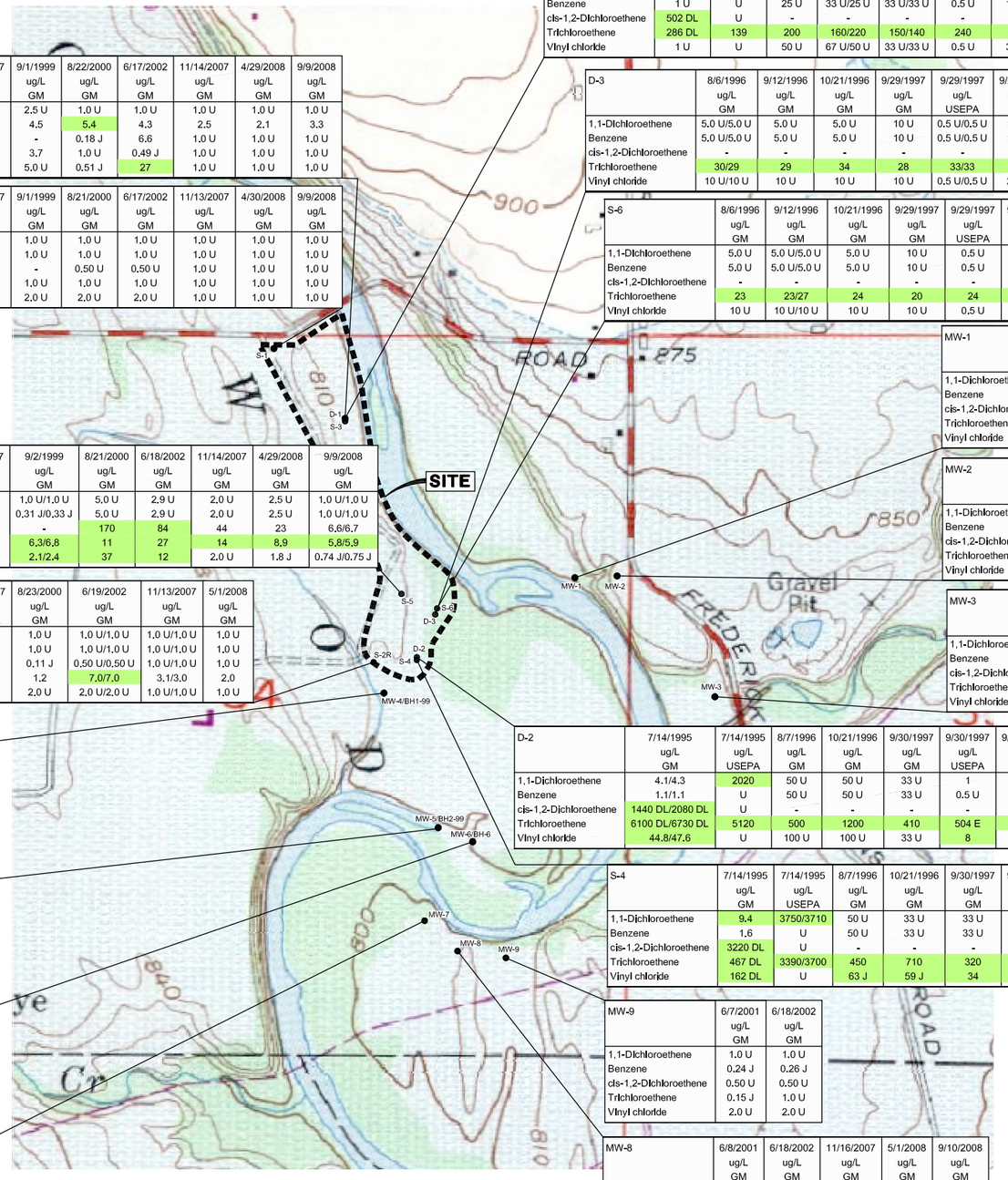


S-3	7/20/1995 ug/L GM	7/20/1995 ug/L USEPA	8/7/1996 ug/L GM	10/22/1996 ug/L GM	9/29/1997 ug/L GM	9/29/1997 ug/L USEPA	9/1/1999 ug/L GM	8/22/2000 ug/L GM	6/17/2002 ug/L GM	11/14/2007 ug/L GM	4/29/2008 ug/L GM	9/9/2008 ug/L GM
1,1-Dichloroethene	1 U	U	5,0 U	5,0 U	10 U	0,5 U	2,5 U	1,0 U	1,0 U	1,0 U	1,0 U	1,0 U
Benzene	5	6,06	3,3 J	5,2	3 J	4	4,5	5,4	4,3	2,5	2,1	3,3
cis-1,2-Dichloroethene	1	U	-	-	-	-	-	0,18 J	6,6	1,0 U	1,0 U	1,0 U
Trichloroethene	2,8	U	5,0 U	5,0 U	10 U	0,5 U	3,7	1,0 U	0,49 J	1,0 U	1,0 U	1,0 U
Vinyl chloride	0,6 J	U	120	2,9 J	10 U	0,5 U	5,0 U	0,51 J	27	1,0 U	1,0 U	1,0 U

S-1	7/20/1995 ug/L GM	7/20/1995 ug/L USEPA	8/7/1996 ug/L GM	10/22/1996 ug/L GM	9/30/1997 ug/L GM	9/30/1997 ug/L USEPA	9/1/1999 ug/L GM	8/21/2000 ug/L GM	6/17/2002 ug/L GM	11/13/2007 ug/L GM	4/30/2008 ug/L GM	9/9/2008 ug/L GM
1,1-Dichloroethene	1 U	U	5,0 U	5,0 U	10 U	0,5 U	1,0 U	1,0 U	1,0 U	1,0 U	1,0 U	1,0 U
Benzene	1 U	U	5,0 U	5,0 U	10 U	0,5 U	1,0 U	1,0 U	1,0 U	1,0 U	1,0 U	1,0 U
cis-1,2-Dichloroethene	1 U	U	-	-	-	-	-	0,50 U	0,50 U	1,0 U	1,0 U	1,0 U
Trichloroethene	0,5 J	U	5,0 U	5,0 U	10 U	0,5 U	1,0 U	1,0 U	1,0 U	1,0 U	1,0 U	1,0 U
Vinyl chloride	1 U	U	10 U	10 U	10 U	0,5 U	2,0 U	2,0 U	2,0 U	1,0 U	1,0 U	1,0 U

S-5	7/14/1995 ug/L GM	7/14/1995 ug/L USEPA	8/7/1996 ug/L GM	10/21/1996 ug/L GM	9/30/1997 ug/L GM	9/30/1997 ug/L USEPA	9/2/1999 ug/L GM	8/21/2000 ug/L GM	6/18/2002 ug/L GM	11/14/2007 ug/L GM	4/29/2008 ug/L GM	9/9/2008 ug/L GM
1,1-Dichloroethene	0,5 J	894	10 U	5,0 U	10 U	0,5 U	1,0 U/1,0 U	5,0 U	2,9 U	2,0 U	2,5 U	1,0 U/1,0 U
Benzene	1,4	U	10 U	5,0 U	10 U	0,6	0,31 J/0,33 J	5,0 U	2,9 U	2,0 U	2,5 U	1,0 U/1,0 U
cis-1,2-Dichloroethene	824 DL	U	-	-	-	-	-	170	84	44	23	6,6/6,7
Trichloroethene	8,2	42 U	10 U	8,2	4 J	4	6,3/6,8	11	27	14	8,9	5,8/5,9
Vinyl chloride	142 DL	U	57	20	10 U	0.6	2.1/2.4	37	12	2.0 U	1.8 J	0.74 J/0.75 J

S-2R	7/13/1995 ug/L GM	7/13/1995 ug/L USEPA	8/7/1996 ug/L GM	10/21/1996 ug/L GM	9/30/1997 ug/L GM	9/30/1997 ug/L USEPA	8/23/2000 ug/L GM	6/19/2002 ug/L GM	11/13/2007 ug/L GM	5/1/2008 ug/L GM
1,1-Dichloroethene	1 U	5,9	5,0 U	5,0 U	10 U	0,5 U	1,0 U	1,0 U/1,0 U	1,0 U/1,0 U	1,0 U
Benzene	1 U	U	5,0 U	5,0 U	10 U	0,5 U	1,0 U	1,0 U/1,0 U	1,0 U/1,0 U	1,0 U
cis-1,2-Dichloroethene	4,1	U	-	-	-	-	0,11 J	0,50 U/0,50 U	1,0 U/1,0 U	1,0 U
Trichloroethene	64,9	64,2	11	8,8	3 J	4	1,2	7,0/7,0	3,1/3,0	2,0
Vinyl chloride	1 U	U	10 U	10 U	10 U	0,5 U	2,0 U	2,0 U/2,0 U	1,0 U/1,0 U	1,0 U

MW-4R	8/22/2000 ug/L GM	6/19/2002 ug/L GM	4/29/2008 ug/L GM
1,1-Dichloroethene	1,0 U	1,0 U	1,0 U
Benzene	1,0 U	1,0 U	1,0 U
cis-1,2-Dichloroethene	0,50 U	0,50 U	1,0 U
Trichloroethene	1,0 U	0,33 J	1,0 U
Vinyl chloride	2,0 U	2,0 U	1,0 U

MW-5R	8/22/2000 ug/L GM	6/19/2002 ug/L GM	4/30/2008 ug/L GM	9/10/2008 ug/L GM
1,1-Dichloroethene	3,3 U	1,0 U	1,0 U	1,0 U
Benzene	3,3 U	1,0 U	1,0 U	1,0 U
cis-1,2-Dichloroethene	96	10	0,22 J	0,51 J
Trichloroethene	6,5	0,58 J	2,7	6,1
Vinyl chloride	6,7 U	2,0 U	1,0 U	1,0 U

MW-6	6/8/2001 ug/L GM	6/19/2002 ug/L GM	11/15/2007 ug/L GM	4/28/2008 ug/L GM	9/11/2008 ug/L GM
1,1-Dichloroethene	1,0 U	1,0 U	1,0 U	1,0 U	1,0 U
Benzene	0,20 J	1,0 U	1,0 U	1,0 U	1,0 U
cis-1,2-Dichloroethene	8,5	7,0	3,7	0,86 J	2,2
Trichloroethene	6,5	12	38	20	36
Vinyl chloride	2,0 U	2,0 U	1,0 U	1,0 U	1,0 U

MW-7	6/11/2001 ug/L GM	6/18/2002 ug/L GM	11/15/2007 ug/L GM	5/1/2008 ug/L GM	9/10/2008 ug/L GM
1,1-Dichloroethene	1,0 U	1,0 U	1,0 U	1,0 U/1,0 U	1,0 U
Benzene	1,0 U	1,0 U	1,0 U	1,0 U/1,0 U	1,0 U
cis-1,2-Dichloroethene	0,50 U	0,50 U	1,0 U	1,0 U/1,0 U	1,0 U
Trichloroethene	1,0 U	0,19 J	1,0 U	1,0 U/1,0 U	1,0 U
Vinyl chloride	2,0 U	2,0 U	1,0 U	1,0 U/1,0 U	1,0 U

D-1	7/13/1995 ug/L GM	7/13/1995 ug/L USEPA	8/8/1996 ug/L GM	10/22/1996 ug/L GM	9/30/1997 ug/L GM	9/30/1997 ug/L USEPA	9/1/1999 ug/L GM	8/22/2000 ug/L GM	6/17/2002 ug/L GM	11/14/2007 ug/L GM	4/29/2008 ug/L GM	9/10/2008 ug/L GM
1,1-Dichloroethene	1 U	588	25 U	33 U/25 U	33 U/33 U	0.5 U	17 U	12 U	10 U/10 U	2.0 U	2.0 U/1.7 U	1.7 U
Benzene	1 U	U	25 U	33 U/25 U	33 U/33 U	0.5 U	17 U	12 U	1.7 J/10 U	2.0 U	2.0 U/1.7 U	1.7 U
cis-1,2-Dichloroethene	502 DL	U	-	-	-	-	-	350	330/350	4.8	4.8/5.1	4.6
Trichloroethene	286 DL	139	200	160/220	150/140	240	98	120	110/130	49	55/57	55
Vinyl chloride	1 U	U	50 U	67 U/50 U	33 U/33 U	0.5 U	33 U	25 U	20 U/20 U	2.0 U	2.0 U/1.7 U	1.7 U

D-3	8/6/1996 ug/L GM	9/12/1996 ug/L GM	10/21/1996 ug/L GM	9/29/1997 ug/L GM	9/29/1997 ug/L USEPA	9/2/1999 ug/L GM	8/21/2000 ug/L GM	6/18/2002 ug/L GM	11/13/2007 ug/L GM	4/28/2008 ug/L GM	9/11/2008 ug/L GM
1,1-Dichloroethene	5,0 U/5,0 U	5,0 U	5,0 U	10 U	0,5 U/0,5 U	1,0 U	1,0 U	3,3 U	2,0 U	2,0 U	5,0 U/5,0 U
Benzene	5,0 U/5,0 U	5,0 U	5,0 U	10 U	0,5 U/0,5 U	1,0 U	1,0 U	3,3 U	2,0 U	2,0 U	5,0 U/5,0 U
cis-1,2-Dichloroethene	-	-	-	-	-	-	6,2	11	4,1	0,53 J	7,3/7,9
Trichloroethene	30/29	29	34	28	33/33	31	32	120	76	62	130/140
Vinyl chloride	10 U/10 U	10 U	10 U	10 U	0,5 U/0,5 U	2,0 U	2,0 U	6,7 U	2,0 U	2,0 U	5,0 U/5,0 U

S-6	8/6/1996 ug/L GM	9/12/1996 ug/L GM	10/21/1996 ug/L GM	9/29/1997 ug/L GM	9/29/1997 ug/L USEPA	9/2/1999 ug/L GM	8/21/2000 ug/L GM	6/18/2002 ug/L GM	11/13/2007 ug/L GM	4/28/2008 ug/L GM	9/11/2008 ug/L GM
1,1-Dichloroethene	5,0 U	5,0 U/5,0 U	5,0 U	10 U	0,5 U	1,7 U	1,0 U	1,7 U	20 U	1,0 U	2,5 U
Benzene	5,0 U	5,0 U/5,0 U	5,0 U	10 U	0,5 U	1,7 U	1,0 U	1,7 U	20 U	1,0 U	2,5 U
cis-1,2-Dichloroethene	-	-	-	-	-	-	3,8	4,0	7,4 J	0,70 J	5,0
Trichloroethene	23	23/27	24	20	24	54	39	62	540	21	75
Vinyl chloride	10 U	10 U/10 U	10 U	10 U	0,5 U	3,3 U	2,0 U	3,3 U	20 U	1,0 U	2,5 U

MW-1	8/22/2000 ug/L GM	6/19/2002 ug/L GM	11/16/2007 ug/L GM	4/30/2008 ug/L GM	9/10/2008 ug/L GM
1,1-Dichloroethene	1,0 U	1,0 U	1,0 U/1,0 U	1,0 U	1,0 U
Benzene	1,0 U	1,0 U	1,0 U/1,0 U	1,0 U	1,0 U
cis-1,2-Dichloroethene	0,50 U	0,50 U	1,0 U/1,0 U	1,0 U	1,0 U
Trichloroethene	1,0 U	1,0 U	1,0 U/1,0 U	1,0 U	1,0 U
Vinyl chloride	2,0 U	2,0 U	1,0 U/1,0 U	1,0 U	1,0 U

MW-2	8/22/2000 ug/L GM	6/18/2002 ug/L GM	11/16/2007 ug/L GM	4/30/2008 ug/L GM	9/11/2008 ug/L GM
1,1-Dichloroethene	1,0 U	1,0 U	1,0 U	1,0 U	1,0 U
Benzene	1,0 U	1,0 U	1,0 U	1,0 U	1,0 U
cis-1,2-Dichloroethene	0,50 U	0,50 U	1,0 U	1,0 U	1,0 U
Trichloroethene	1,0 U	1,0 U	1,0 U	1,0 U	1,0 U
Vinyl chloride	2,0 U	2,0 U	1,0 U	1,0 U	1,0 U

MW-3	8/23/2000 ug/L GM	6/18/2002 ug/L GM	11/19/2007 ug/L GM	5/1/2008 ug/L GM	9/11/2008 ug/L GM
1,1-Dichloroethene	1,0 U	1,0 U	1,0 U	1,0 U	1,0 U
Benzene	1,0 U	1,0 U	1,0 U	1,0 U	1,0 U
cis-1,2-Dichloroethene	0,50 U	0,50 U	1,0 U	1,0 U	1,0 U
Trichloroethene	1,0 U	1,0 U	1,0 U	1,0 U	1,0 U
Vinyl chloride	2,0 U	2,0 U	1,0 U	1,0 U	1,0 U

D-2	7/14/1995 ug/L GM	7/14/1995 ug/L USEPA	8/7/1996 ug/L GM	10/21/1996 ug/L GM	9/30/1997 ug/L GM	9/30/1997 ug/L USEPA	9/3/1999 ug/L GM	8/21/2000 ug/L GM	6/18/2002 ug/L GM	11/15/2007 ug/L GM	4/29/2008 ug/L GM	9/11/2008 ug/L GM
1,1-Dichloroethene	4.1/4.3	2020	50 U	50 U	33 U	1	25 U	7.1 U/7.1 U	5.0 U	5.0 U	6.7 U	5.7 U
Benzene	1.1/1.1	U	50 U	50 U	33 U	0.5 U	25 U	7.1 U/7.1 U	5.0 U	5.0 U	6.7 U	5.7 U
cis-1,2-Dichloroethene	1440 DL/2080 DL	U	-	-	-	-	-	63/65	54	18	32	19
Trichloroethene	6100 DL/6730 DL	5120	500	1200	410	504 E	360	210/220	170	120	180	160
Vinyl chloride	44.8/47.6	U	100 U	100 U	33 U	8	50 U	14 U/14 U	10 U	5.0 U	6.7 U	5.7 U

S-4	7/14/1995 ug/L GM	7/14/1995 ug/L USEPA	8/7/1996 ug/L GM	10/21/1996 ug/L GM	9/30/1997 ug/L GM	9/30/1997 ug/L USEPA	9/3/1999 ug/L GM	8/21/2000 ug/L GM	6/18/2002 ug/L GM	11/14/2007 ug/L GM	4/29/2008 ug/L GM
1,1-Dichloroethene	9.4	3750/3710	50 U	33 U	33 U	1	17 U	5.0 U	5.0 U	5.0 U	8.0 U
Benzene	1.6	U	50 U	33 U	33 U	0,5 U	17 U	5,0 U	5,0 U	5,0 U	8,0 U
cis-1,2-Dichloroethene	3220 DL	U	-	-	-	-	-	52	59	25	26
Trichloroethene	467 DL	3390/3700	450	710	320	510	300	150	190	150	220
Vinyl chloride	162 DL	U	63 J	59 J	34	76	22 J	6,9 J	10 U	5.0 U	8.0 U

MW-9	6/7/2001 ug/L GM	6/18/2002 ug/L GM
1,1-Dichloroethene	1,0 U	1,0 U
Benzene	0,24 J	0,26 J
cis-1,2-Dichloroethene	0,50 U	0,50 U
Trichloroethene	0,15 J	1,0 U
Vinyl chloride	2,0 U	2,0 U

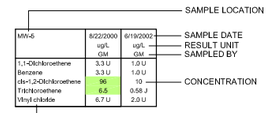
MW-8	6/8/2001 ug/L GM	6/18/2002 ug/L GM	11/16/2007 ug/L GM	5/1/2008 ug/L GM	9/10/2008 ug/L GM
1,1-Dichloroethene	1,0 U	1,0 U	1,0 U	1,0 U	1,0 U
Benzene	0,89 J	1,0 U	1,0 U	1,0 U	1,0 U
cis-1,2-Dichloroethene	0,50 U	0,50 U	1,0 U	1,0 U	1,0 U
Trichloroethene	0,21 J	1,0 U	1,0 U	1,0 U	1,0 U
Vinyl chloride	2,0 U	2,0 U	1,0 U	1,0 U	1,0 U

SOURCES: U.S.G.S. QUADRANGLE MAP;
WEST MILTON, OHIO
WELL LOCATIONS SURVEYED AUGUST 22 AND 23, 2000
AND JUNE 2001
NOVA CONSULTING INC.

NO	Revision	Date	Initial

0 200 500ft

LEGEND
LIMIT OF SITE
MW-9 MONITORING WELL LOCATION



EXCEEDS CRITERIA

Chemical	MCL
1,1-Dichloroethene	7
Benzene	5
cis-1,2-Dichloroethene	70
Trichloroethene	5
Vinyl chloride	2

NOTES:
1. S-4 was not sampled during the Sept. 2008 sampling event because of Insufficient water.
2. MW-9 was not sampled during the Nov. 2007, April 2008, or Sept. 2008 sampling events because of Insufficient water.
3. MW-5 was not sampled during the Nov. 2007 sampling event because of an obstruction In the well.
4. MW-5 was reInstalled on April 21, 2008 as MW-5R. MW-4 was not sampled during the Nov. 2007 sampling event because of an obstruction In the well. MW-4 was reInstalled on April 22, 2008 as MW-4R. MW-4R was not sampled during the Sept. 2008 sampling event because of Insufficient water.
5. S-2 was reInstalled on July 22, 2008 as S-2R. S-2R was not sampled during the Sept. 2008 sampling event because of insufficient water.

SCALE VERIFICATION

THIS BAR MEASURES 1" ON ORIGINAL. ADJUST SCALE ACCORDINGLY.

Approved

DRAWING STATUS

Status	Date	Initial

GARLAND ROAD LANDFILL SITE
MIAMI COUNTY, OHIO

SUMMARY OF EXCEEDANCES OF VOCs

CONESTOGA-ROVERS & ASSOCIATES

Source Reference:

Project Manager:	Reviewed By:	Date:	
MRT	JEP	OCTOBER 2008	
Scale: 1"=500'	Project No: 07043-90	Report No: PRES031	Drawing No: figure 1

07043-90(PRES031)GN-WA001 OCT 29/2008