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FIGURES

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

N

0 2000'

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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

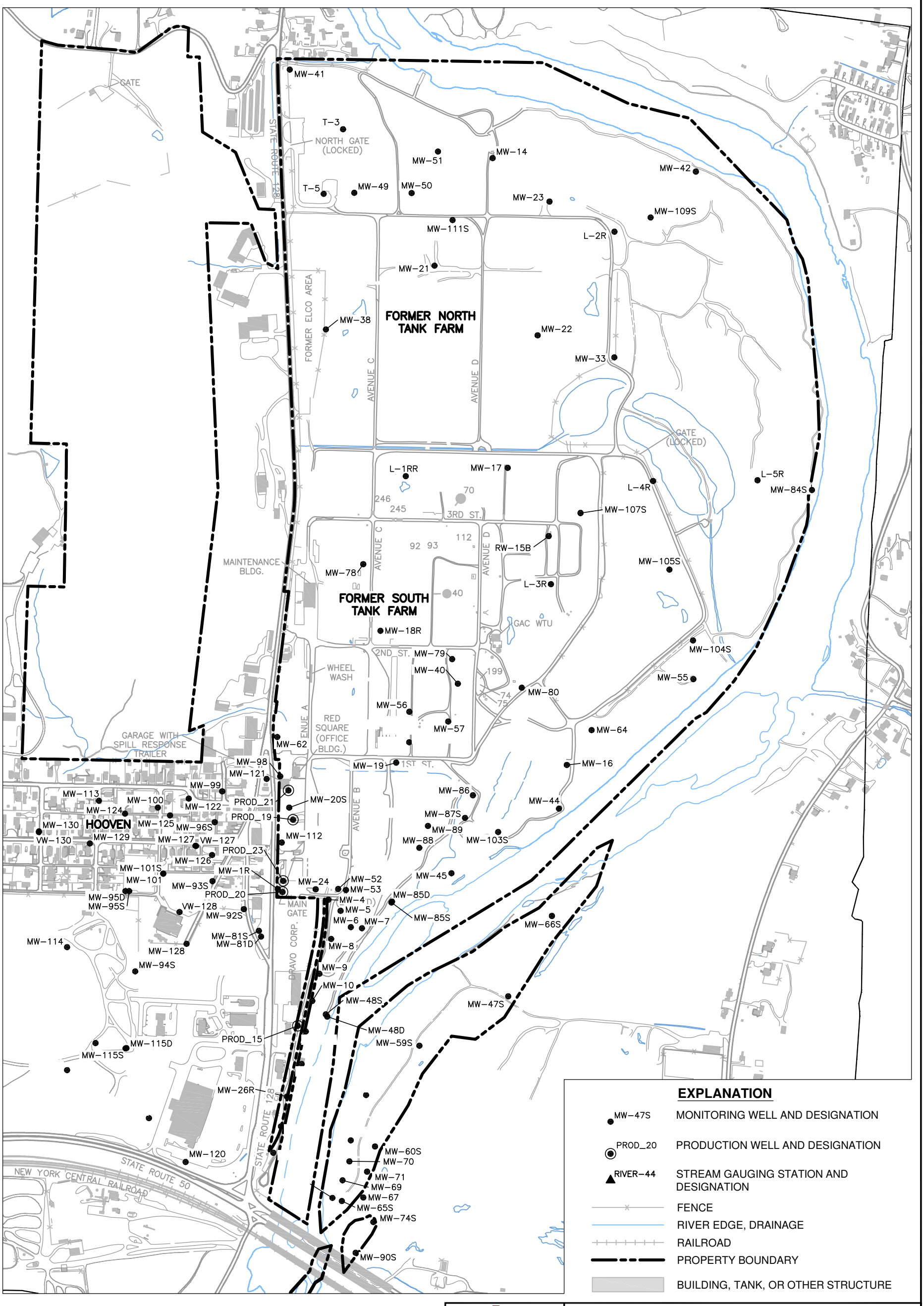

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FIGURE 2

SITE LAYOUT MAP

CHEVRON CINCINNATI FACILITY
HOOVEN, OHIO

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

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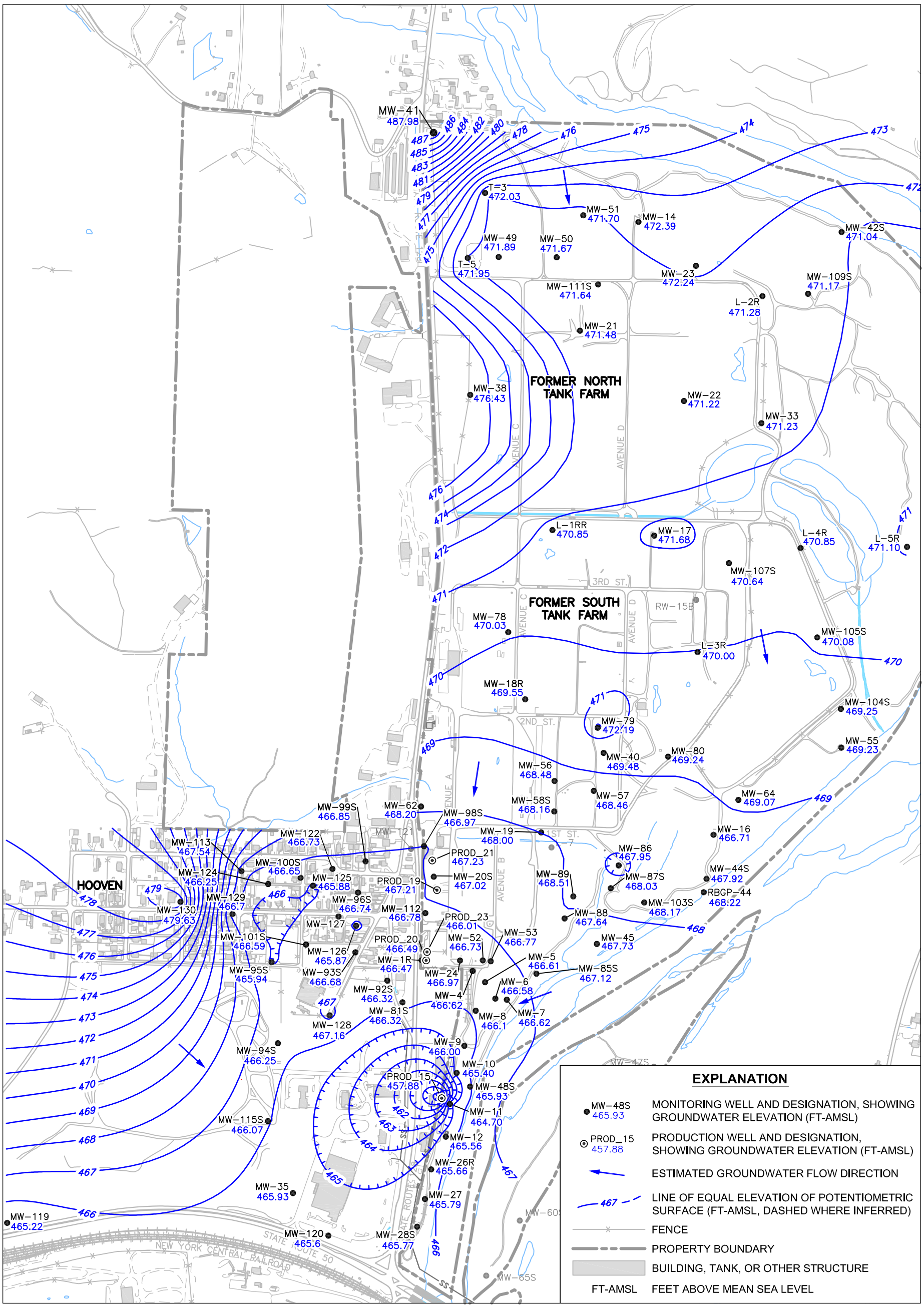

NOTE:

FLUID LEVEL ELEVATIONS REPORTED IN FEET ABOVE MEAN SEA LEVEL

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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

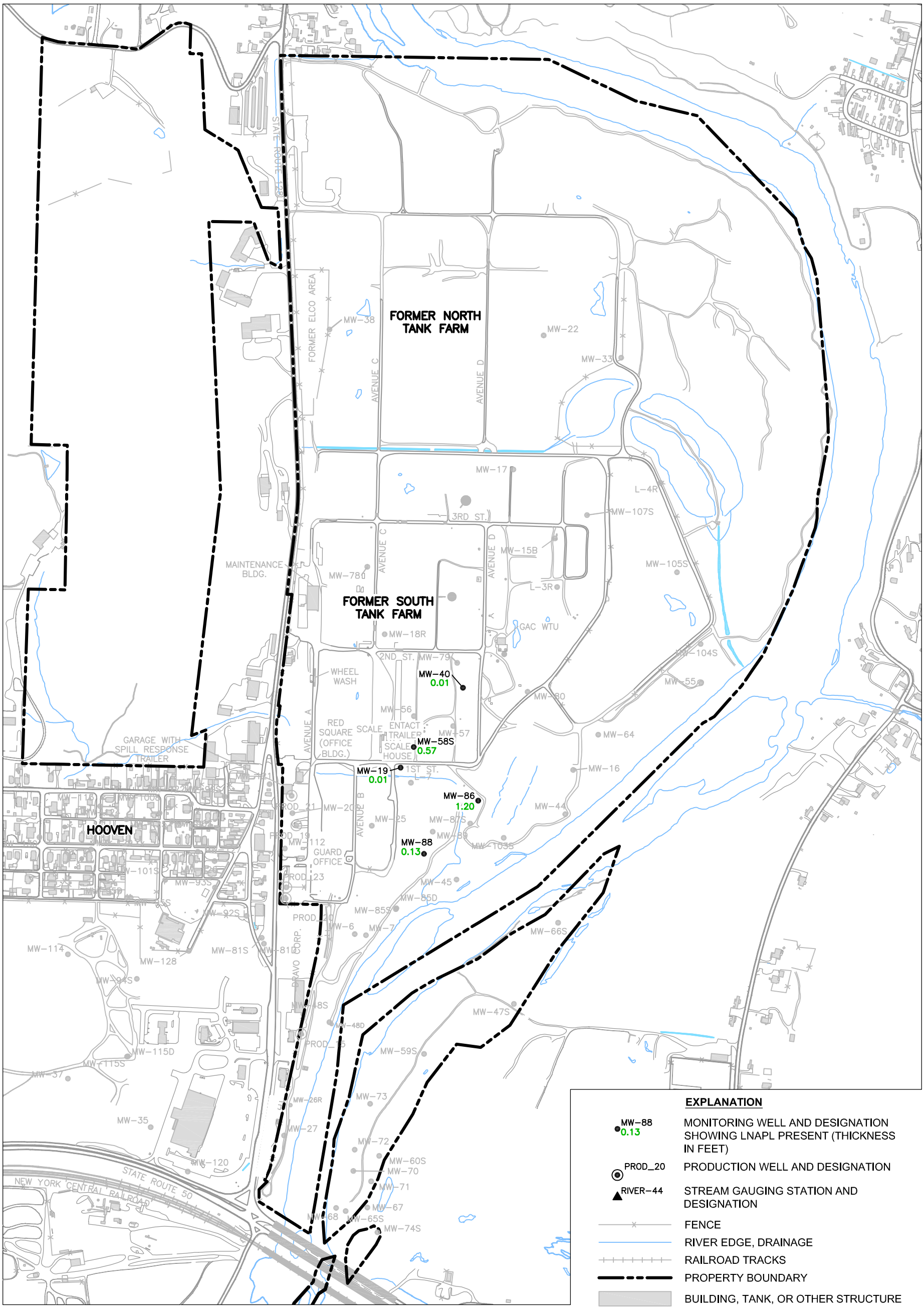

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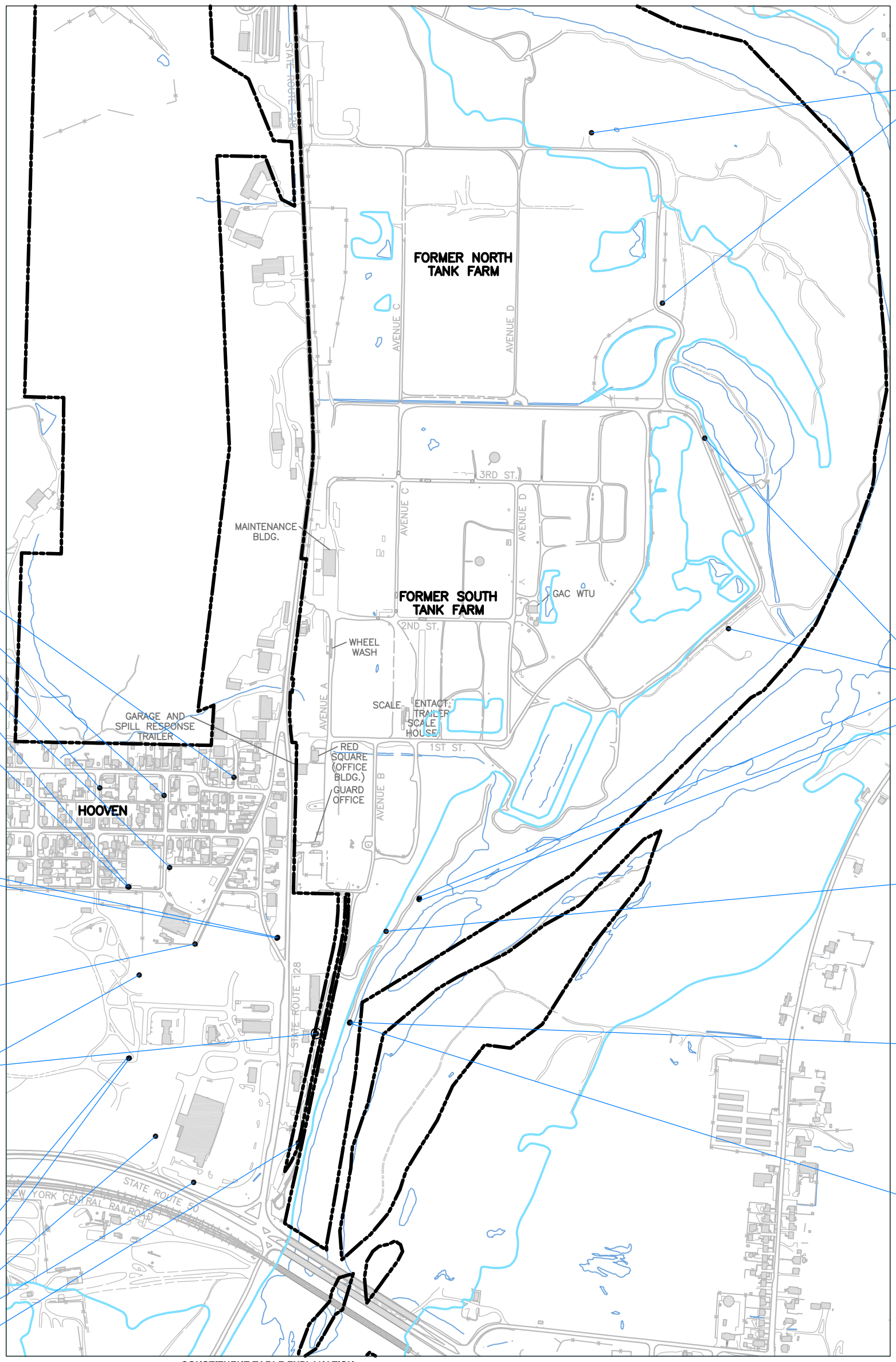
FIGURE 4

LNAPL THICKNESSES (MAY 26, 2006)

CHEVRON CINCINNATI FACILITY HOOVEN, OHIO

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 11/21/05 (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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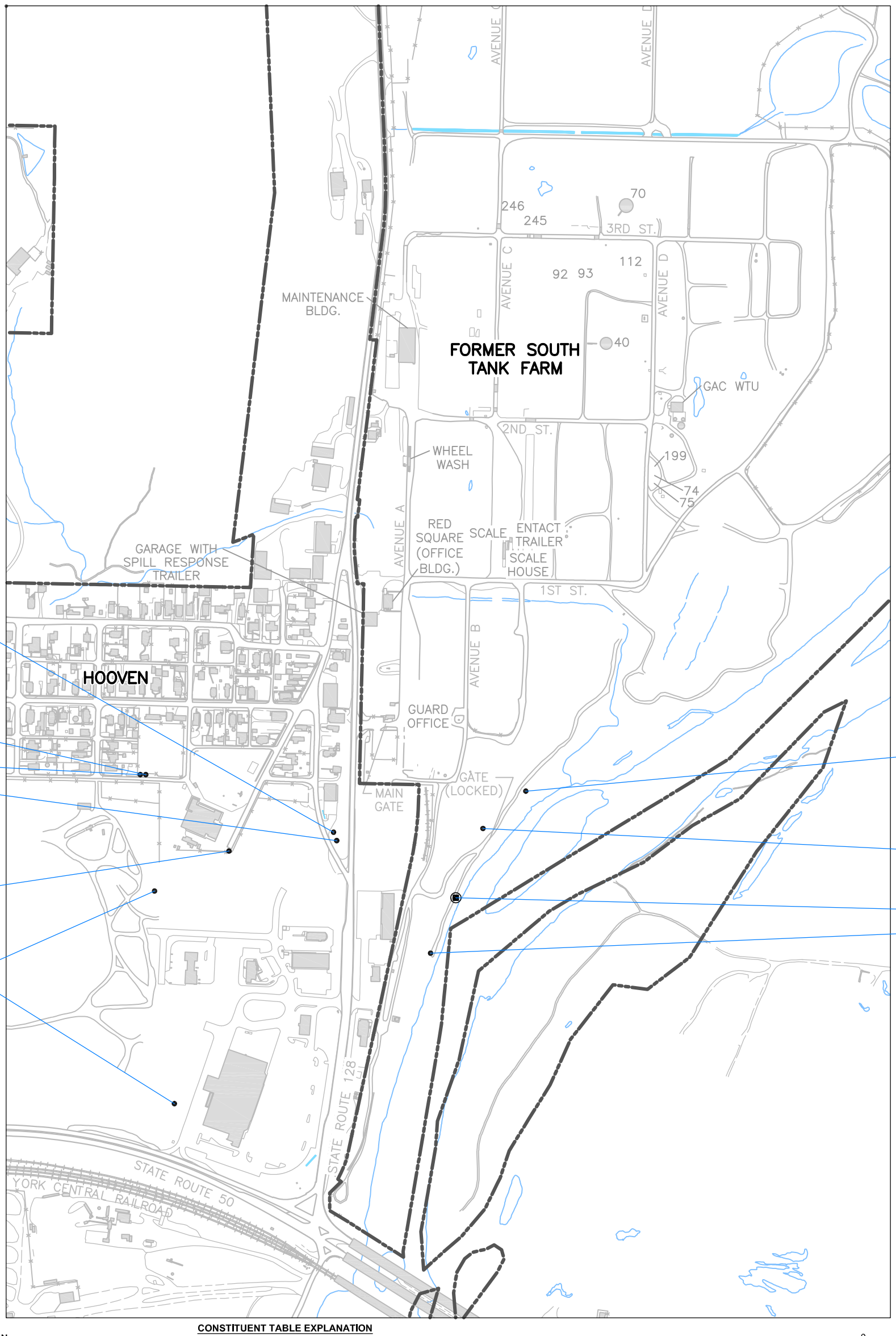
FIGURE 5

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	CONCENTRATIONS REPORTED IN MILLIGRAMS PER LITER
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	

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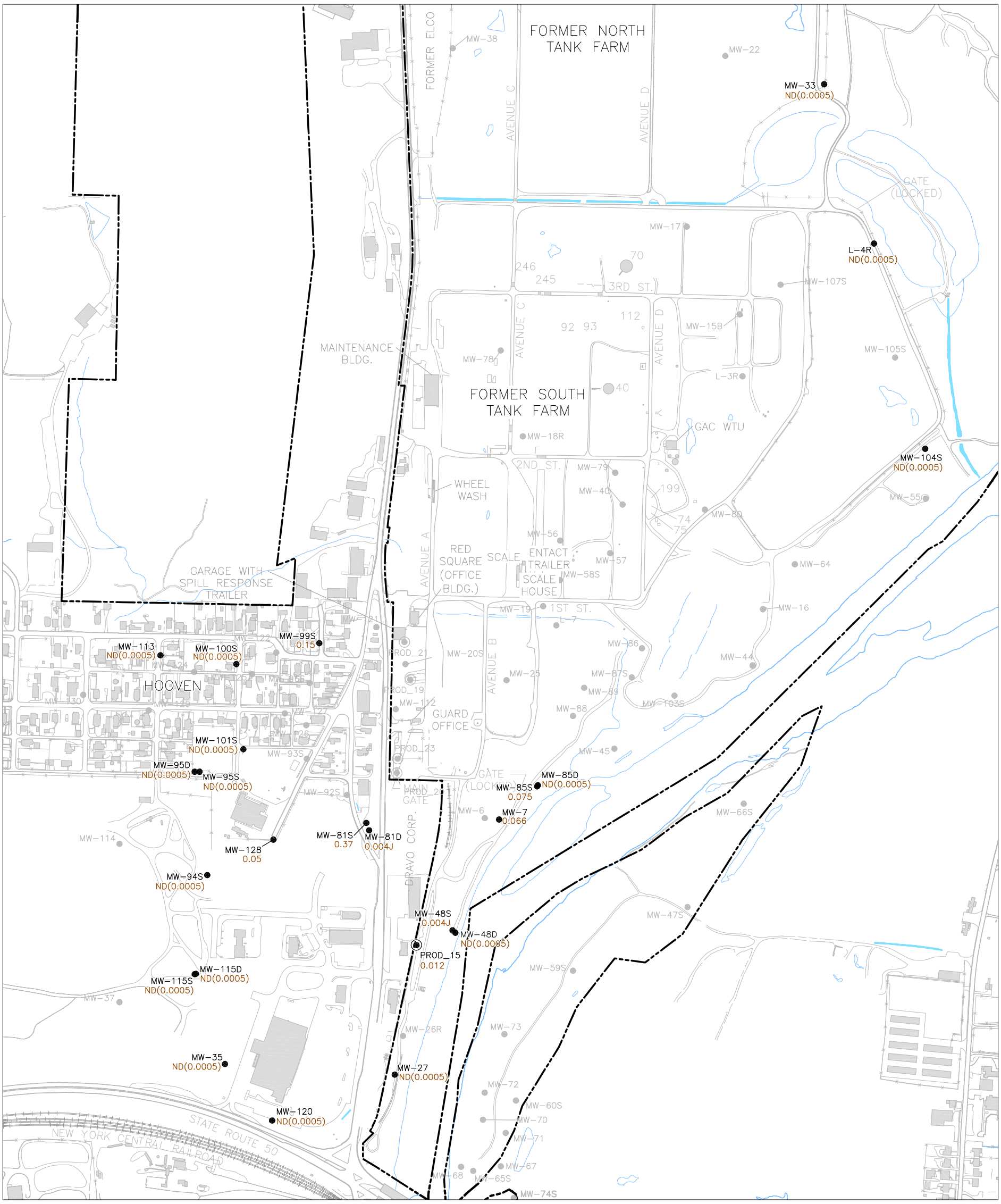
FIGURE 6

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



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

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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

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