ug/l	<2.00	<2.00	<2.00
Aroclor 1254, ug/l	<2.00	<2.00	<2.00
Aroclor 1260, ug/l	<2.00	<2.00	<2.00

Date Sampled	10/24/2012	10/24/2012	10/24/2012
Location	Flood Plain	Flood Plain	North
	East	West	Sewer

VOC			
1,1,1-Trichloroethane, ug/l	<5.00	<5.00	<5.00
1,1,2,2-Tetrachloroethane, ug/l	6.68	6.85	15.7
1,1,2-Trichloroethane, ug/l	<5.00	<5.00	<5.00
1,1-Dichloroethane, ug/l	<5.00	<5.00	<5.00
1,1-Dichloroethene, ug/l	<5.00	6.13	<5.00
Choroform, ug/l	<5.00	<5.00	<5.00
cis-1,2-Dichloroethene, ug/l	354	541	387
Methylene Chloride, ug/l	<10.00	<10.00	<10.00
Tetrachloroethene, ug/l	7.96	30.9	30.4
Trichloroethene, ug/l	127	200	172
PCB			
Aroclor 1016, ug/l	<2.00	<2.00	<2.00
Aroclor 1221, ug/l	<2.00	<2.00	<2.00
Aroclor 1232, ug/l	<2.00	<2.00	<2.00
Aroclor 1242, ug/l	<2.00	<2.00	<2.00
Aroclor 1248, ug/l	<2.00	<2.00	<2.00
Aroclor 1254, ug/l	<2.00	<2.00	<2.00
Aroclor 1260, ug/l	<2.00	<2.00	<2.00

Date Sampled	7/1/2010	7/1/2010	7/1/2010
Location	Flood Plain	Flood Plain	North
	East	West	Sewer
VOC			
1,1,1-Trichloroethane, ug/l	<5.00	<5.00	<5.00
1,1,2,2-Tetrachloroethane, ug/l	<5.00	308	26.6
1,1,2-Trichloroethane, ug/l	<5.00	98.8	10.2
1,1-Dichloroethane, ug/l	<5.00	<5.00	<5.00
1,1-Dichloroethene, ug/l	<5.00	89.9	17.3
Choroform, ug/l	<5.00	<5.00	<5.00
cis-1,2-Dichloroethene, ug/l	157	7,920	3,000
Methylene Chloride, ug/l	<5.00	<5.00	<5.00
Tetrachloroethene, ug/l	7.66	77.8	20.5
Trichloroethene, ug/l	70.6	499	102
PCB			
Aroclor 1016, ug/l	<2.00	<2.00	<2.00

Detrex Ashtabula, OH Well Water and DNAPL Levels

November 30, 2012

November 7, 2012				
Well Number	Depth To Water	Depth to DNAPL	Depth to Bottom	Depth of DNAPL
RMW-1	4.30	21.90	26.50	4.60
RMW-2	5.10	20.30	23.60	3.30
RMW-3	7.60	17.40	24.70	7.30
MW-7	4.50	None	12.60	######
MW-10	10.60	None	19.70	None
MW-02S	4.00	None	14.90	None
MW-02D	5.60	None	52.20	None
MW-04S	7.60	None	16.50	None
MW-17D	6.60	None	50.30	None
MW-17S	16.70	None	17.20	None
MW-18D	9.40	None	52.50	None
MW-18S	15.40	None	17.10	None
MW-21	3.50	None	28.20	None
SLURRY NORTH	10.30	None	17.40	None
SLURRY SOUTH	8.40	None	21.40	None

Note: Depths measured in feet from top of outer protective casing.

July 12, 2012				
Well Number	Depth To Water	Depth to DNAPL	Depth to Bottom	Depth of DNAPL
RMW-1	4.50	20.20	26.60	6.40
RMW-2	5.50	None	23.70	######
RMW-3	9.90	15.00	24.30	9.30
MW-7	7.80	9.30	12.80	3.50
MW-10	7.40	None	19.90	None
MW-02S	9.80	None	15.00	None
MW-02D	5.70	None	52.30	None
MW-04S	6.70	None	16.70	None
MW-17D	3.70	None	50.30	None
MW-17S	14.60	None	17.20	None
MW-18D	3.80	None	52.50	None
MW-18S	12.10	None	13.90	None
MW-21	6.90	None	28.10	None
SLURRY NORTH	8.90	None	17.40	None
SLURRY SOUTH	9.20	None	21.60	None

Note: Depths measured in feet from top of outer protective casing.

April 19, 2012				
Well Number	**Depth To Water**	**Depth to DNAPL**	**Depth to Bottom**	**Depth of DNAPL**
RMW-1	3.80	None	26.60	######
RMW-2	5.40	None	23.50	######
RMW-3	6.50	None	24.50	######
MW-7	3.50	None	12.50	######
MW-10	4.60	None	19.80	None
MW-02S	4.10	None	14.90	None
MW-02D	5.80	None	52.20	None
MW-04S	7.00	None	16.50	None
MW-17D	3.00	None	50.40	None
MW-17S	3.40	None	17.20	None
MW-18D	3.70	None	52.60	None
MW-18S	1.00	None	17.20	None
MW-21	5.00	None	28.30	None
SLURRY NORTH	7.90	None	17.50	None
SLURRY SOUTH	11.50	None	21.70	None

Note: Depths measured in feet from top of outer protective casing.

January 11,2012				
Well Number	**Depth To Water**	**Depth to DNAPL**	**Depth to Bottom**	**Depth of DNAPL**
RMW-1	3.40	19.10	26.80	7.70
RMW-2	5.70	20.80	23.80	3.00
RMW-3	5.20	19.30	24.80	5.50
MW-7	3.70	11.50	12.00	0.50
MW-10	5.30	None	19.00	None
MW-02S	3.50	None	14.90	None
MW-02D	6.20	None	52.20	None
MW-04S	7.50	None	12.00	None
MW-17D	3.90	None	50.40	None
MW-17S	3.80	None	17.20	None
MW-18D	5.20	None	52.60	None
MW-18S	1.90	None	16.70	None
MW-21	4.10	None	28.20	None
SLURRY NORTH	7.30	None	17.60	None
SLURRY SOUTH	8.30	None	21.90	None

Note: Depths measured in feet from top of outer protective casing.

October 13,2011

Detrex Ashtabula, OH DNAPL Well VOC Analyses

November 30, 2012

Date Sampled	11/07/12	11/07/12	11/07/12	11/07/12	11/07/12	11/07/12	11/07/12	11/07/12	11/07/12
Well Number	MW-21	MW-02S	MW-04S	MW-10	MW-17S	MW-18S	RMI-N	RMI-S	Trip Blank
VOC									
1,1,1-Trichloroethane, ug/l	<5.0	<5.0	<250	<250	<5.0	<5.0	<5.0	<5.0	<5.0
1,1,2,2-Tetrachloroethane, ug/l	<5.0	<5.0	<250	2,620	<5.0	<5.0	<5.0	<5.0	<5.0
1,1,2-Trichloroethane, ug/l	<5.0	<5.0	<250	<250	<5.0	<5.0	<5.0	6.22	<5.0
1,1-Dichloroethene, ug/l	<5.0	<5.0	1,180	<250	<5.0	<5.0	<5.0	<5.0	<5.0
Choroform, ug/l	<5.0	<5.0	268	375	<5.0	<5.0	<5.0	5.1	<5.0
Methylene Chloride, ug/l	<10.0	<10.0	<1,000	<500	<10.0	<10.0	<10.0	<10.0	<10.0
Trichloroethene, ug/l	<5.0	<5.0	46,700	51,200	<5	<5.0	<5.0	2,400	<5.0

Date Sampled	07/12/12	07/12/12	07/12/12	07/12/12	07/12/12	07/12/12	07/12/12	07/12/12	07/12/12
Well Number	MW-21	MW-02S	MW-04S	MW-10	MW-17S	MW-18S	RMI-N	RMI-S	Trip Blank
VOC									
1,1,1-Trichloroethane, ug/l	<5.0	<5.0	<500	<500	<5.0	<5.0	<5.0	<5.0	<5.0
1,1,2,2-Tetrachloroethane, ug/l	<5.0	<5.0	<500	1,260	<5.0	<5.0	<5.0	<5.0	<5.0
1,1,2-Trichloroethane, ug/l	<5.0	<5.0	<500	<500	<5.0	<5.0	<5.0	<5.0	<5.0
1,1-Dichloroethene, ug/l	<5.0	<5.0	959	<500	<5.0	<5.0	<5.0	<5.0	<5.0
Choroform, ug/l	<5.0	<5.0	<500	<500	<5.0	<5.0	<5.0	<5.0	<5.0
Methylene Chloride, ug/l	<10.0	<10.0	<1,000	<1,000	<10.0	<10.0	<10.0	<10.0	<10.0
Trichloroethene, ug/l	<5.0	<5.0	37,000	49,100	<5	<5.0	<5.0	386	<5.0

Date Sampled	04/20/12	04/20/12	04/20/12	04/20/12	04/20/12	04/20/12	04/20/12	04/20/12	04/20/12
Well Number	MW-21	MW-02S	MW-04S	MW-10	MW-17S	MW-18S	RMI-N	RMI-S	Trip Blank
VOC									
1,1,1-Trichloroethane, ug/l	<5.0	<5.0	<500	<500	<5.0	<5.0	<5.0	<25.0	<5.0
1,1,2,2-Tetrachloroethane, ug/l	<5.0	<5.0	<500	1,820	<5.0	<5.0	<5.0	<25.0	<5.0
1,1,2-Trichloroethane, ug/l	<5.0	<5.0	<500	<500	<5.0	<5.0	<5.0	<25.0	<5.0
1,1-Dichloroethene, ug/l	<5.0	<5.0	973	<500	<5.0	<5.0	<5.0	<25.0	<5.0
Choroform, ug/l	<5.0	<5.0	<500	<500	<5.0	<5.0	<5.0	<25.0	<5.0

Methylene Chloride, ug/l	<10.0	<10.0	<1,000	<1,000	<10.0	<10.0	<10.0	<50.0	<10.0
Trichloroethene, ug/l	<5.0	<5.0	38,500	49,400	<5	<5.0	<5.0	91	<5.0

Date Sampled	01/11/12	01/11/12	01/11/12	01/11/12	01/11/12	01/11/12	01/11/12	01/11/12	01/11/12
Well Number	MW-21	MW-02S	MW-04S	MW-10	MW-17S	MW-18S	RMI-N	RMI-S	Trip Blank
VOC									
1,1,1-Trichloroethane, ug/l	<5.0	<5.0	<250	<250	<5.0	<5.0	<5.0	<5.0	<5.0
1,1,2,2-Tetrachloroethane, ug/l	<5.0	<5.0	<250	2,410	<5.0	<5.0	<5.0	<5.0	<5.0
1,1,2-Trichloroethane, ug/l	<5.0	<5.0	<250	<250	<5.0	<5.0	<5.0	<5.0	<5.0
1,1-Dichloroethene, ug/l	<5.0	<5.0	1,160	<250	<5.0	<5.0	<5.0	<5.0	<5.0
Choroform, ug/l	<5.0	<5.0	<250	<250	<5.0	<5.0	<5.0	<5.0	<5.0
Methylene Chloride, ug/l	<10.0	<10.0	<500	<500	<10.0	<10.0	<10.0	<10.0	<10.0
Trichloroethene, ug/l	<5.0	<5.0	39,700	45,600	<5.0	<5.0	<5.0	459	<5.0

Date Sampled	10/13/11	10/13/11	10/13/11	10/13/11	10/13/11	10/13/11	10/13/11	10/13/11	10/13/11
Well Number	MW-21	MW-02S	MW-04S	MW-10	MW-17S	MW-18S	RMI-N	RMI-S	Trip Blank
VOC									
1,1,1-Trichloroethane, ug/l	<5.0	<5.0	<250	<250	<5.0	<5.0	<5.0	<5.0	<5.0
1,1,2,2-Tetrachloroethane, ug/l	<5.0	<5.0	<250	2,040	<5.0	<5.0	<5.0	<5.0	<5.0
1,1,2-Trichloroethane, ug/l	<5.0	<5.0	<250	<250	<5.0	<5.0	<5.0	<5.0	<5.0
1,1-Dichloroethene, ug/l	<5.0	<5.0	<250	<250	<5.0	<5.0	<5.0	5.12	<5.0
Choroform, ug/l	<5.0	<5.0	<250	<250	<5.0	<5.0	<5.0	<5.0	<5.0
Methylene Chloride, ug/l	<10.0	<10.0	<500	<500	<10.0	<10.0	<10.0	<10.0	<10.0
Trichloroethene, ug/l	<5.0	<5.0	34,200	37,200	<5.0	<5.0	<5.0	1,800	<5.0

Date Sampled	07/14/11	07/14/11	07/14/11	07/14/11	07/14/11	07/14/11	07/14/11	07/14/11	07/14/11
Well Number	MW-21	MW-02S	MW-04S	MW-10	MW-17S	MW-18S	RMI-N	RMI-S	Trip Blank
VOC									
1,1,1-Trichloroethane, ug/l	<5.0	<5.0	<1,000	<1,000	<5.0	<5.0	<5.0	<5.0	<5.0
1,1,2,2-Tetrachloroethane, ug/l	<5.0	<5.0	<1,000	2,100	<5.0	<5.0	<5.0	<5.0	<5.0
1,1,2-Trichloroethane, ug/l	<5.0	<5.0	<1,000	<1,000	<5.0	<5.0	<5.0	<5.0	<5.0
1,1-Dichloroethene, ug/l	<5.0	<5.0	<1,000	<1,000	<5.0	<5.0	<5.0	<5.0	<5.0
Choroform, ug/l	<5.0	<5.0	<1,000	<1,000	<5.0	<5.0	<5.0	<5.0	<5.0
Methylene Chloride, ug/l	<10.0	<10.0	<2,000	<2,000	<10.0	<10.0	<10.0	<10.0	<5.0
Trichloroethene, ug/l	<5.0	<5.0	32,200	49,800	<5.0	<5.0	<5.0	65	<5.0

11/30/2012 13:30

Detrex Collection Trench Analyses

Note: Collection Trench #1 is the middle sump.
Collection Trench #2 is the eastern sump.
Collection Trench #3 is the western sump. Sump #3 pumps into Sump #1.

Date Sampled	10/4/2012	10/4/2012	10/4/2012
Sump Number	1	2	3
VOC			
1,1,1-Trichloroethane, ug/l	<5.00	<5.00	<5.0
1,1,2,2-Tetrachloroethane, ug/l	<5.00	34.1	<5.0
1,1,2-Trichloroethane, ug/l	<5.00	<5.00	<5.0
1,1-Dichloroethane, ug/l	<5.00	<5.00	<5.0
1,1-Dichloroethene, ug/l	<5.00	<5.00	<5.0
1,2-Dichloroethane, ug/l	<5.00	<5.00	<5.0
Choroform, ug/l	<5.00	<5.00	<5.0
cis-1,2-Dichloroethene, ug/l	5.2	106	<5.0
Methylene Chloride, ug/l	<10.0	<10.0	<10.0
Tetrachloroethene, ug/l	12.6	9.83	<5.0
trans-1,2-Dichloroethene, ug/l	<10.0	<10.0	<5.0
Trichloroethene, ug/l	26.5	63.1	<5.0
SVOC			
Date Sampled	10/4/2012	10/4/2012	10/4/2012
1,2,4-Trichlorobenzene, ug/l	<10.0	<10.0	<10.0
1,2-Dichlorobenzene, ug/l	<10.0	<10.0	<10.0
1,3-Dichlorobenzene, ug/l	<10.0	<10.0	<10.0
1,4-Dichlorobenzene, ug/l	<10.0	<10.0	<10.0
Hexachlorobenzene, ug/l	<10.0	<10.0	<10.0
Hexachlorobutadiene, ug/l	<10.0	<10.0	<10.0
Hexachloroethane,ug/l	<10.0	<10.0	<10.0

Note: Collection Trench #1 is the middle sump.
Collection Trench #2 is the eastern sump.
Collection Trench #3 is the western sump. Sump #3 pumps into Sump #1.

Date Sampled	10/12/2011	10/12/2011	10/12/2011
Sump Number	1	2	3
VOC			
1,1,1-Trichloroethane, ug/l	<5.00	<5.00	<5.0
1,1,2,2-Tetrachloroethane, ug/l	<5.00	<5.00	<5.0
1,1,2-Trichloroethane, ug/l	<5.00	<5.00	<5.0
1,1-Dichloroethane, ug/l	<5.00	<5.00	<5.0
1,1-Dichloroethene, ug/l	<5.00	<5.00	<5.0
1,2-Dichloroethane, ug/l	<5.00	<5.00	<5.0
Choroform, ug/l	<5.00	<5.00	<5.0
cis-1,2-Dichloroethene, ug/l	<5.00	9.65	<5.0
Methylene Chloride, ug/l	<10.0	<10.0	<10.0

Tetrachloroethene, ug/l	7.61	9.3	<5.0
trans-1,2-Dichloroethene, ug/l	<10.0	<10.0	<5.0
Trichloroethene, ug/l	6.56	38.8	<5.0
SVOC			
Date Sampled	10/12/2011	10/12/2011	10/12/2011
1,2,4-Trichlorobenzene, ug/l	<10.0	<10.0	<10.0
1,2-Dichlorobenzene, ug/l	<10.0	<10.0	<10.0
1,3-Dichlorobenzene, ug/l	<10.0	<10.0	<10.0
1,4-Dichlorobenzene, ug/l	<10.0	<10.0	<10.0
Hexachlorobenzene, ug/l	<10.0	<10.0	<10.0
Hexachlorobutadiene, ug/l	<10.0	<10.0	<10.0
Hexachloroethane,ug/l	<10.0	<10.0	<10.0

Note: Collection Trench #1 is the middle sump.
Collection Trench #2 is the eastern sump.
Collection Trench #3 is the western sump. Sump #3 pumps into Sump #1.

Date Sampled	4/1/2011	4/1/2011	4/1/2011
Sump Number	1	2	3
VOC			
1,1,1-Trichloroethane, ug/l	<5.00	<5.00	<5.0
1,1,2,2-Tetrachloroethane, ug/l	<5.00	7.69	<5.0
1,1,2-Trichloroethane, ug/l	<5.00	<5.00	<5.0
1,1-Dichloroethane, ug/l	<5.00	<5.00	<5.0
1,1-Dichloroethene, ug/l	<5.00	<5.00	<5.0
1,2-Dichloroethane, ug/l	<5.00	<5.00	<5.0
Choroform, ug/l	<5.00	<5.00	<5.0
cis-1,2-Dichloroethene, ug/l	<5.00	105	<5.0
Methylene Chloride, ug/l	<10.0	<10.0	<10.0
Tetrachloroethene, ug/l	5.53	9.68	<5.0
trans-1,2-Dichloroethene, ug/l	<10.0	<10.0	<5.0
Trichloroethene, ug/l	<5.00	6.8	<5.0
SVOC			
Date Sampled	4/1/2011	4/1/2011	4/1/2011
1,2,4-Trichlorobenzene, ug/l	<10.0	<10.0	<10.0
1,2-Dichlorobenzene, ug/l	<10.0	<10.0	<10.0
1,3-Dichlorobenzene, ug/l	<10.0	<10.0	<10.0
1,4-Dichlorobenzene, ug/l	<10.0	<10.0	<10.0
Hexachlorobenzene, ug/l	<10.0	<10.0	<10.0
Hexachlorobutadiene, ug/l	<10.0	<10.0	<10.0
Hexachloroethane,ug/l	<10.0	<10.0	<10.0

Note: Collection Trench #1 is the middle sump.
Collection Trench #2 is the eastern sump.
Collection Trench #3 is the western sump. Sump #3 pumps into Sump #1.

Date Sampled	7/26/2010	7/26/2010	7/26/2010
Sump Number	1	2	3
VOC			
1,1,1-Trichloroethane, ug/l	<5.00	<5.00	<5.0

Detrex
CHEMICALS DIVISION

October 16, 2012

Mr. Owen Thompson
United States Environmental Protection Agency
Office of Superfund, Region 5
SR-6J
77 West Jackson Blvd.
Chicago, IL 60604-3590

Certified Mail, Return Receipt: 7004 1160 0003 4669 1767

Subject: Monthly Status Report-September 2012
Fields Brook Superfund Site
Detrex Source Area-Ashtabula, Ohio

Dear Mr. Thompson,

Detrex is submitting the enclosed monthly status report for the month of September 2012, for the Detrex Source Area Project.

If you have any questions, please contact me at (440) 997-6131, ext. 201.

Sincerely,

Thomas W. Steib

Thomas W. Steib
Vice President Manufacturing

cc: T. Doll, D. Church, R. Currie, J. Vence, K. Buell, URS, R. Williams

FIELDS BROOK SUPERFUND SITE, OPERABLE UNIT #2
DETREX SOURCE AREA
MONTHLY TECHNICAL STATUS REPORT

Project Phase: Remedial Design and Remedial Action.

Prepared by: Tom Steib of Detrex Corporation.

Period: Month of September 2012.

1. Progress Made This Reporting Period:

ACTIVITY	THIS PERIOD GALLONS	YEAR TO DATE GALLONS	TOTAL GALLONS
Estimated DNAPL Recovered	**-0- (Does not include volume in inside settling tank)**	**-0-**	**17,480**
DNAPL Disposed	**-0-**	**-0-**	**17,480**

A. There were -0- gallons of DNAPL pumped from the inside settling tank to the outside settling tank during January.
B. Vacuum ranges between 8 to 9 inches of mercury.
C. Wells 1, 2, 4, 5, 6, 8, 9, 10, and 11 are being pumped on a regular basis.
D. Wells 3 and 7 are not pumpable and will be repaired.
E. Wells 13 and 14 do not pump.
F. Well 12 was taken out to inspect sand pack, etc during experimental well installation in October.
G. All pumpable wells have to be flushed with water frequently to get the sediment out of the well insert to be able to pump.
H. Generating excessive amount of silt with the northern wells showing more silt than the east wells. Some of this silt causes difficulty in phase separation. Some of the silt settles to the bottom, while some silt gets caught in the rag layer between the DNAPL and the water, making the phase separation more difficult.
I. NPDES Compliance. Detrex is in full compliance of our NPDES permit for the month of September 2012. A copy of the MOR is available upon request.

2. Work Planned During the Next 90 Days.

A. Continue re-developing the wells due to excessive silt build up.
B. All wells that are not pumpable will be attempted to be brought back on line.
C. Continue general repair.
D. Winterizing for the upcoming winter.
E. Six experimental wells will be installed in October.

Detrex
CHEMICALS DIVISION

September 18, 2012

Mr. Owen Thompson
United States Environmental Protection Agency
Office of Superfund, Region 5
SR-6J
77 West Jackson Blvd.
Chicago, IL 60604-3590

Certified Mail, Return Receipt: 7004 1160 0003 4669 1750

Subject: Monthly Status Report-August 2012
Fields Brook Superfund Site
Detrex Source Area-Ashtabula, Ohio

Dear Mr. Thompson,

Detrex is submitting the enclosed monthly status report for the month of August 2012, for the Detrex Source Area Project.

If you have any questions, please contact me at (440) 997-6131, ext. 201.

Sincerely,

Thomas W. Steib
Vice President Manufacturing

cc: T. Doll, D. Church, R. Currie, J. Vence, K. Buell, URS, R. Williams

FIELDS BROOK SUPERFUND SITE, OPERABLE UNIT #2
DETREX SOURCE AREA
MONTHLY TECHNICAL STATUS REPORT

Project Phase: Remedial Design and Remedial Action.

Prepared by: Tom Steib of Detrex Corporation.

Period: Month of August 2012.

1. Progress Made This Reporting Period:

ACTIVITY	THIS PERIOD GALLONS	YEAR TO DATE GALLONS	TOTAL GALLONS
Estimated DNAPL Recovered	**-0- (Does not include volume in inside settling tank)**	**-0-**	**17,480**
DNAPL Disposed	**-0-**	**-0-**	**17,480**

A. There were -0- gallons of DNAPL pumped from the inside settling tank to the outside settling tank during January.
B. Vacuum ranges between 8 to 9 inches of mercury.
C. Wells 1, 2, 4, 5, 6, 8, 9, 10, 11, and 12 are being pumped on a regular basis.
D. Wells 3 and 7 are not pumpable and will be repaired.
E. Wells 13 and 14 do not pump.
F. All pumpable wells have to be flushed with water frequently to get the sediment out of the well insert to be able to pump.
G. Generating excessive amount of silt with the northern wells showing more silt than the east wells. Some of this silt causes difficulty in phase separation. Some of the silt settles to the bottom, while some silt gets caught in the rag layer between the DNAPL and the water, making the phase separation more difficult.
H. NPDES Compliance. Detrex is in full compliance of our NPDES permit for the month of August 2012. A copy of the MOR is available upon request.

2. Work Planned During the Next 90 Days.

A. Continue re-developing the wells due to excessive silt build up.
B. All wells that are not pumpable will be attempted to be brought back on line.
C. Continue general repair.
D. Winterizing for the upcoming winter.
E. Work plan for six experimental wells has been approved and project is proceeding forward.

Detrex
CHEMICALS DIVISION

August 20, 2012

Mr. Owen Thompson
United States Environmental Protection Agency
Office of Superfund, Region 5
SR-6J
77 West Jackson Blvd.
Chicago, IL 60604-3590

Certified Mail, Return Receipt: 7004 1160 0003 4669 1736

Subject: Monthly Status Report-July 2012
Fields Brook Superfund Site
Detrex Source Area-Ashtabula, Ohio

Dear Mr. Thompson,

Detrex is submitting the enclosed monthly status report for the month of July 2012, for the Detrex Source Area Project.

If you have any questions, please contact me at (440) 997-6131, ext. 201.

Sincerely,

Thomas W. Steib
Vice President Manufacturing

cc: T. Doll, D. Church, R. Currie, J. Vence, K. Buell, URS, R. Williams

FIELDS BROOK SUPERFUND SITE, OPERABLE UNIT #2
DETREX SOURCE AREA
MONTHLY TECHNICAL STATUS REPORT

Project Phase: Remedial Design and Remedial Action.

Prepared by: Tom Steib of Detrex Corporation.

Period: Month of July 2012.

1. Progress Made This Reporting Period:

ACTIVITY	THIS PERIOD GALLONS	YEAR TO DATE GALLONS	TOTAL GALLONS
Estimated DNAPL Recovered	**-0- (Does not include volume in inside settling tank)**	**-0-**	**17,480**
DNAPL Disposed	**-0-**	**-0-**	**17,480**

A. There were -0- gallons of DNAPL pumped from the inside settling tank to the outside settling tank during January.
B. Vacuum ranges between 8 to 9 inches of mercury.
C. Wells 1, 2, 4, 5, 6, 8, 9, 10, 11, and 12 are being pumped on a regular basis.
D. Wells 3 and 7 are not pumpable and will be repaired.
E. Wells 13 and 14 do not pump.
F. All pumpable wells have to be flushed with water frequently to get the sediment out of the well insert to be able to pump.
G. Generating excessive amount of silt with the northern wells showing more silt than the east wells. Some of this silt causes difficulty in phase separation. Some of the silt settles to the bottom, while some silt gets caught in the rag layer between the DNAPL and the water, making the phase separation more difficult.
H. The stainless steel inserts of each well are in the process of being replaced. The inserts are corroded and need to be changed.
I. The DNAPL sample wells were sampled and the DNAPL level was monitored in July.
J. NPDES Compliance. Detrex is in full compliance of our NPDES permit for the month of July 2012. A copy of the MOR is available upon request.

2. Work Planned During the Next 90 Days.

A. Continue re-developing the wells due to excessive silt build up.
B. All wells that are not pumpable will be attempted to be brought back on line.
C. Continue general repair.
D. Winterizing for the upcoming winter.
E. Work plan for six experimental wells is due August 24.

Detrex Ashtabula, OH DNAPL Well VOC Analyses

August 20, 2012

Date Sampled	07/12/12	07/12/12	07/12/12	07/12/12	07/12/12	07/12/12	07/12/12	07/12/12	07/12/12
Well Number	MW-21	MW-02S	MW-04S	MW-10	MW-17S	MW-18S	RMI-N	RMI-S	Trip Blank
VOC									
1,1,1-Trichloroethane, ug/l	<5.0	<5.0	<500	<500	<5.0	<5.0	<5.0	<5.0	<5.0
1,1,2,2-Tetrachloroethane, ug/l	<5.0	<5.0	<500	1,260	<5.0	<5.0	<5.0	<5.0	<5.0
1,1,2-Trichloroethane, ug/l	<5.0	<5.0	<500	<500	<5.0	<5.0	<5.0	<5.0	<5.0
1,1-Dichloroethene, ug/l	<5.0	<5.0	959	<500	<5.0	<5.0	<5.0	<5.0	<5.0
Choroform, ug/l	<5.0	<5.0	<500	<500	<5.0	<5.0	<5.0	<5.0	<5.0
Methylene Chloride, ug/l	<10.0	<10.0	<1,000	<1,000	<10.0	<10.0	<10.0	<10.0	<10.0
Trichloroethene, ug/l	<5.0	<5.0	37,000	49,100	<5	<5.0	<5.0	386	<5.0

Date Sampled	04/20/12	04/20/12	04/20/12	04/20/12	04/20/12	04/20/12	04/20/12	04/20/12	04/20/12
Well Number	MW-21	MW-02S	MW-04S	MW-10	MW-17S	MW-18S	RMI-N	RMI-S	Trip Blank
VOC									
1,1,1-Trichloroethane, ug/l	<5.0	<5.0	<500	<500	<5.0	<5.0	<5.0	<25.0	<5.0
1,1,2,2-Tetrachloroethane, ug/l	<5.0	<5.0	<500	1,820	<5.0	<5.0	<5.0	<25.0	<5.0
1,1,2-Trichloroethane, ug/l	<5.0	<5.0	<500	<500	<5.0	<5.0	<5.0	<25.0	<5.0
1,1-Dichloroethene, ug/l	<5.0	<5.0	973	<500	<5.0	<5.0	<5.0	<25.0	<5.0
Choroform, ug/l	<5.0	<5.0	<500	<500	<5.0	<5.0	<5.0	<25.0	<5.0
Methylene Chloride, ug/l	<10.0	<10.0	<1,000	<1,000	<10.0	<10.0	<10.0	<50.0	<10.0
Trichloroethene, ug/l	<5.0	<5.0	38,500	49,400	<5	<5.0	<5.0	91	<5.0

Date Sampled	01/11/12	01/11/12	01/11/12	01/11/12	01/11/12	01/11/12	01/11/12	01/11/12	01/11/12
Well Number	MW-21	MW-02S	MW-04S	MW-10	MW-17S	MW-18S	RMI-N	RMI-S	Trip Blank
VOC									
1,1,1-Trichloroethane, ug/l	<5.0	<5.0	<250	<250	<5.0	<5.0	<5.0	<5.0	<5.0
1,1,2,2-Tetrachloroethane, ug/l	<5.0	<5.0	<250	2,410	<5.0	<5.0	<5.0	<5.0	<5.0
1,1,2-Trichloroethane, ug/l	<5.0	<5.0	<250	<250	<5.0	<5.0	<5.0	<5.0	<5.0
1,1-Dichloroethene, ug/l	<5.0	<5.0	1,160	<250	<5.0	<5.0	<5.0	<5.0	<5.0
Choroform, ug/l	<5.0	<5.0	<250	<250	<5.0	<5.0	<5.0	<5.0	<5.0

Methylene Chloride, ug/l	<10.0	<10.0	<500	<500	<10.0	<10.0	<10.0	<10.0	<10.0
Trichloroethene, ug/l	<5.0	<5.0	39,700	45,600	<5.0	<5.0	<5.0	459	<5.0

Date Sampled	10/13/11	10/13/11	10/13/11	10/13/11	10/13/11	10/13/11	10/13/11	10/13/11	10/13/11
Well Number	MW-21	MW-02S	MW-04S	MW-10	MW-17S	MW-18S	RMI-N	RMI-S	Trip Blank
VOC									
1,1,1-Trichloroethane, ug/l	<5.0	<5.0	<250	<250	<5.0	<5.0	<5.0	<5.0	<5.0
1,1,2,2-Tetrachloroethane, ug/l	<5.0	<5.0	<250	2,040	<5.0	<5.0	<5.0	<5.0	<5.0
1,1,2-Trichloroethane, ug/l	<5.0	<5.0	<250	<250	<5.0	<5.0	<5.0	<5.0	<5.0
1,1-Dichloroethene, ug/l	<5.0	<5.0	<250	<250	<5.0	<5.0	<5.0	5.12	<5.0
Choroform, ug/l	<5.0	<5.0	<250	<250	<5.0	<5.0	<5.0	<5.0	<5.0
Methylene Chloride, ug/l	<10.0	<10.0	<500	<500	<10.0	<10.0	<10.0	<10.0	<10.0
Trichloroethene, ug/l	<5.0	<5.0	34,200	37,200	<5.0	<5.0	<5.0	1,800	<5.0

Date Sampled	07/14/11	07/14/11	07/14/11	07/14/11	07/14/11	07/14/11	07/14/11	07/14/11	07/14/11
Well Number	MW-21	MW-02S	MW-04S	MW-10	MW-17S	MW-18S	RMI-N	RMI-S	Trip Blank
VOC									
1,1,1-Trichloroethane, ug/l	<5.0	<5.0	<1,000	<1,000	<5.0	<5.0	<5.0	<5.0	<5.0
1,1,2,2-Tetrachloroethane, ug/l	<5.0	<5.0	<1,000	2,100	<5.0	<5.0	<5.0	<5.0	<5.0
1,1,2-Trichloroethane, ug/l	<5.0	<5.0	<1,000	<1,000	<5.0	<5.0	<5.0	<5.0	<5.0
1,1-Dichloroethene, ug/l	<5.0	<5.0	<1,000	<1,000	<5.0	<5.0	<5.0	<5.0	<5.0
Choroform, ug/l	<5.0	<5.0	<1,000	<1,000	<5.0	<5.0	<5.0	<5.0	<5.0
Methylene Chloride, ug/l	<10.0	<10.0	<2,000	<2,000	<10.0	<10.0	<10.0	<10.0	<5.0
Trichloroethene, ug/l	<5.0	<5.0	32,200	49,800	<5.0	<5.0	<5.0	65	<5.0

Date Sampled	04/07/11	04/07/11	04/07/11	04/07/11	04/07/11	04/07/11	04/07/11	04/07/11	04/07/11
Well Number	MW-21	MW-02S	MW-04S	MW-10	MW-17S	MW-18S	RMI-N	RMI-S	Trip Blank
VOC									
1,1,1-Trichloroethane, ug/l	<5.0	<5.0	<1,000	<1,000	<5.0	<5.0	<5.0	<25.0	<5.0
1,1,2,2-Tetrachloroethane, ug/l	<5.0	<5.0	<1,000	1,900	<5.0	<5.0	<5.0	<25.0	<5.0
1,1,2-Trichloroethane, ug/l	<5.0	<5.0	<1,000	<1,000	<5.0	<5.0	<5.0	<25.0	<5.0
1,1-Dichloroethene, ug/l	<5.0	<5.0	<1,000	<1,000	<5.0	<5.0	<5.0	<25.0	<5.0
Choroform, ug/l	<5.0	<5.0	<1,000	<1,000	<5.0	<5.0	<5.0	<25.0	<5.0
Methylene Chloride, ug/l	<10.0	<10.0	<2,000	<2,000	<10.0	<10.0	<10.0	<50.0	<5.0

Detrex Ashtabula, OH Well Water and DNAPL Levels

August 20, 2012

July 12, 2012				
Well Number	Depth To Water	Depth to DNAPL	Depth to Bottom	Depth of DNAPL
RMW-1	4.50	20.20	26.60	6.40
RMW-2	5.50	None	23.70	######
RMW-3	9.90	15.00	24.30	9.30
MW-7	7.80	9.30	12.80	3.50
MW-10	7.40	None	19.90	None
MW-02S	9.80	None	15.00	None
MW-02D	5.70	None	52.30	None
MW-04S	6.70	None	16.70	None
MW-17D	3.70	None	50.30	None
MW-17S	14.60	None	17.20	None
MW-18D	3.80	None	52.50	None
MW-18S	12.10	None	13.90	None
MW-21	6.90	None	28.10	None
SLURRY NORTH	8.90	None	17.40	None
SLURRY SOUTH	9.20	None	21.60	None

Note: Depths measured in feet from top of outer protective casing.

April 19, 2012				
Well Number	Depth To Water	Depth to DNAPL	Depth to Bottom	Depth of DNAPL
RMW-1	3.80	None	26.60	######
RMW-2	5.40	None	23.50	######
RMW-3	6.50	None	24.50	######
MW-7	3.50	None	12.50	######
MW-10	4.60	None	19.80	None
MW-02S	4.10	None	14.90	None
MW-02D	5.80	None	52.20	None
MW-04S	7.00	None	16.50	None
MW-17D	3.00	None	50.40	None
MW-17S	3.40	None	17.20	None
MW-18D	3.70	None	52.60	None
MW-18S	1.00	None	17.20	None
MW-21	5.00	None	28.30	None
SLURRY NORTH	7.90	None	17.50	None
SLURRY SOUTH	11.50	None	21.70	None

Note: Depths measured in feet from top of outer protective casing.

January 11,2012				
Well Number	Depth To Water	Depth to DNAPL	Depth to Bottom	Depth of DNAPL
RMW-1	3.40	19.10	26.80	7.70
RMW-2	5.70	20.80	23.80	3.00
RMW-3	5.20	19.30	24.80	5.50
MW-7	3.70	11.50	12.00	0.50
MW-10	5.30	None	19.00	None
MW-02S	3.50	None	14.90	None
MW-02D	6.20	None	52.20	None
MW-04S	7.50	None	12.00	None
MW-17D	3.90	None	50.40	None
MW-17S	3.80	None	17.20	None
MW-18D	5.20	None	52.60	None
MW-18S	1.90	None	16.70	None
MW-21	4.10	None	28.20	None
SLURRY NORTH	7.30	None	17.60	None
SLURRY SOUTH	8.30	None	21.90	None

Note: Depths measured in feet from top of outer protective casing.

October 13,2011				
Well Number	Depth To Water	Depth to DNAPL	Depth to Bottom	Depth of DNAPL
RMW-1	4.90	21.80	26.50	4.70
RMW-2	5.70	20.50	23.70	3.20
RMW-3	8.10	17.70	24.50	6.80
MW-7	4.90	None	15.50	None
MW-10	5.50	None	20.10	None
MW-02S	4.10	None	14.90	None
MW-02D	6.20	None	52.20	None
MW-04S	7.30	None	16.60	None
MW-17D	7.40	None	50.30	None
MW-17S	5.90	None	17.20	None
MW-18D	6.50	None	52.50	None
MW-18S	4.20	None	17.20	None
MW-21	5.10	None	28.10	None
SLURRY NORTH	11.50	None	17.70	None
SLURRY SOUTH	11.10	None	21.90	None

Note: Depths measured in feet from top of outer protective casing.

Detrex
CHEMICALS DIVISION

July 20, 2012

Mr. Owen Thompson
United States Environmental Protection Agency
Office of Superfund, Region 5
SR-6J
77 West Jackson Blvd.
Chicago, IL 60604-3590

Certified Mail, Return Receipt: 7004 1160 0003 4669 1712

Subject: Monthly Status Report-June 2012
Fields Brook Superfund Site
Detrex Source Area-Ashtabula, Ohio

Dear Mr. Thompson,

Detrex is submitting the enclosed monthly status report for the month of June 2012, for the Detrex Source Area Project.

If you have any questions, please contact me at (440) 997-6131, ext. 201.

Sincerely,

Thomas W. Steib

Thomas W. Steib
Vice President Manufacturing

cc: T. Doll, D. Church, R. Currie, J. Vence, K. Buell, URS, R. Williams

FIELDS BROOK SUPERFUND SITE, OPERABLE UNIT #2
DETREX SOURCE AREA
MONTHLY TECHNICAL STATUS REPORT

Project Phase: Remedial Design and Remedial Action.

Prepared by: Tom Steib of Detrex Corporation.

Period: Month of June 2012.

1. Progress Made This Reporting Period:

ACTIVITY	THIS PERIOD GALLONS	YEAR TO DATE GALLONS	TOTAL GALLONS
Estimated DNAPL Recovered	**-0- (Does not include volume in inside settling tank)**	**-0-**	**17,480**
DNAPL Disposed	**-0-**	**-0-**	**17,480**

A. There were -0- gallons of DNAPL pumped from the inside settling tank to the outside settling tank during January.
B. Vacuum ranges between 8 to 9 inches of mercury.
C. Wells 1, 2, 4, 5, 6, 8, 9, 10, 11, and 12 are being pumped on a regular basis.
D. Wells 3 and 7 are not pumpable and will be repaired.
E. Wells 13 and 14 do not pump.
F. All pumpable wells have to be flushed with water frequently to get the sediment out of the well insert to be able to pump.
G. Generating excessive amount of silt with the northern wells showing more silt than the east wells. Some of this silt causes difficulty in phase separation. Some of the silt settles to the bottom, while some silt gets caught in the rag layer between the DNAPL and the water, making the phase separation more difficult.
H. The stainless steel inserts of each well are in the process of being replaced. The inserts are corroded and need to be changed.
I. NPDES Compliance. Detrex is in full compliance of our NPDES permit for the month of June 2012. A copy of the MOR is available upon request. The mercury for both 800 and 002 outfalls were not reported due to a lab incident.

2. Work Planned During the Next 90 Days.

A. Continue re-developing the wells due to excessive silt build up.
B. All wells that are not pumpable will be attempted to be brought back on line.
C. Continue general repair.
D. Winterizing for the upcoming winter.

Detrex
CHEMICALS DIVISION

June 15, 2012

Mr. Owen Thompson
United States Environmental Protection Agency
Office of Superfund, Region 5
SR-6J
77 West Jackson Blvd.
Chicago, IL 60604-3590

Certified Mail, Return Receipt: 7004 1160 0003 4669 1699

Subject: Monthly Status Report-May 2012
Fields Brook Superfund Site
Detrex Source Area-Ashtabula, Ohio

Dear Mr. Thompson,

Detrex is submitting the enclosed monthly status report for the month of May 2012, for the Detrex Source Area Project.

If you have any questions, please contact me at (440) 997-6131, ext. 201.

Sincerely,

Thomas W. Steib
Vice President Manufacturing

cc: T. Doll, D. Church, R. Currie, J. Vence, K. Buell, URS, R. Williams

FIELDS BROOK SUPERFUND SITE, OPERABLE UNIT #2
DETREX SOURCE AREA
MONTHLY TECHNICAL STATUS REPORT

Project Phase: Remedial Design and Remedial Action.

Prepared by: Tom Steib of Detrex Corporation.

Period: Month of May 2012.

1. Progress Made This Reporting Period:

ACTIVITY	THIS PERIOD GALLONS	YEAR TO DATE GALLONS	TOTAL GALLONS
Estimated DNAPL Recovered	**-0- (Does not include volume in inside settling tank)**	**-0-**	**17,480**
DNAPL Disposed	**-0-**	**-0-**	**17,480**

A. There were -0- gallons of DNAPL pumped from the inside settling tank to the outside settling tank during January.
B. Vacuum ranges between 8 to 9 inches of mercury.
C. Wells 1, 2, 4, 5, 6, 8, 9, 10, 11, and 12 are being pumped on a regular basis.
D. Wells 3 and 7 are not pumpable and will be repaired.
E. Wells 13 and 14 do not pump.
F. All pumpable wells have to be flushed with water frequently to get the sediment out of the well insert to be able to pump.
G. Generating excessive amount of silt with the northern wells showing more silt than the east wells. Some of this silt causes difficulty in phase separation. Some of the silt settles to the bottom, while some silt gets caught in the rag layer between the DNAPL and the water, making the phase separation more difficult.
H. Our sample wells on our property were sampled and analyzed. Results are attached.
I. NPDES Compliance. Detrex is in full compliance of our NPDES permit for the month of May 2012. A copy of the MOR is available upon request.

2. Work Planned During the Next 90 Days.

A. Continue re-developing the wells due to excessive silt build up.
B. All wells that are not pumpable will be attempted to be brought back on line.
C. Continue general repair.

Detrex Ashtabula, OH DNAPL Well VOC Analyses

June 15, 2012

Date Sampled	04/20/12	04/20/12	04/20/12	04/20/12	04/20/12	04/20/12	04/20/12	04/20/12	04/20/12
Well Number	MW-21	MW-02S	MW-04S	MW-10	MW-17S	MW-18S	RMI-N	RMI-S	Trip Blank
VOC									
1,1,1-Trichloroethane, ug/l	<5.0	<5.0	<500	<500	<5.0	<5.0	<5.0	<25.0	<5.0
1,1,2,2-Tetrachloroethane, ug/l	<5.0	<5.0	<500	1,820	<5.0	<5.0	<5.0	<25.0	<5.0
1,1,2-Trichloroethane, ug/l	<5.0	<5.0	<500	<500	<5.0	<5.0	<5.0	<25.0	<5.0
1,1-Dichloroethene, ug/l	<5.0	<5.0	973	<500	<5.0	<5.0	<5.0	<25.0	<5.0
Choroform, ug/l	<5.0	<5.0	<500	<500	<5.0	<5.0	<5.0	<25.0	<5.0
Methylene Chloride, ug/l	<10.0	<10.0	<1,000	<1,000	<10.0	<10.0	<10.0	<50.0	<10.0
Trichloroethene, ug/l	<5.0	<5.0	38,500	49,400	<5	<5.0	<5.0	91	<5.0

Date Sampled	01/11/12	01/11/12	01/11/12	01/11/12	01/11/12	01/11/12	01/11/12	01/11/12	01/11/12
Well Number	MW-21	MW-02S	MW-04S	MW-10	MW-17S	MW-18S	RMI-N	RMI-S	Trip Blank
VOC									
1,1,1-Trichloroethane, ug/l	<5.0	<5.0	<250	<250	<5.0	<5.0	<5.0	<5.0	<5.0
1,1,2,2-Tetrachloroethane, ug/l	<5.0	<5.0	<250	2,410	<5.0	<5.0	<5.0	<5.0	<5.0
1,1,2-Trichloroethane, ug/l	<5.0	<5.0	<250	<250	<5.0	<5.0	<5.0	<5.0	<5.0
1,1-Dichloroethene, ug/l	<5.0	<5.0	1,160	<250	<5.0	<5.0	<5.0	<5.0	<5.0
Choroform, ug/l	<5.0	<5.0	<250	<250	<5.0	<5.0	<5.0	<5.0	<5.0
Methylene Chloride, ug/l	<10.0	<10.0	<500	<500	<10.0	<10.0	<10.0	<10.0	<10.0
Trichloroethene, ug/l	<5.0	<5.0	39,700	45,600	<5.0	<5.0	<5.0	459	<5.0

Date Sampled	10/13/11	10/13/11	10/13/11	10/13/11	10/13/11	10/13/11	10/13/11	10/13/11	10/13/11
Well Number	MW-21	MW-02S	MW-04S	MW-10	MW-17S	MW-18S	RMI-N	RMI-S	Trip Blank
VOC									
1,1,1-Trichloroethane, ug/l	<5.0	<5.0	<250	<250	<5.0	<5.0	<5.0	<5.0	<5.0
1,1,2,2-Tetrachloroethane, ug/l	<5.0	<5.0	<250	2,040	<5.0	<5.0	<5.0	<5.0	<5.0
1,1,2-Trichloroethane, ug/l	<5.0	<5.0	<250	<250	<5.0	<5.0	<5.0	<5.0	<5.0
1,1-Dichloroethene, ug/l	<5.0	<5.0	<250	<250	<5.0	<5.0	<5.0	5.12	<5.0
Choroform, ug/l	<5.0	<5.0	<250	<250	<5.0	<5.0	<5.0	<5.0	<5.0

Methylene Chloride, ug/l	<10.0	<10.0	<500	<500	<10.0	<10.0	<10.0	<10.0	<10.0
Trichloroethene, ug/l	<5.0	<5.0	34,200	37,200	<5.0	<5.0	<5.0	1,800	<5.0

Date Sampled	07/14/11	07/14/11	07/14/11	07/14/11	07/14/11	07/14/11	07/14/11	07/14/11	07/14/11
Well Number	MW-21	MW-02S	MW-04S	MW-10	MW-17S	MW-18S	RMI-N	RMI-S	Trip Blank
VOC									
1,1,1-Trichloroethane, ug/l	<5.0	<5.0	<1,000	<1,000	<5.0	<5.0	<5.0	<5.0	<5.0
1,1,2,2-Tetrachloroethane, ug/l	<5.0	<5.0	<1,000	2,100	<5.0	<5.0	<5.0	<5.0	<5.0
1,1,2-Trichloroethane, ug/l	<5.0	<5.0	<1,000	<1,000	<5.0	<5.0	<5.0	<5.0	<5.0
1,1-Dichloroethene, ug/l	<5.0	<5.0	<1,000	<1,000	<5.0	<5.0	<5.0	<5.0	<5.0
Choroform, ug/l	<5.0	<5.0	<1,000	<1,000	<5.0	<5.0	<5.0	<5.0	<5.0
Methylene Chloride, ug/l	<10.0	<10.0	<2,000	<2,000	<10.0	<10.0	<10.0	<10.0	<5.0
Trichloroethene, ug/l	<5.0	<5.0	32,200	49,800	<5.0	<5.0	<5.0	65	<5.0

Date Sampled	04/07/11	04/07/11	04/07/11	04/07/11	04/07/11	04/07/11	04/07/11	04/07/11	04/07/11
Well Number	MW-21	MW-02S	MW-04S	MW-10	MW-17S	MW-18S	RMI-N	RMI-S	Trip Blank
VOC									
1,1,1-Trichloroethane, ug/l	<5.0	<5.0	<1,000	<1,000	<5.0	<5.0	<5.0	<25.0	<5.0
1,1,2,2-Tetrachloroethane, ug/l	<5.0	<5.0	<1,000	1,900	<5.0	<5.0	<5.0	<25.0	<5.0
1,1,2-Trichloroethane, ug/l	<5.0	<5.0	<1,000	<1,000	<5.0	<5.0	<5.0	<25.0	<5.0
1,1-Dichloroethene, ug/l	<5.0	<5.0	<1,000	<1,000	<5.0	<5.0	<5.0	<25.0	<5.0
Choroform, ug/l	<5.0	<5.0	<1,000	<1,000	<5.0	<5.0	<5.0	<25.0	<5.0
Methylene Chloride, ug/l	<10.0	<10.0	<2,000	<2,000	<10.0	<10.0	<10.0	<50.0	<5.0
Trichloroethene, ug/l	<5.0	<5.0	40,000	58,300	<5.0	<5.0	27.9	261	<5.0

Date Sampled	01/06/11	01/06/11	01/06/11	01/06/11	01/06/11	01/06/11	01/06/11	01/06/11	01/06/11
Well Number	MW-21	MW-02S	MW-04S	MW-10	MW-17S	MW-18S	RMI-N	RMI-S	Trip Blank
VOC									
1,1,1-Trichloroethane, ug/l	<5.0	<5.0	<250	<250	<5.0	<5.0	<5.0	<5.0	<5.0
1,1,2,2-Tetrachloroethane, ug/l	<5.0	<5.0	<250	1,710	<5.0	<5.0	<5.0	<5.0	<5.0
1,1,2-Trichloroethane, ug/l	<5.0	<5.0	<250	<250	<5.0	<5.0	<5.0	<5.0	<5.0
1,1-Dichloroethene, ug/l	<5.0	<5.0	1,310	<250	<5.0	<5.0	<5.0	<5.0	<5.0
Choroform, ug/l	<5.0	<5.0	<250	<250	<5.0	<5.0	<5.0	<5.0	<5.0
Methylene Chloride, ug/l	<10.0	<10.0	<500	<500	<10.0	<10.0	<10.0	<10.0	<5.0

Trichloroethene, ug/l	<5.0	<5.0	37,800	57,000	<5.0	<5.0	<5.0	454	<5.0

Date Sampled	11/24/10	12/08/10	11/04/10	11/04/10	12/08/10	11/04/10	11/04/10	11/04/10	11/04/10
Well Number	MW-21	MW-02S	MW-04S	MW-10	MW-17S	MW-18S	RMI-N	RMI-S	Trip Blank
VOC									
1,1,1-Trichloroethane, ug/l	<5.0	<5.0	<500	<250	<5.0	<5.0	<5.0	<5.0	<5.0
1,1,2,2-Tetrachloroethane, ug/l	<5.0	<5.0	<500	1,180	<5.0	<5.0	<5.0	<5.0	<5.0
1,1,2-Trichloroethane, ug/l	<5.0	<5.0	<500	<250	<5.0	<5.0	<5.0	<5.0	<5.0
1,1-Dichloroethene, ug/l	<5.0	<5.0	<500	<250	<5.0	<5.0	<5.0	<5.0	<5.0
Choroform, ug/l	<5.0	<5.0	<500	<250	<5.0	<5.0	<5.0	<5.0	<5.0
Methylene Chloride, ug/l	<10.0	<5.0	<1,000	<500	<5.0	<10.0	<10.0	<10.0	<5.0
Trichloroethene, ug/l	<5.0	<5.0	39,500	46,800	<5.0	<5.0	<5.0	1,140	<5.0

Date Sampled	07/13/10	07/13/10	07/13/10	07/13/10	07/13/10	07/13/10	07/13/10	07/13/10	07/13/10
Well Number	MW-21	MW-02S	MW-04S	MW-10	MW-17S	MW-18S	RMI-N	RMI-S	Trip Blank
VOC									
1,1,1-Trichloroethane, ug/l	<5.0	<5.0	<250	<250	<5.0	<5.0	<5.0	<250	<5.0
1,1,2,2-Tetrachloroethane, ug/l	<5.0	<5.0	<250	<250	<5.0	<5.0	<5.0	<250	<5.0
1,1,2-Trichloroethane, ug/l	<5.0	<5.0	<250	<250	<5.0	<5.0	<5.0	<250	<5.0
1,1-Dichloroethene, ug/l	<5.0	<5.0	1,580	<250	<5.0	<5.0	<5.0	<250	<5.0
Choroform, ug/l	<5.0	<5.0	<250	<250	<5.0	<5.0	<5.0	<250	<5.0
Methylene Chloride, ug/l	<5.0	<5.0	743	3020	<5.0	<5.0	<5.0	<250	<5.0
Trichloroethene, ug/l	<5.0	<5.0	38,600	70,200	<5.0	<5.0	<5.0	2,210	<5.0

Date Sampled	04/08/10	04/08/10	04/08/10	04/08/10	04/08/10	04/08/10	04/08/10	04/08/10	04/08/10
Well Number	MW-21	MW-02S	MW-04S	MW-10	MW-17S	MW-18S	RMI-N	RMI-S	Trip Blank
VOC									
1,1,1-Trichloroethane, ug/l	<5.0	<5.0	<250	<250	<5.0	<5.0	<5.0	<5.0	<5.0
1,1,2,2-Tetrachloroethane, ug/l	<5.0	<5.0	<250	1,555	<5.0	<5.0	<5.0	<5.0	<5.0
1,1,2-Trichloroethane, ug/l	<5.0	<5.0	<250	<250	<5.0	<5.0	<5.0	<5.0	<5.0
1,1-Dichloroethene, ug/l	<5.0	<5.0	1,110	<250	<5.0	<5.0	<5.0	<5.0	<5.0
Choroform, ug/l	<5.0	<5.0	<250	<250	<5.0	<5.0	<5.0	<5.0	<5.0
Methylene Chloride, ug/l	<5.0	<5.0	346	348	<5.0	<5.0	<5.0	<5.0	<5.0
Trichloroethene, ug/l	<5.0	<5.0	42,000	57,000	<5.0	<5.0	<5.0	800	<5.0

Detrex
CHEMICALS DIVISION

May 7, 2012

Mr. Owen Thompson
United States Environmental Protection Agency
Office of Superfund, Region 5
SR-6J
77 West Jackson Blvd.
Chicago, IL 60604-3590

Certified Mail, Return Receipt: 7004 1160 0003 4669 1682

Subject: Monthly Status Report-April 2012
Fields Brook Superfund Site
Detrex Source Area-Ashtabula, Ohio

Dear Mr. Thompson,

Detrex is submitting the enclosed monthly status report for the month of April 2012, for the Detrex Source Area Project.

If you have any questions, please contact me at (440) 997-6131, ext. 201.

Sincerely,

Thomas W. Steib

Thomas W. Steib
Vice President Manufacturing

cc: T. Doll, D. Church, R. Currie, J. Vence, K. Buell, URS, R. Williams

FIELDS BROOK SUPERFUND SITE, OPERABLE UNIT #2
DETREX SOURCE AREA
MONTHLY TECHNICAL STATUS REPORT

Project Phase: Remedial Design and Remedial Action.

Prepared by: Tom Steib of Detrex Corporation.

Period: Month of April 2012.

1. Progress Made This Reporting Period:

ACTIVITY	THIS PERIOD GALLONS	YEAR TO DATE GALLONS	TOTAL GALLONS
Estimated DNAPL Recovered	**-0- (Does not include volume in inside settling tank)**	**-0-**	**17,480**
DNAPL Disposed	**-0-**	**-0-**	**17,480**

A. There were -0- gallons of DNAPL pumped from the inside settling tank to the outside settling tank during January.
B. Vacuum ranges between 8 to 9 inches of mercury.
C. Wells 1, 2, 4, 5, 6, 8, 9, 10, 11, and 12 are being pumped on a regular basis.
D. Wells 3 and 7 are not pumpable and will be repaired.
E. Wells 13 and 14 do not pump.
F. All pumpable wells have to be flushed with water frequently to get the sediment out of the well insert to be able to pump.
G. Generating excessive amount of silt with the northern wells showing more silt than the east wells. Some of this silt causes difficulty in phase separation. Some of the silt settles to the bottom, while some silt gets caught in the rag layer between the DNAPL and the water, making the phase separation more difficult.
H. Our sample wells were sampled and analyzed along with the DS Tributary collection trench. Results are attached.
I. MIP and Geoprobe® sampling occurred during March and April. The results of the sampling showed there is no large pool of DNAPL on site and there is no movement of the DNAPL off site.
J. NPDES Compliance. Detrex is in full compliance of our NPDES permit for the month of April 2012. A copy of the MOR is available upon request.

2. Work Planned During the Next 90 Days.

A. Continue re-developing the wells due to excessive silt build up.
B. All wells that are not pumpable will be attempted to be brought back on line.
C. Continue general repair.
D. Submit MIPs report to US EPA.

5/7/2012 15:02

Fields Brook Flood Plain andNorth Sewer Collection Trench Water Analyses
Ashtabula, OH
Samples taken by Detrex.
Samples anaylyzed by Precision Analytical, Inc.

Date Sampled	4/4/2012	4/4/2012	4/4/2012
Location	Flood Plain	Flood Plain	North
	East	West	Sewer
VOC			
1,1,1-Trichloroethane, ug/l	<5.00	<5.00	<5.00
1,1,2,2-Tetrachloroethane, ug/l	6.68	6.85	15.7
1,1,2-Trichloroethane, ug/l	<5.00	<5.00	<5.00
1,1-Dichloroethane, ug/l	<5.00	<5.00	<5.00
1,1-Dichloroethene, ug/l	<5.00	6.13	<5.00
Choroform, ug/l	<5.00	<5.00	<5.00
cis-1,2-Dichloroethene, ug/l	354	541	387
Methylene Chloride, ug/l	<10.00	<10.00	<10.00
Tetrachloroethene, ug/l	7.96	30.9	30.4
Trichloroethene, ug/l	127	200	172
PCB			
Aroclor 1016, ug/l	<2.00	<2.00	<2.00
Aroclor 1221, ug/l	<2.00	<2.00	<2.00
Aroclor 1232, ug/l	<2.00	<2.00	<2.00
Aroclor 1242, ug/l	<2.00	<2.00	<2.00
Aroclor 1248, ug/l	<2.00	<2.00	<2.00
Aroclor 1254, ug/l	<2.00	<2.00	<2.00
Aroclor 1260, ug/l	<2.00	<2.00	<2.00

Date Sampled	7/1/2010	7/1/2010	7/1/2010
Location	Flood Plain	Flood Plain	North
	East	West	Sewer
VOC			

Detrex Ashtabula, OH Well Water and DNAPL Levels

May 7, 2012

Results are invalid due to wells being pumped out by URS prior to measuring.

April 19, 2012				
Well Number	**Depth To Water**	**Depth to DNAPL**	**Depth to Bottom**	**Depth of DNAPL**
RMW-1	3.80	None	26.60	######
RMW-2	5.40	None	23.50	######
RMW-3	6.50	None	24.50	######
MW-7	3.50	None	12.50	######
MW-10	4.60	None	19.80	None
MW-02S	4.10	None	14.90	None
MW-02D	5.80	None	52.20	None
MW-04S	7.00	None	16.50	None
MW-17D	3.00	None	50.40	None
MW-17S	3.40	None	17.20	None
MW-18D	3.70	None	52.60	None
MW-18S	1.00	None	17.20	None
MW-21	5.00	None	28.30	None
SLURRY NORTH	7.90	None	17.50	None
SLURRY SOUTH	11.50	None	21.70	None

Note: Depths measured in feet from top of outer protective casing.

January 11,2012				
Well Number	**Depth To Water**	**Depth to DNAPL**	**Depth to Bottom**	**Depth of DNAPL**
RMW-1	3.40	19.10	26.80	7.70
RMW-2	5.70	20.80	23.80	3.00
RMW-3	5.20	19.30	24.80	5.50
MW-7	3.70	11.50	12.00	0.50
MW-10	5.30	None	19.00	None
MW-02S	3.50	None	14.90	None
MW-02D	6.20	None	52.20	None
MW-04S	7.50	None	12.00	None
MW-17D	3.90	None	50.40	None
MW-17S	3.80	None	17.20	None
MW-18D	5.20	None	52.60	None
MW-18S	1.90	None	16.70	None
MW-21	4.10	None	28.20	None
SLURRY NORTH	7.30	None	17.60	None
SLURRY SOUTH	8.30	None	21.90	None

Detrex Ashtabula, OH DNAPL Well VOC Analyses

May 7, 2012

Date Sampled	01/11/12	01/11/12	01/11/12	01/11/12	01/11/12	01/11/12	01/11/12	01/11/12	01/11/12
Well Number	MW-21	MW-02S	MW-04S	MW-10	MW-17S	MW-18S	RMI-N	RMI-S	Trip Blank
VOC									
1,1,1-Trichloroethane, ug/l	<5.0	<5.0	<250	<250	<5.0	<5.0	<5.0	<5.0	<5.0
1,1,2,2-Tetrachloroethane, ug/l	<5.0	<5.0	<250	2,410	<5.0	<5.0	<5.0	<5.0	<5.0
1,1,2-Trichloroethane, ug/l	<5.0	<5.0	<250	<250	<5.0	<5.0	<5.0	<5.0	<5.0
1,1-Dichloroethene, ug/l	<5.0	<5.0	1,160	<250	<5.0	<5.0	<5.0	<5.0	<5.0
Choroform, ug/l	<5.0	<5.0	<250	<250	<5.0	<5.0	<5.0	<5.0	<5.0
Methylene Chloride, ug/l	<10.0	<10.0	<500	<500	<10.0	<10.0	<10.0	<10.0	<10.0
Trichloroethene, ug/l	<5.0	<5.0	39,700	45,600	<5.0	<5.0	<5.0	459	<5.0

Date Sampled	10/13/11	10/13/11	10/13/11	10/13/11	10/13/11	10/13/11	10/13/11	10/13/11	10/13/11
Well Number	MW-21	MW-02S	MW-04S	MW-10	MW-17S	MW-18S	RMI-N	RMI-S	Trip Blank
VOC									
1,1,1-Trichloroethane, ug/l	<5.0	<5.0	<250	<250	<5.0	<5.0	<5.0	<5.0	<5.0
1,1,2,2-Tetrachloroethane, ug/l	<5.0	<5.0	<250	2,040	<5.0	<5.0	<5.0	<5.0	<5.0
1,1,2-Trichloroethane, ug/l	<5.0	<5.0	<250	<250	<5.0	<5.0	<5.0	<5.0	<5.0
1,1-Dichloroethene, ug/l	<5.0	<5.0	<250	<250	<5.0	<5.0	<5.0	5.12	<5.0
Choroform, ug/l	<5.0	<5.0	<250	<250	<5.0	<5.0	<5.0	<5.0	<5.0
Methylene Chloride, ug/l	<10.0	<10.0	<500	<500	<10.0	<10.0	<10.0	<10.0	<10.0
Trichloroethene, ug/l	<5.0	<5.0	34,200	37,200	<5.0	<5.0	<5.0	1,800	<5.0

Date Sampled	07/14/11	07/14/11	07/14/11	07/14/11	07/14/11	07/14/11	07/14/11	07/14/11	07/14/11
Well Number	MW-21	MW-02S	MW-04S	MW-10	MW-17S	MW-18S	RMI-N	RMI-S	Trip Blank
VOC									
1,1,1-Trichloroethane, ug/l	<5.0	<5.0	<1,000	<1,000	<5.0	<5.0	<5.0	<5.0	<5.0
1,1,2,2-Tetrachloroethane, ug/l	<5.0	<5.0	<1,000	2,100	<5.0	<5.0	<5.0	<5.0	<5.0
1,1,2-Trichloroethane, ug/l	<5.0	<5.0	<1,000	<1,000	<5.0	<5.0	<5.0	<5.0	<5.0
1,1-Dichloroethene, ug/l	<5.0	<5.0	<1,000	<1,000	<5.0	<5.0	<5.0	<5.0	<5.0
Choroform, ug/l	<5.0	<5.0	<1,000	<1,000	<5.0	<5.0	<5.0	<5.0	<5.0
Methylene Chloride, ug/l	<10.0	<10.0	<2,000	<2,000	<10.0	<10.0	<10.0	<10.0	<5.0

Detrex
CHEMICALS DIVISION

March 19, 2012

Mr. Owen Thompson
United States Environmental Protection Agency
Office of Superfund, Region 5
SR-6J
77 West Jackson Blvd.
Chicago, IL 60604-3590

Certified Mail, Return Receipt: 7004 1160 0003 4669 1675

Subject: Monthly Status Report-February 2012
Fields Brook Superfund Site
Detrex Source Area-Ashtabula, Ohio

Dear Mr. Thompson,

Detrex is submitting the enclosed monthly status report for the month of February 2012, for the Detrex Source Area Project.

If you have any questions, please contact me at (440) 997-6131, ext. 201.

Sincerely,

Thomas W. Steib

Thomas W. Steib
Vice President Manufacturing

cc: T. Doll, D. Church, R. Currie, J. Vence, K. Buell, URS, R. Williams

FIELDS BROOK SUPERFUND SITE, OPERABLE UNIT #2
DETREX SOURCE AREA
MONTHLY TECHNICAL STATUS REPORT

Project Phase: Remedial Design and Remedial Action.

Prepared by: Tom Steib of Detrex Corporation.

Period: Month of February 2012.

1. Progress Made This Reporting Period:

ACTIVITY	THIS PERIOD GALLONS	YEAR TO DATE GALLONS	TOTAL GALLONS
Estimated DNAPL Recovered	**-0- (Does not include volume in inside settling tank)**	**-0-**	**17,480**
DNAPL Disposed	**-0-**	**-0-**	**17,480**

A. There were -0- gallons of DNAPL pumped from the inside settling tank to the outside settling tank during January.
B. Vacuum ranges between 8 to 9 inches of mercury.
C. Wells 1, 2, 4, 5, 6, 8, 9, 10, 11, and 12 are being pumped on a regular basis.
D. Wells 3 and 7 are not pumpable and will be repaired.
E. Wells 13 and 14 do not pump.
F. All pumpable wells have to be flushed with water frequently to get the sediment out of the well insert to be able to pump.
G. Generating excessive amount of silt with the northern wells showing more silt than the east wells. Some of this silt causes difficulty in phase separation. Some of the silt settles to the bottom, while some silt gets caught in the rag layer between the DNAPL and the water, making the phase separation more difficult.
H. NPDES Compliance. Detrex is in full compliance of our NPDES permit for the month of February 2012. A copy of the MOR is available upon request.

2. Work Planned During the Next 90 Days.

A. Continue re-developing the wells due to excessive silt build up.
B. All wells that are not pumpable will be attempted to be brought back on line.
C. Continue general repair.

Detrex
CHEMICALS DIVISION

February 17, 2012

Mr. Owen Thompson
United States Environmental Protection Agency
Office of Superfund, Region 5
SR-6J
77 West Jackson Blvd.
Chicago, IL 60604-3590

Certified Mail, Return Receipt: 7004 1160 0003 4669 1644

Subject: Monthly Status Report-January 2012
Fields Brook Superfund Site
Detrex Source Area-Ashtabula, Ohio

Dear Mr. Thompson,

Detrex is submitting the enclosed monthly status report for the month of January 2012, for the Detrex Source Area Project.

If you have any questions, please contact me at (440) 997-6131, ext. 201.

Sincerely,

Thomas W. Steib

Thomas W. Steib
Vice President Manufacturing

cc: T. Doll, D. Church, R. Currie, J. Vence, K. Buell, URS, R. Williams

FIELDS BROOK SUPERFUND SITE, OPERABLE UNIT #2
DETREX SOURCE AREA
MONTHLY TECHNICAL STATUS REPORT

Project Phase: Remedial Design and Remedial Action.

Prepared by: Tom Steib of Detrex Corporation.

Period: Month of January 2012.

1. Progress Made This Reporting Period:

ACTIVITY	THIS PERIOD GALLONS	YEAR TO DATE GALLONS	TOTAL GALLONS
Estimated DNAPL Recovered	**-0- (Does not include volume in inside settling tank)**	**-0-**	**17,480**
DNAPL Disposed	**-0-**	**-0-**	**17,480**

A. There were -0- gallons of DNAPL pumped from the inside settling tank to the outside settling tank during January.
B. Vacuum is at 8 inches of mercury.
C. Wells 1, 2, 4, 5, 6, 8, 9, 10, 11, and 12 are being pumped on a regular basis.
D. Wells 3 and 7 are not pumpable and will be repaired.
E. Wells 13 and 14 do not pump.
F. All pumpable wells have to be flushed with water frequently to get the sediment out of the well insert to be able to pump.
G. Generating excessive amount of silt with the northern wells showing more silt than the east wells. Some of this silt causes difficulty in phase separation. Some of the silt settles to the bottom, while some silt gets caught in the rag layer between the DNAPL and the water, making the phase separation more difficult.
H. The sampling wells were sampled and level of DNAPL measured in January. See results attached.
I. NPDES Compliance. Detrex is in full compliance of our NPDES permit for the month of January 2012. A copy of the MOR is available upon request.

2. Work Planned During the Next 90 Days.

A. Continue re-developing the wells due to excessive silt build up.
B. All wells that are not pumpable will be attempted to be brought back on line.
C. Continue general repair.
D. Winterizing has continued.
E. MIPS work as to placement of a slurry wall and design of additional extraction wells.

Detrex Ashtabula, OH DNAPL Well VOC Analyses

February 17, 2012

Date Sampled	01/11/12	01/11/12	01/11/12	01/11/12	01/11/12	01/11/12	01/11/12	01/11/12	01/11/12
Well Number	MW-21	MW-02S	MW-04S	MW-10	MW-17S	MW-18S	RMI-N	RMI-S	Trip Blank
VOC									
1,1,1-Trichloroethane, ug/l	<5.0	<5.0	<250	<250	<5.0	<5.0	<5.0	<5.0	<5.0
1,1,2,2-Tetrachloroethane, ug/l	<5.0	<5.0	<250	2,410	<5.0	<5.0	<5.0	<5.0	<5.0
1,1,2-Trichloroethane, ug/l	<5.0	<5.0	<250	<250	<5.0	<5.0	<5.0	<5.0	<5.0
1,1-Dichloroethene, ug/l	<5.0	<5.0	1,160	<250	<5.0	<5.0	<5.0	<5.0	<5.0
Choroform, ug/l	<5.0	<5.0	<250	<250	<5.0	<5.0	<5.0	<5.0	<5.0
Methylene Chloride, ug/l	<10.0	<10.0	<500	<500	<10.0	<10.0	<10.0	<10.0	<10.0
Trichloroethene, ug/l	<5.0	<5.0	39,700	45,600	<5.0	<5.0	<5.0	459	<5.0

Date Sampled	10/13/11	10/13/11	10/13/11	10/13/11	10/13/11	10/13/11	10/13/11	10/13/11	10/13/11
Well Number	MW-21	MW-02S	MW-04S	MW-10	MW-17S	MW-18S	RMI-N	RMI-S	Trip Blank
VOC									
1,1,1-Trichloroethane, ug/l	<5.0	<5.0	<250	<250	<5.0	<5.0	<5.0	<5.0	<5.0
1,1,2,2-Tetrachloroethane, ug/l	<5.0	<5.0	<250	2,040	<5.0	<5.0	<5.0	<5.0	<5.0
1,1,2-Trichloroethane, ug/l	<5.0	<5.0	<250	<250	<5.0	<5.0	<5.0	<5.0	<5.0
1,1-Dichloroethene, ug/l	<5.0	<5.0	<250	<250	<5.0	<5.0	<5.0	5.12	<5.0
Choroform, ug/l	<5.0	<5.0	<250	<250	<5.0	<5.0	<5.0	<5.0	<5.0
Methylene Chloride, ug/l	<10.0	<10.0	<500	<500	<10.0	<10.0	<10.0	<10.0	<10.0
Trichloroethene, ug/l	<5.0	<5.0	34,200	37,200	<5.0	<5.0	<5.0	1,800	<5.0

Date Sampled	07/14/11	07/14/11	07/14/11	07/14/11	07/14/11	07/14/11	07/14/11	07/14/11	07/14/11
Well Number	MW-21	MW-02S	MW-04S	MW-10	MW-17S	MW-18S	RMI-N	RMI-S	Trip Blank
VOC									
1,1,1-Trichloroethane, ug/l	<5.0	<5.0	<1,000	<1,000	<5.0	<5.0	<5.0	<5.0	<5.0
1,1,2,2-Tetrachloroethane, ug/l	<5.0	<5.0	<1,000	2,100	<5.0	<5.0	<5.0	<5.0	<5.0
1,1,2-Trichloroethane, ug/l	<5.0	<5.0	<1,000	<1,000	<5.0	<5.0	<5.0	<5.0	<5.0
1,1-Dichloroethene, ug/l	<5.0	<5.0	<1,000	<1,000	<5.0	<5.0	<5.0	<5.0	<5.0
Choroform, ug/l	<5.0	<5.0	<1,000	<1,000	<5.0	<5.0	<5.0	<5.0	<5.0
Methylene Chloride, ug/l	<10.0	<10.0	<2,000	<2,000	<10.0	<10.0	<10.0	<10.0	<5.0

Trichloroethene, ug/l	<5.0	<5.0	32,200	49,800	<5.0	<5.0	<5.0	65	<5.0

Date Sampled	04/07/11	04/07/11	04/07/11	04/07/11	04/07/11	04/07/11	04/07/11	04/07/11	04/07/11
Well Number	MW-21	MW-02S	MW-04S	MW-10	MW-17S	MW-18S	RMI-N	RMI-S	Trip Blank
VOC									
1,1,1-Trichloroethane, ug/l	<5.0	<5.0	<1,000	<1,000	<5.0	<5.0	<5.0	<25.0	<5.0
1,1,2,2-Tetrachloroethane, ug/l	<5.0	<5.0	<1,000	1,900	<5.0	<5.0	<5.0	<25.0	<5.0
1,1,2-Trichloroethane, ug/l	<5.0	<5.0	<1,000	<1,000	<5.0	<5.0	<5.0	<25.0	<5.0
1,1-Dichloroethene, ug/l	<5.0	<5.0	<1,000	<1,000	<5.0	<5.0	<5.0	<25.0	<5.0
Choroform, ug/l	<5.0	<5.0	<1,000	<1,000	<5.0	<5.0	<5.0	<25.0	<5.0
Methylene Chloride, ug/l	<10.0	<10.0	<2,000	<2,000	<10.0	<10.0	<10.0	<50.0	<5.0
Trichloroethene, ug/l	<5.0	<5.0	40,000	58,300	<5.0	<5.0	27.9	261	<5.0

Date Sampled	01/06/11	01/06/11	01/06/11	01/06/11	01/06/11	01/06/11	01/06/11	01/06/11	01/06/11
Well Number	MW-21	MW-02S	MW-04S	MW-10	MW-17S	MW-18S	RMI-N	RMI-S	Trip Blank
VOC									
1,1,1-Trichloroethane, ug/l	<5.0	<5.0	<250	<250	<5.0	<5.0	<5.0	<5.0	<5.0
1,1,2,2-Tetrachloroethane, ug/l	<5.0	<5.0	<250	1,710	<5.0	<5.0	<5.0	<5.0	<5.0
1,1,2-Trichloroethane, ug/l	<5.0	<5.0	<250	<250	<5.0	<5.0	<5.0	<5.0	<5.0
1,1-Dichloroethene, ug/l	<5.0	<5.0	1,310	<250	<5.0	<5.0	<5.0	<5.0	<5.0
Choroform, ug/l	<5.0	<5.0	<250	<250	<5.0	<5.0	<5.0	<5.0	<5.0
Methylene Chloride, ug/l	<10.0	<10.0	<500	<500	<10.0	<10.0	<10.0	<10.0	<5.0
Trichloroethene, ug/l	<5.0	<5.0	37,800	57,000	<5.0	<5.0	<5.0	454	<5.0

Date Sampled	11/24/10	12/08/10	11/04/10	11/04/10	12/08/10	11/04/10	11/04/10	11/04/10	11/04/10
Well Number	MW-21	MW-02S	MW-04S	MW-10	MW-17S	MW-18S	RMI-N	RMI-S	Trip Blank
VOC									
1,1,1-Trichloroethane, ug/l	<5.0	<5.0	<500	<250	<5.0	<5.0	<5.0	<5.0	<5.0
1,1,2,2-Tetrachloroethane, ug/l	<5.0	<5.0	<500	1,180	<5.0	<5.0	<5.0	<5.0	<5.0
1,1,2-Trichloroethane, ug/l	<5.0	<5.0	<500	<250	<5.0	<5.0	<5.0	<5.0	<5.0
1,1-Dichloroethene, ug/l	<5.0	<5.0	<500	<250	<5.0	<5.0	<5.0	<5.0	<5.0
Choroform, ug/l	<5.0	<5.0	<500	<250	<5.0	<5.0	<5.0	<5.0	<5.0
Methylene Chloride, ug/l	<10.0	<5.0	<1,000	<500	<5.0	<10.0	<10.0	<10.0	<5.0
Trichloroethene, ug/l	<5.0	<5.0	39,500	46,800	<5.0	<5.0	<5.0	1,140	<5.0

Detrex Ashtabula, OH Well Water and DNAPL Levels

February 17, 2012

January 11,2012				
Well Number	Depth To Water	Depth to DNAPL	Depth to Bottom	Depth of DNAPL
RMW-1	3.40	19.10	26.80	7.70
RMW-2	5.70	20.80	23.80	3.00
RMW-3	5.20	19.30	24.80	5.50
MW-7	3.70	11.50	12.00	0.50
MW-10	5.30	None	19.00	None
MW-02S	3.50	None	14.90	None
MW-02D	6.20	None	52.20	None
MW-04S	7.50	None	12.00	None
MW-17D	3.90	None	50.40	None
MW-17S	3.80	None	17.20	None
MW-18D	5.20	None	52.60	None
MW-18S	1.90	None	16.70	None
MW-21	4.10	None	28.20	None
SLURRY NORTH	7.30	None	17.60	None
SLURRY SOUTH	8.30	None	21.90	None

Note: Depths measured in feet from top of outer protective casing.

October 13,2011				
Well Number	Depth To Water	Depth to DNAPL	Depth to Bottom	Depth of DNAPL
RMW-1	4.90	21.80	26.50	4.70
RMW-2	5.70	20.50	23.70	3.20
RMW-3	8.10	17.70	24.50	6.80
MW-7	4.90	None	15.50	None
MW-10	5.50	None	20.10	None
MW-02S	4.10	None	14.90	None
MW-02D	6.20	None	52.20	None
MW-04S	7.30	None	16.60	None
MW-17D	7.40	None	50.30	None
MW-17S	5.90	None	17.20	None
MW-18D	6.50	None	52.50	None
MW-18S	4.20	None	17.20	None
MW-21	5.10	None	28.10	None
SLURRY NORTH	11.50	None	17.70	None
SLURRY SOUTH	11.10	None	21.90	None

Note: Depths measured in feet from top of outer protective casing.

April 1, 2011				
Well Number	**Depth To Water**	**Depth to DNAPL**	**Depth to Bottom**	**Depth of DNAPL**
RMW-1	3.90	21.20	26.70	5.50
RMW-2	5.40	20.80	23.70	2.90
RMW-3	7.50	16.70	24.60	7.90
MW-7	4.40	None	12.60	None
MW-10	7.90	19.30	20.10	0.80
MW-02S	7.40	None	14.90	None
MW-02D	6.20	None	52.20	None
MW-04S	6.80	None	16.70	None
MW-17D	5.20	None	50.30	None
MW-17S	9.90	None	17.20	None
MW-18D	5.70	None	52.80	None
MW-18S	8.70	None	17.20	None
MW-21	5.40	None	28.10	None
SLURRY NORTH	9.10	None	17.70	None
SLURRY SOUTH	10.20	None	21.90	None

Note: Depths measured in feet from top of outer protective casing.

October 26, 2010				
Well Number	**Depth To Water**	**Depth to DNAPL**	**Depth to Bottom**	**Depth of DNAPL**
RMW-1	4.40	21.90	26.60	4.70
RMW-2	5.30	20.40	23.60	3.20
RMW-3	7.80	17.60	24.60	7.00
MW-7	4.70	None	12.50	None
MW-10	15.00	19.00	20.00	1.00
MW-02S	14.80	None	15.00	None
MW-02D	6.00	None	52.60	None
MW-04S	6.50	None	16.50	None
MW-17D	5.90	None	50.60	None
MW-17S	16.30	None	17.20	None
MW-18D	7.60	None	52.70	None
MW-18S	14.10	None	17.20	None
MW-21	6.60	None	28.30	None
SLURRY NORTH	9.50	None	17.90	None
SLURRY SOUTH	9.70	None	22.10	None

Note: Depths measured in feet from top of outer protective casing.

July 7, 2010				
Well Number	**Depth To Water**	**Depth to DNAPL**	**Depth to Bottom**	**Depth of DNAPL**
RMW-1	4.10	19.00	26.50	7.50
RMW-2	5.30	20.70	23.80	3.10
RMW-3	7.10	18.50	24.80	6.30