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

SBI-10 NSS
SBI-09 NSS
MW-27I ND
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
WMW-44I NSM
MW-23I METHYLCYCLOHEXANE 0.63 J
SBI-04 (GRAB SAMPLE) 24' - 28' ND
SBI-02 (GRAB SAMPLE) 45' - 50' VINYL CHLORIDE 14.4
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

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