N

0 100 200 300
Feet

0 N
697,500 N
697,000 N
696,500 N
696,000 N
695,500 N
13,055,500 E
13,056,000 E
13,056,500 E
13,057,000 E
13,057,500 E
13,058,000 E
13,058,500 E
13,059,000 E
13,059,500 E

MW-27I
ND

SBI-10
NSS

SBI-09
NSS

MW-16I
ND

MW-35I
ND

WMW-36I
NS

MW-21I
1,1 DICHLOROETHANE 0.5 J
BENZENE 7.6

SBI-07 (GRAB SAMPLES)
30'
1,2-DICHLORETHYLENE 1.4 J
VINYL CHLORIDE 48.8
39.5' - 44.5'
ND

SBI-08
NSS

WMW-29I
1,1 DICHLOROETHANE 17.1 J
1,2 DICHLOROPROPANE 1150
ACETONE 1030
BENZENE 3.4 J
METHYLENE CHLORIDE 515

WMW-41I
NSM

WMW-40I
NSM

MW-22I
ND

MW-30I
ACETONE 28
TOLUENE 0.22 J

WMW-37I
NSM

SBI-06
NSS

MW-17D2 (GRAB SAMPLE)
30'
ND

WMW-17I
ND

WMW-24I
NSM

WMW-38I
NSM

WMW-19I

1,1 DICHLOROETHANE	147
1,2 DICHLOROPROPANE	136
ACETONE	731
BENZENE	8960
CHLOROBENZENE	328
METHYLENE CHLORIDE	290
TOLUENE	395
TRICHLOROETHYLENE	41.2 J

WMW-42I
NSM

MW-34I

ACETONE	21 J
BENZENE	0.26 J
CYCLOHEXANE	0.42 J
TOLUENE	4.5 J

SBI-05 (GRAB SAMPLE)
26'
1,1-DICHLOROETHANE 0.84 J
ACETEONE 19.5
BENZENE 4.1

SBI-04 (GRAB SAMPLE)
24' - 28'
ND

WMW-44I
NSM

SBI-02 (GRAB SAMPLE)
45' - 50'
VINYL CHLORIDE 14.4

MW-23I
METHYLCYCLOHEXANE 0.63 J

SBI-03 (GRAB SAMPLES)
33' - 35'
BENZENE 0.18 J
TOLUENE 0.41 J
51.3' - 56.3'
ND

SBI-01 (GRAB SAMPLE)
39' - 43'
ND

MW-31I
ND

WMW-45I
NSM

LEGEND

- SOIL BORING
- INTERMEDIATE MONITORING WELL (EXCEPT MW-17D2, WHICH IS SCREENED IN THE LOWER UNIT)
- MONITORING WELL NOT SCREENED IN THE INTERMEDIATE UNIT

ND NO DETECTIONS OF VOCS

NSS NO SAMPLE FROM THIS LOCATION (NO INTERMEDIATE UNIT SAND PRESENT)

NSM NO SAMPLE FROM THIS LOCATION (MDEQ WELL INSTALLED AFTER COMPLETION OF FIELDWORK

NOTES:

1. BASE MAP PROVIDED BY WESTON SOLUTIONS OF OF MICHIGAN, INC.
2. LAND SURVEY ELEVATIONS WERE REFERENCED TO NAVD OF 1988 FEET MSL. THE HORIZONTAL LOCATIONS WERE REFERENCED TO THE MICHIGAN STATE PLANE COORDINATE SYSTEM NAD83, INTERNATIONAL FEET - SOUTH (2113) ZONE.
3. SMI - SOURCE MIGRATION INVESTIGATION
4. ALL OTHER VOCs UNLESS REPORTED AS VALUES WERE NON-DETECT.
5. GRAB SAMPLE WAS COLLECTED DURING DRILLING OF MW-17D2.
6. ALL RESULTS REPORTED IN MICROGRAMS PER LITER (ug/L).
7. "J" FLAGGED RESULTS INDICATE ESTIMATED VALUES.

FIGURE 3-8
INTERMEDIATE UNIT, VOC DETECTIONS IN GROUNDWATER
SMI DATA EVALUATION REPORT
VELSICOL / PINE RIVER SITE
ST. LOUIS, MICHIGAN

CH2MHILL

File Path: E:\Velsicol\GIS_Data\Velsicol\MXDs\SMI\DRAFT_FINAL\03-08_Vel_GW_Sampling_VOC_Results_May2005.mxd, Date: November 21, 2005, User: MPETERSH