

2000 1000 0 2000



SCALE IN FEET



OHIO
QUADRANGLE LOCATION

THE GOODYEAR TIRE & RUBBER CO.

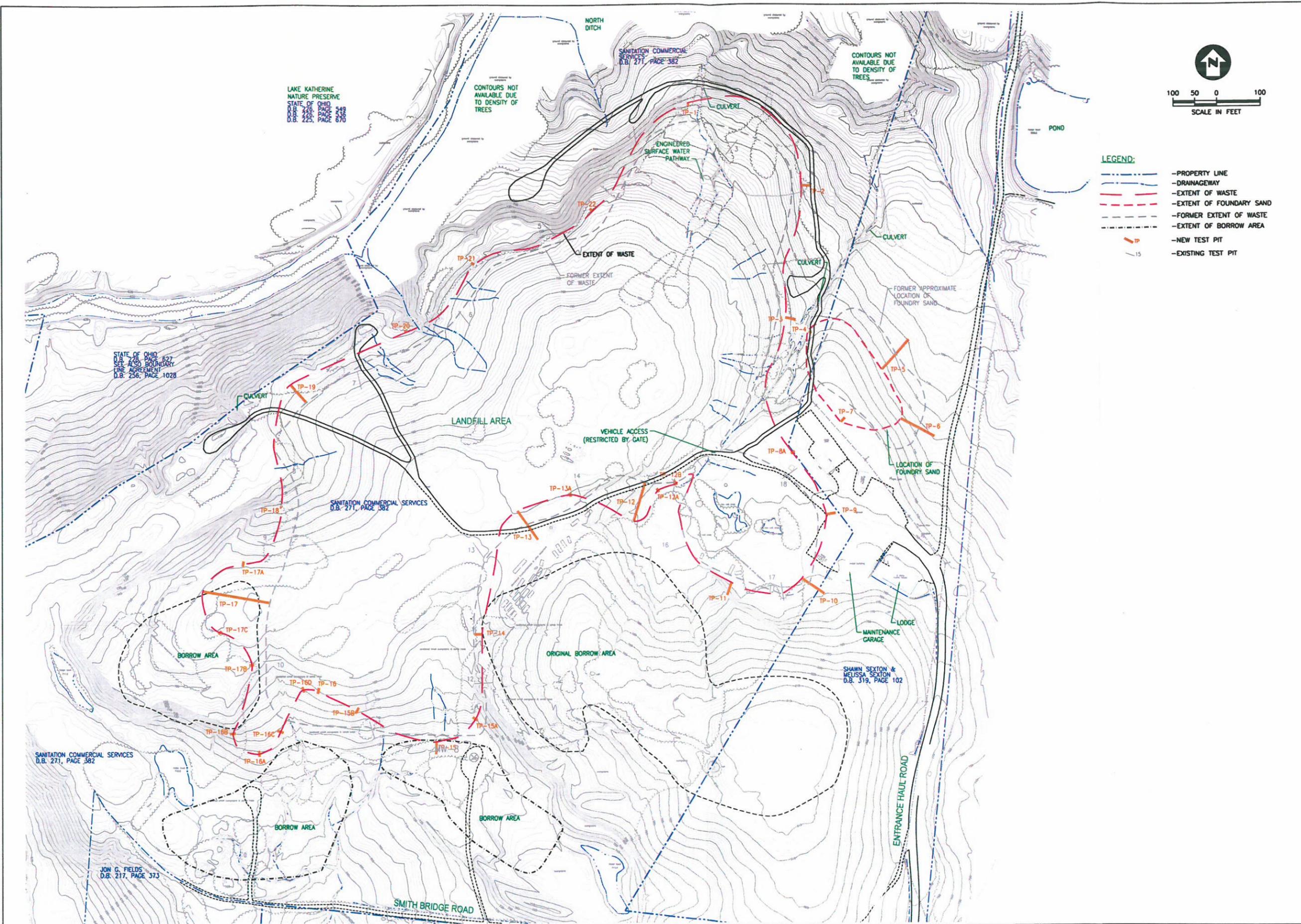
FIGURE 1

JACKSON CO. LANDFILL
1841 SMITH BRIDGE RD.
JACKSON, OH

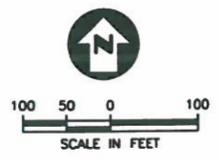
**SITE
LOCATION
MAP**

PARSONS

19101 VILLAVIEW ROAD, CLEVELAND, OH 44119, PHONE: 216-486-9005



- LEGEND:**
- -PROPERTY LINE
 - -DRAINAGEWAY
 - -EXTENT OF WASTE
 - -EXTENT OF FOUNDRY SAND
 - -FORMER EXTENT OF WASTE
 - -EXTENT OF BORROW AREA
 - TP -NEW TEST PIT
 - TP -EXISTING TEST PIT



LAKE KATHERINE
NATURE PRESERVE
STATE OF OHIO
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SHAWN SEXTON &
MELISSA SEXTON
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By		Description	
DP		1	CHANGES TO BASE MAP
Rev	Date	1	5/9/08
Job No. 442828.02000	Designed EJM	Drawn SBM	Checked
	Reviewed	Approved	Reg. No.
	Date	5/15/07	
Issue Certification		ISSUED TO OHIO EPA	
PARSONS		OFFICES IN PRINCIPAL CITIES	
		38501 CORTES HEIGHTS PKY, SUITE 100 CLEVELAND, OHIO 44133 PHONE: (216) 486-9000 FAX: (216) 486-8119	
THE GOODYEAR TIRE & RUBBER COMPANY JACKSON COUNTY LANDFILL		THE GOODYEAR TIRE & RUBBER COMPANY AKRON, OHIO	
TEST PIT RESULTS AND EXTENT OF WASTE			
DRAWING NO.	REV.		
2			

B-4		B-4	
12/11/06		12/11/06	
1-2'		21-23'	
PCBs	(1)	(1)	
VOCs	(2)	(2)	
SVOCs	(2)	(2)	
METALS			
Al	7780	7670	
As	2.8	2.2	
Fe	32600	21700	
Mn	1150	552	
V	13.5 JE24	13.1 JE24	

B-2		12/13/06	
PCBs	(1)		
VOCs	(2)		
SVOCs	(2)		
METALS			
Al	8970		
As	7.8		
Fe	21500		
Mn	279 JS49		
Ti	1.1 B		
V	24.2		

B-1		12/12/06	
PCBs	(1)		
VOCs	(2)		
SVOCs	(2)		
METALS			
As	3.4		
Fe	22200		
Mn	187		
V	11.1 EJE24		

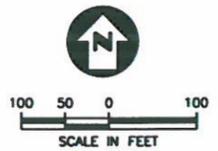
B-5		B-5	
12/6/06		12/6/06	
0-1'		19-21'	
PCBs	(1)	(1)	
VOCs	(2)	(2)	
SVOCs	(2)	(2)	
METALS			
As	2.6	2.9	
Fe	27200	41800	
Mn	678 J	616 J	
Ti	ND	0.68 B	
V	14.5	14.6	

B-6		12/5/06	
PCBs	(1)		
VOCs	(2)		
SVOCs	(2)		
METALS			
As	2.6		
Fe	8290		
Mn	343 J		
V	10.4		

B-7		12/5/06	
PCBs	(1)		
VOCs	(2)		
SVOCs	(2)		
METALS			
As	4		
Fe	19600		
Mn	225 J		
V	14.8		

B-8		12/6/06	
PCBs	(1)		
VOCs	(2)		
SVOCs	(2)		
METALS			
As	0.9 B		
Fe	2810		

B-3		B-3	
12/12/06		12/12/06	
2-3'		7-9'	
PCBs	(1)	(1)	
VOCs	(2)	(2)	
SVOCs	(2)	(2)	
METALS			
As	1.2	6	
Fe	4050	7860	
V	<PAL	27.3 JE24	



LEGEND:

- - - - - PROPERTY LINE
- - - - - DRAINAGEWAY
- - - - - EXTENT OF WASTE
- - - - - EXTENT OF FOUNDARY SAND
- SOIL BORING LOCATION

VOC/SVOC CONCENTRATIONS IN ppb	
SAMPLE ID	
SAMPLE DEPTH	
PCBs	
VOCs	
SVOCs	
METALS (mg/kg)	
Al	Aluminum
As	Arsenic
Fe	Iron
Mn	Manganese
Ti	Thallium
V	Vanadium

ND-COMPOUND DETECTED BELOW METHOD DETECTION LIMITS
 <PAL-LESS THAN PROJECT ACTION LEVEL
 (1)-NO PCBs WERE DETECTED ABOVE PROJECT ACTION LEVELS/BACKGROUND LEVELS
 (2)-NO VOCs/SVOCs WERE DETECTED ABOVE PROJECT ACTION LEVELS

Job No. 442829.02000 Rev 1 Date 5/8/08 Description CHANGES TO BASE MAP By DP	Issue Certification Issued TO OHIO EPA	PARSONS OFFICE IN PRINCIPAL CITIES 26301 CUMMINS WRIGHT Pkwy., SUITE 100 CLEVELAND, OHIO 44133 TEL: (216) 496-8100 FAX: (216) 496-8119	THE GOODYEAR TIRE & RUBBER COMPANY JACKSON COUNTY LANDFILL SOIL RESULTS ABOVE PROJECT ACTION LEVELS	THE GOODYEAR TIRE & RUBBER COMPANY JACKSON COUNTY LANDFILL SOIL RESULTS ABOVE PROJECT ACTION LEVELS	Drawing No. 4 Rev.
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MW-2	MW-2	MW-2 (DUP)	MW-2
1/9/07	3/27/07	3/27/07	3/18/08
PCBs (1)	PCBs (1)	PCBs (1)	PCBs (4)
VOCs	VOCs	VOCs	VOCs
VC 1.2	VC 1.1	VC 1.2	VC 0.99 J
SVOCs (2)	SVOCs (2)	SVOCs (2)	SVOCs (4)
METALS	METALS	METALS	METALS
As 13.1	As 13.7	As 13.2	As 8.9 B
As-D 12.4	As-D 12.3	As-D 12.5	As-D 8.1 B
Co 196	Co 266	Co 270	Co 201
Co-D 190	Co-D 284	Co-D 280	Co-D 190
Fe 65600	Fe 85000	Fe 86100	Fe 78500
Fe-D 61900	Fe-D 86800	Fe-D 84700	Fe-D 74800
Mn 13400 J	Mn 17400 J	Mn 17600 J	Mn 11000 J
Mn-D 13300 J	Mn-D 18800 J	Mn-D 18500 J	Mn-D 1100 J
			Ti 0.29 B J

MW-4	MW-4	MW-4
1/4/07	3/28/07	3/20/08
PCBs (1)	PCBs (1)	PCBs (4)
VOCs	VOCs	VOCs
1,4-D 2.1 J	1,4-D 1.7 J	1,4-D 2.6
Ben 3.5	Ben 3.1 J	Ben 4.4
SVOCs	SVOCs	SVOCs (4)
Naph 1.6 J	Naph 1.6 J	Naph 1.6 J
METALS	METALS	METALS
As 19.7	As 20	As 15.4
As-D 17.4	As-D 19.7	As-D 19.1
Ba 708	Ba 648	Ba 846 J
Ba-D 675	Ba-D 652	Ba-D 846 J
Fe 53000	Fe 69500	Fe 37500
Fe-D 48800	Fe-D 67700	Fe-D 36900
Mn 3910	Mn 4180 J	Mn 1900 J
Mn-D 3660	Mn-D 4080 J	Mn-D 1880 J

MW-5	MW-5	MW-5
1/8/07	3/29/07	3/20/08
PCBs (1)	PCBs (1)	PCBs (4)
VOCs (2)	VOCs (2)	VOCs (2)
SVOCs (2)	SVOCs (2)	SVOCs (4)
METALS	METALS	METALS
Mn 259 J	Mn 127 J	Mn 1.9 B J
Mn-D 237 J	Mn-D 140 J	Mn-D 3.9 B J
		Mn-D 242 J
		Mn-D 274 J

MW-7D
3/19/08
PCBs (4)
VOCs (2)
SVOCs (4)
METALS
Sb 3.2 B J
Fe 3140

MW-2D
3/18/08
PCBs (4)
VOCs
PCE 3
TCE 1.1
VC 0.98 J
SVOCs (4)
METALS
Fe 2900
Mn 1690 J
Mn-D 1830 J
Ti 0.32 B J
Ti-D 0.3 B J

MW-6D
3/20/08
PCBs (4)
VOCs
1,2-D 2.5
Ben 0.97 J
cis-1,2-D 8.4
PCE 15
TCE 4.5
VC 2.5
SVOCs (4)
METALS
Al 4230
Fe 5450
V 11.6 B

MW-6I
3/19/08
PCBs (4)
VOCs (2)
SVOCs (4)
METALS
Ba 741 J
Ba-D 809 J
Fe 22800
Fe-D 24400
Mn 617 J
Mn-D 660 J

MW-6	MW-6	MW-6
1/3/07	3/26/07	3/17/08
PCBs (1)	PCBs (1)	PCBs (4)
VOCs	VOCs	VOCs
Ben 0.65 J	Ben 0.79 J	Ben 0.98 J
VC 0.24 J	VC ND	VC ND
SVOCs (2)	SVOCs (2)	SVOCs (4)
METALS	METALS	METALS
As 4.3 B	As 14.8	As 5.6 B
As-D 7.0 B	As-D ND	As-D 6 B
Ba <PAL	Ba 308	Ba 288 J
Ba-D 284	Ba-D 279	Ba-D 297 J
Fe 24600	Fe 46600	Fe 46000
Fe-D 37400	Fe-D 39600	Fe-D 47400
Mn 3390 J	Mn 4400 J	Mn 5940 J
Mn-D 6510 J	Mn-D 5170 J	Mn-D 6120 J

MW-7	MW-7 (DUP)	MW-7	MW-7	MW-7 (DUP)
1/3/07	1/3/07	3/28/07	3/18/08	3/18/08
PCBs (1)	PCBs (1)	PCBs (1)	PCBs (4)	PCBs (4)
VOCs	VOCs	VOCs	VOCs	VOCs
1,2-D 0.17 J	1,2-D 0.19 J	1,2-D ND	TCE 0.34 J	TCE 0.29 J
Ben 0.68 J	Ben 0.67 J	Ben 0.76 J	VC 0.43 J	VC 0.48 J
cis-1,2-D 10	cis-1,2-D 10	cis-1,2-D 8.9	SVOCs (4)	SVOCs (4)
PCE 0.47 J	PCE 0.45 J	PCE 0.47 J	METALS	METALS
TCE 0.95 J	TCE 0.96 J	TCE 0.88 J	Al 16300	Al 16400
VC 1.7	VC 1.7	VC 1.8	As 11.4	As 8.1 B
SVOCs (2)	SVOCs (2)	SVOCs (2)	Ba 347 J	Ba 339 J
METALS	METALS	METALS	Fe 14900	Fe 15400
As 8.7 B	As 7.9 B	As 13.7	Fe-D 2990	Fe-D 2530
As-D 9.8 B	As-D 7.6 B	As-D 5.3 B	Mn 839 J	Mn 918 J
Co 93.6	Co 93.8	Co 94.4	Mn-D 1070 J	Mn-D 953 J
Co-D 95.5	Co-D 91.1	Co-D 85.3	Ti 0.31 B J	Ti 0.32 B J
Fe 28300	Fe 28300	Fe 34200	V 20.9 B	V 24.2 B
Fe-D 28700	Fe-D 27000	Fe-D 29000		
Mn 5730 J	Mn 5850 J	Mn 6010		
Mn-D 5940 J	Mn-D 5680 J	Mn-D 5490		
Ti 0.44 B	Ti 0.41 B	Ti 0.4 B		
Ti-D 0.42 B	Ti-D 0.42 B	Ti-D 0.4 B		

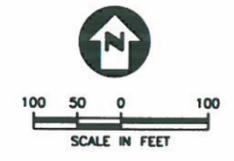
MW-3	MW-3	MW-3
1/10/07	3/26/07	3/13/2008
PCBs (1)	PCBs (1)	PCBs (4)
VOCs (2)	VOCs (2)	VOCs (2)
PCE ND	PCE 0.79 J	SVOCs (4)
SVOCs (2)	SVOCs (2)	METALS (3)
METALS (3)	METALS (3)	

DUP		
MW-9S	MW-9S	MW-9D
12/17/08	12/17/08	12/17/08
PCBs (4)	PCBs (4)	PCBs (4)
VOCs (1)	VOCs (1)	VOCs (1)
SVOCs (4)	SVOCs (4)	SVOCs (4)
METALS	METALS	METALS
Al 12,000	Al 12,300	Al <PAL
Al-D 2,040	Al-D 5,300	Al-D <PAL
Fe 18,100	Fe 21,800	Fe <PAL
Fe-D 3,860	Fe-D 10,500	Fe-D <PAL
Mn 599 J	Mn 791 J	Mn 103 J
Mn-D 504 J	Mn-D 549 J	Mn-D 105 J
V 21.1 B J	V 18.6 B J	V <PAL

MW-1	MW-1	MW-1	MW-1 (DUP)
1/9/07	3/27/07	3/20/08	3/20/08
PCBs (1)	PCBs (1)	PCBs (4)	PCBs (4)
VOCs	VOCs	VOCs	VOCs
PCE 2.6	PCE 3.9	PCE 2.7	PCE 2.6
TCE 0.73 J	TCE 0.42 J	TCE 0.99 J	TCE 1
VC 0.85 J	VC 2.4	VC 0.52 J	VC 0.53 J
SVOCs (2)	SVOCs (2)	SVOCs (4)	SVOCs (4)
METALS	METALS	METALS	METALS
Mn 365 J	Mn 577 J	Mn 288 J	Mn 2.6 B J
Mn-D 357 J	Mn-D 543 J	Mn-D 237 J	Mn 220 J
Hg 6.9	Hg 12.2 J	Hg 9.3 J	Mn-D 265 J
Hg-D 3.2	Hg-D <PAL	Hg-D <PAL	Hg 3.6 J
			Hg-D <PAL

LEGEND:

- PROPERTY LINE
- DRAINAGEWAY
- EXTENT OF WASTE
- EXTENT OF FOUNDARY SAND
- ⊕ -SHALLOW MONITORING WELL (UPPER ZONE)
- ⊖ -SHALLOW MONITORING WELL (INTERMEDIATE ZONE)
- ⊙ -DEEP MONITORING WELL
- ⊗ -ABANDONED MONITORING WELL (MAR 2008)



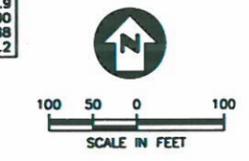
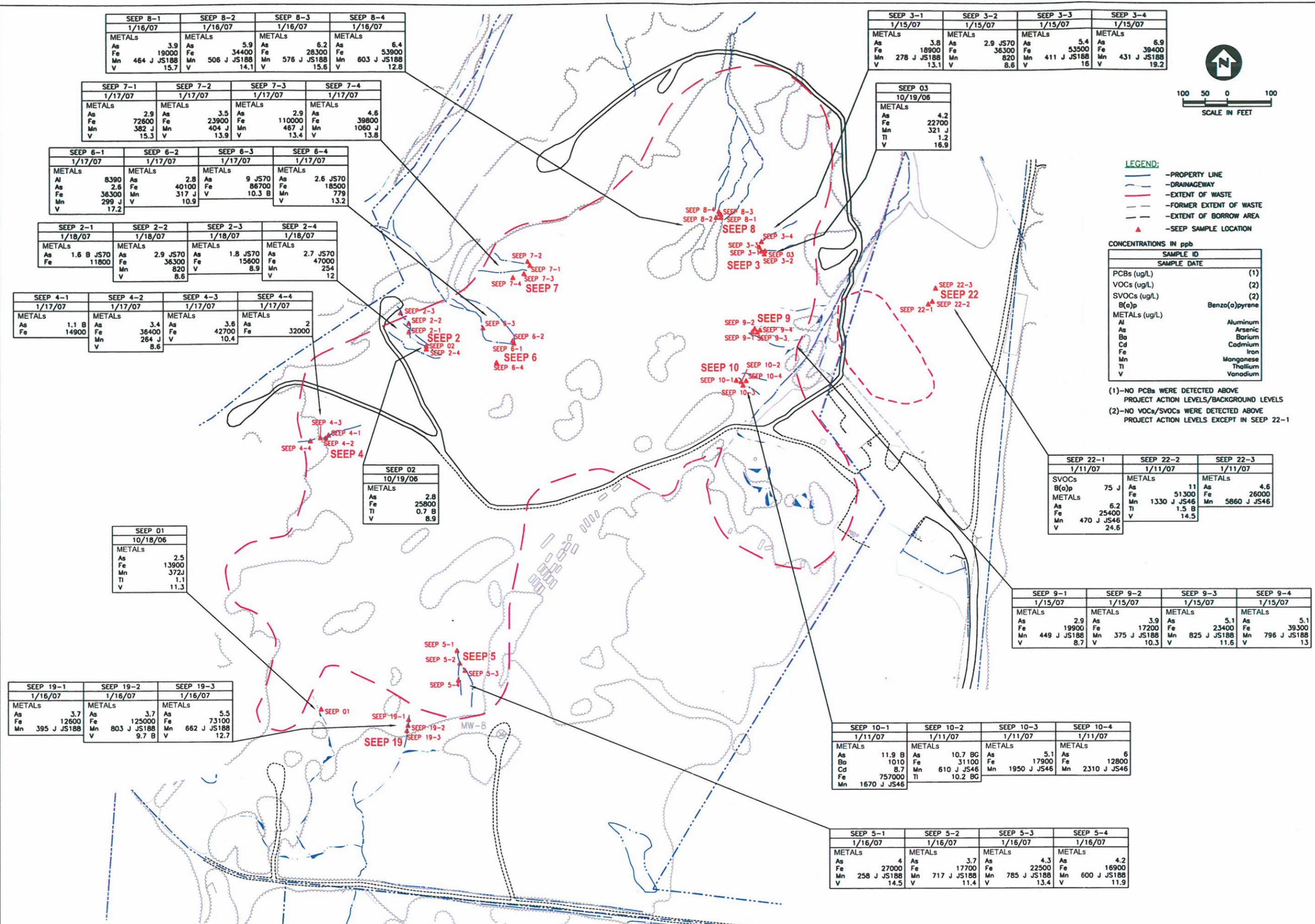
CONCENTRATIONS IN ppb

SAMPLE ID	SAMPLE DATE
PCBs (ug/L)	
VOCs (ug/L)	
1,2-D	1,2-Dichloroethane
1,4-D	1,4-Dichlorobenzene
Ben	Benzene
cis-1,2-D	CIS-1,2-Dichloroethane
PCE	Tetrachloroethane
TCE	Trichloroethane
VC	Vinyl Chloride
SVOCs (ug/L)	
Naph	Naphthalene
METALS (ug/L)	
Al	Aluminum
Sb	Antimony
Sb-D	Antimony (Dissolved)
As	Arsenic
As-D	Arsenic (Dissolved)
Ba	Barium
Ba-D	Barium (Dissolved)
Co	Cobalt
Co-D	Cobalt (Dissolved)
Fe	Iron
Fe-D	Iron (Dissolved)
Mn	Manganese
Mn-D	Manganese (Dissolved)
Hg	Mercury
Hg-D	Mercury (Dissolved)
Tl	Thallium
Tl-D	Thallium (Dissolved)
V	Vanadium
V-D	Vanadium (Dissolved)

ND-COMPOUND DETECTED BELOW METHOD DETECTION LIMITS
 <PAL-LESS THAN PROJECT ACTION LEVEL

(1)-NO PCBs WERE DETECTED ABOVE PROJECT ACTION LEVELS/BACKGROUND LEVELS
 (2)-NO VOCs/SVOCs WERE DETECTED ABOVE PROJECT ACTION LEVELS
 (3)-NO METALS WERE DETECTED ABOVE PROJECT ACTION LEVELS
 (4)-NO SVOC OR PCB ANALYSES CONDUCTED

By	DP								
Description	CHANGES TO BASE MAP								
Date	1/17/08								
Rev	1								
Job No.	442828.02000								
Designed EJM									
Drawn	DLP								
Checked									
Reviewed									
Approved									
Reg. No.									
Date	2/13/09								
Issue Certification	ISSUED TO OHIO EPA								
THE GOODYEAR TIRE & RUBBER COMPANY JACKSON COUNTY LANDFILL	THE GOODYEAR TIRE & RUBBER COMPANY & RUBBER COMPANY AKRON, OHIO								
GROUNDWATER RESULTS ABOVE PROJECT ACTION LEVELS									
DRAWING NO.	5								
REV.									



LEGEND:

- PROPERTY LINE
- DRAINAGEWAY
- EXTENT OF WASTE
- FORMER EXTENT OF WASTE
- EXTENT OF BORROW AREA
- ▲ - SEEP SAMPLE LOCATION

CONCENTRATIONS IN ppb

SAMPLE ID	SAMPLE DATE
PCBs (ug/L)	(1)
VOCs (ug/L)	(2)
SVOCs (ug/L)	(2)
B(o)p	Benzo(a)pyrene
METALS (ug/L)	
Al	Aluminum
As	Arsenic
Ba	Barium
Cd	Cadmium
Fe	Iron
Mn	Manganese
Ti	Thallium
V	Vanadium

(1)-NO PCBs WERE DETECTED ABOVE PROJECT ACTION LEVELS/BACKGROUND LEVELS
 (2)-NO VOCs/SVOCs WERE DETECTED ABOVE PROJECT ACTION LEVELS EXCEPT IN SEEP 22-1

SEEP 8-1	SEEP 8-2	SEEP 8-3	SEEP 8-4
1/16/07	1/16/07	1/16/07	1/16/07
METALS	METALS	METALS	METALS
As 3.9	As 5.9	As 6.2	As 6.4
Fe 19000	Fe 34400	Fe 28300	Fe 53900
Mn 464 J JS188	Mn 506 J JS188	Mn 576 J JS188	Mn 603 J JS188
V 15.7	V 14.1	V 15.6	V 12.8

SEEP 3-1	SEEP 3-2	SEEP 3-3	SEEP 3-4
1/15/07	1/15/07	1/15/07	1/15/07
METALS	METALS	METALS	METALS
As 3.8	As 2.9 JS70	As 5.4	As 6.9
Fe 18900	Fe 36300	Fe 53500	Fe 39400
Mn 278 J JS188	Mn 820	Mn 411 J JS188	Mn 431 J JS188
V 13.1	V 8.6	V 16	V 19.2

SEEP 7-1	SEEP 7-2	SEEP 7-3	SEEP 7-4
1/17/07	1/17/07	1/17/07	1/17/07
METALS	METALS	METALS	METALS
As 2.9	As 3.5	As 2.9	As 4.6
Fe 72600	Fe 23900	Fe 110000	Fe 39800
Mn 352 J	Mn 404 J	Mn 467 J	Mn 1060 J
V 15.3	V 13.9	V 13.4	V 13.8

SEEP 03
10/19/06
METALS
As 4.2
Fe 22700
Mn 321 J
Ti 1.2
V 16.9

SEEP 6-1	SEEP 6-2	SEEP 6-3	SEEP 6-4
1/17/07	1/17/07	1/17/07	1/17/07
METALS	METALS	METALS	METALS
Al 8390	As 2.8	As 9 JS70	As 2.6 JS70
As 2.6	Fe 40100	Fe 86700	Fe 18500
Fe 36300	Mn 317 J	Mn 10.3 B	Mn 779
Mn 299 J	V 10.9	V 8.9	V 13.2
V 17.2			

SEEP 2-1	SEEP 2-2	SEEP 2-3	SEEP 2-4
1/18/07	1/18/07	1/18/07	1/18/07
METALS	METALS	METALS	METALS
As 1.6 B JS70	As 2.9 JS70	As 1.8 JS70	As 2.7 JS70
Fe 11800	Fe 36300	Fe 15600	Fe 47000
	Mn 820	Mn 8.9	Mn 254
	V 8.6	V 12	V 12

SEEP 4-1	SEEP 4-2	SEEP 4-3	SEEP 4-4
1/17/07	1/17/07	1/17/07	1/17/07
METALS	METALS	METALS	METALS
As 1.1 B	As 3.4	As 3.6	As 2
Fe 14900	Fe 36400	Fe 42700	Fe 32000
	Mn 264 J	Mn 10.4	
	V 8.6		

SEEP 02
10/19/06
METALS
As 2.8
Fe 25800
Ti 0.7 B
V 8.9

SEEP 01
10/18/06
METALS
As 2.5
Fe 13900
Mn 372J
Ti 1.1
V 11.3

SEEP 22-1	SEEP 22-2	SEEP 22-3
1/11/07	1/11/07	1/11/07
SVOCs	METALS	METALS
B(o)p 75 J	As 11	As 4.6
METALS	Fe 51300	Fe 26000
As 6.2	Mn 1330 J JS46	Mn 5860 J JS46
Fe 25400	Ti 1.5 B	
Mn 470 J JS46	V 14.5	
V 24.6		

SEEP 19-1	SEEP 19-2	SEEP 19-3
1/16/07	1/16/07	1/16/07
METALS	METALS	METALS
As 3.7	As 3.7	As 5.5
Fe 12600	Fe 125000	Fe 73100
Mn 395 J JS188	Mn 803 J JS188	Mn 662 J JS188
	V 9.7 B	V 12.7

SEEP 10-1	SEEP 10-2	SEEP 10-3	SEEP 10-4
1/11/07	1/11/07	1/11/07	1/11/07
METALS	METALS	METALS	METALS
As 11.9 B	As 10.7 BG	As 5.1	As 6
Bo 1010	Fe 31100	Fe 17900	Fe 12800
Cd 8.7	Mn 610 J JS46	Mn 1950 J JS46	Mn 2310 J JS46
Fe 757000	Ti 10.2 BG		
Mn 1670 J JS46			

SEEP 5-1	SEEP 5-2	SEEP 5-3	SEEP 5-4
1/16/07	1/16/07	1/16/07	1/16/07
METALS	METALS	METALS	METALS
As 4	As 3.7	As 4.3	As 4.2
Fe 27000	Fe 17700	Fe 22500	Fe 16900
Mn 258 J JS188	Mn 717 J JS188	Mn 785 J JS188	Mn 600 J JS188
V 14.5	V 11.4	V 13.4	V 11.9

By	DP						
Rev	Date	Description	Job No.	Designed	Drawn	Checked	Reviewed
1	5/8/08	CHANGES TO BASE MAP	442829.02000	EJM	SBM		
Issue Certification							
ISSUED TO OHIO EPA							
THE GOODYEAR TIRE & RUBBER COMPANY JACKSON COUNTY LANDFILL LEACHATE SEEP SURFACE SOIL RESULTS ABOVE PROJECT ACTION LEVELS							
THE GOODYEAR TIRE & RUBBER COMPANY JACKSON COUNTY LANDFILL LEACHATE SEEP SURFACE SOIL RESULTS ABOVE PROJECT ACTION LEVELS							
26301 CUMMINS WRIGHT Pkwy, SUITE 100 CLEVELAND, OHIO 44133 TEL: (216) 498-8119 FAX: (216) 498-8119							
DRAWING NO. 6							
REV.							

P:\Goodyear_Landfill\CAD\DT_Jackson_IB_Set(3-7-08)(2-91117-21).dwg
 442829.02000

SEEP 6	
1/17/07	
N-N	1.4 JS62
PCBs	(1)
VOCs	
1,4-D	2.1
Benz	3.3
X	28
SVOCs	
Naph	2.3 J
METALS	
Al	16300 JS142044
As	9.8 B
Co	547
Cu	25 B
Fe	36.4
Fe-D	176000
Mn	51900
Mn-D	3800 J
V	2480 J
	32.6 B

SEEP 7	
1/18/07	
PCBs	(1)
VOCs	
1,4-D	2.7
Benz	5.9
SVOCs	
Naph	2 J
METALS	
Fe	72400
Fe-D	45500
Mn	1500 J
Mn-D	1550 J
V	4.6 B

SEEP 8		SEEP 8 (DUP)	
1/16/07		1/16/07	
PCBs	(1)	PCBs	(1)
VOCs		VOCs	
1,4-D	4.8	1,4-D	4.6
Benz	4.3	Benz	4.4
Chiben	13	Chiben	13
X	23	X	23
SVOCs		SVOCs	
Naph	14	Naph	15
METALS		METALS	
Fe	36800	Fe	47800
Fe-D	29600	Fe-D	27300
Mn	747 J JS57	Mn	768 J JS57
Mn-D	702 J	Mn-D	654 J

SEEP 03	
10/19/06	
N-N	3.8 JS63P
PCBs	(1)
VOCs	
1,4-D	1.7
Benz	1.7
SVOCs	
Naph	0.71 J
METALS	
Al	219000
As	98.5
Ba	6180
Be	14.7
Co	262
Cu	327 J
Fe	1260000
Pb	336
Mn	17400 J
Mn-D	362 J
Hg	1 JP
Ni	369
Ti	0.61 B J
V	467

SEEP 22	
1/11/07	
PCBs	(1)
VOCs	(2)
SVOCs	(2)
METALS	
Fe	13000
Fe-D	11600
Mn	1220 J
Mn-D	1110 J

SEEP 2	
1/18/07	
PCBs	
A1242	0.8
VOCs	
1,4-D	7.7
Benz	5.8
X	100
SVOCs	
Naph	4.2 J
METALS	
Fe	41000
Fe-D	39000
Mn	822 J
Mn-D	796 J

SEEP 02	
10/19/06	
N-N	36 JS63
PCBs	(1)
VOCs	
1,4-D	2.5
Benz	2.3
SVOCs	(2)
METALS	
Al	13600
As	10.6
Ba	464
Fe	108000
Mn	569 J

MW-5 OUTFALL	
1/18/07	
N-N	7.5 JS62
PCBs	(1)
VOCs	(2)
SVOCs	(2)
METALS	
Fe	2620
Mn	181 J

SEEP 4	
1/18/07	
PCBs	
A1242	0.24
VOCs	
1,4-D	3
Benz	3.8
SVOCs	
Naph	1.2 J
METALS	
Fe	36500
Fe-D	31400
Mn	1870 J
Mn-D	1740 J

SEEP 01	
10/18/06	
PCBs	(1)
VOCs	(2)
SVOCs	(2)
METALS	
Al	59700
As	22.1
Ba	442
Co	107
Cu	120 J
Fe	155000
Pb	85.4
Mn	7220 J
Ni	223
Ti	0.72 B J
V	117

SEEP 19	
1/16/07	
PCBs	(1)
VOCs	
1,4-D	1.4
Benz	3.8
SVOCs	
Naph	3.2 J
METALS	
Fe	44100
Fe-D	41800
Mn	898 J JS57
Mn-D	726 J
Hg	0.78

SMITH BRIDGE RD.	
1/18/07	
N-N	1.2 JS62
PCBs	(1)
VOCs	(2)
SVOCs	(2)
METALS	
Fe	1220
Mn	204 J
Mn-D	229 J

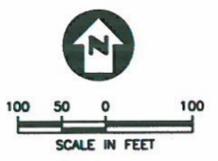
SEEP 5	
1/18/07	
PCBs	(1)
VOCs	(2)
SVOCs	(2)
METALS	
Al	12400 JS169
As	4.5 B
Cd	1.9 B
Cu	83.8
Cu-D	10.4 B
Fe	39700
Fe-D	1580
Pb	25.9
Mn	1390 J JS57
Mn-D	582 J
Hg	1.9
Ni	61.3 J
V	22 B

SEEP 10	
1/11/07	
PCBs	
A1248	0.19 J
A1260	0.042 J
VOCs	
1,4-D	2.7 J
Benz	3 J
SVOCs	
Naph	5.2 J
METALS	
Ba	256
Fe	103000
Fe-D	51000
Mn	1370 J
Mn-D	1410 J
V	4.9 B

SEEP 3	
1/18/07	
N-N	2.8 JS62
PCBs	(1)
VOCs	(2)
SVOCs	(2)
METALS	
Al	7370 JS169
Cu	12.9 B
Fe	14700
Fe-D	2210
Pb	6.8
Mn	245 J JS57
V	12.6 B

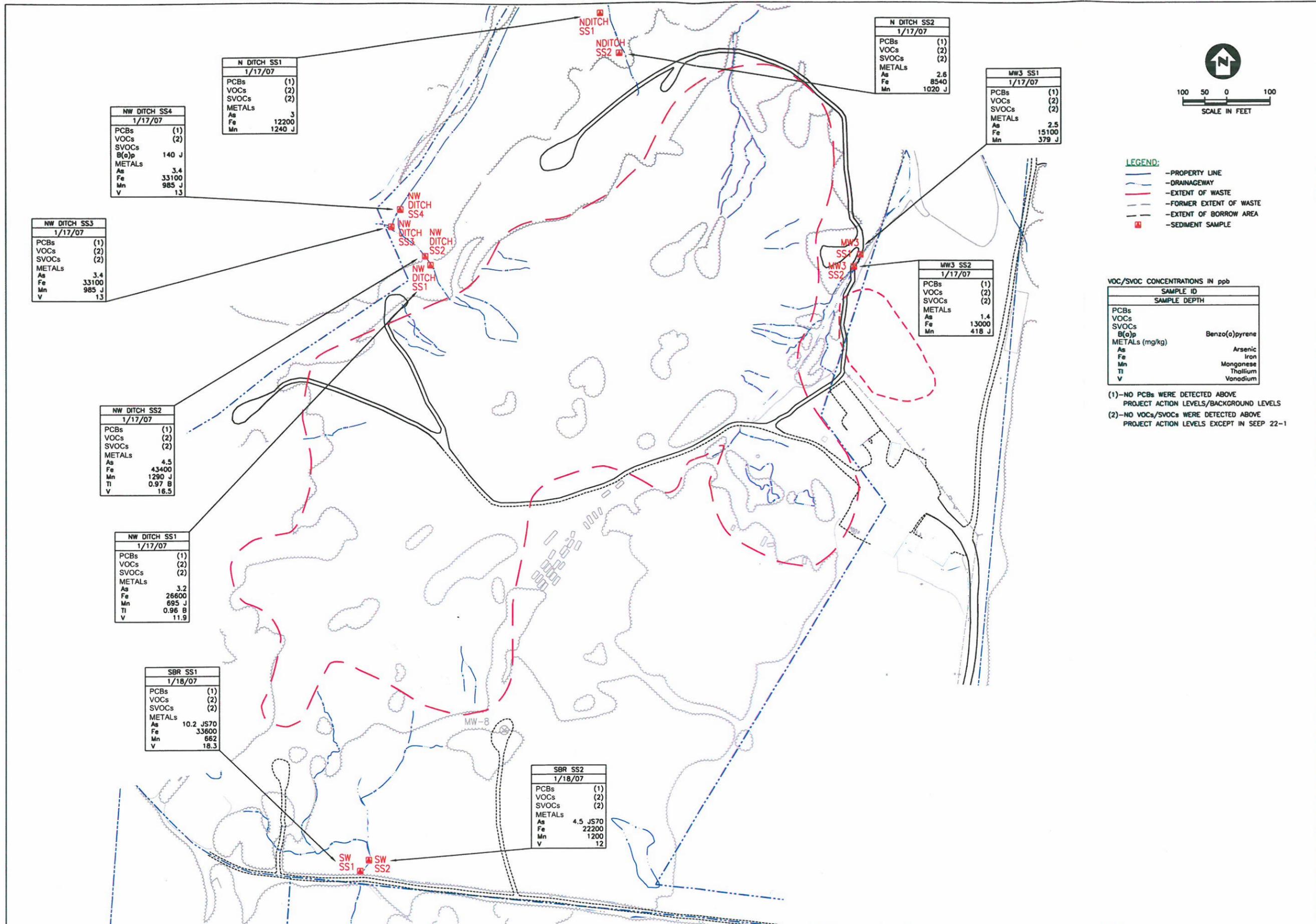
CONCENTRATIONS IN ppb	
SAMPLE ID	SAMPLE DATE
N-N (mg/L)	Nitrate-Nitrite
PCBs (ug/L)	Aroclor 1242
A1242	Aroclor 1248
A1248	Aroclor 1260
A1260	
VOCs (ug/L)	1,4-Dichlorobenzene
1,4-D	Benzene
Benz	Chlorobenzene
Chiben	Xylenes (total)
X	
SVOCs (ug/L)	Naphthalene
Naph	
METALS (ug/L)	Aluminum
Al	Arsenic
As	Barium
Ba	Barium (Dissolved)
Ba-D	Beryllium
Be	Cadmium
Cd	Cobalt
Co	Copper
Cu	Copper (Dissolved)
Cu-D	Iron
Fe	Iron (Dissolved)
Fe-D	Lead
Pb	Manganese
Mn	Manganese (Dissolved)
Mn-D	Mercury
Hg	Nickel
Ni	Thallium
Tl	Vanadium
V	

(1)-NO PCBs WERE DETECTED ABOVE PROJECT ACTION LEVELS/BACKGROUND LEVELS
 (2)-NO VOCs/SVOCs WERE DETECTED ABOVE PROJECT ACTION LEVELS EXCEPT IN SEEP 22-1



- LEGEND:**
- PROPERTY LINE
 - DRAINAGEWAY
 - EXTENT OF WASTE
 - FORMER EXTENT OF WASTE
 - EXTENT OF BORROW AREA
 - * -SEEP LOCATION

By	DP		
Date	5/8/08	CHANGES TO BASE MAP	
Rev	1		
Job No.	442829.02000	Designed	EJM
		Drawn	SBM
		Checked	
		Reviewed	
		Approved	
		Reg. No.	6/12/07
		Date	
Issue Certification	ISSUED TO OHIO EPA		
THE GOODYEAR TIRE & RUBBER COMPANY JACKSON COUNTY LANDFILL	THE GOODYEAR TIRE & RUBBER COMPANY & RUBBER COMPANY AKRON, OHIO		
LEACHATE SEEP AND SMITH BRIDGE ROAD SURFACE WATER RESULTS ABOVE PROJECT ACTION LEVELS			
DRAWING NO.	7		
REV.			



N DITCH SS1	
1/17/07	
PCBs	(1)
VOCs	(2)
SVOCs	(2)
METALS	
As	3
Fe	12200
Mn	1240 J

N DITCH SS2	
1/17/07	
PCBs	(1)
VOCs	(2)
SVOCs	(2)
METALS	
As	2.6
Fe	8540
Mn	1020 J

MW3 SS1	
1/17/07	
PCBs	(1)
VOCs	(2)
SVOCs	(2)
METALS	
As	2.5
Fe	15100
Mn	379 J

NW DITCH SS4	
1/17/07	
PCBs	(1)
VOCs	(2)
SVOCs	(2)
B(a)p	140 J
METALS	
As	3.4
Fe	33100
Mn	985 J
V	13

NW DITCH SS3	
1/17/07	
PCBs	(1)
VOCs	(2)
SVOCs	(2)
METALS	
As	3.4
Fe	33100
Mn	985 J
V	13

MW3 SS2	
1/17/07	
PCBs	(1)
VOCs	(2)
SVOCs	(2)
METALS	
As	1.4
Fe	13000
Mn	418 J

NW DITCH SS2	
1/17/07	
PCBs	(1)
VOCs	(2)
SVOCs	(2)
METALS	
As	4.5
Fe	43400
Mn	1290 J
Tl	0.97 B
V	16.5

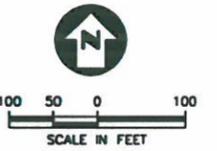
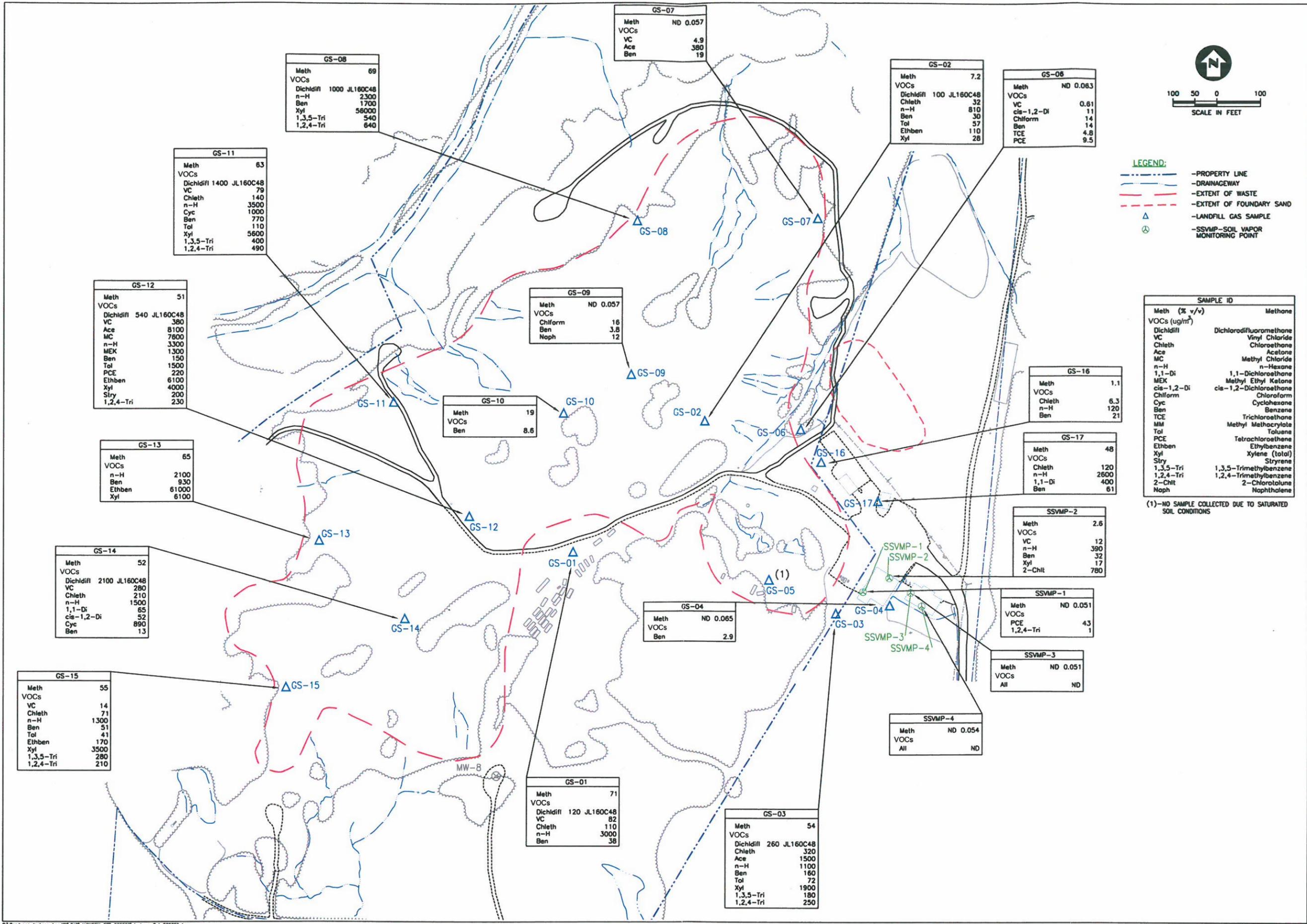
NW DITCH SS1	
1/17/07	
PCBs	(1)
VOCs	(2)
SVOCs	(2)
METALS	
As	3.2
Fe	26600
Mn	695 J
Tl	0.96 B
V	11.9

SBR SS1	
1/18/07	
PCBs	(1)
VOCs	(2)
SVOCs	(2)
METALS	
As	10.2 JS70
Fe	33600
Mn	662
V	18.3

SBR SS2	
1/18/07	
PCBs	(1)
VOCs	(2)
SVOCs	(2)
METALS	
As	4.5 JS70
Fe	22200
Mn	1200
V	12



Job No. 442829.02000	By	
Designed EJM	Date	5/8/08
Drawn SBM	Description	CHANGES TO BASE MAP
Checked	Rev	1
Reviewed	Issue Certification	ISSUED TO OHIO EPA
Approved	THE GOODYEAR TIRE & RUBBER COMPANY AKRON, OHIO	
Reg. No. 5/12/07	DATE	
OFFICES IN PRINCIPAL CITIES 28301 CLEVELAND AVENUE, SUITE 100 PROVO, UT 84601 PHONE: (801) 468-0000 FAX: (801) 468-0119		
THE GOODYEAR TIRE & RUBBER COMPANY JACKSON COUNTY LANDFILL DITCH AND SMITH BRIDGE ROAD SEDIMENT SAMPLE RESULTS ABOVE PROJECT ACTION LEVELS		
DRAWING NO.	REV.	
8		



- LEGEND:**
- - - - - PROPERTY LINE
 - - - - - DRAINAGEWAY
 - - - - - EXTENT OF WASTE
 - - - - - EXTENT OF FOUNDARY SAND
 - △ LANDFILL GAS SAMPLE
 - ⊗ SSVMP-SOIL VAPOR MONITORING POINT

SAMPLE ID	
Meth (% v/v)	Methane
VOCs (ug/m ³)	Vinyl Chloride
Dichldifl	Dichlorodifluoromethane
VC	Vinyl Chloride
Chleth	Chloroethane
Ace	Acetone
MC	Methyl Chloride
n-H	n-Hexane
1,1-Di	1,1-Dichloroethane
MEK	Methyl Ethyl Ketone
cis-1,2-Di	cis-1,2-Dichloroethane
Chlform	Chloroform
Cyc	Cyclohexane
Ben	Benzene
TCE	Trichloroethane
MM	Methyl Methacrylate
Tol	Toluene
PCE	Tetrachloroethane
Ethben	Ethylbenzene
Xyl	Xylene (total)
Stry	Styrene
1,3,5-Tri	1,3,5-Trimethylbenzene
1,2,4-Tri	1,2,4-Trimethylbenzene
2-Chit	2-Chlorotoluene
Naph	Naphthalene

(1) - NO SAMPLE COLLECTED DUE TO SATURATED SOIL CONDITIONS

By	Date	Rev	Description
		1	

Job No. 442828.02000	Drawn: SEM	Checked:	Reviewed:	Approved:	Rep. No. 2/10/08	Date
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Issue Certification	ISSUED TO	OHIO EPA
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THE GOODYEAR TIRE & RUBBER COMPANY JACKSON COUNTY LANDFILL	SOIL VAPOR SAMPLE RESULTS
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DRAWING NO.	REV.
9	