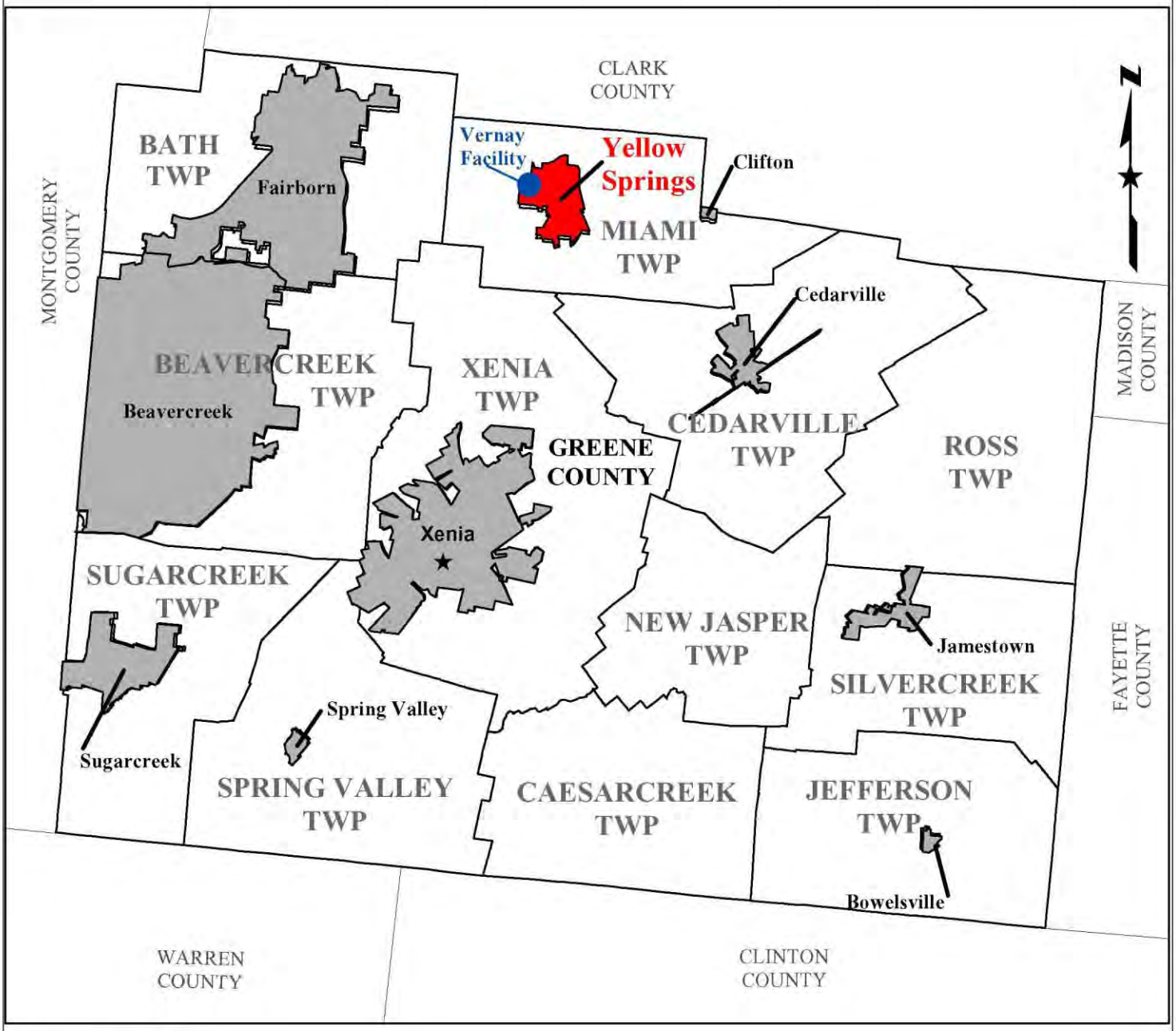

DRAWN BY	APPROVED BY	PROJECT NO.	DATE	FIGURE
ALH	KDK	292.11.39	12/20/04	1

CLIENT: *VERNAY LABORATORIES, INC.*

TITLE: *FACILITY LOCATION*

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REFERENCE: *Greene County Auditors, Digital Data: City, Township, and County Boundaries*

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LEGEND

- Storm Sewer
- Storm Sewer Manhole Cover
- Storm Sewer Catch Basin
- Sanitary Sewer
- Sanitary Sewer Manhole Cover
- Sanitary Sewer Sedimentation Structure

90 45 0 90
Feet

N

INDUSTRIAL PROPERTY
RESIDENTIAL
RESIDENTIAL
54" CONCRETE PIPE
GRASS
12" V.C.P.
PARKING LOT
GRASS
COMMERCIAL PROPERTY
AGRICULTURAL PROPERTY
DAYTON STREET
PARKING LOT
GRASS
27" CONCRETE PIPE
FORMER VACANT BUILDING (Removed in 2001)
FORMER AGRICULTURAL SUPPORT BUILDINGS
PLANT 3
APPROXIMATE VERNAY FACILITY PROPERTY LINE
PARKING LOT
GRASS
GRASS
UTILITY TUNNEL SUMP WATER TREATMENT SYSTEM
UNDERGROUND UTILITY TUNNEL
PLANT 2
EAST ENON ROAD
UNDEVELOPED PROPERTY
STORAGE BUILDING
FIRE LINE PUMP HOUSE
GROUND WATER CAPTURE TREATMENT SYSTEM
HIGH SCHOOL PROPERTY
PARKING LOT
FORMER HAZARDOUS WASTE STORAGE TRAILER (Removed in 2001)
DRAINS
24" CONCRETE PIPE
RESIDENTIAL

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DATE	12/20/04
APPROVED BY	KDK
DRAWN BY	ALH
PROJECT NO.	292.11.39
FIGURE NO.	2

CLIENT: VERNAY LABORATORIES, INC.

TITLE: FACILITY FEATURES

REFERENCE: Greene County Auditors, Orthophotograph (2003); State Plane Coordinates from Woolpert Surveying, LLP, Dayton, Ohio (NAD83/NAVD88)

F:\Data\PFM\GIS\Vernay\GIS\ist Qtr (2004)\Site Layout.mxd

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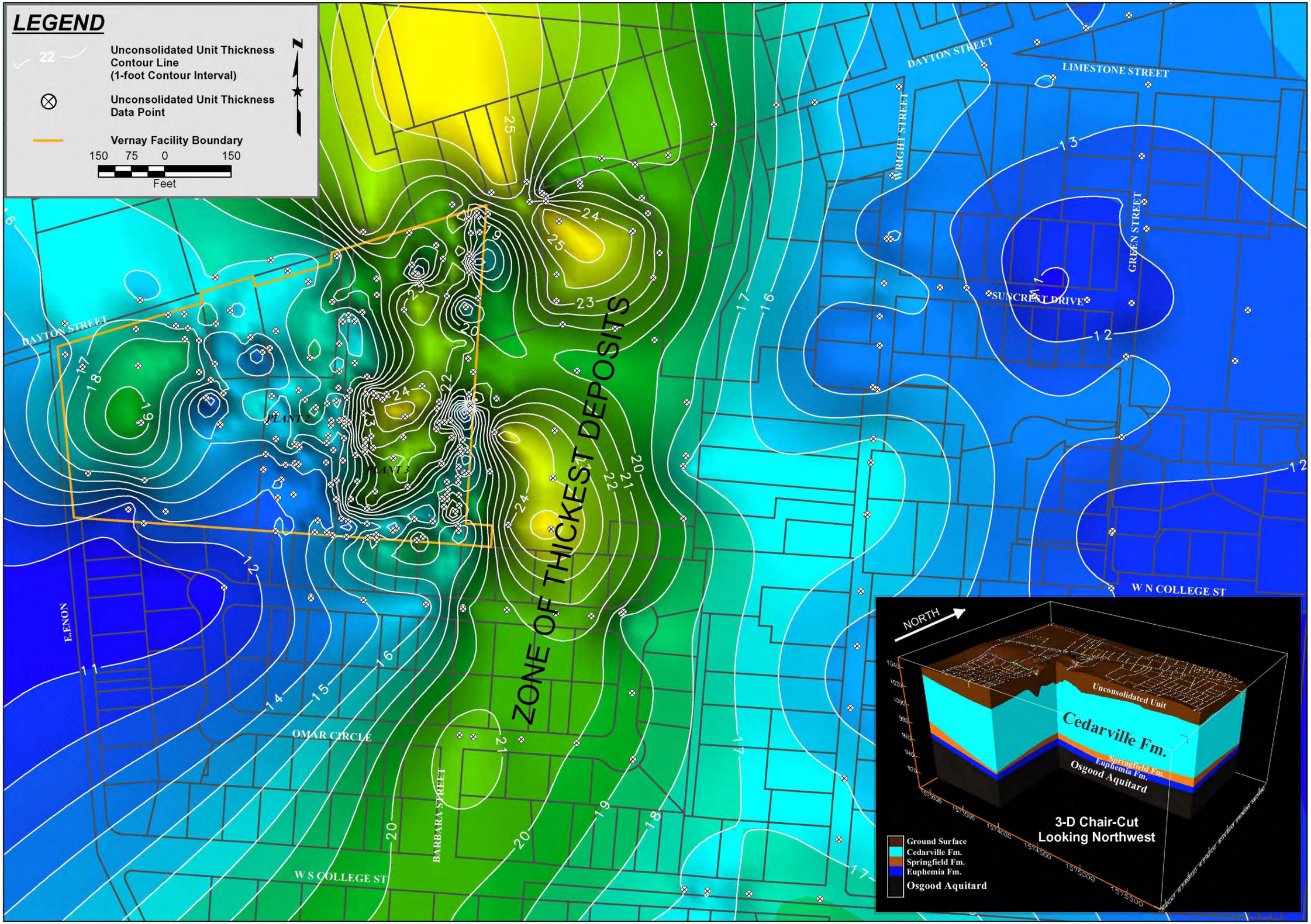
CLIENT	VERNAY LABORATORIES, INC.
TITLE	SURFACE TOPOGRAPHY AT THE FACILITY AND VICINITY
FIGURE NO.	3
DATE	10/22/04
DRAWN BY	ALH
APPROVED BY	KDK
PROJECT NO.	292.11.39

REFERENCE Greene County Auditors, Orthophotograph (2003); State Plane Coordinates from Woolpert Surveying, LLP, Dayton, Ohio (NAD83/NAVD88)



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CLIENT	VERNAY LABORATORIES, INC.	FIGURE NO. 4	DATE 10/22/04
TITLE	THICKNESS CONTOURS OF THE UNCONSOLIDATED UNIT	DRAWN BY ALH	APPROVED BY KDK
		PROJECT NO. 292.11.39	

REFERENCE Greene County Auditors, Orthophotograph (2003); State Plane Coordinates from Woolpert Surveying, LLP, Dayton, Ohio (NAD83/NAVD88)

LEGEND

1007 — Bedrock Surface Topographic Contour Line of the Cedarville Formation (2.5-foot Contour Interval above Mean Sea Level)

⊗ Bedrock Surface Data Point of the Cedarville Formation

Vernay Facility Boundary

160 80 0 160

Feet

N

ZONE OF LOWER BEDROCK TOPOGRAPHY

DAYTON STREET

LIMESTONE STREET

WRIGHT STREET

GREEN STREET

SUNCREST DRIVE

1 000

1 00

1 007.5

PLANT 2

PLANT 3

W N COLLEGE ST

OMAR CIRCLE

W S COLLEGE ST

EASON

1 020

1 017.5

1 015

3-D Topographic Contours of the Cedarville Formation

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CLIENT	VERNAY LABORATORIES, INC.	FIGURE NO.	5
TITLE	CEDARVILLE FORMATION BEDROCK TOPOGRAPHIC CONTOURS	DRAWN BY	ALH
		DATE	10/22/04
		APPROVED BY	KDK
		PROJECT NO.	292.11.39

REFERENCE *Greene County Auditors, Orthophotograph (2003); State Plane Coordinates from Woolpert Surveying, LLP, Dayton, Ohio (NAD83/NAVD88)*

F:\Data\PH-MGT\Vernay\GIS\Contours\2004-Q4\CAT.apb (04-2004.mxd

LEGEND

- AOI 1: On-Facility Undeveloped/Non-Operational
- AOI 2N: On-Facility Developed/Non-Operational
- AOI 2S: On-Facility Developed/Operational
- AOI 3: OFF FACILITY - Survey Area
- AOI 3A: OFF FACILITY - SEWERS
- AOI 4: OFF FACILITY - UNNAMED CREEK
- VERNAY FACILITY

NOTE: AOI 1 and AOI 2N include on facility sewers.
AOI 5A - Cedarville Aquifer On Facility
AOI 5B - Cedarville Aquifer Off Facility

220 110 0 220 440 660 880
Feet

N

YELLOW SPRINGS FAIRFIELD ROAD
Unnamed Creek
KING STREET
DAYTON STREET
GREEN STREET
S HIGH STREET
WRIGHT STREET
OMAR CIRCLE
E. ENON ROAD
W. S. COLLEGE STREET
GREEN STREET
XENIA AVENUE

P:\DATA\FFA\MGT\Vernay\GIS\1st Qtr (2004)\Areas_of_Interest.mxd

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PROJECT	VERNAY LABORATORIES, INC.
TITLE	AREAS OF INTEREST (AOIs) ON AND OFF THE FACILITY
FIGURE NO.	6
DRAWN BY	ALH
PROJECT NO.	0292.11.39
DATE	10/28/04
APPROVED BY	KDK

REFERENCE Greene County Auditors, Orthophotograph (2003)

LEGEND

- Cedarville Aquifer Extraction Well
- Upper Cedarville Aquifer Monitoring Well
- Middle Cedarville Aquifer Monitoring Well (CD)
- Lower Cedarville Aquifer Monitoring Well (SE)
- Unconsolidated Unit Monitoring Well
- Sewer Backfill Monitoring Well
- Surface Water Sampling Location
- Vernay Facility Boundary

N

230 115 0 230
Feet

MW02-860 Dayton
MW01-13
MW02-12
MW02-17
MW02-17CD
MW02-07
MW02-15CD
MW02-15
MW01-12
MW01-01
CW01-02
MW01-09
MW02-09
MW01-05CD
MW02-11
MW01-02SE
MW01-02
MW01-05
MW02-759 Dayton
MW02-10
MW01-07
MW01-02CD
PLANT 3
MW02-06CD
MW02-06
MW02-10CD
MW01-11
PLANT 2
RW01-05
MW02-08CD
MW01-10
MW01-06
CW01-01
MW01-08
MW01-14
MW02-08
MW02-08SE
MW02-16CD
MW01-04SE
MW02-05
MW01-04
MW02-05CD
MW01-03CD
MW02-16
MW01-03
MW01-04CD
MW02-03CD
MW02-03SE
MW02-01
MW02-02
MW02-03
MW02-04
MW02-04CD
MW02-18
MW02-18CD
MW02-13
MW02-14
MW02-14CD
ST02-05
Limestone Creek
DAYTON STREET
LIMESTONE STREET
WRIGHT STREET
SUNCREST DRIVE
ALLEN STREET
W N COLLEGE STREET
W C COLLEGE STREET
W S COLLEGE STREET
OMAR CIRCLE
BARBARA STREET
JASON

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Environmental Consultants
Cincinnati, Ohio

DATE	10/22/04
APPROVED BY	KDK
DRAWN BY	ALH
PROJECT NO.	292.11.39
FIGURE NO.	7
CLIENT	VERNAY LABORATORIES, INC.
TITLE	MONITORING WELL NETWORK AND QUARTERLY SAMPLING LOCATIONS

REFERENCE Greene County Auditors, Orthophotograph (2003); State Plane Coordinates from Woolpert Surveying, LLP, Dayton, Ohio (NAD83/NAVD88)