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FIGURES

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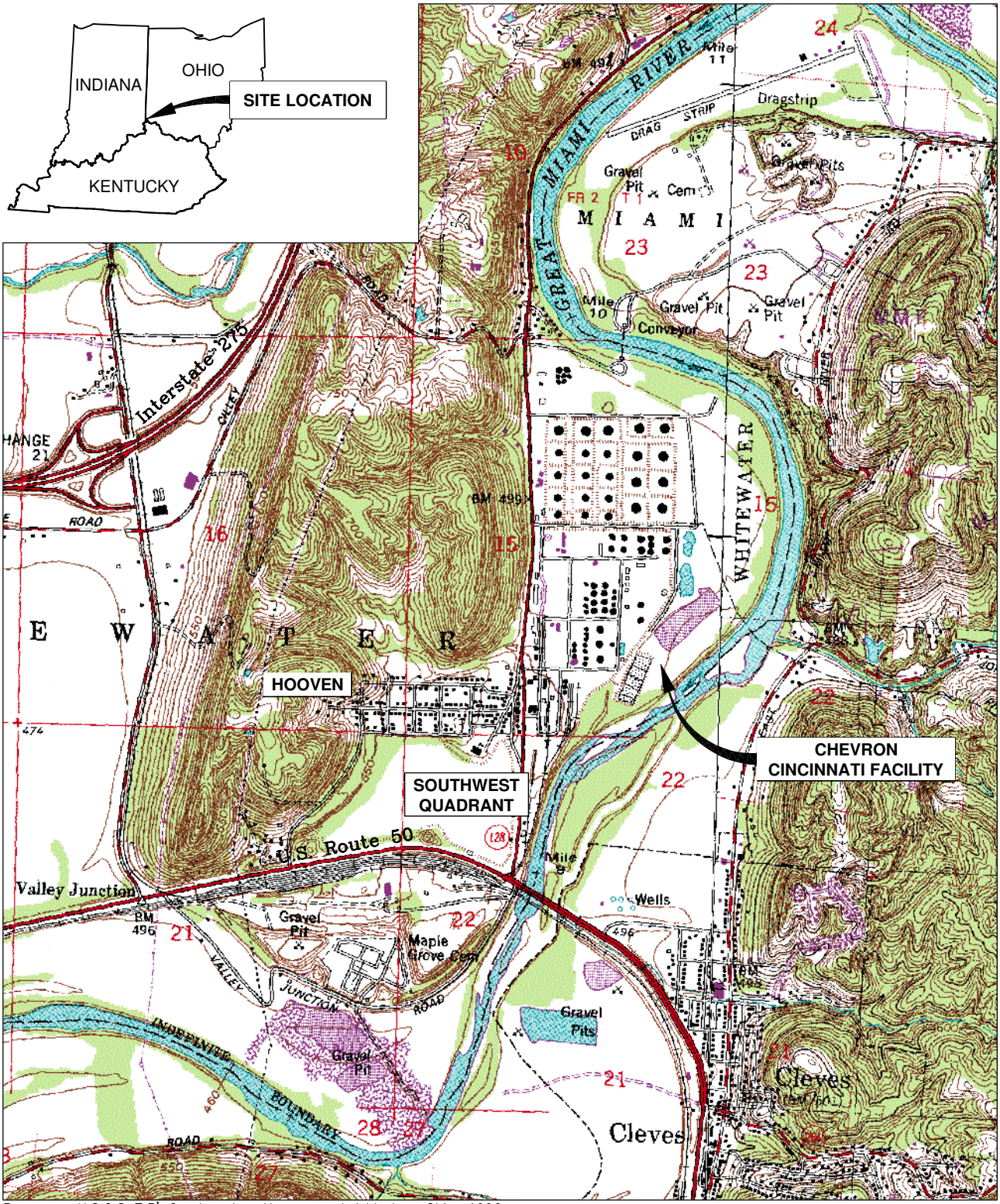

Basemap: U.S.G.S 7.5' Quadrangles, Hooven and Addyston, Ohio, 1996

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FIGURE 1

SITE LOCATION MAP

CHEVRON CINCINNATI FACILITY
HOOVEN, OHIO

Drawn By: DC	Checked By: MC	Scale: 1" = 2000'	Date: 8/17/05	File: 500IMUSGSSITE

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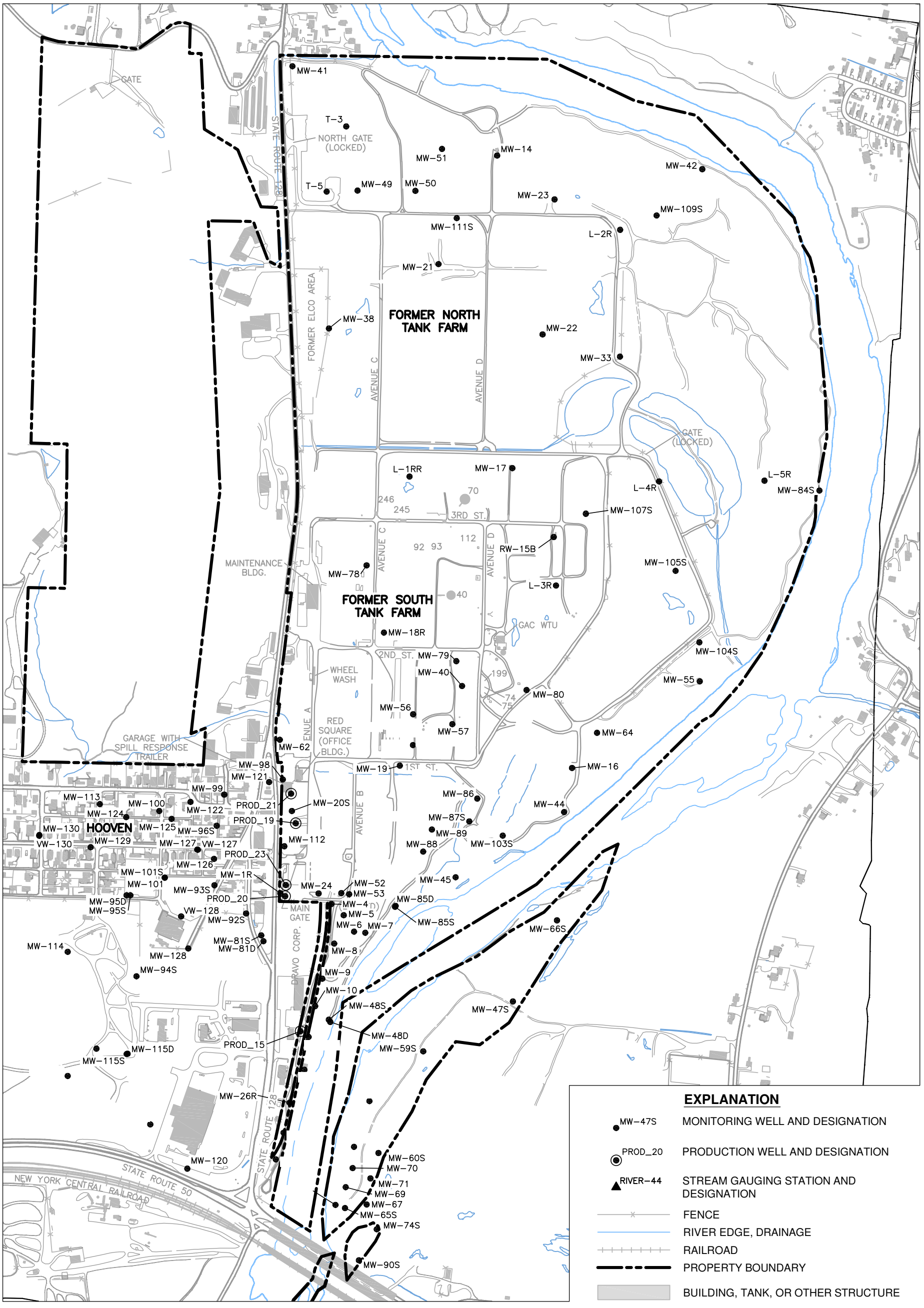

EXPLANATION

- MW-47S — MONITORING WELL AND DESIGNATION
- PROD_20 — PRODUCTION WELL AND DESIGNATION
- RIVER-44 — STREAM GAUGING STATION AND DESIGNATION
- FENCE
- RIVER EDGE, DRAINAGE
- RAILROAD
- PROPERTY BOUNDARY
- BUILDING, TANK, OR OTHER STRUCTURE

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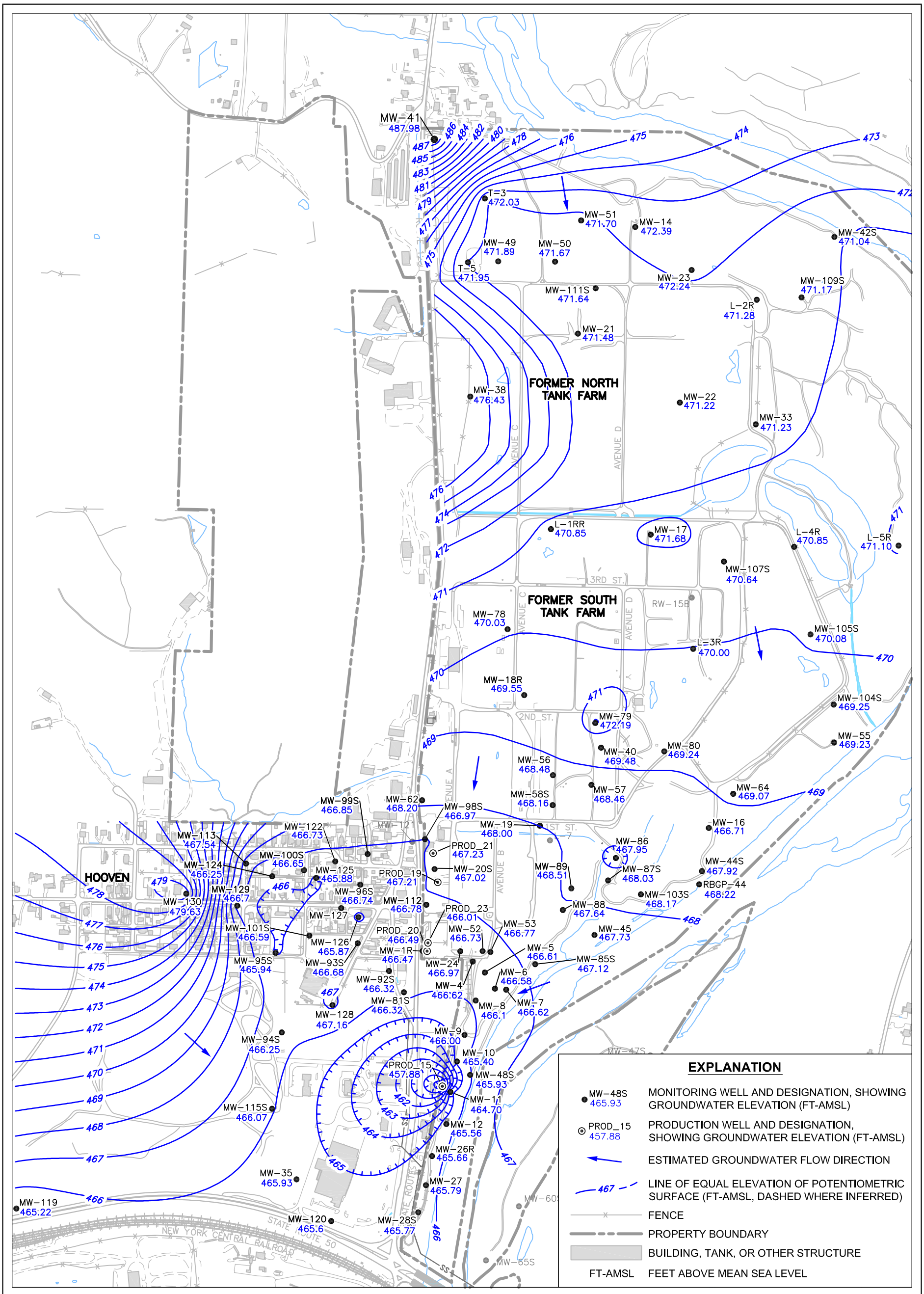
FIGURE 2

SITE LAYOUT MAP

CHEVRON CINCINNATI FACILITY
HOOVEN, OHIO

Drawn By: VLP	Checked By: MC	Scale: 1" = 600'	Date: 8/15/05	File: 500IMFACMAP



NOTE:

FLUID LEVEL ELEVATIONS REPORTED IN FEET ABOVE MEAN SEA LEVEL

N

0 600'

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FIGURE 3
SITE WIDE
POTENTIOMETRIC SURFACE MAP
(MAY 26, 2006)

CHEVRON CINCINNATI FACILITY
HOOVEN, OHIO

Drawn By: VLP	Checked By: PM	Scale: 1"=600'	Date: 8/28/06	File: 500SW-PS20060526

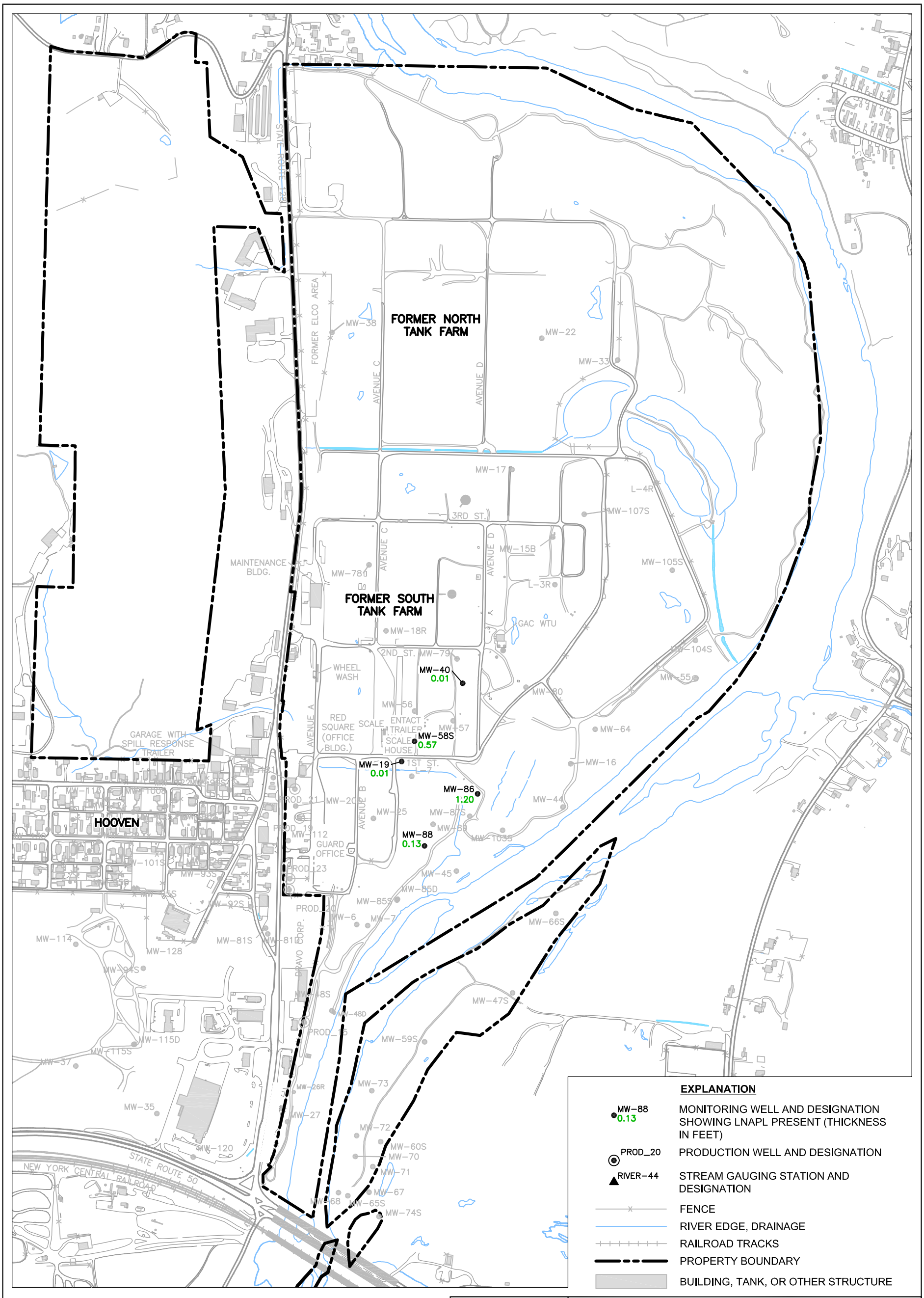

FIGURE 4

LNAPL THICKNESSES (MAY 26, 2006)

CHEVRON CINCINNATI FACILITY HOOVEN, OHIO

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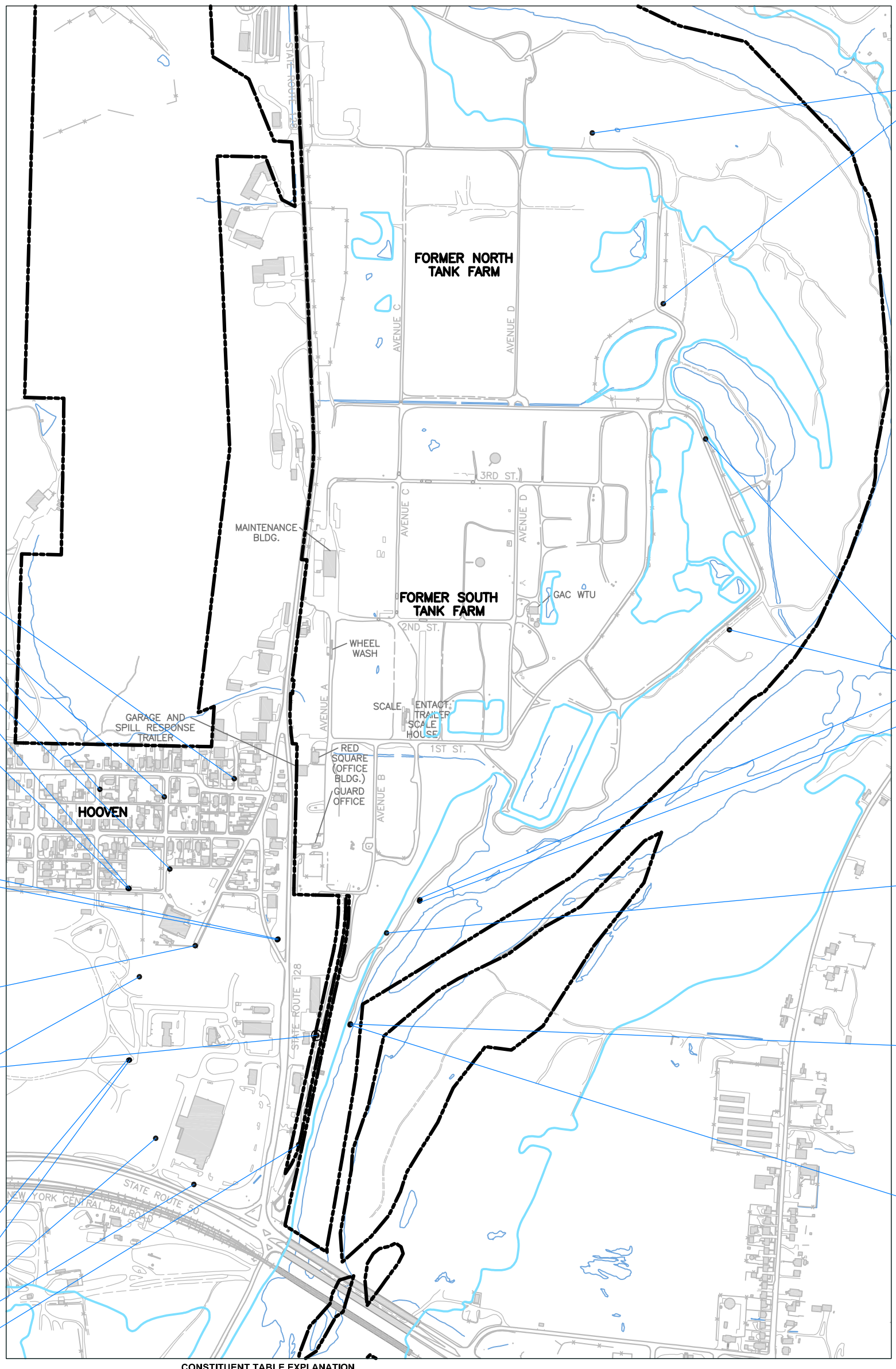
Drawn By: VLP	Checked By: DL	Scale: 1" = 600'	Date: 8/14/06	File: 500IMLNAPL200605



EXPLANATION

- MW-120 — MONITORING WELL AND DESIGNATION
- FENCE
- RIVER EDGE, DRAINAGE
- RAILROAD TRACKS
- PROPERTY BOUNDARY
- BUILDING, TANK, OR OTHER STRUCTURE
- ND — NOT DETECTED AT THE INDICATED LABORATORY LIMIT
- J — ANALYTE CONCENTRATION LESS THAN THE LABORATORY LIMIT
- VOC's — VOLATILE ORGANIC CONSTITUENTS

CONSTITUENT TABLE EXPLANATION

WELL DESIGNATION	MW-74S	SAMPLE DATE
ACETONE	A	
2-BUTANONE	2B	
BENZENE	B	
CYCLOHEXANE	CH	
ETHYLBENZENE	E	
HEXANE	H	
ISOPROPYLBENZENE	IPB	
NAPHTHALENE	N	
TOTAL XYLENES	X	
n-BUTYLBENZENE	n-BB	
n-PROPYLBENZENE	n-PB	
sec-BUTYLBENZENE	s-BB	
TOLUENE	T	
1,2,4-TRIMETHYLBENZENE	1,2,4-TMB	
1,3,5-TRIMETHYLBENZENE	1,3,5-TMB	

CONCENTRATIONS REPORTED IN MILLIGRAMS PER LITER

N

0 400' 800'

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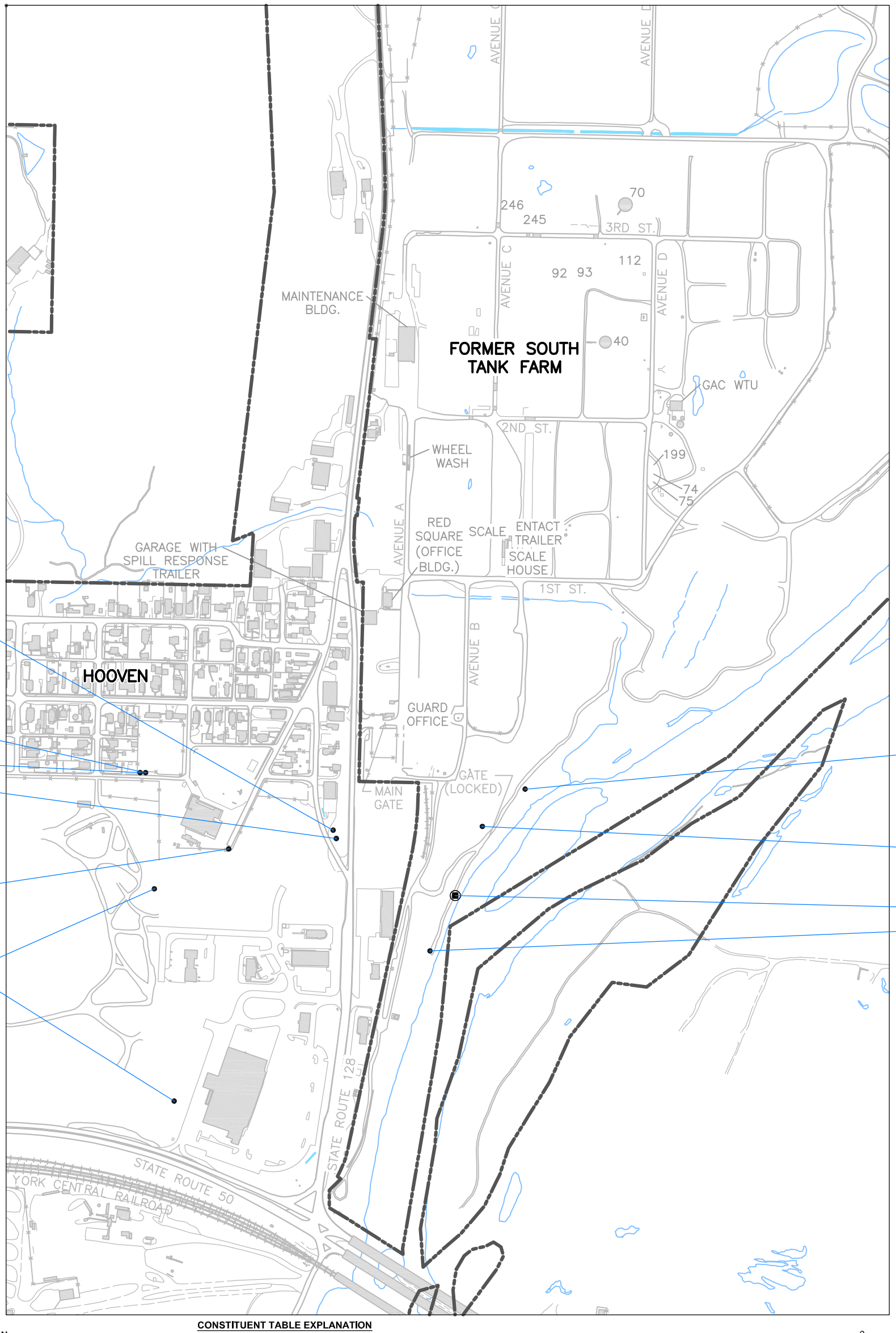
FIGURE 5

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR VOCs (MARCH, APRIL 2006)

CHEVRON CINCINNATI FACILITY HOOVEN, OHIO

Drawn By: VLP	Checked By: JH	Scale: 1" = 400'	Date: 8/14/06	File: 500IM_VOCGWQ200604



EXPLANATION

- MONITORING WELL LOCATION
- TEMPORARY MONITORING WELL LOCATION
- FENCE
- RIVER EDGE, DRAINAGE
- RAILROAD TRACKS
- PROPERTY BOUNDARY
- BUILDING, TANK, OR OTHER STRUCTURE
- ND — NOT DETECTED AT THE INDICATED LABORATORY LIMIT
- J — ANALYTE CONCENTRATION LESS THAN THE LABORATORY LIMIT
- SVOC's — SEMI VOLATILE ORGANIC CONSTITUENTS

CONSTITUENT TABLE EXPLANATION

WELL DESIGNATION	MW-81S	3/27/06 ← SAMPLE DATE
2,4-DIMETHYLPHENOL	2,4-DMP	0.003J
1-METHYLNAPHTHALENE	1MN	0.089
2-METHYLNAPHTHALENE	2MN	0.004J
ACENAPHTHENE	Apt	0.002J
BIS(2-ETHYLHEXYL)PHTHALATE	Behp	0.004J
DIBENZOFURAN	DF	0.001J
DI-N-OCTYLPHTHALATE	Dnop	0.004J
FLUORENE	Flu	0.002J
INDENE	I	0.01
NAPHTHALENE	N	0.048
PHENOL	P	0.004J
PHENANTHRENE	Pnt	0.003J
	All Others	ND

CONCENTRATIONS REPORTED IN MILLIGRAMS PER LITER

N

0 300' 600'

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FIGURE 6

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR SVOCs (MARCH, APRIL 2006)

CHEVRON CINCINNATI FACILITY HOOVEN, OHIO

Drawn By: VLP	Checked By: JH	Scale: 1" = 300'	Date: 8/27/07	File: 500IM_SVOCGWQ200605

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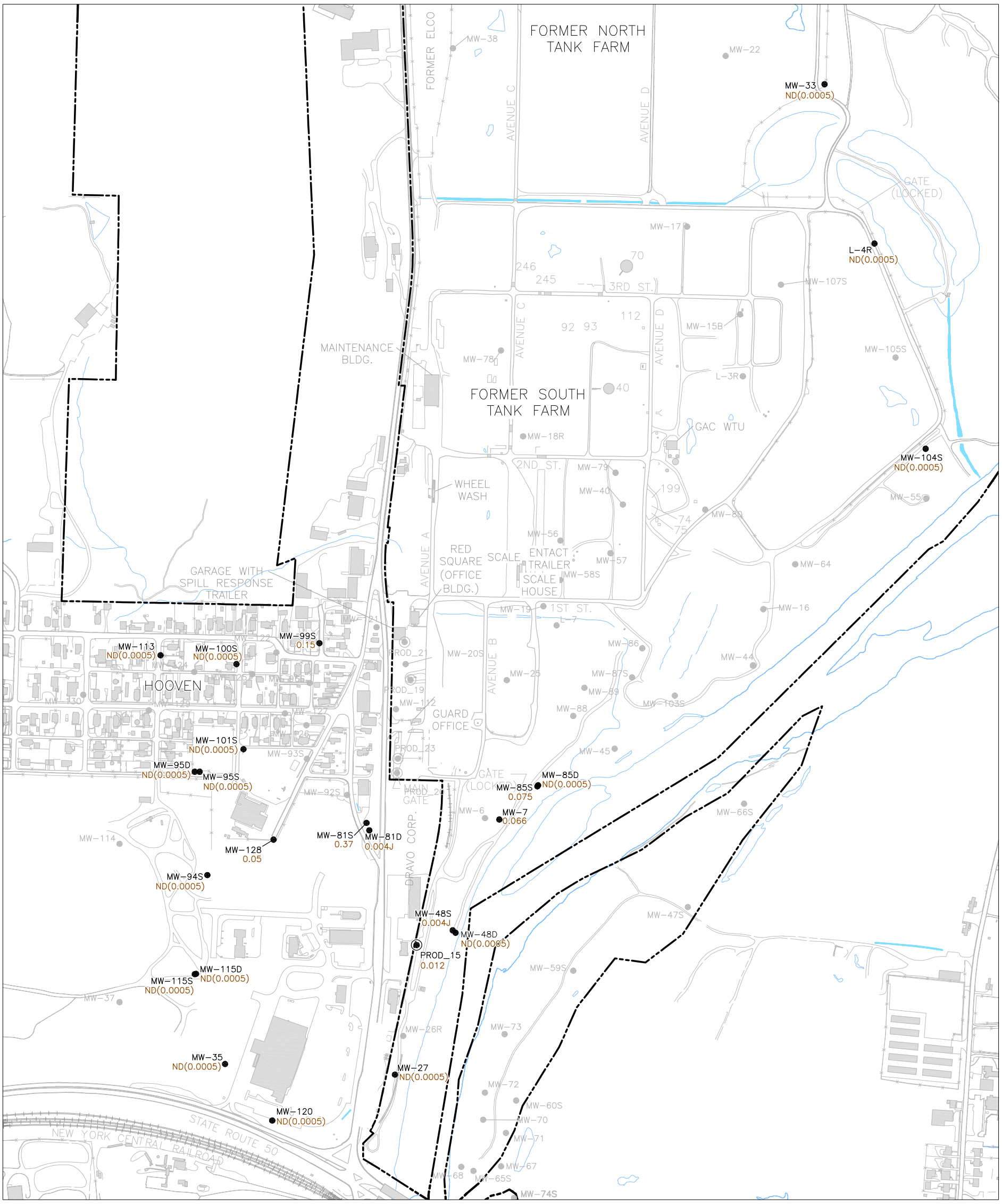

EXPLANATION

- MW-120 ND(0.0005) — MONITORING WELL AND DESIGNATION (SHOWING BENZENE CONCENTRATION)
- PROD_15 0.012 — PRODUCTION WELL AND DESIGNATION (SHOWING BENZENE CONCENTRATION)
- FENCE
- RIVER EDGE, DRAINAGE
- RAILROAD TRACKS
- PROPERTY BOUNDARY
- BUILDING, TANK, OR OTHER STRUCTURE

N

0 350' 700'

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FIGURE 7

BENZENE CONCENTRATION MAP (MARCH, APRIL 2006)

CHEVRON CINCINNATI FACILITY HOOVEN, OHIO

Drawn By: VLP	Checked By: DL	Scale: 1" = 350'	Date: 7/31/06	File: 500HRABENZENE200605