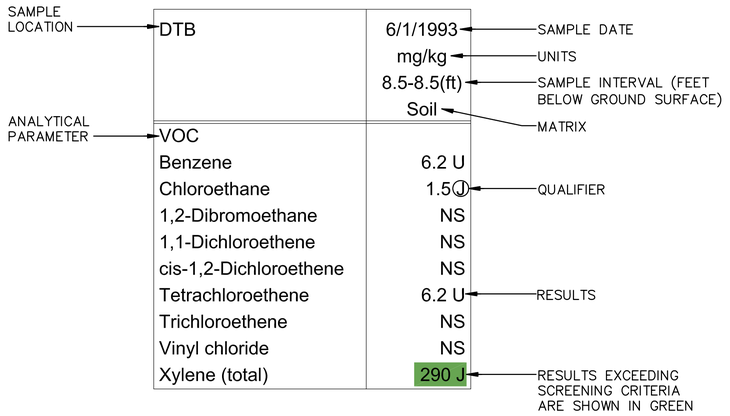


DATA VALIDATION QUALIFIERS

B – ANALYTE FOUND IN ASSOCIATED BLANK

BJ – METHOD BLANK CONTAMINATION. ESTIMATED VALUE.

E – EXCEED CALIBRATION RANGE OF GC/MS INSTRUMENT OR ESTIMATED BECAUSE OF THE PRESENCE OF INTERFERENCE.

J – ESTIMATED VALUE

JD – HISTORICAL QUALIFIER, NOT IDENTIFIED

M – DUPLICATE INJECTION PRECISION NOT MET

R – REJECTED

U – ANALYTE/COMPOUND WAS ANALYZED FOR BUT NOT DETECTED

UJ – EXCEEDS INSERT SCREENING CRITERIA

LEGEND

MW-0501-P1 — MONITORING WELL SCREENED IN DISCONTINUOUS UNIT
P1 DENOTES SCREENED INTERVAL IS IN A PERCHED ZONE ABOVE UNIT S1
I2 DENOTES SCREENED INTERVAL IS A SAND UNIT BETWEEN UNITS S1 AND S2

MW-0603-S1 — MONITORING WELL S2 SCREENED IN UNIT S1

MW-0603-S2 — MONITORING WELL SCREENED IN UNIT S2

MW-0603-B1 — MONITORING WELL SCREENED IN UNIT B1.
UNIT B1 REFERS TO THE UPPER–MOST TRANSMISSIVE ZONE WITHIN THE LIMESTONE BEDROCK UNIT.

MW-0615-B1a — MONITORING WELL
(B1A LOCATIONS ARE OPEN BEDROCK BOREHOLES TO A DEPTH OF APPROXIMATELY 150 FT BG CURRENTLY SEALED WITH FLUTE LINERS)

PRE–RFI SOIL BORING LOCATIONS

RFI SOIL BORING LOCATIONS

RFI PHASE IV LOCATION (ID IS THE LAST DIGIT ASSOCIATED WITH BORING ID)
E.G. 1 EQUALS SB–0701 AND 54 EQUALS SB–0754

63 — RFI PHASE IV NOVEMBER 2007 STEP–OUT LOCATIONS (ID IS THE LAST DIGIT ASSOCIATED WITH BORING ID) E.G. 63 EQUALS SB–0763 AND 75 EQUALS SB–0775

13 — RFI PHASE IV JANUARY 2008 STEP–OUT LOCATIONS (ID IS THE LAST DIGIT ASSOCIATED WITH BORING ID) E.G. 01 EQUALS SB–0801 AND 14 EQUALS SB–0814

SGP-0711 — SOIL GAS MONITORING POINT

S — SEWER UTILITY

W — WATER UTILITY

G — GAS UTILITY

FIBER OPTIC UTILITY

PROPERTY BOUNDARY

FORMER BUILDING OUTLINE

AOI 1 — AREA OF INTEREST

NOTES:

1. TOTAL PCBS WERE SUMMED BY ADDING THE POSITIVE DETECTIONS PLUS HALF THE QUANTITATION LIMITS FOR NON–DETECT RESULTS OF AROCLORS DETECTED IN THE SAME MEDIUM ELSEWHERE AT THE SITE. WHERE QUANTITATION LIMITS WERE NOT AVAILABLE, THE REPORTING LIMITS WERE USED.

2. FOR SOIL: [TOT] INDICATES 1,2–DICHLOROETHENE RESULTS WHERE SPECIATION WAS NOT PERFORMED. TOTAL 1,2–DICHLOROETHENE COMPARED TO CIS–1,2–DICHLOROETHENE CRITERIA.

DATABOX INFORMATION:

NS – NOT ANALYZED FOR THE SPECIFIC CONSTITUENT.

WATER ANALYTICAL RESULTS (mg/L)

SOIL ANALYTICAL RESULTS (mg/kg)

DATABOXES INCLUDE CONSTITUENTS THAT WERE DETECTED ABOVE THE FOLLOWING SCREENING CRITERIA:

SOIL – RESIDENTIAL US EPA REGION 9 PRGS AT A TARGET CANCER RISK OF 10^–5; CALCULATED RESIDENTIAL SOIL VOLATILIZATION TO INDOOR AIR CRITERIA AT A TARGET RISK OF 10^–6; AND CALCULATED MIGRATION TO GROUNDWATER CRITERIA WITH DRINKING WATER ENDPOINTS.

GROUNDWATER – STATE OR FEDERAL MCLS OR REGION 9 TAP WATER INGESTION VALUES AT A TARGET CANCER RISKOF 10^–5.

CONCENTRATIONS EXCEEDING THE CRITERIA WERE IDENTIFIED AS FOLLOWS:

- OFF–SITE SOIL EXCEEDING ANY OF THE FOLLOWING CRITERIA: RESIDENTIAL USEPA REGION 9 PRGS AT A TARGET CANCER RISK OF 10^–5, CALCULATED RESIDENTIAL SOIL VOLATILIZATION TO INDOOR AIR CRITERIA AT A TARGET RISK OF 10^–5, AND CALCULATED MIGRATION TO GROUNDWATER CRITERIA WITH DRINKING WATER ENDPOINTS FOR THE DEEPEST SAMPLE ONLY.
- ON–SITE SOIL EXCEEDING ANY OF THE FOLLOWING CRITERIA: INDUSTRIAL USEPA REGION 9 PRGS AT A TARGET CANCER RISK OF 10^–5, CALCULATED INDUSTRIAL SOIL VOLATILIZATION TO INDOOR AIR CRITERIA AT A TARGET RISK OF 10^–5, AND CALCULATED MIGRATION TO GROUNDWATER CRITERIA WITH DRINKING WATER ENDPOINTS FOR THE DEEPEST SAMPLE ONLY.
- OFF–SITE WATER EXCEEDING ANY OF THE FOLLOWING CRITERIA: STATE OR FEDERAL MCLS OR REGION 9 TAP WATER INGESTION VALUES AT A TARGET CANCER RISK OF 10^–5, CALCULATED CONSTRUCTION WORKER GROUNDWATER CONTACT CRITERIA AT A TARGET CANCER RISK OF 10^–5, CALCULATED RESIDENTIAL NON–POTABLE USE (I.E., KIDDIE POOL) CRITERIA, AND RESIDENTIAL VOLATILIZATION TO INDOOR AIR CRITERIA AT A TARGET CANCER RISK OF 10^–5.
- ON–SITE WATER EXCEEDING ANY OF THE FOLLOWING CRITERIA: STATE OR FEDERAL MCLS OR REGION 9 TAP WATER INGESTION VALUES AT A TARGET CANCER RISK OF 10^–5, CALCULATED CONSTRUCTION WORKER GROUNDWATER CONTACT CRITERIA AT A TARGET CANCER RISK OF 10^–5, AND INDUSTRIAL VOLATILIZATION TO INDOOR AIR CRITERIA AT A TARGET CANCER RISK OF 10^–5.

NOTE:

FOR WELL SYMBOLS:
"S" DENOTES CONTINUOUS SATURATED SAND UNIT
"B" DENOTES SATURATED BEDROCK UNIT
"P" DENOTES DISCONTINUOUS SATURATED SAND UNIT ABOVE UNIT S1
"I" DENOTES DISCONTINUOUS SATURATED SAND UNIT BETWEEN UNITS S1 AND S2
SUFFIX "U" DENOTES WELL SCREEN IN UPPER PORTION OF AQUIFER

MOTORS LIQUIDATION COMPANY
FORMER GM DELCO PLANT 5
KOKOMO, INDIANA
RCRA FACILITY INVESTIGATION REPORT

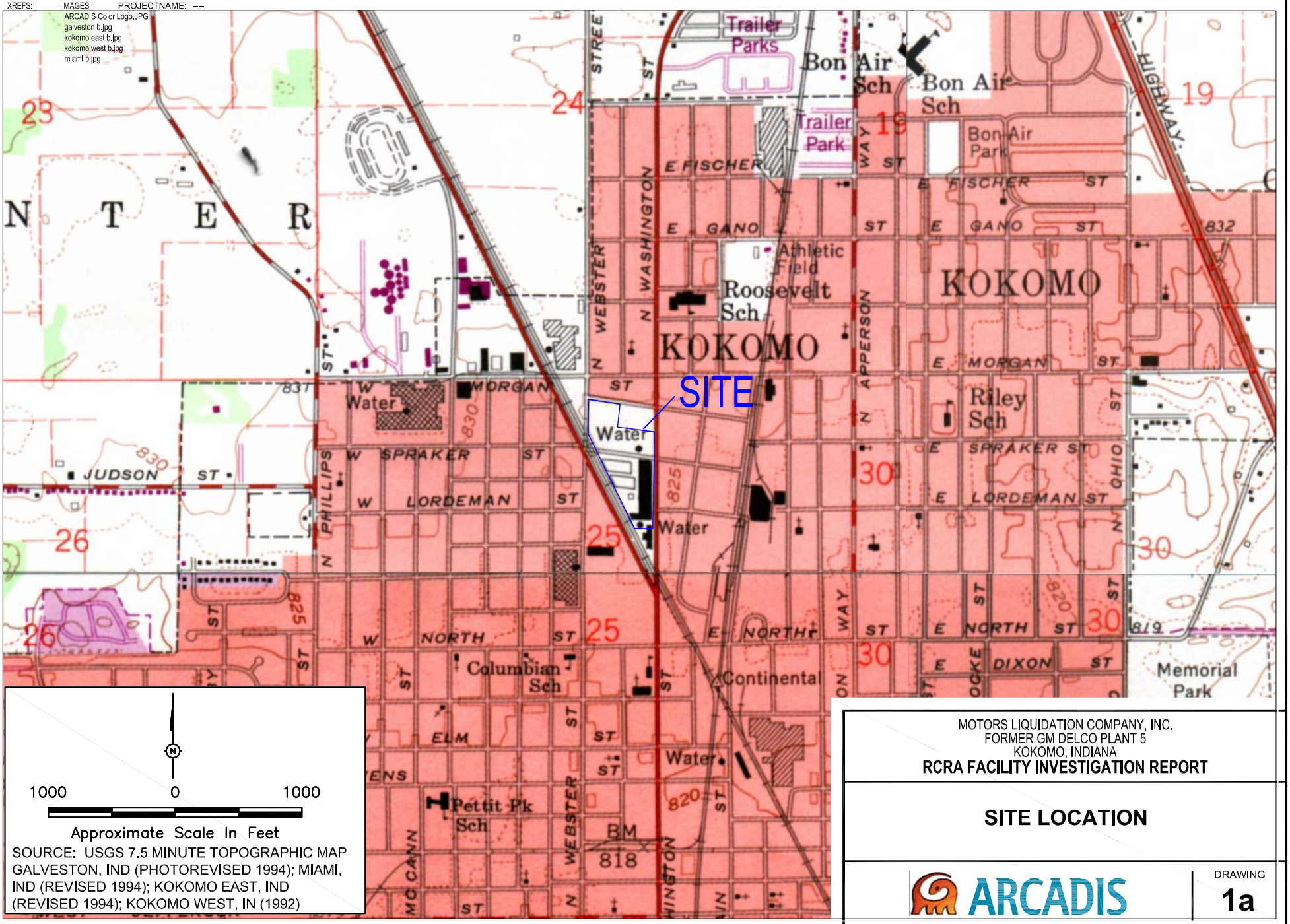
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galveston b.jpg
kokomo east b.jpg
kokomo west b.jpg
miami b.jpg



SOURCE: USGS 7.5 MINUTE TOPOGRAPHIC MAP GALVESTON, IND (PHOTOREVISED 1994); MIAMI, IND (REVISED 1994); KOKOMO EAST, IND (REVISED 1994); KOKOMO WEST, IN (1992)

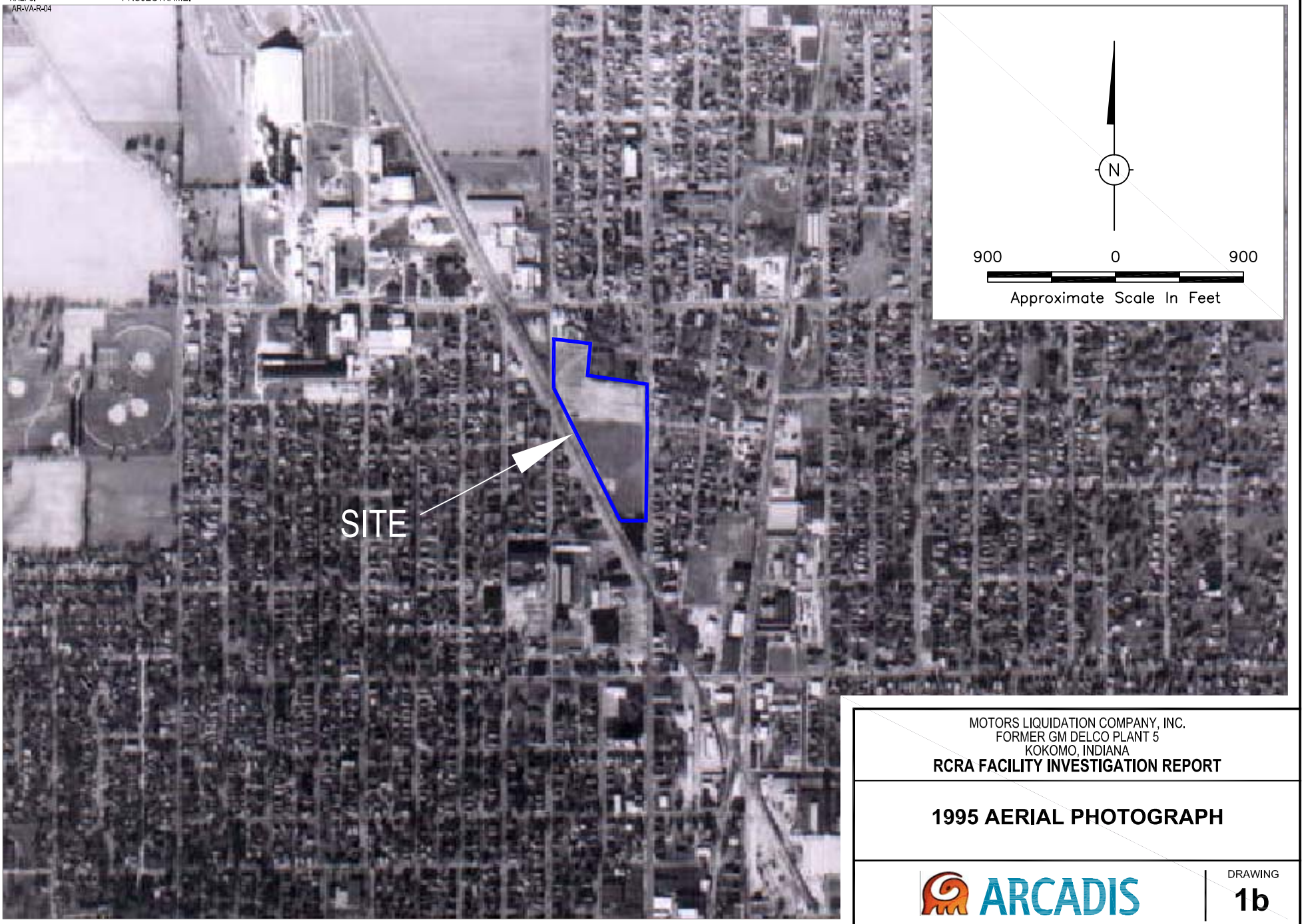
MOTORS LIQUIDATION COMPANY, INC.
FORMER GM DELCO PLANT 5
KOKOMO, INDIANA
RCRA FACILITY INVESTIGATION REPORT

SITE LOCATION

ARCADIS

DRAWING
1a

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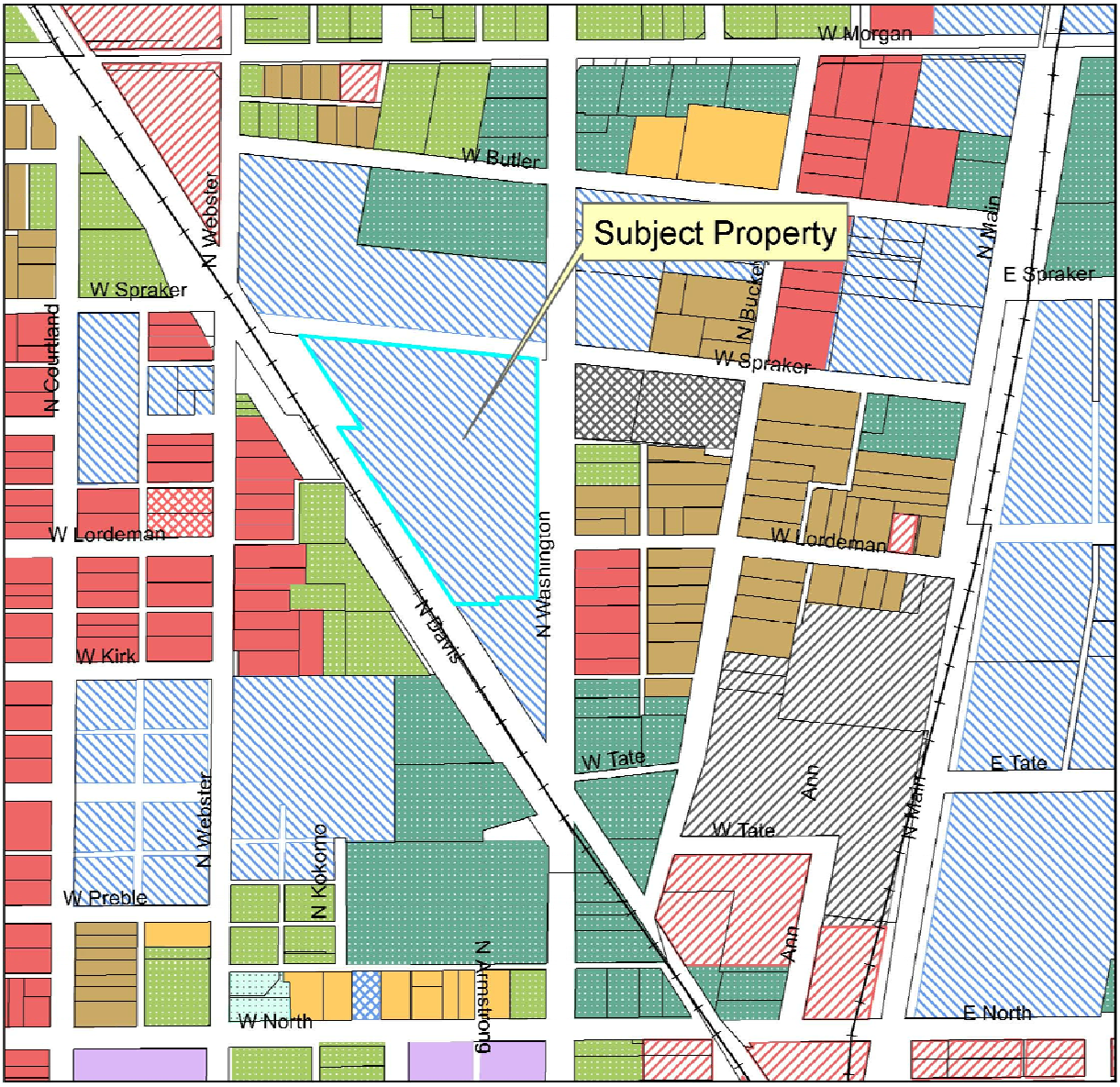
MOTORS LIQUIDATION COMPANY, INC.
FORMER GM DELCO PLANT 5
KOKOMO, INDIANA

RCRA FACILITY INVESTIGATION REPORT

1995 AERIAL PHOTOGRAPH

ARCADIS

DRAWING
1b





Prepared by:
Kokomo - Howard County
Plan Commission,
Printed: 2/26/2009

Kokomo Zoning Districts

AHOL	AG	C1	R1	M1	
WH-OL	IS	C2	R2	M2	
WR-OL	NC	LI	R3	MP	
FH-OL	DC	MI	R4	PDM1	
PR	OC	HI	R5	PDC2	

GENERAL MOTORS CORPORATION
FORMER GM DELCO PLANT 5
RCRA FACILITY INVESTIGATION REPORT

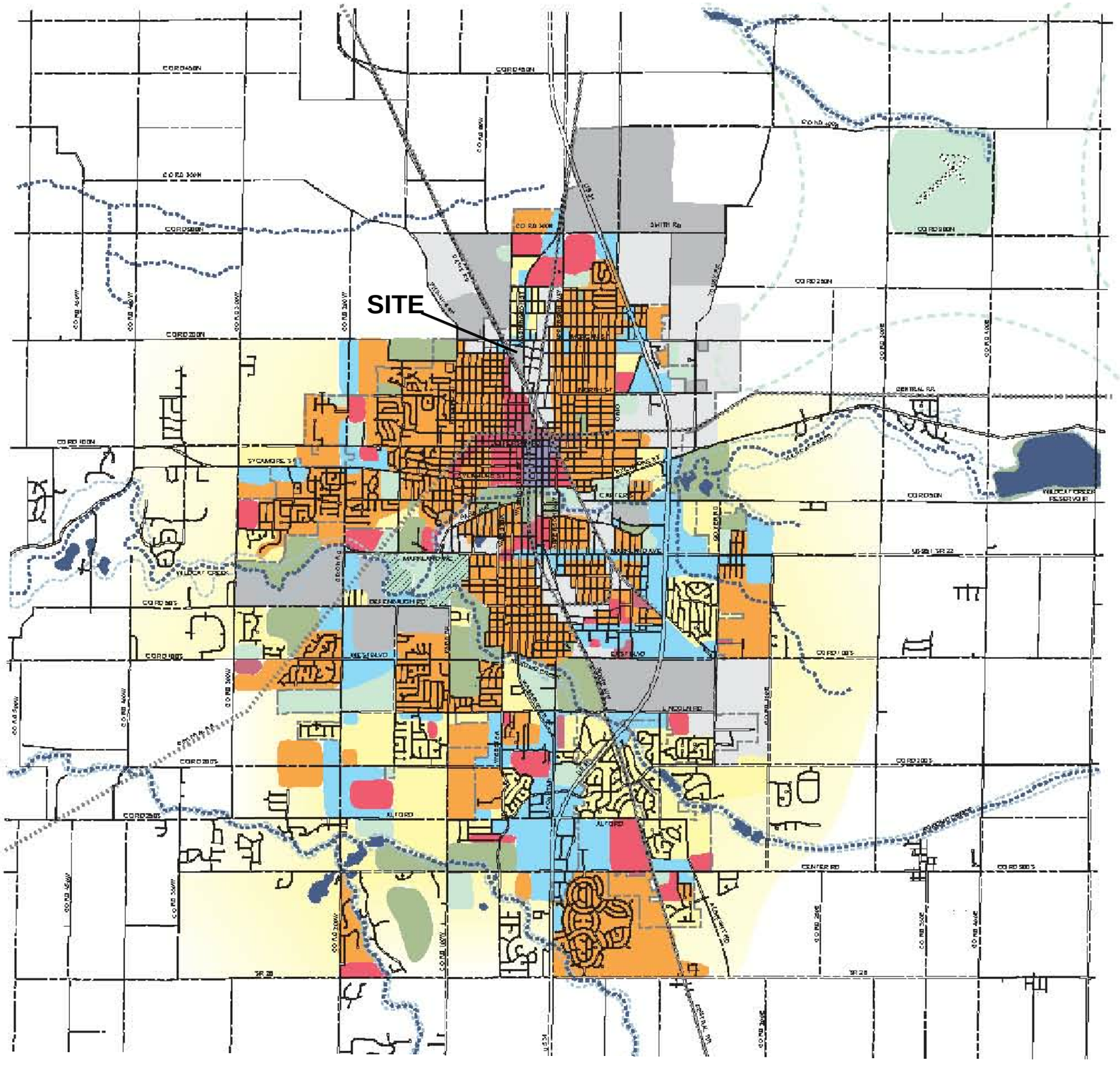
ZONING DISTRICTS

ARCADIS

DRAWING
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Kokomo Delco Site Zoning.jpg
Planned Future Use.jpg

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26638.tif
Kokomo Delco Site Zoning.jpg
Planned Future Use.jpg



City of Kokomo Comprehensive Plan

- Low Density Residential (under 3 units/acre)
- Medium Density Residential (3-6 units/acre)
- High Density Residential (over 6 units/acre)
- Institutional/Government
- Future Study Area
- Neighborhood Commercial
- Downtown Commercial
- General Commercial
- Parks & Recreation
- Office/High Tech/Light Industrial
- Heavy/Medium Industrial

- Corporate Boundary
- Railroad
- Airport Hazard Zone
- Floodplain Boundary

0 1 Mile 1Mile North

This map locates the primary land uses within the City of Kokomo. It is intended to only represent general districts of land use and geographically depict the land use goals of the community. All current and future land use decisions shall be judged and ultimately influenced by this land use map.

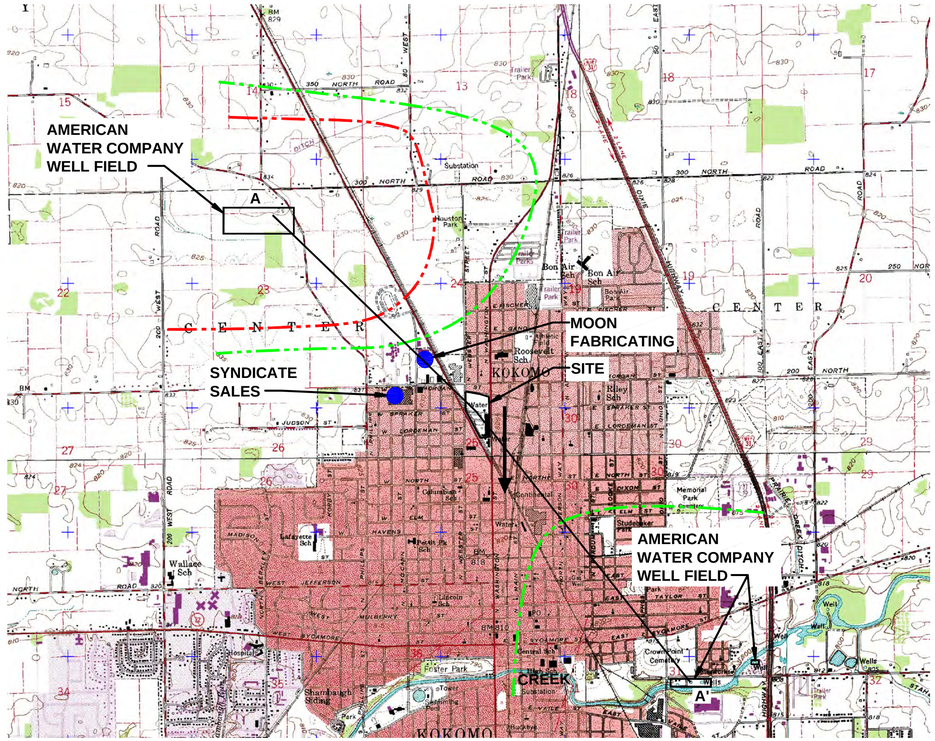
Floodplain areas shown on this map are for illustrative purposes only. The exact location of floodplain boundaries should be determined with reference to the FEMA maps and appropriate site survey.

GENERAL MOTORS CORPORATION
FORMER GM DELCO PLANT 5
RCRA FACILITY INVESTIGATION

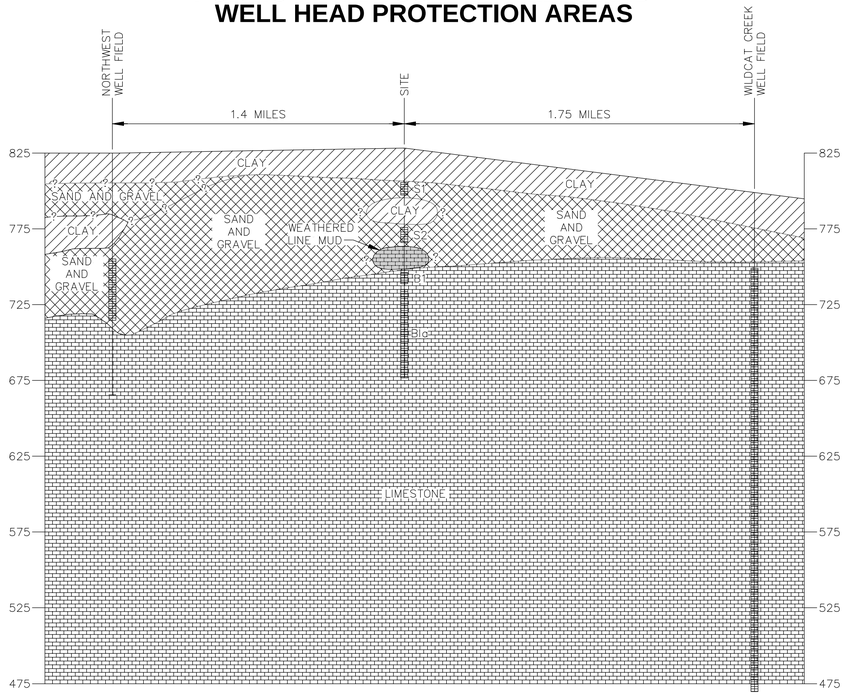
CITY OF KOKOMO COMPREHENSIVE PLAN 2001

ARCADIS

DRAWING
1d



PUBLIC WATER SUPPLY WELLS AND WELL HEAD PROTECTION AREAS



GENERALIZED CROSS-SECTION SHOWING THE RELATIONSHIP OF THE NORTHWEST, SITE, AND WILDCAT CREEK WELL FIELDS

N

LEGEND:

- GENERALIZED SHALLOW GROUNDWATER FLOW
- APPROXIMATE EXTENT OF THE 5-YEAR TIME OF TRAVEL LINE (EXTENT OF WELL HEAD PROTECTION AREA)
- APPROXIMATE EXTENT OF WELL HEAD PROTECTION AREA (LINE REPRESENTS 10-YEAR TRAVEL TIME)
- LOCATION OF KNOWN SIGNIFICANT WATER USERS
- A—A CROSS-SECTION REFERENCE FOR GENERALIZED CROSS-SECTION

NOTE:

1. SOURCE: USGS 7.5 MINUTE TOPOGRAPHIC MAP.

0 2000' 4000'
GRAPHIC SCALE

LEGEND:

- SAND AND GRAVEL
- CLAY
- SAND
- WEATHERED LIME MUD
- LIMESTONE
- MONITORING WELL SCREENED INTERVAL
- S1/S2/B1 SATURATED SAND UNIT ID

0 2000' 4000'
HORIZONTAL SCALE

0 50' 100'
VERTICAL SCALE

NOTES:

1. SCREENED INTERVAL IS AN AVERAGE ELEVATION.
2. B1a WELLS AT SITE AND WILDCAT CREEK WELLS ARE OPEN BOREHOLES AND DO NOT HAVE SCREENS.
3. GEOLOGY BETWEEN NORTHWEST FIELD AND SITE IS INFERRED BASED ON APPENDIX E: GROUNDWATER POTENTIOMETRIC SURFACE STUDY.

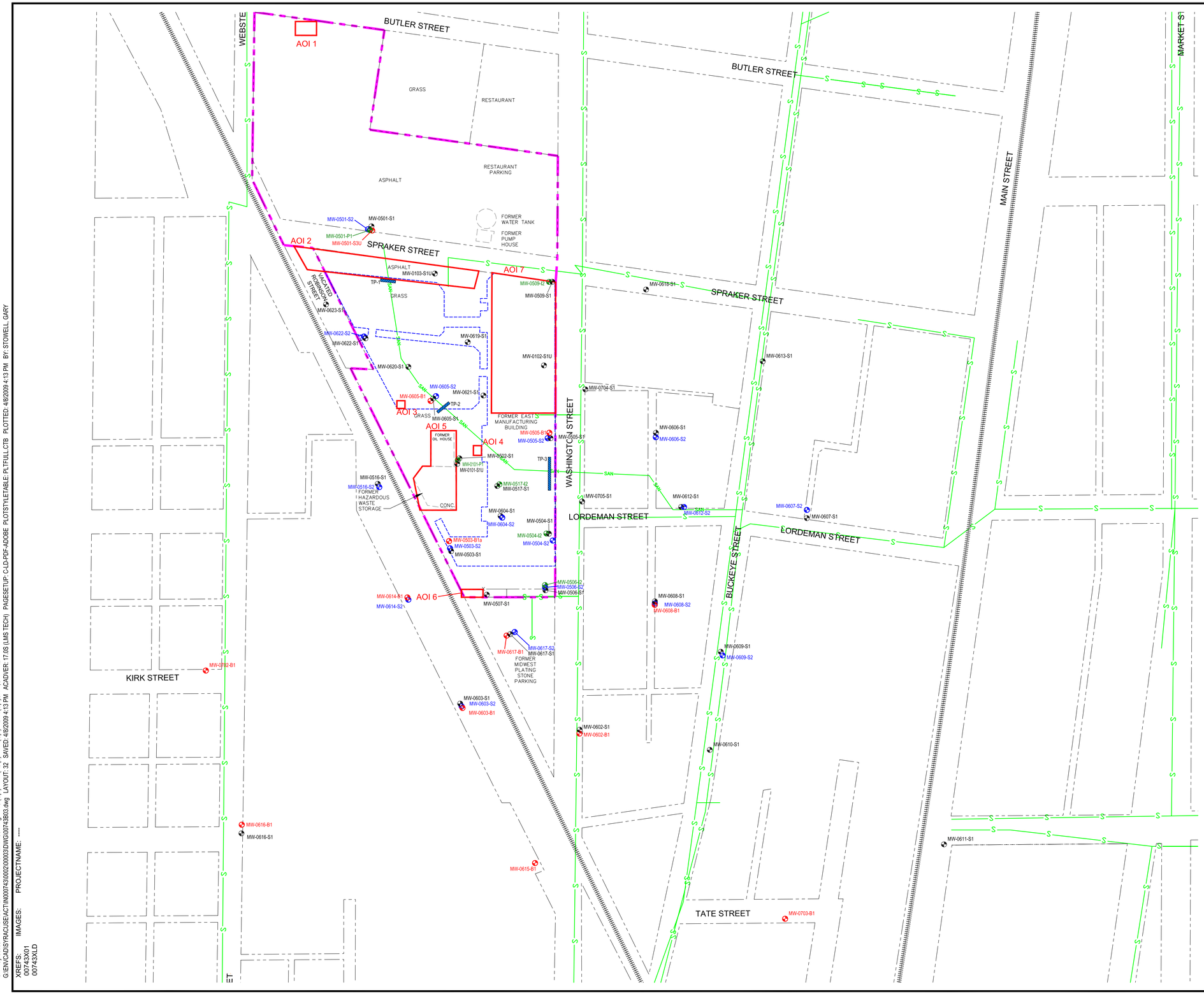
MOTORS LIQUIDATION COMPANY
FORMER GM DELCO PLANT 5
KOKOMO, INDIANA
RCRA FACILITY INVESTIGATION REPORT

PUBLIC WATER SUPPLY WELLS MAP AND CROSS-SECTION

ARCADIS

DRAWING
1

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MOTORS LIQUIDATION COMPANY
FORMER GM DELCO PLANT 5
KOKOMO, INDIANA
RCRA FACILITY INVESTIGATION REPORT

TEST PITS TO LOCATE WILLIAM B. MORGAN SEWER DECEMBER 4, 2007

ARCADIS

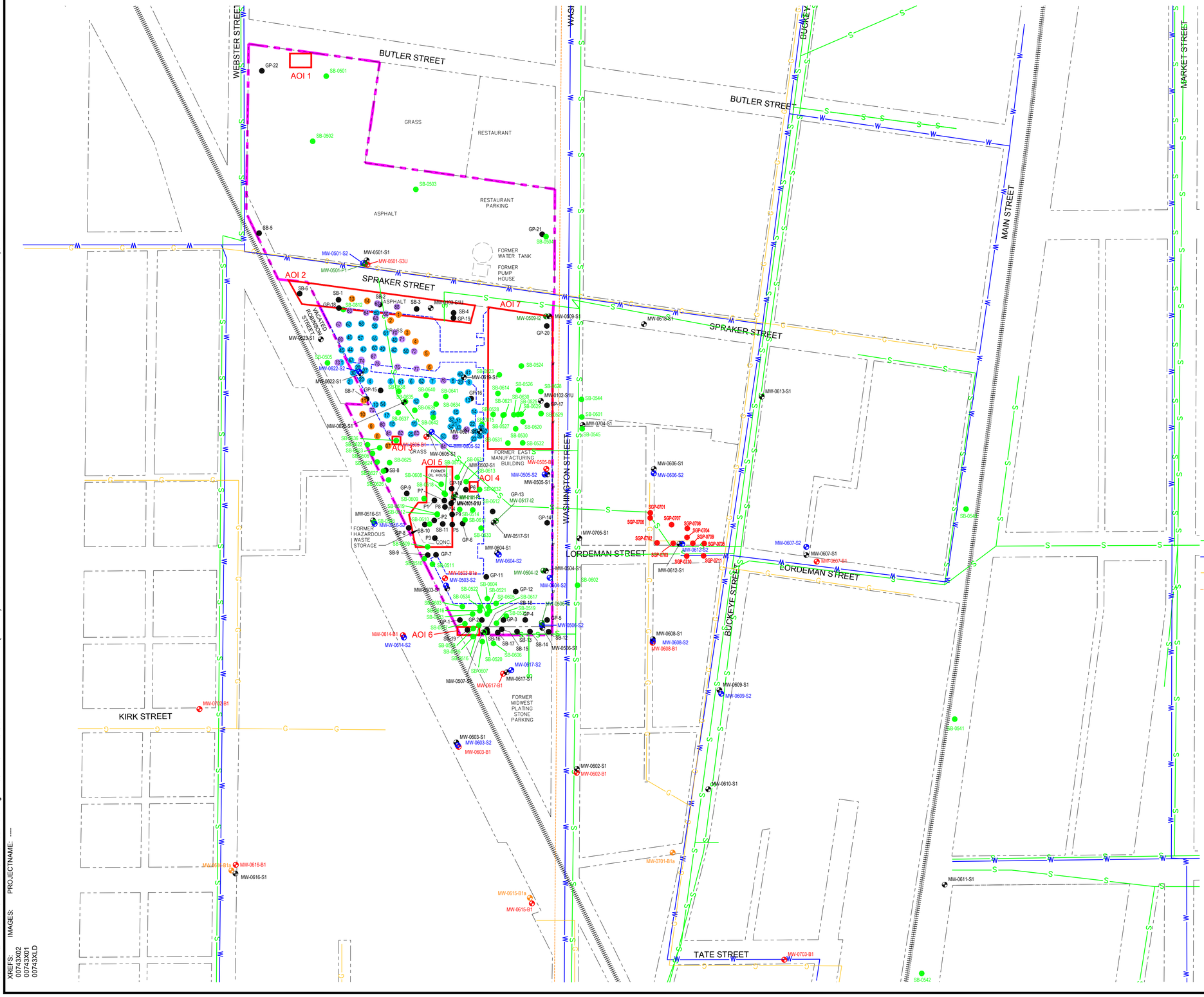
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XREFS:
00743X01
00743XLD

IMAGES:

PROJECTNAME: ----



LEGEND

- MW-0501-P1 — MONITORING WELL SCREENED IN DISCONTINUOUS UNIT P1 DENOTES SCREENED INTERVAL IS IN A PERCHED ZONE ABOVE UNIT S1 I2 DENOTES SCREENED INTERVAL IS A SAND UNIT BETWEEN UNITS S1 AND S2
- MW-0603-S1 — MONITORING WELL S2 SCREENED IN UNIT S1
- MW-0603-S2 — MONITORING WELL SCREENED IN UNIT S2
- MW-0603-B1 — MONITORING WELL SCREENED IN UNIT B1. UNIT B1 REFERS TO THE UPPER-MOST TRANSMISSIVE ZONE WITHIN THE LIMESTONE BEDROCK UNIT.
- MW-0615-B1a — MONITORING WELL (B1A LOCATIONS ARE OPEN BEDROCK BOREHOLES TO A DEPTH OF APPROXIMATELY 150 FT BG CURRENTLY SEALED WITH FLUTE LINERS)
- PRE-RFI SOIL BORING LOCATIONS
- RFI SOIL BORING LOCATIONS
- 62 — RFI PHASE IV LOCATION (ID IS THE LAST DIGIT ASSOCIATED WITH BORING ID) E.G. 1 EQUALS SB-0701 AND 54 EQUALS SB-0754
- 63 — RFI PHASE IV NOVEMBER 2007 STEP-OUT LOCATIONS (ID IS THE LAST DIGIT ASSOCIATED WITH BORING ID) E.G. 63 EQUALS SB-0763 AND 75 EQUALS SB-0775
- 13 — RFI PHASE IV JANUARY 2008 STEP-OUT LOCATIONS (ID IS THE LAST DIGIT ASSOCIATED WITH BORING ID) E.G. 01 EQUALS SB-0801 AND 14 EQUALS SB-0814
- SGP-0711 — SOIL GAS MONITORING POINT
- S — SEWER UTILITY
- W — WATER UTILITY
- G — GAS UTILITY
- FIBER OPTIC UTILITY

NOTE:

UTILITY LOCATIONS ARE APPROXIMATE BASED ON REVIEW OF AVAILABLE PRINTS FROM EACH UTILITY.

0 100' 200'
GRAPHIC SCALE

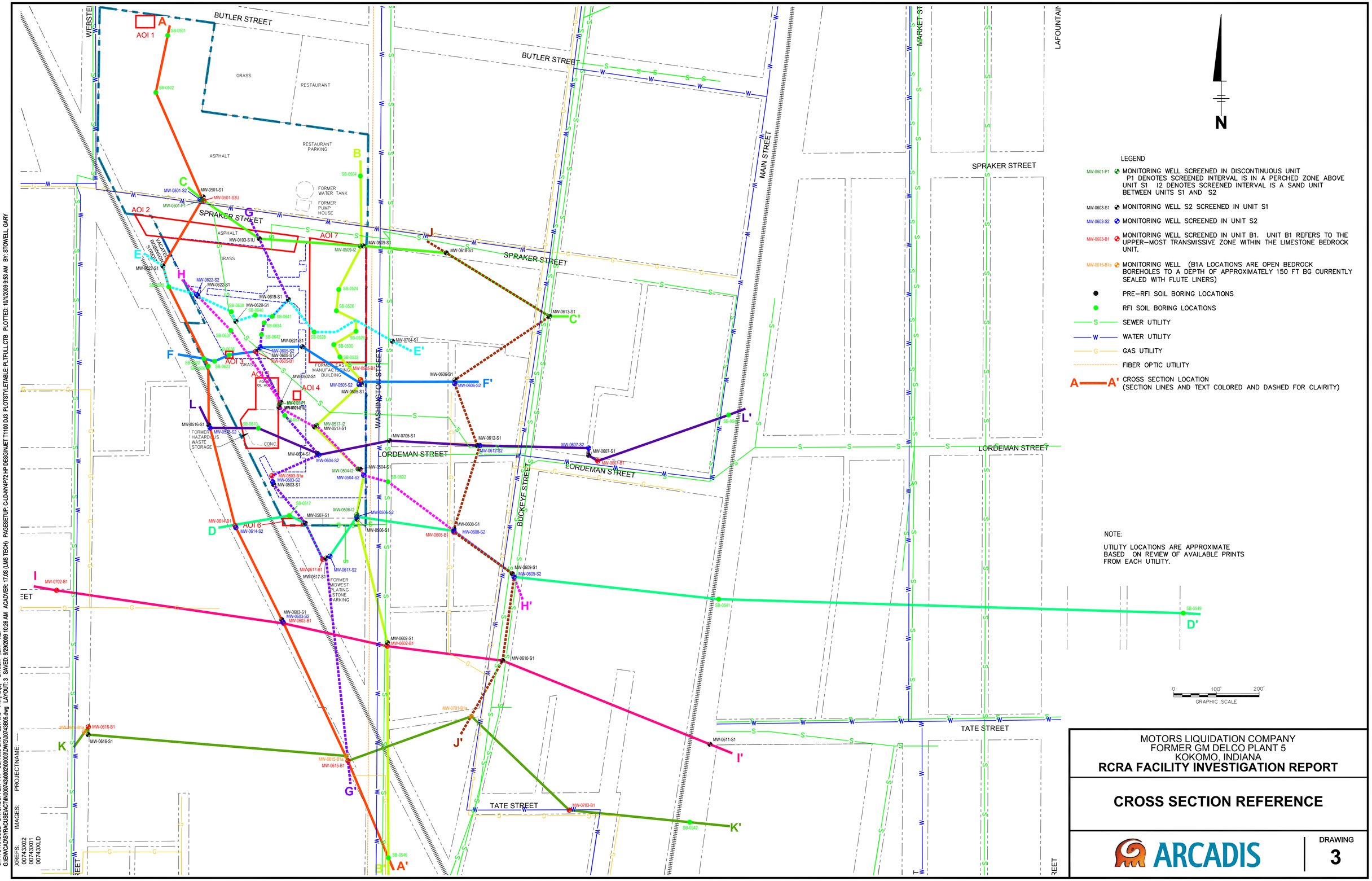
MOTORS LIQUIDATION COMPANY
FORMER GM DELCO PLANT 5
KOKOMO, INDIANA
RCRA FACILITY INVESTIGATION REPORT

BORING AND MONITORING WELL LOCATIONS

ARCADIS

DRAWING 2

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MOTORS LIQUIDATION COMPANY
FORMER GM DELCO PLANT 5
KOKOMO, INDIANA

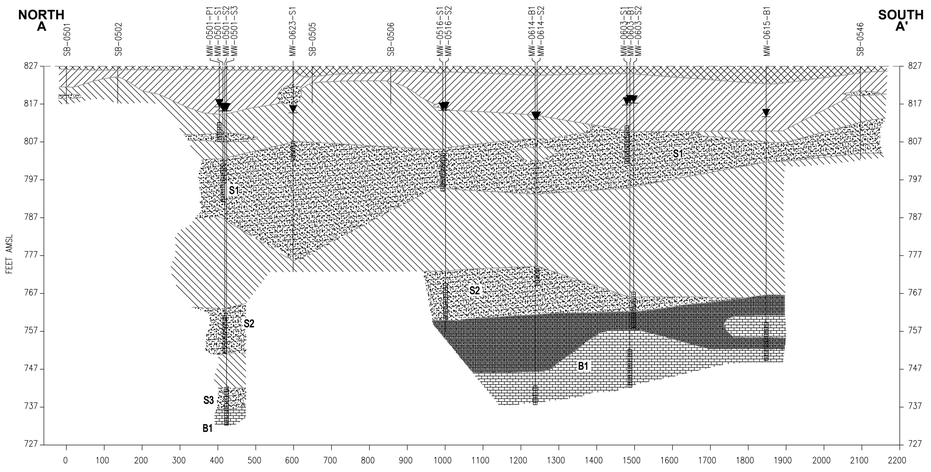
RCRA FACILITY INVESTIGATION REPORT

CROSS SECTION REFERENCE

ARCADIS

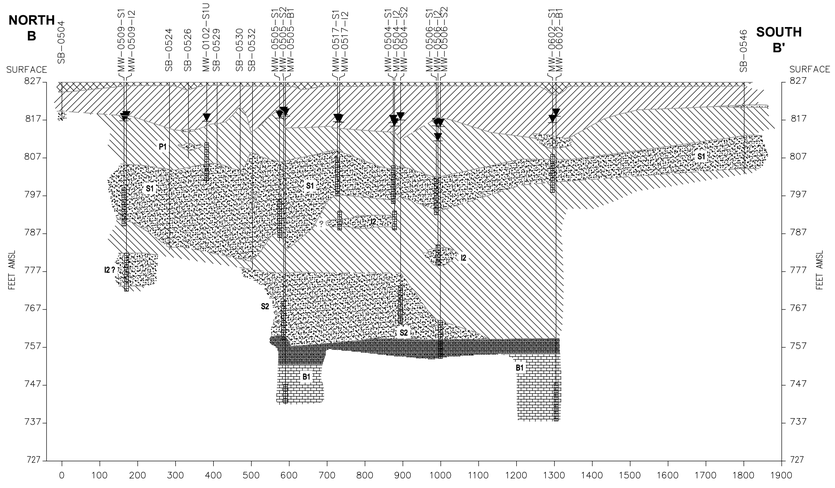
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00743X02
00743X01
00743XLD



CROSS-SECTION A-A'

SEE GRAPHIC SCALES

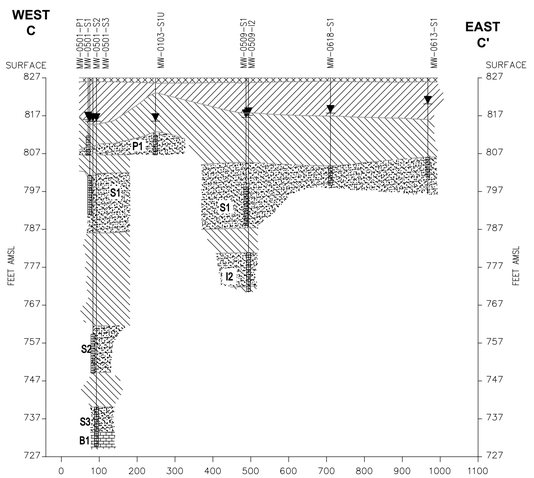


CROSS-SECTION B-B'

SEE GRAPHIC SCALES

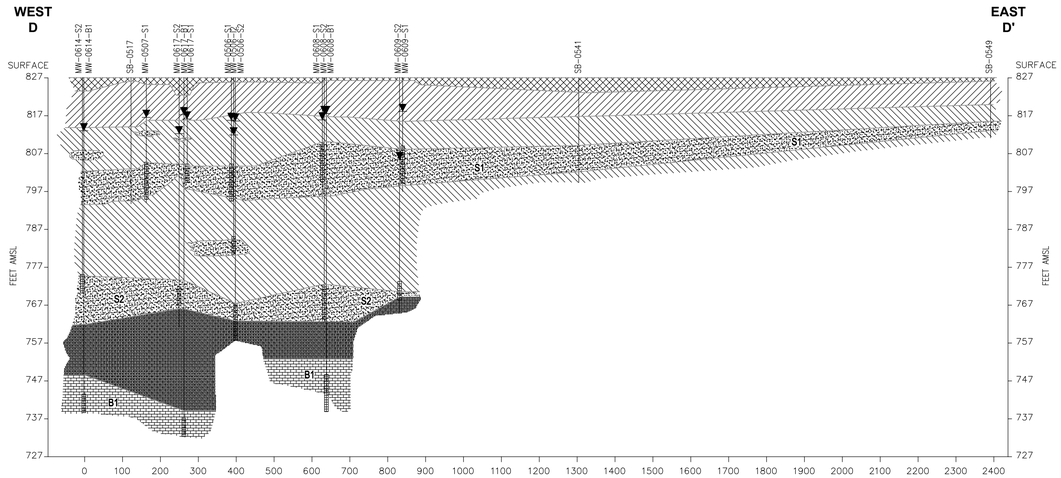
LEGEND:

- FILL/TOPSOIL/GRAVEL/ASPHALT
- PLASTIC CLAY
- SAND
- TILL
- WEATHERED BEDROCK (LIME MUD W/ LIMESTONE FRAGMENTS)
- BEDROCK (LIMESTONE)
- MONITORING WELL SCREENED INTERVAL
- S1/S2/B1 — SATURATED UNIT ID
- P1 — INDICATES DISCONTINUOUS SATURATED SAND UNIT ABOVE UNIT S1
- I2 — INDICATES DISCONTINUOUS SATURATED SAND UNIT BETWEEN UNITS S1 AND S2
- DEPTH TO WATER DATA (10/2007)



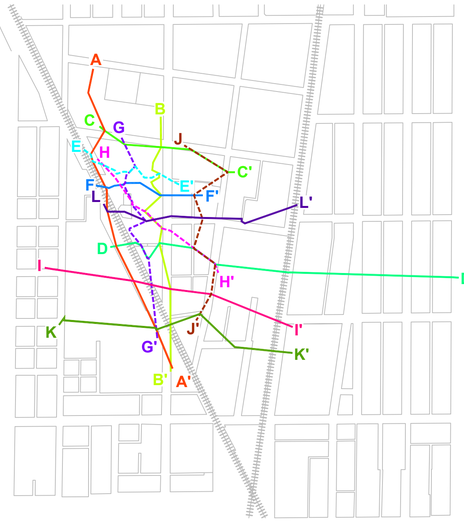
CROSS-SECTION C-C'

SEE GRAPHIC SCALES



CROSS-SECTION D-D'

SEE GRAPHIC SCALES



CROSS-SECTION LOCATIONS

NOT TO SCALE

0 20' 40'
VERTICAL SCALE

0 200' 400'
HORIZONTAL SCALE

MOTORS LIQUIDATION COMPANY
FORMER GM DELCO PLANT 5
KOKOMO, INDIANA

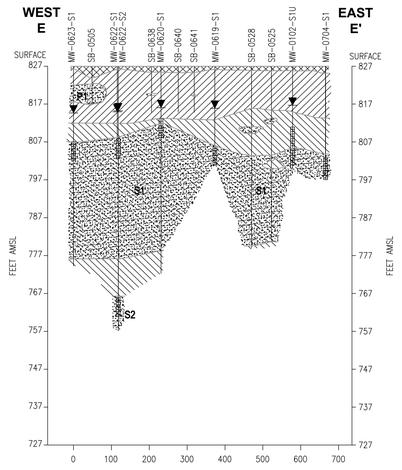
RCRA FACILITY INVESTIGATION REPORT

CROSS SECTIONS
A - A', B - B', C - C', AND D - D'

ARCADIS

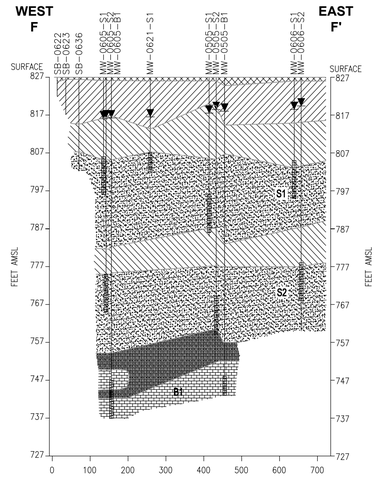
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XREFS: IMAGES: PROJECTNAME: ----
00743XLD



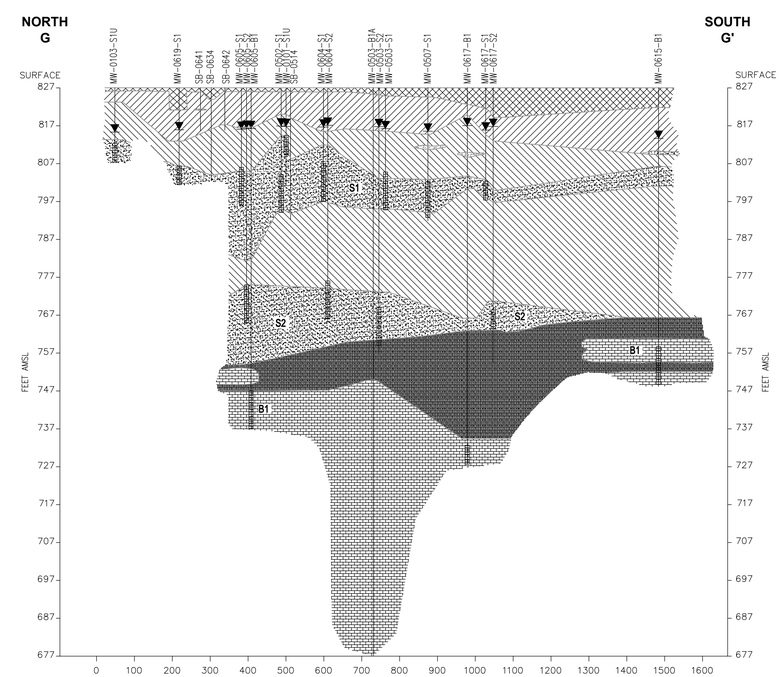
CROSS-SECTION E-E'

SEE GRAPHIC SCALES



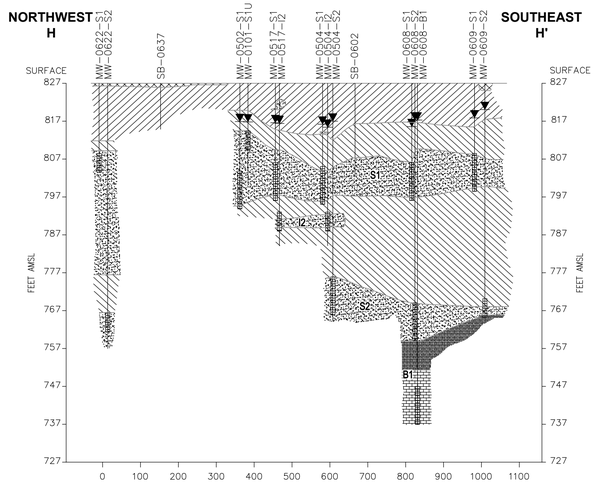
CROSS-SECTION F-F'

SEE GRAPHIC SCALES



CROSS-SECTION G-G'

SEE GRAPHIC SCALES

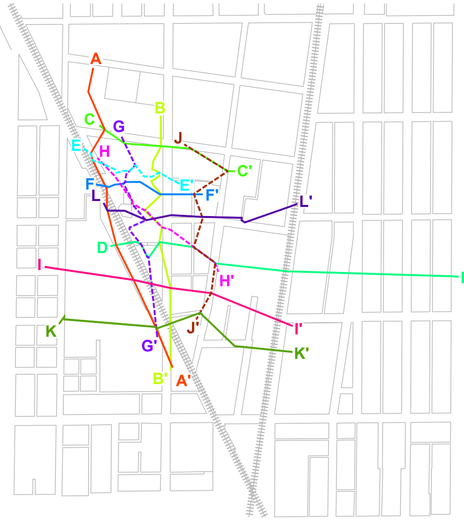


CROSS-SECTION H-H'

SEE GRAPHIC SCALES

LEGEND:

- FILL/TOPSOIL/GRAVEL/ASPHALT
- PLASTIC CLAY
- SAND
- TILL
- WEATHERED BEDROCK (LIME MUD W/ LIMESTONE FRAGMENTS)
- BEDROCK (LIMESTONE)
- MONITORING WELL SCREENED INTERVAL
- S1/S2/B1 — SATURATED UNIT ID
- P1 — INDICATES DISCONTINUOUS SATURATED SAND UNIT ABOVE UNIT S1
- I2 — INDICATES DISCONTINUOUS SATURATED SAND UNIT BETWEEN UNITS S1 AND S2
- ▼ — DEPTH TO WATER DATA (10/2007)



CROSS-SECTION LOCATIONS

NOT TO SCALE

0 20' 40'
VERTICAL SCALE

0 200' 400'
HORIZONTAL SCALE

MOTORS LIQUIDATION COMPANY
FORMER GM DELCO PLANT 5
KOKOMO, INDIANA

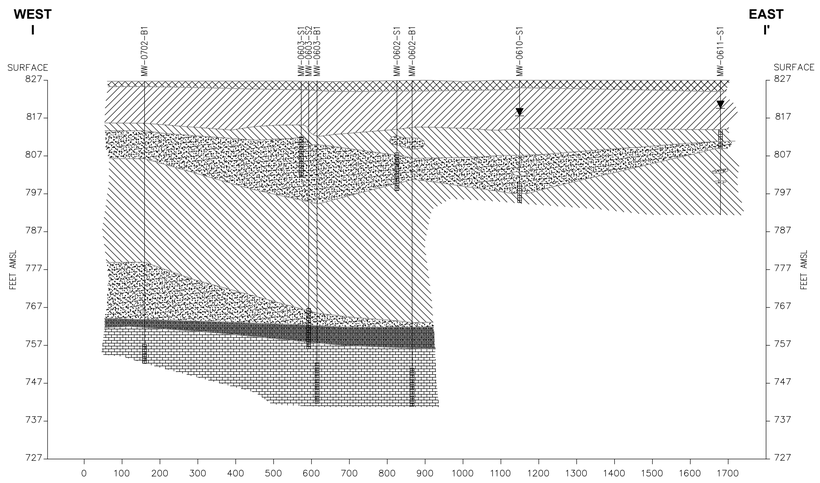
RCRA FACILITY INVESTIGATION REPORT

CROSS SECTIONS
E - E', F - F', G - G', AND H - H'

ARCADIS

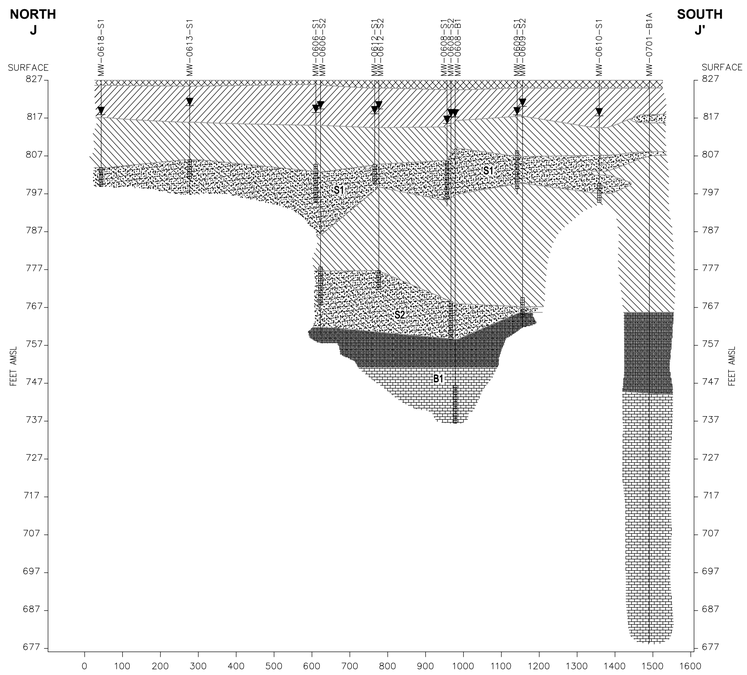
DRAWING
5

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XREFS: PROJECTNAME: ----
IMAGES:
00743XLD



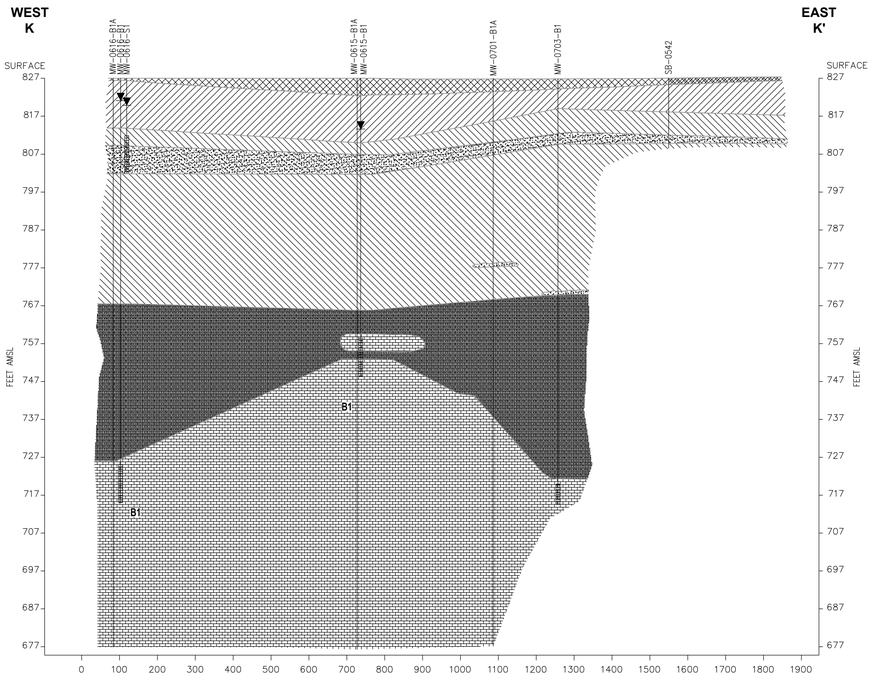
CROSS-SECTION I-I'

SEE GRAPHIC SCALES



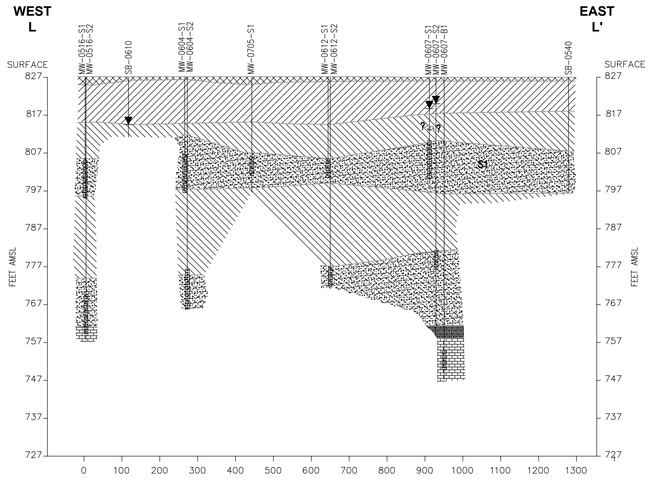
CROSS-SECTION J-J'

SEE GRAPHIC SCALES



CROSS-SECTION K-K'

SEE GRAPHIC SCALES

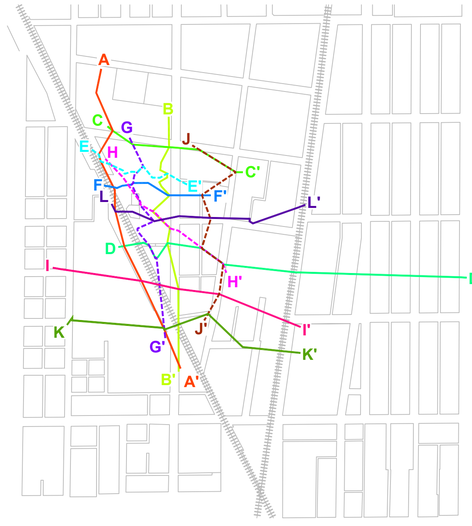


CROSS-SECTION L-L'

SEE GRAPHIC SCALES

LEGEND:

- FILL/TOPSOIL/GRAVEL/ASPHALT
- PLASTIC CLAY
- SAND
- TILL
- WEATHERED BEDROCK (LIME MUD W/ LIMESTONE FRAGMENTS)
- BEDROCK (LIMESTONE)
- MONITORING WELL SCREENED INTERVAL
- S1/S2/B1 — SATURATED UNIT ID
- P1 — INDICATES DISCONTINUOUS SATURATED SAND UNIT ABOVE UNIT S1
- I2 — INDICATES DISCONTINUOUS SATURATED SAND UNIT BETWEEN UNITS S1 AND S2
- DEPTH TO WATER DATA (10/2007)



CROSS-SECTION LOCATIONS

NOT TO SCALE

0 20' 40'
VERTICAL SCALE

0 200' 400'
HORIZONTAL SCALE

MOTORS LIQUIDATION COMPANY
FORMER GM DELCO PLANT 5
KOKOMO, INDIANA

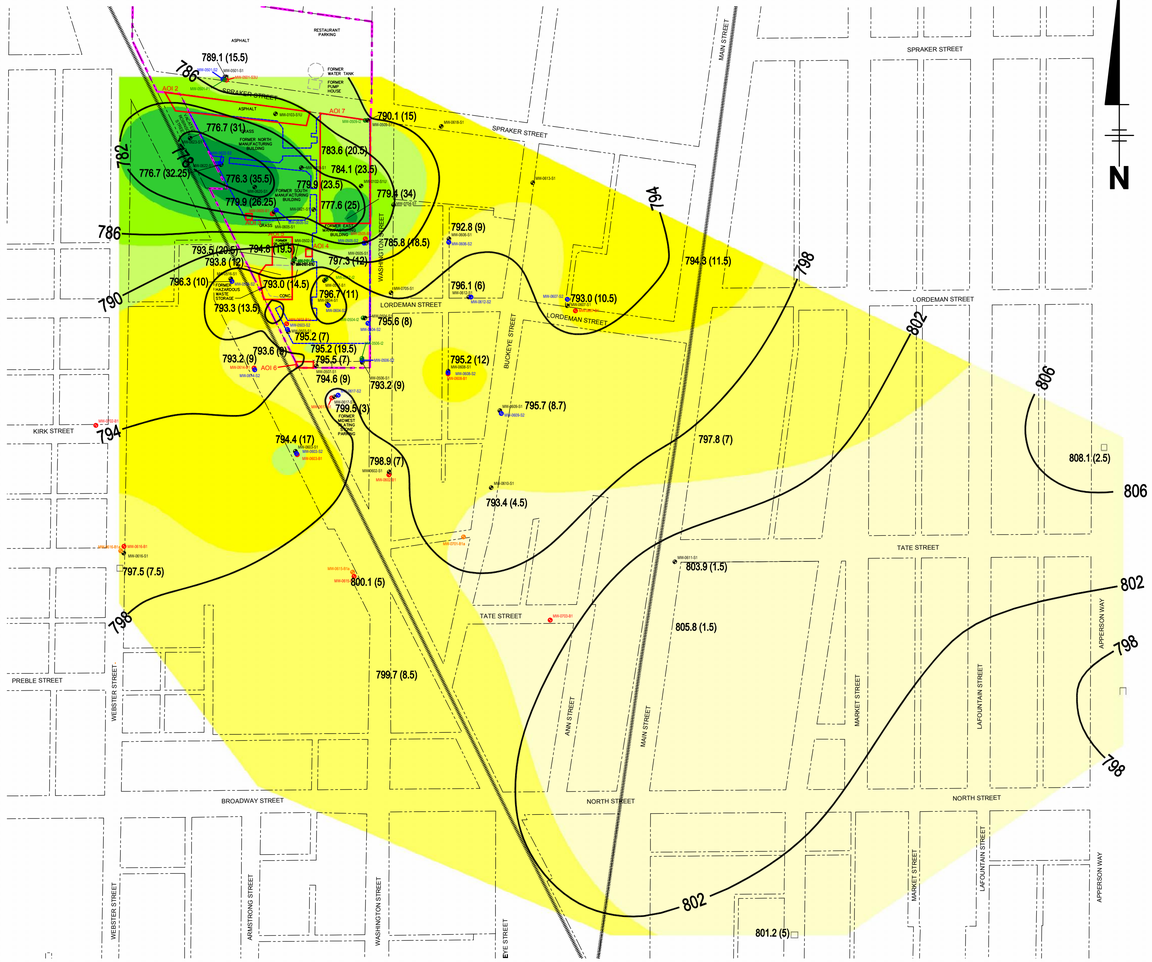
RCRA FACILITY INVESTIGATION REPORT

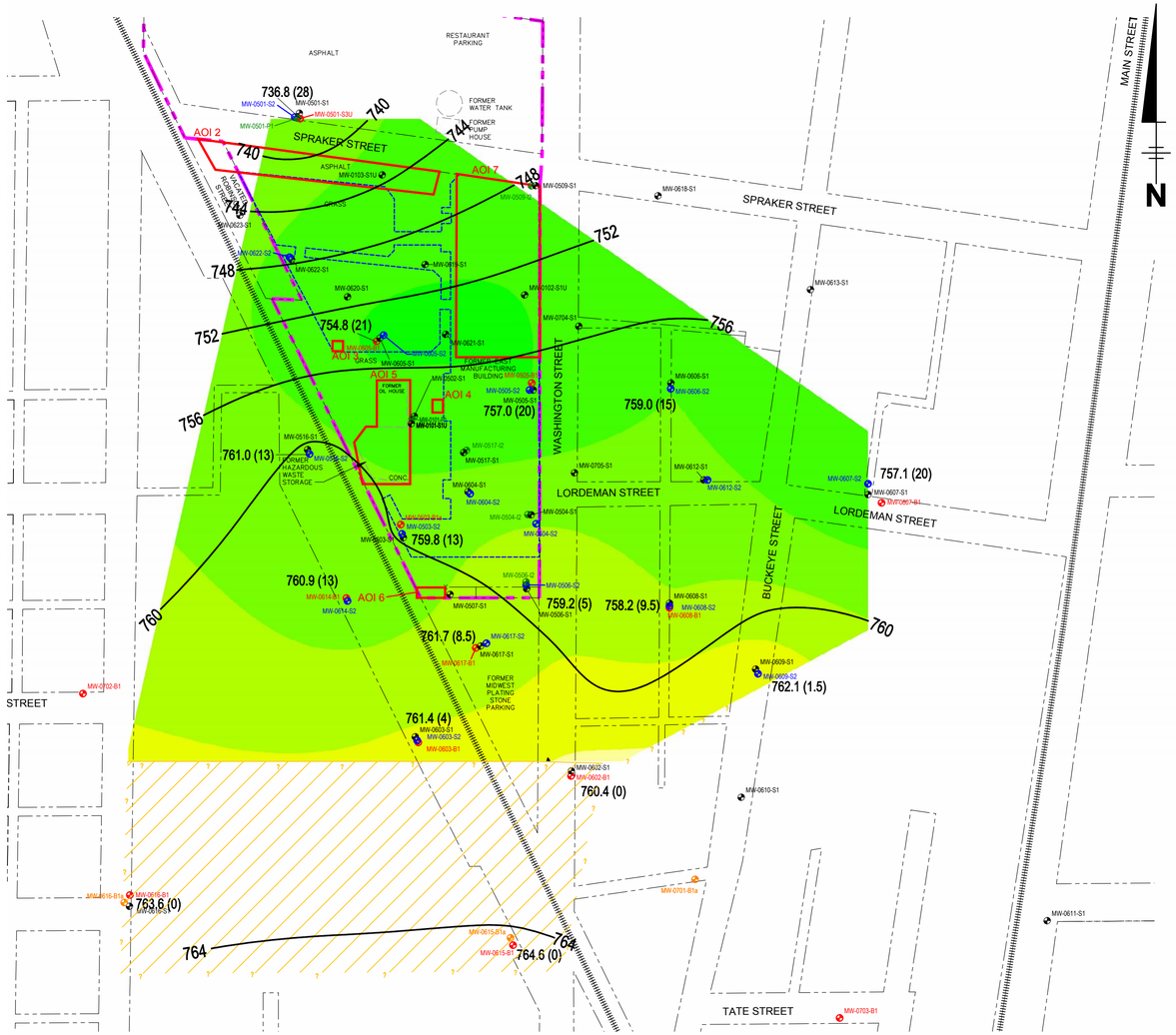
CROSS SECTIONS I - I', J - J', K - K', AND L - L'

ARCADIS

DRAWING 6

CITY: SYRACUSE DIV/GROUP: 141 DB: AMG GMS PM:(Read) LYR: ON=*;OFF=*REF
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XREFS:
IMAGES:
PROJECTNAME: ----
00743XLD





LEGEND:

808.1 (2.5) — ELEVATION OF CLAY (THICKNESS OF SAND UNIT)

SHADIND REPRESENTS THE THICKNESS (FEET) OF THE SATURATED SAND UNIT

35 30 25 20 15 10 5 1 0

NOTES:

1. REFER TO THE LEGEND SHEET FOR MAP SYMBOLS.
2. CONTOUR LINES REPRESENT THE TOP OF THE UNDERLYING CLAY UNIT (BEDROCK INCLUDES WEATHERED LIMESTONE (LIME MUD W/ LIMESTONE FRAGMENTS) AND LIMESTONE BEDROCK.
3. SAND THICKNESS IN THE VICINITY OF MW-0501-B1 INCLUDES A 9 FT CLAY UNIT SEPARATING UNITS S2 AND S3.

ISOPACH OF UNIT S1 AND CONTOURS OF THE TOP OF THE UNDERLYING CLAY

0 200' 400'
GRAPHIC SCALE

LEGEND:

DENOTES AREAS WHERE S2 UNIT IS NOT PRESENT

757.1 (20) — ELEVATION OF BEDROCK (THICKNESS OF SAND UNIT)

SHADIND REPRESENTS THE THICKNESS (FEET) OF THE SATURATED SAND UNIT

30 25 20 15 10 5 1 0

NOTES:

1. REFER TO THE LEGEND SHEET FOR MAP SYMBOLS.
2. CONTOUR LINES REPRESENT THE TOP OF THE UNDERLYING BEDROCK UNIT (BEDROCK INCLUDES WEATHERED LIMESTONE (LIME MUD W/ LIMESTONE FRAGMENTS) AND LIMESTONE BEDROCK.
3. SAND THICKNESS IN THE VICINITY OF MW-0501-B1 INCLUDES A 9 FT CLAY UNIT SEPARATING UNITS S2 AND S3.

ISOPACH OF UNIT S2 AND CONTOURS OF THE TOP OF THE UNDERLYING BEDROCK

0 120' 240'
GRAPHIC SCALE

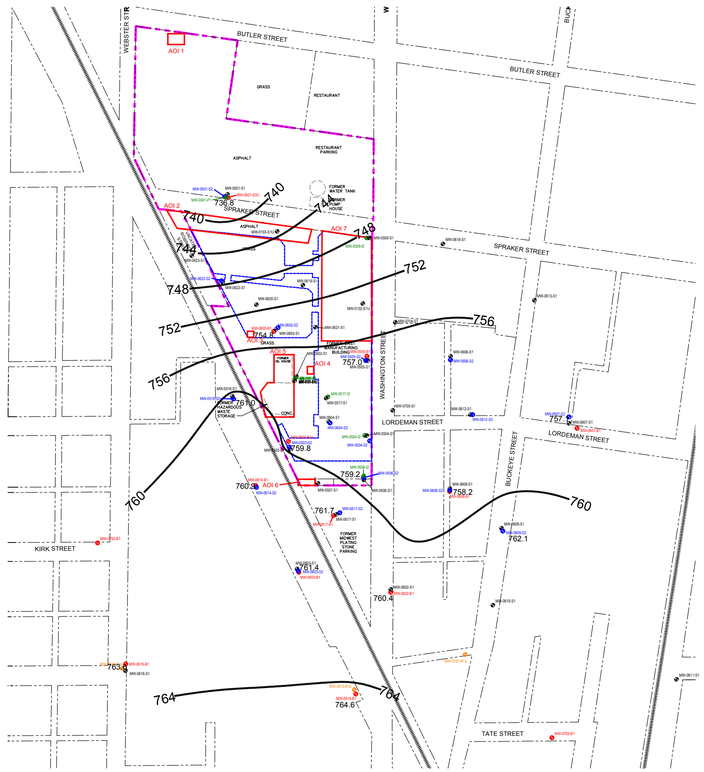
MOTORS LIQUIDATION COMPANY
FORMER GM DELCO PLANT 5
KOKOMO, INDIANA
RCRA FACILITY INVESTIGATION REPORT

ISOPACHS AND CONTOURS OF UNDERLYING CLAY AND BEDROCK GEOLOGY

ARCADIS

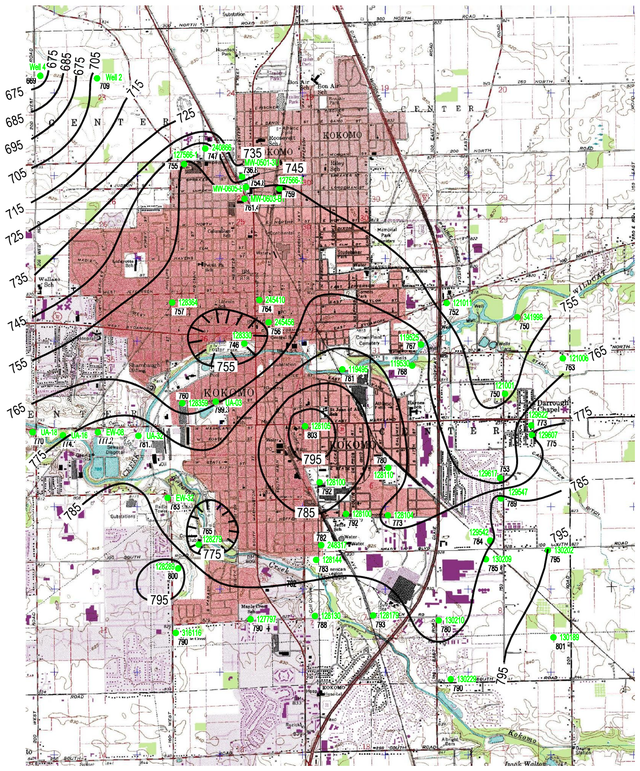
DRAWING 7

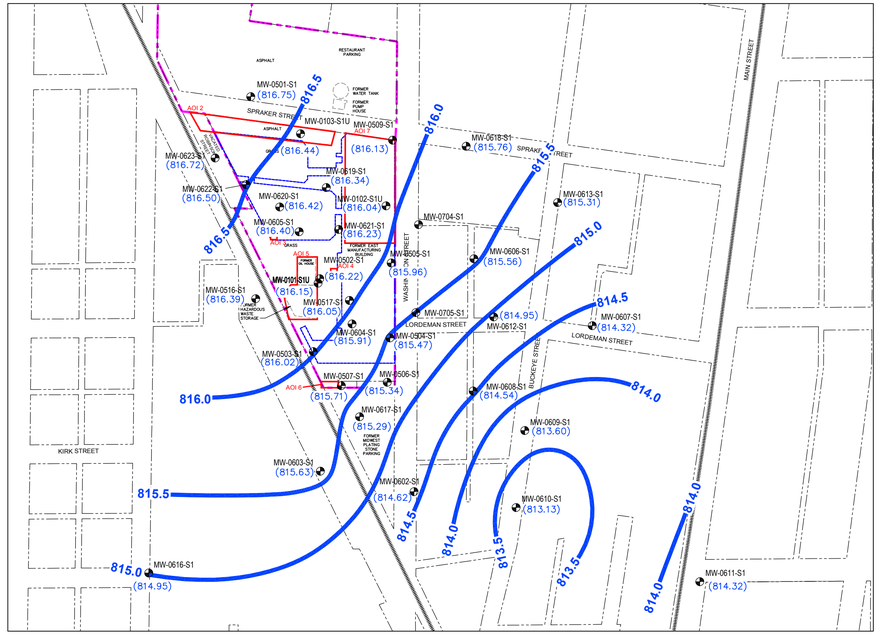
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XREFS: IMAGES: PROJECTNAME: ---
00743XLD
00743X01



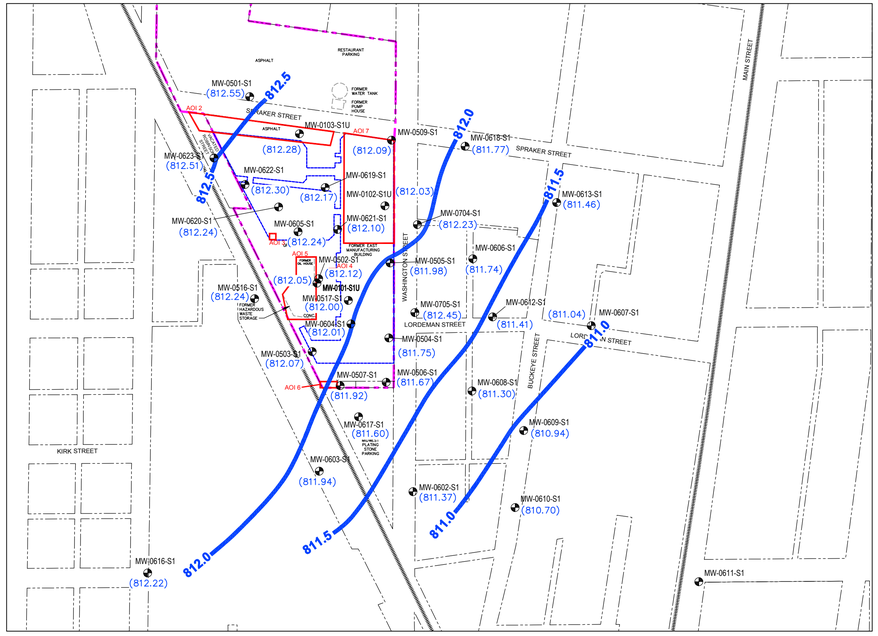
SITE BEDROCK SURFACE

0 200' 400'
GRAPHIC SCALE

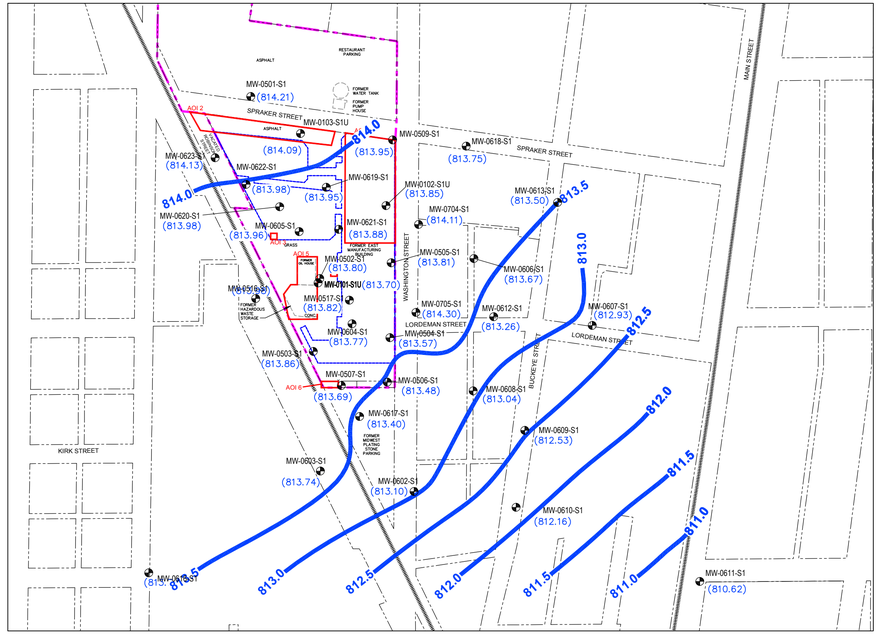




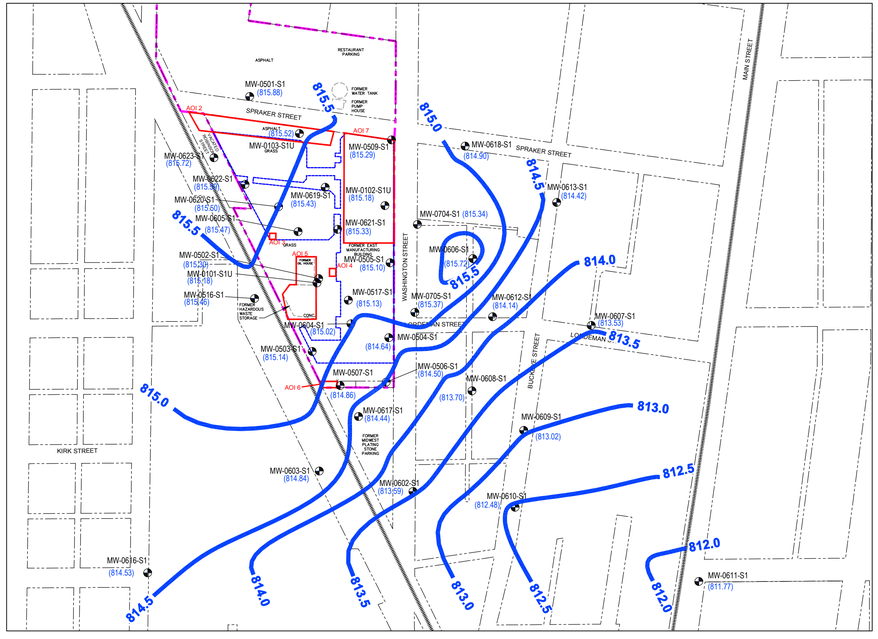
POTENTIOMETRIC SURFACE (MARCH 8, 2007)



POTENTIOMETRIC SURFACE (NOVEMBER 11, 2008)



POTENTIOMETRIC SURFACE (FEBRUARY 17, 2009)



POTENTIOMETRIC SURFACE (JULY 12, 2009)

N

LEGEND

- MW-0603-S1 — MONITORING WELL S2 SCREENED IN UNIT S1
- (810.94) — GROUNDWATER ELEVATION
- 811.0 — GROUNDWATER CONTOUR (DASHED WHERE INFERRED)

0 200' 400'
GRAPHIC SCALE

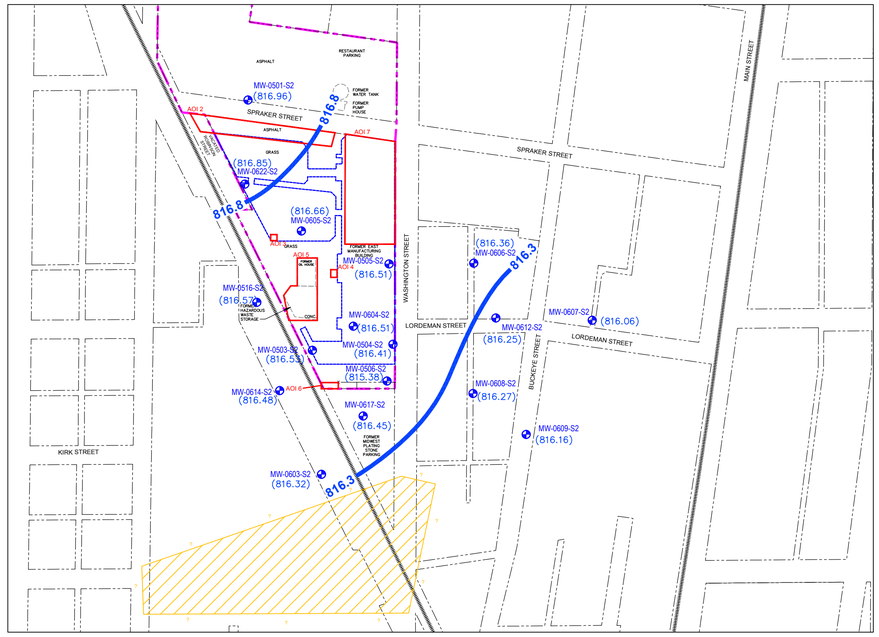
MOTORS LIQUIDATION COMPANY
FORMER GM DELCO PLANT 5
KOKOMO, INDIANA
RCRA FACILITY INVESTIGATION REPORT

UNIT S1 - POTENTIOMETRIC SURFACE MAPS

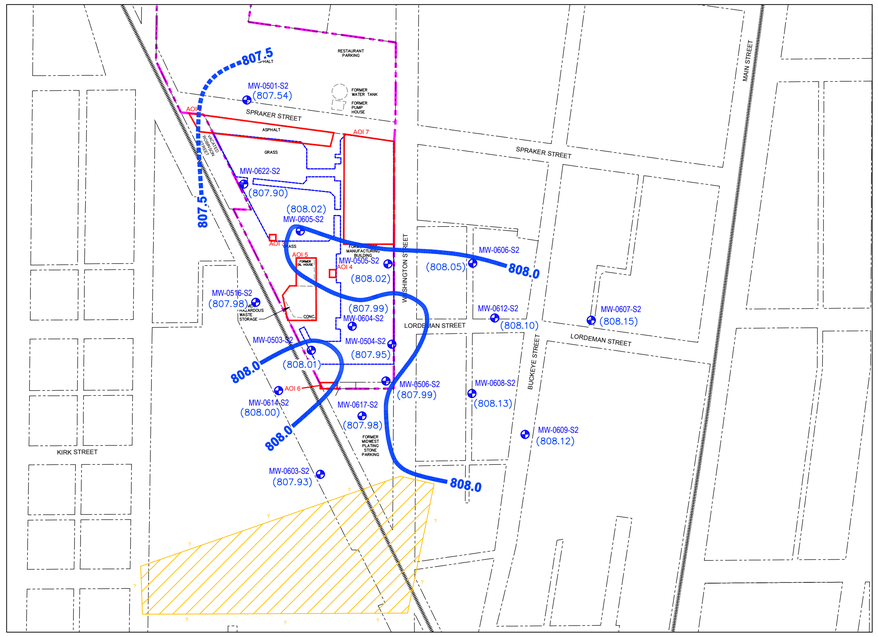
ARCADIS

DRAWING 9

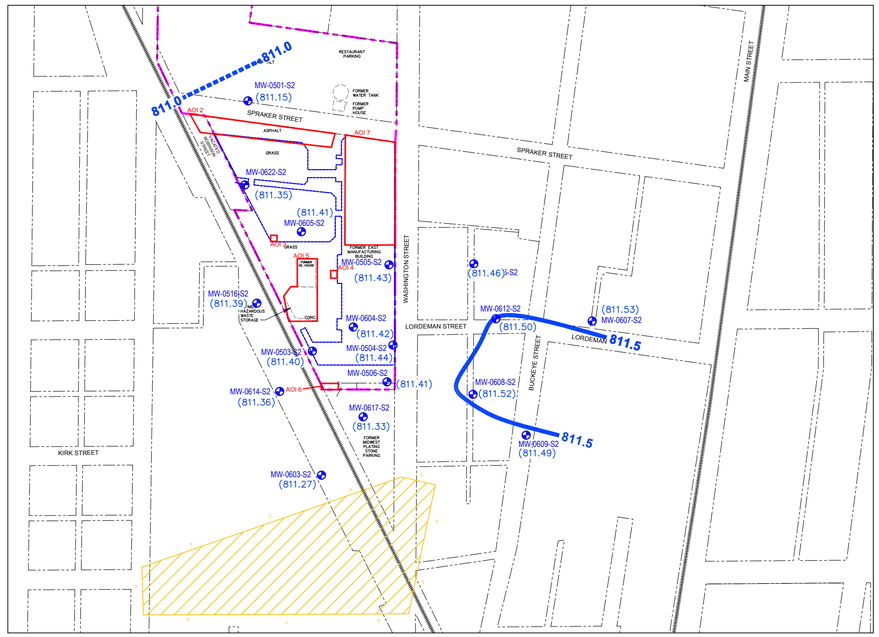
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IMAGES:
PROJECTNAME: ----



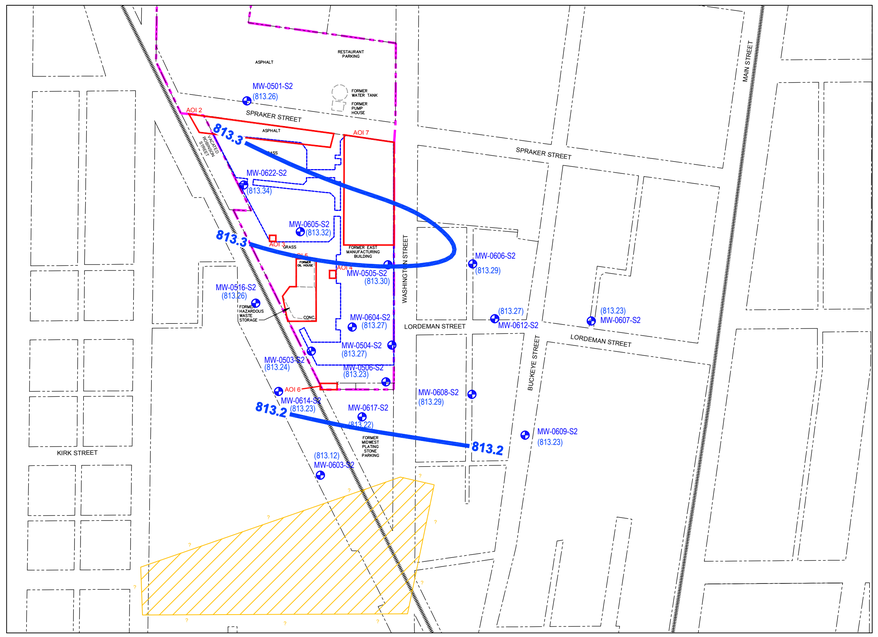
POTENTIOMETRIC SURFACE (MARCH 8, 2007)



POTENTIOMETRIC SURFACE (NOVEMBER 11, 2008)



POTENTIOMETRIC SURFACE (FEBRUARY 17, 2009)



POTENTIOMETRIC SURFACE (JULY 12, 2009)

N

LEGEND

- MW-0603-S2 — MONITORING WELL SCREENED IN UNIT S2
- DENOTES AREA WHERE S2 UNIT IS NOT PRESENT
- (810.94) — GROUNDWATER ELEVATION
- 811.0 — GROUNDWATER CONTOUR (DASHED WHERE INFERRED)

0 200' 400'
GRAPHIC SCALE

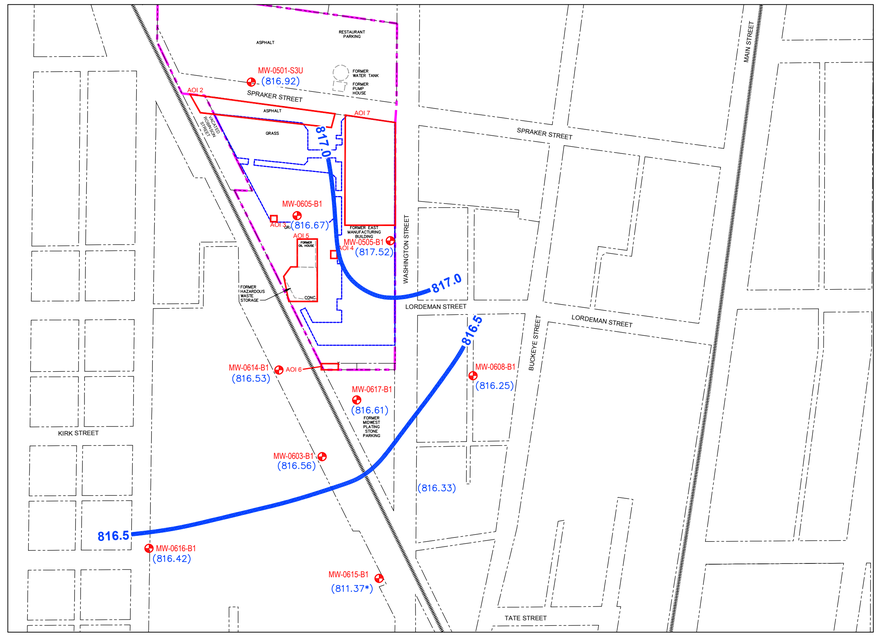
MOTORS LIQUIDATION COMPANY
FORMER GM DELCO PLANT 5
KOKOMO, INDIANA
RCRA FACILITY INVESTIGATION REPORT

UNIT S2 - POTENTIOMETRIC SURFACE MAPS

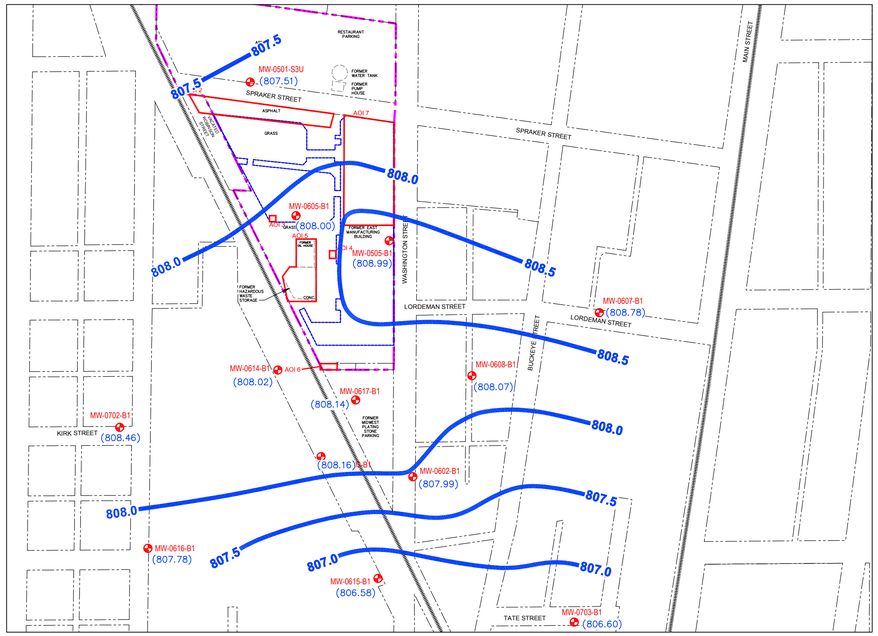
ARCADIS

DRAWING 10

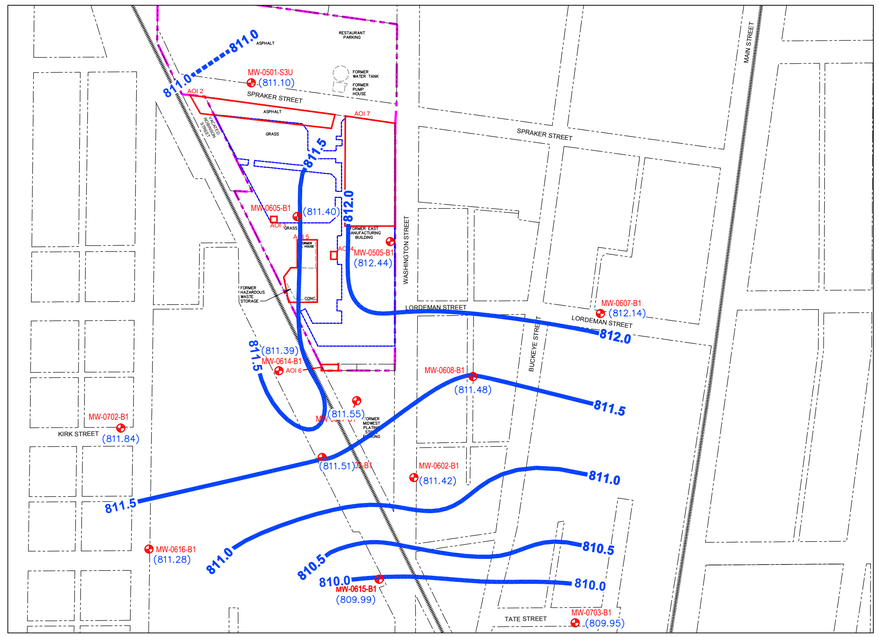
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00743XLD



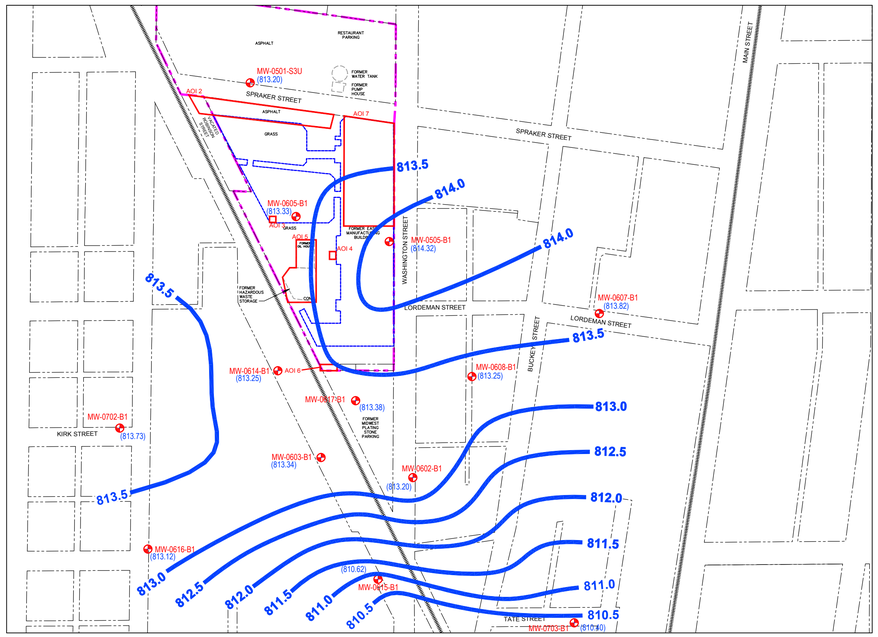
POTENTIOMETRIC SURFACE (MARCH 8, 2007)



POTENTIOMETRIC SURFACE (NOVEMBER 11, 2008)



POTENTIOMETRIC SURFACE (FEBRUARY 17, 2009)



POTENTIOMETRIC SURFACE (JULY 12, 2009)

N

LEGEND

MW-0602-B1 — MONITORING WELL SCREENED IN UNIT B1. UNIT B1 REFERS TO THE UPPER-MOST TRANSMISSIVE ZONE WITHIN THE LIMESTONE BEDROCK UNIT.

(810.94) — GROUNDWATER ELEVATION

811.0 — GROUNDWATER CONTOUR (DASHED WHERE INFERRED)

0 200' 400'
GRAPHIC SCALE

MOTORS LIQUIDATION COMPANY
FORMER GM DELCO PLANT 5
KOKOMO, INDIANA
RCRA FACILITY INVESTIGATION REPORT

UNIT B1 - POTENTIOMETRIC SURFACE MAPS

ARCADIS

DRAWING 11

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XREFS:
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00743XLD
IMAGES:
PROJECTNAME: ----

CITY: SYRACUSE DIV/GROUP: 141 DB: G.STOWELL PM: D.LAY LYR:ON=*;OFF=*REF
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XREFS: 00743XLD 00743X01 IMAGES: PROJECTNAME: ----

SB-5	3/18/1997 mg/kg 16-18(ft BGS) Soil	3/18/1997 mg/kg 18-20(ft BGS) Soil
INORG		
Arsenic	4	3
Cadmium	0.12	0.073
Chromium Total	6.2	7.4
Lead	6.8	5.2
Manganese	250	430
Vanadium	7.1	8.6
VOC		
Benzene	0.01 U	0.01 U
Carbon tetrachloride	0.01 U	0.01 U
Chloroform (Trichloromethane)	0.01 U	0.01 U
1,1-Dichloroethene	0.01 U	0.01 U
cis-1,2-Dichloroethene	0.01 U [tot]	0.01 U [tot]
trans-1,2-Dichloroethene	NS	NS
Tetrachloroethene	0.01 U	0.01 U
1,1,1-Trichloroethane	0.01 U	0.01 U
Trichloroethene	0.01 U	0.01 U
Vinyl chloride	0.01 U	0.01 U
SVOC		
Benzo(a)pyrene	0.33 U	0.33 U
bis(2-Ethylhexyl)phthalate	0.044 J	0.066 J
PCB		
Total PCBs	0.33 U	0.33 U

SB-6	3/18/1997 mg/kg 16-18(ft BGS) Soil	3/18/1997 mg/kg 18-20(ft BGS) Soil
INORG		
Arsenic	4.2	2
Cadmium	0.16	0.058
Chromium Total	7.9	3.8
Lead	6	3.4
Manganese	300	200
Vanadium	13	6.1
VOC		
Benzene	0.01 U	0.01 U
Carbon tetrachloride	0.01 U	0.01 U
Chloroform (Trichloromethane)	0.01 U	0.01 U
1,1-Dichloroethene	0.01 U	0.01 U
cis-1,2-Dichloroethene	0.01 U [tot]	0.01 U [tot]
trans-1,2-Dichloroethene	NS	NS
Tetrachloroethene	0.01 U	0.01 U
1,1,1-Trichloroethane	0.01 U	0.01 U
Trichloroethene	0.01 U	0.01 U
Vinyl chloride	0.01 U	0.01 U
SVOC		
Benzo(a)pyrene	0.33 U	NS
bis(2-Ethylhexyl)phthalate	0.027 J	0.33 U
PCB		
Total PCBs	0.33 U	0.33 U

MW-0501-S2	10/18/2005 mg/l Groundwater	3/21/2006 mg/l Groundwater	6/24/2009 mg/l Groundwater
VOC			
Benzene	0.005 U	0.005 U	0.005 U
Carbon tetrachloride	0.005 U	0.005 U	0.005 U
Chloroform (Trichloromethane)	0.005 U	0.026	0.005 U
1,1-Dichloroethene	0.005 U	0.005 U	0.005 U
cis-1,2-Dichloroethene	0.005 U	0.005 U	0.005 U
trans-1,2-Dichloroethene	0.005 U	0.005 U	0.005 U
Tetrachloroethene	0.005 U	0.005 U	0.005 U
1,1,1-Trichloroethane	0.005 U	0.005 U	0.005 U
Trichloroethene	0.005 U	0.0022 J	0.005 U
Vinyl chloride	0.002 U	0.002 U	0.002 U

SB-1	3/17/1997 mg/kg 6-8(ft BGS) Soil	3/17/1997 mg/kg 8-10(ft BGS) Soil
INORG		
Arsenic	7.6	5.2
Cadmium	0.23	0.37
Chromium Total	19	15
Lead	20	30
Manganese	160	740
Vanadium	26	24

GP-18	5/5/1999 mg/kg 4-8(ft BGS) Soil
VOC	
Benzene	0.005 U
Carbon tetrachloride	0.005 U
Chloroform (Trichloromethane)	0.005 U
1,1-Dichloroethene	0.005 U
cis-1,2-Dichloroethene	0.005 U
trans-1,2-Dichloroethene	0.005 U
Tetrachloroethene	0.005 U
1,1,1-Trichloroethane	0.005 U
Trichloroethene	0.005 U
Vinyl chloride	0.002 U

SB-0505	9/12/2005 mg/kg 0-2(ft BGS) Soil	9/12/2005 mg/kg 2-4(ft BGS) Soil	9/12/2005 mg/kg 8-10(ft BGS) Soil
INORG			
Arsenic	6.38	4.79	14.6
Cadmium	2.31 U	2.43 U	2.24 U
Chromium Total	9.08	13.3	10.5
Lead	238	118	9.6
Manganese	175	322	196
Vanadium	26.3	23.8	20

SB-0502	9/12/2005 mg/kg 0-2(ft BGS) Soil	9/12/2005 mg/kg 4-6(ft BGS) Soil
INORG		
Arsenic	4.88	15.1
Cadmium	2.36 U	2.23 U
Chromium Total	11.9	18.5
Lead	55.1	13.3
Manganese	610	156
Vanadium	22.4	38.4

SB-0501	9/12/2005 mg/kg 0-2(ft BGS) Soil	9/12/2005 mg/kg 2-4(ft BGS) Soil	9/12/2005 mg/kg 7.5-8(ft BGS) Soil	9/12/2005 mg/kg 8-10(ft BGS) Soil
INORG				
Arsenic	6.07	5.11	4.68	5.81
Cadmium	2.19 U	2.38 U	1.96 U	1.95 U
Chromium Total	14.6	11.3	6.12	9.95
Lead	19.4	43.8	120	5.9
Manganese	306	283	456	203
Vanadium	26.6	21.7	13.4	17

SB-0503	9/12/2005 mg/kg 0-2(ft BGS) Soil	9/12/2005 mg/kg 2-4(ft BGS) Soil	9/12/2005 mg/kg 6-8(ft BGS) Soil
INORG			
Arsenic	5.08	3.77/3.05	8.36
Cadmium	2.13 U	2.43 U/2.3 U	2.05 U
Chromium Total	7.71	13.1/15.5	15.2
Lead	63.1	14.5/12.9	7.05
Manganese	243	206/234	383
Vanadium	21.2	22/23.8	22.6

GP-21	5/5/1999 mg/kg 4-8(ft BGS) Soil
VOC	
Benzene	0.005 U
Carbon tetrachloride	0.005 U
Chloroform (Trichloromethane)	0.005 U
1,1-Dichloroethene	0.005 U
cis-1,2-Dichloroethene	0.005 U
trans-1,2-Dichloroethene	0.005 U
Tetrachloroethene	0.005 U
1,1,1-Trichloroethane	0.005 U
Trichloroethene	0.005 U
Vinyl chloride	0.002 U

SB-0504	9/12/2005 mg/kg 0-2(ft BGS) Soil	9/12/2005 mg/kg 2-4(ft BGS) Soil	9/12/2005 mg/kg 6-8(ft BGS) Soil	9/12/2005 mg/kg 8-10(ft BGS) Soil
INORG				
Arsenic	9.75	3.98	9.57	2.29 U
Cadmium	2.05 U	2.46 U	2.35 U	2.29 U
Chromium Total	12.2	17.7	15.7	9.1
Lead	210	12.3	14.1	6.58
Manganese	600	113	313	185
Vanadium	18.7	25.8	30.3	14.2

MW-0501-S1	3/22/2006 mg/l Groundwater	11/7/2006 mg/l Groundwater	6/25/2009 mg/l Groundwater	6/25/2009 mg/l (PDB) Groundwater
VOC				
Benzene	0.005 U	0.005 U	0.005 U	0.005 U
Carbon tetrachloride	0.005 U	0.005 U	0.005 U	0.005 U
Chloroform (Trichloromethane)	0.005 U	0.005 U	0.005 U	0.005 U
1,1-Dichloroethene	0.005 U	0.005 U	0.005 U	0.005 U
cis-1,2-Dichloroethene	0.0044 J	0.005 U	0.005 U	0.005 U
trans-1,2-Dichloroethene	0.005 U	0.005 U	0.005 U	0.005 U
Tetrachloroethene	0.005 U	0.005 U	0.005 U	0.005 U
1,1,1-Trichloroethane	0.005 U	0.005 U	0.005 U	0.005 U
Trichloroethene	0.005 U	0.005 U	0.005 U	0.005 U
Vinyl chloride	0.002 U	0.002 U	0.002 U	0.002 U

MW-0501-S3U	10/20/2005 mg/l Groundwater	3/21/2006 mg/l Groundwater	6/24/2009 mg/l Groundwater
VOC			
Benzene	0.005 U	0.005 U	0.005 U
Carbon tetrachloride	0.005 U	0.005 U	0.005 U
Chloroform (Trichloromethane)	0.0059	0.073	0.005 U
1,1-Dichloroethene	0.005 U	0.005 U	0.005 U
cis-1,2-Dichloroethene	0.005 U	0.005 U	0.005 U
trans-1,2-Dichloroethene	0.005 U	0.005 U	0.005 U
Tetrachloroethene	0.005 U	0.005 U	0.005 U
1,1,1-Trichloroethane	0.005 U	0.005 U	0.005 U
Trichloroethene	0.005 U	0.005 U	0.005 U
Vinyl chloride	0.002 U	0.002 U	0.002 U

SB-4	3/17/1997 mg/kg 6-8(ft BGS) Soil	3/17/1997 mg/kg 8-10(ft BGS) Soil
INORG		
Arsenic	3.2	4.2
Cadmium	0.12	0.18
Chromium Total	21	9.6
Lead	9.1	6.3
Manganese	260	510
Vanadium	29	14

GP-19	5/5/1999 mg/kg 4-8(ft BGS) Soil
VOC	
Benzene	0.005 U
Carbon tetrachloride	0.005 U
Chloroform (Trichloromethane)	0.005 U
1,1-Dichloroethene	0.005 U
cis-1,2-Dichloroethene	0.005 U
trans-1,2-Dichloroethene	0.005 U
Tetrachloroethene	0.005 U
1,1,1-Trichloroethane	0.005 U
Trichloroethene	0.0077
Vinyl chloride	0.002 U

MW-0501-P1	9/12/2005 mg/kg 0-1(ft BGS) Soil	9/12/2005 mg/kg 2-4(ft BGS) Soil	9/12/2005 mg/kg 8.5-9(ft BGS) Soil	10/18/2005 mg/l Groundwater	3/22/2006 mg/l Groundwater
INORG					
Arsenic	2 U	2.63	11	NS	NS
Arsenic (Dissolved)	NS	NS	NS	NS	NS
Cadmium	2 U	2.38 U	2.36 U	NS	NS
Cadmium (Dissolved)	NS	NS	NS	NS	NS
Chromium Total	5.65	15.5	13.6	NS	NS
Chromium Total (Dissolved)	NS	NS	NS	NS	NS
Lead	22.7	45.2	14.3	NS	NS
Lead (Dissolved)	NS	NS	NS	NS	NS
Manganese	193	638	481	NS	NS
Manganese (Dissolved)	NS	NS	NS	NS	NS
Vanadium	15.7	22	23.6	NS	NS
Vanadium (Dissolved)	NS	NS	NS	NS	NS
VOC					
Benzene	NS	NS	NS	0.005 U	0.005 U
Carbon tetrachloride	NS	NS	NS	0.005 U	0.005 U
Chloroform (Trichloromethane)	NS	NS	NS	0.005 U	0.005 U
1,1-Dichloroethene	NS	NS	NS	0.005 U	0.005 U
cis-1,2-Dichloroethene	NS	NS	NS	0.005	0.02
trans-1,2-Dichloroethene	NS	NS	NS	0.005 U	0.005 U
Tetrachloroethene	NS	NS	NS	0.005 U	0.005 U
1,1,1-Trichloroethane	NS	NS	NS	0.005 U	0.005 U
Trichloroethene	NS	NS	NS	0.005 U	0.0013 J
Vinyl chloride	NS	NS	NS	0.002 U	0.0068

SB-2	3/17/1997 mg/kg 6-8(ft BGS) Soil	3/17/1997 mg/kg 8-10(ft BGS) Soil
INORG		
Arsenic	2.4	7.2
Cadmium	0.64	0.35
Chromium Total	21	21
Lead	17	15
Manganese	300	350
Vanadium	27	67

SB-3	3/17/1997 mg/kg 8-10(ft BGS) Soil
INORG	
Arsenic	4.9
Cadmium	0.21
Chromium Total	6.8
Lead	6
Manganese	270
Vanadium	11

MW-0103-S1U	6/22/2001 mg/l Groundwater	11/15/2004 mg/l Groundwater	3/22/2006 mg/l Groundwater	6/24/2009 mg/l Groundwater
INORG				
Arsenic	NS	0.00774	NS	NS
Arsenic (Dissolved)	NS	0.00524	NS	NS
Cadmium	NS	0.005 U	NS	NS
Cadmium (Dissolved)	NS	0.005 U	NS	NS
Chromium Total	NS	0.0064 J	NS	NS
Chromium Total (Dissolved)	NS	0.01 U	NS	NS
Lead	NS	0.005 U	NS	NS
Lead (Dissolved)	NS	0.005 U	NS	NS
Manganese	NS	0.312	NS	NS
Manganese (Dissolved)	NS	0.162	NS	NS
Vanadium	NS	0.00852 J	NS	NS
Vanadium (Dissolved)	NS	0.05 U	NS	NS
VOC				
Benzene	NS	0.005 U	0.005 U	0.005 U
Carbon tetrachloride	0.005 U	0.005 U	0.005 U	0.005 U
Chloroform (Trichloromethane)	0.02 U	0.005 U	0.005 U	0.005 U
1,1-Dichloroethene	0.017	0.005 U	0.005 U	0.005 U
cis-1,2-Dichloroethene	0.071	0.11	0.15	0.264
trans-1,2-Dichloroethene	0.018	0.025	0.037	0.0348
Tetrachloroethene	0.005 U	0.005 U	0.005 U	0.005 U
1,1,1-Trichloroethane	0.005 U	0.005 U	0.005 U	0.005 U
Trichloroethene	0.012	0.005 U	0.013	0.005 U
Vinyl chloride	0.0022	0.002 U	0.002 U	0.0039
SVOC				
Benzo(a)pyrene	NS	0.00011 UJ	NS	NS
bis(2-Ethylhexyl)phthalate	NS	0.0053 U	NS	NS

NOTE:

1. REFER TO LEGEND SHEET FOR MAP SYMBOLS.

0 100' 200'
GRAPHIC SCALE

MOTORS LIQUIDATION COMPANY
FORMER GM DELCO PLANT 5
KOKOMO, INDIANA
RCRA FACILITY INVESTIGATION REPORT

ANALYTICAL RESULTS BACKGROUND, AOI 2 AND UP-GRADIENT

ARCADIS

DRAWING 12

CITY:(Reqd) DIV/GROUP:(Reqd) DB:(Reqd) LD:(Opt) PIC:(Opt) PM:(Reqd) TM:(Opt) LYR:(Opt)ON=*;OFF=*REF*
G:\ENVCAD\SYRACUSE\ACTIN\00074300002\000003\DWG\00743C02.dwg LAYOUT: 13 SAVED: 9/29/2009 10:26 AM ACADVER: 17.0S (LMS TECH) PAGESETUP: C-LD-NY4P72 HP DESIGNJET T1100 DJ3 PLOTSTYLETABLE: PLTFULL.CTB PLOTTED: 10/1/2009 9:55 AM BY: STOWELL, GARY
XREFS:
00743XLD
00743X01
IMAGES:
PROJECTNAME: ----

MW-0623-S1	11/12/2008 mg/l
	Ground Water
INORG	
Arsenic	0.005 U/0.005 U
Cadmium	0.005 U/0.005 U
Chromium Total	0.01 U/0.01 U
Lead	0.01 U/0.01 U
Manganese	0.282/0.282
Vanadium	0.05 U/0.05 U

MW-0622-S1	11/14/2008 mg/l
	Ground Water
INORG	
Arsenic	0.005 U
Cadmium	0.005 U
Chromium Total	0.01 U
Lead	0.01 U
Manganese	0.248
Vanadium	0.05 U

MW-0619-S1	11/14/2008 mg/l
	Ground Water
INORG	
Arsenic	0.0066/0.0068
Cadmium	0.005 U/0.005 U
Chromium Total	0.01 U/0.01 U
Lead	0.01 U/0.01 U
Manganese	0.261/0.251
Vanadium	0.05 U/0.05 U

MW-0620-S1	11/14/2008 mg/l
	Ground Water
INORG	
Arsenic	0.005 U
Cadmium	0.005 U
Chromium Total	0.01 U
Lead	0.01 U
Manganese	0.49
Vanadium	0.05 U

MW-0622-S2	11/13/2008 mg/l
	Ground Water
INORG	
Arsenic	0.005 U
Cadmium	0.0058
Chromium Total	0.01 U
Lead	0.01 U
Manganese	0.0878
Vanadium	0.05 U

MW-0621-S1	11/14/2008 mg/l
	Ground Water
INORG	
Arsenic	0.005 U
Cadmium	0.005 U
Chromium Total	0.01 U
Lead	0.01 U
Manganese	0.233
Vanadium	0.05 U

SB-7	3/18/1997 mg/kg 14-16(ft BGS) Soil
INORG	
Arsenic	7.3
Cadmium	0.18
Chromium Total	7.8
Lead	5.3
Manganese	550
Vanadium	11

SB-0622	1/31/2006 mg/kg 0-2(ft BGS) Soil
INORG	
Lead	405

SB-0623	1/31/2006 mg/kg 0-2(ft BGS) Soil
INORG	
Lead	19

SB-0506	9/12/2005 mg/kg 0-2(ft BGS) Soil	9/12/2005 mg/kg 2-4(ft BGS) Soil	9/12/2005 mg/kg 6-8(ft BGS) Soil
INORG			
Arsenic	9.76	7.63	12.6
Cadmium	2.37 U	2.46 U	2.25 U
Chromium Total	14.9	15.9	11.4
Lead	1150	12.4	6.51
Manganese	161	221	354
Vanadium	36	26.5	20.1

SB-0624	1/31/2006 mg/kg 0-2(ft BGS) Soil
INORG	
Lead	171/121

SB-8	3/18/1997 mg/kg 10-12(ft BGS) Soil	3/18/1997 mg/kg 16-18(ft BGS) Soil
INORG		
Arsenic	4	2.5
Cadmium	0.17	0.095
Chromium Total	8.9	4.1
Lead	5.8	4.3
Manganese	220	320
Vanadium	14	6.8

NOTE:

1. REFER TO LEGEND SHEET FOR MAP SYMBOLS.

0 100' 200'
GRAPHIC SCALE

MOTORS LIQUIDATION COMPANY
FORMER GM DELCO PLANT 5
KOKOMO, INDIANA

RCRA FACILITY INVESTIGATION REPORT

INORGANIC ANALYTICAL RESULTS AOI 3

ARCADIS

DRAWING 13

CITY:(Reqd) DIV/GROUP:(Reqd) DB:(Reqd) LD:(Opt) PIC:(Opt) PM:(Reqd) TM:(Opt) LYR:(Opt)ON=*;OFF=*REF* ACADVER: 17.0S (LMS TECH) PAGESETUP: C-LD-NY4P72 HP DESIGNJET T1100 DJ3 PLOTSTYLETABLE: PLTFULL.CTB PLOTTED: 10/1/2009 9:55 AM BY: STOWELL, GARY
G:\ENVCAD\SYRACUSE\ACTIN\00074\30002\00003\DWG\00743C03.dwg LAYOUT: 14 SAVED: 9/29/2009 10:29 AM
XREFS: 00743XLD 00743X01
IMAGES:
PROJECTNAME:

MW-0622-S1	11/21/2006 mg/l	11/14/2008 mg/l
	Ground Water	Ground Water
VOC		
Benzene	0.005 U	0.005 U
Carbon tetrachloride	0.005 U	0.005 U
Chloroform (Trichloromethane)	0.005 U	0.005 U
1,1-Dichloroethene	0.0039 J	0.005 U
cis-1,2-Dichloroethene	1.52	0.246
trans-1,2-Dichloroethene	0.018	0.0079
Tetrachloroethene	0.005 U	0.005 U
1,1,1-Trichloroethane	0.005 U	0.005 U
Trichloroethene	8	2.51
Vinyl chloride	0.0021	0.002 U

GP-15	5/5/1999 mg/kg 8-12(ft BGS) Soil
VOC	
Benzene	0.005 U
Carbon tetrachloride	0.005 U
Chloroform (Trichloromethane)	0.005 U
1,1-Dichloroethene	0.005 U
cis-1,2-Dichloroethene	0.005 U
trans-1,2-Dichloroethene	0.005 U
Tetrachloroethene	0.005 U
1,1,1-Trichloroethane	0.005 U
Trichloroethene	0.005 U
Vinyl chloride	0.002 U

SB-7	3/18/1997 mg/kg 14-16(ft BGS) Soil	3/18/1997 mg/kg 18-20(ft BGS) Soil
VOC		
Benzene	0.01 U	0.01 U
Carbon tetrachloride	0.01 U	0.01 U
Chloroform (Trichloromethane)	0.01 U	0.01 U
1,1-Dichloroethene	0.01 U	0.01 U
cis-1,2-Dichloroethene	0.01 U [tot]	0.01 U [tot]
Tetrachloroethene	0.01 U	0.01 U
1,1,1-Trichloroethane	0.01 U	0.01 U
Trichloroethene	0.004 J	0.008 J
Vinyl chloride	0.01 U	0.01 U
SVOC		
Benzo(a)pyrene	0.33 U	0.33 U
bis(2-Ethylhexyl)phthalate	0.05 J	0.056 J
PCB		
Total PCBs	0.33 U	0.33 U

MW-0620-S1	11/21/2006 mg/l	11/14/2008 mg/l
	Ground Water	Ground Water
VOC		
Benzene	0.005 U	0.005 U
Carbon tetrachloride	0.005 U	0.005 U
Chloroform (Trichloromethane)	0.005 U	0.005 U
1,1-Dichloroethene	0.005 U	0.005 U
cis-1,2-Dichloroethene	0.11	0.075
trans-1,2-Dichloroethene	0.011	0.0104
Tetrachloroethene	0.005 U	0.005 U
1,1,1-Trichloroethane	0.005 U	0.005 U
Trichloroethene	5.9	5.94
Vinyl chloride	0.002 U	0.002 U

SB-0637	11/13/2006 mg/kg 0-2(ft BGS) Soil	11/13/2006 mg/kg 8-10(ft BGS) Soil
VOC		
Benzene	0.0049 U	0.0044 U
Carbon tetrachloride	0.0049 U	0.0044 U
Chloroform (Trichloromethane)	0.0049 U	0.013
1,1-Dichloroethene	0.0049 U	0.0044 U
cis-1,2-Dichloroethene	0.0049 U	0.0068
trans-1,2-Dichloroethene	0.0049 U	0.0044 U
Tetrachloroethene	0.0049 U	0.0044 U
1,1,1-Trichloroethane	0.0049 U	0.0026 J
Trichloroethene	0.26	92
Vinyl chloride	0.002 U	0.0018 U

SB-0624	1/31/2006 mg/kg 0-2(ft BGS) Soil	1/31/2006 mg/kg 8-10(ft BGS) Soil	1/31/2006 mg/kg 12-14(ft BGS) Soil
VOC			
Benzene	0.0063 UJ	0.0039 U	0.0039 U
Carbon tetrachloride	0.0063 UJ	0.02	0.0045
Chloroform (Trichloromethane)	0.0015 J	0.0068	0.0077
1,1-Dichloroethene	0.0063 UJ	0.0039 U	0.0039 U
cis-1,2-Dichloroethene	0.0063 UJ	0.0023 J	0.0019 J
trans-1,2-Dichloroethene	0.0063 UJ	0.0039 U	0.0039 U
Tetrachloroethene	0.0063 UJ	0.0039 U	0.0014 J
1,1,1-Trichloroethane	0.0063 UJ	0.03	0.02
Trichloroethene	0.025 J	3.2	1.6
Vinyl chloride	0.0025 UJ	0.0015 U	0.0016 U

SB-0625	2/1/2006 mg/kg 0-2(ft BGS) Soil	2/1/2006 mg/kg 8-10(ft BGS) Soil	2/1/2006 mg/kg 12-14(ft BGS) Soil
VOC			
Benzene	0.0044 U	0.0037 U	0.0032 U
Carbon tetrachloride	0.0044 U	0.05	0.0032 U
Chloroform (Trichloromethane)	0.0044 U	0.043	0.0032 U
1,1-Dichloroethene	0.0044 U	0.0064	0.0032 U
cis-1,2-Dichloroethene	0.0044 U	0.01	4.7
trans-1,2-Dichloroethene	0.0044 U	0.0037 U	0.063
Tetrachloroethene	0.0044 U	0.0037 U	0.0032 UJ
1,1,1-Trichloroethane	0.0044 U	2.7	0.0032 U
Trichloroethene	0.063	5.1	0.0032 U
Vinyl chloride	0.0017 U	0.0015 U	0.0017

MW-0623-S1	3/7/2007 mg/l	11/12/2008 mg/l	12/29/2008 mg/l
	Ground Water	Ground Water	Ground Water
VOC			
Benzene	0.005 U	0.005 U/0.005 U	0.005 U
Carbon tetrachloride	0.005 U	0.005 U/0.005 U	0.005 U
Chloroform (Trichloromethane)	0.005 U	0.005 U/0.005 U	0.005 U
1,1-Dichloroethene	0.005 U	0.005 U/0.005 U	0.005 U
cis-1,2-Dichloroethene	0.005 U	0.005 U/0.005 U	0.005 U
trans-1,2-Dichloroethene	0.005 U	0.005 U/0.005 U	0.005 U
Tetrachloroethene	0.005 U	0.005 U/0.005 U	0.005 U
1,1,1-Trichloroethane	0.005 U	0.005 U/0.005 U	0.005 U
Trichloroethene	0.005 U	0.005 U/0.0203 J	0.005 U
Vinyl chloride	0.002 U	0.002 U/0.002 U	0.002 U

MW-0622-S2	11/8/2006 mg/kg 0-2(ft BGS) Soil	11/8/2006 mg/kg 8-8(ft BGS) Soil	11/9/2006 mg/kg 0-2(ft BGS) Soil	11/21/2006 mg/l Ground Water	11/13/2006 mg/l Ground Water
VOC					
Benzene	0.0044 U	0.0048 U	0.0044 U	0.005 U	0.005 U
Carbon tetrachloride	0.0044 U	0.0048 U	0.0044 U	0.005 U	0.005 U
Chloroform (Trichloromethane)	0.0044 U	0.0048 U	0.0044 U	0.0031 J	0.005 U
1,1-Dichloroethene	0.0044 U	0.0048 U	0.0044 U	0.005 U	0.005 U
cis-1,2-Dichloroethene	0.0044 U	0.0048 U	0.0044 U	0.0017 J	0.005 U
trans-1,2-Dichloroethene	0.0044 U	0.0048 U	0.0044 U	0.005 U	0.005 U
Tetrachloroethene	0.0044 U	0.0048 U	0.0044 U	0.005 U	0.005 U
1,1,1-Trichloroethane	0.0044 U	0.0048 U	0.0044 U	0.005 U	0.005 U
Trichloroethene	0.0044 U	0.028	0.0044 U	0.005 U	0.005 U
Vinyl chloride	0.0018 U	0.0019 U	0.0018 U	0.002 U	0.002 U

SB-0635	10/9/2006 mg/kg 0-2(ft BGS) Soil	10/9/2006 mg/kg 8-10(ft BGS) Soil
VOC		
Benzene	0.0042 U	0.0045 U
Carbon tetrachloride	0.0042 U	0.0045 U
Chloroform (Trichloromethane)	0.0042 U	0.0045 U
1,1-Dichloroethene	0.0042 U	0.0045 U
cis-1,2-Dichloroethene	0.0072	0.034
trans-1,2-Dichloroethene	0.0042 U	0.0045 U
Tetrachloroethene	0.0042 UJ	0.0045 U
1,1,1-Trichloroethane	0.0042 U	0.0045 U
Trichloroethene	11	120
Vinyl chloride	0.0017 U	0.0018 U

MW-0619-S1	11/9/2006 mg/kg 0-2(ft BGS) Soil	11/9/2006 mg/kg 8-8(ft BGS) Soil	11/20/2006 mg/l Ground Water	11/14/2008 mg/l Ground Water
VOC				
Benzene	0.0046 U	0.0039 U	0.005 U	0.005 U/0.005 U
Carbon tetrachloride	0.0046 U	0.0039 U	0.005 U	0.005 U/0.005 U
Chloroform (Trichloromethane)	0.0046 U	0.0039 U	0.005 U	0.005 U/0.005 U
1,1-Dichloroethene	0.0046 U	0.0039 U	0.0018 J	0.005 U/0.005 U
cis-1,2-Dichloroethene	0.0046 U	0.0039 U	0.39	0.347/0.345
trans-1,2-Dichloroethene	0.0046 U	0.0039 U	0.026	0.0318/0.0338
Tetrachloroethene	0.0046 U	0.0039 U	0.005 U	0.005 U/0.005 U
1,1,1-Trichloroethane	0.0046 U	0.0039 U	0.005 U	0.005 U/0.005 U
Trichloroethene	0.0046 U	0.17	1.8	3.14/3.2
Vinyl chloride	0.0018 U	0.0016 U	0.0018 J	0.005/0.0048

SB-0641	11/13/2006 mg/kg 0-2(ft BGS) Soil	11/13/2006 mg/kg 8-10(ft BGS) Soil
VOC		
Benzene	0.0041 U	0.004 U
Carbon tetrachloride	0.0041 U	0.004 U
Chloroform (Trichloromethane)	0.0041 U	0.004 U
1,1-Dichloroethene	0.0041 U	0.004 U
cis-1,2-Dichloroethene	0.0041 U	0.18
trans-1,2-Dichloroethene	0.0041 U	0.004 U
Tetrachloroethene	0.0041 U	0.004 U
1,1,1-Trichloroethane	0.0041 U	0.004 U
Trichloroethene	0.011	94
Vinyl chloride	0.0016 U	0.0016 U

SB-0638	11/13/2006 mg/kg 0-2(ft BGS) Soil	11/13/2006 mg/kg 8-10(ft BGS) Soil
VOC		
Benzene	0.0045 U	0.0051 U
Carbon tetrachloride	0.0045 U	0.0051 U
Chloroform (Trichloromethane)	0.0045 U	0.014
1,1-Dichloroethene	0.0045 U	0.0051 U
cis-1,2-Dichloroethene	0.0045 U	0.03
trans-1,2-Dichloroethene	0.0045 U	0.0051 U
Tetrachloroethene	0.0045 U	0.0051 U
1,1,1-Trichloroethane	0.0045 U	0.0051 U
Trichloroethene	0.26	92
Vinyl chloride	0.0018 U	0.002 U

SB-0640	11/13/2006 mg/kg 0-2(ft BGS) Soil	11/13/2006 mg/kg 8-10(ft BGS) Soil
VOC		
Benzene	0.0042 U	0.11 U
Carbon tetrachloride	0.0042 U	0.11 U
Chloroform (Trichloromethane)	0.0042 U	0.11 U
1,1-Dichloroethene	0.0042 U	0.11 U
cis-1,2-Dichloroethene	0.0042 U	0.75
trans-1,2-Dichloroethene	0.0042 U	0.11 U
Tetrachloroethene	0.0042 U	0.11 U
1,1,1-Trichloroethane	0.0042 U	0.11 U
Trichloroethene	0.014	48
Vinyl chloride	0.0017 U	0.044 U

SB-0634	10/9/2006 mg/kg 0-2(ft BGS) Soil	10/9/2006 mg/kg 8-10(ft BGS) Soil	10/9/2006 mg/kg 18-20(ft BGS) Soil
VOC			
Benzene	0.006 J	0.0039 U	0.0041 U/0.0041 U
Carbon tetrachloride	0.0061 UJ	0.0039 U	0.0041 U/0.0041 U
Chloroform (Trichloromethane)	0.0061 UJ	0.0039 U	0.0041 U/0.0041 U
1,1-Dichloroethene	0.0061 UJ	0.39 J	0.0041 U/0.0041 U
cis-1,2-Dichloroethene	0.14 J	140	0.0019 J/0.0041 U
trans-1,2-Dichloroethene	0.0061 UJ	0.87	0.0041 U/0.0041 U
Tetrachloroethene	0.0061 UJ	0.0034 J	0.0041 U/0.0041 U
1,1,1-Trichloroethane	0.0061 UJ	0.0039 U	0.0041 U/0.0041 U
Trichloroethene	0.014 J	130	0.011 J/0.0041 U
Vinyl chloride	0.0024 UJ	7.5	0.0024/0.0013 J

GP-16	5/5/1999 mg/kg 8-12(ft BGS) Soil
VOC	
Benzene	0.005 U
Carbon tetrachloride	0.005 U
Chloroform (Trichloromethane)	0.005
1,1-Dichloroethene	0.005 U
cis-1,2-Dichloroethene	0.005 U
trans-1,2-Dichloroethene	0.005 U
Tetrachloroethene	0.005 U
1,1,1-Trichloroethane	0.005 U
Trichloroethene	0.013
Vinyl chloride	0.002 U

SB-0642	11/13/2006 mg/kg 0-2(ft BGS) Soil	11/13/2006 mg/kg 8-10(ft BGS) Soil
VOC		
Benzene	0.0043 U	0.0041 U
Carbon tetrachloride	0.0043 U	0.0041 U
Chloroform (Trichloromethane)	0.0043 U	0.039
1,1-Dichloroethene	0.0043 U	0.0041 U
cis-1,2-Dichloroethene	0.0043 U	0.024
trans-1,2-Dichloroethene	0.0043 U	0.0041 U
Tetrachloroethene	0.0043 U	0.0041 U
1,1,1-Trichloroethane	0.0043 U	0.0041 U
Trichloroethene	0.23	19
Vinyl chloride	0.0017 U	0.0016 U

MW-0621-S1	11/20/2006 mg/l	11/14/2008 mg/l
	Ground Water	Ground Water
VOC		
Benzene	0.005 U/0.005 U	0.005 U
Carbon tetrachloride	0.005 U/0.005 U	0.005 U
Chloroform (Trichloromethane)	0.005 U/0.005 U	0.005 U
1,1-Dichloroethene	0.005 U/0.005 U	0.005 U
cis-1,2-Dichloroethene	0.082/0.08	0.119
trans-1,2-Dichloroethene	0.02/0.019	0.0194
Tetrachloroethene	0.005 U/0.005 U	0.005 U
1,1,1-Trichloroethane	0.005 U/0.005 U	0.005 U
Trichloroethene	3.5 J/3.4	3.11
Vinyl chloride	0.002 U/0.002 U	0.002 U

SB-0626	2/1/2006 mg/kg 0-2(ft BGS) Soil	2/1/2006 mg/kg 8-10(ft BGS) Soil	2/1/2006 mg/kg 12-14(ft BGS) Soil
VOC			
Benzene	0.0052 UJ	0.0034 U	0.0038 U
Carbon tetrachloride	0.0052 UJ	0.17	0.0038 U
Chloroform (Trichloromethane)	0.017 J	0.064	0.0038 U
1,1-Dichloroethene	0.0052 UJ	0.0034 U	0.0038 U
cis-1,2-Dichloroethene	0.0052 UJ	0.0034 U	0.099
trans-1,2-Dichloroethene	0.0052 UJ	0.0034 U	0.0084
Tetrachloroethene	0.0052 U	0.0034 U	0.0038 U
1,1,1-Trichloroethane	0.012 J	0.12	0.0038 U
Trichloroethene	0.015 J	0.069	0.0038 U
Vinyl chloride	0.0021 UJ	0.0014 U	0.0015 U

MW-0605-B1	3/22/2006 mg/l	11/9/2006 mg/l
	Ground Water	Ground Water
VOC		
Benzene	0.005 U	0.005 U
Carbon tetrachloride	0.005 U	0.005 UJ
Chloroform (Trichloromethane)	0.011	0.005 U
1,1-Dichloroethene	0.005 U	0.005 U
cis-1,2-Dichloroethene	0.005 U	0.005 U
trans-1,2-Dichloroethene	0.005 U	0.005 U
Tetrachloroethene	0.005 U	0.005 U
1,1,1-Trichloroethane	0.005 U	0.005 U
Trichloroethene	0.005 U	0.005 U
Vinyl chloride	0.002 U	0.002 U

MW-0605-S2	3/22/2006 mg/l	11/9/2006 mg/l
	Ground Water	Ground Water
VOC		
Benzene	0.005 U/0.005 U	0.005 U
Carbon tetrachloride	0.005 U/0.005 U	0.005 U
Chloroform (Trichloromethane)	0.005 U/0.005 U	0.005 U
1,1-Dichloroethene	0.005 U/0.005 U	0.005 U
cis-1,2-Dichloroethene	0.05/0.049	8.1
trans-1,2-Dichloroethene	0.0074/0.0071	0.0078
Tetrachloroethene	0.005 UJ/0.005 U	0.005 U
1,1,1-Trichloroethane	0.005 U/0.005 U	0.005 U
Trichloroethene	0.027/0.021	0.005 U
Vinyl chloride	0.002 U/0.002 U	0.002 U

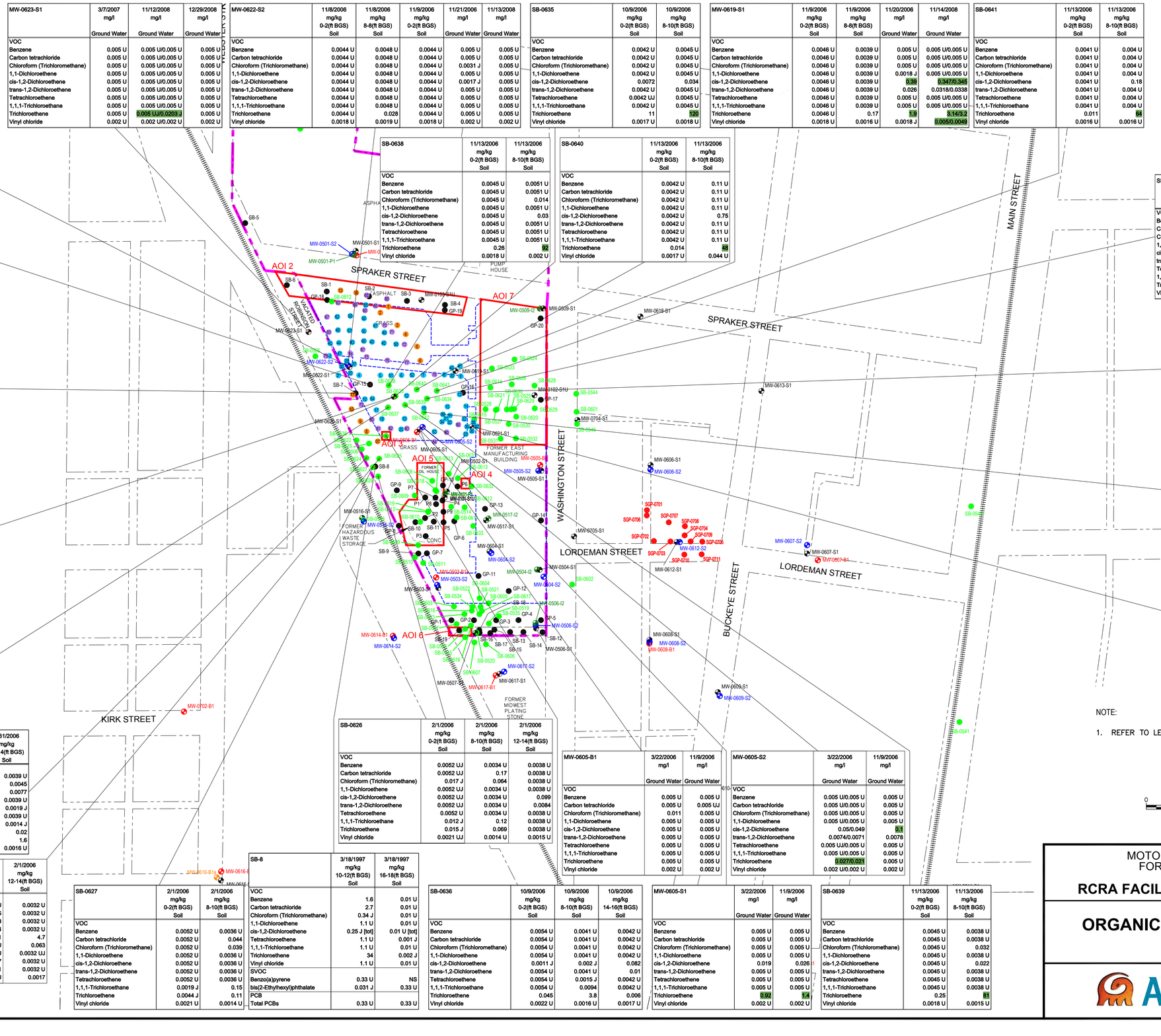
SB-8	3/18/1997 mg/kg 10-12(ft BGS) Soil	3/18/1997 mg/kg 16-18(ft BGS) Soil
VOC		
Benzene	1.6	0.01 U
Carbon tetrachloride	2.7	0.01 U
Chloroform (Trichloromethane)	0.34 J	0.01 U
1,1-Dichloroethene	1.1 U	0.01 U
cis-1,2-Dichloroethene	0.25 J [tot]	0.01 U [tot]
Tetrachloroethene	1.1 U	0.001 J
1,1,1-Trichloroethane	1.1 U	0.01 U
Trichloroethene	34	0.002 J
Vinyl chloride	1.1 U	0.01 U
SVOC		
Benzo(a)pyrene	0.33 U	NS
bis(2-Ethylhexyl)phthalate	0.031 J	0.33 U
PCB		
Total PCBs	0.33 U	0.33 U

SB-0627	2/1/2006 mg/kg 0-2(ft BGS) Soil	2/1/2006 mg/kg 8-10(ft BGS) Soil
VOC		
Benzene	0.0052 U	0.0036 U
Carbon tetrachloride	0.0052 U	0.044
Chloroform (Trichloromethane)	0.0052 U	0.039
1,1-Dichloroethene	0.0052 U	0.0036 U
cis-1,2-Dichloroethene	0.0052 U	0.0036 U
trans-1,2-Dichloroethene	0.0052 U	0.0036 U
Tetrachloroethene	0.0052 U	0.0036 U
1,1,1-Trichloroethane	0.0019 J	0.15
Trichloroethene	0.0044 J	0.11
Vinyl chloride	0.0021 U	0.0014 U

SB-0636	10/9/2006 mg/kg 0-2(ft BGS) Soil	10/9/2006 mg/kg 8-10(ft BGS) Soil	10/9/2006 mg/kg 14-16(ft BGS) Soil
VOC			
Benzene	0.0054 U	0.0041 U	0.0042 U
Carbon tetrachloride	0.0054 U	0.0041 U	0.0042 U
Chloroform (Trichloromethane)	0.0054 U	0.0041 U	0.0042 U
1,1-Dichloroethene	0.0054 U	0.0041 U	0.0042 U
cis-1,2-Dichloroethene	0.0011 J	0.002 J	0.082
trans-1,2-Dichloroethene	0.0054 U	0.0041 U	0.01
Tetrachloroethene	0.0054 U	0.0015 J	0.0042 U
1,1,1-Trichloroethane	0.0054 U	0.0094	0.0042 U
Trichloroethene	0.045	3.8	0.006
Vinyl chloride	0.0022 U	0.0016 U	0.0017 U

MW-0605-S1	3/22/2006 mg/l	11/9/2006 mg/l
	Ground Water	Ground Water
VOC		
Benzene	0.005 U	0.005 U
Carbon tetrachloride	0.005 U	0.005 U
Chloroform (Trichloromethane)	0.005 U	0.005 U
1,1-Dichloroethene	0.005 U	0.005 U
cis-1,2-Dichloroethene	0.019	0.026
trans-1,2-Dichloroethene	0.005 U	0.005 U
Tetrachloroethene	0.005 U	0.005 U
1,1,1-Trichloroethane	0.005 U	0.005 U
Trichloroethene	1.9 J	1.4
Vinyl chloride	0.002 U	0.002 U

SB-0639	11/13/2006 mg/kg 0-2(ft BGS) Soil	11/13/2006 mg/kg 8-10(ft BGS) Soil
VOC		
Benzene	0.0045 U	0.0038 U
Carbon tetrachloride	0.0045 U	0.0038 U
Chloroform (Trichloromethane)	0.0045 U	0.032
1,1-Dichloroethene	0.0045 U	0.0038 U
cis-1,2-Dichloroethene	0.0045 U	0.022
trans-1,2-Dichloroethene	0.0045 U	0.0038 U
Tetrachloroethene	0.0045 U	0.0038 U
1,1,1-Trichloroethane	0.0045 U	0.0038 U
Trichloroethene	0.25	81
Vinyl chloride	0.0018 U	0.0015 U



NOTE:

1. REFER TO LEGEND SHEET FOR MAP SYMBOLS.

0 100' 200'
GRAPHIC SCALE

MOTORS LIQUIDATION COMPANY
FORMER GM DELCO PLANT 5
KOKOMO, INDIANA
RCRA FACILITY INVESTIGATION REPORT

ORGANIC ANALYTICAL RESULTS AOI 3

ARCADIS

DRAWING 14

SB-11	3/18/1997 mg/kg 4-6(ft BGS) Soil
INORG	
Arsenic	9
Cadmium	0.2
Chromium Total	7.2
Lead	7.8
Manganese	280
Vanadium	11

GP-10	5/4/1999 mg/kg 0-2(ft BGS) Soil
INORG	
Arsenic	1.94 U
Cadmium	1.94 U
Chromium Total	5.98
Lead	6.1

MW-0101-S1U	11/15/2004 mg/l Ground Water	3/24/2006 mg/l Ground Water	11/10/2006 mg/l Ground Water	11/13/2008 mg/l Ground Water
INORG				
Arsenic	0.034/0.0343	0.0248	0.005 U/0.005 U	0.005 U/0.005 U
Arsenic (Dissolved)	0.00203 J/0.0024 J	0.005 U	NS	NS
Cadmium	0.000824 J/0.000617 J	0.0528	0.005 U/0.005 U	0.005 U/0.005 U
Cadmium (Dissolved)	0.005 U/0.005 U	0.005 U	NS	NS
Chromium Total	0.0375/0.039	0.035	0.01 U/0.01 U	0.01 U/0.01 U
Chromium Total (Dissolved)	0.01 U/0.01 U	0.01 U	NS	NS
Lead	0.0344/0.0369	0.028	0.005 U/0.005 U	0.01 U/0.01 U
Lead (Dissolved)	0.005 U/0.005 U	0.005 U	NS	NS
Manganese	1.08/1.12	0.87	0.105/0.103	0.0787/0.0844
Manganese (Dissolved)	0.089/0.0891	0.104	NS	NS
Vanadium	0.0516/0.0534	0.0526	0.05 U/0.05 U	0.05 U/0.05 U
Vanadium (Dissolved)	0.05 U/0.05 U	0.05 U	NS	NS

MW-0502-S1	10/19/2005 mg/l Ground Water	3/24/2006 mg/l Ground Water	11/10/2006 mg/l Ground Water	11/13/2008 mg/l Ground Water
INORG				
Arsenic	0.0193	0.005 U	0.005 U	0.005 U
Arsenic (Dissolved)	0.005 U	0.005 U	NS	NS
Cadmium	0.005 U	0.005 U	0.005 U	0.005 U
Cadmium (Dissolved)	0.005 U	0.005 U	NS	NS
Chromium Total	0.0595	0.01 U	0.01 U	0.01 U
Chromium Total (Dissolved)	0.01 U	0.01 U	NS	NS
Lead	0.0402	0.005 U	0.005 U	0.01 U
Lead (Dissolved)	0.005 U	0.005 U	NS	NS
Manganese	1.73	0.231	0.235	0.205
Manganese (Dissolved)	0.192	0.197	NS	NS
Vanadium	0.0831	0.05 U	0.05 U	0.05 U
Vanadium (Dissolved)	0.05 U	0.05 U	NS	NS

GP-9	5/4/1999 mg/kg 0-2(ft BGS) Soil
INORG	
Arsenic	2.1
Cadmium	1.92 U
Chromium Total	4.81
Lead	11.6

SB-10	3/19/1997 mg/kg 4-6(ft BGS) Soil	3/19/1997 mg/kg 8-10(ft BGS) Soil
INORG		
Arsenic	1	1.1
Cadmium	0.57	0.13
Chromium Total	13	15
Lead	16	4.2
Manganese	210	220
Vanadium	19	22

GP-8	5/4/1999 mg/kg 0-2(ft BGS) Soil
INORG	
Arsenic	1.98 U
Cadmium	1.98 U
Chromium Total	4.8
Lead	89.6

SB-9	3/19/1997 mg/kg 6-8(ft BGS) Soil	3/19/1997 mg/kg 14-16(ft BGS) Soil
INORG		
Arsenic	0.29	0.65
Cadmium	0.092	0.1
Chromium Total	7.6	11
Lead	2.7	4.1
Manganese	290	340
Vanadium	12	17

MW-0517-I2	10/18/2005 mg/l Ground Water
INORG	
Arsenic	0.005 U
Cadmium	0.005 U
Chromium Total	0.01 U
Lead	0.005 U
Manganese	0.177
Vanadium	0.05 U

MW-0517-S1	10/18/2005 mg/l Ground Water
INORG	
Arsenic	0.00837
Arsenic (Dissolved)	0.005 U
Cadmium	0.005 U
Cadmium (Dissolved)	0.005 U
Chromium Total	0.0267
Chromium Total (Dissolved)	0.01 U
Lead	0.0142
Lead (Dissolved)	0.005 U
Manganese	0.801
Manganese (Dissolved)	0.199
Vanadium	0.05 U
Vanadium (Dissolved)	0.05 U

MW-0504-S1	10/18/2005 mg/l Ground Water	3/27/2006 mg/l Ground Water	11/20/2006 mg/l Ground Water	11/13/2008 mg/l Ground Water
INORG				
Arsenic	0.005 U	0.0174	0.00487 J	0.0052
Arsenic (Dissolved)	0.005 U	0.005 U	0.005 U/0.005 U	0.005 U
Cadmium	0.005 U	0.005 U	0.005 U	0.005 U
Cadmium (Dissolved)	0.005 U	0.005 U	0.005 U/0.005 U	0.005 U
Chromium Total	0.0134	0.0438	0.01 U	0.01 U
Chromium Total (Dissolved)	0.01 U	0.0113	0.01 U/0.01 U	0.01 U
Lead	0.005 U	0.0161	0.005 U	0.01 U
Lead (Dissolved)	0.005 U	0.005 U	0.005 U/0.005 U	0.005 U
Manganese	0.343	0.791	0.206	0.204
Manganese (Dissolved)	0.11	0.104	0.137/0.138	0.139
Vanadium	0.05 U	0.0489 J	0.05 U	0.05 U
Vanadium (Dissolved)	0.05 U	0.05 U	0.05 U/0.05 U	0.05 U

GP-7	5/4/1999 mg/kg 0-2(ft BGS) Soil
INORG	
Arsenic	3.12
Cadmium	1.98 U
Chromium Total	4.37
Lead	4.18

MW-0503-S2	10/18/2005 mg/l Ground Water	3/24/2006 mg/l Ground Water
INORG		
Arsenic	0.005 U	0.005 U
Arsenic (Dissolved)	0.005 U	NS
Cadmium	0.005 U	0.005 U
Cadmium (Dissolved)	0.005 U	NS
Chromium Total	0.01 U	0.01 U
Chromium Total (Dissolved)	0.01 U	NS
Lead	0.005 U	0.005 U
Lead (Dissolved)	0.005 U	NS
Manganese	0.192	0.16
Manganese (Dissolved)	0.156	NS
Vanadium	0.05 U	0.05 U
Vanadium (Dissolved)	0.05 U	NS

MW-0503-S1	10/18/2005 mg/l Ground Water	3/24/2006 mg/l Ground Water
INORG		
Arsenic	0.00522	0.005 U
Arsenic (Dissolved)	0.005 U	NS
Cadmium	0.005 U	0.005 U
Cadmium (Dissolved)	0.005 U	NS
Chromium Total	0.01 U	0.01 U
Chromium Total (Dissolved)	0.01 U	NS
Lead	0.005 U	0.005 U
Lead (Dissolved)	0.005 U	NS
Manganese	0.501	0.324
Manganese (Dissolved)	0.369	NS
Vanadium	0.05 U	0.05 U
Vanadium (Dissolved)	0.05 U	NS

GP-6	5/4/1999 mg/kg 0-2(ft BGS) Soil
INORG	
Arsenic	1.92 U
Cadmium	1.92 U
Chromium Total	4.89
Lead	4.86

MW-0504-I2	10/18/2005 mg/l Ground Water	3/27/2006 mg/l Ground Water
INORG		
Arsenic	0.00646	0.005 U
Arsenic (Dissolved)	0.005 U	0.005 U
Cadmium	0.005 U	0.005 U
Cadmium (Dissolved)	0.005 U	0.005 U
Chromium Total	0.022	0.01 U
Chromium Total (Dissolved)	0.01 U	0.01 U
Lead	0.0061	0.005 U
Lead (Dissolved)	0.005 U	0.005 U
Manganese	0.433	0.162
Manganese (Dissolved)	0.14	0.12
Vanadium	0.05 U	0.05 U
Vanadium (Dissolved)	0.05 U	0.05 U

NOTE:

1. REFER TO LEGEND SHEET FOR MAP SYMBOLS.

0 100' 200'
GRAPHIC SCALE

MOTORS LIQUIDATION COMPANY
FORMER GM DELCO PLANT 5
KOKOMO, INDIANA
RCRA FACILITY INVESTIGATION REPORT

INORGANIC ANALYTICAL RESULTS AOI 5

ARCADIS

DRAWING 15

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XREFS: 00743XLD 00743X01 IMAGES: PROJECTNAME: ----

CITY:(Read) DIV/GROUP:(Read) DB:(Read) LD:(Opt) PIC:(Opt) PM:(Read) TM:(Opt) LYR:(Opt)ON=*;OFF=*REF*
G:\ENVCAD\SYRACUSE\ACTIN\00074300\02000003\DWG\00743C05.dwg LAYOUT: 16 SAVED: 9/29/2009 10:25 AM ACADVER: 17.0S (LMS TECH) PAGESETUP: C-LD-NY4P72 HP DESIGNJET T1100 DJ3 PLOTSTYLETABLE: PLTFULL.CTB PLOTTED: 10/1/2009 9:55 AM BY: STOWELL, GARY
XREFS: IMAGES: PROJECTNAME: ----
00743XLD
00743X01

SB-0513	9/16/2005 mg/kg 0-2(ft BGS) Soil	9/16/2005 mg/kg 8-10(ft BGS) Soil
VOC		
Benzene	0.0049 U	0.12 U
Carbon tetrachloride	0.0049 U	0.12 U
Chloroform (Trichloromethane)	0.0049 U	0.12 U
1,1-Dichloroethene	0.0049 U	0.12 U
cis-1,2-Dichloroethene	0.0049 U	0.12 U
trans-1,2-Dichloroethene	0.0049 U	0.12 U
Tetrachloroethene	0.0049 U	0.12 U
1,1,1-Trichloroethane	0.004 J	0.14
Trichloroethene	0.12	150
Vinyl chloride	0.0019 U	0.047 U

GP-9	5/4/1999 mg/kg 4-8(ft BGS) Soil
VOC	
Benzene	0.005 U
Carbon tetrachloride	0.005 U
Chloroform (Trichloromethane)	0.005 U
1,1-Dichloroethene	0.005 U
cis-1,2-Dichloroethene	0.005 U
trans-1,2-Dichloroethene	0.005 U
Tetrachloroethene	0.005 U
1,1,1-Trichloroethane	0.005 U
Trichloroethene	0.052
Vinyl chloride	0.002 U
SVOC	
Benzo(a)pyrene	0.33 U
bis(2-Ethylhexyl)phthalate	0.33 U

SB-0609	1/30/2006 mg/kg 8-10(ft BGS) Soil	1/30/2006 mg/kg 14-16(ft BGS) Soil
VOC		
Benzene	0.0037 UJ	0.0036 U
Carbon tetrachloride	0.0037 UJ	0.0036 U
Chloroform (Trichloromethane)	0.0037 UJ	0.0036 U
1,1-Dichloroethene	0.0037 UJ	0.0036 U
cis-1,2-Dichloroethene	0.0037 UJ	0.0036 U
trans-1,2-Dichloroethene	0.0037 UJ	0.0036 U
Tetrachloroethene	0.0037 UJ	0.0036 U
1,1,1-Trichloroethane	0.0037 UJ	0.0036 U
Trichloroethene	0.077 J	0.0036 U
Vinyl chloride	0.0015 UJ	0.0063

P1	5/22/2001 mg/kg 10-10(ft BGS) Soil
VOC	
Benzene	0.024 U
Carbon tetrachloride	0.024 U
Chloroform (Trichloromethane)	0.098 U
1,1-Dichloroethene	0.024 U
cis-1,2-Dichloroethene	0.042
trans-1,2-Dichloroethene	0.024 U
Tetrachloroethene	0.024 U
1,1,1-Trichloroethane	0.024 U
Trichloroethene	2.8
Vinyl chloride	0.049 U

P7	5/22/2001 mg/kg 9-10(ft BGS) Soil
VOC	
Benzene	0.016 U
Carbon tetrachloride	0.016 U
Chloroform (Trichloromethane)	0.065 U
1,1-Dichloroethene	0.016 U
cis-1,2-Dichloroethene	0.016 U
trans-1,2-Dichloroethene	0.016 U
Tetrachloroethene	0.016 U
1,1,1-Trichloroethane	0.016 U
Trichloroethene	3.9
Vinyl chloride	0.033 U

P8	5/22/2001 mg/kg 10-10(ft BGS) Soil
VOC	
Benzene	0.019 U
Carbon tetrachloride	0.019 U
Chloroform (Trichloromethane)	0.076 U
1,1-Dichloroethene	0.031
cis-1,2-Dichloroethene	0.7
trans-1,2-Dichloroethene	0.03
Tetrachloroethene	0.019 U
1,1,1-Trichloroethane	0.019 U
Trichloroethene	83
Vinyl chloride	0.038 U

SB-0608	1/30/2006 mg/kg 8-10(ft BGS) Soil	1/30/2006 mg/kg 14-16(ft BGS) Soil
VOC		
Benzene	0.004 U	0.0035 J
Carbon tetrachloride	0.004 U	0.0037 U
Chloroform (Trichloromethane)	0.004 U	0.0037 U
1,1-Dichloroethene	0.006	0.0079
cis-1,2-Dichloroethene	0.24	3.5
trans-1,2-Dichloroethene	0.0064	0.11
Tetrachloroethene	0.004 U	0.0037 U
1,1,1-Trichloroethane	0.004 U	0.0037 U
Trichloroethene	64	10
Vinyl chloride	0.0013 J	0.0059

GP-10	5/4/1999 mg/kg 4-8(ft BGS) Soil
VOC	
Benzene	0.005 U
Carbon tetrachloride	0.005 U
Chloroform (Trichloromethane)	0.005 U
1,1-Dichloroethene	0.005 U
cis-1,2-Dichloroethene	0.0084
trans-1,2-Dichloroethene	0.005 U
Tetrachloroethene	0.005 U
1,1,1-Trichloroethane	0.005 U
Trichloroethene	0.84
Vinyl chloride	0.002 U
SVOC	
Benzo(a)pyrene	0.33 U
bis(2-Ethylhexyl)phthalate	0.33 U

SB-0631	10/10/2006 mg/kg 8-10(ft BGS) Soil	10/10/2006 mg/kg 12-14(ft BGS) Soil
VOC		
Benzene	0.0042 U	0.0043 U
Carbon tetrachloride	0.0042 U	0.0043 U
Chloroform (Trichloromethane)	0.0042 U	0.0043 U
1,1-Dichloroethene	0.016	0.0088
cis-1,2-Dichloroethene	8.7	20
trans-1,2-Dichloroethene	0.051	0.049
Tetrachloroethene	0.0042 U	0.0043 U
1,1,1-Trichloroethane	0.0042 U	0.0043 U
Trichloroethene	0.019	0.012
Vinyl chloride	0.06	0.17

SB-0613	1/31/2006 mg/kg 8-10(ft BGS) Soil	1/31/2006 mg/kg 14-16(ft BGS) Soil
VOC		
Benzene	0.004 U	0.0035 U
Carbon tetrachloride	0.004 U	0.0035 U
Chloroform (Trichloromethane)	0.004 U	0.0035 U
1,1-Dichloroethene	0.009	0.017
cis-1,2-Dichloroethene	1	1.1 J
trans-1,2-Dichloroethene	0.015	0.022
Tetrachloroethene	0.004 U	0.0035 U
1,1,1-Trichloroethane	0.004 U	0.0035 U
Trichloroethene	85	100 J
Vinyl chloride	0.001 J	0.0015

MW-0502-S1	10/19/2005 mg/l Ground Water	3/24/2006 mg/l Ground Water	11/10/2006 mg/l Ground Water
VOC			
Benzene	0.005 U	0.005 U	0.005 U
Carbon tetrachloride	0.005 U	0.005 U	0.005 U
Chloroform (Trichloromethane)	0.005 U	0.005 U	0.005 U
1,1-Dichloroethene	0.005 U	0.005 U	0.005 U
cis-1,2-Dichloroethene	0.0099	0.015	0.018
trans-1,2-Dichloroethene	0.005 U	0.0048 J	0.0057
Tetrachloroethene	0.005 U	0.005 UJ	0.005 U
1,1,1-Trichloroethane	0.005 U	0.005 U	0.005 U
Trichloroethene	0.084	0.19	0.18
Vinyl chloride	0.002 U	0.002 U	0.002 U
SVOC			
Benzo(a)pyrene	0.0053 U	0.0051 U	NS
bis(2-Ethylhexyl)phthalate	0.0053 U	0.0051 U	NS

MW-0101-S1U	6/22/2001 mg/l Ground Water	11/15/2004 mg/l Ground Water	3/24/2006 mg/l Ground Water	11/10/2006 mg/l Ground Water
VOC				
Benzene	NS	0.005 U/0.005 U	0.0024 J	0.0023 J/0.0023 J
Carbon tetrachloride	0.05 U	0.005 U/0.005 U	0.005 U	0.005 U/0.005 U
Chloroform (Trichloromethane)	0.2 U	0.005 U/0.005 U	0.005 U	0.005 U/0.005 U
1,1-Dichloroethene	0.05 U	0.013/0.014	0.007	0.0094/0.0093
cis-1,2-Dichloroethene	0.8	1.6/1.3	1.2	1.1/1.1
trans-1,2-Dichloroethene	0.05 U	0.069/0.073	0.068	0.073/0.072
Tetrachloroethene	0.05 U	0.005 U/0.005 U	0.005 UJ	0.005 U/0.005 U
1,1,1-Trichloroethane	0.05 U	0.005 U/0.005 U	0.005 U	0.005 U/0.005 U
Trichloroethene	3.1	13/11	9.4	7.7/7.5
Vinyl chloride	0.067	0.14/0.15	0.067	0.10.1
SVOC				
Benzo(a)pyrene	NS	0.0001 UJ/0.0001 UJ	0.0056 U	NS
bis(2-Ethylhexyl)phthalate	NS	0.0051 U/0.005 U	0.0056 U	NS

SB-0632	10/10/2006 mg/kg 8-10(ft BGS) Soil	10/10/2006 mg/kg 12-14(ft BGS) Soil
VOC		
Benzene	0.0043 U	0.0041 U
Carbon tetrachloride	0.0043 U	0.0041 U
Chloroform (Trichloromethane)	0.0043 U	0.0041 U
1,1-Dichloroethene	0.0043 U	0.0041 U
cis-1,2-Dichloroethene	0.0013 J	0.001 J
trans-1,2-Dichloroethene	0.0043 U	0.0041 U
Tetrachloroethene	0.0043 U	0.0041 U
1,1,1-Trichloroethane	0.0043 U	0.0041 U
Trichloroethene	0.0043 U	0.0041 U
Vinyl chloride	0.0017 U	0.0017 U

SB-0612	1/31/2006 mg/kg 8-10(ft BGS) Soil	1/31/2006 mg/kg 14-16(ft BGS) Soil
VOC		
Benzene	0.0038 U	0.0033 U
Carbon tetrachloride	0.0038 U	0.0033 U
Chloroform (Trichloromethane)	0.0038 U	0.0033 U
1,1-Dichloroethene	0.01	0.0061
cis-1,2-Dichloroethene	1.4	1.7
trans-1,2-Dichloroethene	0.019	0.023
Tetrachloroethene	0.0038 U	0.0033 U
1,1,1-Trichloroethane	0.0038 U	0.0033 U
Trichloroethene	33	130
Vinyl chloride	0.0034	0.0012 J

GP-13	5/5/1999 mg/kg 4-8(ft BGS) Soil
VOC	
Benzene	0.005 U
Carbon tetrachloride	0.005 U
Chloroform (Trichloromethane)	0.005 U
1,1-Dichloroethene	0.005 U
cis-1,2-Dichloroethene	0.005 U
trans-1,2-Dichloroethene	0.005 U
Tetrachloroethene	0.005 U
1,1,1-Trichloroethane	0.008
Trichloroethene	0.036
Vinyl chloride	0.002 U

MW-0517-I2	10/18/2005 mg/l Ground Water	3/22/2006 mg/l Ground Water
VOC		
Benzene	0.005 U	0.005 U
Carbon tetrachloride	0.005 U	0.005 U
Chloroform (Trichloromethane)	0.0074	0.005 U
1,1-Dichloroethene	0.005 U	0.005 U
cis-1,2-Dichloroethene	0.005 U	0.005 U
trans-1,2-Dichloroethene	0.005 U	0.005 U
Tetrachloroethene	0.005 U	0.005 U
1,1,1-Trichloroethane	0.005 U	0.005 U
Trichloroethene	0.005 U	0.005 U
Vinyl chloride	0.002 U	0.002 U
SVOC		
Benzo(a)pyrene	0.0054 U	NS
bis(2-Ethylhexyl)phthalate	0.0054 U	NS

SB-0512	9/19/2005 mg/kg 0-2(ft BGS) Soil	9/19/2005 mg/kg 8-10(ft BGS) Soil	9/19/2005 mg/kg 10-12(ft BGS) Soil
VOC			
Benzene	0.0056 U	0.12 U	0.0042 U
Carbon tetrachloride	0.0056 U	0.12 U	0.0042 U
Chloroform (Trichloromethane)	0.0056 U	0.12 U	0.0042 U
1,1-Dichloroethene	0.0056 U	0.042 J	0.013
cis-1,2-Dichloroethene	0.0056 U	1.6	0.75
trans-1,2-Dichloroethene	0.0056 U	0.12 U	0.0042 U
Tetrachloroethene	0.0056 U	0.12 U	0.0042 U
1,1,1-Trichloroethane	0.0056 U	0.12 U	0.0042 U
Trichloroethene	0.064	39	29
Vinyl chloride	0.0022 U	0.035 J	0.03 _

P4	5/22/2001 mg/kg 10-11(ft BGS) Soil
VOC	
Benzene	0.022 U
Carbon tetrachloride	0.022 U
Chloroform (Trichloromethane)	0.087 U
1,1-Dichloroethene	0.022 U
cis-1,2-Dichloroethene	0.5
trans-1,2-Dichloroethene	0.022 U
Tetrachloroethene	0.022 U
1,1,1-Trichloroethane	0.022 U
Trichloroethene	120
Vinyl chloride	0.044 U

P9	5/22/2001 mg/kg 9-10(ft BGS) Soil
VOC	
Benzene	0.025 U
Carbon tetrachloride	0.025 U
Chloroform (Trichloromethane)	0.1 U
1,1-Dichloroethene	0.025 U
cis-1,2-Dichloroethene	0.22
trans-1,2-Dichloroethene	0.025 U
Tetrachloroethene	0.025 U
1,1,1-Trichloroethane	0.1
Trichloroethene	2.4
Vinyl chloride	0.05 U

SB-0611	1/31/2006 mg/kg 8-10(ft BGS) Soil	1/31/2006 mg/kg 14-16(ft BGS) Soil
VOC		
Benzene	0.0051 U	0.0028 J
Carbon tetrachloride	0.0051 U	0.0036 UJ
Chloroform (Trichloromethane)	0.0051 U	0.0036 UJ
1,1-Dichloroethene	0.0051 U	0.054 J
cis-1,2-Dichloroethene	0.016	0.99
trans-1,2-Dichloroethene	0.0051 U	0.1 J
Tetrachloroethene	0.0051 U	0.0036 UJ
1,1,1-Trichloroethane	0.05	0.0029 J
Trichloroethene	0.14	5.1
Vinyl chloride	0.002 U	0.0077 J

SB-0514	9/16/2005 mg/kg 0-2(ft BGS) Soil	9/16/2005 mg/kg 8-10(ft BGS) Soil	9/16/2005 mg/kg 14-16(ft BGS) Soil
VOC			
Benzene	0.0052 U	0.0057 UJ	0.18 U
Carbon tetrachloride	0.0052 U	0.0057 UJ	0.18 U
Chloroform (Trichloromethane)	0.0052 U	0.0057 UJ	0.18 U
1,1-Dichloroethene	0.0052 U	0.024 J	0.18 U
cis-1,2-Dichloroethene	0.0052 U	1.8 J	5.6
trans-1,2-Dichloroethene	0.0052 U	0.021 J	0.18 U
Tetrachloroethene	0.0052 U	0.0057 UJ	0.18 U
1,1,1-Trichloroethane	0.0073	0.14 J	0.18 U
Trichloroethene	0.087	89 J	7.8
Vinyl chloride	0.0021 U	0.0023 UJ	0.072 U

NOTE:

1. REFER TO LEGEND SHEET FOR MAP SYMBOLS.

0 100' 200'
GRAPHIC SCALE

MOTORS LIQUIDATION COMPANY
FORMER GM DELCO PLANT 5
KOKOMO, INDIANA

RCRA FACILITY INVESTIGATION REPORT

ORGANIC ANALYTICAL RESULTS AOI 5 - NORTH

ARCADIS

DRAWING 16

CITY: SYRACUSE DIV/GROUP: 141 DB: G.STOWELL PM: D.LAY LYR:ON=*;OFF=*REF
G:\ENVCAD\SYRACUSE\ACTIN\00074300\02000\00003\DWG\00743C11.dwg LAYOUT: 17 SAVED: 9/29/2009 10:22 AM ACADVER: 17.0S (LMS TECH) PAGESETUP: C-LD-NY4P72 HP DESIGNJET T1100 DJ3 PLOTSTYLETABLE: PLTFULL.CTB PLOTTED: 10/1/2009 9:55 AM BY: STOWELL, GARY
XREFS: 00743XLD 00743X01 IMAGES: PROJECTNAME: ----

GP-8	5/4/1999 mg/kg 8-12(ft BGS) Soil
VOC	
Benzene	0.005 U
Carbon tetrachloride	0.005 U
Chloroform (Trichloromethane)	0.005 U
1,1-Dichloroethene	0.005 U
cis-1,2-Dichloroethene	0.005 U
trans-1,2-Dichloroethene	0.005 U
Tetrachloroethene	0.005 U
1,1,1-Trichloroethane	0.04
Trichloroethene	0.04
Vinyl chloride	0.002 U
SVOC	
Benzo(a)pyrene	0.33 U
bis(2-Ethylhexyl)phthalate	0.33 U
PCB	
Total PCBs	33 U

SB-0610	1/30/2006 mg/kg 8-10(ft BGS) Soil	1/30/2006 mg/kg 14-16(ft BGS) Soil
VOC		
Benzene	0.0038 UJ/0.0034 U	0.0047 UJ
Carbon tetrachloride	0.0038 UJ/0.0034 U	0.0047 UJ
Chloroform (Trichloromethane)	0.0038 UJ/0.0034 U	0.0047 UJ
1,1-Dichloroethene	0.0038 UJ/0.0034 U	0.0047 UJ
cis-1,2-Dichloroethene	0.013 J/0.013	24
trans-1,2-Dichloroethene	0.0038 UJ/0.0034 U	0.17 J
Tetrachloroethene	0.0038 UJ/0.0034 U	0.0047 UJ
1,1,1-Trichloroethane	0.043 J/0.036	0.0047 UJ
Trichloroethene	6.4/7.1	0.0047 UJ
Vinyl chloride	0.0033 UJ/0.0014 U	0.0026 J

GP-6	5/4/1999 mg/kg 4-8(ft BGS) Soil
VOC	
Benzene	0.005 U
Carbon tetrachloride	0.005 U
Chloroform (Trichloromethane)	0.005 U
1,1-Dichloroethene	0.005 U
cis-1,2-Dichloroethene	0.0057
trans-1,2-Dichloroethene	0.005 U
Tetrachloroethene	0.005 U
1,1,1-Trichloroethane	0.0061
Trichloroethene	0.1 J2
Vinyl chloride	0.002 U
SVOC	
Benzo(a)pyrene	0.33 U
bis(2-Ethylhexyl)phthalate	2.3
PCB	
Total PCBs	33 U

SB-0633	10/10/2006 mg/kg 8-10(ft BGS) Soil	10/10/2006 mg/kg 12-14(ft BGS) Soil
VOC		
Benzene	0.0044 U	0.0048 U
Carbon tetrachloride	0.0044 U	0.0048 U
Chloroform (Trichloromethane)	0.0044 U	0.0048 U
1,1-Dichloroethene	0.0044 U	0.0048 U
cis-1,2-Dichloroethene	0.0013 J	3
trans-1,2-Dichloroethene	0.0044 U	0.041
Tetrachloroethene	0.0044 U	0.0048 UJ
1,1,1-Trichloroethane	0.029	0.0048 U
Trichloroethene	3.1	0.0048 U
Vinyl chloride	0.0018 U	0.0019 U

MW-0517-S1	10/18/2005 mg/l Groundwater	3/22/2006 mg/l Groundwater
VOC		
Benzene	0.005 UJ	0.0017 J
Carbon tetrachloride	0.005 UJ	0.005 U
Chloroform (Trichloromethane)	0.005 UJ	0.005 U
1,1-Dichloroethene	0.005 UJ	0.0027 J
cis-1,2-Dichloroethene	0.37 J	0.9
trans-1,2-Dichloroethene	0.042 J	0.065
Tetrachloroethene	0.005 UJ	0.005 U
1,1,1-Trichloroethane	0.005 UJ	0.005 U
Trichloroethene	0.69 J	1.8
Vinyl chloride	0.015 J	0.03
SVOC		
Benzo(a)pyrene	0.0059 U	NS
bis(2-Ethylhexyl)phthalate	0.0059 U	NS

MW-0604-S1	3/22/2006 mg/l Groundwater	11/8/2006 mg/l Groundwater
VOC		
Benzene	0.005 U	0.005 U
Carbon tetrachloride	0.005 U	0.005 U
Chloroform (Trichloromethane)	0.005 U	0.005 U
1,1-Dichloroethene	0.0079	0.0054
cis-1,2-Dichloroethene	1.4	0.8
trans-1,2-Dichloroethene	0.12	0.076
Tetrachloroethene	0.005 U	0.005 U
1,1,1-Trichloroethane	0.005 U	0.005 U
Trichloroethene	4.9	2.7
Vinyl chloride	0.043	0.031

MW-0604-S2	3/22/2006 mg/l Groundwater	11/9/2006 mg/l Groundwater	6/24/2009 mg/l Groundwater
VOC			
Benzene	0.005 U	0.005 U	0.005 U
Carbon tetrachloride	0.005 U	0.005 U	0.005 U
Chloroform (Trichloromethane)	0.005 U	0.005 U	0.005 U
1,1-Dichloroethene	0.005 U	0.005 U	0.005 U
cis-1,2-Dichloroethene	0.039	0.06	0.0946
trans-1,2-Dichloroethene	0.02	0.01	0.0089
Tetrachloroethene	0.005 U	0.005 U	0.005 U
1,1,1-Trichloroethane	0.005 U	0.005 U	0.005 U
Trichloroethene	0.1	0.027	0.005 U
Vinyl chloride	0.002 U	0.002 U	0.002 U

GP-14	5/5/1999 mg/kg 4-8(ft BGS) Soil
VOC	
Benzene	0.005 U
Carbon tetrachloride	0.005 U
Chloroform (Trichloromethane)	0.005 U
1,1-Dichloroethene	0.005 U
cis-1,2-Dichloroethene	0.005 U
trans-1,2-Dichloroethene	0.005 U
Tetrachloroethene	0.005 U
1,1,1-Trichloroethane	0.005 U
Trichloroethene	0.005 U
Vinyl chloride	0.002 U

MW-0504-I2	10/18/2005 mg/l Groundwater	3/27/2006 mg/l Groundwater
VOC		
Benzene	0.005 U	0.005 U
Carbon tetrachloride	0.005 U	0.005 U
Chloroform (Trichloromethane)	0.005 U	0.005 U
1,1-Dichloroethene	0.005 U	0.005 U
cis-1,2-Dichloroethene	0.015	0.026
trans-1,2-Dichloroethene	0.005 U	0.005 U
Tetrachloroethene	0.005 U	0.005 UJ
1,1,1-Trichloroethane	0.005 U	0.005 U
Trichloroethene	0.017	0.006
Vinyl chloride	0.002 U	0.002 U
SVOC		
Benzo(a)pyrene	0.0059 U	0.0051 U
bis(2-Ethylhexyl)phthalate	0.0059 U	0.0051 U

MW-0504-S1	10/18/2005 mg/l Groundwater	3/27/2006 mg/l Groundwater	11/20/2006 mg/l Groundwater
VOC			
Benzene	0.005 U	0.005 U	NS/0.005 U
Carbon tetrachloride	0.005 U	0.005 U	NS/0.005 U
Chloroform (Trichloromethane)	0.005 U	0.005 U	NS/0.005 U
1,1-Dichloroethene	0.0058	0.0042 J	NS/0.004 J
cis-1,2-Dichloroethene	0.66	1.2	NS/0.7
trans-1,2-Dichloroethene	0.062	0.09	NS/0.091
Tetrachloroethene	0.005 U	0.005 UJ	NS/0.005 U
1,1,1-Trichloroethane	0.005 U	0.005 U	NS/0.005 U
Trichloroethene	1.5	1.4	NS/1.4
Vinyl chloride	0.016	0.023	NS/0.017
SVOC			
Benzo(a)pyrene	0.0052 U	0.0051 U	NS/NS
bis(2-Ethylhexyl)phthalate	0.0052 U	0.0051 U	NS/NS

MW-0504-S2	3/27/2006 mg/l Groundwater	11/7/2006 mg/l Groundwater
VOC		
Benzene	0.005 U	0.005 U
Carbon tetrachloride	0.005 U	0.005 U
Chloroform (Trichloromethane)	0.049	0.005 U
1,1-Dichloroethene	0.005 U	0.005 U
cis-1,2-Dichloroethene	0.005 U	0.3
trans-1,2-Dichloroethene	0.005 U	0.02
Tetrachloroethene	0.005 UJ	0.005 U
1,1,1-Trichloroethane	0.005 U	0.005 U
Trichloroethene	0.0015 J	0.1
Vinyl chloride	0.002 U	0.002 U

SB-0509	9/19/2005 mg/kg 0-2(ft BGS) Soil	9/19/2005 mg/kg 8-10(ft BGS) Soil	9/19/2005 mg/kg 14-16(ft BGS) Soil
PCB			
Total PCBs	1.14 J	0.463	0.089 J

SB-9	3/19/1997 mg/kg 6-8(ft BGS) Soil	3/19/1997 mg/kg 14-16(ft BGS) Soil
VOC		
Benzene	0.01 U	0.01 U
Carbon tetrachloride	0.01 U	0.01 U
Chloroform (Trichloromethane)	0.01 U	0.01 U
1,1-Dichloroethene	0.01 U	0.01 U
cis-1,2-Dichloroethene	0.01 U [tot]	0.01 U [tot]
trans-1,2-Dichloroethene	NS	NS
Tetrachloroethene	0.01 U	0.003 J
1,1,1-Trichloroethane	0.007 J	0.01 U
Trichloroethene	0.039	0.009 J
Vinyl chloride	0.01 U	0.01 U
SVOC		
Benzo(a)pyrene	0.33 U	0.33 U
bis(2-Ethylhexyl)phthalate	0.029 J	0.084 J
PCB		
Total PCBs	0.33 U	2.27 J

GP-7	5/4/1999 mg/kg 4-8(ft BGS) Soil
VOC	
Benzene	0.005 U
Carbon tetrachloride	0.005 U
Chloroform (Trichloromethane)	0.005 U
1,1-Dichloroethene	0.005 U
cis-1,2-Dichloroethene	0.005 U
trans-1,2-Dichloroethene	0.005 U
Tetrachloroethene	0.005 U
1,1,1-Trichloroethane	0.005 U
Trichloroethene	0.017
Vinyl chloride	0.002 U
SVOC	
Benzo(a)pyrene	0.33 U
bis(2-Ethylhexyl)phthalate	0.33 U
PCB	
Total PCBs	33 U

SB-0510	9/19/2005 mg/kg 0-2(ft BGS) Soil	9/19/2005 mg/kg 8-10(ft BGS) Soil	10/10/2005 mg/kg 14-16(ft BGS) Soil
PCB			
Total PCBs	0.02 U	0.018 U/0.0705 J	0.017 U

SB-0511	9/20/2005 mg/kg 0-2(ft BGS) Soil	9/20/2005 mg/kg 8-10(ft BGS) Soil	9/20/2005 mg/kg 14-16(ft BGS) Soil
PCB			
Total PCBs	0.021 U	0.062 J	0.018 U

MW-0503-B1A	11/14/2008 mg/l 140-150(ft BGS) Groundwater	11/17/2008 mg/l 132-142(ft BGS) Groundwater	11/18/2008 mg/l 92-102(ft BGS) Groundwater	11/18/2008 mg/l 102-112(ft BGS) Groundwater	11/18/2008 mg/l 112-122(ft BGS) Groundwater	11/18/2008 mg/l 122-132(ft BGS) Groundwater	11/19/2008 mg/l 85-95(ft BGS) Groundwater
VOC							
Benzene	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Carbon tetrachloride	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Chloroform (Trichloromethane)	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,1-Dichloroethene	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
cis-1,2-Dichloroethene	0.0108 J	0.005 U	0.0293	0.0208	0.005 U	0.0067	0.0308
trans-1,2-Dichloroethene	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Tetrachloroethene	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,1,1-Trichloroethane	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Trichloroethene	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Vinyl chloride	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U

MW-0503-S2	10/18/2005 mg/l Groundwater	3/24/2006 mg/l Groundwater	6/24/2009 mg/l Groundwater
VOC			
Benzene	0.005 U	0.005 U	0.005 U
Carbon tetrachloride	0.005 U	0.005 U	0.005 U
Chloroform (Trichloromethane)	0.0056	0.005 U	0.005 U
1,1-Dichloroethene	0.005 U	0.005 U	0.005 U
cis-1,2-Dichloroethene	0.0099	0.0078	0.0084
trans-1,2-Dichloroethene	0.005 U	0.005 U	0.005 U
Tetrachloroethene	0.005 U	0.005 UJ	0.005 U
1,1,1-Trichloroethane	0.005 U	0.005 U	0.005 U
Trichloroethene	0.005 U	0.0013 J	0.005 U
Vinyl chloride	0.002 U	0.002 U	0.002 U
SVOC			
Benzo(a)pyrene	0.0059 U	0.0056 U	NS
bis(2-Ethylhexyl)phthalate	0.0059 U	0.0056 U	NS

MW-0503-S1	10/18/2005 mg/l Groundwater	3/24/2006 mg/l Groundwater	6/25/2009 mg/l Groundwater
VOC			
Benzene	0.005 U	0.005 U	0.005 U
Carbon tetrachloride	0.005 U	0.005 U	0.005 U
Chloroform (Trichloromethane)	0.005 U	0.005 U	0.005 U
1,1-Dichloroethene	0.005 U	0.005 U	0.005 U
cis-1,2-Dichloroethene	0.005 U	0.005 U	0.005 U
trans-1,2-Dichloroethene	0.005 U	0.005 U	0.005 U
Tetrachloroethene	0.005 U	0.005 UJ	0.005 U
1,1,1-Trichloroethane	0.005 U	0.005 U	0.005 U
Trichloroethene	0.005 U	0.005 U	0.005 U
Vinyl chloride	0.002 U	0.002 U	0.002 U
SVOC			
Benzo(a)pyrene	0.0056 U	0.0056 U	NS
bis(2-Ethylhexyl)phthalate	0.0056 U	0.0056 U	NS

GP-11	5/4/1999 mg/kg 4-8(ft BGS) Soil
VOC	
Benzene	0.005 U
Carbon tetrachloride	0.005 U
Chloroform (Trichloromethane)	0.005 U
1,1-Dichloroethene	0.005 U
cis-1,2-Dichloroethene	0.005 U
trans-1,2-Dichloroethene	0.005 U
Tetrachloroethene	0.005 U
1,1,1-Trichloroethane	0.012
Trichloroethene	0.014
Vinyl chloride	0.002 U

GP-12	5/4/1999 mg/kg 12-16(ft BGS) Soil
VOC	
Benzene	0.005 U
Carbon tetrachloride	0.005 U
Chloroform (Trichloromethane)	0.005 U
1,1-Dichloroethene	0.005 U
cis-1,2-Dichloroethene	0.005 U
trans-1,2-Dichloroethene	0.005 U
Tetrachloroethene	0.005 U
1,1,1-Trichloroethane	0.005 U
Trichloroethene	0.005 U
Vinyl chloride	0.002 U

NOTE:

1. REFER TO LEGEND SHEET FOR MAP SYMBOLS.

0 100' 200'
GRAPHIC SCALE

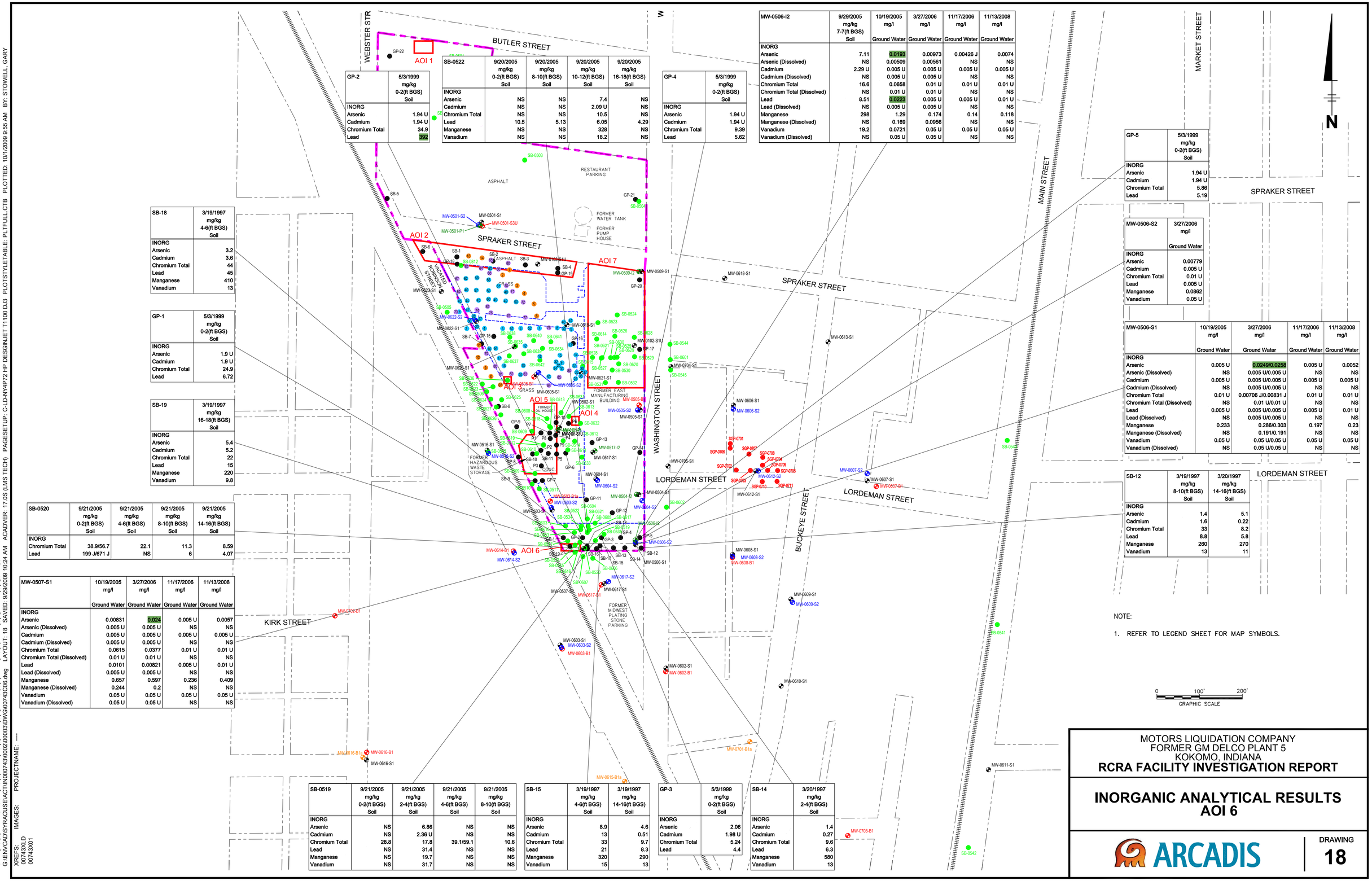
MOTORS LIQUIDATION COMPANY
FORMER GM DELCO PLANT 5
KOKOMO, INDIANA

RCRA FACILITY INVESTIGATION REPORT

ORGANIC ANALYTICAL RESULTS
AOI 5 - SOUTH

ARCADIS

DRAWING
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GP-2	5/3/1999 mg/kg 0-2(ft BGS) Soil
INORG	
Arsenic	1.94 U
Cadmium	1.94 U
Chromium Total	34.9
Lead	392

SB-0522	9/20/2005 mg/kg 0-2(ft BGS) Soil	9/20/2005 mg/kg 8-10(ft BGS) Soil	9/20/2005 mg/kg 10-12(ft BGS) Soil	9/20/2005 mg/kg 16-18(ft BGS) Soil
INORG				
Arsenic	NS	NS	7.4	NS
Cadmium	NS	NS	2.09 U	NS
Chromium Total	NS	NS	10.5	NS
Lead	10.5	5.13	6.05	4.29
Manganese	NS	NS	328	NS
Vanadium	NS	NS	18.2	NS

GP-4	5/3/1999 mg/kg 0-2(ft BGS) Soil
INORG	
Arsenic	1.94 U
Cadmium	1.94 U
Chromium Total	9.39
Lead	5.62

MW-0506-I2	9/29/2005 mg/kg 7-7(ft BGS) Soil	10/19/2005 mg/l Ground Water	3/27/2006 mg/l Ground Water	11/17/2006 mg/l Ground Water	11/13/2008 mg/l Ground Water
INORG					
Arsenic	7.11	0.0193	0.00973	0.00426 J	0.0074
Arsenic (Dissolved)	NS	0.00509	0.00561	NS	NS
Cadmium	2.29 U	0.005 U	0.005 U	0.005 U	0.005 U
Cadmium (Dissolved)	NS	0.005 U	0.005 U	NS	NS
Chromium Total	16.6	0.0658	0.01 U	0.01 U	0.01 U
Chromium Total (Dissolved)	NS	0.01 U	0.01 U	NS	NS
Lead	8.51	0.0223	0.005 U	0.005 U	0.01 U
Lead (Dissolved)	NS	0.005 U	0.005 U	NS	NS
Manganese	298	1.29	0.174	0.14	0.118
Manganese (Dissolved)	NS	0.169	0.0956	NS	NS
Vanadium	19.2	0.0721	0.05 U	0.05 U	0.05 U
Vanadium (Dissolved)	NS	0.05 U	0.05 U	NS	NS

GP-5	5/3/1999 mg/kg 0-2(ft BGS) Soil
INORG	
Arsenic	1.94 U
Cadmium	1.94 U
Chromium Total	5.86
Lead	5.19

MW-0506-S2	3/27/2006 mg/l Ground Water
INORG	
Arsenic	0.00779
Cadmium	0.005 U
Chromium Total	0.01 U
Lead	0.005 U
Manganese	0.0862
Vanadium	0.05 U

SB-18	3/19/1997 mg/kg 4-6(ft BGS) Soil
INORG	
Arsenic	3.2
Cadmium	3.6
Chromium Total	44
Lead	45
Manganese	410
Vanadium	13

GP-1	5/3/1999 mg/kg 0-2(ft BGS) Soil
INORG	
Arsenic	1.9 U
Cadmium	1.9 U
Chromium Total	24.9
Lead	6.72

SB-19	3/19/1997 mg/kg 16-18(ft BGS) Soil
INORG	
Arsenic	5.4
Cadmium	5.2
Chromium Total	22
Lead	15
Manganese	220
Vanadium	9.8

MW-0506-S1	10/19/2005 mg/l Ground Water	3/27/2006 mg/l Ground Water	11/17/2006 mg/l Ground Water	11/13/2008 mg/l Ground Water
INORG				
Arsenic	0.005 U	0.0249/0.0258	0.005 U	0.0052
Arsenic (Dissolved)	NS	0.005 U/0.005 U	NS	NS
Cadmium	0.005 U	0.005 U/0.005 U	0.005 U	0.005 U
Cadmium (Dissolved)	NS	0.005 U/0.005 U	NS	NS
Chromium Total	0.01 U	0.00706 J/0.00831 J	0.01 U	0.01 U
Chromium Total (Dissolved)	NS	0.01 U/0.01 U	NS	NS
Lead	0.005 U	0.005 U/0.005 U	0.005 U	0.01 U
Lead (Dissolved)	NS	0.005 U/0.005 U	NS	NS
Manganese	0.233	0.286/0.303	0.197	0.23
Manganese (Dissolved)	NS	0.191/0.191	NS	NS
Vanadium	0.05 U	0.05 U/0.05 U	0.05 U	0.05 U
Vanadium (Dissolved)	NS	0.05 U/0.05 U	NS	NS

SB-0520	9/21/2005 mg/kg 0-2(ft BGS) Soil	9/21/2005 mg/kg 4-6(ft BGS) Soil	9/21/2005 mg/kg 8-10(ft BGS) Soil	9/21/2005 mg/kg 14-16(ft BGS) Soil
INORG				
Chromium Total	38.9/56.7	22.1	11.3	8.59
Lead	199 J/671 J	NS	6	4.07

SB-12	3/19/1997 mg/kg 8-10(ft BGS) Soil	3/20/1997 mg/kg 14-16(ft BGS) Soil
INORG		
Arsenic	1.4	5.1
Cadmium	1.6	0.22
Chromium Total	33	8.2
Lead	8.8	5.8
Manganese	260	270
Vanadium	13	11

MW-0507-S1	10/19/2005 mg/l Ground Water	3/27/2006 mg/l Ground Water	11/17/2006 mg/l Ground Water	11/13/2008 mg/l Ground Water
INORG				
Arsenic	0.00831	0.024	0.005 U	0.0057
Arsenic (Dissolved)	0.005 U	0.005 U	NS	NS
Cadmium	0.005 U	0.005 U	0.005 U	0.005 U
Cadmium (Dissolved)	0.005 U	0.005 U	NS	NS
Chromium Total	0.0615	0.0377	0.01 U	0.01 U
Chromium Total (Dissolved)	0.01 U	0.01 U	NS	NS
Lead	0.0101	0.00821	0.005 U	0.01 U
Lead (Dissolved)	0.005 U	0.005 U	NS	NS
Manganese	0.657	0.597	0.236	0.409
Manganese (Dissolved)	0.244	0.2	NS	NS
Vanadium	0.05 U	0.05 U	0.05 U	0.05 U
Vanadium (Dissolved)	0.05 U	0.05 U	NS	NS

SB-0519	9/21/2005 mg/kg 0-2(ft BGS) Soil	9/21/2005 mg/kg 2-4(ft BGS) Soil	9/21/2005 mg/kg 4-6(ft BGS) Soil	9/21/2005 mg/kg 8-10(ft BGS) Soil
INORG				
Arsenic	NS	6.86	NS	NS
Cadmium	NS	2.36 U	NS	NS
Chromium Total	28.8	17.8	39.1/59.1	10.6
Lead	NS	31.4	NS	NS
Manganese	NS	19.7	NS	NS
Vanadium	NS	31.7	NS	NS

SB-15	3/19/1997 mg/kg 4-6(ft BGS) Soil	3/19/1997 mg/kg 14-16(ft BGS) Soil
INORG		
Arsenic	8.9	4.6
Cadmium	13	0.51
Chromium Total	33	9.7
Lead	21	8.3
Manganese	320	290
Vanadium	15	13

GP-3	5/3/1999 mg/kg 0-2(ft BGS) Soil
INORG	
Arsenic	2.06
Cadmium	1.98 U
Chromium Total	5.24
Lead	4.4

SB-14	3/20/1997 mg/kg 2-4(ft BGS) Soil
INORG	
Arsenic	1.4
Cadmium	0.27
Chromium Total	9.6
Lead	6.3
Manganese	580
Vanadium	13

MOTORS LIQUIDATION COMPANY
FORMER GM DELCO PLANT 5
KOKOMO, INDIANA

RCRA FACILITY INVESTIGATION REPORT

INORGANIC ANALYTICAL RESULTS AOI 6

ARCADIS

DRAWING 18

CITY:(Req'd) DIV/GROUP:(Req'd) DB:(Req'd) LD:(Opt) PIC:(Opt) PM:(Req'd) TM:(Opt) LYR:(Opt)ON=*;OFF=*REF* SAVED: 9/29/2009 10:24 AM ACADVER: 17.0S (LMS TECH) PAGESETUP: C-LD-NY4P72 HP DESIGNJET T1100 DJ3 PLOTSTYLETABLE: PLTFULL.CTB PLOTTED: 10/1/2009 9:55 AM BY: STOWELL, GARY

G:\ENVCAD\SYRACUSE\ACTIN\00074300002\000003\DWG\00743C06.dwg LAYOUT: 18

XREFS: IMAGES: PROJECTNAME: ----

00743XLD
00743X01

CITY: SYRACUSE DIV/GROUP: 141 DB: G.STOWELL PM: D.LAY LYR:ON=*;OFF=*REF
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XREFS: IMAGES: PROJECTNAME: ----
00743XLD
00743X01

SB-0522	9/20/2005 mg/kg 10-12(ft BGS) Soil
VOC	
Benzene	0.0035 U
Carbon tetrachloride	0.0035 U
Chloroform (Trichloromethane)	0.0035 U
1,1-Dichloroethene	0.0035 U
cis-1,2-Dichloroethene	0.0035 U
trans-1,2-Dichloroethene	0.0035 U
Tetrachloroethene	0.0035 U
1,1,1-Trichloroethane	0.0035 U
Trichloroethene	0.0035 U
Vinyl chloride	0.021
SVOC	
Benzo(a)pyrene	0.37 U
bis(2-Ethylhexyl)phthalate	0.37 U
PCB	
Total PCBs	0.018 U

SB-0533	9/20/2005 mg/kg 0-2(ft BGS) Soil	9/20/2005 mg/kg 8-10(ft BGS) Soil
VOC		
Benzene	0.0045 U	0.0042 UJ
Carbon tetrachloride	0.0045 U	0.0042 UJ
Chloroform (Trichloromethane)	0.0045 U	0.0042 UJ
1,1-Dichloroethene	0.0045 U	0.013 J
cis-1,2-Dichloroethene	0.0045 U	2.6 J
trans-1,2-Dichloroethene	0.0045 U	0.034 J
Tetrachloroethene	0.0045 U	0.0042 UJ
1,1,1-Trichloroethane	0.0045 U	0.0042 UJ
Trichloroethene	0.0045 U	4.6 J
Vinyl chloride	0.0018 U	0.011 J

GP-1	5/3/1999 mg/kg 4-8(ft BGS) Soil
VOC	
Benzene	0.005 U
Carbon tetrachloride	0.005 U
Chloroform (Trichloromethane)	0.005 U
1,1-Dichloroethene	0.005 U
cis-1,2-Dichloroethene	0.005 U
trans-1,2-Dichloroethene	0.005 U
Tetrachloroethene	0.058
1,1,1-Trichloroethane	0.005 U
Trichloroethene	0.013
Vinyl chloride	0.002 U
SVOC	
Benzo(a)pyrene	NS
bis(2-Ethylhexyl)phthalate	NS

SB-19	3/19/1997 mg/kg 2-4(ft BGS) Soil	3/19/1997 mg/kg 16-18(ft BGS) Soil
VOC		
Benzene	0.028 U	0.01 U
Carbon tetrachloride	0.028 U	0.01 U
Chloroform (Trichloromethane)	0.028 U	0.01 U
1,1-Dichloroethene	0.028 U	0.007 J
cis-1,2-Dichloroethene	0.028 U [tot]	0.013 [tot]
trans-1,2-Dichloroethene	NS	NS
Tetrachloroethene	0.57	0.014
1,1,1-Trichloroethane	0.028 U	0.039
Trichloroethene	0.012 J	0.026
Vinyl chloride	0.028 U	0.001 J
SVOC		
Benzo(a)pyrene	0.28 J	0.33 U
bis(2-Ethylhexyl)phthalate	5.2	0.068 J
PCB		
Total PCBs	1.97 J	0.33 U

MW-0507-S1	10/19/2005 mg/l Groundwater	3/27/2006 mg/l Groundwater
VOC		
Benzene	0.005 U	0.005 U
Carbon tetrachloride	0.005 U	0.005 U
Chloroform (Trichloromethane)	0.005 U	0.005 U
1,1-Dichloroethene	0.005 U	0.005 U
cis-1,2-Dichloroethene	0.063	0.31
trans-1,2-Dichloroethene	0.005 U	0.006
Tetrachloroethene	0.005 U	0.005 UJ
1,1,1-Trichloroethane	0.009	0.021
Trichloroethene	0.016	0.052
Vinyl chloride	0.002 U	0.002 U
SVOC		
Benzo(a)pyrene	NS	0.0071 U
bis(2-Ethylhexyl)phthalate	NS	0.0071 U

SB-0520	9/21/2005 mg/kg 0-2(ft BGS) Soil	9/21/2005 mg/kg 4-6(ft BGS) Soil	9/21/2005 mg/kg 8-10(ft BGS) Soil	9/21/2005 mg/kg 14-16(ft BGS) Soil
VOC				
Benzene	0.006 U/0.0061 U	0.0042 U	0.11 U	0.004 U
Carbon tetrachloride	0.006 U/0.0061 U	0.0042 U	0.11 U	0.004 U
Chloroform (Trichloromethane)	0.006 U/0.0061 U	0.0042 U	0.11 U	0.004 U
1,1-Dichloroethene	0.006 U/0.0061 U	0.0042 U	0.36	0.004 U
cis-1,2-Dichloroethene	0.012/0.0068	0.07	1.9	0.004 U
trans-1,2-Dichloroethene	0.006 U/0.0061 U	0.0042 U	0.23	0.004 U
Tetrachloroethene	9024	0.0042 U	0.11 U	0.004 U
1,1,1-Trichloroethane	0.1/0.054	0.02	0.62	0.004 U
Trichloroethene	38/39	0.0048	1.3	0.004 U
Vinyl chloride	0.0024 U/0.0024 U	0.0017 U	0.2	0.0045

SB-0607	2/1/2006 mg/kg 0-2(ft BGS) Soil
VOC	
Benzene	0.0046 U
Carbon tetrachloride	0.0046 U
Chloroform (Trichloromethane)	0.0046 U
1,1-Dichloroethene	0.0046 U
cis-1,2-Dichloroethene	0.07
trans-1,2-Dichloroethene	0.0046 U
Tetrachloroethene	0.0046 U
1,1,1-Trichloroethane	0.0046 U
Trichloroethene	0.0046 U
Vinyl chloride	0.098

SB-18	3/19/1997 mg/kg 4-6(ft BGS) Soil	3/19/1997 mg/kg 19-20(ft BGS) Soil
VOC		
Benzene	0.6 U	0.011 U
Carbon tetrachloride	0.6 U	0.011 U
Chloroform (Trichloromethane)	0.6 U	0.011 U
1,1-Dichloroethene	0.6 U	0.011 U
cis-1,2-Dichloroethene	0.95 [tot]	0.014 [tot]
trans-1,2-Dichloroethene	NS	NS
Tetrachloroethene	19	0.14
1,1,1-Trichloroethane	0.6 U	0.011 U
Trichloroethene	4.7	0.024
Vinyl chloride	0.6 U	0.003 J
SVOC		
Benzo(a)pyrene	0.16 J	0.33 U
bis(2-Ethylhexyl)phthalate	3.1	0.039 J
PCB		
Total PCBs	0.33 U	0.33 U

SB-0606	2/1/2006 mg/kg 0-2(ft BGS) Soil
VOC	
Benzene	0.0049 U
Carbon tetrachloride	0.0049 U
Chloroform (Trichloromethane)	0.0049 U
1,1-Dichloroethene	0.0084
cis-1,2-Dichloroethene	7.9
trans-1,2-Dichloroethene	0.53
Tetrachloroethene	0.13
1,1,1-Trichloroethane	0.0049 U
Trichloroethene	0.21
Vinyl chloride	0.058

SB-15	3/19/1997 mg/kg 4-6(ft BGS) Soil	3/19/1997 mg/kg 14-16(ft BGS) Soil
VOC		
Benzene	0.002 J	0.01 U
Carbon tetrachloride	0.01 U	0.01 U
Chloroform (Trichloromethane)	0.01 U	0.01 U
1,1-Dichloroethene	0.01 U	0.01 U
cis-1,2-Dichloroethene	0.01 U [tot]	0.013 [tot]
trans-1,2-Dichloroethene	NS	NS
Tetrachloroethene	0.002 J	0.01 U
1,1,1-Trichloroethane	0.01 U	0.01 U
Trichloroethene	0.008 J	0.002 J
Vinyl chloride	0.01 U	0.025
SVOC		
Benzo(a)pyrene	0.33 U	0.33 U
bis(2-Ethylhexyl)phthalate	NS	0.33 U
PCB		
Total PCBs	0.33 U	0.33 U

SB-0519	9/21/2005 mg/kg 0-2(ft BGS) Soil	9/21/2005 mg/kg 2-4(ft BGS) Soil	9/21/2005 mg/kg 4-6(ft BGS) Soil	9/21/2005 mg/kg 8-10(ft BGS) Soil
VOC				
Benzene	0.0047 U	0.096 U	0.0043 U/0.048 J	0.0042 U
Carbon tetrachloride	0.0047 U	0.096 U	0.0043 U/0.15 U	0.0042 U
Chloroform (Trichloromethane)	0.0047 U	0.096 U	0.0043 U/0.15 U	0.0042 U
1,1-Dichloroethene	0.0047 U	0.096 U	0.0043 U/0.15 U	0.0042 U
cis-1,2-Dichloroethene	0.0057	0.58	0.0096 J/1.1 J	0.0042 U
trans-1,2-Dichloroethene	0.0047 U	0.084 J	0.0043 U/0.48	0.0042 U
Tetrachloroethene	0.0047 U	0.83	0.0092 J/1.7 J	0.0042 U
1,1,1-Trichloroethane	0.0065	0.21	0.017/0.26 J	0.02 J
Trichloroethene	0.0088	0.44	0.0047 J/0.69 J	0.0052
Vinyl chloride	0.0026	0.024 J	0.016 J/0.14 J	0.028
SVOC				
Benzo(a)pyrene	NS	2 U	NS/NS	NS
bis(2-Ethylhexyl)phthalate	NS	0.97 J	NS/NS	NS
PCB				
Total PCBs	NS	0.21	NS/NS	NS

SB-0617	2/1/2006 mg/kg 0-2(ft BGS) Soil	2/1/2006 mg/kg 14-16(ft BGS) Soil
VOC		
Benzene	0.0052 U	0.0032 U
Carbon tetrachloride	0.0052 U	0.0032 U
Chloroform (Trichloromethane)	0.0052 U	0.0032 U
1,1-Dichloroethene	0.0014 J	0.0032 U
cis-1,2-Dichloroethene	0.0052 U	0.0032 U
trans-1,2-Dichloroethene	0.0052 U	0.0032 U
Tetrachloroethene	0.0029 J	0.0009 J
1,1,1-Trichloroethane	0.24	0.02
Trichloroethene	0.038	0.0053
Vinyl chloride	0.0021 U	0.0017

GP-2	5/3/1999 mg/kg 4-8(ft BGS) Soil
VOC	
Benzene	0.005 U
Carbon tetrachloride	0.005 U
Chloroform (Trichloromethane)	0.005 U
1,1-Dichloroethene	0.005 U
cis-1,2-Dichloroethene	0.005 U
trans-1,2-Dichloroethene	0.005 U
Tetrachloroethene	0.005 U
1,1,1-Trichloroethane	0.005 U
Trichloroethene	0.005 U
Vinyl chloride	0.002 U
SVOC	
Benzo(a)pyrene	16 U
bis(2-Ethylhexyl)phthalate	16 U

SB-0603	2/1/2006 mg/kg 8-10(ft BGS) Soil
VOC	
Benzene	0.0037 U
Carbon tetrachloride	0.0037 U
Chloroform (Trichloromethane)	0.0037 U
1,1-Dichloroethene	0.025
cis-1,2-Dichloroethene	0.0037 U
trans-1,2-Dichloroethene	0.0037 U
Tetrachloroethene	0.0037 U
1,1,1-Trichloroethane	0.0047
Trichloroethene	0.0037 U
Vinyl chloride	0.0017

SB-0516	9/20/2005 mg/kg 0-2(ft BGS) Soil	9/20/2005 mg/kg 4-6(ft BGS) Soil	9/20/2005 mg/kg 8-10(ft BGS) Soil	9/20/2005 mg/kg 10-12(ft BGS) Soil
PCB				
Total PCBs	0.022 U	0.019 U	0.018 U	0.018 U

SB-0517	9/20/2005 mg/kg 0-2(ft BGS) Soil	9/20/2005 mg/kg 2-4(ft BGS) Soil	9/20/2005 mg/kg 8-10(ft BGS) Soil	9/20/2005 mg/kg 10-12(ft BGS) Soil
PCB				
Total PCBs	0.021 U	0.019 U	0.018 U	0.019 U

SB-0518	9/21/2005 mg/kg 0-2(ft BGS) Soil	9/21/2005 mg/kg 2-4(ft BGS) Soil	9/21/2005 mg/kg 8-10(ft BGS) Soil	9/21/2005 mg/kg 12-14(ft BGS) Soil
PCB				
Total PCBs	0.02 U	0.021 U	0.019 U	0.018 U

SB-0515	9/21/2005 mg/kg 0-2(ft BGS) Soil	9/21/2005 mg/kg 2-4(ft BGS) Soil	9/21/2005 mg/kg 8-10(ft BGS) Soil	9/21/2005 mg/kg 12-14(ft BGS) Soil
PCB				
Total PCBs	0.021 U	0.02 U	0.019 U	0.018 U

SB-0521	9/20/2005 mg/kg 0-2(ft BGS) Soil	9/20/2005 mg/kg 8-10(ft BGS) Soil	9/20/2005 mg/kg 14-16(ft BGS) Soil
VOC			
Benzene	0.0049 U	0.005 U	0.1 U
Carbon tetrachloride	0.0049 U	0.005 U	0.1 U
Chloroform (Trichloromethane)	0.0049 U	0.005 U	0.1 U
1,1-Dichloroethene	0.0049 U	0.071	0.34
cis-1,2-Dichloroethene	0.007	0.054	1.2
trans-1,2-Dichloroethene	0.0049 U	0.005 U	0.034 J
Tetrachloroethene	0.0049 U	0.025	0.1 U
1,1,1-Trichloroethane	0.076	12	72
Trichloroethene	0.12	14	270
Vinyl chloride	0.002 U	0.002 U	0.04 U
PCB			
Total PCBs	0.018 U	0.018 U	0.018 U

SB-0604	2/1/2006 mg/kg 14-16(ft BGS) Soil
VOC	
Benzene	0.0044 U
Carbon tetrachloride	0.0044 U
Chloroform (Trichloromethane)	0.002 J
1,1-Dichloroethene	0.17
cis-1,2-Dichloroethene	0.19
trans-1,2-Dichloroethene	0.026
Tetrachloroethene	0.0038 J
1,1,1-Trichloroethane	2.7
Trichloroethene	8
Vinyl chloride	0.006

GP-3	5/3/1999 mg/kg 4-8(ft BGS) Soil
VOC	
Benzene	0.005 U
Carbon tetrachloride	0.005 U
Chloroform (Trichloromethane)	0.005 U
1,1-Dichloroethene	0.005 U
cis-1,2-Dichloroethene	0.005 U
trans-1,2-Dichloroethene	0.005 U
Tetrachloroethene	0.005 U
1,1,1-Trichloroethane	0.005 U
Trichloroethene	0.005 U
Vinyl chloride	0.002 U
SVOC	
Benzo(a)pyrene	0.33 U
bis(2-Ethylhexyl)phthalate	0.33 U

SB-0605	2/1/2006 mg/kg 14-16(ft BGS) Soil
VOC	
Benzene	0.0038 U/0.004 U
Carbon tetrachloride	0.0038 U/0.004 U
Chloroform (Trichloromethane)	0.0038 U/0.004 U
1,1-Dichloroethene	0.0038 U/0.004 U
cis-1,2-Dichloroethene	0.0038 U/0.004 U
trans-1,2-Dichloroethene	0.0038 U/0.004 U
Tetrachloroethene	0.0038 U/0.004 UJ
1,1,1-Trichloroethane	0.0012 J/0.004 U
Trichloroethene	0.0014 J/0.004 U
Vinyl chloride	0.0015 U/0.0035

GP-4	5/3/1999 mg/kg 4-8(ft BGS) Soil
VOC	
Benzene	0.005 U
Carbon tetrachloride	0.005 U
Chloroform (Trichloromethane)	0.005 U
1,1-Dichloroethene	0.005 U
cis-1,2-Dichloroethene	0.005 U
trans-1,2-Dichloroethene	0.005 U
Tetrachloroethene	0.0073
1,1,1-Trichloroethane	0.0052
Trichloroethene	0.0057
Vinyl chloride	0.002 U

SB-14	3/20/1997 mg/kg 2-4(ft BGS) Soil	3/20/1997 mg/kg 8-10(ft BGS) Soil
VOC		
Benzene	0.01 U	0.01 U
Carbon tetrachloride	0.01 U	0.01 U
Chloroform (Trichloromethane)	0.01 U	0.01 U
1,1-Dichloroethene	0.01 U	0.01 U
cis-1,2-Dichloroethene	0.014 [tot]	0.01 U [tot]
trans-1,2-Dichloroethene	NS	NS
Tetrachloroethene	0.11	0.012
1,1,1-Trichloroethane	0.068	0.01 U
Trichloroethene	0.053	0.01 U
Vinyl chloride	0.01 U	0.01 U
SVOC		
Benzo(a)pyrene	0.027 J	0.33 U
bis(2-Ethylhexyl)phthalate	0.09 J	0.041 J
PCB		
Total PCBs	0.33 U	0.33 U

MW-0506-I2	9/29/2005 mg/kg 7-7(ft BGS) Soil	10/19/2005 mg/l Groundwater	3/27/2006 mg/l Groundwater
VOC			
Benzene	0.0032 U	0.005 U	0.005 U
Carbon tetrachloride	0.0032 U	0.005 U	0.005 U
Chloroform (Trichloromethane)	0.0032 U	0.011	0.005 U
1,1-Dichloroethene	0.0032 U	0.005 U	0.005 U
cis-1,2-Dichloroethene	0.0032 U	0.005 U	0.0036 J
trans-1,2-Dichloroethene	0.0032 U	0.005 U	0.005 U
Tetrachloroethene	0.0032 U	0.005 U	0.005 UJ
1,1,1-Trichloroethane	0.0032 U	0.005 U	0.005 U
Trichloroethene	0.0032 U	0.005 U	0.0043 J
Vinyl chloride	0.0013 U	0.002 U	0.002 U
SVOC			
Benzo(a)pyrene	1.9 U	0.0054 U	0.005 U
bis(2-Ethylhexyl)phthalate	1.9 U	0.0054 U	0.005 U
PCB			
Total PCBs	0.019 U	NS	NS

GP-5	5/3/1999 mg/kg 4-8(ft BGS) Soil
VOC	
Benzene	0.005 U
Carbon tetrachloride	0.005 U
Chloroform (Trichloromethane)	0.005 U
1,1-Dichloroethene	0.005 U
cis-1,2-Dichloroethene	0.005 U
trans-1,2-Dichloroethene	0.005 U
Tetrachloroethene	0.005 U
1,1,1-Trichloroethane	0.005 U
Trichloroethene	0.005 U
Vinyl chloride	0.002 U
SVOC	
Benzo(a)pyrene	0.33 U
bis(2-Ethylhexyl)phthalate	0.33 U

MW-0506-S2	10/19/2005 mg/l Groundwater	1/3/2006 mg/l Groundwater	3/27/2006 mg/l Groundwater	6/24/2009 mg/l Groundwater
VOC				
Benzene	0.005 U	0.005 U	0.005 U	0.005 U
Carbon tetrachloride	0.005 U	0.005 U	0.005 U	0.005 U
Chloroform (Trichloromethane)	0.005 U	0.005 U	0.005 U	0.005 U
1,1-Dichloroethene	0.005 U	0.005 U	0.005 U	0.005 U
cis-1,2-Dichloroethene	0.47	0.58	0.62	0.836
trans-1,2-Dichloroethene	0.044	0.048	0.05	0.0805
Tetrachloroethene	0.005 U	0.005 U	0.005 UJ	0.005 U
1,1,1-Trichloroethane	0.005 U	0.005 U	0.005 U	0.005 U
Trichloroethene	0.63	0.65	0.67	0.445
Vinyl chloride	0.002 U	0.002 U	0.002 U	0.0031
SVOC				
Benzo(a)pyrene	NS	NS	0.005 U	NS
bis(2-Ethylhexyl)phthalate	NS	NS	0.005 U	NS

MW-0506-S1	10/19/2005 mg/l Groundwater	1/3/2006 mg/l Groundwater	3/27/2006 mg/l Groundwater	6/24/2009 mg/l Groundwater
VOC				
Benzene	0.005 U	0.005 U	0.005 U/0.005 U	0.005 U
Carbon tetrachloride	0.005 U	0.005 U	0.005 U/0.005 U	0.005 U
Chloroform (Trichloromethane)	0.005 U	0.005 U	0.005 U/0.005 U	0.005 U
1,1-Dichloroethene	0.005 U	0.005 U	0.005 U/0.005 U	0.005 U
cis-1,2-Dichloroethene	0.005 U	0.005 U	0.005 U/0.005 U	0.0139
trans-1,2-Dichloroethene	0.005 U	0.005 U	0.005 U/0.005 U	0.005 U
Tetrachloroethene	0.005 U	0.005 U	0.005 U/0.005 U	0.005 U
1,1,1-Trichloroethane	0.005 U	0.005 U	0.005 U/0.005 U	0.005 U
Trichloroethene	0.005 U	0.005 U	0.005 U/0.005 U	0.0072
Vinyl chloride	0.002 U	0.002 U	0.002 U/0.002 U	0.002 U
SVOC				
Benzo(a)pyrene	0.0059 U	NS	0.0051 U/0.0051 U	NS
bis(2-Ethylhexyl)phthalate	0.0059 U	NS	0.0051 U/0.0051 U	NS

SB-12	3/19/1997 mg/kg 8-10(ft BGS) Soil	3/20/1997 mg/kg 14-16(ft BGS) Soil
VOC		
Benzene	0.056 U	0.01 U
Carbon tetrachloride	0.056 U	0.01 U
Chloroform (Trichloromethane)	0.056 U	0.01 U
1,1-Dichloroethene	0.056 U	0.01 U
cis-1,2-Dichloroethene	0.13 [tot]	0.001 J [tot]
trans-1,2-Dichloroethene	NS	NS
Tetrachloroethene	0.85	0.001 J
1,1,1-Trichloroethane	0.056 U	0.01 U
Trichloroethene	0.11	0.01 U
Vinyl chloride	0.056 U	0.002 J
SVOC		
Benzo(a)pyrene	0.33 U	0.33 U
bis(2-Ethylhexyl)phthalate	0.036 J	0.33 U

NOTE:

1. REFER TO LEGEND SHEET FOR MAP SYMBOLS.

0 100' 200'
GRAPHIC SCALE

MOTORS LIQUIDATION COMPANY
FORMER GM DELCO PLANT 5
KOKOMO, INDIANA
RCRA FACILITY INVESTIGATION REPORT

ORGANIC ANALYTICAL RESULTS AOI 6

ARCADIS

DRAWING 19

MW-0509-I2	10/19/2005 mg/l	3/23/2006 mg/l	11/16/2006 mg/l	11/13/2008 mg/l
	Ground Water	Ground Water	Ground Water	Ground Water
INORG				
Arsenic	0.0296	0.0191	0.00469 J	0.005 U
Arsenic (Dissolved)	0.005 U	0.005 U	NS	NS
Cadmium	0.005 U	0.005 U	0.005 U	0.005 U
Cadmium (Dissolved)	0.005 U	0.005 U	NS	NS
Chromium Total	0.0539	0.0264	0.01 U	0.01 U
Chromium Total (Dissolved)	0.01 U	0.01 U	NS	NS
Lead	0.0296	0.0151	0.005 U	0.01 U
Lead (Dissolved)	0.005 U	0.005 U	NS	NS
Manganese	0.804	0.379	0.0736	0.05 U
Manganese (Dissolved)	0.0749	0.0572	NS	NS
Vanadium	0.0557	0.0293 J	0.05 U	0.05 U
Vanadium (Dissolved)	0.05 U	0.05 U	NS	NS

MW-0509-S1	10/19/2005 mg/l	3/23/2006 mg/l	11/10/2006 mg/l	11/13/2008 mg/l
	Ground Water	Ground Water	Ground Water	Ground Water
INORG				
Arsenic	0.00966/0.00638	0.0238	0.005 U	0.0082
Arsenic (Dissolved)	0.005 U/0.005 U	0.005 U	0.005 U	NS
Cadmium	0.005 U/0.005 U	0.005 U	0.005 U	0.005 U
Cadmium (Dissolved)	0.005 U/0.005 U	0.005 U	0.005 U	NS
Chromium Total	0.0149/0.01 U	0.0423	0.01 U	0.01 U
Chromium Total (Dissolved)	0.01 U/0.01 U	0.01 U	0.01 U	NS
Lead	0.00795/0.005 U	0.0213	0.005 U	0.01 U
Lead (Dissolved)	0.005 U/0.005 U	0.005 U	0.005 U	NS
Manganese	0.57 J/0.285 J	1	0.205	0.203
Manganese (Dissolved)	0.207/0.204	0.187	0.195	NS
Vanadium	0.05 U/0.05 U	0.0534	0.05 U	0.05 U
Vanadium (Dissolved)	0.05 U/0.05 U	0.05 U	0.05 U	NS

MW-0102-S1U	11/15/2004 mg/l	10/20/2005 mg/l	3/22/2006 mg/l	11/16/2006 mg/l	11/13/2008 mg/l
	Ground Water	Ground Water	Ground Water	Ground Water	Ground Water
INORG					
Arsenic	0.0408	0.005 U	0.005 U	0.00455 J	0.005 U
Arsenic (Dissolved)	0.005 U	NS	NS	0.005 U	NS
Cadmium	0.005 U	0.00921	0.00237 J	0.005 U	0.005 U
Cadmium (Dissolved)	0.005 U	NS	NS	0.005 U	NS
Chromium Total	0.0144	0.01 U	0.01 U	0.01 U	0.01 U
Chromium Total (Dissolved)	0.01 U	NS	NS	0.01 U	NS
Lead	0.011	0.005 U	0.005 U	0.005 U	0.01 U
Lead (Dissolved)	0.005 U	NS	NS	0.005 U	NS
Manganese	1.89	0.279	0.393	0.374	0.266
Manganese (Dissolved)	0.291	NS	NS	0.264	NS
Vanadium	0.0175 J	0.05 U	0.05 U	0.05 U	0.05 U
Vanadium (Dissolved)	0.05 U	NS	NS	0.05 U	NS

SB-0629	3/18/2006 mg/kg 0-2(ft BGS) Soil	3/18/2006 mg/kg 8-10(ft BGS) Soil	3/18/2006 mg/kg 14-16(ft BGS) Soil
INORG			
Arsenic	6.83	15	4.73
Cadmium	2.2 U	2.21 U	2.06 U
Chromium Total	11.9	12.9	7.69
Lead	7.41	16.8	4.29
Manganese	373	326	241
Vanadium	20.8	21.1	12.5

SB-0630	3/21/2006 mg/kg 13-13.5(ft BGS) Soil
INORG	
Arsenic	7.7
Cadmium	2.21 U
Chromium Total	18.6
Lead	15.5
Manganese	313
Vanadium	24.7

MW-0505-S2	10/19/2005 mg/l	3/23/2006 mg/l
	Ground Water	Ground Water
INORG		
Arsenic	0.005 U	0.005 U
Arsenic (Dissolved)	0.005 U	NS
Cadmium	0.005 U	0.005 U
Cadmium (Dissolved)	0.005 U	NS
Chromium Total	0.0203	0.01 U
Chromium Total (Dissolved)	0.01 U	NS
Lead	0.005 U	0.005 U
Lead (Dissolved)	0.005 U	NS
Manganese	0.183	0.079
Manganese (Dissolved)	0.111	NS
Vanadium	0.05 U	0.05 U
Vanadium (Dissolved)	0.05 U	NS

MW-0505-S1	10/19/2005 mg/l	3/23/2006 mg/l	11/16/2006 mg/l	11/13/2008 mg/l
	Ground Water	Ground Water	Ground Water	Ground Water
INORG				
Arsenic	0.00871	0.0281	0.00406 J	0.0092
Arsenic (Dissolved)	0.005 U	0.005 U	NS	0.005 U
Cadmium	0.005 U	0.005 U	0.005 U	0.005 U
Cadmium (Dissolved)	0.005 U	0.005 U	NS	0.005 U
Chromium Total	0.0285	0.0675	0.01 U	0.01 U
Chromium Total (Dissolved)	0.01 U	0.01 U	NS	0.01 U
Lead	0.0158	0.0336	0.005 U	0.01 U
Lead (Dissolved)	0.005 U	0.005 U	NS	0.005 U
Manganese	0.757	1.36	0.227	0.27
Manganese (Dissolved)	0.176	0.155	NS	0.16
Vanadium	0.05 U	0.0826	0.05 U	0.05 U
Vanadium (Dissolved)	0.05 U	0.05 U	NS	0.05 U

NOTE:

1. REFER TO LEGEND SHEET FOR MAP SYMBOLS.

0 100' 200'
GRAPHIC SCALE

MOTORS LIQUIDATION COMPANY
FORMER GM DELCO PLANT 5
KOKOMO, INDIANA

RCRA FACILITY INVESTIGATION REPORT

INORGANIC ANALYTICAL RESULTS AOI 7

ARCADIS

DRAWING 20

CITY:(Reqd) DIV/GROUP:(Reqd) DB:(Reqd) LD:(Opt) PIC:(Opt) PM:(Reqd) TM:(Opt) LYR:(Opt)ON=*;OFF=*REF*
G:\ENVCAD\SYRACUSE\ACTIN\00074300020000300003\DWG\00743C08.dwg LAYOUT: 20 SAVED: 9/29/2009 10:24 AM ACADVER: 17.0S (LMS TECH) PAGESETUP: C-LD-NY4P72 HP DESIGNJET T1100 DJ3 PLOTSTYLETABLE: PLTFULL.CTB PLOTTED: 10/1/2009 9:55 AM BY: STOWELL, GARY
XREFS:
00743XLD
00743X01
IMAGES:
PROJECTNAME: ----

SB-0526	9/13/2005 mg/kg 0-2(ft BGS) Soil	9/13/2005 mg/kg 2-4(ft BGS) Soil	9/13/2005 mg/kg 8-10(ft BGS) Soil	9/13/2005 mg/kg 12-14(ft BGS) Soil
VOC				
Benzene	0.0047 U	0.0048 U	0.0046 U	0.0046 U
Carbon tetrachloride	0.0047 U	0.0048 U	0.0046 U	0.0046 U
Chloroform (Trichloromethane)	0.0047 U	0.0048 U	0.0046 U	0.0046 U
1,1-Dichloroethene	0.0047 U	0.0048 U	0.0046 U	0.0046 U
cis-1,2-Dichloroethene	0.0047 U	0.0048 U	0.013	0.17
trans-1,2-Dichloroethene	0.0047 U	0.0048 U	0.0046 U	0.0032 J
Tetrachloroethene	0.0047 U	0.0048 U	0.0046 U	0.0046 U
1,1,1-Trichloroethane	0.0047 U	0.0048 U	0.0055	0.0046 U
Trichloroethene	0.0047 U	0.065	83	0.0046 U
Vinyl chloride	0.0019 U	0.0019 U	0.0019 U	0.0052

SB-0523	9/13/2005 mg/kg 0-2(ft BGS) Soil	9/13/2005 mg/kg 4-6(ft BGS) Soil	9/13/2005 mg/kg 8-10(ft BGS) Soil	9/13/2005 mg/kg 14-16(ft BGS) Soil
VOC				
Benzene	0.0049 U	0.0055 U	0.0045 U/0.0047 U	0.004 U
Carbon tetrachloride	0.0049 U	0.0055 U	0.0045 U/0.0047 U	0.004 U
Chloroform (Trichloromethane)	0.0049 U	0.0055 U	0.0045 U/0.0025 J	0.004 U
1,1-Dichloroethene	0.0049 U	0.0055 U	0.0045 U/0.0047 U	0.004 U
cis-1,2-Dichloroethene	0.0049 U	0.0055 U	0.0045 U/0.0047 U	0.004 U
trans-1,2-Dichloroethene	0.0049 U	0.0055 U	0.0045 U/0.0047 U	0.004 U
Tetrachloroethene	0.0049 U	0.0055 U	0.0045 U/0.0047 U	0.004 U
1,1,1-Trichloroethane	0.0049 U	0.0055 U	0.0045 U/0.0047 U	0.004 U
Trichloroethene	0.0049 U	0.0055 U	0.07/0.15	0.004 U
Vinyl chloride	0.002 U	0.0022 U	0.0018 U/0.0019 U	0.0016 U

SB-0524	9/13/2005 mg/kg 0-2(ft BGS) Soil	9/13/2005 mg/kg 8-10(ft BGS) Soil	9/13/2005 mg/kg 18-20(ft BGS) Soil
VOC			
Benzene	0.0045 U	0.0038 U	0.0039 U
Carbon tetrachloride	0.0045 U	0.0038 U	0.0039 U
Chloroform (Trichloromethane)	0.0045 U	0.0038 U	0.0039 U
1,1-Dichloroethene	0.0045 U	0.0038 U	0.0039 U
cis-1,2-Dichloroethene	0.0032 J	0.0038 U	0.0039 U
trans-1,2-Dichloroethene	0.0045 U	0.0038 U	0.0039 U
Tetrachloroethene	0.0045 U	0.0038 U	0.0039 U
1,1,1-Trichloroethane	0.0045 U	0.0038 U	0.0039 U
Trichloroethene	0.0045 U	0.0038 U	0.0039 U
Vinyl chloride	0.0018 U	0.0015 U	0.0015 U

MW-0509-I2	10/19/2005 mg/l Groundwater	3/23/2006 mg/l Groundwater
VOC		
Benzene	0.005 U/0.005 U	0.005 U
Carbon tetrachloride	0.005 U/0.005 U	0.005 U
Chloroform (Trichloromethane)	0.005 U/0.005 U	0.005 U
1,1-Dichloroethene	0.005 U/0.005 U	0.005 U
cis-1,2-Dichloroethene	0.005 U/0.005 U	0.005 U
trans-1,2-Dichloroethene	0.005 U/0.005 U	0.005 U
Tetrachloroethene	0.005 U/0.005 U	0.005 UJ
1,1,1-Trichloroethane	0.005 U/0.005 U	0.005 U
Trichloroethene	0.005 U/0.005 U	0.005 U
Vinyl chloride	0.002 U/0.002 U	0.002 U

MW-0509-S1	10/19/2005 mg/l Groundwater	3/23/2006 mg/l Groundwater	6/24/2009 mg/l Groundwater
VOC			
Benzene	NS/0.005 U	0.005 U	0.005 U
Carbon tetrachloride	NS/0.005 U	0.005 U	0.005 U
Chloroform (Trichloromethane)	NS/0.005 U	0.005 U	0.005 U
1,1-Dichloroethene	NS/0.005 U	0.005 U	0.005 U
cis-1,2-Dichloroethene	NS/0.005 U	0.005 U	0.005 U
trans-1,2-Dichloroethene	NS/0.005 U	0.005 U	0.005 U
Tetrachloroethene	NS/0.005 U	0.005 UJ	0.005 U
1,1,1-Trichloroethane	NS/0.005 U	0.005 U	0.005 U
Trichloroethene	NS/0.005 U	0.005 U	0.005 U
Vinyl chloride	NS/0.002 U	0.002 U	0.002 U

GP-20	5/5/1999 mg/kg 4-8(ft BGS) Soil
VOC	
Benzene	0.005 U
Carbon tetrachloride	0.005 U
Chloroform (Trichloromethane)	0.005 U
1,1-Dichloroethene	0.005 U
cis-1,2-Dichloroethene	0.005 U
trans-1,2-Dichloroethene	0.005 U
Tetrachloroethene	0.005 U
1,1,1-Trichloroethane	0.005 U
Trichloroethene	0.005 U
Vinyl chloride	0.002 U

SB-0614	1/30/2006 mg/kg 8-10(ft BGS) Soil	1/30/2006 mg/kg 10-12(ft BGS) Soil
VOC		
Benzene	0.0041 UJ	0.0039 UJ
Carbon tetrachloride	0.0041 UJ	0.0039 UJ
Chloroform (Trichloromethane)	0.0014 J	0.0039 UJ
1,1-Dichloroethene	0.0041 UJ	0.0039 UJ
cis-1,2-Dichloroethene	0.082 J	0.14 J
trans-1,2-Dichloroethene	0.0033 J	0.014 J
Tetrachloroethene	0.0041 UJ	R
1,1,1-Trichloroethane	0.0012 J	0.0039 UJ
Trichloroethene	3.9	0.02 J
Vinyl chloride	0.0016 UJ	0.0016 UJ

SB-0628	1/30/2006 mg/kg 8-10(ft BGS) Soil
VOC	
Benzene	0.0074 U
Carbon tetrachloride	0.0074 U
Chloroform (Trichloromethane)	0.0074 U
1,1-Dichloroethene	0.0074 U
cis-1,2-Dichloroethene	0.0074 U
trans-1,2-Dichloroethene	0.0074 U
Tetrachloroethene	0.0028 J
1,1,1-Trichloroethane	0.0074 U
Trichloroethene	0.13
Vinyl chloride	0.003 U

SB-0528	9/14/2005 mg/kg 0-2(ft BGS) Soil	9/14/2005 mg/kg 8-10(ft BGS) Soil	9/14/2005 mg/kg 10-12(ft BGS) Soil
VOC			
Benzene	0.0046 U	0.0043 U	0.0039 U
Carbon tetrachloride	0.0046 U	0.0043 U	0.0039 U
Chloroform (Trichloromethane)	0.0046 U	0.0011 J	0.0028 J
1,1-Dichloroethene	0.0046 U	0.0043 U	0.0039 U
cis-1,2-Dichloroethene	0.0046 U	0.0036 J	0.041
trans-1,2-Dichloroethene	0.0046 U	0.0043 U	0.0057
Tetrachloroethene	0.0046 U	0.0043 U	0.0039 U
1,1,1-Trichloroethane	0.0046 U	0.002 J	0.0015 J
Trichloroethene	0.0046 U	9.4	7.4
Vinyl chloride	0.0019 U	0.0017 U	0.0016 U

GP-17	5/5/1999 mg/kg 4-8(ft BGS) Soil
VOC	
Benzene	0.005 U
Carbon tetrachloride	0.005 U
Chloroform (Trichloromethane)	0.005 U
1,1-Dichloroethene	0.005 U
cis-1,2-Dichloroethene	0.005 U
trans-1,2-Dichloroethene	0.005 U
Tetrachloroethene	0.005 U
1,1,1-Trichloroethane	0.005 U
Trichloroethene	0.094
Vinyl chloride	0.002 U

MW-0102-S1U	6/22/2001 mg/l Groundwater	11/15/2004 mg/l Groundwater	10/20/2005 mg/l Groundwater	3/22/2006 mg/l Groundwater
VOC				
Benzene	NS/NS	0.005 U	0.005 U	0.005 U
Carbon tetrachloride	0.05 U/0.05 U	0.005 U	0.005 U	0.005 U
Chloroform (Trichloromethane)	0.2 U/0.2 U	0.005 U	0.005 U	0.005 U
1,1-Dichloroethene	0.05 U/0.05 U	0.005 U	0.0051	0.0045 J
cis-1,2-Dichloroethene	0.36/0.34	0.77	0.77	1
trans-1,2-Dichloroethene	0.05 U/0.05 U	0.074	0.068	0.088
Tetrachloroethene	0.05 U/0.05 U	0.005 U	0.005 U	0.005 U
1,1,1-Trichloroethane	0.05 U/0.05 U	0.005 U	0.005 U	0.005 U
Trichloroethene	0.41/0.37	4.8	3.8	4.8
Vinyl chloride	0.02 U/0.02 U	0.037	0.021	0.021
SVOC				
Benzo(a)pyrene	NS/NS	0.0001 UJ	NS	NS
bis(2-Ethylhexyl)phthalate	NS/NS	0.0051 U	NS	NS

SB-0527	9/14/2005 mg/kg 0-2(ft BGS) Soil	9/14/2005 mg/kg 8-10(ft BGS) Soil	9/14/2005 mg/kg 12-14(ft BGS) Soil
VOC			
Benzene	0.0049 U	0.0022 U	0.004 U
Carbon tetrachloride	0.0049 U	0.0022 U	0.004 U
Chloroform (Trichloromethane)	0.0049 U	0.0016 J	0.004 U
1,1-Dichloroethene	0.0049 U	0.0022 U	0.004 U
cis-1,2-Dichloroethene	0.0049 U	0.0032	0.004 U
trans-1,2-Dichloroethene	0.0049 U	0.0022 U	0.004 U
Tetrachloroethene	0.0049 U	0.0022 U	0.004 U
1,1,1-Trichloroethane	0.0049 U	0.0022 U	0.004 U
Trichloroethene	0.0049 U	2.4	0.004 U
Vinyl chloride	0.002 U	0.00088 U	0.0016 U

SB-0529	9/14/2005 mg/kg 0-2(ft BGS) Soil	9/14/2005 mg/kg 8-10(ft BGS) Soil	9/14/2005 mg/kg 16-18(ft BGS) Soil	9/14/2005 mg/kg 18.5-18.8(ft BGS) Soil
VOC				
Benzene	0.0052 U	0.0056 U	0.0045 U	0.0033 U
Carbon tetrachloride	0.0052 U	0.0056 U	0.0045 U	0.0033 U
Chloroform (Trichloromethane)	0.0052 U	0.0056 U	0.0045 U	0.0033 U
1,1-Dichloroethene	0.0052 U	0.0056 U	0.0045 U	0.0033 U
cis-1,2-Dichloroethene	0.0052 U	0.0056 U	0.0045 U	0.0033 U
trans-1,2-Dichloroethene	0.0052 U	0.0056 U	0.0045 U	0.0033 U
Tetrachloroethene	0.0052 U	0.0056 U	0.0045 U	0.0033 U
1,1,1-Trichloroethane	0.0052 U	0.0056 U	0.0045 U	0.0033 U
Trichloroethene	0.0052 U	0.0056 U	0.0045 U	0.0033 U
Vinyl chloride	0.0021 U	0.0022 U	0.0018 U	0.0013 U

SB-0615	1/30/2006 mg/kg 8-10(ft BGS) Soil	1/30/2006 mg/kg 10-12(ft BGS) Soil
VOC		
Benzene	0.0041 U	0.0043 U
Carbon tetrachloride	0.0041 U	0.0043 U
Chloroform (Trichloromethane)	0.0029 J	0.0043 U
1,1-Dichloroethene	0.0041 U	0.0043 U
cis-1,2-Dichloroethene	0.0041 U	0.0043 U
trans-1,2-Dichloroethene	0.0041 U	0.0043 U
Tetrachloroethene	0.0041 U	0.0043 U
1,1,1-Trichloroethane	0.0041 U	0.0043 U
Trichloroethene	0.012	0.0043 U
Vinyl chloride	0.0016 U	0.0017 U

SB-0629	3/18/2006 mg/kg 0-2(ft BGS) Soil	3/18/2006 mg/kg 8-10(ft BGS) Soil	3/18/2006 mg/kg 14-16(ft BGS) Soil
SVOC			
Benzo(a)pyrene	0.37 U	0.37 U	0.35 U
bis(2-Ethylhexyl)phthalate	0.37 U	0.37 U	0.35 U
PCB			
Total PCBs	0.018 U	0.019 U	0.018 U

SB-0630	3/21/2006 mg/kg 13-13.5(ft BGS) Soil
VOC	
Benzene	0.0042 U
Carbon tetrachloride	0.0042 U
Chloroform (Trichloromethane)	0.0042 U
1,1-Dichloroethene	0.0042 U
cis-1,2-Dichloroethene	0.057
trans-1,2-Dichloroethene	0.0042 U
Tetrachloroethene	0.0042 UJ
1,1,1-Trichloroethane	0.0042 U
Trichloroethene	0.083
Vinyl chloride	0.014
SVOC	
Benzo(a)pyrene	1.9 U
bis(2-Ethylhexyl)phthalate	1.9 U
PCB	
Total PCBs	0.019 U

SB-0531	9/15/2005 mg/kg 0-2(ft BGS) Soil	9/15/2005 mg/kg 8-10(ft BGS) Soil
VOC		
Benzene	0.0048 U	0.004 U
Carbon tetrachloride	0.0048 U	0.004 U
Chloroform (Trichloromethane)	0.0048 U	0.004 U
1,1-Dichloroethene	0.0048 U	0.004 U
cis-1,2-Dichloroethene	0.0048 U	0.004 U
trans-1,2-Dichloroethene	0.0048 U	0.004 U
Tetrachloroethene	0.0048 U	0.004 U
1,1,1-Trichloroethane	0.0048 U	0.004 U
Trichloroethene	0.0048 U	0.1
Vinyl chloride	0.0019 U	0.0016 U

SB-0532	9/16/2005 mg/kg 0-2(ft BGS) Soil	9/16/2005 mg/kg 8-10(ft BGS) Soil	9/16/2005 mg/kg 14-16(ft BGS) Soil
VOC			
Benzene	0.0041 U	0.0048 U	0.0046 U
Carbon tetrachloride	0.0041 U	0.0048 U	0.0046 U
Chloroform (Trichloromethane)	0.0041 U	0.0048 U	0.0046 U
1,1-Dichloroethene	0.0041 U	0.0048 U	0.0046 U
cis-1,2-Dichloroethene	0.0041 U	0.0048 U	0.0029 J
trans-1,2-Dichloroethene	0.0041 U	0.0048 U	0.0046 U
Tetrachloroethene	0.0041 U	0.0048 U	0.0046 U
1,1,1-Trichloroethane	0.0041 U	0.0048 U	0.0046 U
Trichloroethene	0.0041 U	0.0048 U	0.057
Vinyl chloride	0.0017 U	0.015	0.0018 U

MW-0505-B1	11/13/2006 mg/l Groundwater	11/13/2008 mg/l Groundwater
VOC		
Benzene	0.005 U	0.005 U
Carbon tetrachloride	0.005 U	0.005 U
Chloroform (Trichloromethane)	0.005 U	0.005 U
1,1-Dichloroethene	0.005 U	0.005 U
cis-1,2-Dichloroethene	0.005 U	0.005 U
trans-1,2-Dichloroethene	0.005 U	0.005 U
Tetrachloroethene	0.005 U	0.005 U
1,1,1-Trichloroethane	0.005 U	0.005 U
Trichloroethene	0.005 U	0.005 U
Vinyl chloride	0.002 U	0.002 U

SB-0525	9/14/2005 mg/kg 0-2(ft BGS) Soil	9/14/2005 mg/kg 8-10(ft BGS) Soil	9/14/2005 mg/kg 12-14(ft BGS) Soil	9/14/2005 mg/kg 18-20(ft BGS) Soil
VOC				
Benzene	0.0044 U	0.0045 U	0.0038 U	0.0042 U
Carbon tetrachloride	0.0044 U	0.0045 U	0.0038 U	0.0042 U
Chloroform (Trichloromethane)	0.0044 U	0.0055	0.0038 U	0.0042 U
1,1-Dichloroethene	0.0044 U	0.036	0.0038 U	0.0042 U
cis-1,2-Dichloroethene	0.1	41	0.67 J	0.0042 U
trans-1,2-Dichloroethene	0.0044 U	0.15	0.0049 J	0.0042 U
Tetrachloroethene	0.0044 U	0.0037 J	0.0038 UJ	0.0042 U
1,1,1-Trichloroethane	0.0044 U	0.0045 U	0.0038 U	0.0042 U
Trichloroethene	2.2	53	2 J	0.0042 U
Vinyl chloride	0.0018 U	0.66	0.0049 J	0.0017 U

SB-0530	9/15/2005 mg/kg 0-2(ft BGS) Soil	9/15/2005 mg/kg 8-10(ft BGS) Soil	9/15/2005 mg/kg 19-21(ft BGS) Soil
VOC			
Benzene	0.005 U/0.0044 U	0.004 U	0.094 U
Carbon tetrachloride	0.005 U/0.0044 U	0.004 U	0.094 U
Chloroform (Trichloromethane)	0.005 U/0.0044 U	0.004 U	0.094 U
1,1-Dichloroethene	0.005 U/0.0044 U	0.004 U	0.094 U
cis-1,2-Dichloroethene	0.005 U/0.0044 U	0.004 U	0.094 U
trans-1,2-Dichloroethene	0.005 U/0.0044 U	0.004 U	0.094 U
Tetrachloroethene	0.005 U/0.0044 U	0.004 U	0.094 U
1,1,1-Trichloroethane	0.005 U/0.0044 U	0.004 U	0.094 U
Trichloroethene	0.005 U/0.0044 U	0.004 U	0.028 J
Vinyl chloride	0.002 U/0.0018 U	0.0016 U	0.038 U

MW-0505-S2	10/19/2005 mg/l Groundwater	3/23/2006 mg/l Groundwater	6/24/2009 mg/l Groundwater
VOC			
Benzene	0.005 U	0.005 U	0.005 U
Carbon tetrachloride	0.005 U	0.005 U	0.005 U
Chloroform (Trichloromethane)	0.005 U	0.005 U	0.005 U
1,1-Dichloroethene	0.005 U	0.005 U	0.005 U
cis-1,2-Dichloroethene	0.005 U	0.005 U	0.005 U
trans-1,2-Dichloroethene	0.005 U	0.005 U	0.005 U
Tetrachloroethene	0.005 U	0.005 U	0.005 U
1,1,1-Trichloroethane	0.005 U	0.005 U	0.005 U
Trichloroethene	0.005 U	0.005 U	0.005 U
Vinyl chloride	0.002 U	0.002 U	0.002 U
SVOC			
Benzo(a)pyrene	0.0052 U	0.005 U	NS
bis(2-Ethylhexyl)phthalate	0.0052 U	0.005 U	NS

MW-0505-S1	10/19/2005 mg/l Groundwater	3/23/2006 mg/l Groundwater	6/24/2009 mg/l Groundwater
VOC			
Benzene	0.005 U/0.005 U	0.005 U	0.005 U
Carbon tetrachloride	0.005 U/0.005 U	0.005 U	0.005 U
Chloroform (Trichloromethane)	0.005 U/0.005 U	0.005 U	0.005 U
1,1-Dichloroethene	0.005 U/0.005 U	0.005 U	0.005 U
cis-1,2-Dichloroethene	0.024/0.025	0.019	0.0079 J
trans-1,2-Dichloroethene	0.005 U/0.005 U	0.005 U	0.005 U
Tetrachloroethene	0.005 U/0.005 U	0.005 U	0.005 U
1,1,1-Trichloroethane	0.005 U/0.005 U	0.005 U	0.005 U
Trichloroethene	0.029/0.031	0.006	0.005 U
Vinyl chloride	0.002 U/0.002 U	0.002 U	0.002 U
SVOC			
Benzo(a)pyrene	0.0056 U/0.0056 U	0.0051 U	NS
bis(2-Ethylhexyl)phthalate	0.0056 U/0.0056 U	0.0051 U	NS

NOTE:

1. REFER TO LEGEND SHEET FOR MAP SYMBOLS.

0 100' 200'
GRAPHIC SCALE

MOTORS LIQUIDATION COMPANY
FORMER GM DELCO PLANT 5
KOKOMO, INDIANA

RCRA FACILITY INVESTIGATION REPORT

ORGANIC ANALYTICAL RESULTS AOI 7

ARCADIS

DRAWING 21

CITY: SYRACUSE DIV/GROUP: 141 DB: G.STOWELL PM: D.LAY LYR:ON=*;OFF=*REF
G:\ENVCAD\SYRACUSE\ACTIN\00074300\02000003\DWG\00743C09.dwg LAYOUT: 21 SAVED: 9/29/2009 10:23 AM ACADVER: 17.0S (LMS TECH) PAGESETUP: C-LD-NY4P72 HP DESIGNJET T1100 DJ3 PLOTSTYLETABLE: PLTFULL.CTB PLOTTED: 10/1/2009 9:55 AM BY: STOWELL, GARY
PROJECTNAME:---
IMAGES:
XREFS:
00743XLD
00743X01

CITY: SYRACUSE DIV/GROUP: 141 DB: G.STOWELL PM: D.LAY LYR:ON=*;OFF=*REF
G:\ENVCAD\SYRACUSE\ACTIN00074300020000003\DWG\00743C10.dwg LAYOUT: 22 SAVED: 9/29/2009 10:23 AM ACADVER: 17.0S (LMS TECH) PAGESETUP: C-LD-NY4P72 HP DESIGNJET T1100 DJ3 PLOTSTYLETABLE: PLTFULL.CTB PLOTTED: 10/1/2009 9:55 AM BY: STOWELL, GARY
XREFS: 00743XLD 00743X01 IMAGES: PROJECTNAME: ----

SB-0545	10/7/2005 mg/kg 15-15(ft BGS) Soil
VOC	
Benzene	0.0035 U
Carbon tetrachloride	0.0035 U
Chloroform (Trichloromethane)	0.0035 U
1,1-Dichloroethene	0.0035 U
cis-1,2-Dichloroethene	0.0035 U
trans-1,2-Dichloroethene	0.0035 U
Tetrachloroethene	0.0035 U
1,1,1-Trichloroethane	0.0035 U
Trichloroethene	0.0035 U
Vinyl chloride	0.0014 U

MW-0704-S1	11/13/2008 mg/l Groundwater	6/25/2009 mg/l Groundwater
VOC		
Benzene	0.005 U	0.005 U
Carbon tetrachloride	0.005 U	0.005 U
Chloroform (Trichloromethane)	0.005 U	0.005 U
1,1-Dichloroethene	0.005 U	0.005 U
cis-1,2-Dichloroethene	0.408	0.571
trans-1,2-Dichloroethene	0.0718	0.103
Tetrachloroethene	0.005 U	0.005 U
1,1,1-Trichloroethane	0.005 U	0.005 U
Trichloroethene	1.37	1.2
Vinyl chloride	0.002 U	0.0056

SB-0601	2/9/2006 mg/l Borehole Water
VOC	
Benzene	0.005 U/0.005 U
Carbon tetrachloride	0.005 U/0.005 U
Chloroform (Trichloromethane)	0.005 U/0.005 U
1,1-Dichloroethene	0.0018 J/0.0025 J
cis-1,2-Dichloroethene	0.54/0.55
trans-1,2-Dichloroethene	0.052/0.078
Tetrachloroethene	0.005 U/0.005 U
1,1,1-Trichloroethane	0.0014 J/0.0012 J
Trichloroethene	1.1 J/1.9 J
Vinyl chloride	0.01/0.01

MW-0606-S1	3/23/2006 mg/l Groundwater	11/6/2006 mg/l Groundwater
VOC		
Benzene	0.005 U	0.005 U
Carbon tetrachloride	0.005 U	0.005 U
Chloroform (Trichloromethane)	0.005 U	0.005 U
1,1-Dichloroethene	0.005 U	0.005 U
cis-1,2-Dichloroethene	0.23	0.21
trans-1,2-Dichloroethene	0.042	0.043
Tetrachloroethene	0.005 UJ	0.005 U
1,1,1-Trichloroethane	0.005 U	0.005 U
Trichloroethene	0.97	0.77
Vinyl chloride	0.002 U	0.001 J

MW-0618-S1	11/13/2006 mg/l Groundwater	11/12/2008 mg/l Groundwater
VOC		
Benzene	0.005 U	0.005 U
Carbon tetrachloride	0.005 U	0.005 U
Chloroform (Trichloromethane)	0.005 U	0.005 U
1,1-Dichloroethene	0.005 U	0.005 U
cis-1,2-Dichloroethene	0.005 U	0.005 U
trans-1,2-Dichloroethene	0.005 U	0.005 U
Tetrachloroethene	0.005 U	0.005 U
1,1,1-Trichloroethane	0.005 U	0.005 U
Trichloroethene	0.005 U	0.005 U
Vinyl chloride	0.002 U	0.002 U

MW-0606-S2	3/23/2006 mg/l Groundwater	11/6/2006 mg/l Groundwater	6/26/2009 mg/l Groundwater
VOC			
Benzene	0.005 U	0.005 U	0.005 U
Carbon tetrachloride	0.005 U	0.005 U	0.005 U
Chloroform (Trichloromethane)	0.005 U	0.005 U	0.005 U
1,1-Dichloroethene	0.005 U	0.005 U	0.005 U
cis-1,2-Dichloroethene	0.0018 J	0.0072 U	0.245
trans-1,2-Dichloroethene	0.005 U	0.005 U	0.0509
Tetrachloroethene	0.005 UJ	0.005 U	0.005 U
1,1,1-Trichloroethane	0.005 U	0.005 U	0.005 U
Trichloroethene	0.0028 J	0.0023 J	0.39
Vinyl chloride	0.002 U	0.002 U	0.002 U

MW-0613-S1	11/10/2006 mg/l Groundwater	11/12/2008 mg/l Groundwater
VOC		
Benzene	0.005 U	0.005 U
Carbon tetrachloride	0.005 UJ	0.005 U
Chloroform (Trichloromethane)	0.005 U	0.005 U
1,1-Dichloroethene	0.005 U	0.005 U
cis-1,2-Dichloroethene	0.005 U	0.005 U
trans-1,2-Dichloroethene	0.005 U	0.005 U
Tetrachloroethene	0.005 U	0.005 U
1,1,1-Trichloroethane	0.005 U	0.005 U
Trichloroethene	0.005 U	0.005 U
Vinyl chloride	0.002 U	0.002 U

MW-0612-S2	11/10/2006 mg/l Groundwater	3/7/2007 mg/l Groundwater	6/25/2009 mg/l Groundwater	6/25/2009 mg/l (PDB) Groundwater
VOC				
Benzene	0.005 U	0.005 U	0.005 U	0.005 U
Carbon tetrachloride	0.005 U	0.005 U	0.005 U	0.005 U
Chloroform (Trichloromethane)	0.005 U	0.005 U	0.005 U	0.005 U
1,1-Dichloroethene	0.005 U	0.005 U	0.005 U	0.005 U
cis-1,2-Dichloroethene	0.36	0.827	1.44	1.36
trans-1,2-Dichloroethene	0.13	0.16	0.199	0.183
Tetrachloroethene	0.005 U	0.005 U	0.005 U	0.005 U
1,1,1-Trichloroethane	0.005 U	0.005 U	0.005 U	0.005 U
Trichloroethene	1.4	1.32	0.353	0.268
Vinyl chloride	0.002 U	0.002 U	0.002 U	0.002 U

MW-0607-S2	3/7/2007 mg/l Groundwater	11/12/2008 mg/l Groundwater
VOC		
Benzene	0.005 U	0.005 U
Carbon tetrachloride	0.005 U	0.005 U
Chloroform (Trichloromethane)	0.005 U	0.005 U
1,1-Dichloroethene	0.005 U	0.005 U
cis-1,2-Dichloroethene	0.005 U	0.005 U
trans-1,2-Dichloroethene	0.005 U	0.005 U
Tetrachloroethene	0.005 U	0.005 U
1,1,1-Trichloroethane	0.005 U	0.005 U
Trichloroethene	0.005 U	0.005 U
Vinyl chloride	0.002 U	0.002 U

SB-0540	10/6/2005 mg/l Borehole Water
VOC	
Benzene	0.005 U
Carbon tetrachloride	0.005 U
Chloroform (Trichloromethane)	0.005 U
1,1-Dichloroethene	0.005 U
cis-1,2-Dichloroethene	0.005 U
trans-1,2-Dichloroethene	0.005 U
Tetrachloroethene	0.005 U
1,1,1-Trichloroethane	0.005 U
Trichloroethene	0.005 U
Vinyl chloride	0.002 U

MW-0607-S1	3/24/2006 mg/l Groundwater	11/6/2006 mg/l Groundwater	6/25/2009 mg/l Groundwater
VOC			
Benzene	0.005 U	0.005 U	0.005 U
Carbon tetrachloride	0.005 U	0.005 U	0.005 U
Chloroform (Trichloromethane)	0.005 U	0.005 U	0.005 U
1,1-Dichloroethene	0.005 U	0.005 U	0.005 U
cis-1,2-Dichloroethene	0.005 U	0.005 U	0.005 U
trans-1,2-Dichloroethene	0.005 U	0.005 U	0.005 U
Tetrachloroethene	0.005 UJ	0.005 U	0.005 U
1,1,1-Trichloroethane	0.005 U	0.005 U	0.005 U
Trichloroethene	0.005 U	0.005 U	0.005 U
Vinyl chloride	0.002 U	0.002 U	0.002 U

MW-0607-B1	11/12/2008 mg/l Groundwater	6/25/2009 mg/l Groundwater
VOC		
Benzene	0.005 U	0.005 U
Carbon tetrachloride	0.005 U	0.005 U
Chloroform (Trichloromethane)	0.005 U	0.005 U
1,1-Dichloroethene	0.005 U	0.005 U
cis-1,2-Dichloroethene	0.005 U	0.005 U
trans-1,2-Dichloroethene	0.005 U	0.005 U
Tetrachloroethene	0.005 U	0.005 U
1,1,1-Trichloroethane	0.005 U	0.005 U
Trichloroethene	0.005 U	0.005 U
Vinyl chloride	0.002 U	0.002 U

MW-0516-S1	10/19/2005 mg/l Groundwater	3/23/2006 mg/l Groundwater	6/25/2009 mg/l Groundwater	6/25/2009 mg/l (PDB) Groundwater
VOC				
Benzene	0.005 U	0.005 U	0.005 U	0.005 U
Carbon tetrachloride	0.005 U	0.005 U	0.005 U	0.005 U
Chloroform (Trichloromethane)	0.005 U	0.005 U	0.005 U	0.005 U
1,1-Dichloroethene	0.005 U	0.005 U	0.005 U	0.005 U
cis-1,2-Dichloroethene	0.005 U	0.005 U	0.005 U	0.005 U
trans-1,2-Dichloroethene	0.005 U	0.005 U	0.005 U	0.005 U
Tetrachloroethene	0.005 U	0.005 UJ	0.005 U	0.005 U
1,1,1-Trichloroethane	0.005 U	0.005 U	0.005 U	0.005 U
Trichloroethene	0.005 U	0.005 U	0.005 U	0.005 U
Vinyl chloride	0.002 U	0.002 U	0.002 U	0.002 U

SB-0543	10/7/2005 mg/l Borehole Water
VOC	
Benzene	0.005 U
Carbon tetrachloride	0.005 U
Chloroform (Trichloromethane)	0.005 U
1,1-Dichloroethene	0.005 U
cis-1,2-Dichloroethene	0.005 U
trans-1,2-Dichloroethene	0.005 U
Tetrachloroethene	0.005 U
1,1,1-Trichloroethane	0.005 U
Trichloroethene	0.005 U
Vinyl chloride	0.002 U

MW-0516-S2	10/20/2005 mg/l Groundwater	3/23/2006 mg/l Groundwater	6/25/2009 mg/l Groundwater
VOC			
Benzene	0.005 U	0.005 U	0.005 U
Carbon tetrachloride	0.005 U	0.005 U	0.005 U
Chloroform (Trichloromethane)	0.005 U	0.005 U	0.005 U
1,1-Dichloroethene	0.005 U	0.005 U	0.005 U
cis-1,2-Dichloroethene	0.005 U	0.005 U	0.005 U
trans-1,2-Dichloroethene	0.005 U	0.005 U	0.005 U
Tetrachloroethene	0.005 U	0.005 UJ	0.005 U
1,1,1-Trichloroethane	0.005 U	0.005 U	0.005 U
Trichloroethene	0.005 U	0.005 U	0.005 U
Vinyl chloride	0.002 U	0.002 U	0.002 U

MW-0705-S1	11/13/2008 mg/l Groundwater	6/26/2009 mg/l Groundwater	6/26/2009 mg/l (PDB) Groundwater
VOC			
Benzene	0.005 U	0.005 U	0.005 U
Carbon tetrachloride	0.005 U	0.005 U	0.005 U
Chloroform (Trichloromethane)	0.005 U	0.005 U	0.005 U
1,1-Dichloroethene	0.005 U	0.005 U	0.005 U
cis-1,2-Dichloroethene	0.0372	0.05	0.034
trans-1,2-Dichloroethene	0.0094	0.0149	0.009
Tetrachloroethene	0.005 U	0.005 U	0.005 U
1,1,1-Trichloroethane	0.005 U	0.005 U	0.005 U
Trichloroethene	0.187	0.178	0.0863
Vinyl chloride	0.002 U	0.0051	0.0048

MW-0614-B1	11/16/2006 mg/l Groundwater	11/12/2008 mg/l Groundwater
VOC		
Benzene	0.005 U	0.005 U
Carbon tetrachloride	0.005 U	0.005 U
Chloroform (Trichloromethane)	0.0039 J	0.005 U
1,1-Dichloroethene	0.005 U	0.005 U
cis-1,2-Dichloroethene	0.0031 J	0.0175
trans-1,2-Dichloroethene	0.005 U	0.005 U
Tetrachloroethene	0.005 U	0.005 U
1,1,1-Trichloroethane	0.005 U	0.005 U
Trichloroethene	0.005 U	0.005 U
Vinyl chloride	0.002 U	0.002 U

MW-0612-S1	11/9/2006 mg/l Groundwater	3/7/2007 mg/l Groundwater	6/25/2009 mg/l Groundwater
VOC			
Benzene	0.005 U	0.005 U/0.005 U	0.05 U
Carbon tetrachloride	0.005 U	0.005 U/0.005 U	0.05 U
Chloroform (Trichloromethane)	0.005 U	0.005 U/0.005 U	0.05 U
1,1-Dichloroethene	0.005 U	0.005 U/0.005 U	0.05 U
cis-1,2-Dichloroethene	0.13	0.132/0.161	0.207
trans-1,2-Dichloroethene	0.043	0.0386/0.0389	0.05 U
Tetrachloroethene	0.005 U	0.005 U/0.005 U	0.05 U
1,1,1-Trichloroethane	0.005 U	0.005 U/0.005 U	0.05 U
Trichloroethene	3.3	3.76/3.95	4.37
Vinyl chloride	0.0024	0.0031/0.002 U	0.02 U

MW-0614-S2	11/16/2006 mg/l Groundwater	11/12/2008 mg/l Groundwater
VOC		
Benzene	0.005 U	0.005 U
Carbon tetrachloride	0.005 U	0.005 U
Chloroform (Trichloromethane)	0.005 U	0.005 U
1,1-Dichloroethene	0.005 U	0.005 U
cis-1,2-Dichloroethene	0.0026 J	0.005 U
trans-1,2-Dichloroethene	0.005 U	0.005 U
Tetrachloroethene	0.005 U	0.005 U
1,1,1-Trichloroethane	0.005 U	0.005 U
Trichloroethene	0.005 U	0.005 U
Vinyl chloride	0.002 U	0.002 U

SB-0602	2/9/2006 mg/l Borehole Water
VOC	
Benzene	0.005 U
Carbon tetrachloride	0.005 U
Chloroform (Trichloromethane)	0.005 U
1,1-Dichloroethene	0.0012 J
cis-1,2-Dichloroethene	0.46
trans-1,2-Dichloroethene	0.082
Tetrachloroethene	0.005 U
1,1,1-Trichloroethane	0.005 U
Trichloroethene	0.1
Vinyl chloride	0.023

MW-0608-S1	3/23/2006 mg/l Groundwater	11/7/2006 mg/l Groundwater	6/26/2009 mg/l Groundwater
VOC			
Benzene	0.005 U	0.005 U	0.005 U
Carbon tetrachloride	0.005 U	0.005 U	0.005 U
Chloroform (Trichloromethane)	0.005 U	0.005 U	0.005 U
1,1-Dichloroethene	0.005 U	0.005 U	0.005 U
cis-1,2-Dichloroethene	0.0029 J	0.035	0.0245
trans-1,2-Dichloroethene	0.005 U	0.0033 J	0.005 U
Tetrachloroethene	0.005 UJ	0.005 U	0.005 U
1,1,1-Trichloroethane	0.005 U	0.005 U	0.005 U
Trichloroethene	0.002 J	0.0017 J	0.005 U
Vinyl chloride	0.002 U	0.002 U	0.0049

MW-0608-B1	3/23/2006 mg/l Groundwater	11/7/2006 mg/l Groundwater	6/25/2009 mg/l Groundwater	6/25/2009 mg/l (PDB) Groundwater
VOC				
Benzene	0.005 U	0.005 U	0.005 U	0.005 U
Carbon tetrachloride	0.005 U	0.005 U	0.005 U	0.005 U
Chloroform (Trichloromethane)	0.0084	0.005 U	0.006	0.005 U
1,1-Dichloroethene	0.005 U	0.005 U	0.005 U	0.005 U
cis-1,2-Dichloroethene	0.15	0.18	0.125	0.169
trans-1,2-Dichloroethene	0.087	0.15	0.123	0.188
Tetrachloroethene	0.005 UJ	0.005 U	0.005 U	0.005 U
1,1,1-Trichloroethane	0.005 U	0.005 U	0.005 U	0.005 U
Trichloroethene	0.0023 J	0.005 U	0.005 U	0.0086
Vinyl chloride	0.002 U	0.0013 J	0.002 U	0.0032

MW-0608-S2	3/23/2006 mg/l Groundwater	11/7/2006 mg/l Groundwater	6/26/2009 mg/l Groundwater
VOC			
Benzene	0.005 U	0.005 U	0.005 U/0.005 U
Carbon tetrachloride	0.005 U	0.005 U	0.005 U/0.005 U
Chloroform (Trichloromethane)	0.005 U	0.005 UJ	0.005 U/0.005 U
1,1-Dichloroethene	0.005 U	0.005 U	0.005 U/0.005 U
cis-1,2-Dichloroethene	0.9	0.83	0.635/0.605
trans-1,2-Dichloroethene	0.1	0.088 J	0.105/0.113
Tetrachloroethene	0.005 UJ	0.005 U	0.005 U/0.005 U
1,1,1-Trichloroethane	0.005 U	0.005 U	0.005 U/0.005 U
Trichloroethene	0.1	0.063	0.0124/0.0122
Vinyl chloride	0.002 U	0.002 U	0.0025/0.0026

SB-0541	10/6/2005 mg/l Borehole Water
VOC	
Benzene	0.005 U
Carbon tetrachloride	0.005 U
Chloroform (Trichloromethane)	0.005 U
1,1-Dichloroethene	0.005 U
cis-1,2-Dichloroethene	0.005 U
trans-1,2-Dichloroethene	0.005 U
Tetrachloroethene	0.005 U
1,1,1-Trichloroethane	0.005 U
Trichloroethene	0.005 U
Vinyl chloride	0.002 U

NOTE:

1. REFER TO LEGEND SHEET FOR MAP SYMBOLS.

0 100' 200'
GRAPHIC SCALE

MOTORS LIQUIDATION COMPANY
FORMER GM DELCO PLANT 5
KOKOMO, INDIANA
RCRA FACILITY INVESTIGATION REPORT

ORGANIC ANALYTICAL RESULTS DOWN-GRADIENT - NORTH

ARCADIS

DRAWING 22

CITY: SYRACUSE DIV/GROUP: 141 DB: G.STOWELL PM: D.LAY LYR:ON=*;OFF=*REF
G:\ENVCAD\SYRACUSE\ACTIN\00074\300021\000003\DWG\00743C15.dwg LAYOUT: 23 SAVED: 9/29/2009 10:22 AM ACADVER: 17.0S (LMS TECH) PAGESETUP: C-LD-NY4P72 HP DESIGNJET T1100 DJ3 PLOTSTYLETABLE: PLTFULL.CTB PLOTTED: 10/1/2009 9:55 AM BY: STOWELL, GARY
XREFS: 00743XLD 00743X01 IMAGES: PROJECTNAME: ----

MW-0603-S1	3/24/2006 mg/l	11/8/2006 mg/l	6/25/2009 mg/l
	Groundwater	Groundwater	Groundwater
VOC			
Benzene	0.005 U	0.005 U	0.005 U
Carbon tetrachloride	0.005 U	0.005 U	0.005 U
Chloroform (Trichloromethane)	0.005 U	0.005 U	0.005 U
1,1-Dichloroethene	0.005 U	0.005 U	0.005 U
cis-1,2-Dichloroethene	0.005 U	0.005 U	0.005 U
trans-1,2-Dichloroethene	0.005 U	0.005 U	0.005 U
Tetrachloroethene	0.005 UJ	0.005 U	0.005 U
1,1,1-Trichloroethane	0.005 U	0.005 U	0.005 U
Trichloroethene	0.005 U	0.005 U	0.005 U
Vinyl chloride	0.002 U	0.002 U	0.002 U

MW-0603-B1	3/24/2006 mg/l	11/8/2006 mg/l	6/25/2009 mg/l	6/25/2009 mg/l (PDB)
	Groundwater	Groundwater	Groundwater	Groundwater
VOC				
Benzene	0.005 U	0.005 U	0.005 U	0.005 U
Carbon tetrachloride	0.005 U	0.005 U	0.005 U	0.005 U
Chloroform (Trichloromethane)	0.005 U	0.005 U	0.005 U	0.005 U
1,1-Dichloroethene	0.005 U	0.005 U	0.005 U	0.005 U
cis-1,2-Dichloroethene	0.73	0.62	0.545	0.557
trans-1,2-Dichloroethene	0.044	0.039	0.0792	0.0774
Tetrachloroethene	0.005 UJ	0.005 U	0.005 U	0.005 U
1,1,1-Trichloroethane	0.005 U	0.005 U	0.005 U	0.005 U
Trichloroethene	0.02	0.005 U	0.005 U	0.005 U
Vinyl chloride	0.002 U	0.002 U	0.002 U	0.0038

MW-0617-S2	3/2/2007 mg/kg 0-2(ft BGS) Soil	3/2/2007 mg/kg 8-10(ft BGS) Soil	3/2/2007 mg/kg 14-16(ft BGS) Soil	3/2/2007 mg/kg 16-18(ft BGS) Soil	3/7/2007 mg/l	11/14/2008 mg/l	12/29/2008 mg/l
					Groundwater	Groundwater	Groundwater
VOC							
Benzene	0.0045 U	3.78 U	0.402 U	0.384 U/0.371 U	0.005 U	0.005 U	0.005 U/0.005 U
Carbon tetrachloride	0.0045 U	3.78 U	0.402 U	0.384 U/0.371 U	0.005 U	0.005 U	0.005 U/0.005 U
Chloroform (Trichloromethane)	0.0045 U	3.78 U	0.402 U	0.384 U/0.371 U	0.005 U	0.005 U	0.005 U/0.005 U
1,1-Dichloroethene	0.0045 U	3.78 U	0.392 J	0.338 J/0.321 J	0.005 U	0.005 U	0.005 U/0.005 U
cis-1,2-Dichloroethene	0.0087	1.48 J	1.93	0.384/0.402	0.518	0.342	0.668/0.586
trans-1,2-Dichloroethene	0.0045 U	3.78 U	0.402 U	0.384 U/0.371 U	0.0745	0.0344	0.0602/0.0624
Tetrachloroethene	31.7	1710	9810	1510/2200	0.009	0.0058	0.005 U/0.0084
1,1,1-Trichloroethane	0.0045 U	3.78 U	1.78	0.384 U/0.371 U	0.005 U	0.005 U	0.005 U/0.005 U
Trichloroethene	0.0772	58.2	106	17.2/15.1	0.396	0.209	0.221/0.227
Vinyl chloride	0.0045 U	3.78 U	0.402 U	0.384 U/0.371 U	0.002 U	0.002 U	0.002 U/0.002 U

MW-0617-S1	3/5/2007 mg/kg 20-22(ft BGS) Soil	3/7/2007 mg/l	11/12/2008 mg/l	12/29/2008 mg/l
		Groundwater	Groundwater	Groundwater
VOC				
Benzene	0.0037 U	0.005 U	0.005 U	0.005 U
Carbon tetrachloride	0.0037 U	0.005 U	0.005 U	0.005 U
Chloroform (Trichloromethane)	0.0037 U	0.005 U	0.005 U	0.005 U
1,1-Dichloroethene	0.0037 U	0.005 U	0.005 U	0.005 U
cis-1,2-Dichloroethene	0.0037 U	0.005 U	0.005 U	0.005 U
trans-1,2-Dichloroethene	0.0037 U	0.005 U	0.005 U	0.005 U
Tetrachloroethene	8.49	0.0481	0.0183	0.005 U
1,1,1-Trichloroethane	0.0037 U	0.005 U	0.005 U	0.005 U
Trichloroethene	0.0112	0.005 U	0.005 U	0.005 U
Vinyl chloride	0.0037 U	0.002 U	0.002 U	0.002 U

MW-0617-B1	3/7/2007 mg/l	11/12/2008 mg/l	12/29/2008 mg/l
	Groundwater	Groundwater	Groundwater
VOC			
Benzene	0.005 U	0.005 U	0.005 U
Carbon tetrachloride	0.005 U	0.005 U	0.005 U
Chloroform (Trichloromethane)	0.005 U	0.005 U	0.005 U
1,1-Dichloroethene	0.005 U	0.005 U	0.005 U
cis-1,2-Dichloroethene	0.105	0.122	0.162
trans-1,2-Dichloroethene	0.0157	0.0258	0.0358
Tetrachloroethene	0.005 U	0.289	0.561
1,1,1-Trichloroethane	0.005 U	0.005 U	0.005 U
Trichloroethene	0.005 U	0.301	0.405
Vinyl chloride	0.002 U	0.002 U	0.002 U

MW-0609-S1	3/23/2006 mg/l	11/9/2006 mg/l	6/26/2009 mg/l
	Groundwater	Groundwater	Groundwater
VOC			
Benzene	0.005 U	0.005 U	0.005 U/0.005 U
Carbon tetrachloride	0.005 U	0.005 U	0.005 U/0.005 U
Chloroform (Trichloromethane)	0.005 U	0.005 U	0.005 U/0.005 U
1,1-Dichloroethene	0.005 U	0.005 U	0.005 U/0.005 U
cis-1,2-Dichloroethene	0.061	0.055	0.225/0.226
trans-1,2-Dichloroethene	0.0097	0.009	0.0254/0.0261
Tetrachloroethene	0.005 UJ	0.005 U	0.005 U/0.005 U
1,1,1-Trichloroethane	0.005 U	0.005 U	0.005 U/0.005 U
Trichloroethene	0.28	0.22	0.0694/0.0696
Vinyl chloride	0.002 U	0.002 U	0.0037/0.0036

MW-0609-S2	11/10/2006 mg/l	11/12/2008 mg/l
	Groundwater	Groundwater
VOC		
Benzene	0.005 U	0.005 U
Carbon tetrachloride	0.005 U	0.005 U
Chloroform (Trichloromethane)	0.005 U	0.005 U
1,1-Dichloroethene	0.005 U	0.005 U
cis-1,2-Dichloroethene	0.073	0.0222
trans-1,2-Dichloroethene	0.01	0.005 U
Tetrachloroethene	0.005 U	0.005 U
1,1,1-Trichloroethane	0.005 U	0.005 U
Trichloroethene	0.005 U	0.005 U
Vinyl chloride	0.0041	0.002 U

MW-0602-S1	3/24/2006 mg/l	11/7/2006 mg/l
	Groundwater	Groundwater
VOC		
Benzene	0.005 U	0.005 U
Carbon tetrachloride	0.005 U	0.005 U
Chloroform (Trichloromethane)	0.005 U	0.005 U
1,1-Dichloroethene	0.005 U	0.005 U
cis-1,2-Dichloroethene	0.005 U	0.005 U
trans-1,2-Dichloroethene	0.005 U	0.005 U
Tetrachloroethene	0.005 UJ	0.005 U
1,1,1-Trichloroethane	0.005 U	0.005 U
Trichloroethene	0.005 U	0.005 U
Vinyl chloride	0.002 U	0.002 U

MW-0610-S1	11/10/2006 mg/l	11/12/2008 mg/l
	Groundwater	Groundwater
VOC		
Benzene	0.005 U	0.005 U
Carbon tetrachloride	0.005 U	0.005 U
Chloroform (Trichloromethane)	0.005 U	0.005 U
1,1-Dichloroethene	0.005 U	0.005 U
cis-1,2-Dichloroethene	0.04	0.0191
trans-1,2-Dichloroethene	0.0042 J	0.005 U
Tetrachloroethene	0.005 U	0.005 U
1,1,1-Trichloroethane	0.005 U	0.005 U
Trichloroethene	0.005 U	0.005 U
Vinyl chloride	0.0019 J	0.002 U

SB-0542	10/6/2005 mg/l
	Borehole Water
VOC	
Benzene	0.005 U
Carbon tetrachloride	0.005 U
Chloroform (Trichloromethane)	0.005 U
1,1-Dichloroethene	0.005 U
cis-1,2-Dichloroethene	0.005 U
trans-1,2-Dichloroethene	0.005 U
Tetrachloroethene	0.005 U
1,1,1-Trichloroethane	0.005 U
Trichloroethene	0.005 U
Vinyl chloride	0.002 U

MW-0611-S1	11/13/2006 mg/l	11/13/2008 mg/l
	Groundwater	Groundwater
VOC		
Benzene	0.005 U	0.005 U
Carbon tetrachloride	0.005 U	0.005 U
Chloroform (Trichloromethane)	0.005 U	0.005 U
1,1-Dichloroethene	0.005 U	0.005 U
cis-1,2-Dichloroethene	0.005 U	0.005 U
trans-1,2-Dichloroethene	0.005 U	0.005 U
Tetrachloroethene	0.005 U	0.005 U
1,1,1-Trichloroethane	0.005 U	0.005 U
Trichloroethene	0.005 U	0.005 U
Vinyl chloride	0.002 U	0.002 U

MW-0602-B1	3/24/2006 mg/l	11/7/2006 mg/l	6/26/2009 mg/l
	Groundwater	Groundwater	Groundwater
VOC			
Benzene	0.005 U	0.005 U	0.005 U
Carbon tetrachloride	0.005 U	0.005 U	0.005 U
Chloroform (Trichloromethane)	0.005 U	0.005 U	0.0131
1,1-Dichloroethene	0.005 U	0.005 U	0.005 U
cis-1,2-Dichloroethene	0.3	0.3	0.0837
trans-1,2-Dichloroethene	0.024	0.029	0.0069
Tetrachloroethene	0.005 UJ	0.005 U	0.005 U
1,1,1-Trichloroethane	0.005 U	0.005 U	0.005 U
Trichloroethene	0.005 U	0.005 U	0.005 U
Vinyl chloride	0.002 U	0.0016 J	0.002 U

MW-0703-B1	11/12/2008 mg/l	6/26/2009 mg/l
	Groundwater	Groundwater
VOC		
Benzene	0.005 U	0.005 U
Carbon tetrachloride	0.005 U	0.005 U
Chloroform (Trichloromethane)	0.005 U	0.005 U
1,1-Dichloroethene	0.005 U	0.005 U
cis-1,2-Dichloroethene	0.005 U	0.005 U
trans-1,2-Dichloroethene	0.005 U	0.005 U
Tetrachloroethene	0.005 U	0.005 U
1,1,1-Trichloroethane	0.005 U	0.005 U
Trichloroethene	0.005 U	0.005 U
Vinyl chloride	0.002 U	0.002 U

SB-0549	10/10/2005 mg/l
	Borehole Water
VOC	
Benzene	0.005 U
Carbon tetrachloride	0.005 U
Chloroform (Trichloromethane)	0.005 U
1,1-Dichloroethene	0.005 U
cis-1,2-Dichloroethene	0.005 U
trans-1,2-Dichloroethene	0.005 U
Tetrachloroethene	0.005 U
1,1,1-Trichloroethane	0.005 U
Trichloroethene	0.005 U
Vinyl chloride	0.002 U

SB-0548	10/10/2005 mg/l
	Borehole Water
VOC	
Benzene	0.005 U
Carbon tetrachloride	0.005 U
Chloroform (Trichloromethane)	0.005 U
1,1-Dichloroethene	0.005 U
cis-1,2-Dichloroethene	0.005 U
trans-1,2-Dichloroethene	0.005 U
Tetrachloroethene	0.005 U
1,1,1-Trichloroethane	0.005 U
Trichloroethene	0.005 U
Vinyl chloride	0.002 U

MW-0702-B1	11/13/2008 mg/l	6/26/2009 mg/l
	Groundwater	Groundwater
VOC		
Benzene	0.005 U	0.005 U
Carbon tetrachloride	0.005 U	0.005 U
Chloroform (Trichloromethane)	0.005 U	0.005 U
1,1-Dichloroethene	0.005 U	0.005 U
cis-1,2-Dichloroethene	0.005 U	0.005 U
trans-1,2-Dichloroethene	0.005 U	0.005 U
Tetrachloroethene	0.005 U	0.005 U
1,1,1-Trichloroethane	0.005 U	0.005 U
Trichloroethene	0.005 U	0.005 U
Vinyl chloride	0.002 U	0.002 U

MW-0603-S2	3/24/2006 mg/l	11/8/2006 mg/l	6/25/2009 mg/l
	Groundwater	Groundwater	Groundwater
VOC			
Benzene	0.005 U	0.005 U	0.005 U
Carbon tetrachloride	0.005 U	0.005 U	0.005 U
Chloroform (Trichloromethane)	0.005 U	0.005 U	0.005 U
1,1-Dichloroethene	0.005 U	0.005 U	0.005 U
cis-1,2-Dichloroethene	0.27	0.27	0.293
trans-1,2-Dichloroethene	0.0086	0.0087	0.0115
Tetrachloroethene	0.005 UJ	0.005 U	0.005 U
1,1,1-Trichloroethane	0.005 U	0.005 U	0.005 U
Trichloroethene	0.005 U	0.005 U	0.005 U
Vinyl chloride	0.002 U	0.002	0.002 U

MW-0616-S1	11/13/2006 mg/l	11/14/2008 mg/l
	Groundwater	Groundwater
VOC		
Benzene	0.005 U	0.005 U
Carbon tetrachloride	0.005 U	0.005 U
Chloroform (Trichloromethane)	0.005 U	0.005 U
1,1-Dichloroethene	0.0021 J	0.005 U
cis-1,2-Dichloroethene	0.88	0.258
trans-1,2-Dichloroethene	0.054	0.0186
Tetrachloroethene	0.005 U	0.005 U
1,1,1-Trichloroethane	0.005 U	0.005 U
Trichloroethene	0.0057	0.005 U
Vinyl chloride	0.0037	0.0103

MW-0616-B1	11/27/2006 mg/l	11/13/2008 mg/l
	Groundwater	Groundwater
VOC		
Benzene	0.005 U	0.005 U
Carbon tetrachloride	0.005 U	0.005 U
Chloroform (Trichloromethane)	0.014	0.0108
1,1-Dichloroethene	0.005 U	0.005 U
cis-1,2-Dichloroethene	0.005 U	0.005 U
trans-1,2-Dichloroethene	0.005 U	0.005 U
Tetrachloroethene	0.005 U	0.005 U
1,1,1-Trichloroethane	0.005 U	0.005 U
Trichloroethene	0.005 U	0.005 U
Vinyl chloride	0.002 U	0.002 U

MW-0615-B1	11/20/2006 mg/l	11/14/2008 mg/l
	Groundwater	Groundwater
VOC		
Benzene	0.005 U/0.005 U	NS/0.005 U
Carbon tetrachloride	0.005 U/0.005 U	NS/0.005 U
Chloroform (Trichloromethane)	0.005 U/0.005 U	NS/0.005 U
1,1-Dichloroethene	0.005 U/0.005 U	NS/0.005 U
cis-1,2-Dichloroethene	0.005 U/0.0016 J	NS/0.005 U
trans-1,2-Dichloroethene	0.005 U/0.005 U	NS/0.005 U
Tetrachloroethene	0.005 U/0.005 U	NS/0.005 U
1,1,1-Trichloroethane	0.005 U/0.005 U	NS/0.005 U
Trichloroethene	0.005 U/0.0018 J	NS/0.005 U
Vinyl chloride	0.002 U/0.002 U	NS/0.002 U

SB-0546	10/7/2005 mg/l
	Borehole Water
VOC	
Benzene	0.005 U
Carbon tetrachloride	0.005 U
Chloroform (Trichloromethane)	0.005 U
1,1-Dichloroethene	0.005 U
cis-1,2-Dichloroethene	0.005 U
trans-1,2-Dichloroethene	0.005 U
Tetrachloroethene	0.005 U
1,1,1-Trichloroethane	0.005 U
Trichloroethene	0.005 U
Vinyl chloride	0.002 U

MW-0701-B1A	8/13/2008 mg/l 98-108(ft BGS) Borehole Water	8/14/2008 mg/l 88-98(ft BGS) Borehole Water	11/12/2008 mg/l 88-98(ft BGS) Groundwater	11/12/2008 mg/l 98-108(ft BGS) Groundwater
VOC				
Benzene	0.005 U	0.005 U	0.005 U	0.005 U
Carbon tetrachloride	0.005 U	0.005 U	0.005 U	0.005 U
Chloroform (Trichloromethane)	0.005 U	0.005 U	0.005 U	0.005 U
1,1-Dichloroethene	0.005 U	0.005 U	0.005 U	0.005 U
cis-1,2-Dichloroethene	0.005 U	0.005 U	0.005 UJ	0.005 UJ
trans-1,2-Dichloroethene	0.005 U	0.005 U	0.005 U	0.005 U
Tetrachloroethene	0.005 U	0.005 U	0.005 U	0.005 U
1,1,1-Trichloroethane	0.005 U	0.005 U	0.005 U	0.005 U
Trichloroethene	0.005 U	0.005 U	0.005 U	0.005 U
Vinyl chloride	0.002 U	0.002 U	0.002 U	0.002 U

MW-0616-B1A	8/15/2008 mg/l 117-127(ft BGS) Borehole Water	8/15/2008 mg/l 127-137(ft BGS) Borehole Water	8/15/2008 mg/l 137-145.6(ft BGS) Borehole Water	8/18/2008 mg/l 107-117(ft BGS) Borehole Water	11/19/2008 mg/l 117-127(ft BGS) Groundwater	11/19/2008 mg/l 127-137(ft BGS) Groundwater	11/19/2008 mg/l 137-145.6(ft BGS) Groundwater	11/20/2008 mg/l 107-117(ft BGS) Groundwater
VOC								
Benzene	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Carbon tetrachloride	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Chloroform (Trichloromethane)	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,1-Dichloroethene	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
cis-1,2-Dichloroethene	0.002 J	0.0044 J	0.0027 J	0.0026 J	0.005 U	0.005 U	0.005 U	0.005 U
trans-1,2-Dichloroethene	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Tetrachloroethene	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,1,1-Trichloroethane	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Trichloroethene	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Vinyl chloride	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U

MW-0615-B1A	8/6/2008 mg/l 137-147(ft BGS) Borehole Water	8/11/2008 mg/l 103-113(ft BGS) Borehole Water	8/12/2008 mg/l 80-90(ft BGS) Borehole Water	8/12/2008 mg/l 93-103(ft BGS) Borehole Water	11/13/2008 mg/l Groundwater	11/13/2008 mg/l 93-103(ft BGS) Groundwater	11/13/2008 mg/l 103-113(ft BGS) Groundwater	11/13/2008 mg/l 137-145.2(ft BGS) Groundwater	11/14/2008 mg/l 80-90(ft BGS) Groundwater
VOC									
Benzene	0.005 U	0.005 U/0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Carbon tetrachloride	0.005 U	0.005 U/0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Chloroform (Trichloromethane)	0.005 U	0.005 U/0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,1-Dichloroethene	0.005 U	0.005 U/0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
cis-1,2-Dichloroethene	0.005 U	0.005 U/0.005 U	0.005 U	0.005 U	0.005 UJ	0.005 UJ	0.005 UJ	0.005 UJ	0.005 UJ
trans-1,2-Dichloroethene	0.005 U	0.005 U/0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Tetrachloroethene	0.005 U	0.005 U/0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,1,1-Trichloroethane	0.005 U	0.005 U/0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Trichloroethene	0.005 U	0.005 U/0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Vinyl chloride	0.002 U	0.002 U/0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U

SB-0547	10/10/2005 mg/l
	Borehole Water
VOC	
Benzene	0.005 U
Carbon tetrachloride	0.005 U
Chloroform (Trichloromethane)	0.005 U
1,1-Dichloroethene	0.005 U
cis-1,2-Dichloroethene	0.005 U
trans-1,2-Dichloroethene	0.005 U
Tetrachloroethene	0.005 U
1,1,1-Trichloroethane	0.005 U
Trichloroethene	0.005 U
Vinyl chloride	0.002 U

NOTE:

1. REFER TO LEGEND SHEET FOR MAP SYMBOLS.

0 100' 200'
GRAPHIC SCALE

MOTORS LIQUIDATION COMPANY
FORMER GM DELCO PLANT 5
KOKOMO, INDIANA

RCRA FACILITY INVESTIGATION REPORT

ANALYTICAL RESULTS DOWN-GRADIENT - SOUTH

ARCADIS

DRAWING 23

MW-0501-S3U	10/20/2005 mg/l	3/21/2006 mg/l	6/24/2009 mg/l
	Groundwater	Groundwater	Groundwater
VOC			
cis-1,2-Dichloroethene	0.005 U	0.005 U	0.005 U
Tetrachloroethene	0.005 U	0.005 U	0.005 U
Trichloroethene	0.005 U	0.005 U	0.005 U
Vinyl chloride	0.002 U	0.002 U	0.002 U

MW-0501-P1	10/18/2005 mg/l	3/23/2006 mg/l
	Groundwater	Groundwater
VOC		
cis-1,2-Dichloroethene	0.005	0.02
Tetrachloroethene	0.005 U	0.005 U
Trichloroethene	0.005 U	0.0013 J
Vinyl chloride	0.002 U	0.0068

MW-0501-S2	10/18/2005 mg/l	3/21/2006 mg/l	6/24/2009 mg/l
	Groundwater	Groundwater	Groundwater
VOC			
cis-1,2-Dichloroethene	0.005 U	0.005 U	0.005 U
Tetrachloroethene	0.005 U	0.005 U	0.005 U
Trichloroethene	0.005 U	0.0022 J	0.005 U
Vinyl chloride	0.002 U	0.002 U	0.002 U

MW-0623-S1	3/7/2007 mg/l	11/12/2008 mg/l	12/29/2009 mg/l
	Groundwater	Groundwater	Groundwater
VOC			
cis-1,2-Dichloroethene	0.005 U	0.005 UJ0.005 U	0.005 U
Tetrachloroethene	0.005 U	0.005 UJ0.005 U	0.005 U
Trichloroethene	0.005 U	0.005 UJ0.0029 J	0.005 U
Vinyl chloride	0.002 U	0.002 UJ0.002 U	0.002 U

MW-0622-S2	11/8/2006 mg/kg 0-2(ft BGS)	11/8/2006 mg/kg 8-8(ft BGS)	11/9/2006 mg/kg 0-2(ft BGS)	11/21/2006 mg/l	11/13/2008 mg/l
	Soil	Soil	Soil	Groundwater	Groundwater
VOC					
cis-1,2-Dichloroethene	0.0044 U	0.0048 U	0.0044 U	0.0017 J	0.005 U
Tetrachloroethene	0.0044 U	0.0048 U	0.0044 U	0.005 U	0.005 U
Trichloroethene	0.0044 U	0.028	0.0044 U	0.005 U	0.005 U
Vinyl chloride	0.0018 U	0.0019 U	0.0018 U	0.002 U	0.002 U

MW-0622-S1	11/21/2006 mg/l	11/14/2008 mg/l
	Groundwater	Groundwater
VOC		
cis-1,2-Dichloroethene	0.52	0.248
Tetrachloroethene	0.005 U	0.005 U
Trichloroethene	8	2.61
Vinyl chloride	0.0026	0.002 U

MW-0620-S1	11/21/2006 mg/l	11/14/2008 mg/l
	Groundwater	Groundwater
VOC		
cis-1,2-Dichloroethene	0.11	0.075
Tetrachloroethene	0.005 U	0.005 U
Trichloroethene	0.5	0.34
Vinyl chloride	0.002 U	0.002 U

MW-0619-S1	11/9/2006 mg/kg 0-2(ft BGS)	11/9/2006 mg/kg 8-8(ft BGS)	11/20/2006 mg/l	11/14/2008 mg/l
	Soil	Soil	Groundwater	Groundwater
VOC				
cis-1,2-Dichloroethene	0.0046 U	0.0039 U	1.9	5.34/0.348
Tetrachloroethene	0.0046 U	0.0039 U	0.005 U	0.005 UJ0.005 U
Trichloroethene	0.0046 U	0.17	1.9	1.14/3.2
Vinyl chloride	0.0018 U	0.0016 U	0.018 J	0.005/0.0049

MW-0605-B1	3/22/2006 mg/l	11/9/2006 mg/l
	Groundwater	Groundwater
VOC		
cis-1,2-Dichloroethene	0.005 U	0.005 U
Tetrachloroethene	0.005 U	0.005 U
Trichloroethene	0.005 U	0.005 U
Vinyl chloride	0.002 U	0.002 U

MW-0605-S1	3/22/2006 mg/l	11/9/2006 mg/l
	Groundwater	Groundwater
VOC		
cis-1,2-Dichloroethene	0.019	0.028
Tetrachloroethene	0.005 U	0.005 U
Trichloroethene	1.92	1.4
Vinyl chloride	0.002 U	0.002 U

MW-0605-S2	3/22/2006 mg/l	11/9/2006 mg/l
	Groundwater	Groundwater
VOC		
cis-1,2-Dichloroethene	0.05/0.049	0.1
Tetrachloroethene	0.005 UJ/0.005 U	0.005 U
Trichloroethene	0.027/0.024	0.005 U
Vinyl chloride	0.002 UJ/0.002 U	0.002 U

MW-0702-B1	11/13/2008 mg/l	6/26/2009 mg/l
	Groundwater	Groundwater
VOC		
cis-1,2-Dichloroethene	0.005 U	0.005 U
Tetrachloroethene	0.005 U	0.005 U
Trichloroethene	0.005 U	0.005 U
Vinyl chloride	0.002 U	0.002 U

MW-0516-S1	10/19/2005 mg/l	3/23/2006 mg/l	6/25/2009 mg/l	6/25/2009 mg/l (PDB)
	Groundwater	Groundwater	Groundwater	Groundwater
VOC				
cis-1,2-Dichloroethene	0.005 U	0.005 U	0.005 U	0.005 U
Tetrachloroethene	0.005 U	0.005 UJ	0.005 U	0.005 U
Trichloroethene	0.005 U	0.005 U	0.005 U	0.005 U
Vinyl chloride	0.002 U	0.002 U	0.002 U	0.002 U

MW-0516-S2	10/20/2005 mg/l	3/23/2006 mg/l	6/25/2009 mg/l
	Groundwater	Groundwater	Groundwater
VOC			
cis-1,2-Dichloroethene	0.005 U	0.005 U	0.005 U
Tetrachloroethene	0.005 U	0.005 UJ	0.005 U
Trichloroethene	0.005 U	0.005 U	0.005 U
Vinyl chloride	0.002 U	0.002 U	0.002 U

MW-0621-S1	11/20/2006 mg/l	11/14/2008 mg/l
	Groundwater	Groundwater
VOC		
cis-1,2-Dichloroethene	0.062/0.06	0.19
Tetrachloroethene	0.005 UJ/0.005 U	0.005 U
Trichloroethene	3.5 J/6.4	3.11
Vinyl chloride	0.002 UJ/0.002 U	0.002 U

MW-0502-S1	10/19/2005 mg/l	3/24/2006 mg/l	11/10/2006 mg/l
	Groundwater	Groundwater	Groundwater
VOC			
cis-1,2-Dichloroethene	0.0099	0.015	0.018
Tetrachloroethene	0.005 U	0.005 UJ	0.005 U
Trichloroethene	0.064	0.19	0.18
Vinyl chloride	0.002 U	0.002 U	0.002 U

MW-0101-S1U	6/22/2001 mg/l	11/15/2004 mg/l	3/24/2006 mg/l	11/10/2006 mg/l
	Groundwater	Groundwater	Groundwater	Groundwater
VOC				
cis-1,2-Dichloroethene	5.8	7.45/1.3	1.2	1.1/1.1
Tetrachloroethene	0.05 U	0.005 UJ/0.005 U	0.005 UJ	0.005 UJ/0.005 U
Trichloroethene	6.1	13/11	6.4	7.5/7.7
Vinyl chloride	0.067	0.14/0.15	0.067	0.1/0.1

MW-0103-S1U	6/22/2001 mg/l	11/15/2004 mg/l	3/22/2006 mg/l	6/24/2009 mg/l
	Groundwater	Groundwater	Groundwater	Groundwater
VOC				
cis-1,2-Dichloroethene	0.071	0.11	0.18	0.264
Tetrachloroethene	0.005 U	0.005 U	0.005 U	0.005 U
Trichloroethene	0.012	0.005 U	0.013	0.005 U
Vinyl chloride	0.0022	0.002 U	0.002 U	0.0039

MW-0603-S2	3/24/2006 mg/l	11/8/2006 mg/l	6/25/2009 mg/l
	Groundwater	Groundwater	Groundwater
VOC			
cis-1,2-Dichloroethene	0.27	0.27	0.293
Tetrachloroethene	0.005 UJ	0.005 U	0.005 U
Trichloroethene	0.005 U	0.005 U	0.005 U
Vinyl chloride	0.002 U	0.002	0.002 U

MW-0614-B1	11/16/2006 mg/l	11/12/2008 mg/l
	Groundwater	Groundwater
VOC		
cis-1,2-Dichloroethene	0.0031 J	0.0175
Tetrachloroethene	0.005 U	0.005 U
Trichloroethene	0.005 U	0.005 U
Vinyl chloride	0.002 U	0.002 U

MW-0603-S1	3/24/2006 mg/l	11/8/2006 mg/l	6/25/2009 mg/l
	Groundwater	Groundwater	Groundwater
VOC			
cis-1,2-Dichloroethene	0.005 U	0.005 U	0.005 U
Tetrachloroethene	0.005 UJ	0.005 U	0.005 U
Trichloroethene	0.005 U	0.005 U	0.005 U
Vinyl chloride	0.002 U	0.002 U	0.002 U

SB-0546	10/7/2005 mg/l
	Borehole Water
VOC	
cis-1,2-Dichloroethene	0.005 U
Tetrachloroethene	0.005 U
Trichloroethene	0.005 U
Vinyl chloride	0.002 U

MW-0616-S1	11/13/2006 mg/l	11/14/2008 mg/l
	Groundwater	Groundwater
VOC		
cis-1,2-Dichloroethene	1.88	0.228
Tetrachloroethene	0.005 U	0.005 U
Trichloroethene	0.0057	0.005 U
Vinyl chloride	0.0031	0.0103

MW-0614-S2	11/16/2006 mg/l	11/12/2008 mg/l
	Groundwater	Groundwater
VOC		
cis-1,2-Dichloroethene	0.0026 J	0.005 U
Tetrachloroethene	0.005 U	0.005 U
Trichloroethene	0.005 U	0.005 U
Vinyl chloride	0.002 U	0.002 U

MW-0603-B1	3/24/2006 mg/l	11/8/2006 mg/l	6/25/2009 mg/l	6/25/2009 mg/l (PDB)
	Groundwater	Groundwater	Groundwater	Groundwater
VOC				
cis-1,2-Dichloroethene	0.73	0.82	0.548	0.557
Tetrachloroethene	0.005 UJ	0.005 U	0.005 U	0.005 U
Trichloroethene	0.02	0.005 U	0.005 U	0.005 U
Vinyl chloride	0.002 U	0.002	0.002 U	0.0036

MW-0615-B1	11/20/2006 mg/l	11/14/2008 mg/l
	Groundwater	Groundwater
VOC		
cis-1,2-Dichloroethene	0.005 UJ/0.0016 J	NS/0.005 U
Tetrachloroethene	0.005 UJ/0.005 U	NS/0.005 U
Trichloroethene	0.005 UJ/0.0018 J	NS/0.005 U
Vinyl chloride	0.002 UJ/0.002 U	NS/0.002 U

MW-0503-S2	10/18/2005 mg/l	3/24/2006 mg/l	6/24/2009 mg/l
	Groundwater	Groundwater	Groundwater
VOC			
cis-1,2-Dichloroethene	0.0099	0.0078	0.0084
Tetrachloroethene	0.005 U	0.005 U	0.005 U
Trichloroethene	0.005 U	0.0013 J	0.005 U
Vinyl chloride	0.002 U	0.002 U	0.002 U

MW-0602-S1	3/24/2006 mg/l	11/7/2006 mg/l
	Groundwater	Groundwater
VOC		
cis-1,2-Dichloroethene	0.005 U	0.005 U
Tetrachloroethene	0.005 UJ	0.005 U
Trichloroethene	0.005 U	0.005 U
Vinyl chloride	0.002 U	0.002 U

MW-0617-S1	3/5/2007 mg/kg 20-22(ft BGS)	3/7/2007 mg/l	11/12/2008 mg/l	12/29/2008 mg/l
	Soil	Groundwater	Groundwater	Groundwater
VOC				
cis-1,2-Dichloroethene	0.0037 U	0.005 U	0.005 U	0.005 U
Tetrachloroethene	0.49	0.0481	0.0183	0.005 U
Trichloroethene	0.0112	0.005 U	0.005 U	0.005 U
Vinyl chloride	0.0037 U	0.002 U	0.002 U	0.002 U

MW-0616-B1	11/27/2006 mg/l	11/13/2008 mg/l
	Groundwater	Groundwater
VOC		
cis-1,2-Dichloroethene	0.005 U	0.005 U
Tetrachloroethene	0.005 U	0.005 U
Trichloroethene	0.005 U	0.005 U
Vinyl chloride	0.002 U	0.002 U

MW-0615-B1A	8/6/2008 mg/l 137-147(ft BGS)	8/11/2008 mg/l 103-113(ft BGS)	8/12/2008 mg/l 80-90(ft BGS)
	Borehole Water	Borehole Water	Borehole Water
VOC			
cis-1,2-Dichloroethene	0.005 U	0.005 UJ/0.005 U	0.005 U
Tetrachloroethene	0.005 U	0.005 UJ/0.005 U	0.005 U
Trichloroethene	0.005 U	0.005 UJ/0.005 U	0.005 U
Vinyl chloride	0.002 U	0.002 UJ/0.002 U	0.002 U

MW-0503-S1	10/18/2005 mg/l	3/24/2006 mg/l	6/25/2009 mg/l
	Groundwater	Groundwater	Groundwater
VOC			
cis-1,2-Dichloroethene	0.005 U	0.005 U	0.005 U
Tetrachloroethene	0.005 U	0.005 UJ	0.005 U
Trichloroethene	0.005 U	0.005 U	0.005 U
Vinyl chloride	0.002 U	0.002 U	0.002 U

MW-0602-B1	3/24/2006 mg/l	11/7/2006 mg/l	6/26/2009 mg/l
	Groundwater	Groundwater	Groundwater
VOC			
cis-1,2-Dichloroethene	0.3	0.3	0.0837
Tetrachloroethene	0.005 UJ	0.005 U	0.005 U
Trichloroethene	0.005 U	0.0018 J	0.005 U
Vinyl chloride	0.002 U	0.002 U	0.002 U

SB-0547	10/10/2005 mg/l
	Borehole Water
VOC	
cis-1,2-Dichloroethene	0.005 U
Tetrachloroethene	0.005 U
Trichloroethene	0.005 U
Vinyl chloride	0.002 U

MW-0703-B1	11/12/2008 mg/l	6/26/2009 mg/l
	Groundwater	Groundwater
VOC		
cis-1,2-Dichloroethene	0.005 U	0.005 U
Tetrachloroethene	0.005 U	0.005 U
Trichloroethene	0.005 U	0.005 U
Vinyl chloride	0.002 U	0.002 U

MW-0617-B1	3/7/2007 mg/l	11/12/2008 mg/l	12/29/2009 mg/l
	Groundwater	Groundwater	Groundwater
VOC			
cis-1,2-Dichloroethene	0.108	0.122	0.162
Tetrachloroethene	0.005 U	0.288	0.561
Trichloroethene	0.005 U	0.301	0.405
Vinyl chloride	0.002 U	0.002 U	0.002 U

MW-0616-B1A	8/15/2008 mg/l 117-127(ft BGS)	8/15/2008 mg/l 127-137(ft BGS)	8/15/2008 mg/l 137-145.6(ft BGS)	8/18/2008 mg/l 107-117(ft BGS)	11/19/2008 mg/l 117-127(ft BGS)	11/19/2008 mg/l 127-137(ft BGS)	11/19/2008 mg/l 137-145.6(ft BGS)	11/20/2008 mg/l 107-117(ft BGS)
	Borehole Water	Borehole Water	Borehole Water	Borehole Water	Groundwater	Groundwater	Groundwater	Groundwater
VOC								
cis-1,2-Dichloroethene	0.002 J	0.0044 J	0.0027 J	0.0026 J	0.005 U	0.005 U	0.005 U	0.005 U
Tetrachloroethene	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Trichloroethene	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Vinyl chloride	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U

MW-0503-B1A	9/27/2007 mg/l 88-98(ft BGS)	9/27/2007 mg/l 124.5-124.5(ft BGS)	9/27/2007 mg/l 149-149(ft BGS)	12/6/2007 mg/l 122-132(ft BGS)	12/6/2007 mg/l 132-142(ft BGS)	12/6/2007 mg/l 140-150(ft BGS)	12/7/2007 mg/l 92-102(ft BGS)	12/7/2007 mg/l 102-112(ft BGS)	12/7/2007 mg/l 112-122(ft BGS)	12/8/2007 mg/l 85-95(ft BGS)	11/14/2008 mg/l 140-150(ft BGS)	11/17/2008 mg/l 132-142(ft BGS)	11/18/2008 mg/l 92-102(ft BGS)	11/18/2008 mg/l 102-112(ft BGS)	11/18/2008 mg/l 112-122(ft BGS)	11/19/2008 mg/l 122-132(ft BGS)	11/19/2008 mg/l 85-95(ft BGS)
	Borehole Water	Borehole Water	Borehole Water	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
VOC																	
cis-1,2-Dichloroethene	0.013	0.0144	0.0163	0.016	0.0208	0.0156	0.0151	0.0122	0.0086	0.026	0.0108 J	0.005 U	0.0293	0.0208	0.005 U	0.0067	0.0308
Tetrachloroethene	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Trichloroethene	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Vinyl chloride	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U

MW-0701-B1A	8/13/2008 mg/l 98-108(ft BGS)	8/14/2008 mg/l 88-98(ft BGS)	11/12/2008 mg/l 88-98(ft BGS)	11/12/2008 mg/l 98-108(ft BGS)
	Borehole Water	Borehole Water	Groundwater	Groundwater
VOC				
cis-1,2-Dichloroethene	0.005 U	0.005 U	0.005 UJ	0.005 UJ
Tetrachloroethene	0.005 U	0.005 U	0.005 U	0.005 U
Trichloroethene	0.005 U	0.005 U	0.005 U	0.005 U
Vinyl chloride	0.002 U	0.002 U	0.002 U	0.002 U

MW-0102-S1U	6/22/2001 mg/l	11/15/2004 mg/l	10/20/2005 mg/l	3/22/2006 mg/l
	Groundwater	Groundwater	Groundwater	Groundwater
VOC				
cis-1,2-Dichloroethene	0.36/0.34	0.77	0.77	1
Tetrachloroethene	0.05 U/0.05 U	0.005 U	0.005 U	0.005 U
Trichloroethene	0.41/0.37	0.5	0.5	0.5
Vinyl chloride	0.02 U/0.02 U	0.037	0.021	0.021

MW-0609-S1	10/19/2005 mg/l	3/23/2006 mg/l	6/24/2009 mg/l
	Groundwater	Groundwater	Groundwater
VOC			
cis-1,2-Dichloroethene	NS/0.005 U	0.005 U	0.005 U
Tetrachloroethene	NS/0.005 U	0.005 U	0.005 U
Trichloroethene	NS/0.005 U	0.005 U	0.005 U
Vinyl chloride	NS/0.002 U	0.002 U	0.002 U

MW-0618-S1	11/13/2006 mg/l	11/12/2008 mg/l
	Groundwater	Groundwater
VOC		
cis-1,2-Dichloroethene	0.005 U	0.005 U
Tetrachloroethene	0.005 U	0.005 U
Trichloroethene	0.005 U	0.005 U
Vinyl chloride	0.002 U	0.002 U

MW-0704-S1	11/13/2008 mg/l	6/25/2009 mg/l
	Groundwater	Groundwater
VOC		
cis-1,2-Dichloroethene	0.408	0.671
Tetrachloroethene	0.005 U	0.005 U
Trichloroethene	1.37	1.9
Vinyl chloride	0.002 U	0.0056

MW-0505-S1	10/19/2005 mg/l	3/23/2006 mg/l	6/24/2009 mg/l
	Groundwater	Groundwater	Groundwater
VOC			
cis-1,2-Dichloroethene	0.024/0.025	0.019	0.0079
Tetrachloroethene	0.005 UJ/0.005 U	0.005 U	0.005 U
Trichloroethene	0.058/0.055	0.008	0.005 U
Vinyl chloride	0.002 UJ/0.002 U	0.002 U	0.002 U

MW-0517-S1	10/18/2005 mg/l	3/22/2006 mg/l
	Groundwater	Groundwater
VOC		
cis-1,2-Dichloroethene	0.37 J	0.9
Tetrachloroethene	0.005 UJ	0.005 U
Trichloroethene	0.68 J	1.9
Vinyl chloride	0.015 J	0.03

MW-0606-S1	3/23/2006 mg/l	11/6/2006 mg/l
	Groundwater	Groundwater
VOC		
cis-1,2-Dichloroethene	0.29	0.21
Tetrachloroethene	0.005 UJ	0.005 U
Trichloroethene	0.66	0.27
Vinyl chloride	0.002 U	0.0011 J

MW-0606-S2	3/23/2006 mg/l	11/8/2006 mg/l	6/26/2009 mg/l
	Groundwater	Groundwater	Groundwater
VOC			
cis-1,2-Dichloroethene	0.0018 J	0.0072 U	0.245
Tetrachloroethene	0.005 UJ	0.005 U	0.005 U
Trichloroethene	0.0028 J	0.0023 J	0.59
Vinyl chloride	0.002 U	0.002 U	0.002 U

MW-0604-S1	3/22/2006 mg/l	11/8/2006 mg/l
	Groundwater	Groundwater
VOC		
cis-1,2-Dichloroethene	1.4	0.9
Tetrachloroethene	0.005 U	0.005 U
Trichloroethene	0.5	0.3
Vinyl chloride	0.045	0.031

MW-0501-S1	3/22/2006 mg/l	11/7/2006 mg/l	6/25/2009 mg/l	6/25/2009 mg/l (PDB)
	Groundwater	Groundwater	Groundwater	Groundwater
VOC				
cis-1,2-Dichloroethene	0.0044 J	0.005 U	0.005 U	0.005 U
Tetrachloroethene	0.005 U	0.005 U	0.005 U	0.005 U
Trichloroethene	0.005 U	0.005 U	0.005 U	0.005 U
Vinyl chloride	0.002 U	0.002 U	0.002 U	0.002 U

MW-0509-I2	10/19/2005 mg/l	3/23/2006 mg/l
	Groundwater	Groundwater
VOC		
cis-1,2-Dichloroethene	0.005 U/0.005 U	0.005 U
Tetrachloroethene	0.005 U/0.005 U	0.005 U
Trichloroethene	0.005 U/0.005 U	0.005 U
Vinyl chloride	0.002 U/0.002 U	0.002 U

MW-0505-B1	11/13/2006 mg/l	11/13/2008 mg/l
	Groundwater	Groundwater
VOC		
cis-1,2-Dichloroethene	0.005 U	0.005 U
Tetrachloroethene	0.005 U	0.005 U
Trichloroethene	0.005 U	0.005 U
Vinyl chloride	0.002 U	0.002 U

SB-0601	2/9/2006 mg/l
	Borehole Water
VOC	
cis-1,2-Dichloroethene	0.54/0.56
Tetrachloroethene	0.005 U/0.005 U
Trichloroethene	1.3 J/1.8 J
Vinyl chloride	0.01/0.01

MW-0505-S2	10/19/2005 mg/l	3/23/2006 mg/l	6/24/2009 mg/l
	Groundwater	Groundwater	Groundwater
VOC			
cis-1,2-Dichloroethene	0.005 U	0.005 U	0.005 U
Tetrachloroethene	0.005 U	0.005 U	0.005 U
Trichloroethene	0.1	0.027	0.005 U
Vinyl chloride	0.002 U	0.002 U	0.002 U

MW-0517-I2	10/18/2005 mg/l	3/22/2006 mg/l
	Groundwater	Groundwater
VOC		
cis-1,2-Dichloroethene	0.005 U	0.005 U
Tetrachloroethene	0.005 U	0.005 U
Trichloroethene	0.005 U	0.005 U
Vinyl chloride	0.002 U	0.002 U

MW-0613-S1	11/10/2006 mg/l	11/12/2008 mg/l
	Groundwater	Groundwater
VOC		
cis-1,2-Dichloroethene	0.005 U	0.005 U
Tetrachloroethene	0.005 U	0.005 U
Trichloroethene	0.005 U	0.005 U
Vinyl chloride	0.002 U	0.002 U

MW-0604-S2	3/22/2006 mg/l	11/9/2006 mg/l	6/24/2009 mg/l
	Groundwater	Groundwater	Groundwater
VOC			
cis-1,2-Dichloroethene	0.039	0.06	0.0949
Tetrachloroethene	0.005 U	0.005 U	0.005 U
Trichloroethene	0.1	0.027	0.005 U
Vinyl chloride	0.002 U	0.002 U	0.002 U

MW-0504-I2	10/18/2005 mg/l	3/27/2006 mg/l
	Groundwater	Groundwater
VOC		
cis-1,2-Dichloroethene	0.015	0.026
Tetrachloroethene	0.005 U	0.005 UJ
Trichloroethene	0.005 U	0.005 U
Vinyl chloride	0.002 U	0.002 U

MW-0612-S1	11/9/2006 mg/l	3/7/2007 mg/l	6/25/2009 mg/l
	Groundwater	Groundwater	Groundwater
VOC			
cis-1,2-Dichloroethene	1.13	0.132/0.161	0.207
Tetrachloroethene	0.005 U	0.005 UJ/0.005 U	0.05 U
Trichloroethene	0.5	0.78/0.58	0.07
Vinyl chloride	0.0024	0.003 U/0.002 U	0.002 U

SB-0540	10/6/2005 mg/l
	Borehole Water
VOC	
cis-1,2-Dichloroethene	0.005 U
Tetrachloroethene	0.005 U
Trichloroethene	0.005 U
Vinyl chloride	0.002 U

MW-0607-S1	3/24/2006 mg/l	11/6/2006 mg/l	6/25/2009 mg/l
	Groundwater	Groundwater	Groundwater
VOC			
cis-1,2-Dichloroethene	0.005 U	0.005 U	0.005 U
Tetrachloroethene	0.005 UJ	0.005 U	0.005 U
Trichloroethene	0.005 U	0.005 U	0.005 U
Vinyl chloride	0.002 U	0.002 U	0.002 U

MW-0504-S2	3/27/2006 mg/l	11/7/2006 mg/l
	Groundwater	Groundwater
VOC		
cis-1,2-Dichloroethene	0.005 U	0.3
Tetrachloroethene	0.005 UJ	0.005 U
Trichloroethene	0.0015 J	0.1
Vinyl chloride	0.002 U	0.002 U

MW-0506-I2	9/29/2005 mg/kg 7-7(ft BGS)	10/19/2005 mg/l	3/27/2006 mg/l
	Soil	Groundwater	Groundwater
VOC			
cis-1,2-Dichloroethene	0.0032 U	0.005 U	0.0036 J
Tetrachloroethene	0.0032 U	0.005 U	0.005 UJ
Trichloroethene	0.0032 U	0.005 U	0.0043 J
Vinyl chloride	0.0013 U	0.002 U	0.002 U

SB-0549	10/10/2005 mg/l
	Borehole Water
VOC	
cis-1,2-Dichloroethene	0.005 U
Tetrachloroethene	0.005 U
Trichloroethene	0.005 U
Vinyl chloride	0.002 U

MW-0608-S2	3/23/2006 mg/l	11/7/2006 mg/l	6/26/2009 mg/l
	Groundwater	Groundwater	Groundwater
VOC			
cis-1,2-Dichloroethene	0.9	0.63	0.833/0.805
Tetrachloroethene	0.005 UJ	0.005 U	0.005 U
Trichloroethene	0.1	0.063	0.012/0.0122
Vinyl chloride	0.002 U	0.002 U	0.0025/0.0028

MW-0608-B1	3/23/2006 mg/l	11/7/2006 mg/l	6/25/2009 mg/l	6/25/2009 mg/l (PDB)
	Groundwater	Groundwater	Groundwater	Groundwater
VOC				
cis-1,2-Dichloroethene	0.19	0.19	0.125	0.109
Tetrachloroethene	0.005 UJ	0.005 U	0.005 U	0.005 U
Trichloroethene	0.0023 J	0.005 U	0.005 U	0.0035
Vinyl chloride	0.002 U	0.0013 J	0.002 U	0.0032

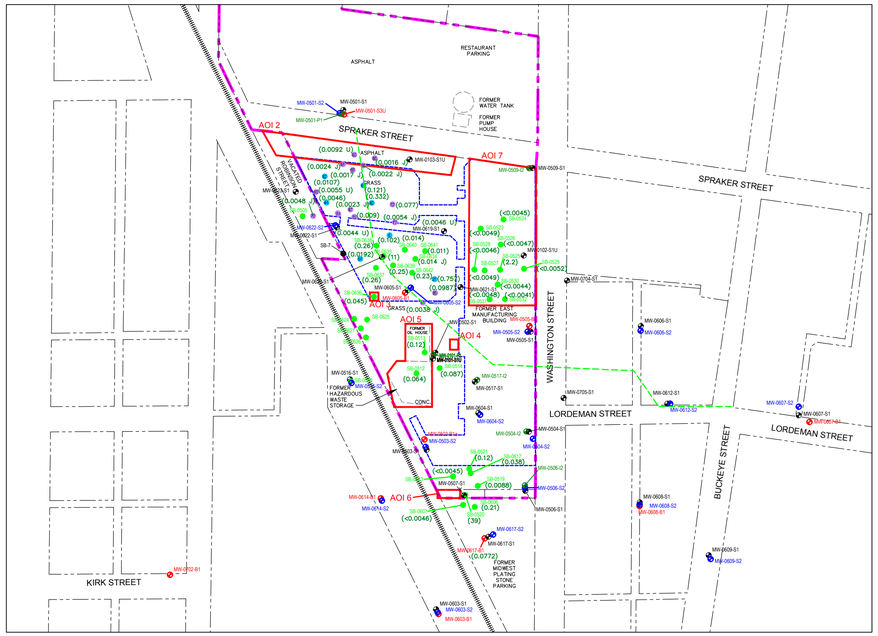
MW-0609-S2	11/10/2006 mg/l	11/12/2008 mg/l
	Groundwater	Groundwater
VOC		
cis-1,2-Dichloroethene	0.073	0.0222
Tetrachloroethene	0.005 U	0.005 U
Trichloroethene	0.005 U	0.005 U
Vinyl chloride	0.0045	0.002 U

MW-0506-S1	10/19/2005 mg/l	1/3/2006 mg/l	3/27/2006 mg/l	6/24/2009 mg/l
	Groundwater	Groundwater	Groundwater	Groundwater
VOC				
cis-1,2-Dichloroethene	0.005 U	0.005 U	0.005 U/0.005 U	0.0139
Tetrachloroethene	0.005 U	0.005 U	0.005 UJ/0.005 UJ	0.005 U
Trichloroethene	0.005 U	0.005 U	0.005 U/0.005 U	0.0078
Vinyl chloride	0.002 U	0.002 U	0.002 U/0.002 U	0.002 U

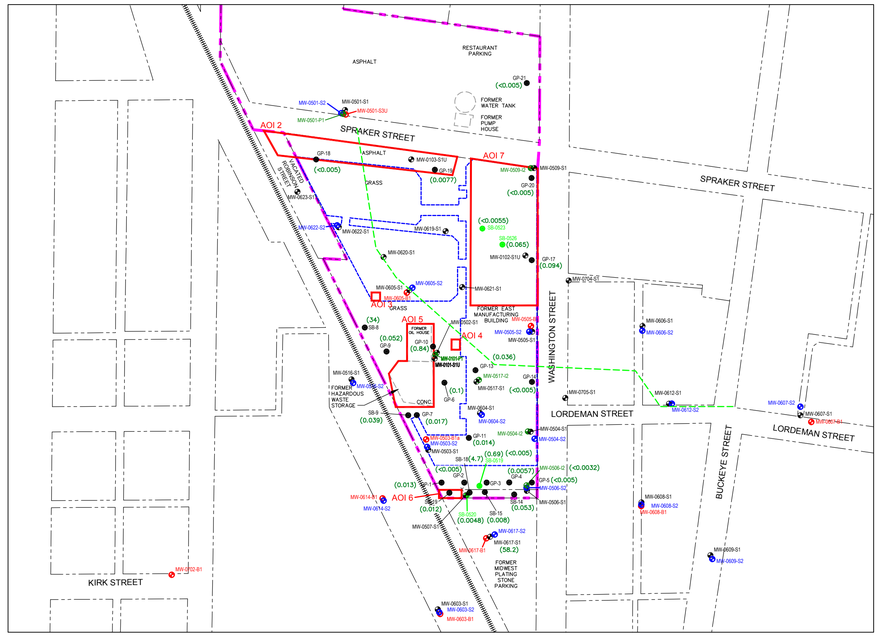
MW-0611-S1	11/13/2006 mg/l	11/13/2008 mg/l
	Groundwater	Groundwater
VOC		
cis-1,2-Dichloroethene	0.005 U	0.005 U
Tetrachloroethene	0.005 U	0.005 U
Trichloroethene	0.005 U	0.005 U
Vinyl chloride	0.002 U	0.002 U

SB-0542	10/6/2005 mg/l
	Borehole Water
VOC	
cis-1,2-Dichloroethene	0.005 U
Tetrachloroethene	0.005 U
Trichloroethene	0.005 U
Vinyl chloride	0.002 U

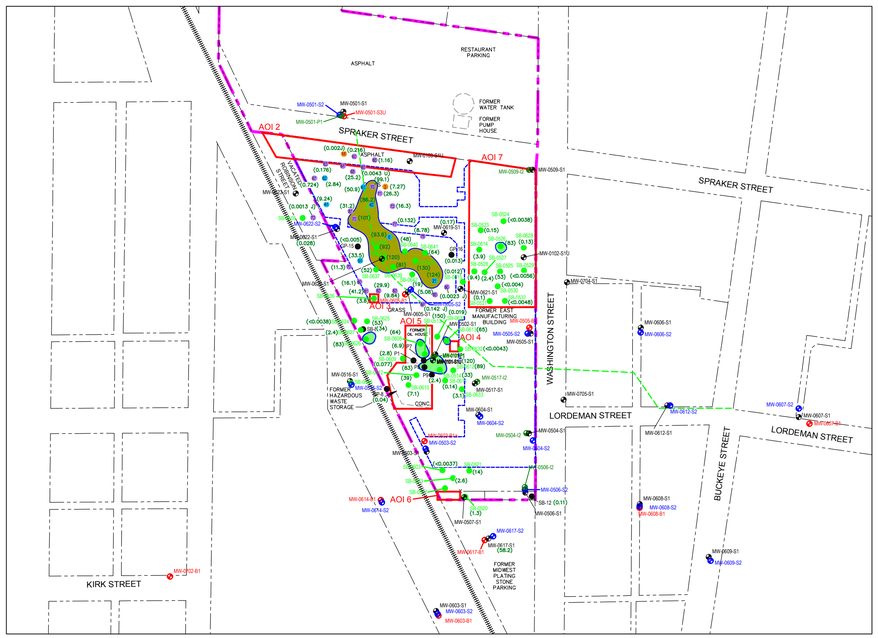
| MW-0617-S2 | 3/2/2007 mg/kg 0-2(ft BGS) | 3/2/2007 mg/kg 8-10(ft BGS) | 3/2/2007 mg/kg 14-16(ft BGS) | 3/2/2007 mg/kg 16-18(ft BGS) |



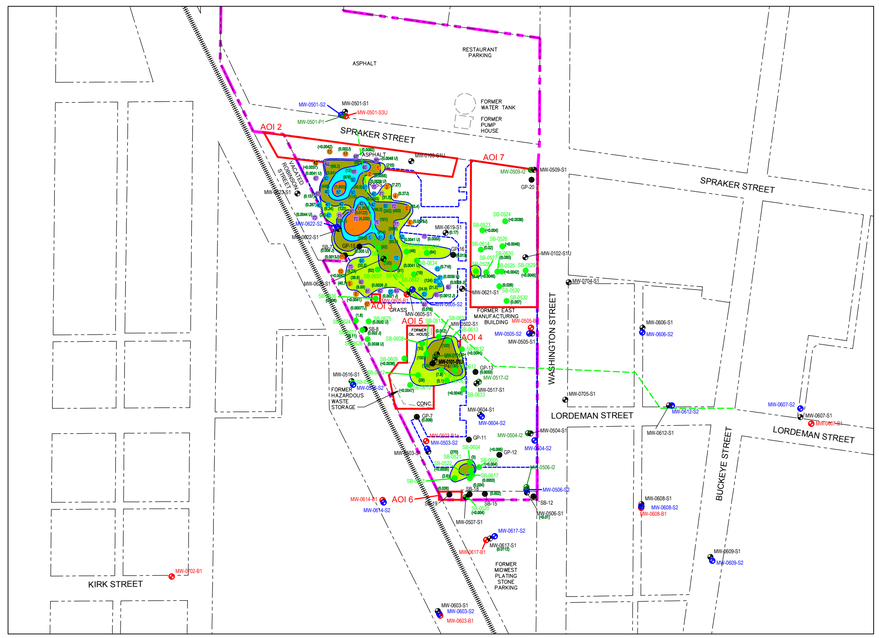
0-2 FEET BELOW GROUND SURFACE



2-8 FEET BELOW GROUND SURFACE



8-10 FEET BELOW GROUND SURFACE



GREATER THAN 10 FEET BELOW GROUND SURFACE

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LEGEND

- MW-0501-P1 — MONITORING WELL SCREENED IN DISCONTINUOUS UNIT P1 DENOTES SCREENED INTERVAL IS IN A PERCHED ZONE ABOVE UNIT S1 I2 DENOTES SCREENED INTERVAL IS A SAND UNIT BETWEEN UNITS S1 AND S2
- MW-0603-S1 — MONITORING WELL S2 SCREENED IN UNIT S1
- MW-0603-S2 — MONITORING WELL SCREENED IN UNIT S2
- MW-0603-B1 — MONITORING WELL SCREENED IN UNIT B1 RFI PHASE IV
- MW-0615-B1a — MONITORING WELL (B1a LOCATIONS ARE OPEN BEDROCK BOREHOLES TO A DEPTH OF APPROXIMATELY 150 FT BG CURRENTLY SEALED WITH FLUTE LINERS) PRE-RFI SOIL BORING LOCATIONS
- RFI SOIL BORING LOCATIONS
- RFI PHASE IV LOCATION (ID IS THE LAST DIGIT ASSOCIATED WITH BORING ID) E.G. 1 EQUALS SB-0701 AND 54 EQUALS SB-0754
- 62 — RFI PHASE IV NOVEMBER 2007 STEP-OUT LOCATIONS (ID IS THE LAST DIGIT ASSOCIATED WITH BORING ID) E.G. 63 EQUALS SB-0763 AND 75 EQUALS SB-0775
- 63 — RFI PHASE IV JANUARY 2008 STEP-OUT LOCATIONS (ID IS THE LAST DIGIT ASSOCIATED WITH BORING ID) E.G. 01 EQUALS SB-0801 AND 14 EQUALS SB-0814
- 15 — TCE CONCENTRATION IN µg/L (NOVEMBER/DECEMBER 2008)
- (<5) — HISTORIC TCE CONCENTRATION IN µg/L (OCTOBER 2005, MARCH & NOVEMBER 2006, MARCH 2007)
- WILLIAM B. MORGAN SEWER (10" CLAY TILE) (ATTEMPTS TO LOCATE SEWER WERE UNSUCCESSFUL IN DECEMBER 2007)
- SOIL CONCENTRATIONS EXCEED 1,000 mg/kg
- SOIL CONCENTRATIONS RANGE FROM 500 TO 1,000 mg/kg
- SOIL CONCENTRATIONS EXCEED REGION 9 COMMERCIAL/INDUSTRIAL BASED PRG FOR DIRECT CONTACT AT A TARGET CANCER RISK OF 1a-5 (61 mg/kg)
- SOIL CONCENTRATIONS EXCEED CALCULATED SOIL MIGRATION TO GROUNDWATER CRITERIA (2 mg/kg)

NOTE:

1. SAMPLE DEPTHS REPRESENT THE DEEPEST SAMPLE COLLECTED FROM THE BORING.

0 150' 300'
GRAPHIC SCALE

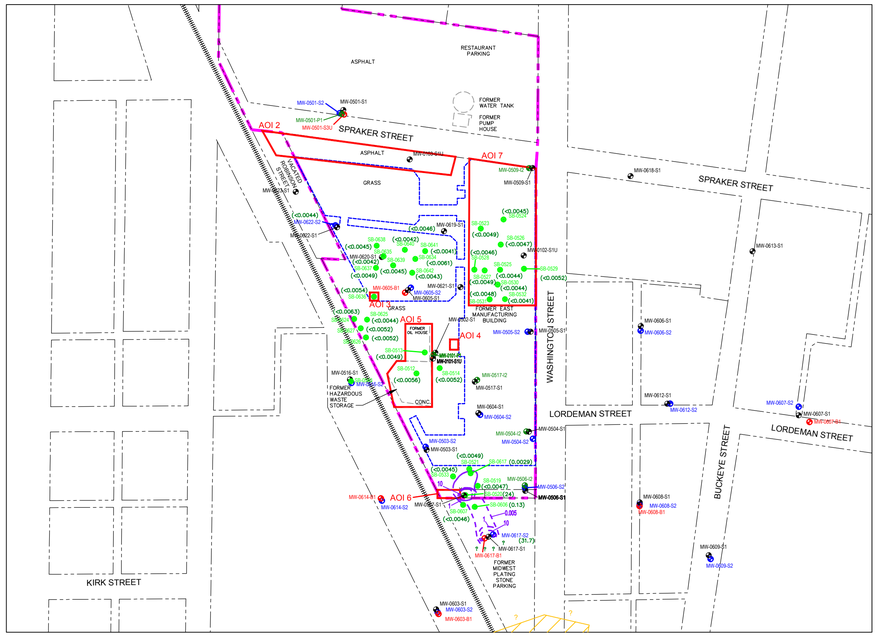
MOTORS LIQUIDATION COMPANY
FORMER GM DELCO PLANT 5
KOKOMO, INDIANA
RCRA FACILITY INVESTIGATION REPORT

TCE CONCENTRATION CONTOURS IN SOIL

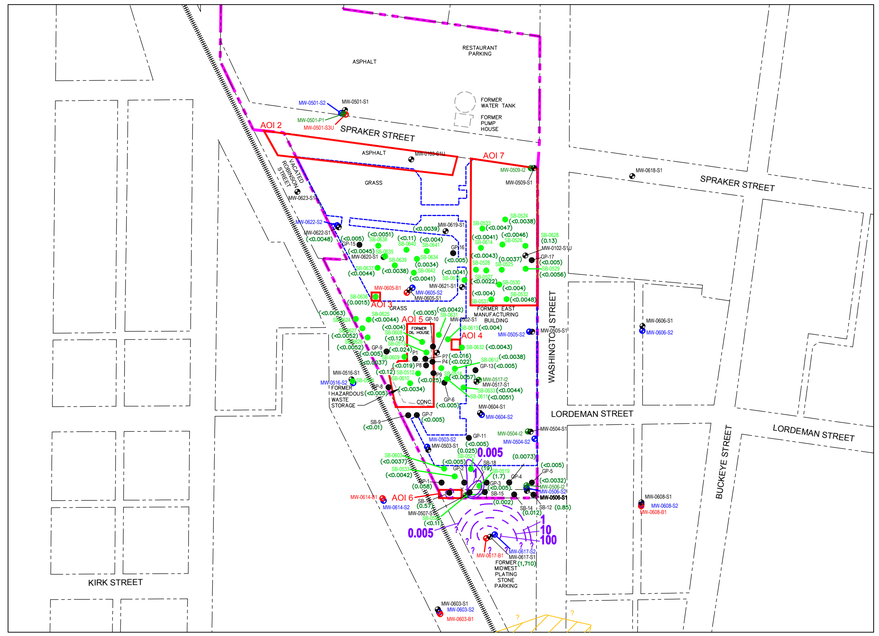
ARCADIS

DRAWING 25

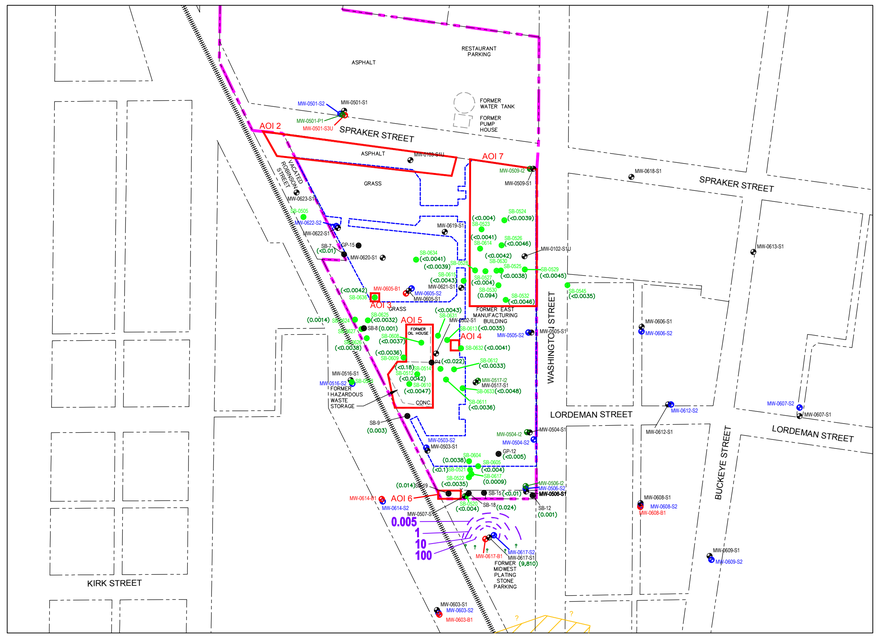
CITY: SYRACUSE DIV/GROUP: ENV-141 DB: GMS LD: A.Schilling PM: (Reed) LYR: ON=*;OFF=*REF
G:\ENV\CAD\SYRACUSE\ACTIN\00743\000200003\DWG\00743C38.dwg LAYOUT: 25 SAVED: 9/29/2009 10:21 AM ACADVER: 17.0S (LMS TECH) PAGESETUP: C:\LD-NY4P72 HP DESIGNJET T1100 D.I3. PLOTSTYLETABLE: PLTFULL.CTB PLOTTED: 10/1/2009 9:55 AM BY: STOWELL, GARY
XREFS: 00743X01 00743XLD IMAGES: PROJECTNAME: ----



0-2 FEET BELOW GROUND SURFACE



2-10 FEET BELOW GROUND SURFACE



GREATER THAN10 FEET BELOW GROUND SURFACE

N

LEGEND

- MW-0501-P1 — MONITORING WELL SCREENED IN DISCONTINUOUS UNIT P1 DENOTES SCREENED INTERVAL IS IN A PERCHED ZONE ABOVE UNIT S1 I2 DENOTES SCREENED INTERVAL IS A SAND UNIT BETWEEN UNITS S1 AND S2
- MW-0603-S1 — MONITORING WELL S2 SCREENED IN UNIT S1
- MW-0603-S2 — MONITORING WELL SCREENED IN UNIT S2
- MW-0603-B1 — MONITORING WELL SCREENED IN UNIT B1. UNIT B1 REFERS TO THE UPPER–MOST TRANSMISSIVE ZONE WITHIN THE LIMESTONE BEDROCK UNIT.
- MW-0615-B1a — MONITORING WELL (B1a LOCATIONS ARE OPEN BEDROCK BOREHOLES TO A DEPTH OF APPROXIMATELY 150 FT BG CURRENTLY SEALED WITH FLUTE LINERS)
- DENOTES AREA WHERE S2 UNIT IS NOT PRESENT
- (<5) — PCE CONCENTRATION IN µg/L (NOVEMBER/DECEMBER 2008)
- 5 — PCE ISOCONCENTRATION CONTOUR IN mg/kg

NOTES:

1. ONLY THOSE BORINGS WHERE SOIL DATA WAS COLLECTED FROM THE SPECIFIED INTERVAL ARE PRESENTED.
2. REFER TO THE LEGEND SHEET FOR MAP SYMBOLS..

0 150' 300'
GRAPHIC SCALE

MOTORS LIQUIDATION COMPANY
FORMER GM DELCO PLANT 5
KOKOMO, INDIANA
RCRA FACILITY INVESTIGATION REPORT

PCE CONCENTRATION CONTOURS IN SOIL

ARCADIS

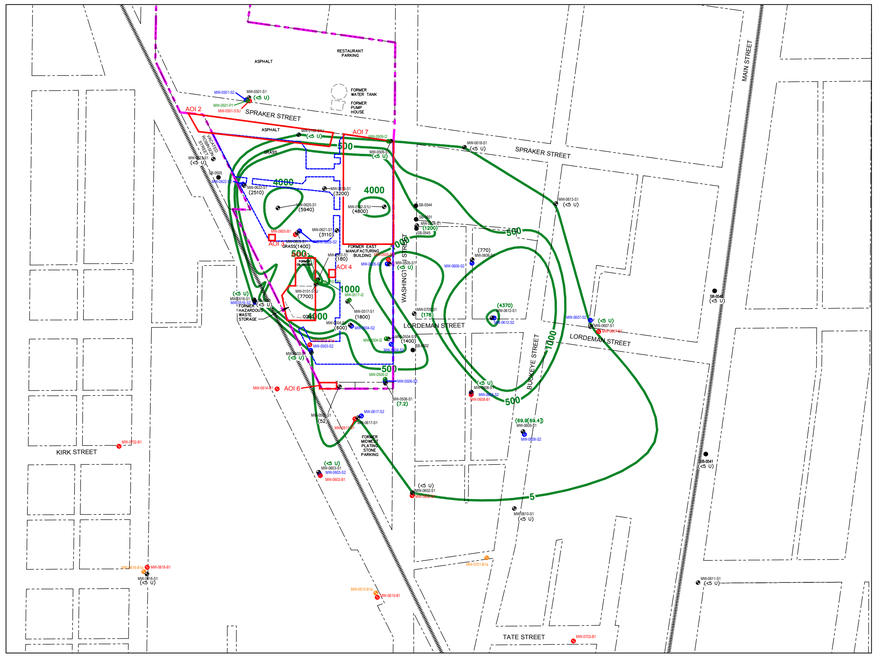
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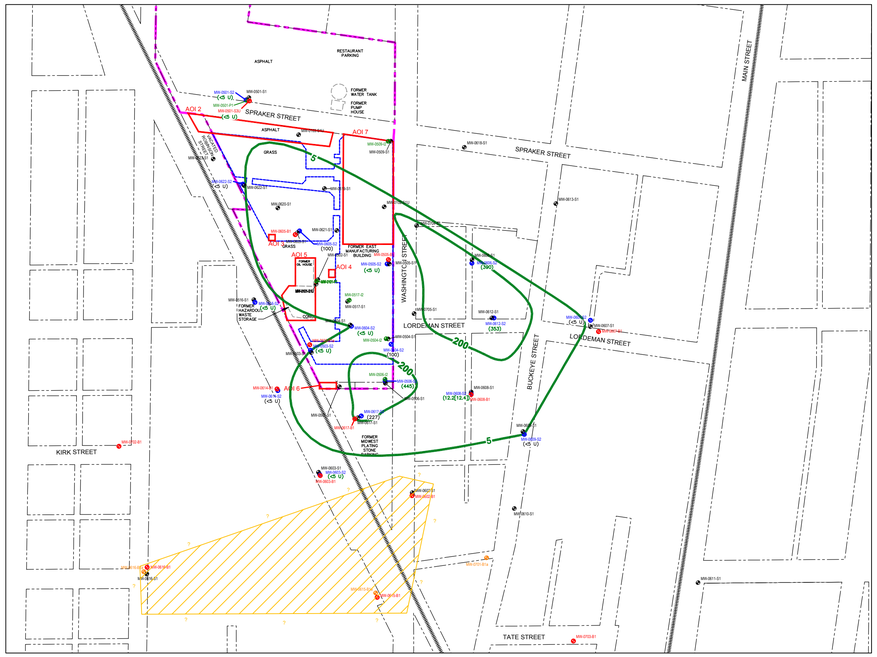
XREFS:
00743X01
00743XLD

IMAGES:

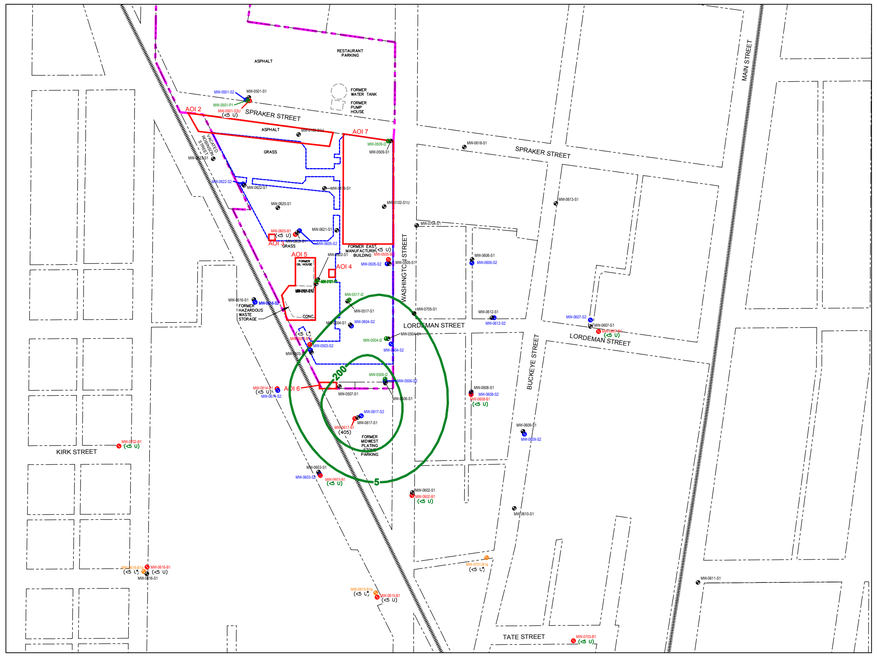
PROJECTNAME: ----



UNIT S1



UNIT S2



UNIT B1

N

LEGEND

- MW-0501-P1 — MONITORING WELL SCREENED IN DISCONTINUOUS UNIT. P1 DENOTES SCREENED INTERVAL IS IN A PERCHED ZONE ABOVE UNIT S1. I2 DENOTES SCREENED INTERVAL IS A SAND UNIT BETWEEN UNITS S1 AND S2
- MW-0603-S1 — MONITORING WELL SCREENED IN UNIT S1
- MW-0603-S2 — MONITORING WELL SCREENED IN UNIT S2
- MW-0603-B1 — MONITORING WELL SCREENED IN UNIT B1. UNIT B1 REFERS TO THE UPPER-MOST TRANSMISSIVE ZONE WITHIN THE LIMESTONE BEDROCK UNIT.
- MW-0615-B1a — OPEN BEDROCK BOREHOLE (B1a LOCATIONS ARE OPEN BEDROCK BOREHOLES TO A DEPTH OF APPROXIMATELY 150 FT BG CURRENTLY SEALED WITH FLUTe LINERS)
- (<5 U) — TCE CONCENTRATION IN µg/L (JUNE 2009)
- (<5 U) — HISTORIC TCE CONCENTRATION IN µg/L (OCTOBER 2005, MARCH & NOVEMBER 2006 AND NOVEMBER & DECEMBER 2008)
- 5 — ISOCONCENTRATION CONTOUR IN µg/L
- * — B1a DATA IS FROM THE UPPER MOST SAMPLED UNIT

0 100' 200'
GRAPHIC SCALE

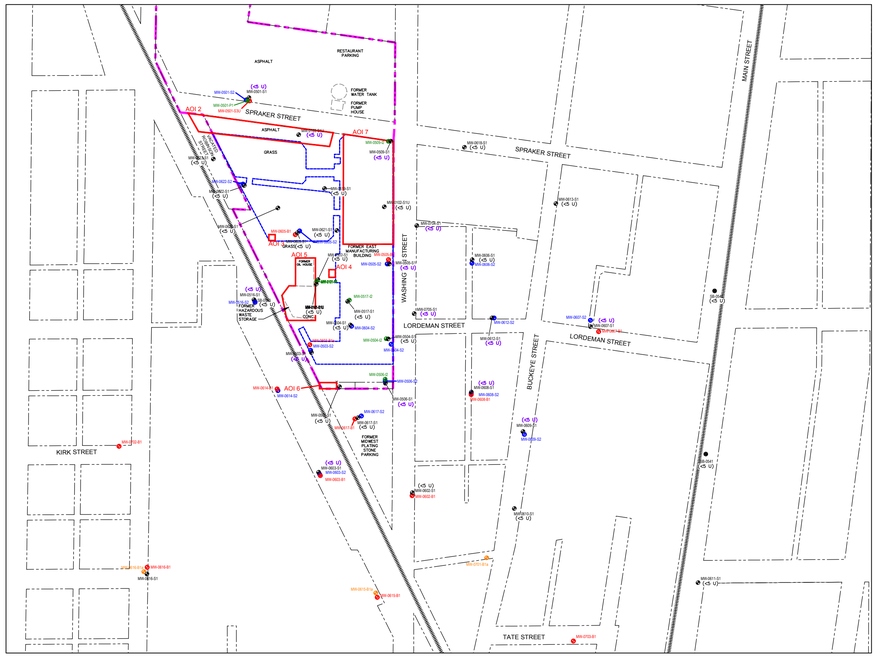
MOTORS LIQUIDATION COMPANY
FORMER GM DELCO PLANT 5
KOKOMO, INDIANA
RCRA FACILITY INVESTIGATION REPORT

TCE GROUNDWATER CONCENTRATION CONTOURS

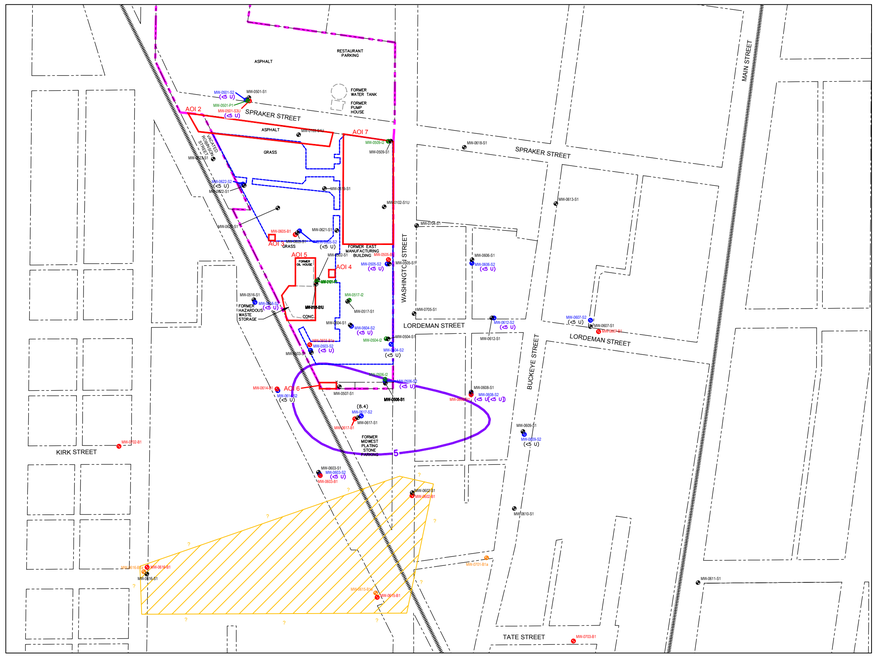
ARCADIS

DRAWING 27

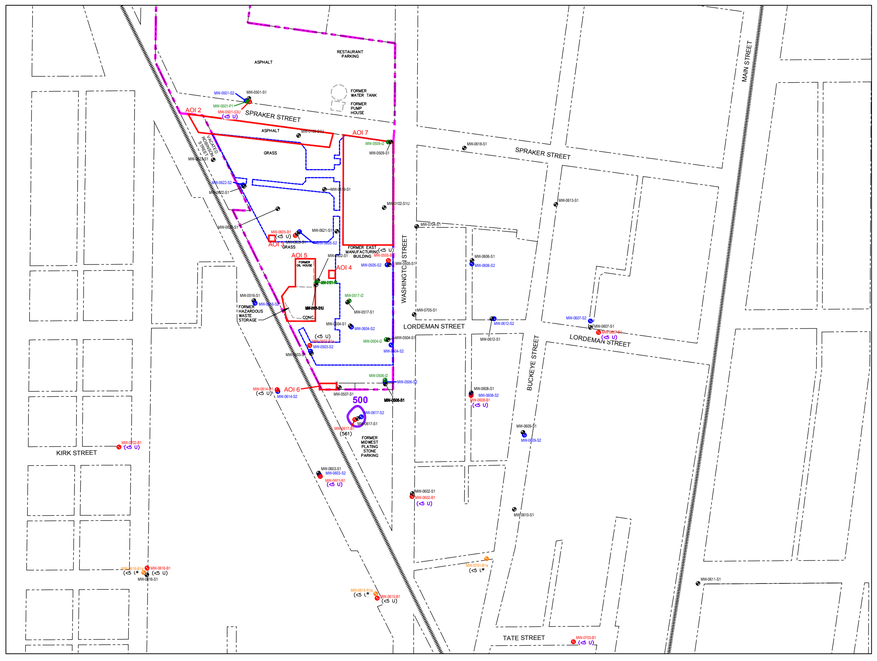
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XREFS:
00743X01
00743XLD
IMAGES:
PROJECTNAME: ----



UNIT S1



UNIT S2



UNIT B1

N

LEGEND

- MW-0501-P1 — MONITORING WELL SCREENED IN DISCONTINUOUS UNIT P1 DENOTES SCREENED INTERVAL IS IN A PERCHED ZONE ABOVE UNIT S1 I2 DENOTES SCREENED INTERVAL IS A SAND UNIT BETWEEN UNITS S1 AND S2
- MW-0603-S1 — MONITORING WELL SCREENED IN UNIT S1
- MW-0603-S2 — MONITORING WELL SCREENED IN UNIT S2
- MW-0603-B1 — MONITORING WELL SCREENED IN UNIT B1. UNIT B1 REFERS TO THE UPPER–MOST TRANSMISSIVE ZONE WITHIN THE LIMESTONE BEDROCK UNIT.
- MW-0615-B1a — OPEN BEDROCK BOREHOLE (B1a LOCATIONS ARE OPEN BEDROCK BOREHOLES TO A DEPTH OF APPROXIMATELY 150 FT BG CURRENTLY SEALED WITH FLUTe LINERS)
- DENOTES AREA WHERE S2 UNIT IS NOT PRESENT
- (<5 U) — PCE CONCENTRATION IN µg/L (JUNE 2009)
- (<5 U) — HISTORIC PCE CONCENTRATION IN µg/L (OCTOBER 2005, MARCH & NOVEMBER 2006 AND NOVEMBER & DECEMBER 2008)
- 5 — PCE ISOCONCENTRATION CONTOUR IN µg/L
- * — B1a DATA IS FROM THE UPPER MOST SAMPLED UNIT

0 100' 200'
GRAPHIC SCALE

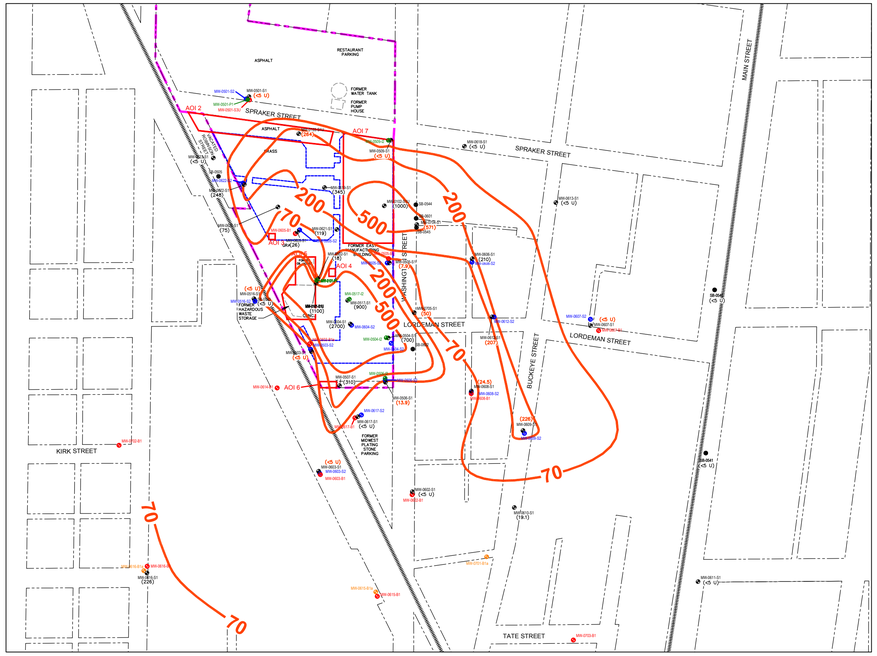
MOTORS LIQUIDATION COMPANY
FORMER GM DELCO PLANT 5
KOKOMO, INDIANA
RCRA FACILITY INVESTIGATION REPORT

PCE GROUNDWATER CONCENTRATION CONTOURS

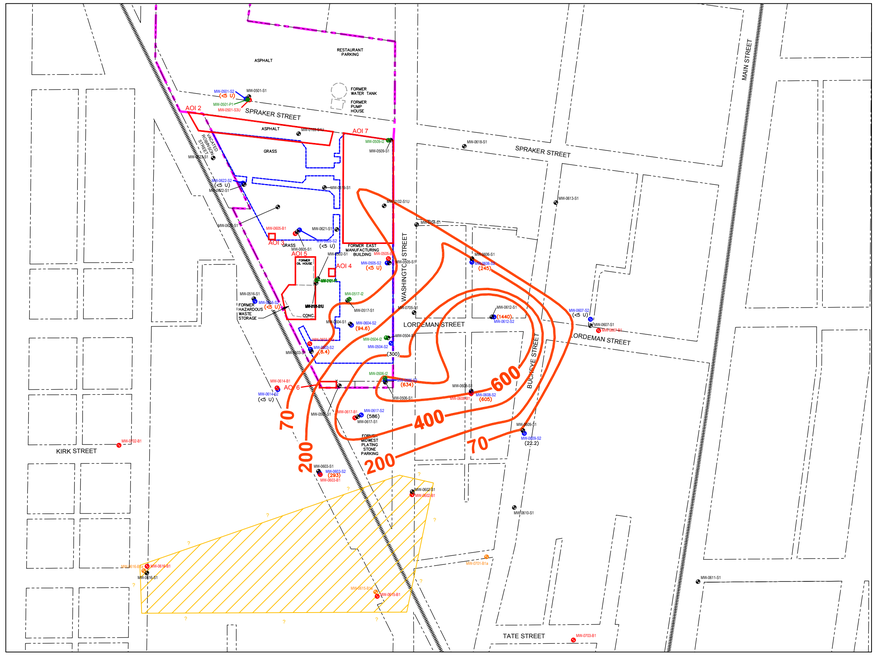
ARCADIS

DRAWING
28

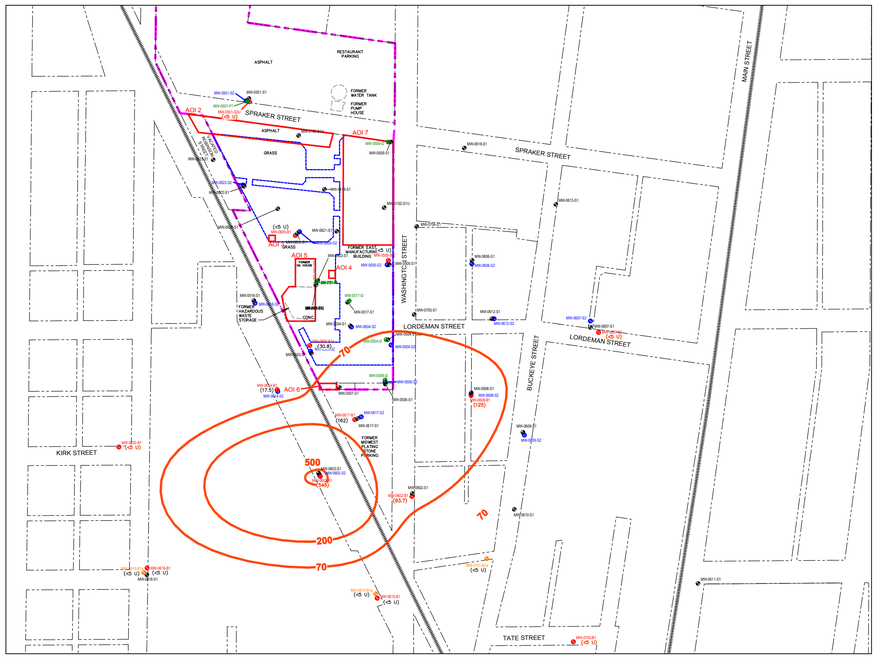
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XREFS: IMAGES: PROJECTNAME: ----
00743X01
00743XLD



UNIT S1



UNIT S2



UNIT B1

N

LEGEND

MW-0501-P1 — MONITORING WELL SCREENED IN DISCONTINUOUS UNIT
P1 DENOTES SCREENED INTERVAL IS IN A PERCHED ZONE ABOVE UNIT S1
I2 DENOTES SCREENED INTERVAL IS A SAND UNIT BETWEEN UNITS S1 AND S2

MW-0603-S1 — MONITORING WELL SCREENED IN UNIT S1

MW-0603-S2 — MONITORING WELL SCREENED IN UNIT S2

MW-0603-B1 — MONITORING WELL SCREENED IN UNIT B1. UNIT B1 REFERS TO THE UPPER-MOST TRANSMISSIVE ZONE WITHIN THE LIMESTONE BEDROCK UNIT.

MW-0615-B1a — OPEN BEDROCK BOREHOLE (B1a LOCATIONS ARE OPEN BEDROCK BOREHOLES TO A DEPTH OF APPROXIMATELY 150 FT BG CURRENTLY SEALED WITH FLUTe LINERS)

DENOTES AREA WHERE S2 UNIT IS NOT PRESENT

(<5 U) — CIS-1,2-DCE CONCENTRATION IN µg/L (JUNE 2009)

(<5 U) — HISTORIC CIS-1,2-DCE CONCENTRATION IN µg/L (OCTOBER 2005, MARCH & NOVEMBER 2006 AND NOVEMBER & DECEMBER 2008)

70 — ISOCONCENTRATION CONTOUR IN µg/L

* B1a DATA IS FROM THE UPPER MOST SAMPLED UNIT

0 100' 200'
GRAPHIC SCALE

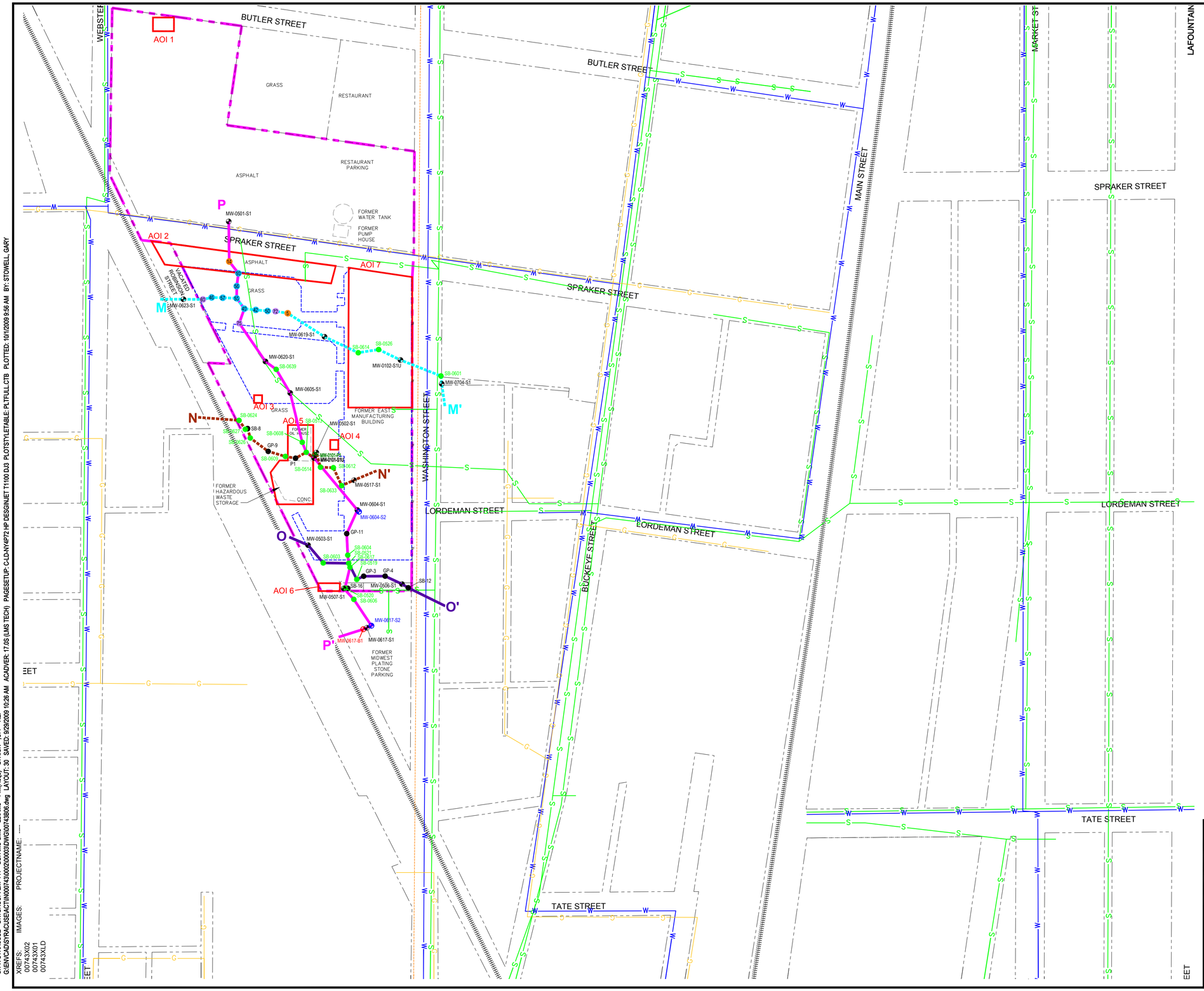
MOTORS LIQUIDATION COMPANY
FORMER GM DELCO PLANT 5
KOKOMO, INDIANA
RCRA FACILITY INVESTIGATION REPORT

CIS-1,2-DCE GROUNDWATER CONCENTRATION CONTOURS

ARCADIS

DRAWING
29

CITY: SYRACUSE DIV/GROUP: ENV-141 DB: GMS A.Schilling LD: AMS PM:(Reqd) LYR:ON=*;OFF=*REF
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XREFS: IMAGES: PROJECTNAME: ----
00743X01
00743XLD



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XREFS:
00743X02
00743X01
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IMAGES:

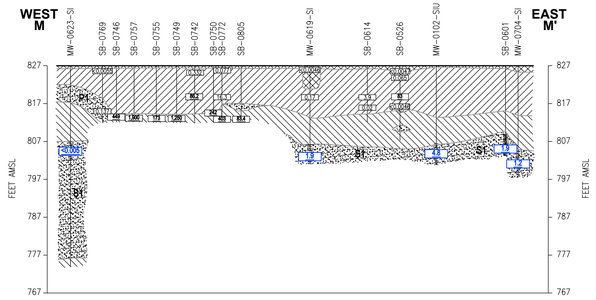
PROJECTNAME:

MOTORS LIQUIDATION COMPANY
FORMER GM DELCO PLANT 5
KOKOMO, INDIANA
RCRA FACILITY INVESTIGATION REPORT

CROSS SECTION REFERENCE FOR CROSS SECTIONS WITH SOIL AND GROUNDWATER TCE RESULTS

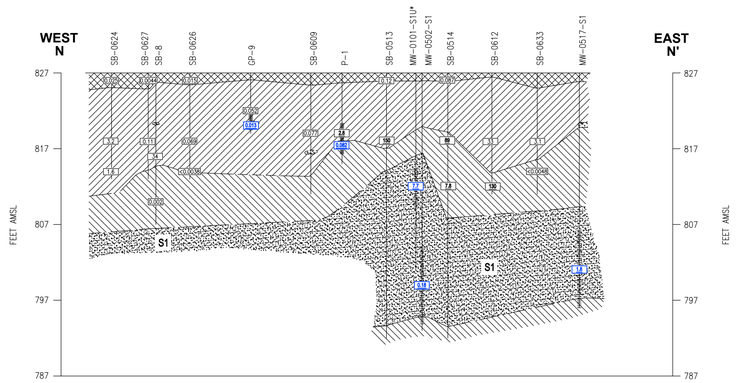
ARCADIS

DRAWING
30



CROSS-SECTION M-M'

SEE GRAPHIC SCALES

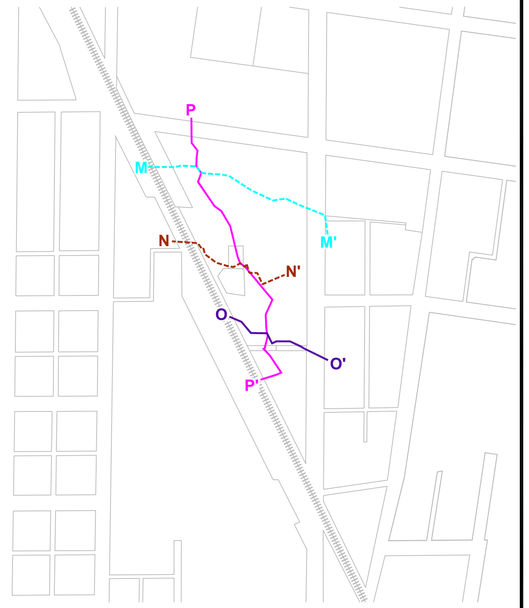


CROSS-SECTION N-N'

SEE GRAPHIC SCALES

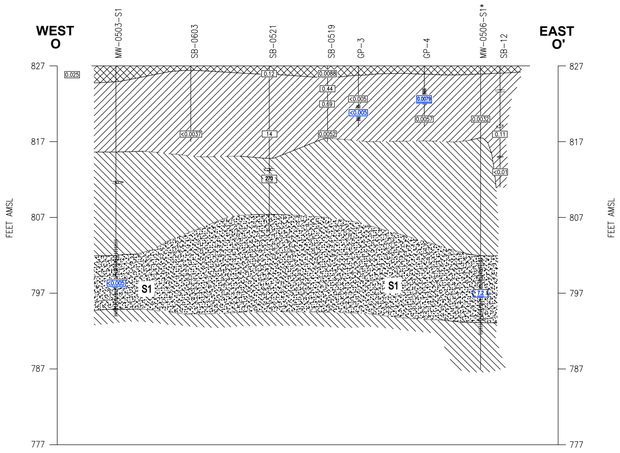
LEGEND:

- FILL/TOPSOIL/GRAVEL/ASPHALT
- PLASTIC CLAY
- SAND
- TILL
- MONITORING WELL SCREENED INTERVAL
- GEOBROBE SCREENED INTERVAL
- S1/S2/B1 — SATURATED UNIT ID
- P1 — INDICATES DISCONTINUOUS SATURATED SAND UNIT ABOVE UNIT S1
- I2 — INDICATES DISCONTINUOUS SATURATED SAND UNIT BETWEEN UNITS S1 AND S2
- ▼ — DEPTH TO WATER DATA (10/2007)
- <0.005 — TRICHLOROETHENE SOIL DATA (mg/kg)
- <0.005 — TRICHLOROETHENE GROUNDWATER DATA (mg/L)
- 130 / 4.8 — DENOTES SOIL AND/OR GROUNDWATER EXCEEDS SCREENING CRITERIA.



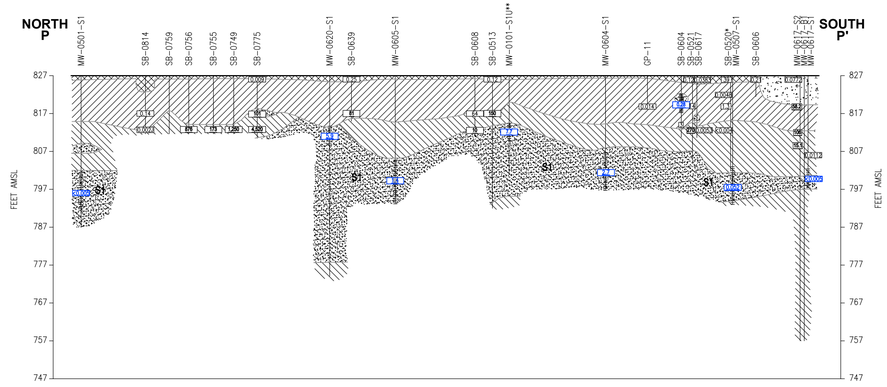
CROSS-SECTION LOCATIONS

NOT TO SCALE



CROSS-SECTION O-O'

SEE GRAPHIC SCALES



CROSS-SECTION P-P'

SEE GRAPHIC SCALES

0 20' 40'
VERTICAL SCALE

0 200' 400'
HORIZONTAL SCALE

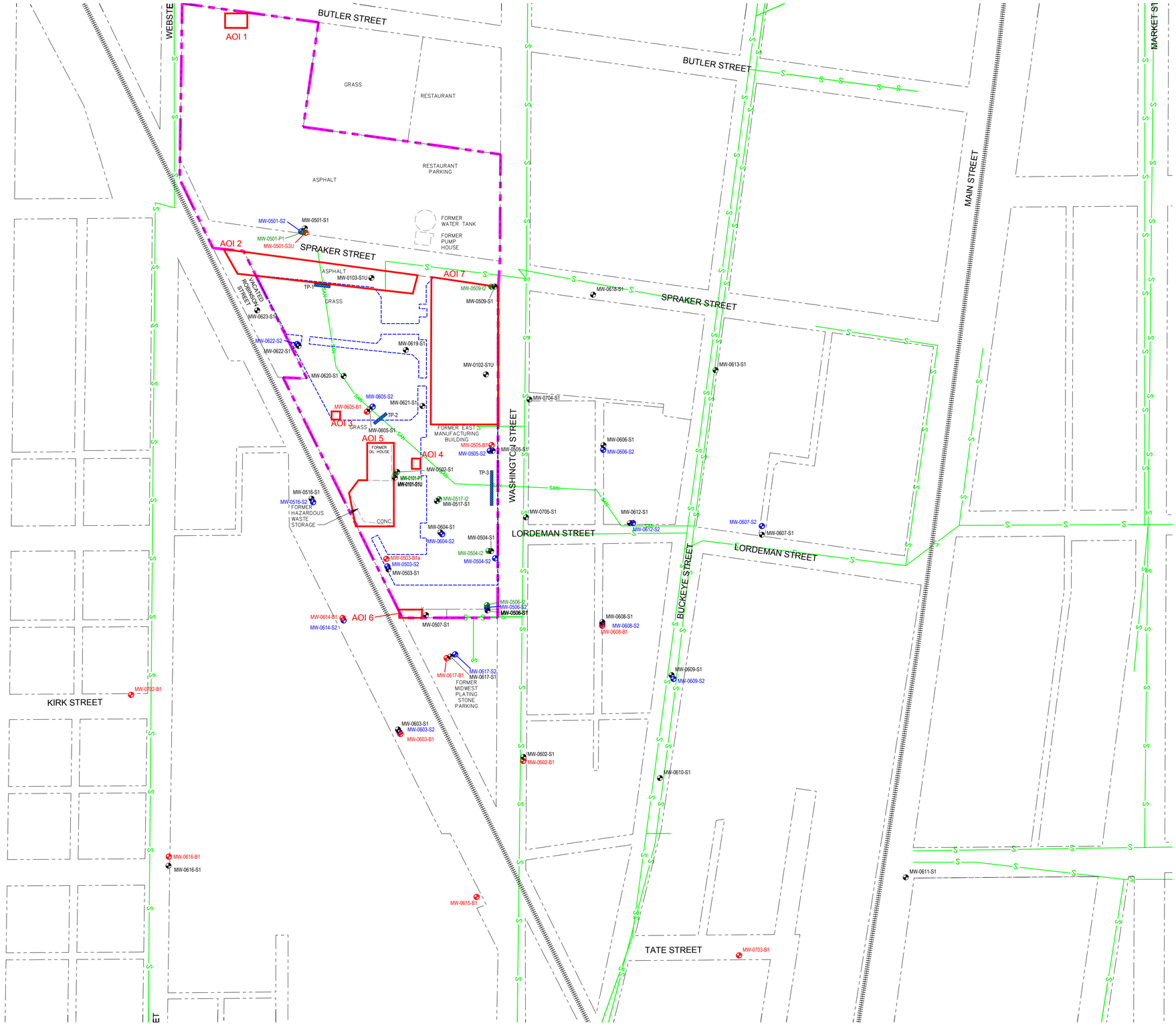
MOTORS LIQUIDATION COMPANY
FORMER GM DELCO PLANT 5
KOKOMO, INDIANA
RCRA FACILITY INVESTIGATION REPORT

CROSS SECTIONS M -M', N - N', O - O', AND P - P' WITH SOIL AND GROUNDWATER TCE RESULTS

ARCADIS

DRAWING
31

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XREFS: PROJECTNAME: ----
IMAGES: 00743XLD



MOTORS LIQUIDATION COMPANY
FORMER GM DELCO PLANT 5
KOKOMO, INDIANA
RCRA FACILITY INVESTIGATION REPORT

TEST PITS TO LOCATE WILLIAM B. MORGAN SEWER DECEMBER 4, 2007

ARCADIS

DRAWING
32

CITY:Syracuse DIV/GROUP:Env-141 DB:AMS LD:A.Schilling PIC:(Opt) PM:(Reqd) TM:(Opt) LYR:(Opt)ON=*;OFF=*REF*
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XREFS:
00743X01
00743XLD
IMAGES:
PROJECTNAME: ----



SGP-0701	8/13/2007	9/17/2007
	ppbv	Port
TCE	<1.1 U	Damaged
Cis-1,2-DCE	<1.1 U	During
Trans-1,2-DCE	<1.1 U	Roadwork;
1,1-DCE	<1.1 U	Port
VC	<1.1 U	Abandoned
Soil Moisture (%) (5-6 ft bg)	16.5	

SGP-0707	9/17/2007
	ppbv
TCE	<1.1 U
Cis-1,2-DCE	<1.1 U
Trans-1,2-DCE	<1.1 U
1,1-DCE	<1.1 U
VC	<1.1 U
Soil Moisture (%) (5.5 - 6.0 ft bg)	18.1

SGP-0708	9/17/2007
	ppbv
TCE	8.1
Cis-1,2-DCE	<1.2 U
Trans-1,2-DCE	<1.2 U
1,1-DCE	<1.2 U
VC	<1.2 U
Soil Moisture (%) (5.5-6.0 ft bg)	14.4

SGP-0706	9/17/2007
	ppbv
TCE	<1.1 U
Cis-1,2-DCE	<1.1 U
Trans-1,2-DCE	<1.1 U
1,1-DCE	<1.1 U
VC	<1.1 U
Soil Moisture (%) (5.5 - 6.0 ft bg)	17.3

SGP-0704	8/13/2007	8/13/2007 Duplicate	9/17/2007	9/17/2007 Duplicate
	ppbv	ppbv	ppbv	ppbv
TCE	16 J	7.9 J	6.3	6.8
Cis-1,2-DCE	5.3 J	<1.1 UJ	<1.1 U	<1.1 U
Trans-1,2-DCE	<1.2 U	<1.1 U	<1.1 U	<1.1 U
1,1-DCE	<1.2 U	<1.1 U	<1.1 U	<1.1 U
VC	<1.2 U	<1.1 U	<1.1 U	<1.1 U
Soil Moisture (%) (5.5 to 6.5 ft bg)	9.8			

SGP-0702	8/13/2007	9/17/2007
	ppbv	ppbv
TCE	<1.1 U	<1.1 U
Cis-1,2-DCE	<1.1 U	<1.1 U
Trans-1,2-DCE	<1.1 U	<1.1 U
1,1-DCE	<1.1 U	<1.1 U
VC	<1.1 U	<1.1 U
Soil Moisture (%) (5-6 ft bg)	11.3	

SGP-0709	9/17/2007
	ppbv
TCE	<1.1 U
Cis-1,2-DCE	<1.1 U
Trans-1,2-DCE	<1.1 U
1,1-DCE	<1.1 U
VC	<1.1 U
Soil Moisture (%) (5.5-6.0 ft bg)	15.5

SGP-0703	8/13/2007	9/17/2007
	ppbv	ppbv
TCE	<1.1 U	NA
Cis-1,2-DCE	<1.1 U	NA
Trans-1,2-DCE	<1.1 U	NA
1,1-DCE	<1.1 U	NA
VC	<1.1 U	NA
Soil Moisture (%) (5-6 ft bg)	15.9	

SGP-0705	8/13/2007	9/17/2007
	ppbv	ppbv
TCE	<1.1 U	<1.0 U
Cis-1,2-DCE	<1.1 U	<1.0 U
Trans-1,2-DCE	<1.1 U	<1.0 U
1,1-DCE	<1.1 U	<1.0 U
VC	<1.1 U	<1.0 U
Soil Moisture (%) (5-6 ft bg)	9.7	

SGP-0710	9/17/2007
	ppbv
TCE	<1.1 U
Cis-1,2-DCE	<1.1 U
Trans-1,2-DCE	<1.1 U
1,1-DCE	<1.1 U
VC	<1.1 U
Soil Moisture (%) (5.3-5.8 ft bg)	11

SGP-0711	9/17/2007
	ppbv
TCE	<1.1 U
Cis-1,2-DCE	<1.1 U
Trans-1,2-DCE	<1.1 U
1,1-DCE	<1.1 U
VC	<1.1 U
Soil Moisture (%) (5.5 - 6.0 ft bg)	15.9

PHASE II MONITORING WELL
PHASE III MONITORING WELL
PHASE IV SOIL GAS PORT
PHASE IV SOIL GAS PORT STEP-OUT (SEPT. 2007)

J - ESTIMATED VALUE
NA - NOT ANALYZED (WATER FROM PORT ENTERED SUMMA CANISTER)
U - ANALYTE WAS ANALYZED FOR BUT NOT DETECTED

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Area Manager: S. GLENN
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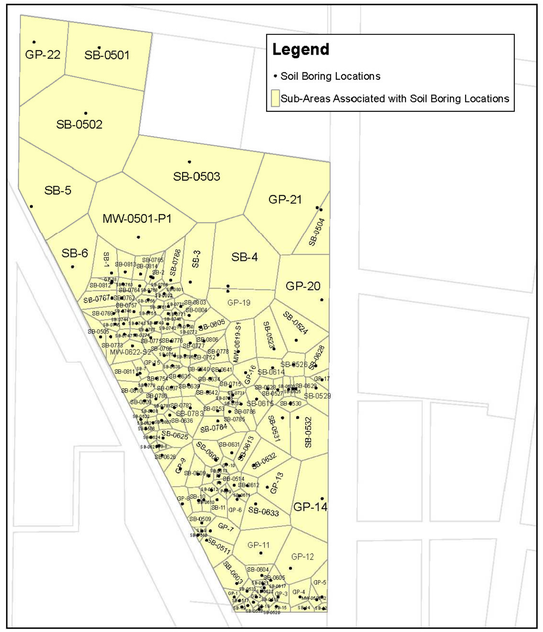
GENERAL MOTORS CORPORATION
FORMER GM DELCO PLANT 5

SOIL GAS SAMPLING RESULTS

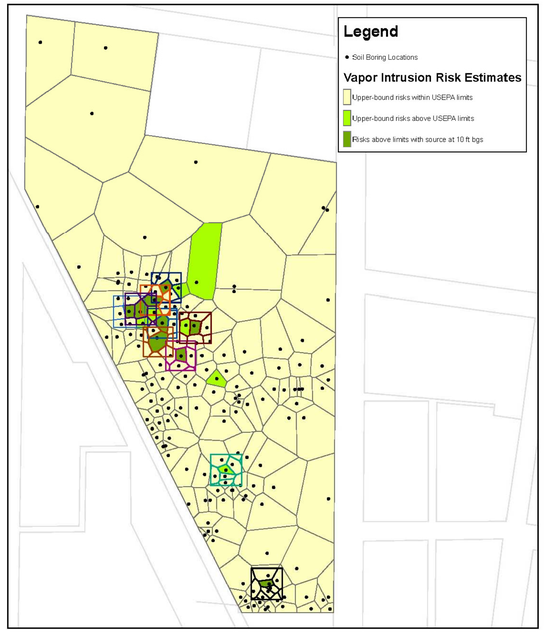
KOKOMO, INDIANA

Project Number: IN000743.0002
Drawing Date: 9/24/2007
Drawing: 33

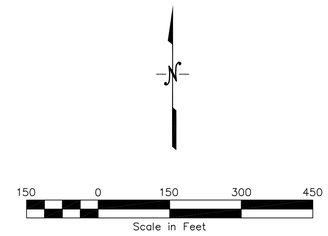
Current Plotstyle : ByLayer
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Date\Time : Fri, 26 Oct 2007 - 2:59pm
Path\Name : C:\ARCADIS\Projects\GM - DELCO, Plant 5\RFI Work Plan\Phase IV\Soil Gas Sampling\Final Data Report\Soil Gas Sampling Results Drawings\Soil Gas Sampling Results.dwg
Acad Version : R16.2s (LMS Tech)
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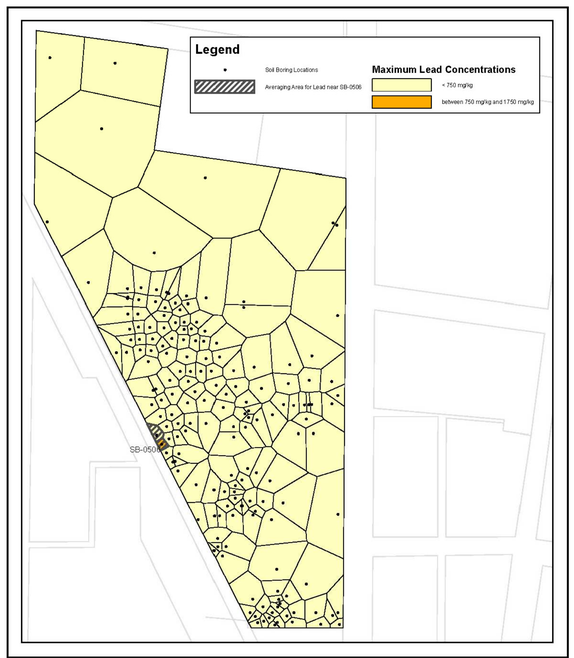


Drawing 34A
Soil Boring Locations and Associated Sub-Areas

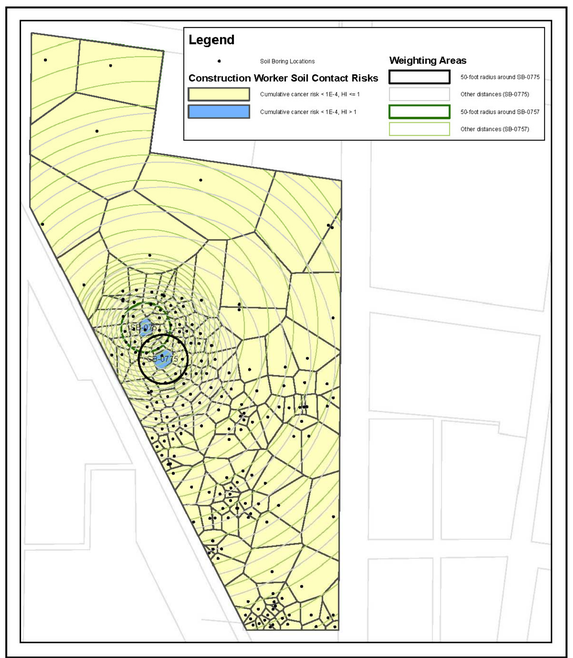


Drawing 34B
Upper-Bound Estimates of Routine Worker Exposure to Soil via Vapor Intrusion

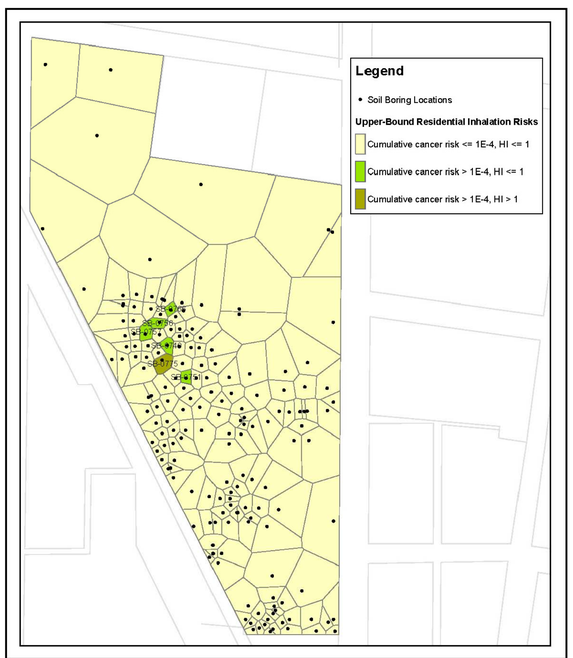




Drawing 34C
Maximum Lead Concentrations in Soil



Drawing 34D
Upper-Bound Estimates of Construction Worker Exposure to Soil



Drawing 34E
Upper-Bound Estimates of Off-Site Residential Exposure to On-Site Soil via Inhalation

HUMAN HEALTH RISK ASSESSMENT 34 DRAWINGS	ENVIRON 214 CARNEGIE CENTER, PRINCETON, NJ 08540 www.environcorp.com			
MOTORS LIQUIDATION COMPANY FORMER GM DELCO PLANT 5 KOKOMO, INDIANA RCRA FACILITY INVESTIGATION REPORT	09/29/09 DATE	AS SHOWN SCALE	14249AC01 CADD FILE	10/5/09 PLOT DATE
	BAS DESIGNED BY	BAS/TSP DRAFTED BY	FCR APPROVED BY	

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