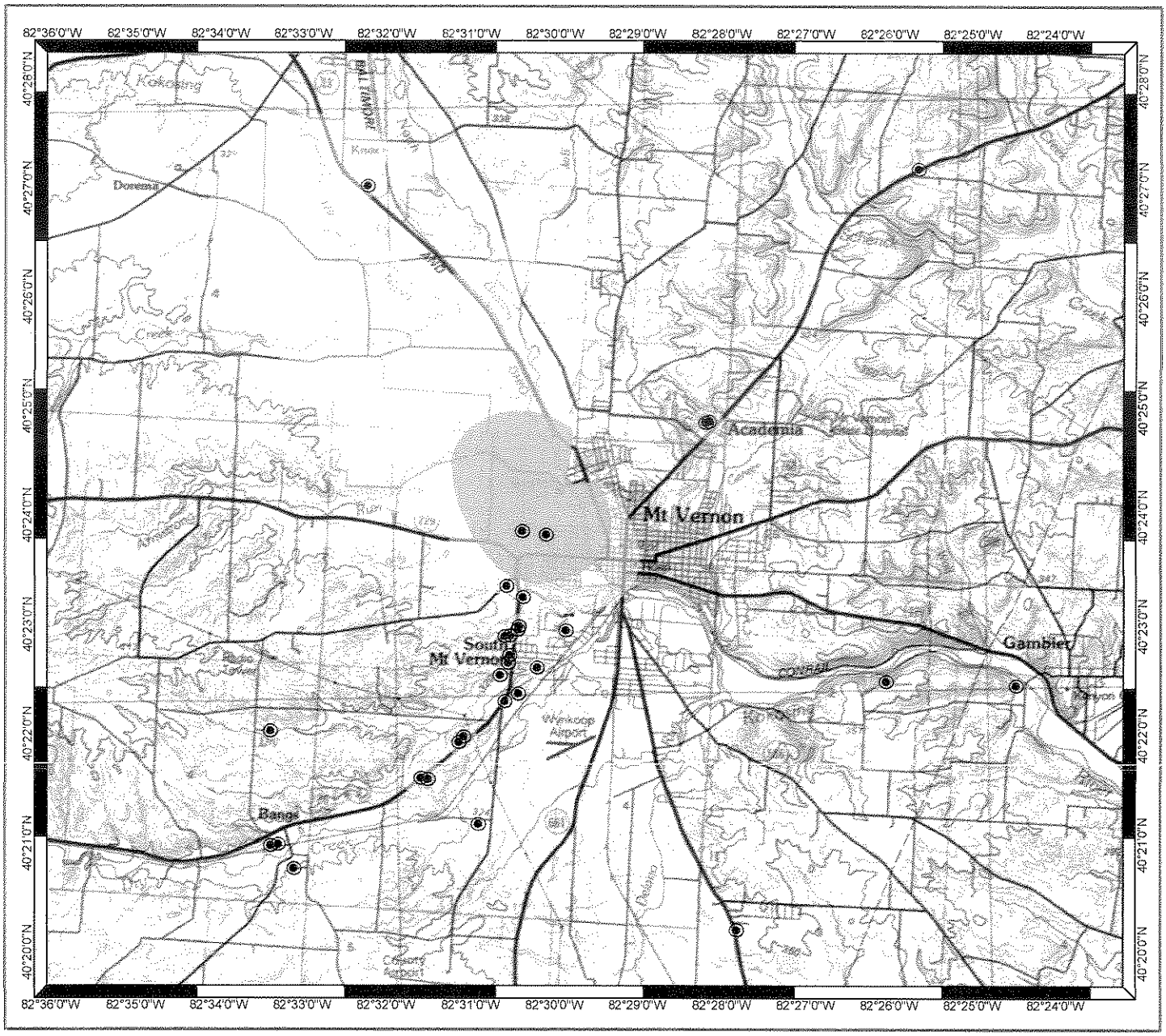
Appendices

Appendix A Public Ground Water Systems Data

ID	PWS_ID	SYS_TYPE	NAME	ADDRESS	CITY	STATE	DISTANCE	POPULATION
1	4239912	Non-Community/Transient	JOHN DECOSKY PONTIAC	510 HARCOURT ROAD	MOUNT VERNON	OH	1.3369	60
2	4232212	Non-Community/Transient	JOHN DECOSKY CHEVROLET	510 HARCOURT ROAD	MOUNT VERNON	OH	1.3369	60
3	4240312	Non-Community/Transient	HOT RODS SUNOCO	700 HARCOURT ROAD	MOUNT VERNON	OH	1.3551	200
4	4237812	Non-Community/Non-Transient	SEVENTH DAY ADVENTIST EL	P.O.BOX 891	MT. VERNON	OH	1.4363	55
5	4230512	Non-Community/Transient	DUTCH'S PLACE	70 COLUMBUS ROAD	MT.VERNON	OH	1.5155	40
6	4200812	Community	MOUNT VERNON, CITY OF	CITY HALL, 40 PUBLIC SQUARE	MOUNT VERNON	OH	1.5642	17976
7	4230212	Non-Community/Transient	CHOO CHOO'S PLACE	100 PITTSBURG ROAD	MT.VERNON	OH	1.5719	28
8	4201712	Community	WESTGATE MOBILE HOME COM	900 HARCOURT ROAD	MOUNT VERNON	OH	1.5901	161
9	4230812	Non-Community/Transient	B-J'S SPORTS PUB INC	61 COLUMBUS ROAD	MT.VERNON	OH	1.5929	28
10	4239412	Non-Community/Non-Transient	T.L. KNOX INVESTMENTS	1025 HARCOURT ROAD SUITE 100	MOUNT VERNON	OH	1.6466	30
11	4201412	Community	HERRIS MOBILE HOME PARK	783 MILL STONE LANE	MOUNT VERNON	OH	1.6719	63
12	4234212	Non-Community/Non-Transient	KNOX COUNTY ENGINEER-GAR	749 COLUMBUS ROAD	MT.VERNON	OH	1.7420	40
13	4232012	Non-Community/Non-Transient	AVALON CENTER	14 AVALON ROAD	MT VERNON	OH	1.8060	42
14	4200912	Non-Community/Non-Transient	MOUNT VERNON ACADEMY	P.O.BOX 311	MOUNT VERNON	OH	1.8272	118
15	4235912	Non-Community/Transient	PRODUCER'S LIVESTOCK ASS	PO BOX 447	MT VERNON	OH	1.9965	75
16	4201212	Community	ODMRDD-MT VERNON DEV CTR	1250 VERNON VIEW DR	MOUNT VERNON	OH	2.6749	268
17	4231212	Non-Community/Transient	MT. VERNON COUNTRY CLUB	PO BOX 347	MOUNT VERNON	OH	2.8954	200
18	4201512	Community	COLONIAL TERRACE MHP	8927 COLUMBUS ROAD	MOUNT VERNON	OH	2.9867	90
19	4236712	Non-Community/Transient	BIG BROTHERS/BIG SISTERS	PO BOX 616	MOUNT VERNON	OH	3.0729	45
20	4239812	Non-Community/Transient	MT VERNON CHURCH OF GOD	13160 HENRY ROAD	MT VERNON	OH	3.3833	125
21	4240412	Non-Community/Transient	CARTER LUMBER	PO BOX 245	FREDERICKTOWN	OH	3.3861	75
22	4202112	Community	GRANDVIEW MHP-"B"	8750 COLUMBUS ROAD	MOUNT VERNON	OH	3.4628	47
23	4200312	Community	GRANDVIEW MHP-"A"	8750 COLUMBUS ROAD	MOUNT VERNON	OH	3.4628	72
24	4231012	Non-Community/Non-Transient	KNOX-NEW HOPE SCHOOL	11700 UPPER GILCHRIST ROAD	MT.VERNON	OH	3.4697	50
25	4237612	Non-Community/Transient	FAITH BAPTIST CHURCH	8746 MARTINSBURG ROAD	MT VERNON	OH	3.7418	406
26	4238812	Non-Community/Transient	GLEN HILL ORCHARD-CAMP	17156 GLEN RD.	MT VERNON	OH	3.7720	12
27	4236212	Non-Community/Transient	RUSTIC KNOLLS CAMPGROUND	8664 KEYS ROAD	MT.VERNON	OH	3.8240	450

ID_	PWS_ID	SYS_SOURCE	SYS_TYPE	NAME	ADDRESS	CITY	STATE	DISTANCE	POPULATION
0		Surface Water	Non-Community/Non-Transient	0		NONE	NO	0.0000	0



Legend

- Public Water System Wells
- Public Water System Surface Intakes
- Karst Features

Source Water Protection Areas (ground water)

- Inner Management Zone (1-year time of travel)
- Drinking Water Source Protection Area (5-year time of travel)

Source Water Protection Areas (surface water)

- Emergency Management Zone
- Corridor Management Zone
- Source Water Area
- Zone of Critical Concern - Ohio
- Zone of High Concern - Ohio River
- Source Water Area - Ohio River
- Critical Area Zone - Lake Erie
- Potential Influence Zone - Lake Erie

- Ohio Sole Source Aquifers

Drinking Water Source Protection Areas
Located Near Ludlow Packaging
Mount Vernon, Knox County, Ohio

Map completed by: Heather Raymond, Central Office

March 31, 2009

Disclaimer: Delineation of source water protection areas are ongoing. As a result, this map may not include all source water protection areas for public water systems in the area depicted.

0 4,050 8,100 16,200 24,300 32,400 Feet

OhioEPA
Division of Drinking and Ground Waters

Drinking Water Source Protection Areas
http://www.epa.state.oh.us/ddagw/pdu/swap.html

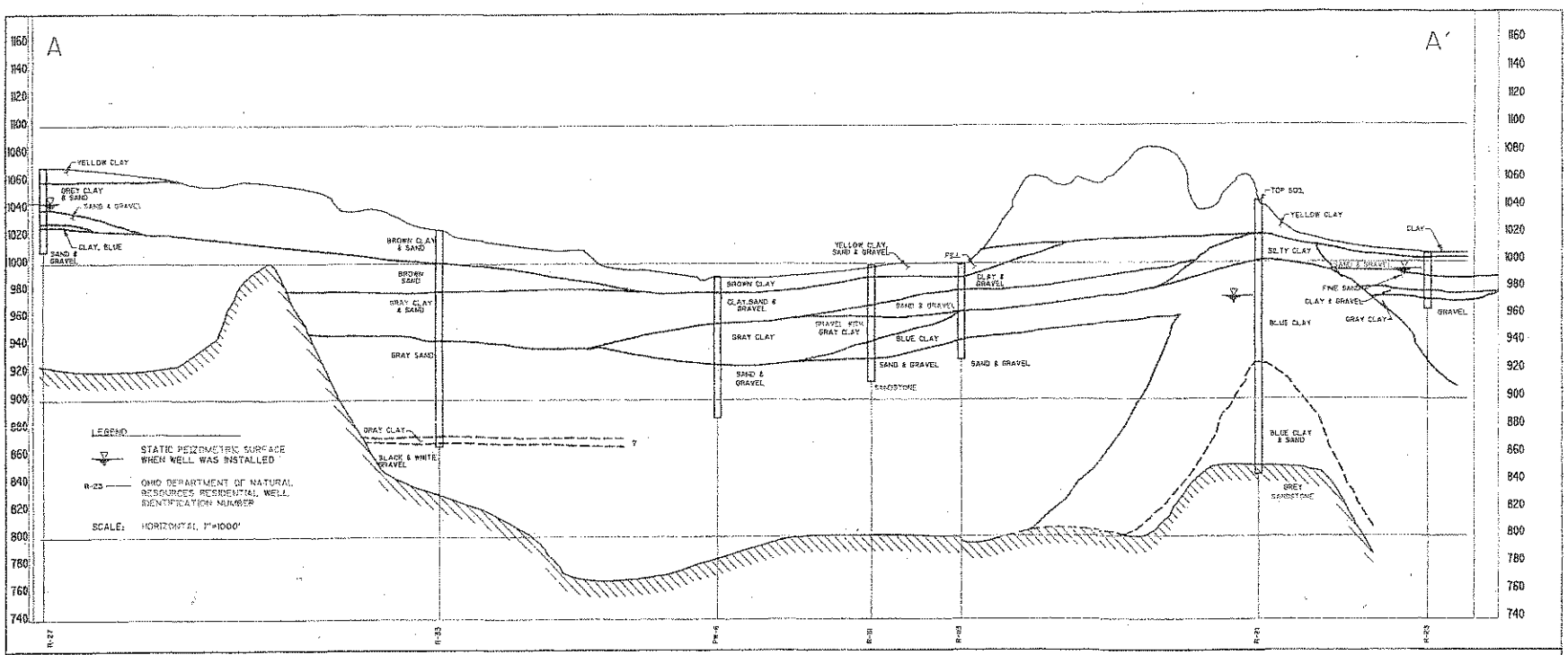
CITY OF MT. VERNON

CROSS-SECTION LOCATION MAP

CDM
environmental engineers, scientists, planners, & management consultants

Figure No. 2-3

S:\ACADV\8130-001\RT-HPP\ P4 05/03/96 16:10:46 9:9L14 A. M. VOZZA

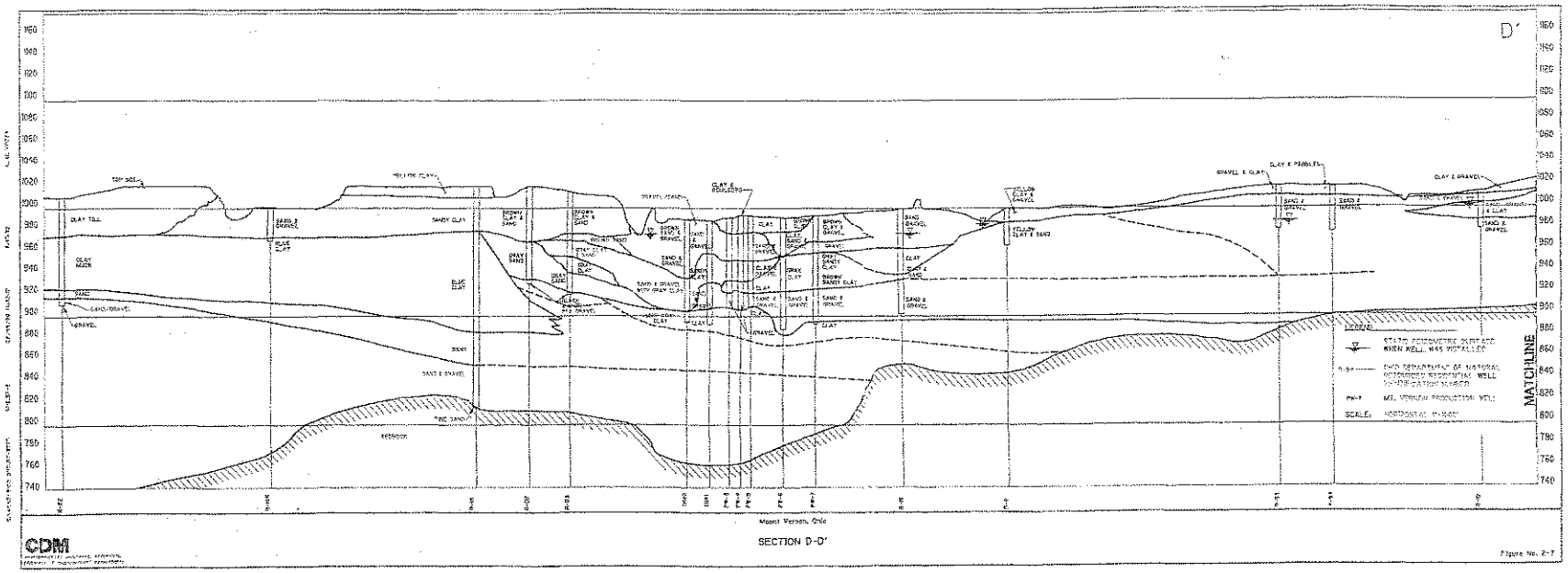


Mount Vernon, Ohio

SECTION A-A'

CDM
environmental engineers, scientists, planners, & management consultants

Figure No. 2-4



SECTION D-D'

Figure No. 2-7

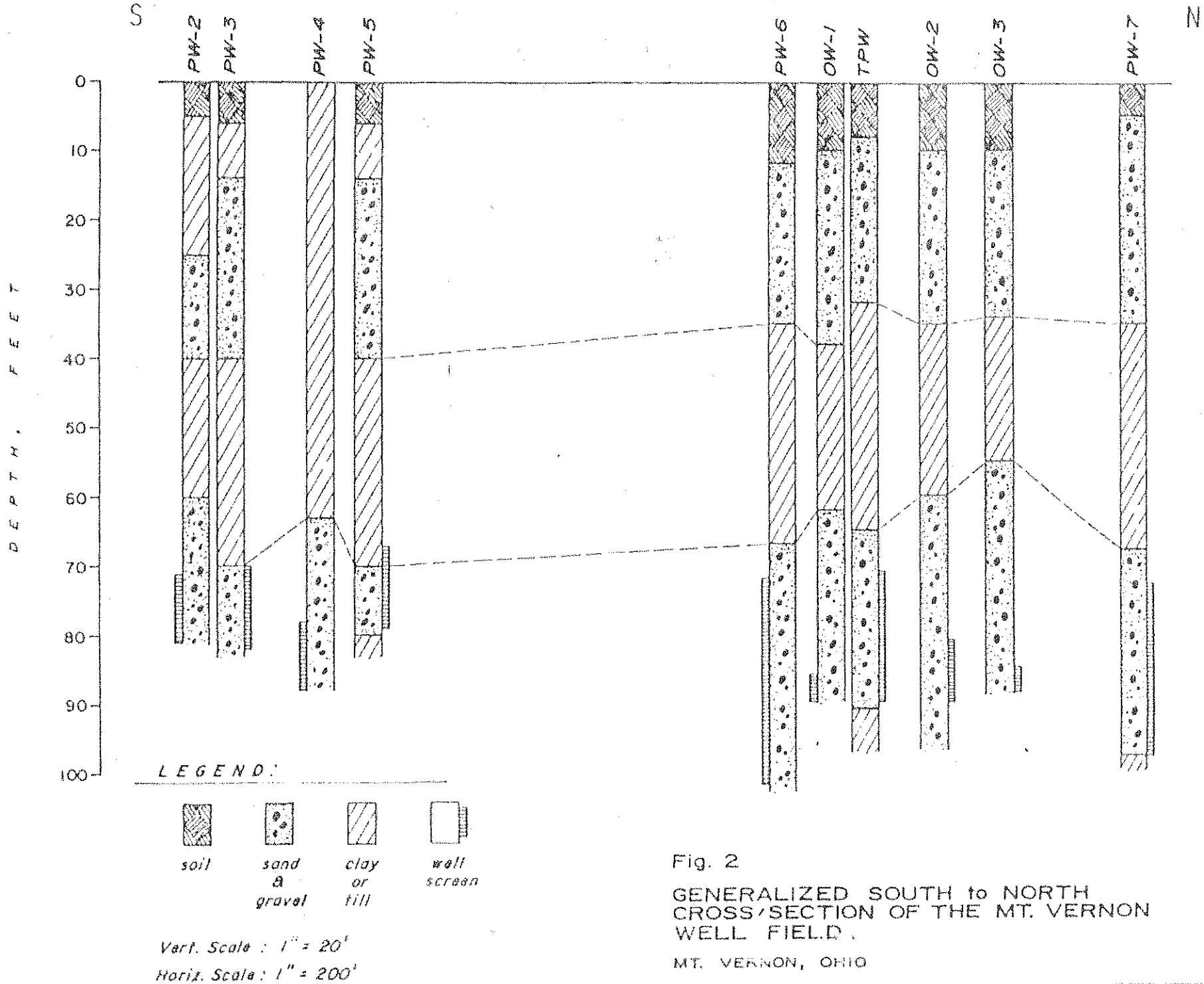
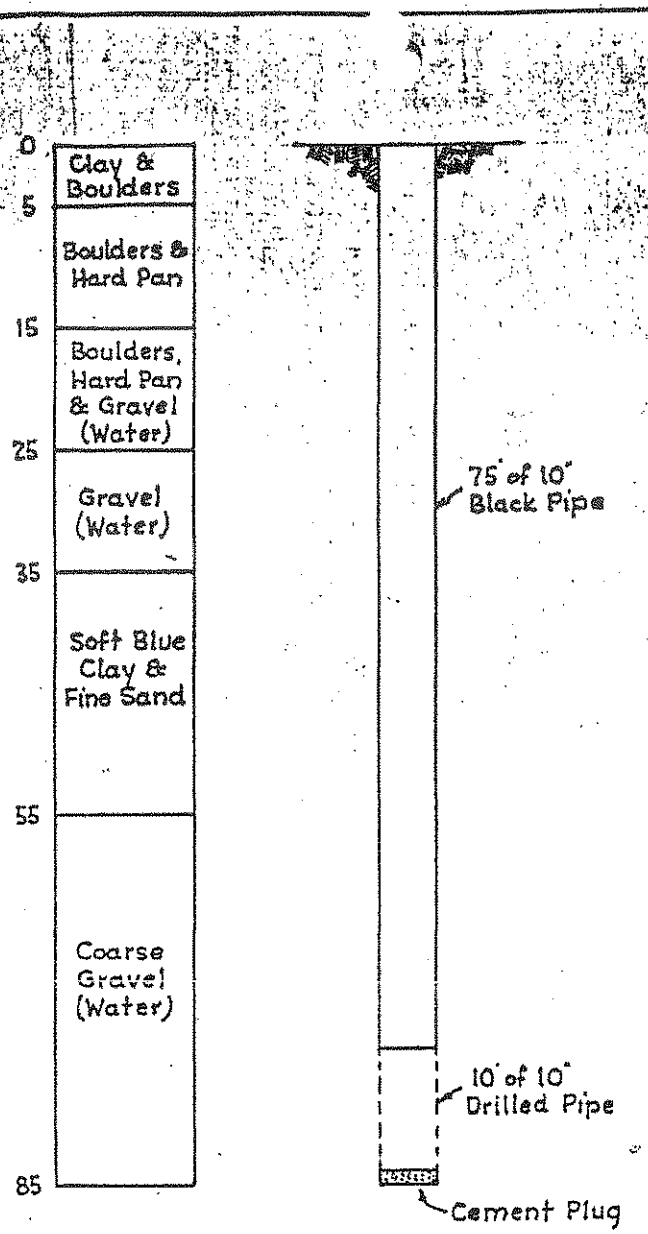


Fig. 2

GENERALIZED SOUTH to NORTH CROSS-SECTION OF THE MT. VERNON WELL FIELD.

MT. VERNON, OHIO



MATERIAL:

Pit: 75' of 10" Black Steel Pipe

Screen: 10' of 10" Black Steel Pipe Drilled (Furnished by City)

Cone: None

PUMP:

No.	7412	Shop No.	7412
Type	KHC	Size	10"
Setting	50'	Stages	3
Suction	20' of 6"	Impellers	Bronze
Discharge	7"	Head	LTA
Tubing	2"	Press. B. P.	5#
Shafting	1 3/16"		

MOTOR:

Make	F.M.	Type	QS2V
Volts	440	Cycle	60
Phase	3	Amp.	
H. P.	15	R. P. M.	1740
Frame	GH326V	Serial	303260

WELL:

Capacity	800 G.P.M.	Static Level	0
Guarantee	None	P. Level	30'
Started	2-20-36	Pressure	
Finished	2-25-36	Pumped	
Accepted	2-25-36	Depth	85'

REMARKS:

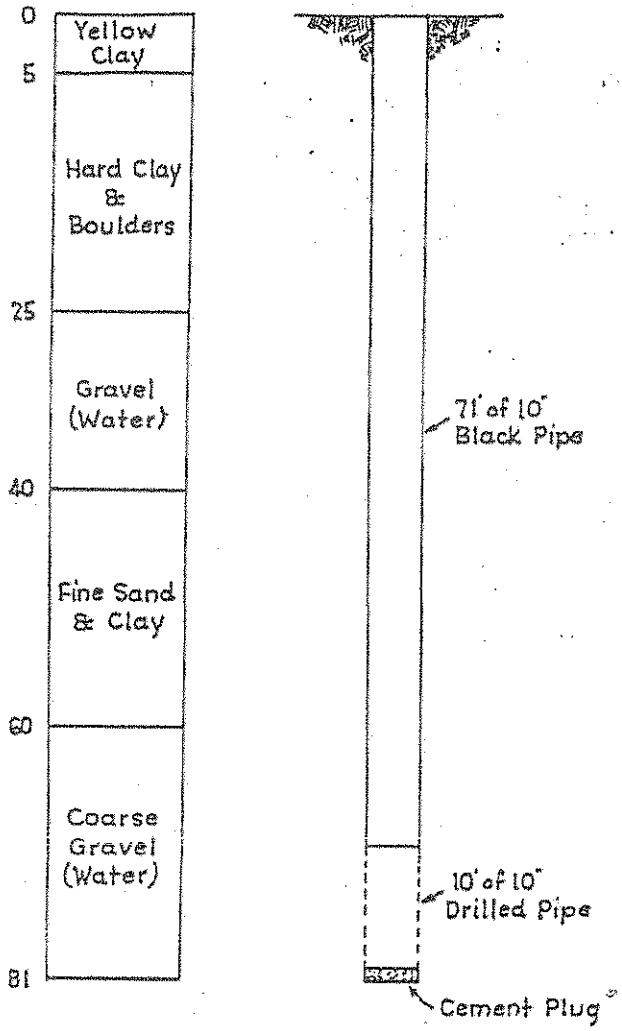
1,15 M G D

Driller: John Lauber
Installer: Russell Branch

THE LAYNE-OHIO CO.,
WATER SUPPLY CONTRACTORS
COLUMBUS OHIO

CITY OF MT. VERNON, OHIO

DRAWN BY
WELL NO. 1
APPROVED BY L.T.H.
DRAWING NO. 779



MATERIAL:

Pit: 71' of 10" Black Steel Pipe

Screen: 10' of 10" Black Steel Pipe Drilled (Furnished by City)

Cone: None

PUMP:

No.	Shop No.
Type	Size
Setting	Stages
Suction	Impellers
Discharge	Head
Tubing	Press. B. P.
Shafting	

MOTOR:

Make	Type
Volts	Cycle
Phase	Amp.
H. P.	R. P. M.
Frame	Serial

WELL:

Capacity	800 G.P.M.	Static Level	0
Guarantee	None	P. Level	30'
Started	2-25-36	Pressure	
Finished	2-28-36	Pumped	
Accepted	2-28-36	Depth	81'

REMARKS:

Pump 7413 installed in March 1936

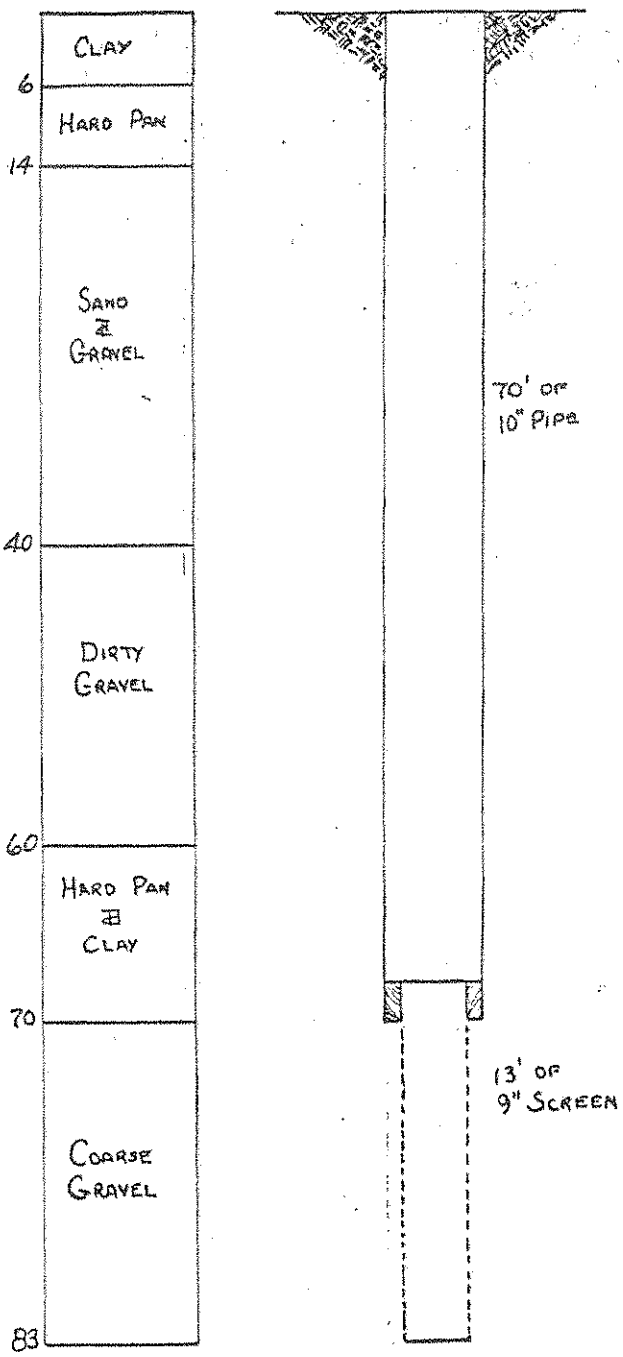
1.15 MGD

Driller: John Lauber
Installer: Russell Branch

THE LAYNE-OHIO CO.,
WATER SUPPLY CONTRACTORS
COLUMBUS OHIO

CITY OF MT. VERNON, OHIO

DRAWN BY
WELL NO. 2
APPROVED BY L.T.H.
DRAWING NO. 780



MATERIAL:

Pit: 70' OF 10" W.I. PIPE

Screen: 13' OF 9" BRASS SLOTTED SCREEN

Cone:

PUMP:

No.	7413	Shop No.	7413
Type	KHC	Size	10"
Setting	49'	Stages	3
Suction	20' OF 6"	Impellers	BR.
Discharge	7"	Head	
Tubing	2"	Press. B. P.	
Shafting	1 3/16		

MOTOR:

Make	F-M.	Type	OSZY
Volts	220-440	Cycle	60
Phase	3	Amp.	37.4/18.7
H. P.	10	R. P. M.	1800
Frame	GH 3262	Serial	317900

WELL:

Capacity	800 GPM	Static Level	6'
Guarantee		P. Level	
Started	7-31-39	Pressure	
Finished	8-10-39	Pumped	8-10-39
Accepted	" " "	Depth	83'

REMARKS:

OLD LAYNE PUMP FROM ABANDONED WELL WAS INSTALLED.

400 gpm 8-19-43

screen pulled & well deepened Feb. '44

Superseded by Dig. No. 809

1.15 MGD WELL #3

Driller: J. LAUBER

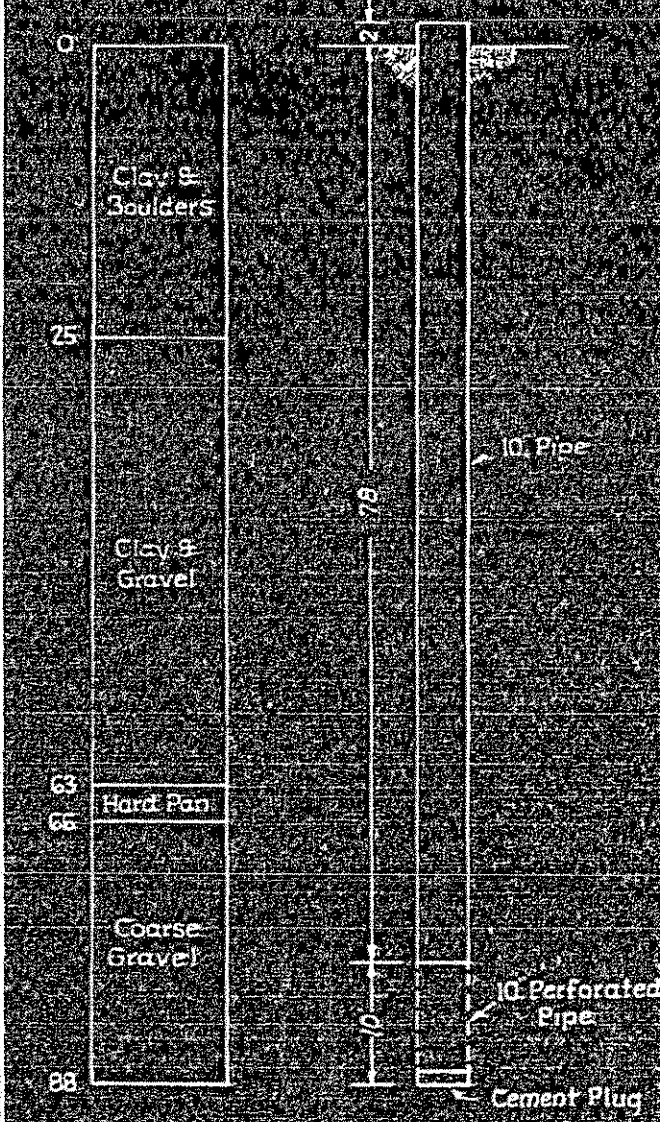
Installer: " "

THE LAYNE-OHIO CO.,
WATER SUPPLY CONTRACTORS
COLUMBUS OHIO

CITY OF MOUNT VERNON, O

DRAWN BY L.T.H APPROVED BY

WELL NO. #3 DRAWING NO. 671



MATERIAL:

Pit: 80' of 10" W.I. Pipe T & C

Screen: 10' of 10" Drilled Pipe with ½" Holes

Cone:

PUMP:

No.		Shop No.	
Type		Size	
Setting		Stages	
Suction		Impellers	
Discharge		Head	
Tubing		Press. B. P.	
Shafting			

MOTOR:

Make		Type	
Volts		Cycle	
Phase		Amp.	
H. P.		R. P. M.	
Frame		Serial	

WELL:

Capacity	750 G.P.M.	Static Level	7'
Guarantee		P. Level	
Started	1-31-44	Pressure	
Finished	2-11-44	Pumped	
Accepted	2-11-44	Depth	88'-5"

REMARKS:

WELL #4

Driller: Geo. McSwain

Installer:

THE LAYNE-OHIO CO.

WATER SUPPLY CONTRACTORS

COLUMBUS OHIO

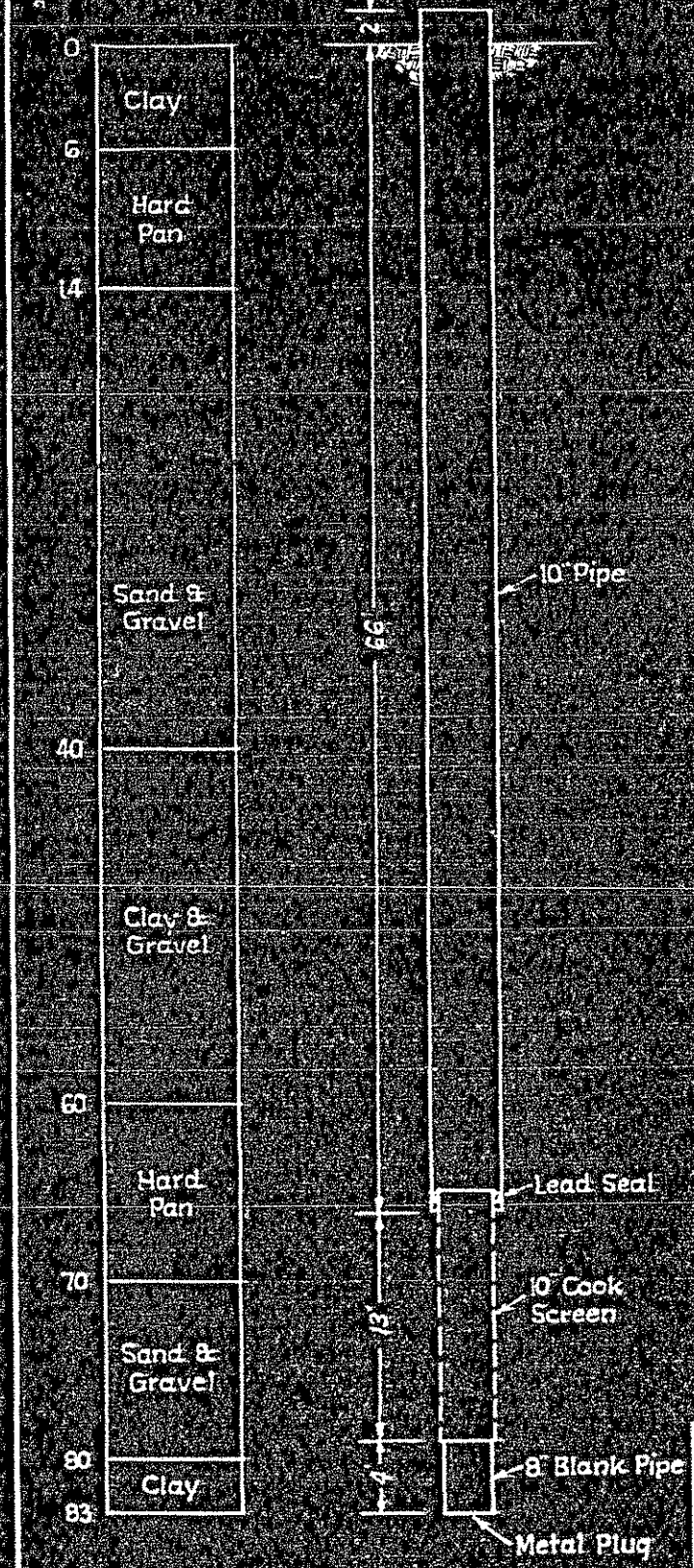
CITY OF MT. VERNON OHIO

DRAWN BY

APPROVED BY

WELL NO.

DRAWING NO. 808



MATERIAL:

Pit: 68' of 10" W.I. Pipe

Screen: 13' of Nominal 10" Cook Type W.W. Bronze Screen, 4' of 8" Blank Pipe

Cone:

PUMP:

No.		Shop No.	
Type		Size	
Setting		Stages	
Suction		Impellers	
Discharge		Head	
Tubing		Press. B. P.	
Shafting			

MOTOR:

Make		Type	
Volts		Cycle	
Phase		Amp.	
H. P.		R. P. M.	
Frame		Serial	

WELL:

Capacity	700 G.P.M.	Static Level	7'
Guarantee		P. Level	
Started	2-16-44	Pressure	
Finished	2-25-44	Pumped	
Accepted		Depth	85'

REMARKS:

See Drawing No. 671 for Original Well.

WELL #5

Driller: Geo. McSwain

Installer:

THE LAYNE-OHIO CO.,
WATER SUPPLY CONTRACTORS
COLUMBUS OHIO

CITY OF MT. VERNON, OHIO

DRAWN BY:
WELL NO.:
APPROVED BY:
DRAWING NO. 809

WELL LOG AND DRILLING REPORT

ORIGINAL

State of Ohio
DEPARTMENT OF NATURAL RESOURCES
Division of Water
1562 W. First Avenue
Columbus, Ohio 43212

PLEASE USE PENCIL OR TYPEWRITER
DO NOT USE INK.

№ 332251

County Knox Township Clinton Section of Township

Owner City of Mt Vernon Address Mt Vernon Ohio

Location of property In back Park

CONSTRUCTION DETAILS

Casing diameter 26" Length of casing 72'

Type of screen Layne Length of screen 30'

Type of pump Layne

Capacity of pump 1000

Depth of pump setting 70'

Date of completion 4-2-65

BAILING OR PUMPING TEST

Pumping Rate 1500 G.P.M. Duration of test 24 hrs.

Drawdown 17 ft. Date

Static level-depth to water 3'8" ft.

Quality (clear, cloudy, taste, odor)

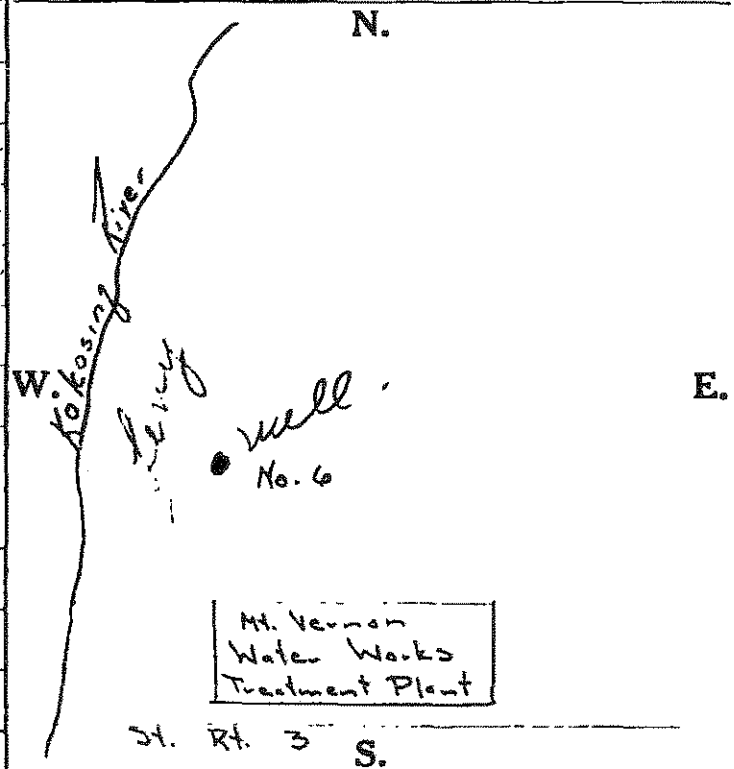
Pump installed by

WELL LOG*

Formations Sandstone, shale, limestone, gravel and clay	From	To
Top soil	0 Feet	2 Ft.
Brown clay	2'-0"	12'-0
Clay sand & gravel	12'-0"	35'-0"
Gray clay	35'-0"	67'-0"
Sand & gravel	67'-0"	103'-0"

SKETCH SHOWING LOCATION

Locate in reference to numbered State Highways, St. Intersections, County roads, etc.



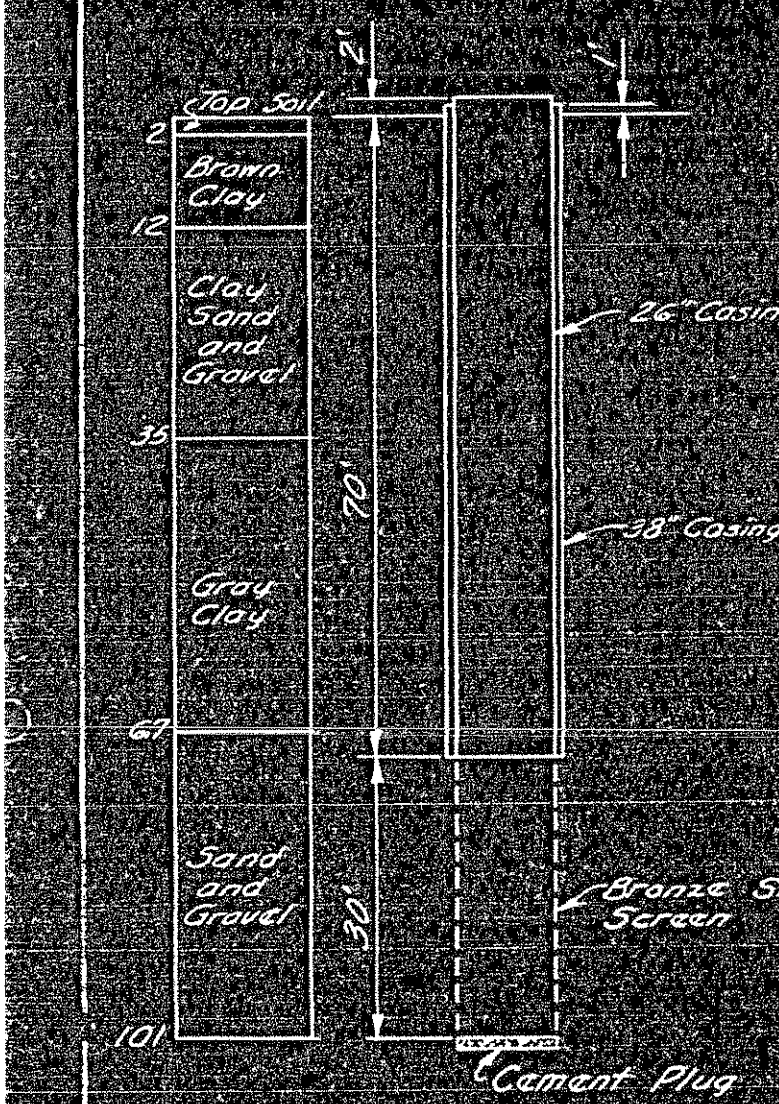
See reverse side for instructions

Drilling Firm The Layne Ohio Co Date 1-7-66

Address Columbus, Ohio Signed O. J. M

*If additional space is needed to complete well log, use next consecutive numbered form.

105



MATERIAL:

Pit: 71' of 38" Steel Casing
72' of 26" Steel Casing
Screen: 30" of 26" Bronze Shutter Screen
Shoe: 1'-6" of 26" Steel Shoe

Pump:

No.	51544	Shop No.	51544
Type	RKAH	Size	12"
Setting	70'	Stages	1
Suction		Impeller	Bronze
Discharge	8"	Head	1050 H.
Tubing		Press. G.	
Shafting	1 3/16"		

MOTOR:

Make	U.S.	Type	RU
Volts	440	Cycle	60
Phase	3	Amp.	
H. P.	25	R. P. M.	1800
Frame	A324UP	Serial	3769650

WELL:

Capacity		Static Level	3'-8"
Guarantee		P. Level	
Started	3-16-65	Pressure	
Finished	4-2-65	Pumped	
Accepted	4-2-65	Depth	101'

REMARKS:

30 Tons of Silica Pea Gravel

Driller: Roy Flanagan
Installer: Charles Webb

THE LAYNE OHIO CO.
WATER SUPPLY CONTRACTORS
COLUMBUS

CITY OF MT. VERNON
MT. VERNON, OHIO

DRAWN BY R.F.I.-O.L.M.S. APPROVED BY
WELL NO. 6 DRAWING NO. 1544

HYDRO GROUP

Ground Water Associates, Inc.
CONSULTING HYDROGEOLOGISTS
6 1/2 N. STATE STREET
WESTERVILLE, OHIO 43081

JOB Nº 321-099	BORE HOLE Nº 12-inch Test Well
PROJECT Mt. Vernon Hydrogeologic Evaluation	LOCATION 111 ft. northeast of Well #6
DRILLING CONTRACTOR Ranney	DRILLING EQUIPMENT 22W Cable Tool Rig
GWA HYDROGEOLOGIST David P. Silbaugh	DRILLER Joe Stanley
DATE START / TIME 11/16/87 1430 hrs	DATE FINISH / TIME
WELL CASING 12 in. ID Steel	SCREEN TYPE
SURFACE ELEVATION	TOTAL DEPTH
LENGTH	SLOT

GROUND WATER					CASING	CORE	SAMPLER	TUBE
DATE	TIME	DEPTH	WEATHER	TYPE				
				DIAMETER				
				HAMMER WEIGHT				
				FALL				

REMARKS

BORE HOLE LOG

DEPTH (FT.)	SAMPLE Nº	BLOW COUNT PER 6 IN.	RECOVERY (IN.)	LITHOLOGIC DESCRIPTION	REMARKS	GRAPHIC LOG
				Brown TOPSOIL	Drilled before sampling	
10				Brown clayey fine to coarse grained SAND AND GRAVEL: few pebbles and cobbles.	Drilled before sampling, bottom of casing plugged	
20				Brown fine to coarse grained SAND AND GRAVEL: pebbles, cobbles and boulders up to 6 in. common. color change to gray at 25 ft.	material heaving into casing at 28 ft.	
30				Gray CLAY: stiff; Homogeneous.		
40						
50						

HYDRO GROUP

Ground Water Associates, Inc.
CONSULTING HYDROGEOLOGISTS
6 1/2 N. STATE STREET
WESTERVILLE, OHIO 43081

JOB Nº 321-099

BORE HOLE Nº 12-inch Test Well

PROJECT Mt. Vernon Hydrogeologic Evaluation

LOCATION 111 ft. northeast of Well #6

REMARKS

DEPTH (FT.)	SAMPLE Nº	BLOW COUNT PER 6 IN.	RECOVERY (IN.)	LITHOLOGIC DESCRIPTION	REMARKS	GRAPHIC LOG
				Gray CLAY: cont.		
70				Gray fine to coarse grained SAND AND GRAVEL: pebbles and cobbles common throughout.		
80						
90				Gray TILL.		
100						

DNR 7802.96

TYPE OR USE PEN
SELF TRANSCRIBING
PRESS HARD

WELL LOG AND DRILLING REPORT

Ohio Department of Natural Resources
Divison of Water, 1939 Fountain Square Drive
Columbus, Ohio 43224-9971 Voice (614) 265-6739 Fax (614) 447-9503

894926X

WELL LOCATION

County KNOX Township CLINTON

Owner/Builder (Circle One or Both) CITY OF MOUNT VERNON (First / Last)

Address of Well Location 40 (Number) PUBLIC SQUARE (Street Name)

City MOUNT VERNON Zip Code +4 43050

Permit No. Section/Lot No. (Circle One or Both)

Location of Well in State Plane coordinates, if available: Use of Well PUBLIC

N X 40.3981500 . +/- ft. or m

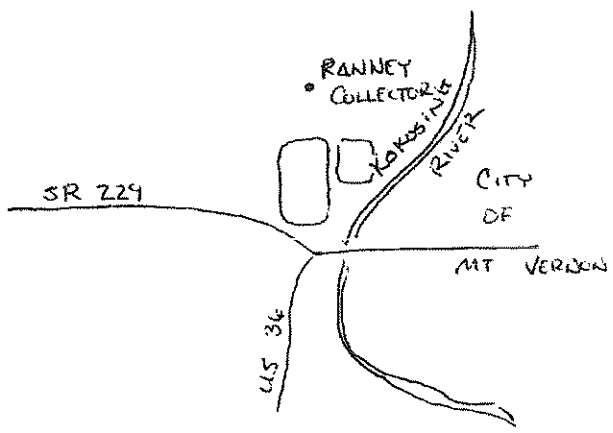
S Y 82.5086167 . +/- ft. or m

Elevation of Well 990 . 8 +/- 0.5 ft. or m

Datum Plain: ☒ NAD27 | NAD83 Elevation Source SURVEY

Source of Coordinates: GPS Survey Other

Sketch a map showing distance well lies from numbered state highways, street intersections, county roads, buildings or other notable landmarks. If latitude and longitude are available please include here: Lat: ~~N 40° 23' 48.9~~ Long: ~~W 82° 30' 5.7~~



WELL TEST* SEE ATTACHED DATA

Pre-Pumping Static Level 11.62 ft. Date 3/15/01

Measured from: ☒ Top of Casing | Ground Level Other

Air | Bailing ☒ Pumping* Other

Test Rate 3726 gpm Duration of Test 72 hrs.

Feet of Drawdown 15.1 ft. Sustainable Yield 2484 gpm

*(Attach a copy of the pumping test record, per section 1521.05, ORC)

Is Copy Attached? ☒ Yes No Flowing Well? Yes ☐ No

Quality Sampled for "New Well" Analysis Complies with all parameters

PUMP/PITLESS

Type of pump J-LINE (3 PUMPS) Capacity 2000/1500/1000 gpm

Pump set at ft. Pitless Type Pumphouse

Pump installed by Stanley Miller

I hereby certify the information given is accurate and correct to the best of my knowledge.

Drilling Firm RANNEY DIVISION OF LAYNE CHRISTENSEN

Address 801 WEST CHERRY ST

City, State, Zip SUNBURY, OHIO 43074

Signed [signature] Date 5/4/01

ODH Registration Number 02428

CONSTRUCTION DETAILS SEE ATTACHED DRAWING

Rotary Cable Augered Driven ☒ Other RANNEY

BOREHOLE/CASING (measured from ground surface)

1 Borehole Diameter 16 ft ~~inches~~ Depth 85 ft.

Casing Diameter 16 ft ~~in.~~ Length 82.1 ft. Thickness 18 in.

2 Borehole Diameter inches Depth ft.

Casing Diameter in. Length ft. Thickness in.

Casing Height Above Ground 7.2 ft.

Type 1 Steel 1 Galv. 1 PVC 1 ☐ 2 ☐ Other CONCRETE REBAR w/ WATERSTOP

Joints 1 Threaded 1 Welded 1 Solvent 1 ☐ 2 ☐ Other

SCREEN

Diameter 12-inch Slot Size 0.070 to 0.126 Screen Length 60 ft.

Type WIRE-WRAPPED Material STAINLESS STEEL

Set Between ELEVATION 917.0 ft. and ft.

GRAVEL PACK (Filter Pack)

Material/Size NONE Volume/Weight Used

Method of Installation

Depth: Placed FROM ft. TO ft.

GROUT

Material BENTONITE Volume/Weight Used 2400 gals

Method of Installation INJECTED

Depth: Placed FROM ELEVATION 990.8 ft. TO 955.0 ft.

DRILLING LOG*

INDICATE DEPTH(S) AT WHICH WATER IS ENCOUNTERED.

Show color, texture, hardness, and formation: sandstone, shale, limestone, gravel, clay, sand, etc.	From	To
SILTY LOAM	0	9
SILTY SAND & GRAVEL (WATER BEARING)	9	20
SILTY CLAY	20	58
GRAVEL & SAND (WATER BEARING)	58	80
SILTY GRAVEL & SAND	80	83.5
CLAY & SILT	83.5	85

Pumping Test Data can be found in the Knox Co. file at ODNR JR

*(If more space is needed to complete drilling log, use next consecutively numbered form.)

Date of Well Completion 3/1/01 Total Depth of Well 82.1 ft.

Completion of this form is required by section 1521.05, Ohio Revised Code - file within 30 days after completion of drilling.

ORIGINAL COPY TO - ODNR, DIVISION OF WATER, 1939 FOUNTAIN SQ. DRIVE, COLS., OHIO 43224-9971

Blue - Customer's copy Pink - Driller's copy Green - Local Health Dept. copy

WELL LOG AND DRILLING REPORT

State of Ohio
DEPARTMENT OF NATURAL RESOURCES
Division of Water
Fountain Square
Columbus, Ohio 43224

NO CARBON PAPER NECESSARY— SELF-TRANSCRIBING

604517

COUNTY KNOX TOWNSHIP Clinton SECTION OF TOWNSHIP

OWNER Mt. Vernon ADDRESS W. High St., Mt. Vernon

LOCATION OF PROPERTY lat = 40.398885 long = -82.501819

CONSTRUCTION DETAILS

Casing diameter 9"X12' Length of casing 996.27 T.S. 905.3 BOT.

Type of screen SS Length of screen 32' L.F.

Type of pump INGERSOL Rand

Capacity of pump 1500 + 2,000 gpm

Depth of pump setting 80' ±

Date of completion 7-1988

BAILING OR PUMPING TEST

RCTT-WELL (specify one by circling)

Test rate 2518 gpm Duration of test 60.5' hrs

Drawdown 15.62 ft Date JULY 14, 88

Static level (depth to water) 15.55 - 981.29 MSL ft

Quality (clear, cloudy, taste, odor) CLEAR

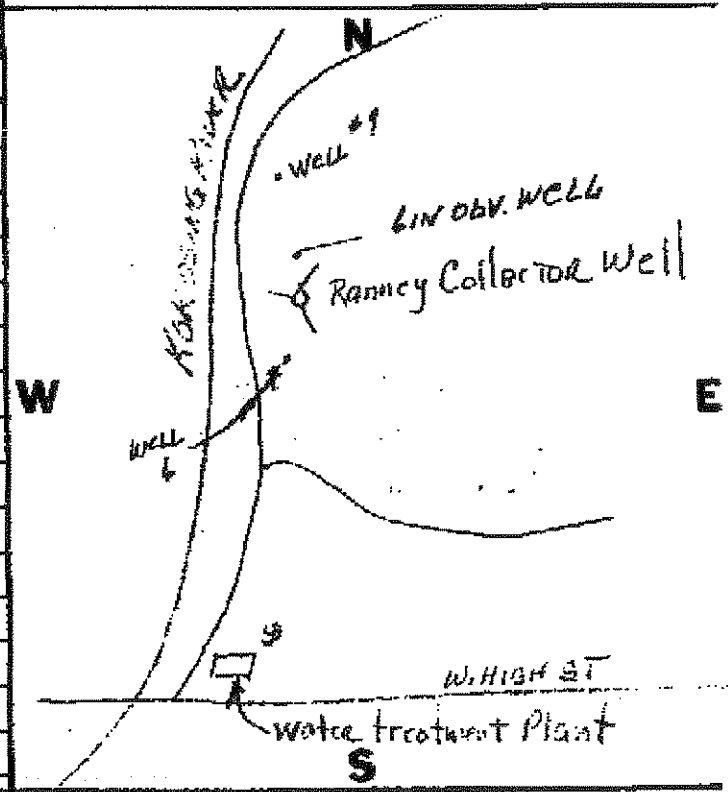
Pump installed by Ranney

WELL LOG* 12" ST COLL. SITE. (Pulled)

Formations: sandstone, shale, limestone, gravel, clay	From	To
Top Soil	0 ft	8 ft
F-CS S, GVL, CL, COB	8	17'
F-CS S, 80% F-CS GVL	17'	30'
Cobbles and Boulders 6½"		
F-CS S, 50% F-CS GVL	30'	32'
SC. Boulders - Cleanne		
Gray Till (STIFF with few sm. Gvls)	32'	65'
Gray F-CS SAND, Cobbles + Pebbles	65'	91.6'
50% GRAVEL		
73.6-80' - Boulders		
Gray Till.	91.6	97.6

SKETCH SHOWING LOCATION

Locate in reference to numbered state highways, street intersections, county roads, etc.



DRILLING FIRM Ranney

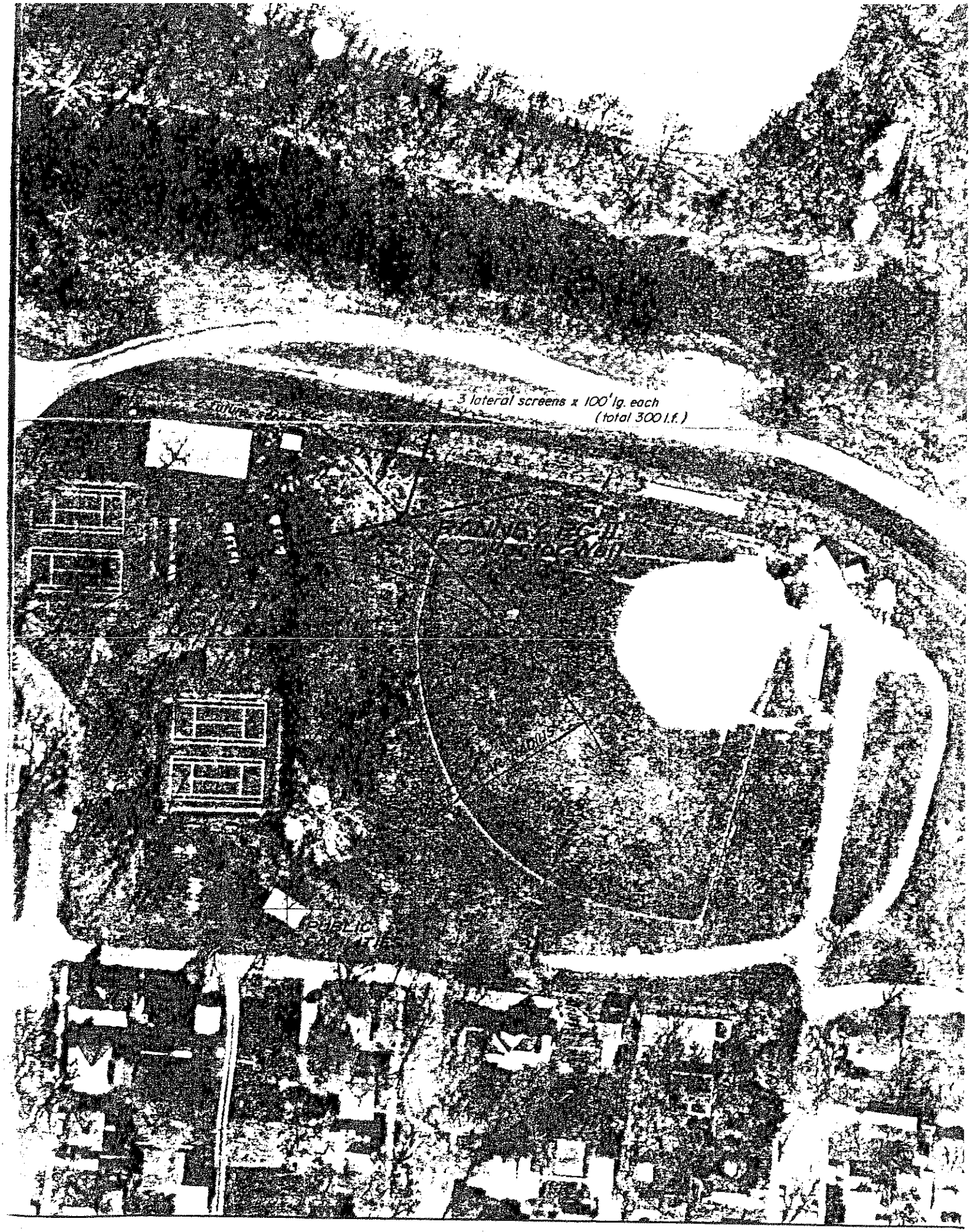
ADDRESS Westerville, Ohio

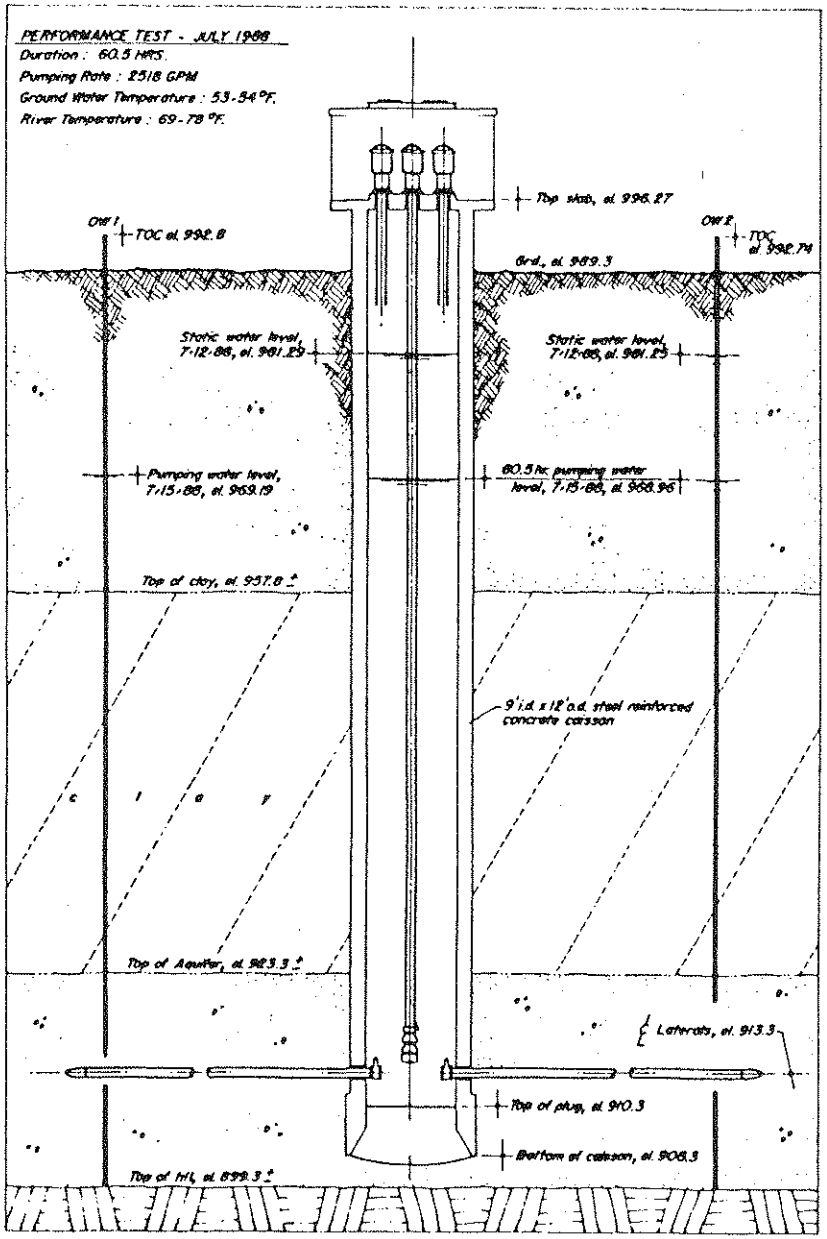
DATE 12-20-88

SIGNED James A. French

*If additional space is needed to complete well log, use next consecutive numbered form.

ORIGINAL COPY - ODNR, DIVISION OF WATER, FOUNTAIN SQ., COLS., OHIO 43224


3 lateral screens x 100' lg. each
(total 300 l.f.)
PUBLIC



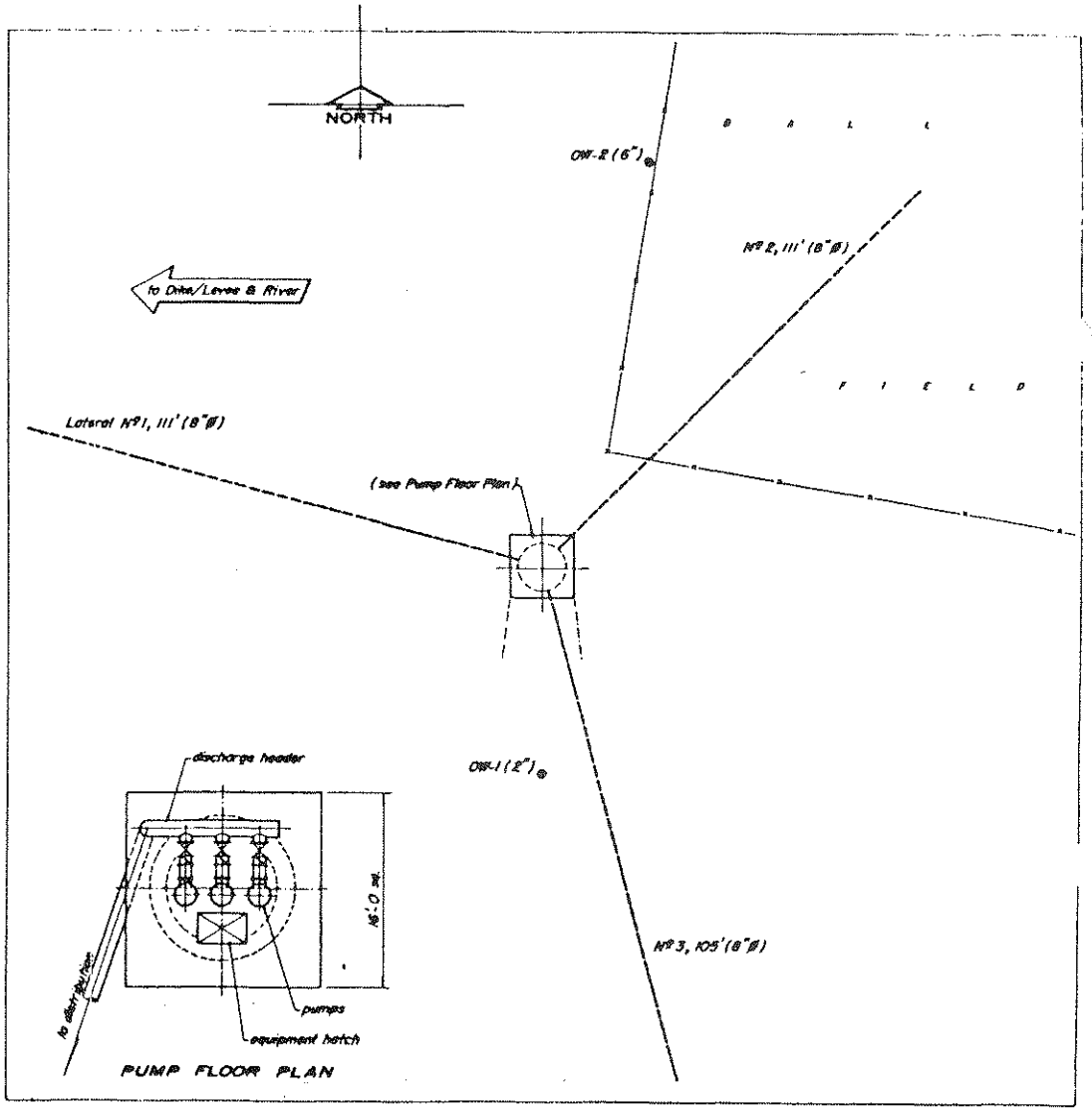


Fig. 2

ELEVATION & PLAN VIEWS of RANNEY COLLECTOR.

CITY of MT. VERNON, OHIO

WELL LOG AND DRILLING REPORT

ORIGINAL

State of Ohio
DEPARTMENT OF NATURAL RESOURCES
Division of Water
1562 W. First Avenue
Columbus, Ohio 43212

PLEASE USE PENCIL OR TYPEWRITER
DO NOT USE INK.

№ 332252

County Knox Township Clinton Section of Township

Owner City of Mt Vernon Address Mt Vernon Ohio

Location of property North corner of ball park

CONSTRUCTION DETAILS

Casing diameter 26" Length of casing 73'6"
Type of screen Layne Length of screen 25'
Type of pump Layne
Capacity of pump 1000
Depth of pump setting 70'
Date of completion 4-19-65

BAILING OR PUMPING TEST

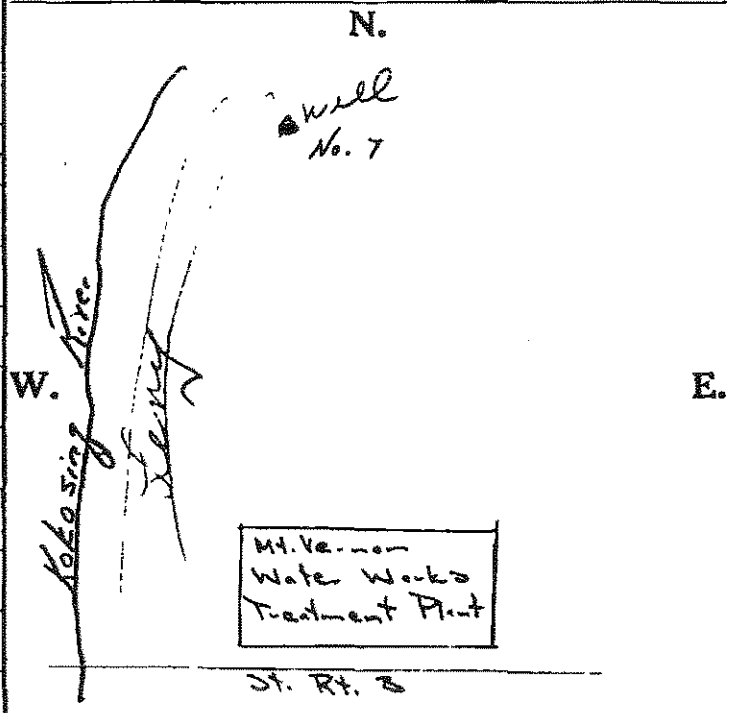
Pumping Rate 1500 G.P.M. Duration of test 24 hrs.
Drawdown 17 ft. Date
Static level-depth to water 3'-0" ft.
Quality (clear, cloudy, taste, odor)
Pump installed by

WELL LOG*

Formations Sandstone, shale, limestone, gravel and clay	From	To
Top soil	0 Feet	5 Ft.
Brown clay & gravel	5'-0"	23'-0"
Gravel	23'-0"	35'-0"
Gray sandy clay	35'-0"	52'-0"
Brown sandy clay	52'-0"	68'-0"
Sand & gravel	68'-0"	98'-0"
Clay	98'-0"	

SKETCH SHOWING LOCATION

Locate in reference to numbered State Highways, St. Intersections, County roads, etc.



See reverse side for instructions

Drilling Firm The Layne Ohio Co Date 1-7-66
Address Columbus, Ohio Signed [illegible]

*If additional space is needed to complete well log, use next consecutive numbered form.

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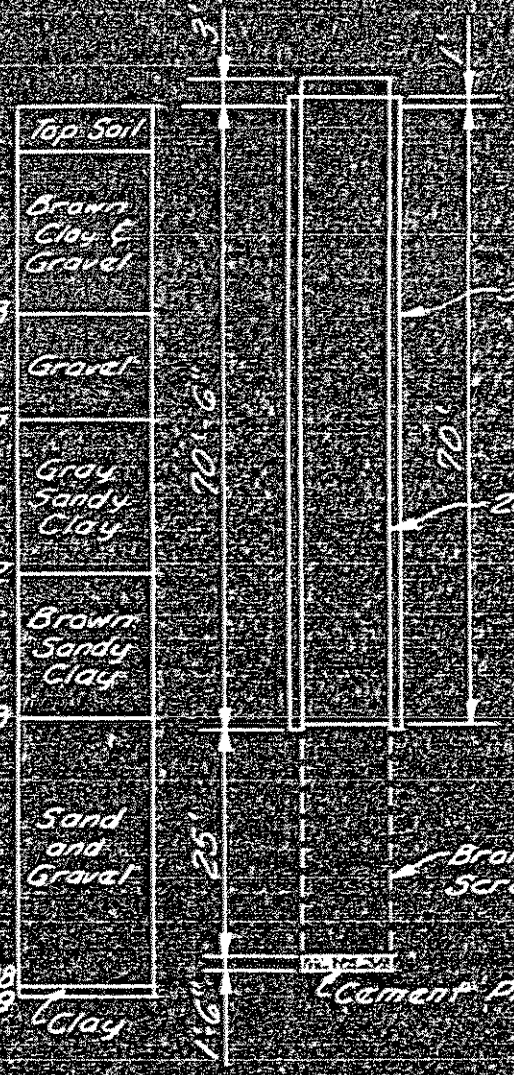


MATERIAL:

Pit: 71' of 38" Casing
73'-6" of 26" Casing
Screen: 25' of Bronze Shutter Screen
Cone: 1'-1'-6" Steel Shoe

PUMP:

No.	52303	Shaft No.	52303
Type	RKAH	Size	12"
Setting	70'	Stages	1
Suction		Impellers	Bronze
Discharge	8"	Head	1050H
Column		Bowls	
Strainer	1 5/16"		
Motor			
Make	U.S.	Frame	RU
Volts	440	Cycle	60
Phase	3	Amps	
H.P.	25	R.P.M.	1800
Frame	A324UP	Serial	3775640

WELL:

Capacity		Static Level	3'
Guarantee		Pit Level	
Started	4-2-65	Pressure	
Finished	4-19-65	Pumped	
Accepted	4-19-65	Depth	95'-6"

REMARKS:

30 Tons of Silica Pea Gravel

WELL #7

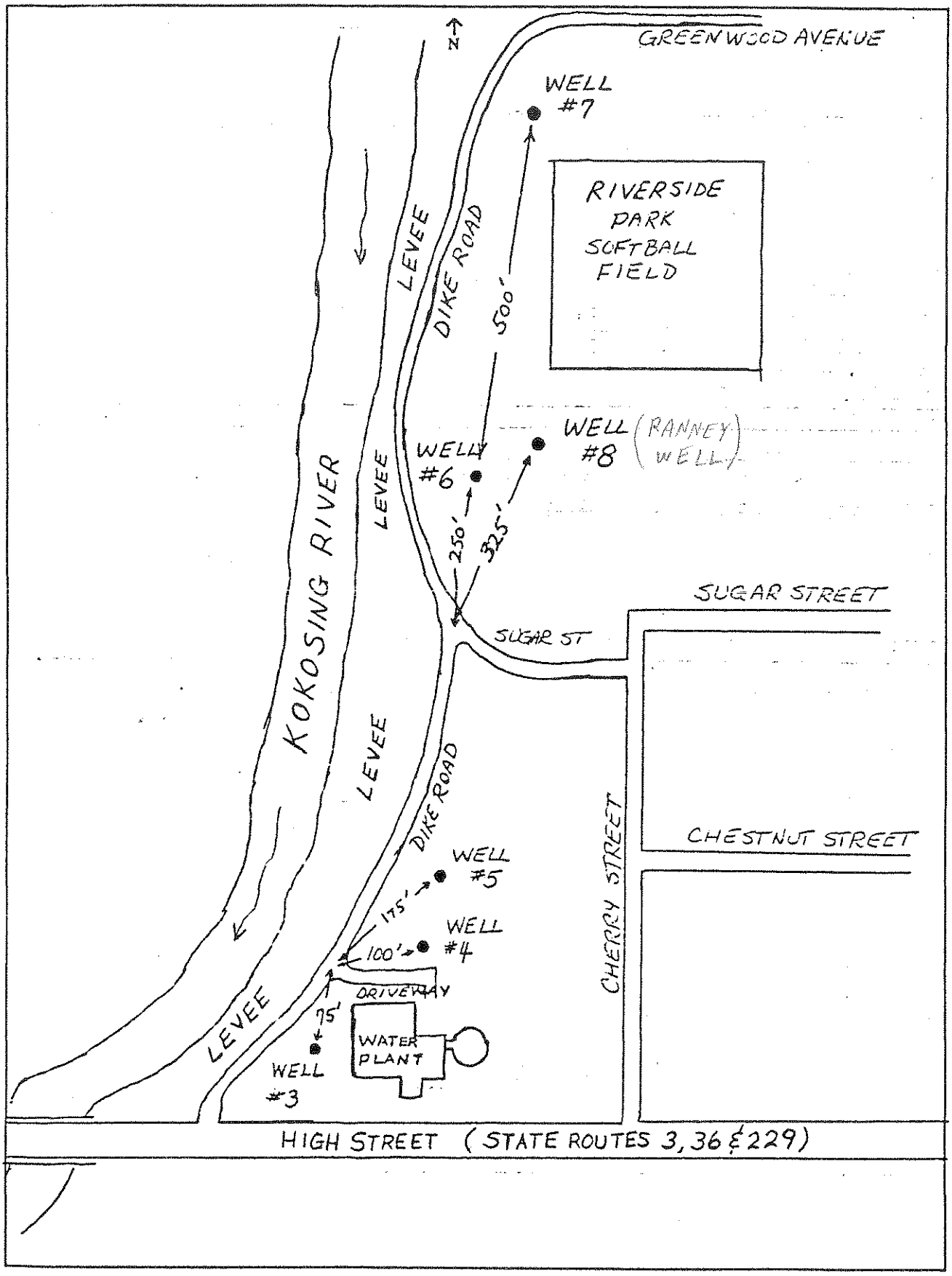
Driller: Roy Flanagan
Installer: Charles Webb

THE LAYNE OHIO CO.
WATER SUPPLY CONTRACTORS
COLUMBUS, OHIO

CITY OF MT. VERNON
MT. VERNON, OHIO

DRAWN BY: R.F.J.-D.L.M.S. APPROVED:
WELL NO: 7 DRAWING NO: 1545

WATER WITHDRAWAL FACILITY LOCATION SKETCH: Locate all wells, intake pipes, places of use, and discharge points with references to water sources, named roads, highways, buildings, or other distinctive landmarks. This section may be divided for additional maps or separate maps may be attached.



FOR OFFICE USE ONLY:

Date of Registration _____ Basin 05040003 Registration Number 00500 Latitude 40° 23' 45" Longitude 82° 37' 00"

Q-19

FREDERICKTOWN, OHIO

WF'. LOG AND DRILLING RI ORT

ORIGINAL

NO CARBON PAPER NECESSARY– SELF-TRANSCRIBING

State of Ohio
DEPARTMENT OF NATURAL RESOURCES
Division of Geological Survey
Fountain Square
Columbus, Ohio 43224 Phone (614) 466-5344

485525

COUNTY KNOX TOWNSHIP Clinton SECTION OF TOWNSHIP OR LOT NUMBER

OWNER PAPER & FLEXIBLE PACKAGING DIV. OF WIDLOW CORP. ADDRESS Mt. Vernon, O.

LOCATION OF PROPERTY APPROXIMATELY 35' N. OF WELL NO. 4

CONSTRUCTION DETAILS

Casing diameter 12" Length of casing 66'6"

Type of screen 12" Cook Sub Length of screen 20'/SLOT 12

Type of pump Peerless Vert. Turbine

Capacity of pump 500GPM @ 245' TDH

Depth of pump setting 75'

Date of completion DECEMBER 1979

BAILING OR PUMPING TEST
(specify one by circling)

Test rate 770 gpm Duration of test 8 hrs

Drawdown ft Date DEC. 7, 1979

Static level (depth to water) 13'10" ft

Quality (clear, cloudy, taste, odor)

Pump installed by G. M. BAKER

WELL LOG*

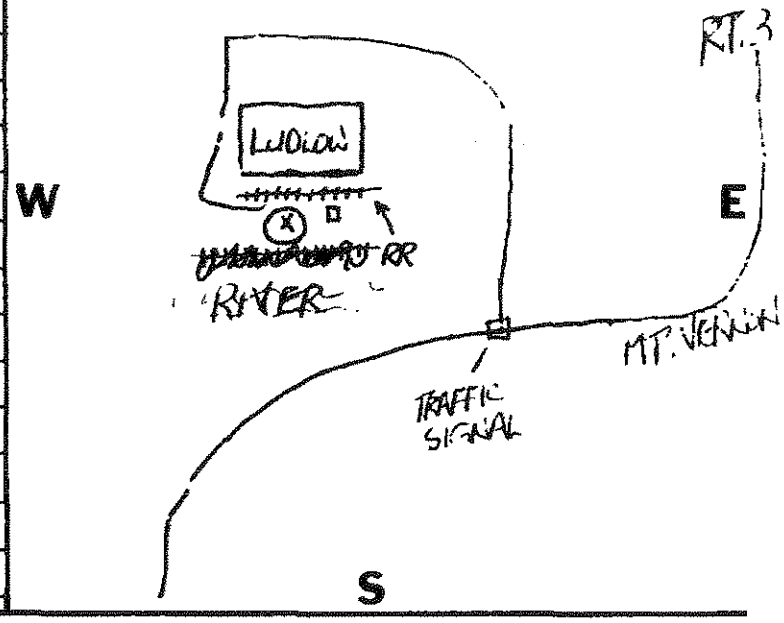
Formations: sandstone, shale, limestone, gravel, clay	From	To
TOP SOIL & FILL	0 ft	2 ft
SAND	2 FT.	5 FT.
DRY GRAVEL W/SAND	5 FT.	35 FT
GREY SANDY CLAY	35 FT	65 FT.
GREY GRAVEL - MEDIUM TO COARSE	65 FT	94 FT

SKETCH SHOWING LOCATION

Locate in reference to numbered state highways, street intersections, county roads, etc.

WELL NO. 4A

TO THE REAR OR SOUTH SIDE OF WIDLOW CORP.



DRILLING FIRM G. M. BAKER DATE JAN. 14, 1980

ADDRESS 873 N. 4th ST COLS. 43211 SIGNED William H. Cline

*If additional space is needed to complete well log, use next consecutive numbered form.

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WELL LOG AND DRILLING REPORT

ORIGINAL

State of Ohio
DEPARTMENT OF NATURAL RESOURCES
Division of Water
1562 W. First Avenue
Columbus, Ohio 43212

PLEASE USE PENCIL OR TYPEWRITER
DO NOT USE INK.

Nº 333777

County Knox Township Clinton Section of Township

Owner Continental Can Co. Address Mt. Vernon, Ohio

Location of property North of Power House on Plant property

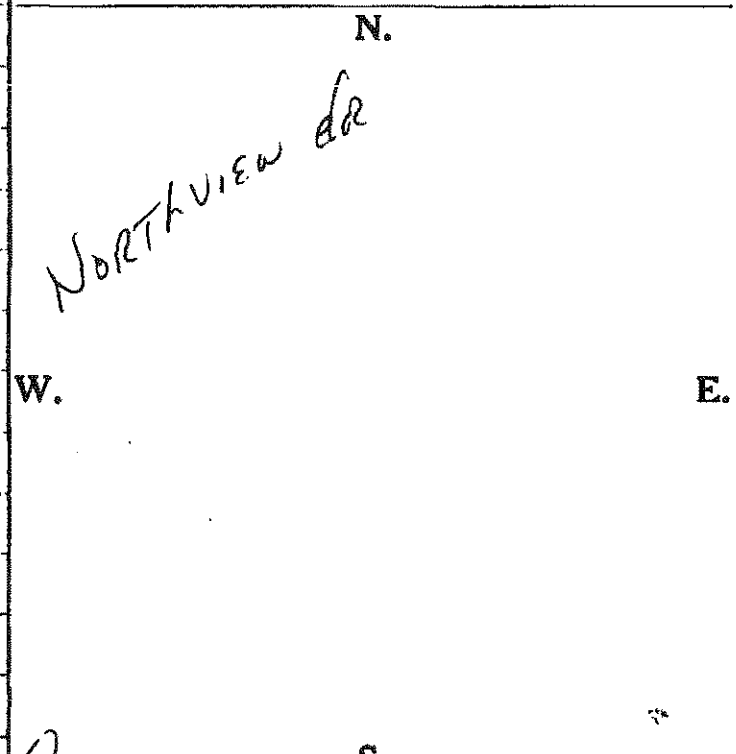
CONSTRUCTION DETAILS	BAILING OR PUMPING TEST
Casing diameter 14" Length of casing 77'	Pumping Rate 950? G.P.M. Duration of test ..... hrs.
Type of screen Johnson Length of screen 20	Drawdown ..... ft. Date .....
Type of pump D.W. Turbine	Static level-depth to water 23 ft.
Capacity of pump 950-1000 GPM	Quality (clear, cloudy, taste, odor) Clear
Depth of pump setting 75'	
Date of completion Feb 1966	Pump installed by .....

WELL LOG*

Formations Sandstone, shale, limestone, gravel and clay	From	To
Sand & gravel - dry	0 Feet	22 Ft.
Sand & gravel - water	22'	37'
Clay	37'	61'
Clay & Sand	61'	66
Sand & gravel	66'	96'

SKETCH SHOWING LOCATION

Locate in reference to numbered State Highways, St. Intersections, County roads, etc.



See reverse side for instructions

Drilling Firm J. M. Baker & Son Date 2/21/66

Address Columbus Ohio Signed [illegible]

*If additional space is needed to complete well log, use next consecutive numbered form.

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WELL LOG AND DRILLING REPORT

ORIGINAL

State of Ohio
DEPARTMENT OF NATURAL RESOURCES
Division of Water
1562 W. First Avenue
Columbus, Ohio 43212

PLEASE USE PENCIL OR TYPEWRITER
DO NOT USE INK.

Nº 333760

County Knox Township Clinton Section of Township

Owner Continental Can Co Address Mount Vernon, Ohio

Location of property Plant property - North part of city

CONSTRUCTION DETAILS

Casing diameter 12 Length of casing 84

Type of screen Johnson Length of screen 19

Type of pump P-W. Turbine

Capacity of pump 350 G.P.M.

Depth of pump setting 65'

Date of completion July 1965

BAILING OR PUMPING TEST

Pumping Rate ..... G.P.M. Duration of test ..... hrs.

Drawdown ..... ft. Date .....

Static level-depth to water 15 ft.

Quality (clear, cloudy, taste, odor) Clear.

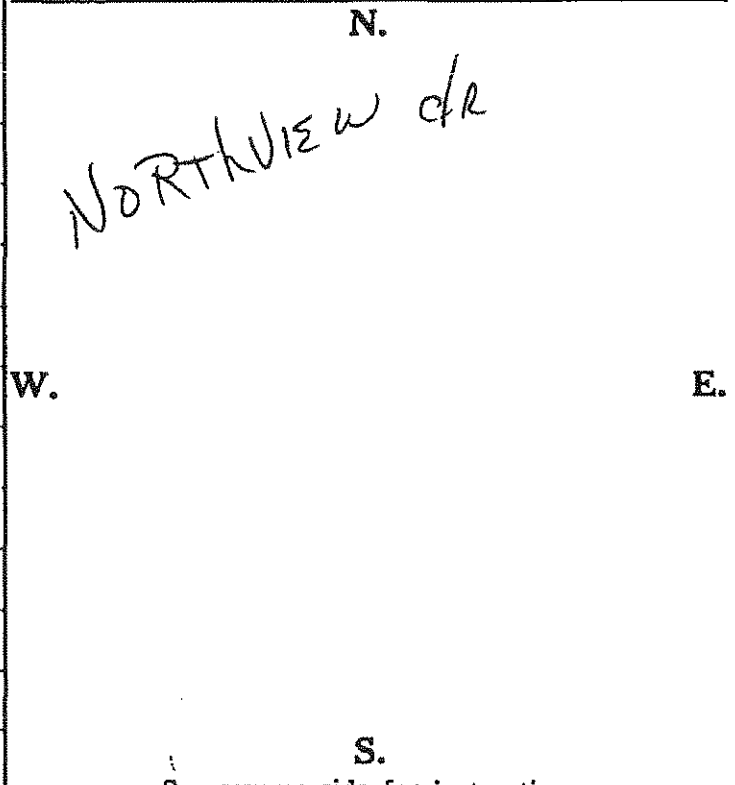
Pump installed by .....

WELL LOG*

Formations Sandstone, shale, limestone, gravel and clay	From	To
Fill.	0 Feet	1 Ft.
Clay & Sand	1	12
Sand & gravel	12	40
Clay & Sand	40	66
Sand & gravel	66	92

SKETCH SHOWING LOCATION

Locate in reference to numbered State Highways, St. Intersections, County roads, etc.



See reverse side for instructions

Drilling Firm G. M. Baker & Son Date 9/11/65

Address Columbus, Ohio Signed W. H. Boger

*If additional space is needed to complete well log, use next consecutive numbered form.

14

WELL LOG AND DRILLING REPORT

ORIGINAL

State of Ohio
DEPARTMENT OF NATURAL RESOURCES
Division of Water
1562 W. First Avenue
Columbus, Ohio 43212

PLEASE USE PENCIL OR TYPEWRITER
DO NOT USE INK.

Nº 333759

County Knox Township Clinton Section of Township

Owner Continental Can Co Address Mount Vernon, Ohio

Location of property Plant property - North section of city

CONSTRUCTION DETAILS

Casing diameter 12" Length of casing 80

Type of screen Johnson Length of screen 15

Type of pump V.W. Turbine

Capacity of pump 500 G.P.M.

Depth of pump setting 65'

Date of completion June 1965

BAILING OR PUMPING TEST

Pumping Rate ..... G.P.M. Duration of test ..... hrs.

Drawdown ..... ft. Date .....

Static level-depth to water 18' ft.

Quality (clear, cloudy, taste, odor) Clear.

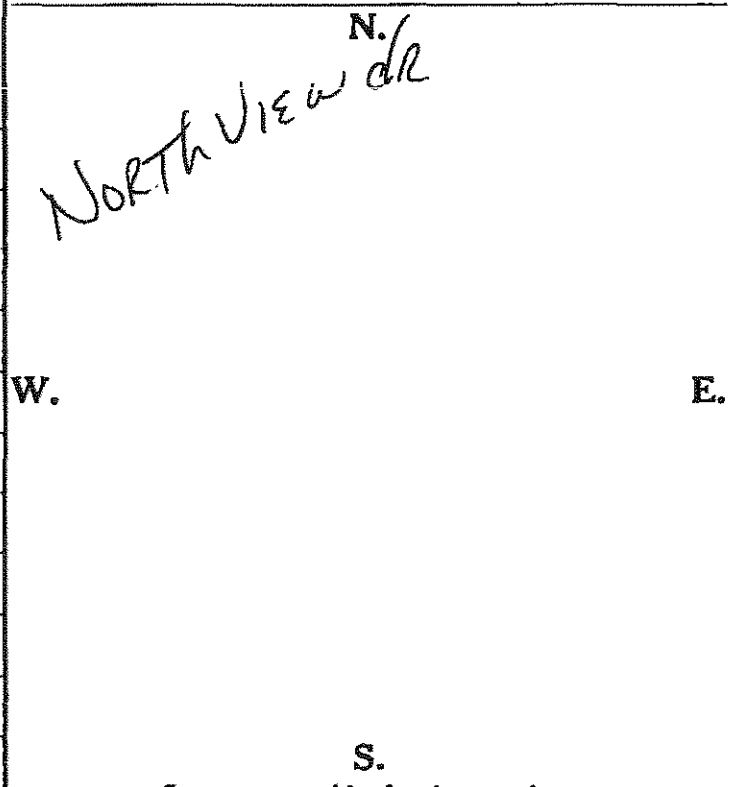
Pump installed by .....

WELL LOG*

Formations Sandstone, shale, limestone, gravel and clay	From	To
Fill	0 Feet	1 Ft.
Clay & gravel	1	12
Sand & gravel	12	36
Clay & sand	36	62
Sand & gravel	62	94

SKETCH SHOWING LOCATION

Locate in reference to numbered State Highways, St. Intersections, County roads, etc.



See reverse side for instructions

Drilling Firm G. M. Baker & Son Date 9/11/65

Address Columbus, Ohio Signed W. H. Baker

*If additional space is needed to complete well log, use next consecutive numbered form.

RMT Integrated Environmental Solutions

2025 E. Beltline Ave. SE, Suite 402
Grand Rapids, MI 49546
Telephone: 616-975-5415
Fax: 616-975-1098

March 14, 2003

Mr. J. Brian Galley
Environmental Engineer
Pechiney Plastic Packaging, Inc.
2301 Industrial Drive (54956)
Neenah, WI 54957

Subject: Plant Decommissioning/Asbestos Abatement and Demolition at the Former Pechiney Plastic Packaging, Inc., Mt. Vernon, Ohio, Facility

Dear Brian:

Pechiney Plastic Packaging, Inc., (PPPI), retained RMT, Inc. (RMT), to provide PPPI with Plant Decommissioning/Asbestos Abatement and Demolition Services at the PPPI, Mt. Vernon facility located at 201 West Madison Avenue, Mt. Vernon, Ohio. This letter report documents the decommissioning/asbestos abatement and the demolition activities.

The plant decommissioning/asbestos abatement commenced on September 3, 2002 and was completed on December 19, 2002. Demolition activities commenced on September 23, 2002 and were substantially completed on January 10, 2003, with only minor site grading and seeding to be completed this spring. The decommissioning/asbestos abatement and demolition activities consisted of the following:

PREMOBILIZATION PLANNING

Premobilization and planning consisted of preparing an agenda, site-specific health and safety plan and administering a preconstruction meeting, which included a written summary and distribution to attendees on September 3, 2002. Work included under this item consisted of, but was not limited to, furnishing all labor, equipment, materials, supervision, and incidentals for furnishing and movement of personnel, office, storage trailers, vehicles, equipment, and incidentals to the site; furnishing of all required permits, licenses, notifications and insurance; submittal of a detailed, operational, site-specific Health & Safety Plan in accordance with OSHA Standards 29 CFR Part 1910 and 29 CFR 1926; submittal of a Construction Progress Schedule, submittal of all other required documents and attendance and participation in the pre-construction meeting. Abandonment of electrical and other underground utilities was performed by others and arranged by PPPI.

PRODUCTION WELL ABANDONMENT

The abandonment of the facilities seven (7) production wells were performed by G.M. Baker & Son Company under subcontract with RMT. Production well abandonment activities commenced on December 3, 2002 and were completed on December 13, 2002. Work included under this item consisted of, but was not limited to, furnishing all labor, equipment, materials, supervision, and incidentals to remove well pumps, perform well abandonments and reporting in accordance with Ohio Revised Code (ORC) Section 1521.05 (B). Stanley J. Bunk, P.E., of G. M. Baker & Son Company has forwarded the original copies of the Water Well Sealing Reports to the ODNR, Division of Water,

for well numbers 1, 2, 3, 4, 4A, 5 & 6. Copies of the Water Well Sealing Reports and a copy of the Production Well Locator Map has been included in Appendix A.

ASBESTOS ABATEMENT

Regulated Asbestos Containing Materials (RACM) abatement activities commenced on September 3, 2002, and were completed on December 19, 2002. Work included under this item consisted of, but was not limited to, furnishing all labor, equipment, materials, supervision, and incidentals for the removal of all the asbestos containing pipe insulation, tank insulation, boiler breeching, roofing and interior/exterior transite panels located through out the facility. All RACM abatement activities were conducted in accordance with 29 CFR 1926.1101 Subpart Z, the Ohio Environmental Protection Agency Notification of Demolition and Renovation Permit and federal, state and local ordinances. A total of forty-two (42) loads (301.96 tons) of Class I Friable asbestos and seven (7) loads (73.66 tons) of Class II Non-Friable asbestos were transported and disposed of at the Noble Road Landfill, Inc., located at 170 Noble Road E, Shiloh, Ohio. The facility phone number for future reference is (740) 225-0489. Copies of the forty-nine (49) Generator's Non-Hazardous Waste Mainifests, Facility Layout Map and a Asbestos Table identifying building location and quantities removed and a Project Close-Out Package prepared by American Services Group, Inc., have been included in Appendices B, C, D and E respectively.

REMOVAL OF FLUORESCENT LAMPS AND LAMP BALLASTS

The process of removing fluorescent lights and light ballasts were conducted concurrently with other work tasks commencing on September 3, 2002 and were completed on December 19, 2002. Work included under this item consisted of, but was not limited to, furnishing all labor, equipment, materials, supervision, and incidentals for the removal of fluorescent, mercury vapor and HID lights and the removal and proper packaging of all light ballasts. Work also included the segregation of PCB and non-PCB ballasts and packaging. Labeling, manifesting, transporting and disposing of the fluorescent, mercury vapor and HID lights, non-PCB and PCB ballasts were conducted by PPPI and Rineco respectively.

DEMOLITION

Demolition activities commenced on September 23, 2002 and were substantially completed on January 10, 2003. Work included under this item consisted of, but was not limited to, furnishing all labor, equipment, materials, supervision, and incidentals for the demolition of all production buildings and associated structures including the main office building. Construction demolition debris (hard fill) that was suitable for backifilling basements, pits, channels and loading dock areas was comprised of brick, concrete block and broken concrete from the demoilition process. Construction demolition debris (soft fill) that was unsuitable for use as backfill material was loaded and transported to the Roberts C&DD Facility, Inc., Landfill located at 7271 Fallsburg Road in

Newark, Ohio 43055. A total of 11,132 cubic yards or 367 loads were transported and disposed off-site. Construction demolition materials that could be recycled were loaded and transported to Ross Bros. Recycling located, locally in Mt. Vernon. A total of 2,403 tons of recycled materials consisting of steel beams, trusses, copper wire, metal duct work, steel pipe, galvenized sheeting, etc., were transported off-site for recycling.

SITE RESTORATION

Work included under this item will consist of furnishing labor, equipment, materials, supervision, and incidentals to finish grade any disturbed areas. Applying fertilizer and grass seed to disturbed areas as well as a protective cover for the seed (i.e., straw). Work is anticipated to commence and be completed in early spring.

For future reference, photo documentation has been included in Attachment F.

Please call me at (616) 975-5415 ext. 1420 or (616) 633-4719 if you have any questions.

Sincerely,

RMT, Inc.

Jeff Sass, CFM
Senior Construction Manager

Appendices:
A - Water Well Sealing Reports
B – Non-Hazardous Waste Manifests
C – Facility Layout Map
D – Asbestos Abatement Classification/Quantification Table
E – Closeout Package
F – PPPI Asbestos Abatement & Demolition Photo Log

APPENDIX A

Appendix A
Water Well Sealing Reports

PHONE 614-443-3898
FAX 614-443-4909

MOODY'S of Dayton, Inc. DBA
G.M. BAKER & SON

335 HOSACK DRIVE
COLUMBUS, OHIO 43207

January 6, 2003

Mr. Jeff Foss
RMT, Inc.
5890 Sawmill Road
Suite 100
Dublin, Ohio 43017

RE: Water Well Sealing Reports

Dear Mr. Foss:

Enclosed please find the Water Well Sealing Reports for well #'s 1, 2, 3, 4, 4A, 5, & 6. We are also forwarding the appropriate copies to the ODNR, Division of Water.

If you have any questions, please call.

Sincerely,

Stanley J. Bunk/lac

Stanley J. Bunk, P.E.
SJB/lac

DNR 7810.00

WATER WELL SEALING REPORT
OHIO DEPARTMENT OF NATURAL RESOURCES
Division of Water
1939 Fountain Square Drive
Columbus, Ohio 43224-1385
Voice: (614) 265-6739 Fax: (614) 265-6767

0127247

LOCATION

County Knox Township Pleasant Section/Lot Number (Circle One or Both) Well #1

Owner/Builder (Circle One or Both) Pechiney Plastics Packaging Inc. (Formerly American Nat'l Can Co.)

Address of Well Location 201 Madison Ave. (Number / Street Name)

City Mt. Vernon Zip Code +4 43050

Property Location Description: 0.5 miles W. (n, e, s, w) of Madison & Marion Sts (nearest intersection) on the W (n, e, s, w) side of Marion (road name)

Location of Well in State Plane coordinates, if available N ☐ S ☐ X ____ +/- ____ ft. or m Y ____ +/- ____ ft. or m

Elevation of Well ____ +/- ____ ft. or m Datum Plain: ☐ NAD27 ☐ NAD83

Source of Coordinates: ☐ GPS ☐ Survey ☐ Other ____

ORIGINAL WELL ODNR Well Log Number ____ Copy attached? Yes or No (circle one)

MEASURED CONSTRUCTION DETAILS

Date of measurements 12/12/02

Depth of Well 83' Static Water Level 15'
of Casing 12" Length of casing 68'
Well Condition Poor

SEALING PROCEDURE

Method of Placement Pour

Placement:	From	To	Sealing Material	Volume
	83'	25'	Gravel	70 ft 3
	25	0'	Bentonite & Cement	25 Ft 3

Was Casing Removed? Yes or No (circle one)

Condition of Casing Poor
Perforations: From ____ To ____
From ____ To ____

Date Sealing Performed 12/12/02
Reason(s) for Sealing Plant being torn down

CONTRACTOR

Name Moody's of Dayton, Inc ODH Registration # 636
Address 335 Rosack Street
City/State/Zip Columbus, Ohio 43207

Signature [signature]
I hereby certify the information given is accurate and correct to the best of my knowledge.

Completion of this form is required by section 1521.05 (B) (9), Ohio Revised Code - file within 30 days after completion of sealing.
ORIGINAL COPY TO - ODNR, DIVISION OF WATER, 1939 FOUNTAIN SQ. DRIVE, COLS., OHIO 43224-1385
Blue - Customer's copy Pink - Driller's copy Green - Local Health Dept. copy

DNR 7810.00

WATER WELL SEALING REPORT
OHIO DEPARTMENT OF NATURAL RESOURCES

0127254

Division of Water
1939 Fountain Square Drive
Columbus, Ohio 43224-1385
Voice: (614) 265-6739 Fax: (614) 265-6767

LOCATION

County Knox Township Pleasant Section/Lot Number (Circle One or Both) Well #2

Owner/Builder (Circle One or Both) Pechiney Plastics Packaging Inc. (Formerly American Can Co.)

Address of Well Location 201 Madison Ave. (Number / Street Name)

City Mt Vernon Zip Code +4 43050

Property Location Description: 0.5 miles West (n, e, s, w) of Madison & Marion St (nearest intersection) on the West (n, e, s, w) side of Marion St. (road name)

Location of Well in State Plane coordinates, if available N ☐ S ☐ X ____ +/- ____ ft. or m Y ____ +/- ____ ft. or m

Elevation of Well ____ +/- ____ ft. or m Datum Plain: ☐ NAD27 ☐ NAD83

Source of Coordinates: ☐ GPS ☐ Survey ☐ Other ____

ORIGINAL WELL ODNR Well Log Number ____ Copy attached? (circle one) Yes or No

MEASURED CONSTRUCTION DETAILS Date of measurements 12/12/02

Depth of Well 92' Static Water Level 15'

Diameter of Casing 10" Length of casing 77"

Well Condition Fair

SEALING PROCEDURE

Method of Placement Pour

			Sealing Material	Volume
Placement:	From 92'	To 25'	Gravel	58 Ft 3
	From 25'	To 0'	Bentonite Cement	25 Ft 3
	From	To		

Was Casing Removed? Yes or No (circle one)

Condition of Casing Fair

Perforations: From ____ To ____

From ____ To ____

Date Sealing Performed 12/12/02

Reason(s) for Sealing Plant being torn down

CONTRACTOR

Name Moody's of Dayton, Inc. ODH Registration # 636

Address 335 Kosack St

City/State/Zip Columbus, Ohio 43207

Signature ____ I hereby certify the information given is accurate and correct to the best of my knowledge.

Completion of this form is required by section 1521.05 (B) (9), Ohio Revised Code - file within 30 days after completion of sealing.

ORIGINAL COPY TO - ODNR, DIVISION OF WATER, 1939 FOUNTAIN SQ. DRIVE, COLS., OHIO 43224-1385

Blue - Customer's copy Pink - Driller's copy Green - Local Health Dept. copy

DNR 7810.00

WATER WELL SEALING REPORT
OHIO DEPARTMENT OF NATURAL RESOURCES
Division of Water
1939 Fountain Square Drive
Columbus, Ohio 43224-1385
Voice: (614) 265-6739 Fax: (614) 265-6767

0127249

LOCATION

County Knox Township Pleasant Section/Lot Number (Circle One or Both) Well #3

Owner/Builder Pechiney Plastics Packaging Inc (Formerly American Nat'l Can Co.)
Circle One or Both XXXXXXXXXXXXXXXX.

Address of Well Location 201 Madison Ave.
Number Street Name

City Mt Vernon Zip Code +4 43050

Property Location Description: 0.5 miles West (n, e, s, w) of Madison & Marion St (nearest intersection)
on the West (n, e, s, w) side of Marion (road name)

Location of Well in State Plane coordinates, if available N ☐ S ☐ X [ ] +/- ft. or m Y [ ] +/- ft. or m

Elevation of Well [ ] +/- ft. or m Datum Plain: ☐ NAD27 ☐ NAD83

Source of Coordinates: ☐ GPS ☐ Survey ☐ Other

ORIGINAL WELL ODNR Well Log Number Copy attached? (circle one) Yes or No

MEASURED CONSTRUCTION DETAILS

Date of measurements 12/12/02

Depth of Well 75' Static Water Level 15'
Diameter of Casing 12" Length of casing 60'
Well Condition XXXXX Good

SEALING PROCEDURE

Method of Placement Pour

			Sealing Material	Volume
Placement:	From 75'	To 25'	Gravel	50 Ft 3
	From 25'	To 0'	Bentonite Cement	25 Ft 3
	From	To		

Was Casing Removed? Yes or No (circle one)

Condition of Casing Poor
Perforations: From To
From To

Date Sealing Performed 12/12/02
Reason(s) for Sealing Plant being torn down

CONTRACTOR

Name Moody's of Dayton, Inc ODH Registration # 1634
Address 335 Hosack St.
City/State/Zip Columbus, OH 43207
Signature
I hereby certify the information given is accurate and correct to the best of my knowledge.

Completion of this form is required by section 1521.05 (B) (9), Ohio Revised Code - file within 30 days after completion of sealing.
ORIGINAL COPY TO - ODNR, DIVISION OF WATER, 1939 FOUNTAIN SQ. DRIVE, COLS., OHIO 43224-1385
Blue - Customer's copy Pink - Driller's copy Green - Local Health Dept. copy

DNR 7810.00

WATER WELL SEALING REPORT
OHIO DEPARTMENT OF NATURAL RESOURCES
Division of Water
1939 Fountain Square Drive
Columbus, Ohio 43224-1385
Voice: (614) 265-6739 Fax: (614) 265-6767

0127250

LOCATION

County Knox Township Pleasant Section/Lot Number (Circle One or Both) Well #4

Owner/Builder (Circle One or Both) Pechiney Plastics Packaging Co Inc (Formerly American Nat'l Can Co)

Address of Well Location 201 Madison Ave (Number / Street Name)

City Mt Vernon Zip Code +4 43050

Property Location Description: 0.5 miles West (n, e, s, w) of Madison & Marion St (nearest intersection) on the West (n, e, s, w) side of Marion (road name)

Location of Well in State Plane coordinates, if available N ☐ S ☐ X ____ +/- ____ ft. or m Y ____ +/- ____ ft. or m

Elevation of Well ____ +/- ____ ft. or m Datum Plain: ☐ NAD27 ☐ NAD83

Source of Coordinates: ☐ GPS ☐ Survey ☐ Other ____

ORIGINAL WELL ODNR Well Log Number ____ Copy attached? (circle one) Yes or No

MEASURED CONSTRUCTION DETAILS

Date of measurements 12/12/02

Depth of Well 95' Static Water Level 15'

Diameter of Casing 12" Length of casing 80'

Casing Condition Good

SEALING PROCEDURE

Method of Placement Pour

	From	To	Sealing Material	Volume
Placement:	95'	25'	Gravel	70 Ft 3
	25'	0'	Bentonite Cement	25 Ft 3

Was Casing Removed? Yes or No (circle one)

Condition of Casing Good

Perforations: From ____ To ____
From ____ To ____

Date Sealing Performed 12/12/02

Reason(s) for Sealing Plant being torn down

CONTRACTOR

Name Moody's of Dayton, Inc. ODH Registration # 636

Address 335 Hosack St

City/State/Zip Columbus, OHio 43207

Signature [signature]
I hereby certify the information given is accurate and correct to the best of my knowledge.

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DNR 7810.00

WATER WELL SEALING REPORT
OHIO DEPARTMENT OF NATURAL RESOURCES
Division of Water
1939 Fountain Square Drive
Columbus, Ohio 43224-1385
Voice: (614) 265-6739 Fax: (614) 265-6767

0127251

LOCATION

County Knox Township Pleasant Section/Lot Number (Circle One or Both) Well #4A

Owner/Builder Pechiney Plastics Packaging Inc (Formerly American Nat'l CaCo.)
Circle One or Both

Address of Well Location 201 Madison Ave
Number Street Name

City Mt Vernon Zip Code +4 43050

Property Location Description: 0.5 miles West (n, e, s, w) of Madison & Marion St (nearest intersection) on the West (n, e, s, w) side of Marion (road name)

Location of Well in State Plane coordinates, if available N ☐ S ☐ X ____ ft. or m +/- ____ Y ____ ft. or m +/- ____

Elevation of Well ____ ft. or m +/- ____ Datum Plain: ☐ NAD27 ☐ NAD83

Source of Coordinates: ☐ GPS ☐ Survey ☐ Other

ORIGINAL WELL ODNR Well Log Number ____ Copy attached? Yes or No (circle one)

MEASURED CONSTRUCTION DETAILS Date of measurements 12/12/02

Depth of Well 31' Static Water Level 15'
Diameter of Casing 12" Length of casing
Well Condition Collapsed

SEALING PROCEDURE
Method of Placement Pour

	From	To	Sealing Material	Volume
Placement:	31'	0'	Bentonite Cement	35 Ft 3

Was Casing Removed? Yes or No (circle one)

Condition of Casing Poor
Perforations: From ____ To ____
From ____ To ____

Date Sealing Performed 12/12/02
Reason(s) for Sealing Plant being torn down

CONTRACTOR
Name Moody's of Dayton, Inc. ODH Registration # 636
Address 335 Hosack Street
City/State/Zip Columbus, Ohio 43207
Signature [signature]
I hereby certify the information given is accurate and correct to the best of my knowledge.

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WATER WELL SEALING REPORT
OHIO DEPARTMENT OF NATURAL RESOURCES
Division of Water
1939 Fountain Square Drive
Columbus, Ohio 43224-1385
Voice: (614) 265-6739 Fax: (614) 265-6767

0127252

LOCATION

County Knox Township Pleasant Section/Lot Number (Circle One or Both) Well #5

Owner/Builder (Circle One or Both) Pechiney Plastics Packaging Inc (Formerly American Nat'l Can Co)

Address of Well Location 201 Madison Ave (Number / Street Name)

City Mt Vernon Zip Code +4 43050

Property Location Description: 0.5 miles West (n, e, s, w) of Madison & Marion St (nearest intersection) on the West (n, e, s, w) side of Marion (road name)

Location of Well in State Plane coordinates, if available N ☐ S ☐ X ____ +/- ____ ft. or m Y ____ +/- ____ ft. or m

Elevation of Well ____ +/- ____ ft. or m Datum Plain: ☐ NAD27 ☐ NAD83

Source of Coordinates: ☐ GPS ☐ Survey ☐ Other

ORIGINAL WELL ODNR Well Log Number ____ Copy attached? Yes or No (circle one)

MEASURED CONSTRUCTION DETAILS

Date of measurements 12/12/02

Depth of Well 94' Static Water Level 15'

Diameter of Casing 12" Length of casing ~~88'~~ 79'

Well Condition Good

SEALING PROCEDURE

Method of Placement Pour

			Sealing Material	Volume
Placement: From 94'	To 25'		Gravel	69 Ft 3
From 25'	To 0'		Bentonite Cement	25 Ft 3
From	To			

Was Casing Removed? Yes or No (circle one)

Condition of Casing Good

Perforations: From ____ To ____
From ____ To ____

Date Sealing Performed 12/12/02

Reason(s) for Sealing Plant being torn Down

CONTRACTOR

Name Moody's of Dayton, Inc ODH Registration # 636

Address 335 Hosack Street

City/State/Zip Columbus, Ohio 43207

Signature [signature]
I hereby certify the information given is accurate and correct to the best of my knowledge.

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DNR 7810.00

WATER WELL SEALING REPORT
OHIO DEPARTMENT OF NATURAL RESOURCES
Division of Water
1939 Fountain Square Drive
Columbus, Ohio 43224-1385
Voice: (614) 265-6739 Fax: (614) 265-6767

0127253

LOCATION

County Knox Township Pleasant Section/Lot Number (Circle One or Both) Well #6

Owner/Builder (Circle One or Both) Pechiney Plastics Packaging Inc (Formerly American Nat'l CanCo)

Address of Well Location 201 Madison Ave. (Number / Street Name)

City Mt Vernon Zip Code +4 43050

0.5 miles West (n, e, s, w) of Madison & Marion St (nearest intersection)

Property Location Description on the West (n, e, s, w) side of Marion (road name)

Location of Well in State Plane coordinates, if available N ☐ S ☐ X ____ +/- ____ ft. or m Y ____ +/- ____ ft. or m

Elevation of Well ____ +/- ____ ft. or m Datum Plain: ☐ NAD27 ☐ NAD83

Source of Coordinates: ☐ GPS ☐ Survey ☐ Other

ORIGINAL WELL ODNR Well Log Number ____ Copy attached? Yes or No (circle one)

MEASURED CONSTRUCTION DETAILS

Date of measurements 12/12/02

Depth of Well 95' Static Water Level 15'

Diameter of Casing 12" Length of casing 75'

Well Condition Good

SEALING PROCEDURE

Method of Placement Pour

			Sealing Material	Volume
Placement: From 95'	To 25'		Gravel	70 Ft 3
From 25'	To 0'		Bentonite Cement	25 Ft 3
From	To			

Was Casing Removed? Yes or No (circle one)

Condition of Casing Good

Perforations: From ____ To ____
From ____ To ____

Date Sealing Performed 12/12/02

Reason(s) for Sealing Plant being torn Down

CONTRACTOR

Name Moody's of Dayton, Inc ODH Registration # 636

Address 335 Hosack Street

City/State/Zip Columbus, Ohio 43207

Signature ____ I hereby certify the information given is accurate and correct to the best of my knowledge.

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Inorganic Ground Water Quality Time Series

Ohio's Ambient Ground Water Monitoring Program

System Name:	MT. VERNON WELLFIELD # 8		Ambient ID: 39KNO00190
County:	KNOX	ODNR Well Log #:	604517
Casing Length (ft):	97.6	Lithology:	USG (Sand/Gravel)
Total Depth (ft):	97.6	Geol. Setting:	Buried Valley

The time series graphs presented here illustrate the total inorganic raw ground-water history for the selected system. The horizontal axes depict the sample date, while the parameter concentration is indicated on the vertical axes. These time series display, in graphical format, the waters' geochemical variability over the well's sampling history.

As an aid to the reader, Maximum Contaminant Levels (MCLs in red text) and SMCLs (secondary MCLs in blue text) have been noted on the graphs where applicable. Action levels (red text) have also been indicated for lead and copper. While these are convienient benchmarks for interpreting water quality data, please note that MCLs, ALs, and SMCLs apply strictly to public water system treated water, and not to the raw ground water samples collected through this program.

The Ambient Gound Water Monitoring Program (AGWMP) was established by Ohio Environmental Protection Agency to characterize Ohio's ground water quality in order to enhance water resource planning and to prioritize ground water protection activities. Managed by the Division of Drinking and Ground Waters, the AGWMP data base now contains raw (untreated) ground water information on some 214 active water supply wells in Ohio.

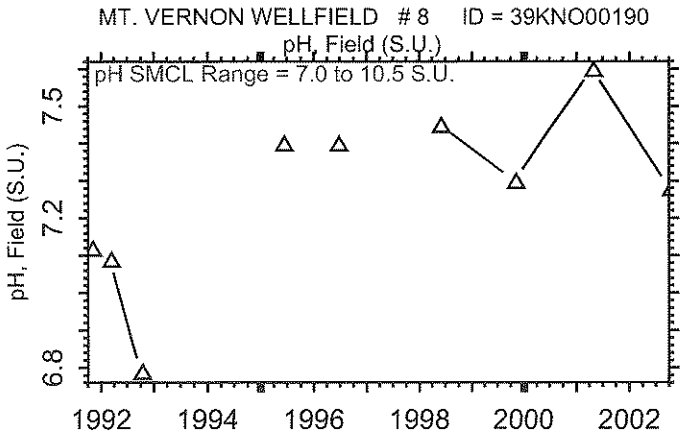
For additional information or answers to questions concerning the Ambient Ground Water Monitoring Program, contact Christopher Kenah or Michael Slattery at (614) 644-2752 at Ohio EPA in Columbus, or email us at: gwq@epa.state.oh.us. These graphs and other information on the Ambient Ground Water Monitoring Program are available on our Web site at: http:/www.epa.state.oh.us/ddagw/wqcharpr.html

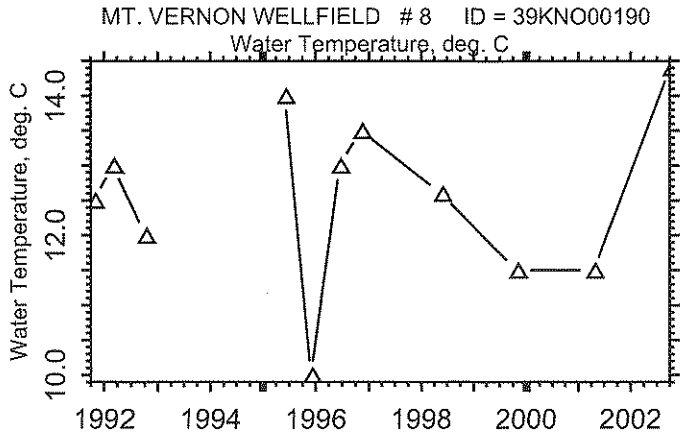
The Division of Drinking and Ground Waters (DDAGW) is providing information via this Web site as a public service. While Ohio EPA believes this information to be reliable and accurate, some data may be subject to human, mechanical or analytical error. Therefore, Ohio EPA does not warrant or guarantee the accuracy of these data. Because of the variability inherent in ground water data, caution must be taken in extrapolating point-data beyond the collection area. The accuracy, completeness, suitability and conclusions drawn from the information presented here are the sole responsibility of the user. Further, DDAGW specifically disclaims any and all liability for any claims or damages that may result from use of the Web site or the information it contains, including any Web sites maintained by third parties and linked to the DDAGW Web site.

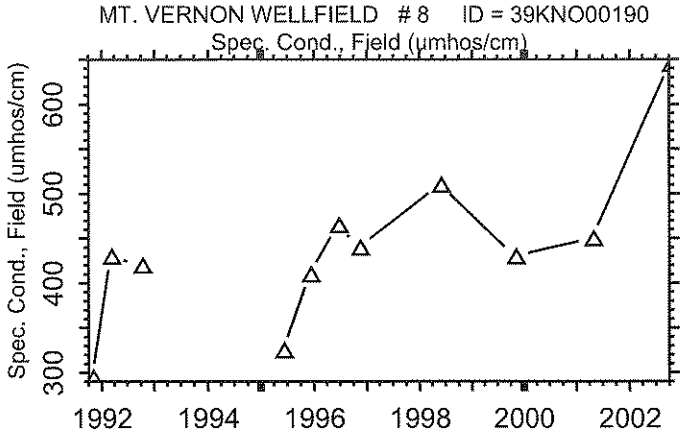
Ohio Environmental Protection Agency

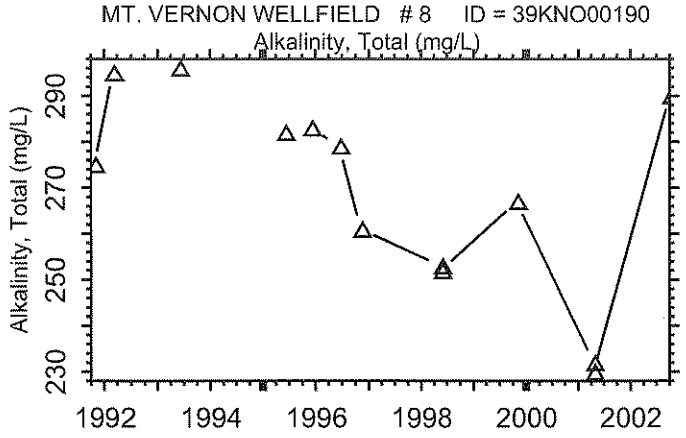
Division of Drinking and Ground Waters

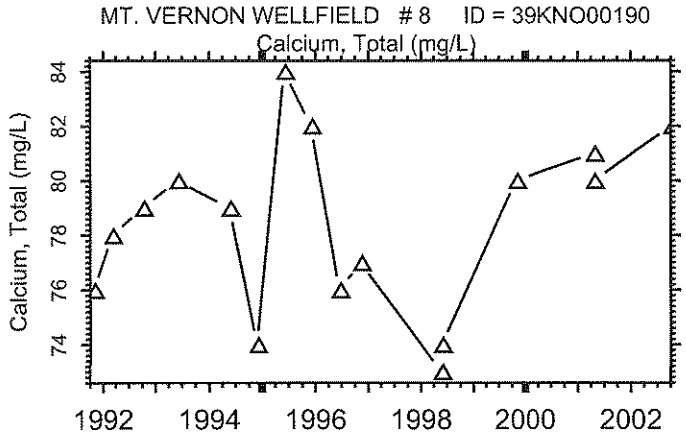
http:/www.epa.state.oh.us/ddagw/wqcharpr.html


MT. VERNON WELLFIELD # 8 ID = 39KNO00190
pH, Field (S.U.)
pH SMCL Range = 7.0 to 10.5 S.U.
pH, Field (S.U.)
6.8
7.2
7.5
1992
1994
1996
1998
2000
2002


MT. VERNON WELLFIELD # 8 ID = 39KNO00190
Water Temperature, deg. C
Water Temperature, deg. C
10.0
12.0
14.0
1992
1994
1996
1998
2000
2002


MT. VERNON WELLFIELD # 8 ID = 39KNO00190
Spec. Cond., Field (µmhos/cm)
Spec. Cond., Field (umhos/cm)
300
400
500
600
1992
1994
1996
1998
2000
2002


MT. VERNON WELLFIELD # 8 ID = 39KNO00190
Alkalinity, Total (mg/L)
Alkalinity, Total (mg/L)
230
250
270
290
1992
1994
1996
1998
2000
2002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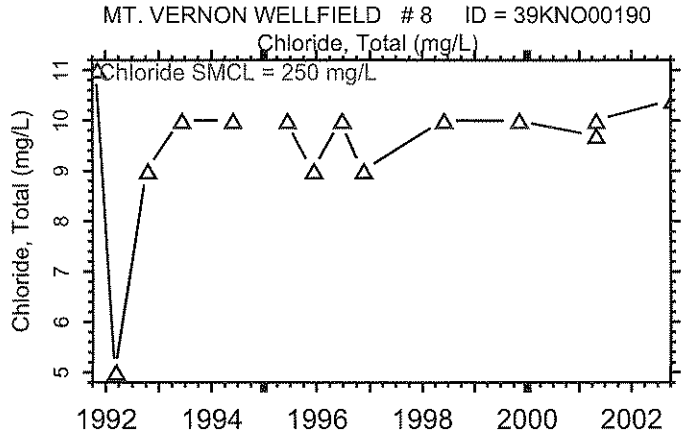
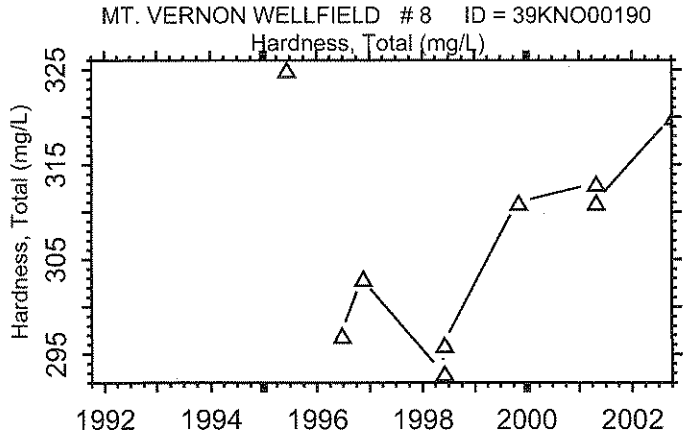
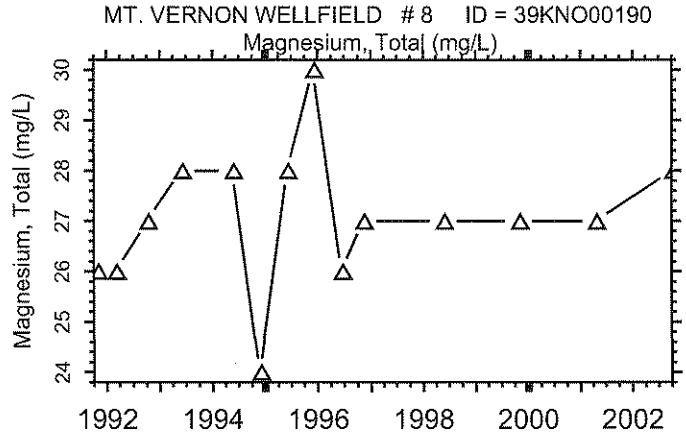
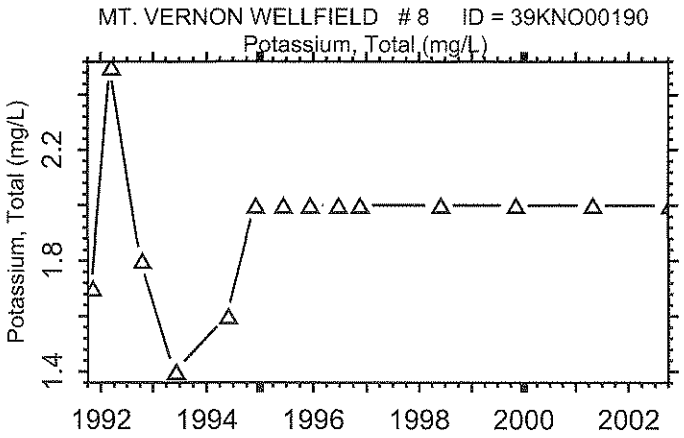
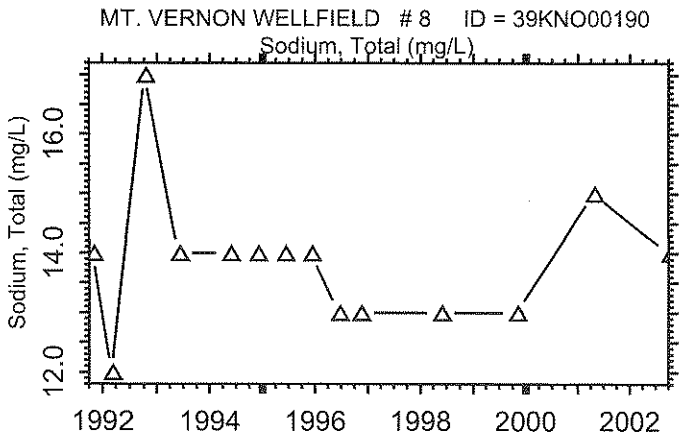
Calcium, Total (mg/L)
Calcium, Total (mg/L)
74
76
78
80
82
84
1992
1994
1996
1998
2000
2002


MT. VERNON WELLFIELD # 8 ID = 39KNO00190
Chloride, Total (mg/L)
Chloride SMCL = 250 mg/L
Chloride, Total (mg/L)
5
6
7
8
9
10
11
1992
1994
1996
1998
2000
2002


MT. VERNON WELLFIELD # 8 ID = 39KNO00190
Hardness, Total (mg/L)
Hardness, Total (mg/L)
295
305
315
325
1992
1994
1996
1998
2000
2002


MT. VERNON WELLFIELD # 8 ID = 39KNO00190
Magnesium, Total (mg/L)
Magnesium, Total (mg/L)
24
25
26
27
28
29
30
1992
1994
1996
1998
2000
2002


MT. VERNON WELLFIELD # 8 ID = 39KNO00190
Potassium, Total (mg/L)
Potassium, Total (mg/L)
1.4
1.8
2.2
1992
1994
1996
1998
2000
2002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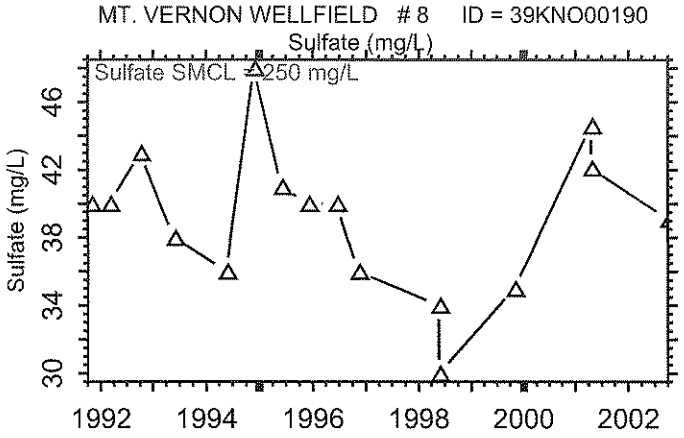
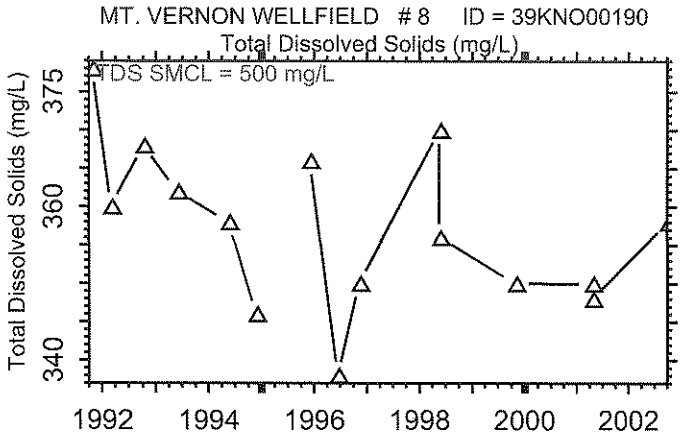
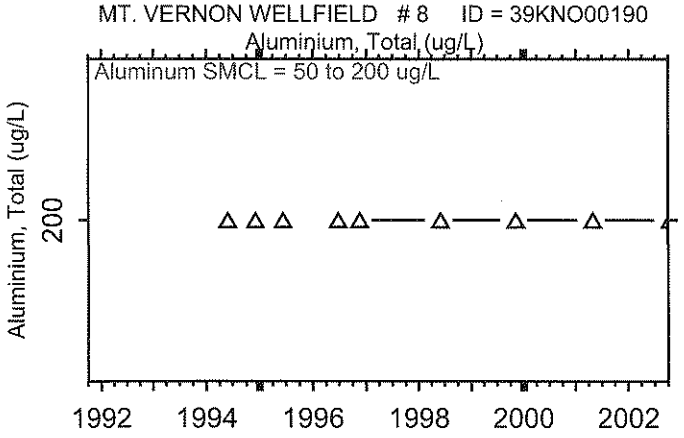
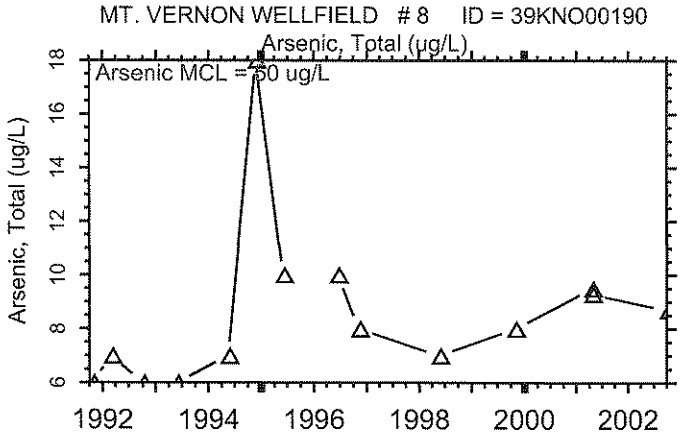
Sodium, Total (mg/L)
Sodium, Total (mg/L)
12.0
14.0
16.0
1992
1994
1996
1998
2000
2002


MT. VERNON WELLFIELD # 8 ID = 39KNO00190
Sulfate (mg/L)
Sulfate SMCL = 250 mg/L
Sulfate (mg/L)
30
34
38
42
46
1992
1994
1996
1998
2000
2002


MT. VERNON WELLFIELD # 8 ID = 39KNO00190
Total Dissolved Solids (mg/L)
TDS SMCL = 500 mg/L
Total Dissolved Solids (mg/L)
340
360
375
1992
1994
1996
1998
2000
2002


MT. VERNON WELLFIELD # 8 ID = 39KNO00190
Aluminium, Total (ug/L)
Aluminum SMCL = 50 to 200 ug/L
Aluminium, Total (ug/L)
200
1992
1994
1996
1998
2000
2002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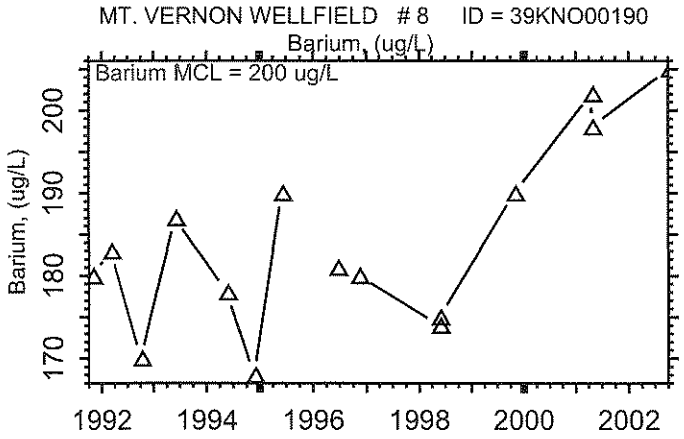
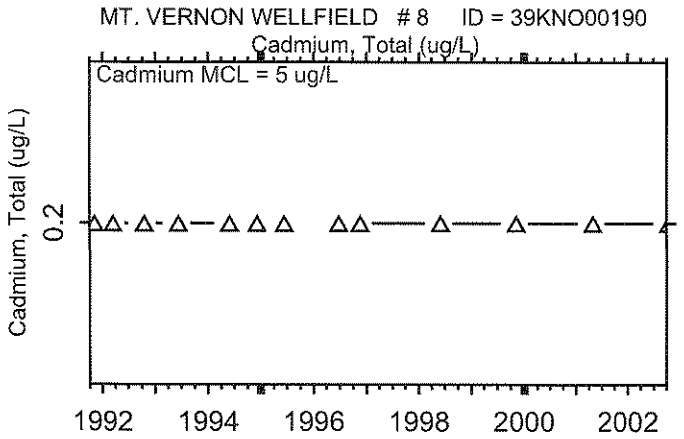
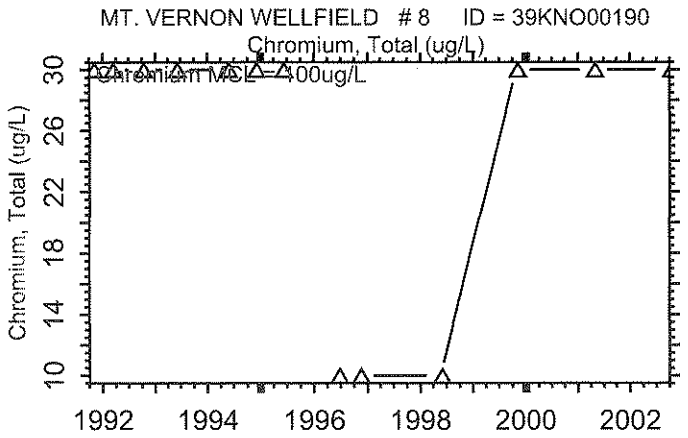
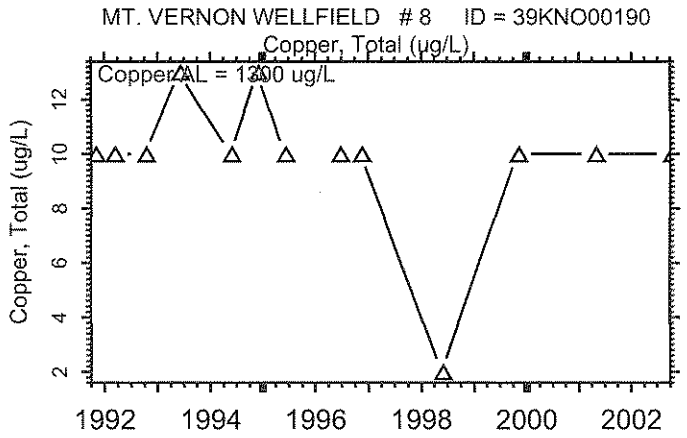
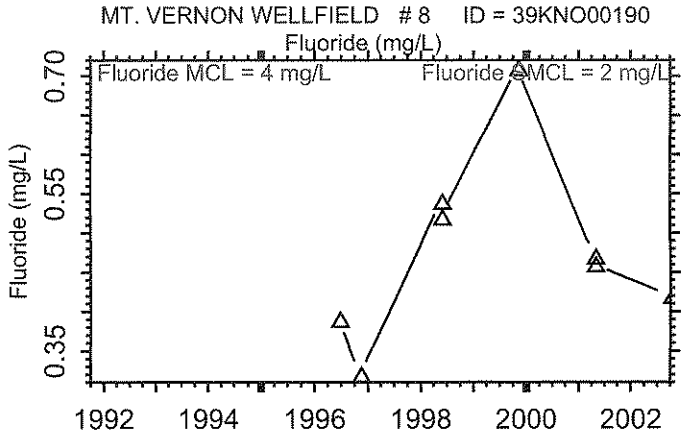
Arsenic, Total (ug/L)
Arsenic MCL = 50 ug/L
Arsenic, Total (ug/L)
6
8
10
12
14
16
18
1992
1994
1996
1998
2000
2002

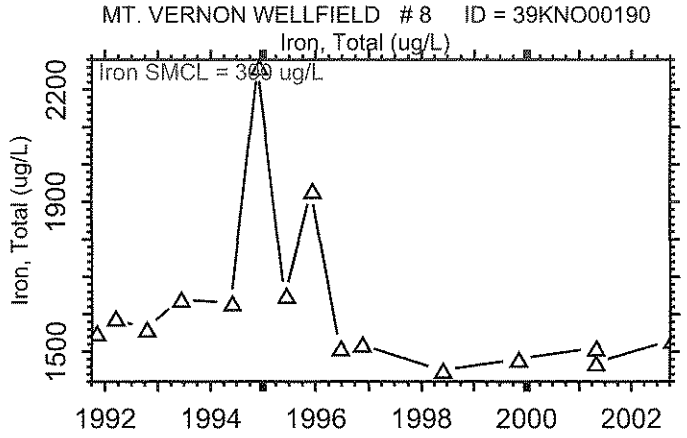

MT. VERNON WELLFIELD # 8 ID = 39KNO00190
Barium, (ug/L)
Barium MCL = 200 ug/L
Barium, (ug/L)
170
180
190
200
1992
1994
1996
1998
2000
2002

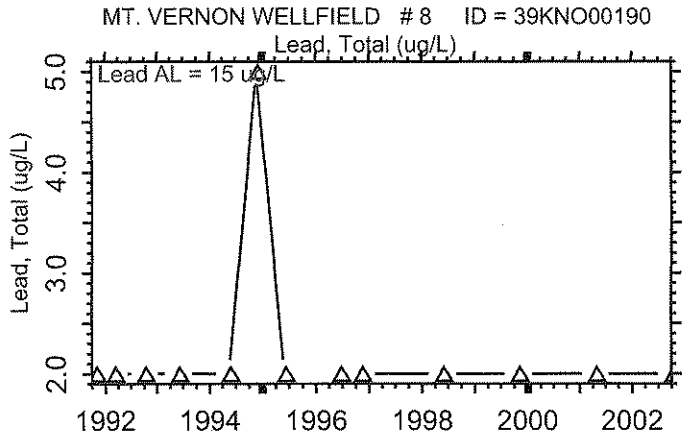

MT. VERNON WELLFIELD # 8 ID = 39KNO00190
Cadmium, Total (ug/L)
Cadmium MCL = 5 ug/L
Cadmium, Total (ug/L)
0.2
1992
1994
1996
1998
2000
2002

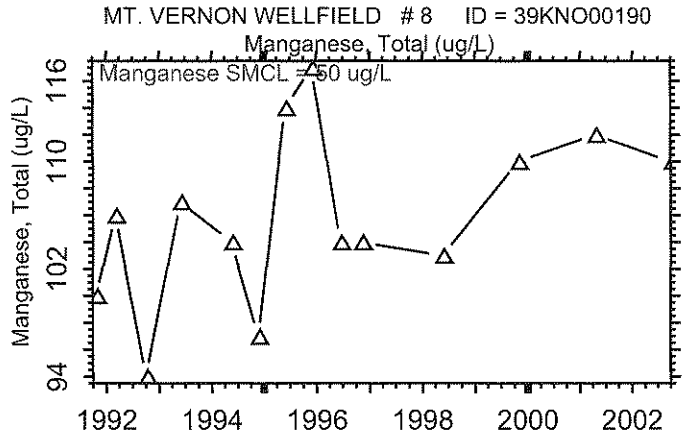

MT. VERNON WELLFIELD # 8 ID = 39KNO00190
Chromium, Total (ug/L)
Chromium MCL = 100ug/L
Chromium, Total (ug/L)
10 14 18 22 26 30
1992 1994 1996 1998 2000 2002

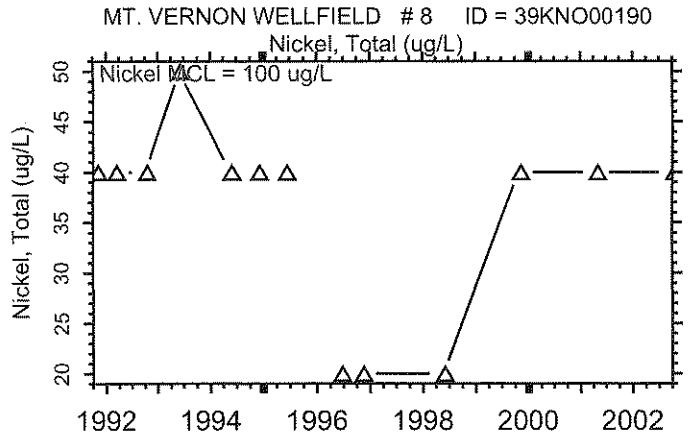

MT. VERNON WELLFIELD # 8 ID = 39KNO00190
Copper, Total (ug/L)
Copper AL = 1300 ug/L
Copper, Total (ug/L)
2 4 6 8 10 12
1992 1994 1996 1998 2000 2002

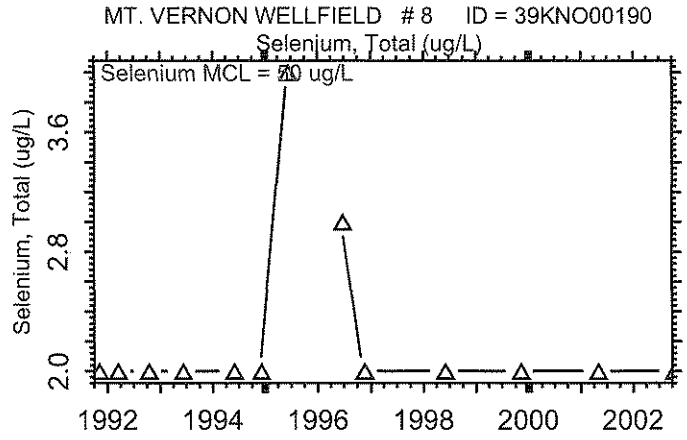

MT. VERNON WELLFIELD # 8 ID = 39KNO00190
Fluoride (mg/L)
Fluoride MCL = 4 mg/L
Fluoride SMCL = 2 mg/L
Fluoride (mg/L)
0.35 0.55 0.70
1992 1994 1996 1998 2000 2002


MT. VERNON WELLFIELD # 8 ID = 39KNO00190
Iron, Total (ug/L)
Iron SMCL = 300 ug/L
Iron, Total (ug/L)
1500 1900 2200
1992 1994 1996 1998 2000 2002

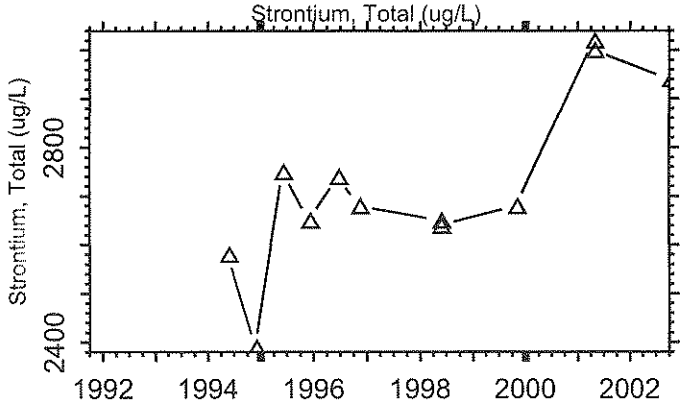

MT. VERNON WELLFIELD # 8 ID = 39KNO00190
Lead, Total (ug/L)
Lead AL = 15 ug/L
Lead, Total (ug/L)
2.0 3.0 4.0 5.0
1992 1994 1996 1998 2000 2002


MT. VERNON WELLFIELD # 8 ID = 39KNO00190
Manganese, Total (ug/L)
Manganese SMCL = 50 ug/L
Manganese, Total (ug/L)
94 102 110 116
1992 1994 1996 1998 2000 2002

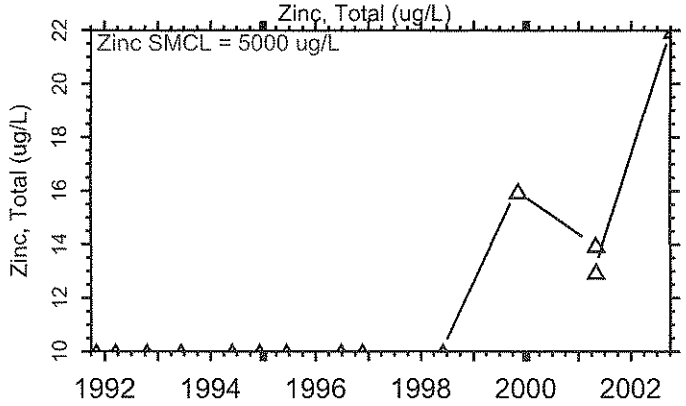

MT. VERNON WELLFIELD # 8 ID = 39KNO00190
Nickel, Total (ug/L)
Nickel MCL = 100 ug/L
Nickel, Total (ug/L)
20 25 30 35 40 45 50
1992 1994 1996 1998 2000 2002


MT. VERNON WELLFIELD # 8 ID = 39KNO00190
Selenium, Total (ug/L)
Selenium MCL = 50 ug/L
Selenium, Total (ug/L)
2.0 2.8 3.6
1992 1994 1996 1998 2000 2002

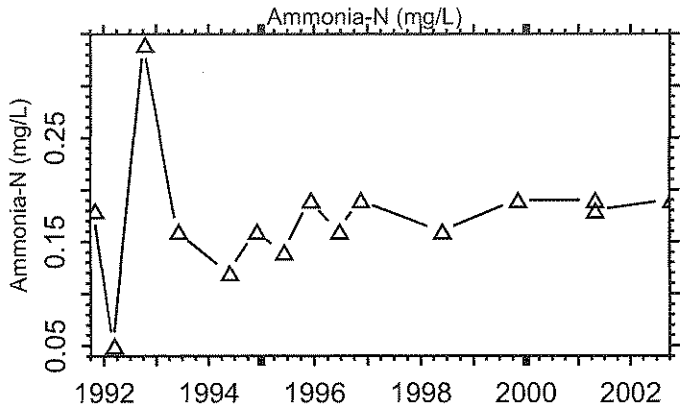
MT. VERNON WELLFIELD # 8 ID = 39KNO00190
Strontium, Total (ug/L)



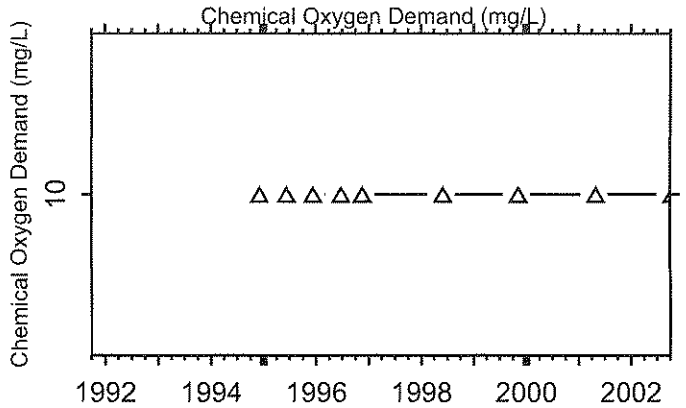
MT. VERNON WELLFIELD # 8 ID = 39KNO00190
Zinc, Total (ug/L)



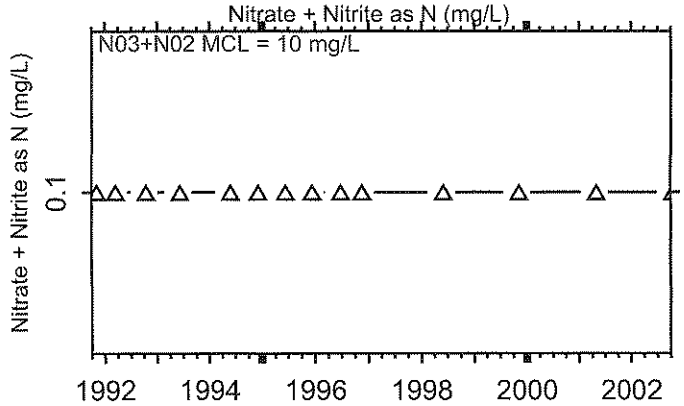
MT. VERNON WELLFIELD # 8 ID = 39KNO00190
Ammonia-N (mg/L)



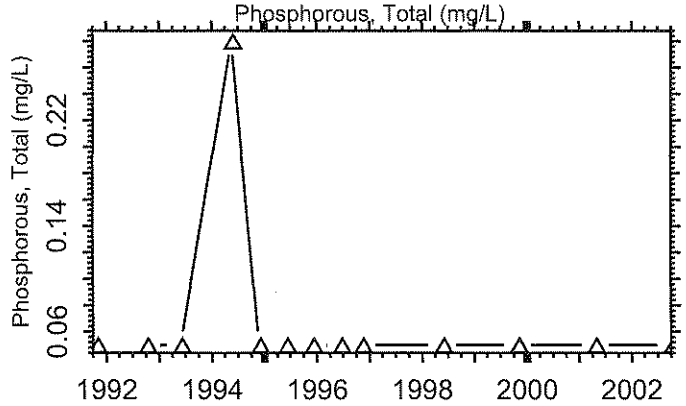
MT. VERNON WELLFIELD # 8 ID = 39KNO00190
Chemical Oxygen Demand (mg/L)



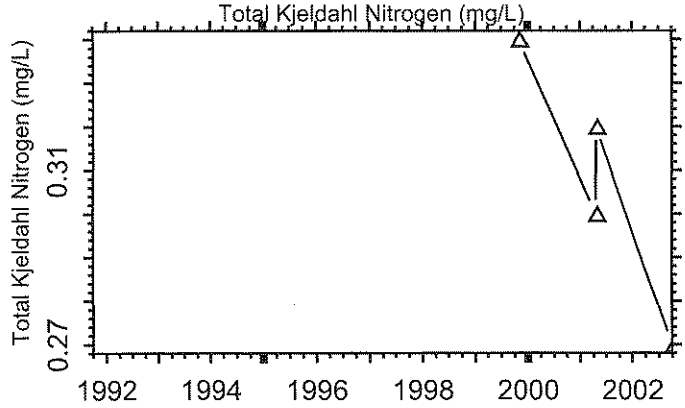
MT. VERNON WELLFIELD # 8 ID = 39KNO00190
Nitrate + Nitrite as N (mg/L)



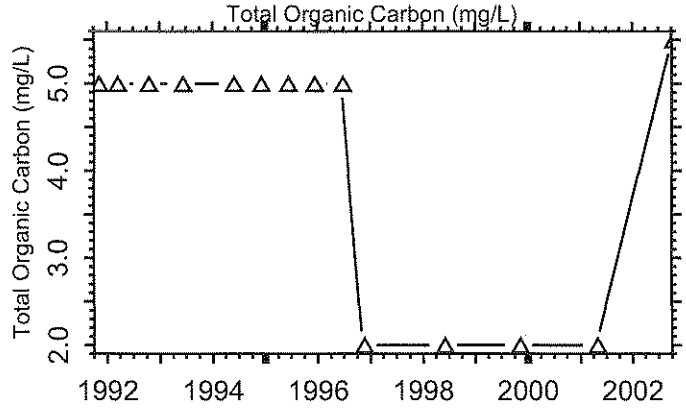
MT. VERNON WELLFIELD # 8 ID = 39KNO00190
Phosphorous, Total (mg/L)



MT. VERNON WELLFIELD # 8 ID = 39KNO00190
Total Kjeldahl Nitrogen (mg/L)



MT. VERNON WELLFIELD # 8 ID = 39KNO00190
Total Organic Carbon (mg/L)



Inorganic Ground Water Well Summary Report

Ambient Ground Water Quality Monitoring Program

Station Name: MT. VERNON WELLFIELD | Ambient Well ID: 39KNO00190 | Well Num: 8

Status: (AR) Active Rotational | OEPA District: CDO | County: Knox | PWS Type: Community

Lith. Open Section: USG (Sand/Gravel) | ODNR Well log #: | Aquifer Name: Kokosing Buried Valley

Sample Date Range: 10/24/1991 to 4/24/2007 | Depth (ft): 97.6 | Casing Length (ft): 97.6

Parameter	Units	Report. Limit	Statistics: Mean	Min	Max	Median	Std. Dev.	Latest Sample	Sample Counts: Total	ND	% ND	Analysis Group
Alkalinity	mg/L	5	265	219	296	271	23.7	219	16	0	0	UNPR
Aluminum	ug/L	200	ND	ND	ND	ND	n/a	ND	14	14	100	ICP
Arsenic	ug/L	2	8.9	6	18	8	3.2	6.3	18	0	0	AA
Barium	ug/L	15	185.4	168	205	185	10.9	193	18	0	0	ICP
Cadmium	ug/L	0.2	ND	ND	ND	ND	n/a	ND	18	18	100	AA
Calcium	mg/L	2	78.8	73	84	80	3.2	80	19	0	0	ICP
Carbon, TOC	mg/L	2	2.2	ND	5.5	ND	1.3	ND	19	18	94.7	NDI
Chloride	mg/L	5	10.2	ND	15.5	10	3	15.5	18	1	5.6	UNPR
Chromium	ug/L	30	ND	ND	ND	ND	n/a	ND	18	18	100	ICP
COD	mg/L	10	10	ND	10	ND	2.4	ND	18	17	94.4	NDI
COD	mg/L	10	10	ND	10	5	7.1	ND	2	1	50	NDI
Copper	ug/L	10	10.33	ND	13	ND	4.2	ND	18	16	88.9	ICP
Cyanide	ug/L	10	ND	ND	ND	ND	n/a	ND	9	9	100	NAOH
Flouride	mg/L	0.2	0.47	0.32	0.71	0.47	0.1	0.39	11	0	0	UNPR
Hardness	mg/L	10	310	293	325	313	11	315	12	0	0	ICP
Iron	ug/L	50	1596	1450	2260	1540	192.9	1540	19	0	0	ICP
Lead	ug/L	2	2.17	ND	5	ND	1.2	ND	18	16	88.9	AA
Magnesium	mg/L	1	27	24	30	27	1.2	28	19	0	0	ICP
Manganese	ug/L	10	106.2	94	117	106	5.7	106	19	0	0	ICP
Nickel	ug/L	40	40.56	ND	50	ND	11.8	ND	18	17	94.4	ICP
Nitrogen, Ammonia	mg/L	0.1	0.18	ND	0.34	0.18	0.1	0.154	19	1	5.3	NDI
Nitrogen, Kjeldahl	mg/L	0.2	0.26	ND	0.335	0.27	0.1	ND	7	1	14.3	NDI
Nitrogen, N03+N02	mg/L	0.1	ND	ND	ND	ND	n/a	ND	19	19	100	NDI
Nitrogen, N02	mg/L	0.1	ND	ND	ND	ND	n/a	ND	2	2	100	NDI
ORP	mV	n/a	-77	-87	-67	-77	14.1	-87	2	0	0	FLD
pH	S.U.	n/a	7.33	6.57	8.03	7.4	0.3	6.57	16	0	0	FLD
Phenols (mixture)	ug/L	10	ND	ND	ND	ND	n/a	ND	7	7	100	NDI
Phosphorus	mg/L	0.050	0.06	ND	0.28	ND	0.1	ND	18	17	94.4	NDI
Potassium	mg/L	2	1.95	ND	2.5	ND	1	ND	19	10	52.6	ICP
Selenium	ug/L	2	2.06	ND	3	ND	0.7	ND	18	17	94.4	AA
Sodium	mg/L	5	13.6	12	17	14	1.2	12	19	0	0	ICP
TDS	mg/L	10	369	338	459	364	27.8	370	20	0	0	UNPR
Solids, Total	mg/L	10	363	358	368	363	7.1	358	2	0	0	UNPR
Sp. Cond.	umhos/cm	n/a	482	295	662	450	111.7	662	16	0	0	FLD
Strontium	ug/L	300	2715	2390	3020	2680	171.5	2570	15	0	0	ICP
Sulfate	mg/L	50	39.4	34	48	39.8	3.7	38.5	19	0	0	UNPR
Temperature	deg. C	n/a	12.48	10	14.4	12.55	1.2	12.3	16	0	0	FLD
Zinc	ug/L	10	12.61	ND	30	ND	9.4	ND	18	12	66.7	ICP

Explanation:

Reporting Limit: The lowest currently reported concentration. ND: Stands for Non-detect. This denotes a result less than the reporting limit. n/a: not applicable

Mean: The mean is calculated after substitution of all NDs with the current reporting limit. For parameters with no detections, the mean shows 'ND'

Status:
(AR) Active Rotational wells are sampled every 18 months.
(AS) Active Standard and (AO) Active Organic wells are sampled every 6 months.
(SB) Standby wells are sampled when active wells are unavailable.
(IN) Inactive wells are no longer sampled.

Analysis Groups:
AA = Atomic Absorption
FLD = Field Data
ICP = Inductively Coupled Plasma
NDI = Nutrients, demand, and misc. inorganics
UNPR = unpreserved

OhioEPA Division of Environmental Services

Laboratory Organic Analysis Data Report

Sample	109082				
Date Received	11/13/2008 2:05 PM	**Matrix**	GW	**Collected by**	JAMES, CAL
	Begin	**End**		**Sample Type**	AMBIENT
Date Collected			11/13/2008 11:35 AM	**Station ID**	39KNO00190
Program	CDO-DDAGW			**Customer ID**	8
Client	GROUND_WATER			**External ID**	
OEPA Division	DDAGW				
Location	Mt. Vernon well 8				

EPA Method Parameter	Units	Cas Number	Result	RL	Analyzed	Qualifier
USEPA 524.2	**ug/L**					
Benzene		000071-43-2	<0.50	0.5	11/20/2008	
Bromobenzene		000108-86-1	<0.50	0.5	11/20/2008	
Bromochloromethane		000074-97-5	<0.50	0.5	11/20/2008	
Bromodichloromethane		000075-27-4	<0.50	0.5	11/20/2008	
Bromoform		000075-25-2	<0.50	0.5	11/20/2008	
Bromomethane		000074-83-9	<0.50	0.5	11/20/2008	
n-Butylbenzene		000104-51-8	<0.50	0.5	11/20/2008	
sec-Butylbenzene		000135-98-8	<0.50	0.5	11/20/2008	
tert-Butylbenzene		000098-06-6	<0.50	0.5	11/20/2008	
Carbon tetrachloride		000056-23-5	<0.50	0.5	11/20/2008	
Chlorobenzene		000108-90-7	<0.50	0.5	11/20/2008	
Chloroethane		000075-00-3	<0.50	0.5	11/20/2008	
Chloroform		000067-66-3	<0.50	0.5	11/20/2008	
Chloromethane		000074-87-3	<0.50	0.5	11/20/2008	
2-Chlorotoluene		000095-49-8	<0.50	0.5	11/20/2008	
4-Chlorotoluene		000106-43-4	<0.50	0.5	11/20/2008	
Dibromochloromethane		000124-48-1	<0.50	0.5	11/20/2008	
1,2-Dibromo-3-chloropropane		000096-12-8	<0.50	0.5	11/20/2008	
1,2-Dibromoethane		000106-93-4	<0.50	0.5	11/20/2008	
Dibromomethane		000074-95-3	<0.50	0.5	11/20/2008	
1,2-Dichlorobenzene		000095-50-1	<0.50	0.5	11/20/2008	
1,3-Dichlorobenzene		000541-73-1	<0.50	0.5	11/20/2008	
1,4-Dichlorobenzene		000106-46-7	<0.50	0.5	11/20/2008	
Dichlorodifluoromethane		000075-71-8	<0.50	0.5	11/20/2008	
1,1-Dichloroethane		000075-34-3	<0.50	0.5	11/20/2008	
1,2-Dichloroethane		000107-06-2	<0.50	0.5	11/20/2008	
1,1-Dichloroethene		000075-35-4	<0.50	0.5	11/20/2008	
cis-1,2-Dichloroethene		000156-59-2	<0.50	0.5	11/20/2008	
trans-1,2-Dichloroethene		000156-60-5	<0.50	0.5	11/20/2008	
1,2-Dichloropropane		000078-87-5	<0.50	0.5	11/20/2008	
1,3-Dichloropropane		000142-28-9	<0.50	0.5	11/20/2008	
2,2-Dichloropropane		000594-20-7	<0.50	0.5	11/20/2008	
1,1-Dichloropropene		000563-58-6	<0.50	0.5	11/20/2008	
cis-1,3-Dichloropropene		010061-01-5	<0.50	0.5	11/20/2008	
trans-1,3-Dichloropropene		010061-02-6	<0.50	0.5	11/20/2008	
Ethylbenzene		000100-41-4	<0.50	0.5	11/20/2008	
Hexachlorobutadiene		000087-68-3	<0.50	0.5	11/20/2008	
Isopropylbenzene		000098-82-8	<0.50	0.5	11/20/2008	
4-Isopropyltoluene		000099-87-6	<0.50	0.5	11/20/2008	UJ
Methylene chloride		000075-09-2	<0.50	0.5	11/20/2008	
Methyl-tert-butyl ether		001634-04-4	<0.50	0.5	11/20/2008	
Naphthalene		000091-20-3	<0.50	0.5	11/20/2008	
n-Propylbenzene		000103-65-1	<0.50	0.5	11/20/2008	
Styrene		000100-42-5	<0.50	0.5	11/20/2008	UJ
1,1,1,2-Tetrachloroethane		000630-20-6	<0.50	0.5	11/20/2008	
1,1,2,2-Tetrachloroethane		000079-34-5	<0.50	0.5	11/20/2008	
Tetrachloroethene		000127-18-4	<0.50	0.5	11/20/2008	
Toluene		000108-88-3	<0.50	0.5	11/20/2008	
1,2,3-Trichlorobenzene		000087-61-6	<0.50	0.5	11/20/2008	
1,2,4-Trichlorobenzene		000120-82-1	<0.50	0.5	11/20/2008	
1,1,1-Trichloroethane		000071-55-6	<0.50	0.5	11/20/2008	

OhioEPA Division of Environmental Services

Laboratory Organic Analysis Data Report

Sample	109082				
Date Received	11/13/2008 2:05 PM	**Matrix**	GW	**Collected by**	JAMES, CAL
	Begin	**End**		**Sample Type**	AMBIENT
Date Collected			11/13/2008 11:35 AM	**Station ID**	39KNO00190
Program	CDO-DDAGW			**Customer ID**	8
Client	GROUND_WATER			**External ID**	
OEPA Division	DDAGW				
Location	Mt. Vernon well 8				

EPA Method Parameter	Units	Cas Number	Result	RL	Analyzed	Qualifier
USEPA 524.2	**ug/L**					
1,1,2-Trichloroethane		000079-00-5	<0.50	0.5	11/20/2008	
Trichloroethene		000079-01-6	<0.50	0.5	11/20/2008	
Trichlorofluoromethane		000075-69-4	<0.50	0.5	11/20/2008	
1,2,3-Trichloropropane		000096-18-4	<0.50	0.5	11/20/2008	
1,2,4-Trimethylbenzene		000095-63-6	<0.50	0.5	11/20/2008	UJ
1,3,5-Trimethylbenzene		000108-67-8	<0.50	0.5	11/20/2008	UJ
Vinyl chloride		000075-01-4	<0.50	0.5	11/20/2008	
o-Xylene		000095-47-6	<0.50	0.5	11/20/2008	
Total m&p-xylenes		000108-38-3	<0.50	0.5	11/20/2008	
Trihalomethanes (THMs)		Unknown	<0.50	0.5	11/20/2008	

Field Comments

Lab Comments

QC / Sample Comments 524.2: 4-Isopropyltoluene, styrene, 1,2,4-trimethylbenzene, and 1,3,5-trimethylbenzene estimated due to poor QC recovery.

Approved By SROBERTS **On** 12/08/2008

Ambient Ground Water Monitoring Program

Organic Ground Water Quality Results

Organic Record Count = 59

Station Name: MT. VERNON WELLFIELD | Amb. Well ID: 39KNO00190 | Well Num: 8 | PWS Type: COMM

Status: (AR) Active Rotational | Dist: CDO | County: Knox | Personnel: Pittenger, Bob | ODNR #:

Parent Sample ID:7119-PAO | Trip ID: SPR-1994 | Sample Date/Time:05/17/1994 10:20 | Duplicate/QC code 0 / No

Depth (ft) 97.6 | Lith. Open Section: USG (Sand/Gravel) | Major Lith. UNC | Aquifer Name: Kokosing Buried Valley

Activity ID	Parameter	Result	UoM	RLimit	UoM	Lab Rmrk
7119-VOC	Cymene	Non-detect	ug/L	0.5	ug/L	
7119-VOC	Xylenes, m- & p- Mix	Non-detect	ug/L	0.5	ug/L	
7119-VOC	Carbon tetrachloride	Non-detect	ug/L	0.5	ug/L	
7119-VOC	Dichloroethane, 1,2-	Non-detect	ug/L	0.5	ug/L	
7119-VOC	Bromoform	Non-detect	ug/L	0.5	ug/L	
7119-VOC	Chlorodibromomethane	Non-detect	ug/L	0.5	ug/L	
7119-VOC	Chloroform	Non-detect	ug/L	0.5	ug/L	
7119-VOC	Toluene	Non-detect	ug/L	0.5	ug/L	
7119-VOC	Xylene, o-	Non-detect	ug/L	0.5	ug/L	
7119-VOC	Benzene	Non-detect	ug/L	0.5	ug/L	
7119-VOC	Chlorobenzene	Non-detect	ug/L	0.5	ug/L	
7119-VOC	Chloroethane	Non-detect	ug/L	0.5	ug/L	
7119-VOC	Ethyl benzene	Non-detect	ug/L	0.5	ug/L	
7119-VOC	Hexachlorobutadiene	Non-detect	ug/L	0.5	ug/L	
7119-VOC	Methyl bromide	Non-detect	ug/L	0.5	ug/L	
7119-VOC	Methyl chloride	Non-detect	ug/L	0.5	ug/L	
7119-VOC	Dichloromethane	Non-detect	ug/L	0.5	ug/L	
7119-VOC	Tetrachloroethylene	Non-detect	ug/L	0.5	ug/L	
7119-VOC	Trichlorofluoromethane	Non-detect	ug/L	0.5	ug/L	
7119-VOC	Dichloroethane, 1,1-	Non-detect	ug/L	0.5	ug/L	
7119-VOC	1,1-Dichloroethylene	Non-detect	ug/L	0.5	ug/L	
7119-VOC	Trichloroethane, 1,1,1-	Non-detect	ug/L	0.5	ug/L	
7119-VOC	Trichloroethane, 1,1,2-	Non-detect	ug/L	0.5	ug/L	
7119-VOC	Tetrachloroethane, 1,1,2,2-	Non-detect	ug/L	0.5	ug/L	
7119-VOC	1,2-Dichlorobenzene	Non-detect	ug/L	0.5	ug/L	
7119-VOC	Dichloropropane, 1,2-	Non-detect	ug/L	0.5	ug/L	
7119-VOC	Dichloroethene, trans-1,2-	Non-detect	ug/L	0.5	ug/L	
7119-VOC	1,2,4-Trichlorobenzene	Non-detect	ug/L	0.5	ug/L	
7119-VOC	1,3-Dichlorobenzene	Non-detect	ug/L	0.5	ug/L	
7119-VOC	1,4-Dichlorobenzene	Non-detect	ug/L	0.5	ug/L	
7119-VOC	Dichlorodifluoromethane	Non-detect	ug/L	0.5	ug/L	
7119-VOC	Naphthalene	Non-detect	ug/L	0.5	ug/L	
7119-VOC	Dichloropropene, 1,3 trans-	Non-detect	ug/L	0.5	ug/L	
7119-VOC	Dichloropropene, 1,3 cis-	Non-detect	ug/L	0.5	ug/L	
7119-VOC	1,2-Dibromo-3-chloropropane (DBCP)	Non-detect	ug/L	0.5	ug/L	
7119-VOC	Vinyl chloride	Non-detect	ug/L	0.5	ug/L	
7119-VOC	Trichloroethylene	Non-detect	ug/L	0.5	ug/L	
7119-VOC	Dichloroethylene, cis-1,2-	Non-detect	ug/L	0.5	ug/L	
7119-VOC	Styrene	Non-detect	ug/L	0.5	ug/L	
7119-VOC	Dichloropropene, 1,1-	Non-detect	ug/L	0.5	ug/L	

Ambient Ground Water Monitoring Program

Organic Record Count = 59

Organic Ground Water Quality Results

Station Name: MT. VERNON WELLFIELD | Amb. Well ID: 39KNO00190 | Well Num: 8 | PWS Type: COMM

Status: (AR) Active Rotational | Dist: CDO | County: Knox | Personnel: Pittenger, Bob | ODNR #:

Parent Sample ID:7119-PAO | Trip ID: SPR-1994 | Sample Date/Time:05/17/1994 10:20 | Duplicate/QC code 0 / No

Depth (ft) 97.6 | Lith. Open Section: USG (Sand/Gravel) | Major Lith. UNC | Aquifer Name: Kokosing Buried Valley

Activity ID	Parameter	Result	UoM	RLimit	UoM	Lab Rmrk
7119-VOC	Dichloropropane, 2,2-	Non-detect	ug/L	0.5	ug/L	
7119-VOC	Dichloropropane, 1,3-	Non-detect	ug/L	0.5	ug/L	
7119-VOC	Trimethylbenzene, 1,2,4-	Non-detect	ug/L	0.5	ug/L	
7119-VOC	Cumene	Non-detect	ug/L	0.5	ug/L	
7119-VOC	Propylbenzene, n-	Non-detect	ug/L	0.5	ug/L	
7119-VOC	Trimethylbenzene, 1,3,5-	Non-detect	ug/L	0.5	ug/L	
7119-VOC	Chlorotoluene, 2-	Non-detect	ug/L	0.5	ug/L	
7119-VOC	Chlorotoluene, 4-	Non-detect	ug/L	0.5	ug/L	
7119-VOC	Chlorobromomethane	Non-detect	ug/L	0.5	ug/L	
7119-VOC	Butyl benzene	Non-detect	ug/L	0.5	ug/L	
7119-VOC	Butylbenzene, sec-	Non-detect	ug/L	0.5	ug/L	
7119-VOC	Butylbenzene, tert-	Non-detect	ug/L	0.5	ug/L	
7119-VOC	Trichloropropane, 1,2,3-	Non-detect	ug/L	0.5	ug/L	
7119-VOC	Tetrachloroethane, 1,1,1,2-	Non-detect	ug/L	0.5	ug/L	
7119-VOC	Dibromomethane	Non-detect	ug/L	0.5	ug/L	
7119-VOC	Trichlorobenzene, 1,2,3-	Non-detect	ug/L	0.5	ug/L	
7119-VOC	Ethylene dibromide (EDB)	Non-detect	ug/L	0.5	ug/L	
7119-VOC	Monobromobenzene	Non-detect	ug/L	0.5	ug/L	
7119-VOC	Dichlorobromomethane	Non-detect	ug/L	0.5	ug/L	

End of sample **7119-PAO**

Ambient Ground Water Monitoring Program

Organic Record Count = 59

Organic Ground Water Quality Results

Station Name: MT. VERNON WELLFIELD | Amb. Well ID: 39KNO00190 | Well Num: 8 | PWS Type: COMM

Status: (AR) Active Rotational | Dist: CDO | County: Knox | Personnel: Crone-Brown, Pegg | ODNR #:

Parent Sample ID:7764-PAO | Trip ID: FALL-1994 | Sample Date/Time:11/22/1994 10:00 | Duplicate/QC code 0 / No

Depth (ft) 97.6 | Lith. Open Section: USG (Sand/Gravel) | Major Lith. UNC | Aquifer Name: Kokosing Buried Valley

Activity ID	Parameter	Result	UoM	RLimit	UoM	Lab Rmrk
7764-VOC	Chlorodibromomethane	Non-detect	ug/L	0.5	ug/L	
7764-VOC	Chloroform	Non-detect	ug/L	0.5	ug/L	
7764-VOC	Toluene	Non-detect	ug/L	0.5	ug/L	
7764-VOC	Xylene, o-	Non-detect	ug/L	0.5	ug/L	
7764-VOC	Benzene	Non-detect	ug/L	0.5	ug/L	
7764-VOC	Chlorobenzene	Non-detect	ug/L	0.5	ug/L	
7764-VOC	Chloroethane	Non-detect	ug/L	0.5	ug/L	
7764-VOC	Ethyl benzene	Non-detect	ug/L	0.5	ug/L	
7764-VOC	Hexachlorobutadiene	Non-detect	ug/L	0.5	ug/L	
7764-VOC	Methyl bromide	Non-detect	ug/L	0.5	ug/L	
7764-VOC	Methyl chloride	Non-detect	ug/L	0.5	ug/L	
7764-VOC	Dichloromethane	Non-detect	ug/L	0.5	ug/L	
7764-VOC	Tetrachloroethylene	Non-detect	ug/L	0.5	ug/L	
7764-VOC	Trichlorofluoromethane	Non-detect	ug/L	0.5	ug/L	
7764-VOC	Dichloroethane, 1,1-	Non-detect	ug/L	0.5	ug/L	
7764-VOC	1,1-Dichloroethylene	Non-detect	ug/L	0.5	ug/L	
7764-VOC	Trichloroethane, 1,1,1-	Non-detect	ug/L	0.5	ug/L	
7764-VOC	Trichloroethane, 1,1,2-	Non-detect	ug/L	0.5	ug/L	
7764-VOC	Tetrachloroethane, 1,1,2,2-	Non-detect	ug/L	0.5	ug/L	
7764-VOC	1,2-Dichlorobenzene	Non-detect	ug/L	0.5	ug/L	
7764-VOC	Dichloropropane, 1,2-	Non-detect	ug/L	0.5	ug/L	
7764-VOC	Dichloroethene, trans-1,2-	Non-detect	ug/L	0.5	ug/L	
7764-VOC	1,2,4-Trichlorobenzene	Non-detect	ug/L	0.5	ug/L	
7764-VOC	1,3-Dichlorobenzene	Non-detect	ug/L	0.5	ug/L	
7764-VOC	1,4-Dichlorobenzene	Non-detect	ug/L	0.5	ug/L	
7764-VOC	Dichlorodifluoromethane	Non-detect	ug/L	0.5	ug/L	
7764-VOC	Naphthalene	Non-detect	ug/L	0.5	ug/L	
7764-VOC	Dichloropropene, 1,3 trans-	Non-detect	ug/L	0.5	ug/L	
7764-VOC	Dichloropropene, 1,3 cis-	Non-detect	ug/L	0.5	ug/L	
7764-VOC	1,2-Dibromo-3-chloropropane (DBCP)	Non-detect	ug/L	0.5	ug/L	
7764-VOC	Vinyl chloride	Non-detect	ug/L	0.5	ug/L	
7764-VOC	Trichloroethylene	Non-detect	ug/L	0.5	ug/L	
7764-VOC	Dichloroethylene, cis-1,2-	Non-detect	ug/L	0.5	ug/L	
7764-VOC	Styrene	Non-detect	ug/L	0.5	ug/L	
7764-VOC	Dichloropropene, 1,1-	Non-detect	ug/L	0.5	ug/L	
7764-VOC	Dichloropropane, 2,2-	Non-detect	ug/L	0.5	ug/L	
7764-VOC	Dichloropropane, 1,3-	Non-detect	ug/L	0.5	ug/L	
7764-VOC	Trimethylbenzene, 1,2,4-	Non-detect	ug/L	0.5	ug/L	
7764-VOC	Cumene	Non-detect	ug/L	0.5	ug/L	
7764-VOC	Propylbenzene, n-	Non-detect	ug/L	0.5	ug/L	

Ambient Ground Water Monitoring Program

Organic Record Count = 59

Organic Ground Water Quality Results

Station Name: MT. VERNON WELLFIELD | Amb. Well ID: 39KNO00190 | Well Num: 8 | PWS Type: COMM

Status: (AR) Active Rotational | Dist: CDO | County: Knox | Personnel: Crone-Brown, Pegg ODNR #:

Parent Sample ID:7764-PAO | Trip ID: FALL-1994 | Sample Date/Time:11/22/1994 10:00 | Duplicate/QC code 0 / No

Depth (ft) 97.6 | Lith. Open Section: USG (Sand/Gravel) | Major Lith. UNC | Aquifer Name: Kokosing Buried Valley

Activity ID	Parameter	Result	UoM	RLimit	UoM	Lab Rmrk
7764-VOC	Trimethylbenzene, 1,3,5-	Non-detect	ug/L	0.5	ug/L	
7764-VOC	Chlorotoluene, 2-	Non-detect	ug/L	0.5	ug/L	
7764-VOC	Chlorotoluene, 4-	Non-detect	ug/L	0.5	ug/L	
7764-VOC	Chlorobromomethane	Non-detect	ug/L	0.5	ug/L	
7764-VOC	Butyl benzene	Non-detect	ug/L	0.5	ug/L	
7764-VOC	Butylbenzene, sec-	Non-detect	ug/L	0.5	ug/L	
7764-VOC	Butylbenzene, tert-	Non-detect	ug/L	0.5	ug/L	
7764-VOC	Trichloropropane, 1,2,3-	Non-detect	ug/L	0.5	ug/L	
7764-VOC	Tetrachloroethane, 1,1,1,2-	Non-detect	ug/L	0.5	ug/L	
7764-VOC	Dibromomethane	Non-detect	ug/L	0.5	ug/L	
7764-VOC	Trichlorobenzene, 1,2,3-	Non-detect	ug/L	0.5	ug/L	
7764-VOC	Ethylene dibromide (EDB)	Non-detect	ug/L	0.5	ug/L	
7764-VOC	Monobromobenzene	Non-detect	ug/L	0.5	ug/L	
7764-VOC	Xylenes, m- & p- Mix	Non-detect	ug/L	0.5	ug/L	
7764-VOC	Cymene	Non-detect	ug/L	0.5	ug/L	
7764-VOC	Dichlorobromomethane	Non-detect	ug/L	0.5	ug/L	
7764-VOC	Carbon tetrachloride	Non-detect	ug/L	0.5	ug/L	
7764-VOC	Dichloroethane, 1,2-	Non-detect	ug/L	0.5	ug/L	
7764-VOC	Bromoform	Non-detect	ug/L	0.5	ug/L	

End of sample **7764-PAO**

Ambient Ground Water Monitoring Program

Organic Record Count = 6

Organic Ground Water Quality Results

Station Name: MT. VERNON WELLFIELD | Amb. Well ID: 39KNO00190 | Well Num: 8 | PWS Type: COMM

Status: (AR) Active Rotational | Dist: CDO | County: Knox | Personnel: Bondoc, Mike | ODNR #:

Parent Sample ID:9227-PAO | Trip ID: SPR-1996 | Sample Date/Time:06/12/1996 09:40 | Duplicate/QC code 0 / No

Depth (ft) 97.6 | Lith. Open Section: USG (Sand/Gravel) | Major Lith. UNC | Aquifer Name: Kokosing Buried Valley

Activity ID	Parameter	Result	UoM	RLimit	UoM	Lab Rmrk
9227-PEST	Alachlor	Non-detect	ug/L	0.5	ug/L	
9227-PEST	Atrazine	Non-detect	ug/L	0.5	ug/L	
9227-PEST	Simazine	Non-detect	ug/L	0.5	ug/L	
9227-PEST	Metolachlor	Non-detect	ug/L	0.5	ug/L	
9227-PEST	Metribuzin	Non-detect	ug/L	0.5	ug/L	
9227-PEST	Cyanazine	Non-detect	ug/L	0.5	ug/L	

End of sample **9227-PAO**

Organic Record Count = 124

Station Name: MT. VERNON WELLFIELD | Amb. Well ID: 39KNO00190 | Well Num: 8 | PWS Type: COMM
Status: (AR) Active Rotational | Dist: CDO | County: Knox | Personnel: Crone-Brown, Pegg | ODNR #:
Parent Sample ID:11226-PAO | Trip ID: SPR-1998 | Sample Date/Time:05/20/1998 11:20 | Duplicate/QC code 0 / Yes
Depth (ft) 97.6 | Lith. Open Section: USG (Sand/Gravel) | Major Lith. UNC | Aquifer Name: Kokosing Buried Valley

Activity ID	Parameter	Result	UoM	RLimit	UoM	Lab Rmrk
11226-BNA	Dinitro-o-cresol	Non-detect	ug/L	0.5	ug/L	
11226-BNA	Hexachlorobutadiene	Non-detect	ug/L	0.5	ug/L	
11226-BNA	Acenaphthene	Non-detect	ug/L	0.5	ug/L	
11226-BNA	Anthracene	Non-detect	ug/L	0.5	ug/L	
11226-BNA	Benzo[b]fluoranthene	Non-detect	ug/L	0.5	ug/L	
11226-BNA	Benzo[k]fluoranthene	Non-detect	ug/L	0.5	ug/L	
11226-BNA	bis(2-chloroethyl) ether	Non-detect	ug/L	0.5	ug/L	
11226-BNA	bis(2-chloroethoxy) methane	Non-detect	ug/L	0.5	ug/L	
11226-BNA	Bis(2-Chloroisopropyl) ether	Non-detect	ug/L	0.5	ug/L	
11226-BNA	Butyl benzyl phthalate	Non-detect	ug/L	0.5	ug/L	
11226-BNA	Chrysenes C1-C4	Non-detect	ug/L	0.5	ug/L	
11226-BNA	Benzo[a]pyrene	Non-detect	ug/L	0.5	ug/L	
11226-BNA	Diethyl phthalate	Non-detect	ug/L	0.5	ug/L	
11226-BNA	Dimethyl phthalate	Non-detect	ug/L	0.5	ug/L	
11226-BNA	Fluoranthenes, C1-C4	Non-detect	ug/L	0.5	ug/L	
11226-BNA	Fluorenes, C1-C3	Non-detect	ug/L	0.5	ug/L	
11226-BNA	Hexachlorocyclopentadiene	Non-detect	ug/L	0.5	ug/L	
11226-BNA	Hexachloroethane	Non-detect	ug/L	0.5	ug/L	
11226-BNA	Indeno[1,2,3-cd]pyrene	Non-detect	ug/L	0.5	ug/L	
11226-BNA	Isophorone	Non-detect	ug/L	0.5	ug/L	
11226-BNA	n-Nitrosodipropylamine	Non-detect	ug/L	0.5	ug/L	
11226-BNA	n-Nitrosodiphenylamine	Non-detect	ug/L	0.5	ug/L	
11226-BNA	nitro-Benzene	Non-detect	ug/L	0.5	ug/L	
11226-BNA	4-Chloro-3-methylphenol	Non-detect	ug/L	0.5	ug/L	
11226-BNA	Phenanthrenes, C1-C4	Non-detect	ug/L	0.5	ug/L	
11226-BNA	Pyrene	Non-detect	ug/L	0.5	ug/L	
11226-BNA	Benzo[g,h,i]perylene	Non-detect	ug/L	0.5	ug/L	
11226-BNA	Benzo[a]anthracene	Non-detect	ug/L	0.5	ug/L	
11226-BNA	1,2-Dichlorobenzene	Non-detect	ug/L	0.5	ug/L	
11226-BNA	1,2,4-Trichlorobenzene	Non-detect	ug/L	0.5	ug/L	
11226-BNA	Dibenzo[a,h]anthracene	Non-detect	ug/L	0.5	ug/L	
11226-BNA	1,3-Dichlorobenzene	Non-detect	ug/L	0.5	ug/L	
11226-BNA	1,4-Dichlorobenzene	Non-detect	ug/L	0.5	ug/L	
11226-BNA	Chloronaphthalene-2	Non-detect	ug/L	0.5	ug/L	
11226-BNA	Chlorophenol-2	Non-detect	ug/L	0.5	ug/L	
11226-BNA	Nitrophenol, 2-	Non-detect	ug/L	0.5	ug/L	
11226-BNA	bis(n-octyl) Phthalate	Non-detect	ug/L	0.5	ug/L	
11226-BNA	2,4-Dichlorophenol	Non-detect	ug/L	0.5	ug/L	
11226-BNA	2,4-Dimethylphenol	Non-detect	ug/L	0.5	ug/L	
11226-BNA	2,4-Dinitrotoluene	Non-detect	ug/L	0.5	ug/L	

Ambient Ground Water Monitoring Program

Organic Record Count = 124

Organic Ground Water Quality Results

Station Name: MT. VERNON WELLFIELD | Amb. Well ID: 39KNO00190 | Well Num: 8 | PWS Type: COMM

Status: (AR) Active Rotational | Dist: CDO | County: Knox | Personnel: Crone-Brown, Pegg | ODNR #:

Parent Sample ID:11226-PAO | Trip ID: SPR-1998 | Sample Date/Time:05/20/1998 11:20 | Duplicate/QC code 0 / Yes

Depth (ft) 97.6 | Lith. Open Section: USG (Sand/Gravel) | Major Lith. UNC | Aquifer Name: Kokosing Buried Valley

Activity ID	Parameter	Result	UoM	RLimit	UoM	Lab Rmrk
11226-BNA	Dinitrophenol, 2,4-	Non-detect	ug/L	0.5	ug/L	
11226-BNA	2,4,6-Trichlorophenol (TCPh)	Non-detect	ug/L	0.5	ug/L	
11226-BNA	2,6-Dinitrotoluene	Non-detect	ug/L	0.5	ug/L	
11226-BNA	Bromophenyl-4 phenyl ether	Non-detect	ug/L	0.5	ug/L	
11226-BNA	Chlorophenyl-4 phenyl ether	Non-detect	ug/L	0.5	ug/L	
11226-BNA	Nitrophenol, 4-	Non-detect	ug/L	0.5	ug/L	
11226-BNA	Phenol	Non-detect	ug/L	0.5	ug/L	
11226-BNA	Naphthalene	Non-detect	ug/L	0.5	ug/L	
11226-BNA	Pentachlorophenol (PCP)	Non-detect	ug/L	0.5	ug/L	
11226-BNA	bis(2-ethylhexyl) phthalate (DEHP)	Non-detect	ug/L	0.5	ug/L	
11226-BNA	Dibutyl phthalate	Non-detect	ug/L	0.5	ug/L	
11226-BNA	Hexachlorobenzene	Non-detect	ug/L	0.5	ug/L	
11226-BNA	Acenaphthylene	Non-detect	ug/L	0.5	ug/L	
11226-PEST	Alachlor	Non-detect	ug/L	0.5	ug/L	
11226-PEST	Atrazine	Non-detect	ug/L	0.5	ug/L	
11226-PEST	Cyanazine	Non-detect	ug/L	0.5	ug/L	
11226-PEST	Metolachlor	Non-detect	ug/L	0.5	ug/L	
11226-PEST	Metribuzin	Non-detect	ug/L	0.5	ug/L	
11226-PEST	Propachlor	Non-detect	ug/L	0.5	ug/L	
11226-PEST	Benzo[a]pyrene	Non-detect	ug/L	0.5	ug/L	
11226-PEST	bis(2-ethylhexyl) adipate	Non-detect	ug/L	0.5	ug/L	
11226-PEST	bis(2-ethylhexyl) phthalate (DEHP)	Non-detect	ug/L	0.5	ug/L	
11226-PEST	Butachlor	Non-detect	ug/L	0.5	ug/L	
11226-PEST	Pentachlorophenol (PCP)	Non-detect	ug/L	0.5	ug/L	
11226-PEST	Simazine	Non-detect	ug/L	0.5	ug/L	
11226-VOC	Cymene	Non-detect	ug/L	0.5	ug/L	
11226-VOC	Dichlorobromomethane	Non-detect	ug/L	0.5	ug/L	
11226-VOC	Carbon tetrachloride	Non-detect	ug/L	0.5	ug/L	
11226-VOC	Dichloroethane, 1,2-	Non-detect	ug/L	0.5	ug/L	
11226-VOC	Bromoform	Non-detect	ug/L	0.5	ug/L	
11226-VOC	Chlorodibromomethane	Non-detect	ug/L	0.5	ug/L	
11226-VOC	Chloroform	Non-detect	ug/L	0.5	ug/L	
11226-VOC	Toluene	Non-detect	ug/L	0.5	ug/L	
11226-VOC	Xylene, o-	Non-detect	ug/L	0.5	ug/L	
11226-VOC	Benzene	Non-detect	ug/L	0.5	ug/L	
11226-VOC	Chlorobenzene	Non-detect	ug/L	0.5	ug/L	
11226-VOC	Chloroethane	Non-detect	ug/L	0.5	ug/L	
11226-VOC	Ethyl benzene	Non-detect	ug/L	0.5	ug/L	
11226-VOC	Hexachlorobutadiene	Non-detect	ug/L	0.5	ug/L	
11226-VOC	Methyl bromide	Non-detect	ug/L	0.5	ug/L	

Ambient Ground Water Monitoring Program

Organic Record Count = 124

Organic Ground Water Quality Results

Station Name: MT. VERNON WELLFIELD | Amb. Well ID: 39KNO00190 | Well Num: 8 | PWS Type: COMM

Status: (AR) Active Rotational | Dist: CDO | County: Knox | Personnel: Crone-Brown, Pegg | ODNR #:

Parent Sample ID:11226-PAO | Trip ID: SPR-1998 | Sample Date/Time:05/20/1998 11:20 | Duplicate/QC code 0 / Yes

Depth (ft) 97.6 | Lith. Open Section: USG (Sand/Gravel) | Major Lith: UNC | Aquifer Name: Kokosing Buried Valley

Activity ID	Parameter	Result	UoM	RLimit	UoM	Lab Rmrk
11226-VOC	Methyl chloride	Non-detect	ug/L	0.5	ug/L	
11226-VOC	Dichloromethane	Non-detect	ug/L	0.5	ug/L	
11226-VOC	Tetrachloroethylene	Non-detect	ug/L	0.5	ug/L	
11226-VOC	Trichlorofluoromethane	Non-detect	ug/L	0.5	ug/L	
11226-VOC	Dichloroethane, 1,1-	Non-detect	ug/L	0.5	ug/L	
11226-VOC	1,1-Dichloroethylene	Non-detect	ug/L	0.5	ug/L	
11226-VOC	Trichloroethane, 1,1,1-	Non-detect	ug/L	0.5	ug/L	
11226-VOC	Trichloroethane, 1,1,2-	Non-detect	ug/L	0.5	ug/L	
11226-VOC	Tetrachloroethane, 1,1,2,2-	Non-detect	ug/L	0.5	ug/L	
11226-VOC	1,2-Dichlorobenzene	Non-detect	ug/L	0.5	ug/L	
11226-VOC	Dichloropropane, 1,2-	Non-detect	ug/L	0.5	ug/L	
11226-VOC	Dichloroethene, trans-1,2-	Non-detect	ug/L	0.5	ug/L	
11226-VOC	1,2,4-Trichlorobenzene	Non-detect	ug/L	0.5	ug/L	
11226-VOC	1,3-Dichlorobenzene	Non-detect	ug/L	0.5	ug/L	
11226-VOC	1,4-Dichlorobenzene	Non-detect	ug/L	0.5	ug/L	
11226-VOC	Dichlorodifluoromethane	Non-detect	ug/L	0.5	ug/L	
11226-VOC	Naphthalene	Non-detect	ug/L	0.5	ug/L	
11226-VOC	Dichloropropene, 1,3 trans-	Non-detect	ug/L	0.5	ug/L	
11226-VOC	Dichloropropene, 1,3 cis-	Non-detect	ug/L	0.5	ug/L	
11226-VOC	1,2-Dibromo-3-chloropropane (DBCP)	Non-detect	ug/L	0.5	ug/L	
11226-VOC	Vinyl chloride	Non-detect	ug/L	0.5	ug/L	
11226-VOC	Trichloroethylene	Non-detect	ug/L	0.5	ug/L	
11226-VOC	Dichloroethylene, cis-1,2-	Non-detect	ug/L	0.5	ug/L	
11226-VOC	Styrene	Non-detect	ug/L	0.5	ug/L	
11226-VOC	Dichloropropene, 1,1-	Non-detect	ug/L	0.5	ug/L	
11226-VOC	Dichloropropane, 2,2-	Non-detect	ug/L	0.5	ug/L	
11226-VOC	Dichloropropane, 1,3-	Non-detect	ug/L	0.5	ug/L	
11226-VOC	Trimethylbenzene, 1,2,4-	Non-detect	ug/L	0.5	ug/L	
11226-VOC	Cumene	Non-detect	ug/L	0.5	ug/L	
11226-VOC	Propylbenzene, n-	Non-detect	ug/L	0.5	ug/L	
11226-VOC	Trimethylbenzene, 1,3,5-	Non-detect	ug/L	0.5	ug/L	
11226-VOC	Chlorotoluene, 2-	Non-detect	ug/L	0.5	ug/L	
11226-VOC	Chlorotoluene, 4-	Non-detect	ug/L	0.5	ug/L	
11226-VOC	Chlorobromomethane	Non-detect	ug/L	0.5	ug/L	
11226-VOC	Butyl benzene	Non-detect	ug/L	0.5	ug/L	
11226-VOC	Butylbenzene, sec-	Non-detect	ug/L	0.5	ug/L	
11226-VOC	Butylbenzene, tert-	Non-detect	ug/L	0.5	ug/L	
11226-VOC	Trichloropropane, 1,2,3-	Non-detect	ug/L	0.5	ug/L	
11226-VOC	Tetrachloroethane, 1,1,1,2-	Non-detect	ug/L	0.5	ug/L	
11226-VOC	Dibromomethane	Non-detect	ug/L	0.5	ug/L	

Station Name: MT. VERNON WELLFIELD | Amb. Well ID: 39KNO00190 | Well Num: 8 | PWS Type: COMM
Status: (AR) Active Rotational | Dist: CDO | County: Knox | Personnel: Crone-Brown, Pegg | ODNR #:
Parent Sample ID:11226-PAO | Trip ID: SPR-1998 | Sample Date/Time:05/20/1998 11:20 | Duplicate/QC code 0 / Yes
Depth (ft) 97.6 | Lith. Open Section: USG (Sand/Gravel) | Major Lith: UNC | Aquifer Name: Kokosing Buried Valley

Activity ID	Parameter	Result	UoM	RLimit	UoM	Lab Rmrk
11226-VOC	Trichlorobenzene, 1,2,3-	Non-detect	ug/L	0.5	ug/L	
11226-VOC	Ethylene dibromide (EDB)	Non-detect	ug/L	0.5	ug/L	
11226-VOC	Monobromobenzene	Non-detect	ug/L	0.5	ug/L	
11226-VOC	Xylenes, m- & p- Mix	Non-detect	ug/L	0.5	ug/L	

End of sample **11226-PAO**

Ambient Ground Water Monitoring Program

Organic Record Count = 124

Organic Ground Water Quality Results

Station Name: MT. VERNON WELLFIELD | Amb. Well ID: 39KNO00190 | Well Num: 8 | PWS Type: COMM

Status: (AR) Active Rotational | Dist: CDO | County: Knox | Personnel: Crone-Brown, Pegg | ODNR #:

Parent Sample ID:11227-PAO | Trip ID: SPR-1998 | Sample Date/Time:05/20/1998 11:15 | Duplicate/QC code 0 / No

Depth (ft) 97.6 | Lith. Open Section: USG (Sand/Gravel) | Major Lith. UNC | Aquifer Name: Kokosing Buried Valley

Activity ID	Parameter	Result	UoM	RLimit	UoM	Lab Rmrk
11227-BNA	Acenaphthylene	Non-detect	ug/L	0.5	ug/L	
11227-BNA	Dinitro-o-cresol	Non-detect	ug/L	0.5	ug/L	
11227-BNA	Anthracene	Non-detect	ug/L	0.5	ug/L	
11227-BNA	Benzo[b]fluoranthene	Non-detect	ug/L	0.5	ug/L	
11227-BNA	Benzo[k]fluoranthene	Non-detect	ug/L	0.5	ug/L	
11227-BNA	bis(2-chloroethyl) ether	Non-detect	ug/L	0.5	ug/L	
11227-BNA	bis(2-chloroethoxy) methane	Non-detect	ug/L	0.5	ug/L	
11227-BNA	Bis(2-Chloroisopropyl) ether	Non-detect	ug/L	0.5	ug/L	
11227-BNA	Butyl benzyl phthalate	Non-detect	ug/L	0.5	ug/L	
11227-BNA	Chrysenes C1-C4	Non-detect	ug/L	0.5	ug/L	
11227-BNA	Benzo[a]pyrene	Non-detect	ug/L	0.5	ug/L	
11227-BNA	Diethyl phthalate	Non-detect	ug/L	0.5	ug/L	
11227-BNA	Dimethyl phthalate	Non-detect	ug/L	0.5	ug/L	
11227-BNA	Fluoranthenes, C1-C4	Non-detect	ug/L	0.5	ug/L	
11227-BNA	Fluorenes, C1-C3	Non-detect	ug/L	0.5	ug/L	
11227-BNA	Hexachlorocyclopentadiene	Non-detect	ug/L	0.5	ug/L	
11227-BNA	Hexachloroethane	Non-detect	ug/L	0.5	ug/L	
11227-BNA	Indeno[1,2,3-cd]pyrene	Non-detect	ug/L	0.5	ug/L	
11227-BNA	Isophorone	Non-detect	ug/L	0.5	ug/L	
11227-BNA	n-Nitrosodipropylamine	Non-detect	ug/L	0.5	ug/L	
11227-BNA	n-Nitrosodiphenylamine	Non-detect	ug/L	0.5	ug/L	
11227-BNA	nitro-Benzene	Non-detect	ug/L	0.5	ug/L	
11227-BNA	4-Chloro-3-methylphenol	Non-detect	ug/L	0.5	ug/L	
11227-BNA	Phenanthrenes, C1-C4	Non-detect	ug/L	0.5	ug/L	
11227-BNA	Pyrene	Non-detect	ug/L	0.5	ug/L	
11227-BNA	Benzo[g,h,i]perylene	Non-detect	ug/L	0.5	ug/L	
11227-BNA	Benzo[a]anthracene	Non-detect	ug/L	0.5	ug/L	
11227-BNA	1,2-Dichlorobenzene	Non-detect	ug/L	0.5	ug/L	
11227-BNA	1,2,4-Trichlorobenzene	Non-detect	ug/L	0.5	ug/L	
11227-BNA	Dibenzo[a,h]anthracene	Non-detect	ug/L	0.5	ug/L	
11227-BNA	1,3-Dichlorobenzene	Non-detect	ug/L	0.5	ug/L	
11227-BNA	1,4-Dichlorobenzene	Non-detect	ug/L	0.5	ug/L	
11227-BNA	Chloronaphthalene-2	Non-detect	ug/L	0.5	ug/L	
11227-BNA	Chlorophenol-2	Non-detect	ug/L	0.5	ug/L	
11227-BNA	Nitrophenol, 2-	Non-detect	ug/L	0.5	ug/L	
11227-BNA	bis(n-octyl) Phthalate	Non-detect	ug/L	0.5	ug/L	
11227-BNA	2,4-Dichlorophenol	Non-detect	ug/L	0.5	ug/L	
11227-BNA	2,4-Dimethylphenol	Non-detect	ug/L	0.5	ug/L	
11227-BNA	2,4-Dinitrotoluene	Non-detect	ug/L	0.5	ug/L	
11227-BNA	Dinitrophenol, 2,4-	Non-detect	ug/L	0.5	ug/L	

Ambient Ground Water Monitoring Program

Organic Record Count = 124

Organic Ground Water Quality Results

Station Name: MT. VERNON WELLFIELD | Amb. Well ID: 39KNO00190 | Well Num: 8 | PWS Type: COMM

Status: (AR) Active Rotational | Dist: CDO | County: Knox | Personnel: Crone-Brown, Pegg | ODNR #:

Parent Sample ID:11227-PAO | Trip ID: SPR-1998 | Sample Date/Time:05/20/1998 11:15 | Duplicate/QC code 0 / No

Depth (ft) 97.6 | Lith. Open Section: USG (Sand/Gravel) | Major Lith. UNC | Aquifer Name: Kokosing Buried Valley

Activity ID	Parameter	Result	UoM	RLimit	UoM	Lab Rmrk
11227-BNA	2,4,6-Trichlorophenol (TCPh)	Non-detect	ug/L	0.5	ug/L	
11227-BNA	2,6-Dinitrotoluene	Non-detect	ug/L	0.5	ug/L	
11227-BNA	Bromophenyl-4 phenyl ether	Non-detect	ug/L	0.5	ug/L	
11227-BNA	Chlorophenyl-4 phenyl ether	Non-detect	ug/L	0.5	ug/L	
11227-BNA	Nitrophenol, 4-	Non-detect	ug/L	0.5	ug/L	
11227-BNA	Phenol	Non-detect	ug/L	0.5	ug/L	
11227-BNA	Naphthalene	Non-detect	ug/L	0.5	ug/L	
11227-BNA	Pentachlorophenol (PCP)	Non-detect	ug/L	0.5	ug/L	
11227-BNA	bis(2-ethylhexyl) phthalate (DEHP)	Non-detect	ug/L	0.5	ug/L	
11227-BNA	Dibutyl phthalate	Non-detect	ug/L	0.5	ug/L	
11227-BNA	Hexachlorobenzene	Non-detect	ug/L	0.5	ug/L	
11227-BNA	Hexachlorobutadiene	Non-detect	ug/L	0.5	ug/L	
11227-BNA	Acenaphthene	Non-detect	ug/L	0.5	ug/L	
11227-PEST	Metolachlor	Non-detect	ug/L	0.5	ug/L	
11227-PEST	Metribuzin	Non-detect	ug/L	0.5	ug/L	
11227-PEST	Simazine	Non-detect	ug/L	0.5	ug/L	
11227-PEST	Benzo[a]pyrene	Non-detect	ug/L	0.5	ug/L	
11227-PEST	bis(2-ethylhexyl) adipate	Non-detect	ug/L	0.5	ug/L	
11227-PEST	bis(2-ethylhexyl) phthalate (DEHP)	Non-detect	ug/L	0.5	ug/L	
11227-PEST	Butachlor	Non-detect	ug/L	0.5	ug/L	
11227-PEST	Pentachlorophenol (PCP)	Non-detect	ug/L	0.5	ug/L	
11227-PEST	Propachlor	Non-detect	ug/L	0.5	ug/L	
11227-PEST	Alachlor	Non-detect	ug/L	0.5	ug/L	
11227-PEST	Atrazine	Non-detect	ug/L	0.5	ug/L	
11227-PEST	Cyanazine	Non-detect	ug/L	0.5	ug/L	
11227-VOC	Cymene	Non-detect	ug/L	0.5	ug/L	
11227-VOC	Dichlorobromomethane	Non-detect	ug/L	0.5	ug/L	
11227-VOC	Carbon tetrachloride	Non-detect	ug/L	0.5	ug/L	
11227-VOC	Dichloroethane, 1,2-	Non-detect	ug/L	0.5	ug/L	
11227-VOC	Bromoform	Non-detect	ug/L	0.5	ug/L	
11227-VOC	Chlorodibromomethane	Non-detect	ug/L	0.5	ug/L	
11227-VOC	Chloroform	Non-detect	ug/L	0.5	ug/L	
11227-VOC	Toluene	Non-detect	ug/L	0.5	ug/L	
11227-VOC	Xylene, o-	Non-detect	ug/L	0.5	ug/L	
11227-VOC	Benzene	Non-detect	ug/L	0.5	ug/L	
11227-VOC	Chlorobenzene	Non-detect	ug/L	0.5	ug/L	
11227-VOC	Chloroethane	Non-detect	ug/L	0.5	ug/L	
11227-VOC	Ethyl benzene	Non-detect	ug/L	0.5	ug/L	
11227-VOC	Hexachlorobutadiene	Non-detect	ug/L	0.5	ug/L	
11227-VOC	Methyl bromide	Non-detect	ug/L	0.5	ug/L	

Ambient Ground Water Monitoring Program

Organic Record Count = 124

Organic Ground Water Quality Results

Station Name: MT. VERNON WELLFIELD | Amb. Well ID: 39KNO00190 | Well Num: 8 | PWS Type: COMM

Status: (AR) Active Rotational | Dist: CDO | County: Knox | Personnel: Crone-Brown, Pegg | ODNR #:

Parent Sample ID:11227-PAO | Trip ID: SPR-1998 | Sample Date/Time:05/20/1998 11:15 | Duplicate/QC code 0 / No

Depth (ft) 97.6 | Lith. Open Section: USG (Sand/Gravel) | Major Lith. UNC | Aquifer Name: Kokosing Buried Valley

Activity ID	Parameter	Result	UoM	RLimit	UoM	Lab Rmrk
11227-VOC	Methyl chloride	Non-detect	ug/L	0.5	ug/L	
11227-VOC	Dichloromethane	Non-detect	ug/L	0.5	ug/L	
11227-VOC	Tetrachloroethylene	Non-detect	ug/L	0.5	ug/L	
11227-VOC	Trichlorofluoromethane	Non-detect	ug/L	0.5	ug/L	
11227-VOC	Dichloroethane, 1,1-	Non-detect	ug/L	0.5	ug/L	
11227-VOC	1,1-Dichloroethylene	Non-detect	ug/L	0.5	ug/L	
11227-VOC	Trichloroethane, 1,1,1-	Non-detect	ug/L	0.5	ug/L	
11227-VOC	Trichloroethane, 1,1,2-	Non-detect	ug/L	0.5	ug/L	
11227-VOC	Tetrachloroethane, 1,1,2,2-	Non-detect	ug/L	0.5	ug/L	
11227-VOC	1,2-Dichlorobenzene	Non-detect	ug/L	0.5	ug/L	
11227-VOC	Dichloropropane, 1,2-	Non-detect	ug/L	0.5	ug/L	
11227-VOC	Dichloroethene, trans-1,2-	Non-detect	ug/L	0.5	ug/L	
11227-VOC	1,2,4-Trichlorobenzene	Non-detect	ug/L	0.5	ug/L	
11227-VOC	1,3-Dichlorobenzene	Non-detect	ug/L	0.5	ug/L	
11227-VOC	1,4-Dichlorobenzene	Non-detect	ug/L	0.5	ug/L	
11227-VOC	Dichlorodifluoromethane	Non-detect	ug/L	0.5	ug/L	
11227-VOC	Naphthalene	Non-detect	ug/L	0.5	ug/L	
11227-VOC	Dichloropropene, 1,3 trans-	Non-detect	ug/L	0.5	ug/L	
11227-VOC	Dichloropropene, 1,3 cis-	Non-detect	ug/L	0.5	ug/L	
11227-VOC	1,2-Dibromo-3-chloropropane (DBCP)	Non-detect	ug/L	0.5	ug/L	
11227-VOC	Vinyl chloride	Non-detect	ug/L	0.5	ug/L	
11227-VOC	Trichloroethylene	Non-detect	ug/L	0.5	ug/L	
11227-VOC	Dichloroethylene, cis-1,2-	Non-detect	ug/L	0.5	ug/L	
11227-VOC	Styrene	Non-detect	ug/L	0.5	ug/L	
11227-VOC	Dichloropropene, 1,1-	Non-detect	ug/L	0.5	ug/L	
11227-VOC	Dichloropropane, 2,2-	Non-detect	ug/L	0.5	ug/L	
11227-VOC	Dichloropropane, 1,3-	Non-detect	ug/L	0.5	ug/L	
11227-VOC	Trimethylbenzene, 1,2,4-	Non-detect	ug/L	0.5	ug/L	
11227-VOC	Cumene	Non-detect	ug/L	0.5	ug/L	
11227-VOC	Propylbenzene, n-	Non-detect	ug/L	0.5	ug/L	
11227-VOC	Trimethylbenzene, 1,3,5-	Non-detect	ug/L	0.5	ug/L	
11227-VOC	Chlorotoluene, 2-	Non-detect	ug/L	0.5	ug/L	
11227-VOC	Chlorotoluene, 4-	Non-detect	ug/L	0.5	ug/L	
11227-VOC	Chlorobromomethane	Non-detect	ug/L	0.5	ug/L	
11227-VOC	Butyl benzene	Non-detect	ug/L	0.5	ug/L	
11227-VOC	Butylbenzene, sec-	Non-detect	ug/L	0.5	ug/L	
11227-VOC	Butylbenzene, tert-	Non-detect	ug/L	0.5	ug/L	
11227-VOC	Trichloropropane, 1,2,3-	Non-detect	ug/L	0.5	ug/L	
11227-VOC	Tetrachloroethane, 1,1,1,2-	Non-detect	ug/L	0.5	ug/L	
11227-VOC	Dibromomethane	Non-detect	ug/L	0.5	ug/L	

Organic Ground Water Quality Results

Station Name: MT. VERNON WELLFIELD | Amb. Well ID: 39KNO00190 | Well Num: 8 | PWS Type: COMM

Status: (AR) Active Rotational | Dist: CDO | County: Knox | Personnel: Crone-Brown, Pegg ODNR #:

Parent Sample ID:11227-PAO | Trip ID: SPR-1998 | Sample Date/Time:05/20/1998 11:15 | Duplicate/QC code 0 / No

Depth (ft) 97.6 | Lith. Open Section: USG (Sand/Gravel) | Major Lith. UNC | Aquifer Name: Kokosing Buried Valley

Activity ID	Parameter	Result	UoM	RLimit	UoM	Lab Rmrk
11227-VOC	Trichlorobenzene, 1,2,3-	Non-detect	ug/L	0.5	ug/L	
11227-VOC	Ethylene dibromide (EDB)	Non-detect	ug/L	0.5	ug/L	
11227-VOC	Monobromobenzene	Non-detect	ug/L	0.5	ug/L	
11227-VOC	Xylenes, m- & p- Mix	Non-detect	ug/L	0.5	ug/L	

End of sample **11227-PAO**

Ambient Ground Water Monitoring Program

Organic Ground Water Quality Results

Organic Record Count = 60

Station Name: MT. VERNON WELLFIELD | Amb. Well ID: 39KNO00190 | Well Num: 8 | PWS Type: COMM

Status: (AR) Active Rotational | Dist: CDO | County: Knox | Personnel: Bondoc, Mike | ODNR #:

Parent Sample ID:37691-PAO | Trip ID: SPR-2001 | Sample Date/Time:04/19/2001 11:22 | Duplicate/QC code 0 / Yes

Depth (ft) 97.6 | Lith. Open Section: USG (Sand/Gravel) | Major Lith UNC | Aquifer Name: Kokosing Buried Valley

Activity ID	Parameter	Result	UoM	RLimit	UoM	Lab Rmrk
37691-VOC	Xylene, o-	Non-detect	ug/L	0.5	ug/L	
37691-VOC	Benzene	Non-detect	ug/L	0.5	ug/L	
37691-VOC	Chlorobenzene	Non-detect	ug/L	0.5	ug/L	
37691-VOC	Chloroethane	Non-detect	ug/L	0.5	ug/L	
37691-VOC	Ethyl benzene	Non-detect	ug/L	0.5	ug/L	
37691-VOC	Hexachlorobutadiene	Non-detect	ug/L	0.5	ug/L	
37691-VOC	Methyl bromide	Non-detect	ug/L	0.5	ug/L	
37691-VOC	Methyl chloride	Non-detect	ug/L	0.5	ug/L	
37691-VOC	Dichloromethane	Non-detect	ug/L	0.5	ug/L	
37691-VOC	Tetrachloroethylene	Non-detect	ug/L	0.5	ug/L	
37691-VOC	Trichlorofluoromethane	Non-detect	ug/L	0.5	ug/L	
37691-VOC	Dichloroethane, 1,1-	Non-detect	ug/L	0.5	ug/L	
37691-VOC	1,1-Dichloroethylene	Non-detect	ug/L	0.5	ug/L	
37691-VOC	Trichloroethane, 1,1,1-	Non-detect	ug/L	0.5	ug/L	
37691-VOC	Trichloroethane, 1,1,2-	Non-detect	ug/L	0.5	ug/L	
37691-VOC	Tetrachloroethane, 1,1,2,2-	Non-detect	ug/L	0.5	ug/L	
37691-VOC	1,2-Dichlorobenzene	Non-detect	ug/L	0.5	ug/L	
37691-VOC	Dichloropropane, 1,2-	Non-detect	ug/L	0.5	ug/L	
37691-VOC	Dichloroethene, trans-1,2-	Non-detect	ug/L	0.5	ug/L	
37691-VOC	1,2,4-Trichlorobenzene	Non-detect	ug/L	0.5	ug/L	
37691-VOC	1,3-Dichlorobenzene	Non-detect	ug/L	0.5	ug/L	
37691-VOC	1,4-Dichlorobenzene	Non-detect	ug/L	0.5	ug/L	
37691-VOC	Dichlorodifluoromethane	Non-detect	ug/L	0.5	ug/L	
37691-VOC	Naphthalene	Non-detect	ug/L	0.5	ug/L	
37691-VOC	Dichloropropene, 1,3 trans-	Non-detect	ug/L	0.5	ug/L	
37691-VOC	Dichloropropene, 1,3 cis-	Non-detect	ug/L	0.5	ug/L	
37691-VOC	1,2-Dibromo-3-chloropropane (DBCP)	Non-detect	ug/L	0.5	ug/L	
37691-VOC	Vinyl chloride	Non-detect	ug/L	0.5	ug/L	
37691-VOC	Trichloroethylene	Non-detect	ug/L	0.5	ug/L	
37691-VOC	Dichloroethylene, cis-1,2-	Non-detect	ug/L	0.5	ug/L	
37691-VOC	Styrene	Non-detect	ug/L	0.5	ug/L	
37691-VOC	Dichloropropene, 1,1-	Non-detect	ug/L	0.5	ug/L	
37691-VOC	Dichloropropane, 2,2-	Non-detect	ug/L	0.5	ug/L	
37691-VOC	Dichloropropane, 1,3-	Non-detect	ug/L	0.5	ug/L	
37691-VOC	Trimethylbenzene, 1,2,4-	Non-detect	ug/L	0.5	ug/L	
37691-VOC	Cumene	Non-detect	ug/L	0.5	ug/L	
37691-VOC	Propylbenzene, n-	Non-detect	ug/L	0.5	ug/L	
37691-VOC	Trimethylbenzene, 1,3,5-	Non-detect	ug/L	0.5	ug/L	
37691-VOC	Chlorotoluene, 2-	Non-detect	ug/L	0.5	ug/L	
37691-VOC	Chlorotoluene, 4-	Non-detect	ug/L	0.5	ug/L	

Ambient Ground Water Monitoring Program

Organic Record Count = 60

Organic Ground Water Quality Results

Station Name: MT. VERNON WELLFIELD | Amb. Well ID: 39KNO00190 | Well Num: 8 | PWS Type: COMM

Status: (AR) Active Rotational | Dist: CDO | County: Knox | Personnel: Bondoc, Mike | ODNR #:

Parent Sample ID:37691-PAO | Trip ID: SPR-2001 | Sample Date/Time:04/19/2001 11:22 | Duplicate/QC code 0 / Yes

Depth (ft) 97.6 | Lith. Open Section: USG (Sand/Gravel) | Major Lith. UNC | Aquifer Name: Kokosing Buried Valley

Activity ID	Parameter	Result	UoM	RLimit	UoM	Lab Rmrk
37691-VOC	Chlorobromomethane	Non-detect	ug/L	0.5	ug/L	
37691-VOC	Butyl benzene	Non-detect	ug/L	0.5	ug/L	
37691-VOC	Butylbenzene, sec-	Non-detect	ug/L	0.5	ug/L	
37691-VOC	Butylbenzene, tert-	Non-detect	ug/L	0.5	ug/L	
37691-VOC	Trichloropropane, 1,2,3-	Non-detect	ug/L	0.5	ug/L	
37691-VOC	Tetrachloroethane, 1,1,1,2-	Non-detect	ug/L	0.5	ug/L	
37691-VOC	Dibromomethane	Non-detect	ug/L	0.5	ug/L	
37691-VOC	Trichlorobenzene, 1,2,3-	Non-detect	ug/L	0.5	ug/L	
37691-VOC	Ethylene dibromide (EDB)	Non-detect	ug/L	0.5	ug/L	
37691-VOC	Monobromobenzene	Non-detect	ug/L	0.5	ug/L	
37691-VOC	Xylenes, m- & p- Mix	Non-detect	ug/L	0.5	ug/L	
37691-VOC	MTBE, Methyl tertiary butyl ether	Non-detect	ug/L	0.5	ug/L	
37691-VOC	Cymene	Non-detect	ug/L	0.5	ug/L	
37691-VOC	Dichlorobromomethane	Non-detect	ug/L	0.5	ug/L	
37691-VOC	Carbon tetrachloride	Non-detect	ug/L	0.5	ug/L	
37691-VOC	Dichloroethane, 1,2-	Non-detect	ug/L	0.5	ug/L	
37691-VOC	Bromoform	Non-detect	ug/L	0.5	ug/L	
37691-VOC	Chlorodibromomethane	Non-detect	ug/L	0.5	ug/L	
37691-VOC	Chloroform	Non-detect	ug/L	0.5	ug/L	
37691-VOC	Toluene	Non-detect	ug/L	0.5	ug/L	

End of sample **37691-PAO**

Ambient Ground Water Monitoring Program

Organic Ground Water Quality Results

Organic Record Count = 60

Station Name: MT. VERNON WELLFIELD | Amb. Well ID: 39KNO00190 | Well Num: 8 | PWS Type: COMM

Status: (AR) Active Rotational | Dist: CDO | County: Knox | Personnel: Bondoc, Mike | ODNR #:

Parent Sample ID:37692-PAO | Trip ID: SPR-2001 | Sample Date/Time:04/19/2001 11:22 | Duplicate/QC code 0 / No

Depth (ft) 97.6 | Lith. Open Section: USG (Sand/Gravel) | Major Lith. UNC | Aquifer Name: Kokosing Buried Valley

Activity ID	Parameter	Result	UoM	RLimit	UoM	Lab Rmrk
37692-VOC	Cymene	Non-detect	ug/L	0.5	ug/L	
37692-VOC	MTBE, Methyl tertiary butyl ether	Non-detect	ug/L	0.5	ug/L	
37692-VOC	Carbon tetrachloride	Non-detect	ug/L	0.5	ug/L	
37692-VOC	Dichloroethane, 1,2-	Non-detect	ug/L	0.5	ug/L	
37692-VOC	Bromoform	Non-detect	ug/L	0.5	ug/L	
37692-VOC	Chlorodibromomethane	Non-detect	ug/L	0.5	ug/L	
37692-VOC	Chloroform	Non-detect	ug/L	0.5	ug/L	
37692-VOC	Toluene	Non-detect	ug/L	0.5	ug/L	
37692-VOC	Xylene, o-	Non-detect	ug/L	0.5	ug/L	
37692-VOC	Benzene	Non-detect	ug/L	0.5	ug/L	
37692-VOC	Chlorobenzene	Non-detect	ug/L	0.5	ug/L	
37692-VOC	Chloroethane	Non-detect	ug/L	0.5	ug/L	
37692-VOC	Ethyl benzene	Non-detect	ug/L	0.5	ug/L	
37692-VOC	Hexachlorobutadiene	Non-detect	ug/L	0.5	ug/L	
37692-VOC	Methyl bromide	Non-detect	ug/L	0.5	ug/L	
37692-VOC	Methyl chloride	Non-detect	ug/L	0.5	ug/L	
37692-VOC	Dichloromethane	Non-detect	ug/L	0.5	ug/L	
37692-VOC	Tetrachloroethylene	Non-detect	ug/L	0.5	ug/L	
37692-VOC	Trichlorofluoromethane	Non-detect	ug/L	0.5	ug/L	
37692-VOC	Dichloroethane, 1,1-	Non-detect	ug/L	0.5	ug/L	
37692-VOC	1,1-Dichloroethylene	Non-detect	ug/L	0.5	ug/L	
37692-VOC	Trichloroethane, 1,1,1-	Non-detect	ug/L	0.5	ug/L	
37692-VOC	Trichloroethane, 1,1,2-	Non-detect	ug/L	0.5	ug/L	
37692-VOC	Tetrachloroethane, 1,1,2,2-	Non-detect	ug/L	0.5	ug/L	
37692-VOC	1,2-Dichlorobenzene	Non-detect	ug/L	0.5	ug/L	
37692-VOC	Dichloropropane, 1,2-	Non-detect	ug/L	0.5	ug/L	
37692-VOC	Dichloroethene, trans-1,2-	Non-detect	ug/L	0.5	ug/L	
37692-VOC	1,2,4-Trichlorobenzene	Non-detect	ug/L	0.5	ug/L	
37692-VOC	1,3-Dichlorobenzene	Non-detect	ug/L	0.5	ug/L	
37692-VOC	1,4-Dichlorobenzene	Non-detect	ug/L	0.5	ug/L	
37692-VOC	Dichlorodifluoromethane	Non-detect	ug/L	0.5	ug/L	
37692-VOC	Naphthalene	Non-detect	ug/L	0.5	ug/L	
37692-VOC	Dichloropropene, 1,3 trans-	Non-detect	ug/L	0.5	ug/L	
37692-VOC	Dichloropropene, 1,3 cis-	Non-detect	ug/L	0.5	ug/L	
37692-VOC	1,2-Dibromo-3-chloropropane (DBCP)	Non-detect	ug/L	0.5	ug/L	
37692-VOC	Vinyl chloride	Non-detect	ug/L	0.5	ug/L	
37692-VOC	Trichloroethylene	Non-detect	ug/L	0.5	ug/L	
37692-VOC	Dichloroethylene, cis-1,2-	Non-detect	ug/L	0.5	ug/L	
37692-VOC	Styrene	Non-detect	ug/L	0.5	ug/L	
37692-VOC	Dichloropropene, 1,1-	Non-detect	ug/L	0.5	ug/L	

Ambient Ground Water Monitoring Program

Organic Record Count = 60

Organic Ground Water Quality Results

Station Name: MT. VERNON WELLFIELD | Amb. Well ID: 39KNO00190 | Well Num: 8 | PWS Type: COMM

Status: (AR) Active Rotational | Dist: CDO | County: Knox | Personnel: Bondoc, Mike | ODNR #:

Parent Sample ID:37692-PAO | Trip ID: SPR-2001 | Sample Date/Time:04/19/2001 11:22 | Duplicate/QC code 0 / No

Depth (ft) 97.6 | Lith. Open Section: USG (Sand/Gravel) | Major Lith. UNC | Aquifer Name: Kokosing Buried Valley

Activity ID	Parameter	Result	UoM	RLimit	UoM	Lab Rmrk
37692-VOC	Dichloropropane, 2,2-	Non-detect	ug/L	0.5	ug/L	
37692-VOC	Dichloropropane, 1,3-	Non-detect	ug/L	0.5	ug/L	
37692-VOC	Trimethylbenzene, 1,2,4-	Non-detect	ug/L	0.5	ug/L	
37692-VOC	Cumene	Non-detect	ug/L	0.5	ug/L	
37692-VOC	Propylbenzene, n-	Non-detect	ug/L	0.5	ug/L	
37692-VOC	Trimethylbenzene, 1,3,5-	Non-detect	ug/L	0.5	ug/L	
37692-VOC	Chlorotoluene, 2-	Non-detect	ug/L	0.5	ug/L	
37692-VOC	Chlorotoluene, 4-	Non-detect	ug/L	0.5	ug/L	
37692-VOC	Chlorobromomethane	Non-detect	ug/L	0.5	ug/L	
37692-VOC	Butyl benzene	Non-detect	ug/L	0.5	ug/L	
37692-VOC	Butylbenzene, sec-	Non-detect	ug/L	0.5	ug/L	
37692-VOC	Butylbenzene, tert-	Non-detect	ug/L	0.5	ug/L	
37692-VOC	Trichloropropane, 1,2,3-	Non-detect	ug/L	0.5	ug/L	
37692-VOC	Tetrachloroethane, 1,1,1,2-	Non-detect	ug/L	0.5	ug/L	
37692-VOC	Dibromomethane	Non-detect	ug/L	0.5	ug/L	
37692-VOC	Trichlorobenzene, 1,2,3-	Non-detect	ug/L	0.5	ug/L	
37692-VOC	Ethylene dibromide (EDB)	Non-detect	ug/L	0.5	ug/L	
37692-VOC	Monobromobenzene	Non-detect	ug/L	0.5	ug/L	
37692-VOC	Xylenes, m- & p- Mix	Non-detect	ug/L	0.5	ug/L	
37692-VOC	Dichlorobromomethane	Non-detect	ug/L	0.5	ug/L	

End of sample **37692-PAO**

Ambient Ground Water Monitoring Program

Organic Record Count = 60

Organic Ground Water Quality Results

Station Name: MT. VERNON WELLFIELD | Amb. Well ID: 39KNO00190 | Well Num: 8 | PWS Type: COMM

Status: (AR) Active Rotational | Dist: CDO | County: Knox | Personnel: James, Cal | ODNR #:

Parent Sample ID:51079-PAO | Trip ID: FALL-2002 | Sample Date/Time:10/01/2002 13:05 | Duplicate/QC code 0 / No

Depth (ft) 97.6 | Lith. Open Section: USG (Sand/Gravel) | Major Lith. UNC | Aquifer Name: Kokosing Buried Valley

Activity ID	Parameter	Result	UoM	RLimit	UoM	Lab Rmrk
51079-VOC	Xylene, o-	Non-detect	ug/L	0.5	ug/L	
51079-VOC	Benzene	Non-detect	ug/L	0.5	ug/L	
51079-VOC	Chlorobenzene	Non-detect	ug/L	0.5	ug/L	
51079-VOC	Chloroethane	Non-detect	ug/L	0.5	ug/L	
51079-VOC	Ethyl benzene	Non-detect	ug/L	0.5	ug/L	
51079-VOC	Hexachlorobutadiene	Non-detect	ug/L	0.5	ug/L	
51079-VOC	Methyl bromide	Non-detect	ug/L	0.5	ug/L	
51079-VOC	Methyl chloride	Non-detect	ug/L	0.5	ug/L	
51079-VOC	Dichloromethane	Non-detect	ug/L	0.5	ug/L	
51079-VOC	Tetrachloroethylene	Non-detect	ug/L	0.5	ug/L	
51079-VOC	Trichlorofluoromethane	Non-detect	ug/L	0.5	ug/L	
51079-VOC	Dichloroethane, 1,1-	Non-detect	ug/L	0.5	ug/L	
51079-VOC	1,1-Dichloroethylene	Non-detect	ug/L	0.5	ug/L	
51079-VOC	Trichloroethane, 1,1,1-	Non-detect	ug/L	0.5	ug/L	
51079-VOC	Trichloroethane, 1,1,2-	Non-detect	ug/L	0.5	ug/L	
51079-VOC	Tetrachloroethane, 1,1,2,2-	Non-detect	ug/L	0.5	ug/L	
51079-VOC	1,2-Dichlorobenzene	Non-detect	ug/L	0.5	ug/L	
51079-VOC	Dichloropropane, 1,2-	Non-detect	ug/L	0.5	ug/L	
51079-VOC	Dichloroethene, trans-1,2-	Non-detect	ug/L	0.5	ug/L	
51079-VOC	1,2,4-Trichlorobenzene	Non-detect	ug/L	0.5	ug/L	
51079-VOC	1,3-Dichlorobenzene	Non-detect	ug/L	0.5	ug/L	
51079-VOC	1,4-Dichlorobenzene	Non-detect	ug/L	0.5	ug/L	
51079-VOC	Dichlorodifluoromethane	Non-detect	ug/L	0.5	ug/L	
51079-VOC	Naphthalene	Non-detect	ug/L	0.5	ug/L	
51079-VOC	Dichloropropene, 1,3 trans-	Non-detect	ug/L	0.5	ug/L	
51079-VOC	Dichloropropene, 1,3 cis-	Non-detect	ug/L	0.5	ug/L	
51079-VOC	1,2-Dibromo-3-chloropropane (DBCP)	Non-detect	ug/L	0.5	ug/L	
51079-VOC	Vinyl chloride	Non-detect	ug/L	0.5	ug/L	
51079-VOC	Trichloroethylene	Non-detect	ug/L	0.5	ug/L	
51079-VOC	Dichloroethylene, cis-1,2-	Non-detect	ug/L	0.5	ug/L	
51079-VOC	Styrene	Non-detect	ug/L	0.5	ug/L	
51079-VOC	Dichloropropene, 1,1-	Non-detect	ug/L	0.5	ug/L	
51079-VOC	Dichloropropane, 2,2-	Non-detect	ug/L	0.5	ug/L	
51079-VOC	Dichloropropane, 1,3-	Non-detect	ug/L	0.5	ug/L	
51079-VOC	Trimethylbenzene, 1,2,4-	Non-detect	ug/L	0.5	ug/L	
51079-VOC	Cumene	Non-detect	ug/L	0.5	ug/L	
51079-VOC	Propylbenzene, n-	Non-detect	ug/L	0.5	ug/L	
51079-VOC	Trimethylbenzene, 1,3,5-	Non-detect	ug/L	0.5	ug/L	
51079-VOC	Chlorotoluene, 2-	Non-detect	ug/L	0.5	ug/L	
51079-VOC	Chlorotoluene, 4-	Non-detect	ug/L	0.5	ug/L	

Ambient Ground Water Monitoring Program

Organic Record Count = 60

Organic Ground Water Quality Results

Station Name: MT. VERNON WELLFIELD | Amb. Well ID: 39KNO00190 | Well Num: 8 | PWS Type: COMM

Status: (AR) Active Rotational | Dist: CDO | County: Knox | Personnel: James, Cal | ODNR #:

Parent Sample ID:51079-PAO | Trip ID: FALL-2002 | Sample Date/Time:10/01/2002 13:05 | Duplicate/QC code 0 / No

Depth (ft) 97.6 | Lith. Open Section: USG (Sand/Gravel) | Major Lith. UNC | Aquifer Name: Kokosing Buried Valley

Activity ID	Parameter	Result	UoM	RLimit	UoM	Lab Rmrk
51079-VOC	Chlorobromomethane	Non-detect	ug/L	0.5	ug/L	
51079-VOC	Butyl benzene	Non-detect	ug/L	0.5	ug/L	
51079-VOC	Butylbenzene, sec-	Non-detect	ug/L	0.5	ug/L	
51079-VOC	Butylbenzene, tert-	Non-detect	ug/L	0.5	ug/L	
51079-VOC	Trichloropropane, 1,2,3-	Non-detect	ug/L	0.5	ug/L	
51079-VOC	Tetrachloroethane, 1,1,1,2-	Non-detect	ug/L	0.5	ug/L	
51079-VOC	Dibromomethane	Non-detect	ug/L	0.5	ug/L	
51079-VOC	Trichlorobenzene, 1,2,3-	Non-detect	ug/L	0.5	ug/L	
51079-VOC	Ethylene dibromide (EDB)	Non-detect	ug/L	0.5	ug/L	
51079-VOC	Monobromobenzene	Non-detect	ug/L	0.5	ug/L	
51079-VOC	Xylenes, m- & p- Mix	Non-detect	ug/L	0.5	ug/L	
51079-VOC	MTBE, Methyl tertiary butyl ether	Non-detect	ug/L	0.5	ug/L	
51079-VOC	Cymene	Non-detect	ug/L	0.5	ug/L	
51079-VOC	Dichlorobromomethane	Non-detect	ug/L	0.5	ug/L	
51079-VOC	Carbon tetrachloride	Non-detect	ug/L	0.5	ug/L	
51079-VOC	Dichloroethane, 1,2-	Non-detect	ug/L	0.5	ug/L	
51079-VOC	Bromoform	Non-detect	ug/L	0.5	ug/L	
51079-VOC	Chlorodibromomethane	Non-detect	ug/L	0.5	ug/L	
51079-VOC	Chloroform	Non-detect	ug/L	0.5	ug/L	
51079-VOC	Toluene	Non-detect	ug/L	0.5	ug/L	

End of sample **51079-PAO**

Ambient Ground Water Monitoring Program

Organic Record Count = 61

Organic Ground Water Quality Results

Station Name: MT. VERNON WELLFIELD | Amb. Well ID: 39KNO00190 | Well Num: 8 | PWS Type: COMM

Status: (AR) Active Rotational | Dist: CDO | County: Knox | Personnel: Bondoc, Mike | ODNR #:

Parent Sample ID:62940-PAO | Trip ID: SPR-2004 | Sample Date/Time:05/06/2004 09:50 | Duplicate/QC code 0 / No

Depth (ft) 97.6 | Lith. Open Section: USG (Sand/Gravel) | Major Lith. UNC | Aquifer Name: Kokosing Buried Valley

Activity ID	Parameter	Result	UoM	RLimit	UoM	Lab Rmrk
62940-VOC	Ethyl benzene	Non-detect	ug/L	0.5	ug/L	
62940-VOC	Chloroethane	Non-detect	ug/L	0.5	ug/L	
62940-VOC	Methyl bromide	Non-detect	ug/L	0.5	ug/L	
62940-VOC	Methyl chloride	Non-detect	ug/L	0.5	ug/L	
62940-VOC	Dichloromethane	Non-detect	ug/L	0.5	ug/L	
62940-VOC	Tetrachloroethylene	Non-detect	ug/L	0.5	ug/L	
62940-VOC	Trichlorofluoromethane	Non-detect	ug/L	0.5	ug/L	
62940-VOC	Dichloroethane, 1,1-	Non-detect	ug/L	0.5	ug/L	
62940-VOC	1,1-Dichloroethylene	Non-detect	ug/L	0.5	ug/L	
62940-VOC	Trichloroethane, 1,1,1-	Non-detect	ug/L	0.5	ug/L	
62940-VOC	Trichloroethane, 1,1,2-	Non-detect	ug/L	0.5	ug/L	
62940-VOC	Tetrachloroethane, 1,1,2,2-	Non-detect	ug/L	0.5	ug/L	
62940-VOC	1,2-Dichlorobenzene	Non-detect	ug/L	0.5	ug/L	
62940-VOC	Dichloropropane, 1,2-	Non-detect	ug/L	0.5	ug/L	
62940-VOC	Dichloroethene, trans-1,2-	Non-detect	ug/L	0.5	ug/L	
62940-VOC	1,2,4-Trichlorobenzene	Non-detect	ug/L	0.5	ug/L	
62940-VOC	1,3-Dichlorobenzene	Non-detect	ug/L	0.5	ug/L	
62940-VOC	1,4-Dichlorobenzene	Non-detect	ug/L	0.5	ug/L	
62940-VOC	Dichlorodifluoromethane	Non-detect	ug/L	0.5	ug/L	
62940-VOC	Naphthalene	Non-detect	ug/L	0.5	ug/L	
62940-VOC	Dichloropropene, 1,3 trans-	Non-detect	ug/L	0.5	ug/L	
62940-VOC	Dichloropropene, 1,3 cis-	Non-detect	ug/L	0.5	ug/L	
62940-VOC	1,2-Dibromo-3-chloropropane (DBCP)	Non-detect	ug/L	0.5	ug/L	
62940-VOC	Vinyl chloride	Non-detect	ug/L	0.5	ug/L	
62940-VOC	Trichloroethylene	Non-detect	ug/L	0.5	ug/L	
62940-VOC	Dichloroethylene, cis-1,2-	Non-detect	ug/L	0.5	ug/L	
62940-VOC	Styrene	Non-detect	ug/L	0.5	ug/L	
62940-VOC	Dichloropropene, 1,1-	Non-detect	ug/L	0.5	ug/L	
62940-VOC	Dichloropropane, 2,2-	Non-detect	ug/L	0.5	ug/L	
62940-VOC	Dichloropropane, 1,3-	Non-detect	ug/L	0.5	ug/L	
62940-VOC	Trimethylbenzene, 1,2,4-	Non-detect	ug/L	0.5	ug/L	
62940-VOC	Cumene	Non-detect	ug/L	0.5	ug/L	
62940-VOC	Propylbenzene, n-	Non-detect	ug/L	0.5	ug/L	
62940-VOC	Trimethylbenzene, 1,3,5-	Non-detect	ug/L	0.5	ug/L	
62940-VOC	Chlorotoluene, 2-	Non-detect	ug/L	0.5	ug/L	
62940-VOC	Chlorotoluene, 4-	Non-detect	ug/L	0.5	ug/L	
62940-VOC	Chlorobromomethane	Non-detect	ug/L	0.5	ug/L	
62940-VOC	Butyl benzene	Non-detect	ug/L	0.5	ug/L	
62940-VOC	Butylbenzene, sec-	Non-detect	ug/L	0.5	ug/L	
62940-VOC	Butylbenzene, tert-	Non-detect	ug/L	0.5	ug/L	

Ambient Ground Water Monitoring Program

Organic Record Count = 61

Organic Ground Water Quality Results

Station Name: MT. VERNON WELLFIELD | Amb. Well ID: 39KNO00190 | Well Num: 8 | PWS Type: COMM

Status: (AR) Active Rotational | Dist: CDO | County: Knox | Personnel: Bondoc, Mike | ODNR #:

Parent Sample ID:62940-PAO | Trip ID: SPR-2004 | Sample Date/Time:05/06/2004 09:50 | Duplicate/QC code 0 / No

Depth (ft) 97.6 | Lith. Open Section: USG (Sand/Gravel) | Major Lith. UNC | Aquifer Name: Kokosing Buried Valley

Activity ID	Parameter	Result	UoM	RLimit	UoM	Lab Rmrk
62940-VOC	Trichloropropane, 1,2,3-	Non-detect	ug/L	0.5	ug/L	
62940-VOC	Tetrachloroethane, 1,1,1,2-	Non-detect	ug/L	0.5	ug/L	
62940-VOC	Dibromomethane	Non-detect	ug/L	0.5	ug/L	
62940-VOC	Trichlorobenzene, 1,2,3-	Non-detect	ug/L	0.5	ug/L	
62940-VOC	Ethylene dibromide (EDB)	Non-detect	ug/L	0.5	ug/L	
62940-VOC	Monobromobenzene	Non-detect	ug/L	0.5	ug/L	
62940-VOC	Xylenes, m- & p- Mix	Non-detect	ug/L	0.5	ug/L	
62940-VOC	MTBE, Methyl tertiary butyl ether	Non-detect	ug/L	0.5	ug/L	
62940-VOC	Trihalomethanes (unspecified mix)	Non-detect	ug/L	0.5	ug/L	
62940-VOC	Cymene	Non-detect	ug/L	0.5	ug/L	
62940-VOC	Dichlorobromomethane	Non-detect	ug/L	0.5	ug/L	
62940-VOC	Carbon tetrachloride	Non-detect	ug/L	0.5	ug/L	
62940-VOC	Dichloroethane, 1,2-	Non-detect	ug/L	0.5	ug/L	
62940-VOC	Bromoform	Non-detect	ug/L	0.5	ug/L	
62940-VOC	Chlorodibromomethane	Non-detect	ug/L	0.5	ug/L	
62940-VOC	Chloroform	Non-detect	ug/L	0.5	ug/L	
62940-VOC	Toluene	Non-detect	ug/L	0.5	ug/L	
62940-VOC	Xylene, o-	Non-detect	ug/L	0.5	ug/L	
62940-VOC	Benzene	Non-detect	ug/L	0.5	ug/L	
62940-VOC	Chlorobenzene	Non-detect	ug/L	0.5	ug/L	
62940-VOC	Hexachlorobutadiene	Non-detect	ug/L	0.5	ug/L	

End of sample **62940-PAO**

Ambient Ground Water Monitoring Program

Organic Record Count = 61

Organic Ground Water Quality Results

Station Name: MT. VERNON WELLFIELD | Amb. Well ID: 39KNO00190 | Well Num: 8 | PWS Type: COMM

Status: (AR) Active Rotational | Dist: CDO | County: Knox | Personnel: Bondoc, Mike | ODNR #:

Parent Sample ID:79977-PAO | Trip ID: FALL-2005 | Sample Date/Time:10/27/2005 13:10 | Duplicate/QC code 0 / No

Depth (ft) 97.6 | Lith. Open Section: USG (Sand/Gravel) | Major Lith. UNC | Aquifer Name: Kokosing Buried Valley

Activity ID	Parameter	Result	UoM	RLimit	UoM	Lab Rmrk
79977-VOC	1,4-Dichlorobenzene	Non-detect		0.5	ug/L	
79977-VOC	1,3-Dichlorobenzene	Non-detect		0.5	ug/L	
79977-VOC	Dichlorodifluoromethane	Non-detect		0.5	ug/L	
79977-VOC	Dichloroethane, 1,1-	Non-detect		0.5	ug/L	
79977-VOC	Dichloroethane, 1,2-	Non-detect		0.5	ug/L	
79977-VOC	Dichloroethene, trans-1,2-	Non-detect		0.5	ug/L	
79977-VOC	1,1-Dichloroethylene	Non-detect		0.5	ug/L	
79977-VOC	Dichloroethylene, cis-1,2-	Non-detect		0.5	ug/L	
79977-VOC	Dichloropropane, 1,2-	Non-detect		0.5	ug/L	
79977-VOC	Dichloropropane, 1,3-	Non-detect		0.5	ug/L	
79977-VOC	Dichloropropane, 2,2-	Non-detect		0.5	ug/L	
79977-VOC	Dichloropropene, 1,1-	Non-detect		0.5	ug/L	
79977-VOC	Dichloropropene, 1,3 cis-	Non-detect		0.5	ug/L	
79977-VOC	Dichloropropene, 1,3 trans-	Non-detect		0.5	ug/L	
79977-VOC	1,2-Dibromo-3-chloropropane (DBCP)	Non-detect		0.5	ug/L	
79977-VOC	Ethyl benzene	Non-detect		0.5	ug/L	
79977-VOC	Hexachlorobutadiene	Non-detect		0.5	ug/L	
79977-VOC	Cumene	Non-detect		0.5	ug/L	
79977-VOC	Cymene	Non-detect		0.5	ug/L	
79977-VOC	Methyl bromide	Non-detect		0.5	ug/L	
79977-VOC	Methyl chloride	Non-detect		0.5	ug/L	
79977-VOC	Dichloromethane	Non-detect		0.5	ug/L	
79977-VOC	Naphthalene	Non-detect		0.5	ug/L	
79977-VOC	Propylbenzene, n-	Non-detect		0.5	ug/L	
79977-VOC	Styrene	Non-detect		0.5	ug/L	
79977-VOC	Tetrachloroethane, 1,1,1,2-	Non-detect		0.5	ug/L	
79977-VOC	Tetrachloroethane, 1,1,2,2-	Non-detect		0.5	ug/L	
79977-VOC	Tetrachloroethylene	Non-detect		0.5	ug/L	
79977-VOC	Toluene	Non-detect		0.5	ug/L	
79977-VOC	Trichlorobenzene, 1,2,3-	Non-detect		0.5	ug/L	
79977-VOC	1,2,4-Trichlorobenzene	Non-detect		0.5	ug/L	
79977-VOC	Trichloroethane, 1,1,1-	Non-detect		0.5	ug/L	
79977-VOC	Trichloroethane, 1,1,2-	Non-detect		0.5	ug/L	
79977-VOC	Trichloroethylene	Non-detect		0.5	ug/L	
79977-VOC	Trichlorofluoromethane	Non-detect		0.5	ug/L	
79977-VOC	Trichloropropane, 1,2,3-	Non-detect		0.5	ug/L	
79977-VOC	Trihalomethanes (unspecified mix)	Non-detect		0.5	ug/L	
79977-VOC	Trimethylbenzene, 1,2,4-	Non-detect		0.5	ug/L	
79977-VOC	Trimethylbenzene, 1,3,5-	Non-detect		0.5	ug/L	
79977-VOC	Vinyl chloride	Non-detect		0.5	ug/L	

Ambient Ground Water Monitoring Program

Organic Record Count = 61

Organic Ground Water Quality Results

Station Name: MT. VERNON WELLFIELD | Amb. Well ID: 39KNO00190 | Well Num: 8 | PWS Type: COMM

Status: (AR) Active Rotational | Dist: CDO | County: Knox | Personnel: Bondoc, Mike | ODNR #:

Parent Sample ID:79977-PAO | Trip ID: FALL-2005 | Sample Date/Time:10/27/2005 13:10 | Duplicate/QC code 0 / No

Depth (ft) 97.6 | Lith. Open Section: USG (Sand/Gravel) | Major Lith. UNC | Aquifer Name: Kokosing Buried Valley

Activity ID	Parameter	Result	UoM	RLimit	UoM	Lab Rmrk
79977-VOC	Xylene, o-	Non-detect		0.5	ug/L	
79977-VOC	MTBE, Methyl tertiary butyl ether	Non-detect		0.5	ug/L	
79977-VOC	Xylenes, m- & p- Mix	Non-detect		0.5	ug/L	
79977-VOC	Benzene	Non-detect		0.5	ug/L	
79977-VOC	Monobromobenzene	Non-detect		0.5	ug/L	
79977-VOC	Bromoform	Non-detect		0.5	ug/L	
79977-VOC	Butyl benzene	Non-detect		0.5	ug/L	
79977-VOC	Butylbenzene, sec-	Non-detect		0.5	ug/L	
79977-VOC	Butylbenzene, tert-	Non-detect		0.5	ug/L	
79977-VOC	Carbon tetrachloride	Non-detect		0.5	ug/L	
79977-VOC	Chlorobenzene	Non-detect		0.5	ug/L	
79977-VOC	Chlorotoluene, 2-	Non-detect		0.5	ug/L	
79977-VOC	Chlorobromomethane	Non-detect		0.5	ug/L	
79977-VOC	Chloroethane	Non-detect		0.5	ug/L	
79977-VOC	Chloroform	Non-detect		0.5	ug/L	
79977-VOC	Chlorotoluene, 4-	Non-detect		0.5	ug/L	
79977-VOC	Chlorodibromomethane	Non-detect		0.5	ug/L	
79977-VOC	Ethylene dibromide (EDB)	Non-detect		0.5	ug/L	
79977-VOC	Dibromomethane	Non-detect		0.5	ug/L	
79977-VOC	1,2-Dichlorobenzene	Non-detect		0.5	ug/L	
79977-VOC	Dichlorobromomethane	Non-detect		0.5	ug/L	

End of sample **79977-PAO**

Ambient Ground Water Monitoring Program

Organic Record Count = 61

Organic Ground Water Quality Results

Station Name: MT. VERNON WELLFIELD | Amb. Well ID: 39KNO00190 | Well Num: 8 | PWS Type: COMM

Status: (AR) Active Rotational | Dist: CDO | County: Knox | Personnel: James, Cal | ODNR #:

Parent Sample ID:91716-PAO | Trip ID: SPR-2007 | Sample Date/Time:04/24/2007 10:10 | Duplicate/QC code 0 / No

Depth (ft) 97.6 | Lith. Open Section: USG (Sand/Gravel) | Major Lith. UNC | Aquifer Name: Kokosing Buried Valley

Activity ID	Parameter	Result	UoM	RLimit	UoM	Lab Rmrk
91716-VOC	Dibromomethane	Non-detect		0.5	ug/L	
91716-VOC	Ethylene dibromide (EDB)	Non-detect		0.5	ug/L	
91716-VOC	1,3-Dichlorobenzene	Non-detect		0.5	ug/L	
91716-VOC	1,4-Dichlorobenzene	Non-detect		0.5	ug/L	
91716-VOC	Dichlorobromomethane	Non-detect		0.5	ug/L	
91716-VOC	Dichlorodifluoromethane	Non-detect		0.5	ug/L	
91716-VOC	Dichloroethane, 1,1-	Non-detect		0.5	ug/L	
91716-VOC	Dichloroethane, 1,2-	Non-detect		0.5	ug/L	
91716-VOC	Dichloroethene, trans-1,2-	Non-detect		0.5	ug/L	
91716-VOC	1,1-Dichloroethylene	Non-detect		0.5	ug/L	
91716-VOC	Dichloroethylene, cis-1,2-	Non-detect		0.5	ug/L	
91716-VOC	Dichloropropane, 1,2-	Non-detect		0.5	ug/L	
91716-VOC	Dichloropropane, 1,3-	Non-detect		0.5	ug/L	
91716-VOC	Dichloropropane, 2,2-	Non-detect		0.5	ug/L	
91716-VOC	Dichloropropene, 1,1-	Non-detect		0.5	ug/L	
91716-VOC	Dichloropropene, 1,3 cis-	Non-detect		0.5	ug/L	
91716-VOC	Dichloropropene, 1,3 trans-	Non-detect		0.5	ug/L	
91716-VOC	1,2-Dibromo-3-chloropropane (DBCP)	Non-detect		0.5	ug/L	
91716-VOC	Ethyl benzene	Non-detect		0.5	ug/L	
91716-VOC	Hexachlorobutadiene	Non-detect		0.5	ug/L	
91716-VOC	Cumene	Non-detect		0.5	ug/L	
91716-VOC	Cymene	Non-detect		0.5	ug/L	
91716-VOC	Methyl bromide	Non-detect		0.5	ug/L	
91716-VOC	Methyl chloride	Non-detect		0.5	ug/L	
91716-VOC	Dichloromethane	Non-detect		0.5	ug/L	
91716-VOC	Naphthalene	Non-detect		0.5	ug/L	LLS
91716-VOC	Propylbenzene, n-	Non-detect		0.5	ug/L	
91716-VOC	Styrene	Non-detect		0.5	ug/L	
91716-VOC	Tetrachloroethane, 1,1,1,2-	Non-detect		0.5	ug/L	
91716-VOC	Tetrachloroethane, 1,1,2,2-	Non-detect		0.5	ug/L	
91716-VOC	Tetrachloroethylene	Non-detect		0.5	ug/L	
91716-VOC	Toluene	Non-detect		0.5	ug/L	
91716-VOC	Trichlorobenzene, 1,2,3-	Non-detect		0.5	ug/L	
91716-VOC	1,2,4-Trichlorobenzene	Non-detect		0.5	ug/L	
91716-VOC	Trichloroethane, 1,1,1-	Non-detect		0.5	ug/L	
91716-VOC	Trichloroethane, 1,1,2-	Non-detect		0.5	ug/L	
91716-VOC	Trichloroethylene	Non-detect		0.5	ug/L	
91716-VOC	Trichlorofluoromethane	Non-detect		0.5	ug/L	
91716-VOC	Trichloropropane, 1,2,3-	Non-detect		0.5	ug/L	
91716-VOC	Trihalomethanes (unspecified mix)	Non-detect		0.5	ug/L	

Ambient Ground Water Monitoring Program

Organic Record Count = 61

Organic Ground Water Quality Results

Station Name: MT. VERNON WELLFIELD | Amb. Well ID: 39KNO00190 | Well Num: 8 | PWS Type: COMM

Status: (AR) Active Rotational | Dist: CDO | County: Knox | Personnel: James, Cal | ODNR #:

Parent Sample ID:91716-PAO | Trip ID: SPR-2007 | Sample Date/Time:04/24/2007 10:10 | Duplicate/QC code 0 / No

Depth (ft) 97.6 | Lith. Open Section: USG (Sand/Gravel) | Major Lith. UNC | Aquifer Name: Kokosing Buried Valley

Activity ID	Parameter	Result	UoM	RLimit	UoM	Lab Rmrk
91716-VOC	Trimethylbenzene, 1,2,4-	Non-detect		0.5	ug/L	
91716-VOC	Trimethylbenzene, 1,3,5-	Non-detect		0.5	ug/L	
91716-VOC	Vinyl chloride	Non-detect		0.5	ug/L	
91716-VOC	Xylene, o-	Non-detect		0.5	ug/L	
91716-VOC	MTBE, Methyl tertiary butyl ether	Non-detect		0.5	ug/L	
91716-VOC	Xylenes, m- & p- Mix	Non-detect		0.5	ug/L	
91716-VOC	Benzene	Non-detect		0.5	ug/L	
91716-VOC	Monobromobenzene	Non-detect		0.5	ug/L	
91716-VOC	Bromoform	Non-detect		0.5	ug/L	
91716-VOC	Butyl benzene	Non-detect		0.5	ug/L	
91716-VOC	Butylbenzene, sec-	Non-detect		0.5	ug/L	
91716-VOC	Butylbenzene, tert-	Non-detect		0.5	ug/L	
91716-VOC	Carbon tetrachloride	Non-detect		0.5	ug/L	
91716-VOC	Chlorobenzene	Non-detect		0.5	ug/L	
91716-VOC	Chlorotoluene, 2-	Non-detect		0.5	ug/L	
91716-VOC	Chlorobromomethane	Non-detect		0.5	ug/L	
91716-VOC	Chloroethane	Non-detect		0.5	ug/L	
91716-VOC	Chloroform	Non-detect		0.5	ug/L	
91716-VOC	Chlorotoluene, 4-	Non-detect		0.5	ug/L	
91716-VOC	Chlorodibromomethane	Non-detect		0.5	ug/L	
91716-VOC	1,2-Dichlorobenzene	Non-detect		0.5	ug/L	

End of sample **91716-PAO**

OhioEPA Division of Environmental Services

Laboratory Inorganic Analysis Data Report

Sample	109080				
Date Received	11/13/2008 2:05 PM	**Matrix**	GW	**Collected by**	JAMES, CAL
	Begin	**End**		**Sample Type**	AMBIENT
Date Collected			11/13/2008 11:35 AM	**Station ID**	39KNO00190
Program	CDO-DDAGW			**Customer ID**	8
Client	GROUND_WATER			**External ID**	
OEPA Division	DDAGW				
Location	Mt. Vernon well 8				

Analysis	Parameter	Storet	Result	RL	Units	Date	Qualifier
Solids_Diss	Total Dissolved Solids	P70300	366	10	mg/L	11/19/2008	
TOC	TOC	P680	<2.0	2	mg/L	11/25/2008	
ICPMS_(WAT)	Arsenic	P1002	6.3	2	ug/L	12/01/2008	
ICPMS_(WAT)	Cadmium	P1027	<0.20	0.2	ug/L	12/01/2008	
ICPMS_(WAT)	Chromium	P1034	<2.0	2	ug/L	12/01/2008	
ICPMS_(WAT)	Copper	P1042	<2.0	2	ug/L	12/01/2008	
ICPMS_(WAT)	Lead	P1051	<2.0	2	ug/L	12/01/2008	
ICPMS_(WAT)	Nickel	P1067	<2.0	2	ug/L	12/01/2008	
ICPMS_(WAT)	Selenium	P1147	<2.0	2	ug/L	12/01/2008	
ICP_(WAT)	Aluminum	P1105	<200	200	ug/L	11/28/2008	
ICP_(WAT)	Barium	P1007	203	15	ug/L	11/28/2008	
ICP_(WAT)	Calcium	P916	83	2	mg/L	11/28/2008	
ICP_(WAT)	Hardness, Total	P900	327	10	mg/L	11/28/2008	
ICP_(WAT)	Iron	P1045	1590	50	ug/L	11/28/2008	
ICP_(WAT)	Magnesium	P927	29	1	mg/L	11/28/2008	
ICP_(WAT)	Manganese	P1055	113	10	ug/L	11/28/2008	
ICP_(WAT)	Potassium	P937	2	2	mg/L	11/28/2008	
ICP_(WAT)	Sodium	P929	13	5	mg/L	11/28/2008	
ICP_(WAT)	Strontium	P1082	2700	30	ug/L	11/28/2008	
ICP_(WAT)	Zinc	P1092	<10	10	ug/L	11/28/2008	
Alkalinity	Alkalinity	P410	256	5	mg/L	11/18/2008	
Ammonia	Ammonia	P610	0.194	0.05	mg/L	11/24/2008	
Bromide	Bromide	P71870	58.7	20	ug/L	11/20/2008	
COD	COD	P340	<10	10	mg/L	11/20/2008	
Chloride	Chloride	P940	14.3	5	mg/L	12/01/2008	
Fluoride	Fluoride	P951	0.39	0.2	mg/L	11/24/2008	
Nitrate	Nitrate+nitrite	P630	2.08	0.1	mg/L	11/24/2008	
Sulfate	Sulfate	P945	39.9	10	mg/L	11/25/2008	
TKN	TKN	P625	<0.20	0.2	mg/L	11/21/2008	
TP	Total Phosphorus	P665	<0.010	0.01	mg/L	11/21/2008	

Field Comments

Lab Comments

QC / Sample Comments

Approved By SROBERTS **On** 12/09/2008

Ambient Ground Water Monitoring Program

Inorganic Record Count = 17

Inorganic Ground Water Quality Results

Station Name: AMERICAN CAN WELLFIELD | Amb. Well ID: 39KNO000259 | Well Num: 7 | PWS Type: Non-PWS

Status: (IN) Inactive | Dist: CDO | County: Knox | Personnel: Johe, Dave | ODNR #: 0333777

Parent Sample ID:9787-PA | Trip ID: SPR-1973 | Sample Date/Time:07/05/1973 12:00 | Duplicate/QC code 0 / No

Depth (ft) 96 | Lith. Open Section: USG (Sand/Gravel) | Major Lith. UNC | Aquifer Name: Kokosing Buried Valley

Activity ID	Parameter	Result	UoM	RLimit UoM	Lab Rmrk
9787-FLD	Temperature	12.2000	deg C		
9787-ICP	Calcium	85.0000	mg/L		
9787-ICP	Hardness	292.0000	mg/L		
9787-ICP	Iron	1800.0000	ug/L		
9787-ICP	Magnesium	26.0000	mg/L		
9787-ICP	Manganese	100.0000	ug/L		
9787-ICP	Potassium	1.9000	mg/L		
9787-ICP	Sodium	13.0000	mg/L		
9787-NDI	COD	Non-detect	mg/L	10.000 mg/L	
9787-NDI	Nitrogen, Nitrate	0.01	mg/L		
9787-UNPR	Alkalinity	268.0000	mg/L		
9787-UNPR	Chloride	8.0000	mg/L		
9787-UNPR	Flouride	0.3900	mg/L		
9787-UNPR	pH	7.5000	S.U.		
9787-UNPR	TDS	337.0000	mg/L		
9787-UNPR	Specific conductance	600.0000	umhos/cm		
9787-UNPR	Sulfate	37.0000	mg/L		

End of sample **9787-PA**

Ambient Ground Water Monitoring Program

Inorganic Record Count = 15

Inorganic Ground Water Quality Results

Station Name: AMERICAN CAN WELLFIELD | Amb. Well ID: 39KNO00259 | Well Num: 7 | PWS Type: Non-PWS

Status: (IN) Inactive | Dist: CDO | County: Knox | Personnel: Johe, Dave | ODNR #: 0333777

Parent Sample ID:2185-PA | Trip ID: FALL-1973 | Sample Date/Time:11/29/1973 12:00 | Duplicate/QC code 0 / No

Depth (ft) 96 | Lith. Open Section: USG (Sand/Gravel) | Major Lith. UNC | Aquifer Name: Kokosing Buried Valley

Activity ID	Parameter	Result	UoM	RLimit UoM	Lab Rmrk
2185-FLD	Temperature	12.2000	deg C		
2185-ICP	Calcium	96.0000	mg/L		
2185-ICP	Iron	1600.0000	ug/L		
2185-ICP	Magnesium	26.0000	mg/L		
2185-ICP	Sodium	12.0000	mg/L		
2185-NDI	TOC	5	mg/L		
2185-NDI	COD	Non-detect	mg/L	10.000 mg/L	
2185-NDI	Nitrogen, Ammonia	0.05	mg/L		
2185-NDI	Nitrogen, Nitrate	0.01	mg/L		
2185-UNPR	Alkalinity	264.0000	mg/L		
2185-UNPR	Chloride	8.0000	mg/L		
2185-UNPR	Flouride	0.4200	mg/L		
2185-UNPR	pH	7.6000	S.U.		
2185-UNPR	TDS	325.0000	mg/L		
2185-UNPR	Sulfate	30.0000	mg/L		

End of sample **2185-PA**

Ambient Ground Water Monitoring Program

Inorganic Record Count = 17

Inorganic Ground Water Quality Results

Station Name: AMERICAN CAN WELLFIELD | Amb. Well ID: 39KNO00259 | Well Num: 7 | PWS Type: Non-PWS

Status: (IN) Inactive | Dist: CDO | County: Knox | Personnel: Sudbury, N/S | ODNR #: 0333777

Parent Sample ID:4603-PA | Trip ID: SPR-1974 | Sample Date/Time:06/11/1974 11:30 | Duplicate/QC code 0 / No

Depth (ft) 96 | Lith. Open Section: USG (Sand/Gravel) | Major Lith. UNC | Aquifer Name: Kokosing Buried Valley

Activity ID	Parameter	Result	UoM	RLimit UoM	Lab Rmrk
4603-FLD	Temperature	13.9000	deg C		
4603-ICP	Calcium	87.0000	mg/L		
4603-ICP	Hardness	286.0000	mg/L		
4603-ICP	Iron	1800.0000	ug/L		
4603-ICP	Magnesium	26.0000	mg/L		
4603-ICP	Sodium	12.0000	mg/L		
4603-NDI	TOC	5	mg/L		
4603-NDI	COD	4.0000	mg/L		
4603-NDI	Nitrogen, Ammonia	0.1500	mg/L		
4603-NDI	Nitrogen, Nitrate	0.01	mg/L		
4603-UNPR	Alkalinity	195.0000	mg/L		
4603-UNPR	Chloride	7.0000	mg/L		
4603-UNPR	Flouride	0.3800	mg/L		
4603-UNPR	pH	7.6000	S.U.		
4603-UNPR	Solids, Total	338.0000	mg/L		
4603-UNPR	Specific conductance	470.0000	umhos/cm		
4603-UNPR	Sulfate	33.0000	mg/L		

End of sample **4603-PA**

Ambient Ground Water Monitoring Program

Inorganic Record Count = 19

Inorganic Ground Water Quality Results

Station Name: AMERICAN CAN WELLFIELD | Amb. Well ID: 39KNO00259 | Well Num: 7 | PWS Type: Non-PWS

Status: (IN) Inactive | Dist: CDO | County: Knox | Personnel: Noyes, John | ODNR #: 0333777

Parent Sample ID:10107-PA | Trip ID: SPR-1975 | Sample Date/Time:06/26/1975 14:10 | Duplicate/QC code 0 / No

Depth (ft) 96 | Lith. Open Section: USG (Sand/Gravel) | Major Lith. UNC | Aquifer Name: Kokosing Buried Valley

Activity ID	Parameter	Result	UoM	RLimit	UoM	Lab Rmrk
10107-FLD	Temperature	13.9000	deg C			
10107-ICP	Barium	300.0000	ug/L			
10107-ICP	Calcium	81.0000	mg/L			
10107-ICP	Chromium	Non-detect	ug/L	30.000	ug/L	
10107-ICP	Iron	1600.0000	ug/L			
10107-ICP	Magnesium	27.0000	mg/L			
10107-ICP	Potassium	1.3000	mg/L			
10107-ICP	Sodium	14.0000	mg/L			
10107-NDI	TOC	Non-detect	mg/L	2.000	mg/L	
10107-NDI	COD	8.0000	mg/L			
10107-NDI	Nitrogen, Ammonia	0.2400	mg/L			
10107-NDI	Nitrogen, Nitrate	0.1000	mg/L			
10107-UNPR	Alkalinity	262.0000	mg/L			
10107-UNPR	Chloride	8.0000	mg/L			
10107-UNPR	MBAS	Non-detect	mg/L	2.000	mg/L	
10107-UNPR	pH	7.5000	S.U.			
10107-UNPR	TDS	414.0000	mg/L			
10107-UNPR	Specific conductance	400.0000	umhos/cm			
10107-UNPR	Sulfate	16.0000	mg/L			

End of sample **10107-PA**

Ambient Ground Water Monitoring Program

Inorganic Record Count = 16

Inorganic Ground Water Quality Results

Station Name: AMERICAN CAN WELLFIELD | Amb. Well ID: 39KNO00259 | Well Num: 7 | PWS Type: Non-PWS

Status: (IN) Inactive | Dist: CDO | County: Knox | Personnel: Johe, Dave | ODNR #: 0333777

Parent Sample ID:11408-PA | Trip ID: FALL-1975 | Sample Date/Time 09/18/1975 12:00 | Duplicate/QC code 0 / No

Depth (ft) 96 | Lith. Open Section: USG (Sand/Gravel) | Major Lith. UNC | Aquifer Name: Kokosing Buried Valley

Activity ID	Parameter	Result	UoM	RLimit	UoM	Lab Rmrk
11408-FLD	Temperature	12.7000	deg C			
11408-ICP	Barium	300.0000	ug/L			
11408-ICP	Calcium	52.0000	mg/L			
11408-ICP	Chromium	Non-detect	ug/L	30.000	ug/L	
11408-ICP	Iron	1540.0000	ug/L			
11408-ICP	Magnesium	26.0000	mg/L			
11408-ICP	Sodium	12.0000	mg/L			
11408-NDI	TOC	Non-detect	mg/L	2.000	mg/L	
11408-NDI	COD	8.0000	mg/L			
11408-NDI	Nitrogen, Ammonia	0.1700	mg/L			
11408-NDI	Nitrogen, Nitrate	Non-detect	mg/L	0.100	mg/L	
11408-UNPR	Alkalinity	271.0000	mg/L			
11408-UNPR	Chloride	7.0000	mg/L			
11408-UNPR	MBAS	0.0500	mg/L			
11408-UNPR	TDS	323.0000	mg/L			
11408-UNPR	Sulfate	32.0000	mg/L			

End of sample **11408-PA**

Ambient Ground Water Monitoring Program

Inorganic Record Count = 14

Inorganic Ground Water Quality Results

Station Name: AMERICAN CAN WELLFIELD | Amb. Well ID: 39KNO00259 | Well Num: 7 | PWS Type: Non-PWS

Status: (IN) Inactive | Dist: CDO | County: Knox | Personnel: Johe, Dave | ODNR #: 0333777

Parent Sample ID:14103-PA | Trip ID: FALL-1976 | Sample Date/Time:10/28/1976 12:00 | Duplicate/QC code 0 / No

Depth (ft) 96 | Lith. Open Section: USG (Sand/Gravel) | Major Lith. UNC | Aquifer Name: Kokosing Buried Valley

Activity ID	Parameter	Result	UoM	RLimit	UoM	Lab Rmrk
14103-ICP	Barium	200.0000	ug/L			
14103-ICP	Calcium	70.0000	mg/L			
14103-ICP	Iron	1650.0000	ug/L			
14103-ICP	Magnesium	29.0000	mg/L			
14103-ICP	Sodium	13.0000	mg/L			
14103-NDI	TOC	5	mg/L			
14103-NDI	COD	8.0000	mg/L			
14103-NDI	Nitrogen, Ammonia	0.2300	mg/L			
14103-NDI	Nitrogen, Nitrate	0.01	mg/L			
14103-UNPR	Alkalinity	264.0000	mg/L			
14103-UNPR	Chloride	5.0000	mg/L			
14103-UNPR	MBAS	Non-detect	mg/L	2.000	mg/L	
14103-UNPR	TDS	322.0000	mg/L			
14103-UNPR	Sulfate	29.0000	mg/L			

End of sample **14103-PA**

Ambient Ground Water Monitoring Program

Inorganic Record Count = 17

Inorganic Ground Water Quality Results

Station Name: AMERICAN CAN WELLFIELD | Amb. Well ID: 39KNO00259 | Well Num: 7 | PWS Type: Non-PWS

Status: (IN) Inactive | Dist: CDO | County: Knox | Personnel: Stein, Russ | ODNR #: 0333777

Parent Sample ID:15933-PA | Trip ID: SPR-1977 | Sample Date/Time:05/10/1977 12:00 | Duplicate/QC code 0 / No

Depth (ft) 96 | Lith. Open Section: USG (Sand/Gravel) | Major Lith. UNC | Aquifer Name: Kokosing Buried Valley

Activity ID	Parameter	Result	UoM	RLimit UoM	Lab Rmrk
15933-FLD	Temperature	12.2000	deg C		
15933-ICP	Barium	200.0000	ug/L		
15933-ICP	Calcium	71.0000	mg/L		
15933-ICP	Iron	1550.0000	ug/L		
15933-ICP	Magnesium	23.0000	mg/L		
15933-ICP	Manganese	90.0000	ug/L		
15933-ICP	Sodium	12.0000	mg/L		
15933-NDI	COD	Non-detect	mg/L	10.000 mg/L	
15933-NDI	Nitrogen, Ammonia	0.2100	mg/L		
15933-NDI	Nitrogen, Nitrate	0.01	mg/L		
15933-UNPR	Alkalinity	263.0000	mg/L		
15933-UNPR	Chloride	5.0000	mg/L		
15933-UNPR	Flouride	0.4000	mg/L		
15933-UNPR	MBAS	Non-detect	mg/L	2.000 mg/L	
15933-UNPR	pH	7.6000	S.U.		
15933-UNPR	TDS	324.0000	mg/L		
15933-UNPR	Sulfate	40.0000	mg/L		

End of sample **15933-PA**

Ambient Ground Water Monitoring Program

Inorganic Record Count = 16

Inorganic Ground Water Quality Results

Station Name: AMERICAN CAN WELLFIELD | Amb. Well ID: 39KNO00259 | Well Num: 7 | PWS Type: Non-PWS

Status: (IN) Inactive | Dist: CDO | County: Knox | Personnel: Stein, Russ | ODNR #: 0333777

Parent Sample ID:17075-PA | Trip ID: FALL-1977 | Sample Date/Time:10/20/1977 12:00 | Duplicate/QC code 0 / No

Depth (ft) 96 | Lith. Open Section: USG (Sand/Gravel) | Major Lith: UNC | Aquifer Name: Kokosing Buried Valley

Activity ID	Parameter	Result	UoM	RLimit	UoM	Lab Rmrk
17075-ICP	Barium	200.0000	ug/L			
17075-ICP	Calcium	70.0000	mg/L			
17075-ICP	Chromium	Non-detect	ug/L	30.000	ug/L	
17075-ICP	Iron	2000.0000	ug/L			
17075-ICP	Magnesium	24.0000	mg/L			
17075-ICP	Potassium	1.4000	mg/L			
17075-ICP	Sodium	12.0000	mg/L			
17075-NDI	TOC	7.0000	mg/L			
17075-NDI	COD	Non-detect	mg/L	10.000	mg/L	
17075-NDI	Nitrogen, Nitrate	0.0500	mg/L			
17075-UNPR	Alkalinity	263.0000	mg/L			
17075-UNPR	Chloride	8.0000	mg/L			
17075-UNPR	MBAS	Non-detect	mg/L	2.000	mg/L	
17075-UNPR	pH	7.7000	S.U.			
17075-UNPR	TDS	328.0000	mg/L			
17075-UNPR	Sulfate	36.0000	mg/L			

End of sample **17075-PA**

Ambient Ground Water Monitoring Program

Inorganic Record Count = 14

Inorganic Ground Water Quality Results

Station Name: AMERICAN CAN WELLFIELD | Amb. Well ID: 39KNO00259 | Well Num: 7 | PWS Type: Non-PWS

Status: (IN) Inactive | Dist: CDO | County: Knox | Personnel: Stein, Russ | ODNR #: 0333777

Parent Sample ID:18028-PA | Trip ID: SPR-1978 | Sample Date/Time:04/13/1978 09:25 | Duplicate/QC code 0 / No

Depth (ft) 96 | Lith. Open Section: USG (Sand/Gravel) | Major Lith. UNC | Aquifer Name: Kokosing Buried Valley

Activity ID	Parameter	Result	UoM	RLimit	UoM	Lab Rmrk
18028-ICP	Calcium	70.0000	mg/L			
18028-ICP	Iron	1640.0000	ug/L			
18028-ICP	Magnesium	23.0000	mg/L			
18028-ICP	Manganese	100.0000	ug/L			
18028-ICP	Sodium	12.0000	mg/L			
18028-NDI	TOC	17.6000	mg/L			
18028-NDI	COD	Non-detect	mg/L	10.000	mg/L	
18028-NDI	Nitrogen, Ammonia	0.1400	mg/L			
18028-NDI	Nitrogen, Nitrate	Non-detect	mg/L	0.100	mg/L	
18028-UNPR	Alkalinity	258.0000	mg/L			
18028-UNPR	Chloride	7.0000	mg/L			
18028-UNPR	MBAS	Non-detect	mg/L	2.000	mg/L	
18028-UNPR	TDS	316.0000	mg/L			
18028-UNPR	Sulfate	28.0000	mg/L			

End of sample **18028-PA**

Ambient Ground Water Monitoring Program

Inorganic Record Count = 13

Inorganic Ground Water Quality Results

Station Name: AMERICAN CAN WELLFIELD | Amb. Well ID: 39KNO00259 | Well Num: 7 | PWS Type: Non-PWS

Status: (IN) Inactive | Dist: CDO | County: Knox | Personnel: Stein, Russ | ODNR #: 0333777

Parent Sample ID:20681-PA | Trip ID: SPR-1979 | Sample Date/Time:05/08/1979 12:00 | Duplicate/QC code 0 / No

Depth (ft) 96 | Lith. Open Section: USG (Sand/Gravel) | Major Lith. UNC | Aquifer Name: Kokosing Buried Valley

Activity ID	Parameter	Result	UoM	RLimit	UoM	Lab Rmrk
20681-ICP	Calcium	68.0000	mg/L			
20681-ICP	Iron	1550.0000	ug/L			
20681-ICP	Magnesium	24.0000	mg/L			
20681-ICP	Manganese	80.0000	ug/L			
20681-ICP	Sodium	12.0000	mg/L			
20681-NDI	COD	4.0000	mg/L			
20681-NDI	Nitrogen, Ammonia	0.1500	mg/L			
20681-NDI	Nitrogen, Nitrate	Non-detect	mg/L	0.100	mg/L	
20681-UNPR	Alkalinity	254.0000	mg/L			
20681-UNPR	Chloride	Non-detect	mg/L	5.000	mg/L	
20681-UNPR	MBAS	Non-detect	mg/L	2.000	mg/L	
20681-UNPR	TDS	324.0000	mg/L			
20681-UNPR	Sulfate	24.0000	mg/L			

End of sample **20681-PA**

Division of Emergency and Remedial Response
Public Water Supply Project
Mount Vernon Water Supply
West Main Street, Mount Vernon, Knox County
April 11, 1991

1. This facility found 1.5 ppb of perchloroethylene (PCE) in its well #7 in 1985. They also found 3.07 ppb toluene and 1.57 ppb chloroform in this well in November 1990. Follow up sampling of the same well in January 1991 showed no VOC's above detection limits.

2. The well field is composed (from North to South) of well # 7 (98 feet deep)- which pumps 1.0 mgd, a Ranney well (87 feet deep)- which pumps up to 4 mgd, well # 6 (103 feet deep) which pumps 1.6 mgd, and well # 3 which pumps 0.8 mgd. The wells are pumped at various rates in various combinations with each other. The well field is located just East of the Kokosing River and North of Main Street.

3. The well field pumps from a highly permeable sand and gravel aquifer. American National Can and Cooper Industries are situated on permeable gravelly loam soils which overlie the sand and gravel aquifer.

4. Facility personnel had few guesses for possible sources of contamination during Ohio EPA's March 28, 1991. They mentioned American National Can and a petroleum spill on Tilden Avenue (1800 gallons of gasoline at 309 Tilden in January, 1990).

5. A sample collected by the Division of Groundwater (DGW) from well # 2 at American National Can in August 1986 contained methylene chloride, 1,2-dibromomethane, 1,1,2,2-tetrachloroethane, and toluene. DGW collected a sample from American National Can well # 4 just previous to our site visit to Mount Vernon Water Supply.

6. Linnea Saukko (DGW) and I drove around in the area east of the river. American National Can (approximately 800 feet to the Northeast) and Cooper Industries (approximately 1600 feet to the East) were two large industries that seemed to dominate the area. Other than that, possible sources were limited to small automotive shops, etc. A drycleaner is located across High Street to the south, but this is thought to be downgradient.

7. DSHWM/RCRA files show no use of PCE, toluene, or chloroform at Cooper Industries and use of only toluene at American National Can.

Prepared By: Jeffrey W. Reynolds

Signature: Jeffrey W. Reynolds

DIVISION OF PUBLIC WATER SUP.

Environmental Sample Submission Report

Return Completed Report To:

Ohio EPA, Division of Public Water Supply
361 East Broad Street
Columbus, OH 43216-1049

Laboratory Name: [illegible]
Certification Number: [illegible]
Sample Number: T-2779
Analyst: [illegible]
Date Received: [illegible] **Date Reported:** [illegible]

Sample Identification

PWS ID: SC, [illegible]
Water Supply Name: [illegible]
Address: [illegible]
City & Zip: [illegible]
County: [illegible] **Phone:** [illegible]

Sample Date & Time (Use Military Time)

Year	Month	Day	Hour	Minute
85	08	05	14	38

Type of Sample:
Raw: ☐ **Plant Tap:** ☐ **Distribution:** ☐

Sample Collected By: [illegible]
Sample Location: [illegible]

Field Treatment:

- ☐ Filtered
- ☐ Iced
- ☐ NaOH
- ☐ Other (Explain)
- ☐ $CuSO_4 + H_3PO_4$
- ☐ H_2SO_4
- ☐ HNO_3

Additional Information—Analyst Remarks—Non Routine Analytical Requests

7

Radioisotopes

☐ Alpha, Total pc/l	P1501,
☐ Alpha, Diss pc/l	P1503,
☐ Alpha, Suspd pc/l	P1505,
☐ Beta, Total pc/l	P3501,
☐ Beta, Diss pc/l	P3503,
☐ Beta, Suspd pc/l	P3505,
☐ Barium 140, Total pc/l	P75030,
☐ Cesium-134, Total pc/l	P28414,
☐ Cesium-137, Total pc/l	P28401,
☐ Iodine-131, Total pc/l	P28301,
☐ Potassium-40, Total pc/l	P75038,
☐ Radium-226, Total pc/l	P9501,
☐ Radium-228, Total pc/l	P11501,
☐ Strontium-90, Total pc/l	P13501,
☐ Strontium-89, Total pc/l	P15501,
☐ Tritium pc/l	P7000,

Volatile Organics

☐ Chloroform, Total ug/l	P32106,
☐ Methylene Chloride, Total ug/l	P34423,
☐ Carbon Tetrachloride, Total ug/l	P32102,
☐ Bromoform, Total ug/l	P32104,
☐ Bromodichloromethane, Total ug/l	P32101,
☐ Dibromochloromethane, Total ug/l	P32105,
☐ 1, 2-Dichloroethane, Total ug/l	P32103,
☐ Tetrachloroethylene	13
☐	
☐	
☐	
☐	

Pesticides

☐ Aldrin, Whl Sample ug/l	P39330,
☐ DDD, Whl Sample ug/l	P39360,
☐ DDE, Whl Sample ug/l	P39365,
☐ DDT, Whl Sample ug/l	P39370,
☐ Deildrin, Whl Sampl ug/l	P39380,
☐ Chlordane, Whl Sampl ug/l	P39350,
☐ Endrin, Whl Sampl ug/l	P39390,
☐ Heptachlor, Whl Sampl ug/l	P39410,
☐ Hchlr-Epoxide, Whl Sampl ug/l	P39420,
☐ Lindane, Whl Sampl ug/l	P39782,
☐ Methoxychlor, Whl Sampl ug/l	P39480,
☐ Malathion, Whl Sampl ug/l	P39530,
☐ Parathion, Whl Sampl ug/l	P39540,
☐ Methyl Parathn, Whl Sampl ug/l	P39600,
☐ Toxaphene, Whl Sample ug/l	P39400,
☐ 2, 4-D, Whl Sampl ug/l	P39730,
☐ Silvex, Whl Sampl ug/l	P39760,
☐ BHC, Whl Sampl ug/l	P39340,
☐ Mirex, Whl Sampl ug/l	P39755,
☐ Diazinon, Whl Sampl ug/l	P39570,

Special Parameters

☐ PCB, Whl Sampl ug/l	P39516,
☐ Chlorophyll "A" ug/l	P32209,
☐ Phenols ug/l	P32730,
☐ Sample Purpose	P71999,
☐ Sample Code	P115,
☐	
☐	
☐	

All
20 ppm
MCL

Distribution: (1-3) Ohio EPA, Division of Public Water Supply
(4) Owner or Purveyor of Water Supply
(5) Laboratory File

EPA 5019

OhioEPA DIVISION OF WASTEWATER POLLUTION CONTROL — Report – Chemistry Laboratory

Date Received 86 06 27 — Laboratory Number 25100

Date Reported 87-01-05 — Approved By: TR — SC, ☐☐☐☐☐☐

Station Ludlow Packaging - Mt Vernon #2 — Sample Type: Grab ☒ Composite ☐

Sample Type: Monthly ☒ Compliance ☐ Litigation ☐ WQPA Survey ☐ Complaint ☐ B-WQ Survey ☐

Sample Collected By Stone

Report Analysis To Russ Stein

Date & Time of Sample: Begin 86 08 27 11:00 — End

Frequency & Duration of Composite Sample

CO ☒ NEDO ☐ NWDO ☐ SEDO ☐ SWDO ☐ CDO ☐ WQPA ☐

PARAMETER	STORET CODE	RESULTS	DATE ANALYZED	ANALYST	METHOD CODE
FIELD MEASUREMENTS					
☐ Chlorine, Free Avl., mg/l	P50064,				
☐ Chlorine, Total Resd., mg/l	P50060,				
☐ Conductivity, umhos/cm	P94,				
☐ Dissolved Oxygen, mg/l	P299,				
☐ Flow, CFS	P61,				
☐ pH, SU	P400,				
☐ Temperature, Water, °C	P10,				
☐ Gage Height, ft.	P65,				
☐					
☐					
METALS					
☐ Aluminum, Total Al, ug/l	P1105,				
☐ Arsenic, Total As.ug/l	P1002,				
☐ Barium, Total Ba, ug/l	P1007,				
☐ Cadmium, Total Cd, ug/l	P1027,				
☒ Calcium, Total Ca, mg/l	P916,	74.1	12-29	AL	
☐ Chromium, Hex Cr, ug/l	P1032,				
☐ Chromium, Total Cr, ug/l	P1034,				
☐ Copper, Total Cu, ug/l	P1042,				
☐ Iron, Diss, Fe, ug/l	P1046,	—			
☒ Iron, Total Fe, ug/l	P1045,	1600	12-29	AL	
☐ Lead, Total Pb, ug/l	P1051,				
☒ Magnesium, Total Mg, mg/l	P927,	24.7	12-29	AL	
☒ Manganese, Total Mn, ug/l	P1055,	100	12-29	AL	
☐ Mercury, Total Hg, ug/l	P71900,				
☐ Nickel, Total Ni, ug/l	P1067,				
☐ Potassium, Total K, mg/l	P937,				
☐ Selenium, Total Se, ug/l	P1147,				
☐ Silver, Total Ag, ug/l	P1077,				
☒ Sodium, Total Na, mg/l	P929,	9	12-18	AL	
☐ Strontium	P1082,				
☐ Zinc, Total, ug/l	P1092,				
☐					

NON-METALS	STORET CODE	RESULTS	DATE ANALYZED	ANALYST	METHOD CODE
☐ Acidity, Total $CaCO_3$ mg/l	P70508,				
☒ Alkalinity, Total $CaCO_3$ mg/l	P410,	249	9-8	BK	
☐ BOD, 5-day, mg/l	P310,				
☐ cBOD, 5 Day, mg/l	P80082,				
☐ BOD, 20 Day, mg/l	P324,				
☐ cBOD, 20 Day, mg/l	P80087,				
☒ MBAS, mg/l	P38260,	N/D			
☒ Carbon, Total Org., mg/l	P680,	N/D			
☒ COD, mg/l	P335,	32	9-23	MS	
☒ Chloride, Cl, mg/l	P940,	LA			
☐ Conductivity at 25°C, umhos/cm	P95,				
☐ Cyanide, Total, mg/l	P720,				
☐ Fluoride, F, mg/l	P951,				
☐ Hardness, Total as $CaCo_3$ mg/l	P900,				
☒ Nitrate-Nitrite, as N, mg/l	P620,	<0.10	9-8	MH	
☐ Nitrite, as N, mg/l	P615,				
☒ Nitrogen, Ammonia as N, mg/l	P610,	0.11	9-8	MH	
☐ Nitrogen, Total Kjeldahl, mg/l	P625,				
☐ Oil and Grease, mg/l	P556,				
☒ pH, SU	P403,	7.35	8/28	MH	
☐ Phenolics, ug/l	P32730,				
☐ Phosphorus, Diss. P, mg/l	P666,				
☐ Phosphorus, Total P, mg/l	P665,				
☐ Residue, Total, mg/l	P550,				
☒ Residue, Total Flt, mg/l	P70300,	338	8-30	BN	
☐ Residue, Total Nflt, mg/l	P530,				
☐ Silica, Dissolved, mg/l	P955,				
☒ Sulfate, SO_4, mg/l	P945,	LA			
☐					
☐					
MICROBIOLOGY					
☐ Fecal Coliform, MF, #/100 ml	P31616,				
☐ Fecal Strep, MF # / 100 ml	P31679,				
☐					

PRESERVATIVES

☐ NaOH ☐ $K_2Cr_2O_7$ ☒ N/P
☒ H_2SO_4 ☐ $CuSO_4$-H_3PO_4
☒ HNO_3 ☐ Other

Comments:

Knox County
Network Well #118

DISTRIBUTION: WHITE-LAB, GREEN-PERMITS, CANARY-STORET, PINK-DISTRICT, GOLDENROD-DISTRICT

OEPA 4700

OhioEPA

DIVISION OF PUBLIC DRINKING WATER

VOC Sample Submission Report

Return Completed Report To:

Ohio EPA, Division of Public Drinking Water
1800 Watermark Drive
P.O. Box 1049
Columbus, Ohio 43266-0149

Laboratory Name: ODH
Certification Number: (47) 1 2 3 4 5 (51)
Sample Number: (52) T 5 1 8 2 (61)
Analyst: J M Walsh
Date Received: 11/19/90 Date Reported: (27) Month 12 Day 5 Year 90 (32)

Sample Identification

PWS ID: (1) 4 2 0 0 8 1 2 (7)
Water Supply Name: Mt. Vernon Well #7
Address: 40 Public Square
City & Zip: Mt. Vernon OH 43050
County: Knox **Phone:** 614-393-9502

Sample Date: Month 1 Day 1 Year 90 (36) (41)
Time (Use Military Time): Hour 1 Minute 4 0 0 (43) (46)
Sample Collected By: John Kirwin
Sample/Well Location: #7 - raw - in well house

Additional Information—Analyst Remarks—Non Routine Analytical Requests

Field Treatment: ☐ Iced ☐ NaOH ☐ HNO_3 ☐ $Na_2O_3S_2$ ☐ $CuSO_4 + H_3PO_4$ ☐ H_2SO_4 ☐ Other (Explain)

Special Investigation November 25

☑ Sample Type (Raw-R, Plant-P, Dist-D)	R	Raw	☐ Chloroethane, Total ug/l	2216,	<0.5
☑ Sample Type (Check-C, Special-S)	S	Special	☐ 1, 3-Dichloropropene, Total ug/l Cis/trans	2413,	<0.5
☑ Well Identification		#7 most northern	☐ Hexachlorobutadiene, Total ug/l	2246,	<0.5
☐ Trichloroethylene, Total ug/l	2984,	<0.5	☐ Naphthalene, Total ug/l	2248,	<0.5
☐ Benzene, Total ug/l	2990,	<0.5	☐ tert-Butylbenzene, Total ug/l	2426,	<0.5
☐ Carbon Tetrachloride, Total ug/l	2982,	<0.5	☐ p-Isopropyltoluene, Total ug/l	2030,	<0.5
☐ 1,2-Dichloroethane, Total ug/l	2980,	<0.5	☐ Dichloromethane, Total ug/l	2964,	<0.5
☐ Vinyl Chloride, Total ug/l	2976,	<0.5	☐ Fluorotrichloromethane, Total ug/l	2218,	<0.5
☐ 1,1-Dichloroethylene, Total ug/l	2977,	<0.5	☐ sec-Butylbenzene, Total ug/l	2428,	<0.5
☐ 1,1,1-Trichloroethane, Total ug/l	2981,	<0.5	☐ 1,1-Dichloroethane, total ug/l	2978,	<0.5
☐ p-Dichlorobenzene, Total ug/l	2969,	<0.5	☐ Ethylbenzene, Total ug/l	2992,	<0.5
☐ CIS-1,2-Dichloroethylene, Total ug/l	2380,	<0.5	☐ Bromobenzene, Total ug/l	2993,	<0.5
☐ Tetrachloroethylene, Total ug/l	2987,	<0.5	☐ Isopropylbenzene, Total ug/l	2994,	<0.5
☐ o-Dichlorobenzene, Total ug/l	2968,	<0.5	☐ m-Xylene, Total ug/l	2995,	<0.5
☐ 1,2-Dibromo-3-Chloropropane, Total ug/l	2931,	<1.0	☐ o-Xylene, Total ug/l	2997,	<0.5
☐ TRANS-1.2-Dichloroethylene, Total ug/l	2979,	<0.5	☐ p-Xylene, Total ug/l	2962,	<0.5
☐ Monochlorobenzene, Total ug/l	2989,	<0.5	☐ n-Propylbenzene, Total ug/l	2998,	<0.5
☐ 1,2-Dibromoethane (EDB), Total ug/l	2946,	<1.0	☐ o-Chlorotoluene, Total ug/l	2965,	<0.5
☐ Styrene, Total ug/l	2996,	<0.5	☐ p-Chlorotoluene, Total ug/l	2966,	<0.5
☐ Toluene, Total ug/l	2991 0.5	3.07	☐ m-Dichlorobenzene, Total ug/l	2967,	<0.5
☐ Total Xylene, Total ug/l	2955,	<0.5	☐ 1,2,3-Trichlorobenzene, Total ug/l	2420,	<0.5
☐ Chloroform, Total ug/l	2941,	1.57	☐ 1,2,4-Trimethylbenzene, Total ug/l	2418,	<0.5
☐ Bromoform, Total ug/l	2942,	<0.5	☐ n-Butylbenzene, Total ug/l	2422,	<0.5
☐ Bromodichloromethane, Total ug/l	2943,	<0.5	☐ 1,3,5-Trimethylbenzene, Total ug/l	2424,	<0.5
☐ Dibromochloromethane, Total ug/l	2944,	<0.5	☐ 1,2,4-Trichlorobenzene, Total ug/l	2378,	<0.5
☐ 2,2-Dichloropropane, Total ug/l	2416,	<1.0	☐ Acid Extractable Organics, Total ug/l	2435,	
☐ Dichlorodifluoromethane, Total ug/l	2212,	<4.0	☐ Base-Neutral Extract, Organics, Total ug/l	2445,	
☐ Dibromomethane, Total ug/l	2408,	<1.0	☐		
☐ 1,3-Dichloropropane, Total ug/l	2412,	<0.5	☐		
☐ Chloromethane, Total ug/l	2210,	<0.5	☐ X GCMS confirmed		
☐ Bromomethane, Total ug/l	2214,	<2.0	☐		
☐ Bromochloromethane, Total ug/l	2430,	<0.5	☐		
☐ 1,2,3-Trichloropropane, Total ug/l	2414,	<0.5	☐		
☐ 1,2-Dichloropropane, Total ug/l	2983,	<0.5	☐		
☐ 1,1,2-Trichloroethane, Total ug/l	2985,	<0.5	☐		
☐ 1,1,1,2-Tetrachloroethane, Total ug/l	2986,	<0.5	☐		
☐ 1,1,2,2-Tetrachloroethane, Total ug/l	2988,	<0.5	☐		
☐ 1,1-Dichloropropene, Total ug/l	2410,	<0.5	☐		

Distribution: (1-3) Ohio EPA, Division of Public Drinking Water (4) Owner or Purveyor of Water Supply (5) Laboratory File

DIVISION OF PUBLIC DRINKING WATER

VOC Sample Submission Report

91 FEB 22

Return Completed Report To:

Ohio EPA, Division of Public Drinking Water
1800 WaterMark Dr.
P.O. Box 1049
Columbus, Ohio 43266-0149

Laboratory Name: Ohio Dept. of Health
Certification Number: (47) 1 2 3 4 5 (51)
Sample Number: (52) 7 5 2 2 2 (61)
Analyst: E. Stafford D. Perry
Date Received: 1/8/91 Date Reported: (27) Month 0 Day 2 Year 2 0 9 1 (32)

Sample Identification

PWS ID: (1) 4 2 0 0 8 1 2 (7)
Water Supply Name: Mt Vernon Well #7
Address: 40 Public Square
City & Zip: Mt Vernon OH 43050
County: Knox Phone: (614) 393-9502

Sample Date: Month 0 Day 1 Year 1 7 9 1 (36) (41)
Time (Use Military Time): Hour 1 4 Minute 2 5 (43) (46)
Sample Collected By: John Kirwin
Sample Location: Tap in wellhouse #7

Additional Information — Analyst Remarks — Non Routine Analytical Requests

☐ $CuSO_4 + H_3PO_4$ ☐ Iced ☐ H_2SO_4 ☐ NaOH ☐ HNO_3 ☐ $Na_2O_3S_2$
☐ Other (Explain) VOC SPECIAL INVESTIGATION January 14

☐ Sample Type (Raw-R, Plant-P, Dist-D)	Raw	☐ Chloroethane, Total ug/l	2216, <0.5
☐ Sample Type (Check-C, Special-S)	Special	☐ 1,3-Dichloropropene, Total ug/l	2413, <0.5
☑ Well Identification	7, Mid Northern	☐ Hexachlorobutadiene, Total ug/l	2246, <0.5
☐ Trichloroethylene, Total ug/l	2984, <0.5	☐ Naphthalene, Total ug/l	2248, <0.5
☐ Benzene, Total ug/l	2990, <0.5	☐ tert-Butylbenzene, Total ug/l	2426, <0.5
☐ Carbon Tetrachloride, Total ug/l	2982, <0.5	☐ p-Isopropyltoluene, Total ug/l	2030, <0.5
☐ 1,2-Dichloroethane, Total ug/l	2980, <0.5	☐ Dichloromethane, Total ug/l	2964, <0.5
☐ Vinyl Chloride, Total ug/l	2976, <0.5	☐ Fluorotrichloromethane, Total ug/l	2218, <0.5
☐ 1,1-Dichloroethylene, Total ug/l	2977, <0.5	☐ sec-Butylbenzene, Total ug/l	2428, <0.5
☐ 1,1,1-Trichloroethane, Total ug/l	2981, <0.5	☐ 1,1-Dichloroethane, Total ug/l	2978, <0.5
☐ p-Dichlorobenzene, Total ug/l	2969, <0.5	☐ Ethylbenzene, Total ug/l	2992, <0.5
☐ CIS-1,2-Dichloroethylene, Total ug/l	2380, <0.5	☐ Bromobenzene, Total ug/l	2993, <0.5
☐ Tetrachloroethylene, Total ug/l	2987, <0.5	☐ Isopropylbenzene, Total ug/l	2994, <0.5
☐ o-Dichlorobenzene, Total ug/l	2968, <0.5	☐ m-Xylene, Total ug/l	2995, <0.5
☐ 1,2-Dibromo-3-Chloropropane, Total ug/l	2931, <0.02	☐ o-Xylene, Total ug/l	2997, <0.5
☐ TRANS-1,2-Dichloroethylene, Total ug/l	2979, <0.5	☐ p-Xylene, Total ug/l	2962, <0.5
☐ Monochlorobenzene, Total ug/l	2989, <0.5	☐ n-Propylbenzene, Total ug/l	2998, <0.5
☐ 1,2-Dibromoethane (EDB), Total ug/l	2946, <0.02	☐ o-Chlorotoluene, Total ug/l	2965, <0.5
☐ Styrene, Total ug/l	2996, <0.5	☐ p-Chlorotoluene, Total ug/l	2966, <0.5
☐ Toluene, Total ug/l	2991, <0.5	☐ m-Dichlorobenzene, Total ug/l	2967, <0.5
☐ Total Xylene, Total ug/l	2955, <0.5	☐ 1,2,3-Trichlorobenzene, Total ug/l	2420, <0.5
☐ Chloroform, Total ug/l	2941, <0.5	☐ 1,2,4-Trimethylbenzene, Total ug/l	2418, <0.5
☐ Bromoform, Total ug/l	2942, <0.5	☐ n-Butylbenzene, Total ug/l	2422, <0.5
☐ Bromodichloromethane, Total ug/l	2943, <0.5	☐ 1,3,5-Trimethylbenzene, Total ug/l	2424, <0.5
☐ Dibromochloromethane, Total ug/l	2944, <0.5	☐ 1,2,4-Trichlorobenzene, Total ug/l	2378, <0.5
☐ 2,2-Dichloropropane, Total ug/l	2416, <1.0	Residual Chlorine	None added
☐ Dichlorodifluoromethane, Total ug/l	2212, <4.0		
☐ Dibromomethane, Total ug/l	2408, <1.0		
☐ 1,3-Dichloropropane, Total ug/l	2412, <0.5		
☐ Chloromethane, Total ug/l	2210, <0.5		
☐ Bromomethane, Total ug/l	2214, <2.0		
☐ Bromochloromethane, Total ug/l	2430, <0.5		
☐ 1,2,3-Trichloropropane, Total ug/l	2414, <0.5		
☐ 1,2-Dichloropropane, Total ug/l	2983, <0.5		
☐ 1,1,2-Trichloroethane, Total ug/l	2985, <0.5		
☐ 1,1,1,2-Tetrachloroethane, Total ug/l	2986, <0.5		
☐ 1,1,2,2-Tetrachloroethane, Total ug/l	2988, <0.5		
☐ 1,1-Dichloropropene, Total ug/l	2410, <0.5		

Distribution: (1-3) Ohio EPA, Division of Public Drinking Water (4) Owner or Purveyor of Water Supply (5) Laboratory File

EPA 5019 (Rev. 8/90)

LOTUS 123
KNAMER. AMB

KNOX COUNTY - AMERICAN NATIONAL CAN - AMBIENT MONITORING

Constituents are listed alphabetically (according to spelling, not symbol). All concentrations in mg/L except conductivity (umhos/cm), pH (S.U.) and fecal coliform (#/100 mL).

Date	Alk.Tot. CaCO3	Ammonia Nitrogen	As,Tot.	Cd,Tot.	Ca,Tot.	COD	Cl
Well #2							
8/27/86	249	0.11			74.1	32	
Well #4							
3/28/91		1.44	0.01	<.0003	76	<10	10
Well #7							
7/5/73	268				85	0	9
11/29/73	264	0			95	0	8
6/11/74	195	0.15			87	4	7
11/5/74	275	0.16			86	0	7
6/26/75	262	0.24			81	8	9
9/18/75	271	0.17			52	8	7
10/28/76		0.23			70	8	5
5/10/77	263	0.21			71	0	5
10/5/77	263				70	0	8
4/13/78	258	0.14			70	<4	7
5/8/79	254	0.15			68		<5

Cr,Tot.	Cond. (lab)	Cu,Tot.	Fluoride diss.	Hardness Tot.CaCO3	Fe,Tot.	Pb,Tot.	Mg,Tot.
		[illegible]			[illegible]		
					1.96		24.7
		[illegible]			[illegible]		
<.030		<.010			1.69	<.002	27
	600			292	1.8		26
					1.6		26
	470			286	1.8		26
0	460				1.7		30
<.030	400				1.6		27
<.030					1.54		26
					1.65		29
			0.40		1.55		23
0					2		24
					1.64		23
					1.55		24

Mn,Tot.	MBAS	Nitrate	Nitrate/ Nitrite	Nitrite	pH(lab)	Phenolics	Phosphate
0.1			<.10				
0.095			0.97	<.02		<.020	
0.1	0	0.0			7.5		
		0			7.6		0.0
		0.0			7.6		0.1
	0.19	0.0			8		0.0
	<.05	0.1			7.5		
	0.05	<.1					
	0	0					
0.09	0	0			7.6		
	0	0.05			7.7		
	<.05	<.05					
0.08	<.05	<.05					

P,Tot.	K,Tot.	Residue Tot.,Flt.	Na,Tot.	Sulfate	Temp.F (Field)	TOC
		(...)			(...)	
		338	9			ND
		(			(	
	2.1	340	8	53		<5
		337	13	37	54	
		329	12	30	54	0
		338	12	33	57	0
	1.4	336	13	34		0
	1.3	414	14	16	57	<1.0
		323	12	32	55	<1
		322	13	29		0
		324	12	40	54	
	1.4	328	12	36		7
		316	12	28		17.6
		324	12	24		—

OHIO EPA GC/GC-MS WATER SAMPLE ANALYSIS Date Received 86-08-27

Surface Water ___; Groundwater X; Approved ___ Laboratory Number 0343

District: SWDO ___; SEDO ___; NEDO ___; NWDO ___; CDO X.

Sample volume received: 2 vials Yes X; No ___; Quarts (Number) 2.

Sample Type: Screening ___; Compliance ___; Complaint ___; Survey X;
Litigation ___. WELL USE: Public ___; Industrial X;
Monitor ___; Private ___; Irrigation ___; Private Residential ___.

Sample Collector's Name Bruce Slore + Cindy Young

	Y Y	M M	D D	H H	M M
Sample Date/Sample Time :Begin	8 6	0 8	2 7	1 1	0 0
Sample Date/Sample Time :End					

Facility Name Ludlow Packaging
Facility NPDES # ___ Ohio Permit # ___

Well Owner ___ Well Depth/Aquifer ___
Well Owner Address ___
Well County/Township ___

Sample Location Description well #2, SW side of the Plant at the well head

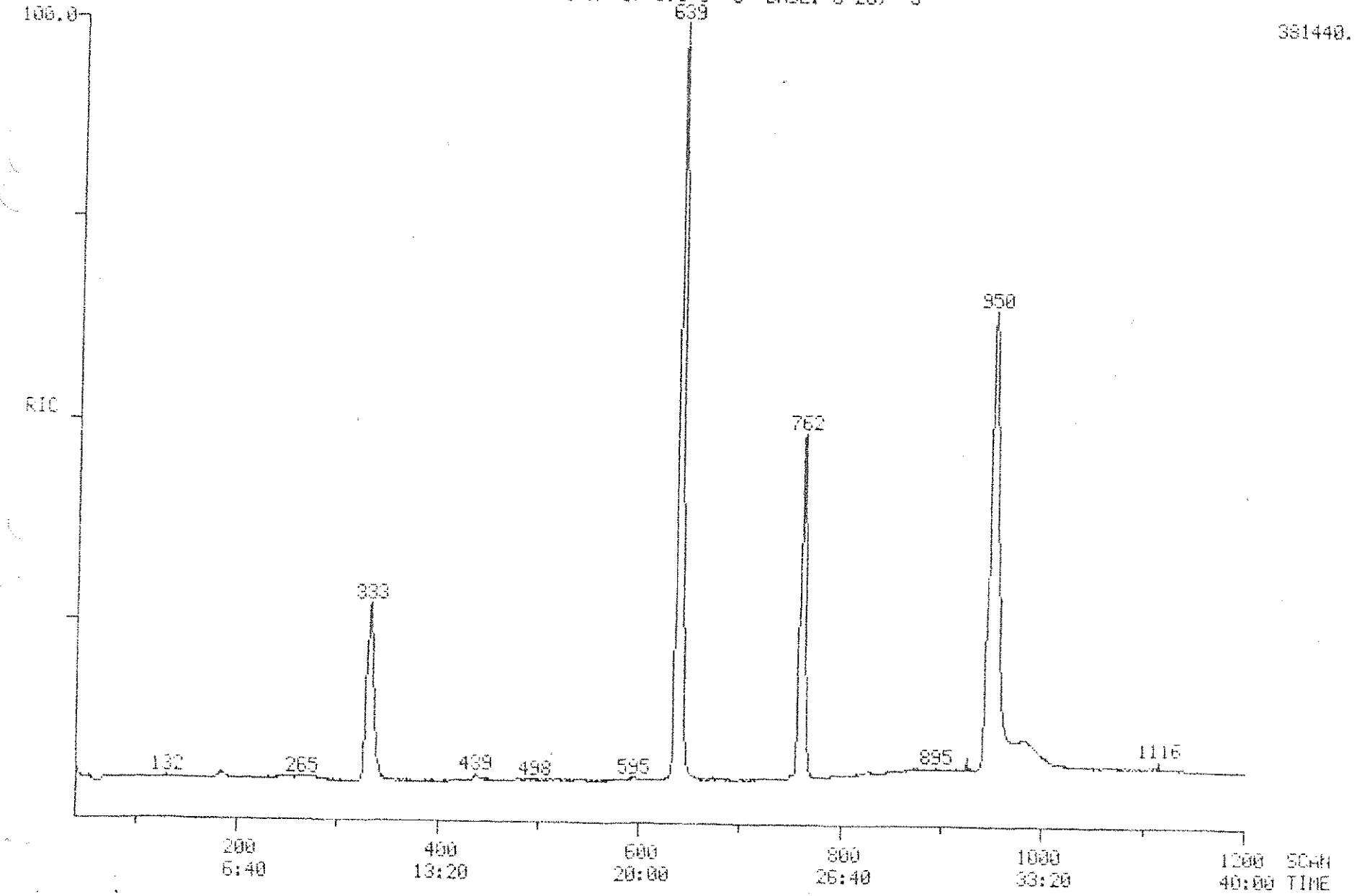
Receiving Stream (RM) ___
Latitude/Longitude ___
Outfall Number ___ Well Number ___

		(Date / Extracted	Analyzed)	File Number	Analyst
X	Volatiles	(	9-2-86)	09C2P343	Wahlfman
X	Acid Extractables	(	)		
X	Base Neutral Extractables	(	)		
	Pesticides	(	)		
	PCBs	(	)		
	Broad Scan	(	)		
	Parameter(s)				
		(	)		

Sample: Grab X; Discontinuous Composite ___; Continuous Composite ___; Proportional Composite ___.
Composite Sample Information: Volume/Frequency/Duration

Comments on back: Yes ___; No X. Bioassay Sample Submitted: Yes ___; No ___.

RIC
09/02/86 10:21:00
DATA: 0902P343 #1 SCANS 40 TO 1200
CALI: 0902P343 #3
SAMPLE: PURGE 0343 LUDLOW PACKAGING WELL #2 * 50UG/L INT
CONDS.: 51(7)>8>220 THRU P&T ONTO 12 SP1000 ON CARBOPACK-B
RANGE: G 1,1200 LABEL: N 0, 4.0 QUAN: A 0, 1.0 J 0 BASE: U 20, 3



Quantitation Report 0902P343

Data: 0902P343 TI
09/02/86 10:21:00
Sample: PURGE 0343 LUDLOW PACKAGING WELL #2 * 50UG/L INT
Conds.: 51(7)>8>220 THRU P&T ONTO 1% SP1000 ON CARBOPACK-B
Submitted by: SLANE Analyst: WARTHMAN

AMOUNT=AREA * REF AMNT/(REF AREA * RESP FACT)
Resp. fac. from Library Entry

NO	NAME			
1	INTERNAL STD		* 1*	2-BROMO-1-CHLOROPROPANE
2	CAS	74-87-3	* 2*	CHLOROMETHANE
3	CAS	74-83-9	* 3*	BROMOMETHANE
4	CAS	75-01-4	* 4*	VINYL CHLORIDE
5	CAS	75-00-3	* 5*	CHLOROETHANE
6	CAS	75-09-2	* 6*	METHYLENE CHLORIDE 1.806
7	CAS	75-35-4	* 7*	1,1-DICHLOROETHENE
8	SURROGATE STD		* 8*	BROMOCHLOROMETHANE
9	CAS	75-34-3	* 9*	1,1-DICHLOROETHANE
10	CAS	156-60-5	*10*	TRANS-1,2-DICHLOROETHENE
11	CAS	67-66-3	*11*	CHLOROFORM
12	CAS	107-06-2	*12*	1,2-DICHLOROETHANE
13	CAS	71-55-6	*13*	1,1,1-TRICHLOETHANE
14	CAS	56-23-5	*14*	CARBON TETRACHLORIDE
15	CAS	75-27-4	*15*	BROMODICHLOROMETHANE
16	CAS	78-87-5	*16*	1,2-DICHLOROPROPANE
17	CAS	10061-02-6	*17*	TRANS-1,3-DICHLOROPROPENE
18	CAS	79-01-6	*18*	TRICHLOROETHENE
19	CAS	71-43-2	*19*	BENZENE
20	CAS	124-48-1	*20*	DIBROMOCHLOROMETHANE
21	CAS	79-00-5	*21*	1,1,2-TRICHLOROETHANE
22	CAS	10061-01-5	*22*	CIS-1,3-DICHLOROPROPENE
23	CAS	106-93-4	*23*	1,2-DIBROMOETHANE (EDB) 0.244
24	SURROGATE STD		*24*	FLUOROBENZENE
25	CAS	75-25-2	*25*	BROMOFORM
26	CAS	79-34-5	*26*	1,1,2,2,-TETRACHLOROETHANE 0.561
27	CAS	127-18-4	*27*	TETRACHLOROETHENE
28	SURROGATE STD		*28*	1,4-DICHLOROBUTANE
29	CAS	108-88-3	*29*	TOLUENE 0.137
30	CAS	108-90-7	*30*	CHLOROBENZENE
31	CAS	100-41-4	*31*	ETHYLBENZENE
32	SURROGATE STD		*32*	4-BROMOFLUOROBENZENE

09028343

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
1	77	639	21.18	1	1.000	A BB	405016.	50.000 UG/L	19.46
2	NOT FOUND								
3	NOT FOUND								
4	NOT FOUND								
5	NOT FOUND								
6	49	185	6.10	1	0.290	A BB	9144.	1.806 UG/L	0.70
7	NOT FOUND								
8	49	333	11.06	1	0.521	A BB	242181.	50.200 UG/L	19.54
9	NOT FOUND								
10	NOT FOUND								
11	NOT FOUND								
12	NOT FOUND								
13	NOT FOUND								
14	NOT FOUND								
15	NOT FOUND								
16	NOT FOUND								
17	NOT FOUND								
18	NOT FOUND								
19	NOT FOUND								
20	NOT FOUND								
21	NOT FOUND								
22	NOT FOUND								
23	107	630	21.00	1	0.786	A BV	3616.	0.244 UG/L	0.09
24	96	639	21.18	1	1.000	A BB	609432.	52.186 UG/L	20.31
25	NOT FOUND								
26	83	752	25.04	1	1.177	A BB	3833.	0.561 UG/L	0.22
27	NOT FOUND								
28	55	762	25.24	1	1.192	A BB	455434.	50.819 UG/L	19.78
29	91	794	26.28	1	1.243	A BB	1981.	0.137 UG/L	0.05
30	NOT FOUND								
31	NOT FOUND								
32	95	950	31.40	1	1.487	A BB	438247.	51.028 UG/L	19.86

probable carryover contam.

Ohio EPA
State of Ohio Environmental Protection Agency
Central District Office

Street Address:
2305 Westbrooke Drive, Building C
Columbus, Ohio 43228
614-771-7505 FAX 614-771-7571

Mailing Address:
P.O. Box 2198
Columbus, Ohio 43266-2198

George V. Voinovich
Governor

May 2, 1991

Haydee Hetrick
American National Can Co.
West Madison St.
Mt. Vernon, Ohio 43050

Dear Ms. Hetrick:

Enclosed are the results of the water sample collected from well #4 by Ohio EPA for the ambient monitoring network. If you have any questions I can be contacted at (614) 771-7505.

Sincerely,

Linnea Saukko
Unit Supervisor
Central District Office
Division of Ground Water

LS/jh
hetrick

Printed on recycled paper

OhioEPA Division of Water Quality Monitoring and Assessment

Analytical Chemistry Laboratory Sample Submission and Chain of Custody Report

Date Received (Year / Month / Day): 91 / 03 / 28

Collected by: Saukko

Ohio EPA Districts: ☐ NEDO ☐ SWDO ☐ CO ☐ SEDO ☐ NWDO ☒ COU

Date of grab sample: 91 / 03 / 28

Laboratory Number(s): 04357, 04442

Beginning and End Date of Composite Sample:

Station(s): AMERICAN NATIONAL CAN CO - MT VERNON - WELL #4

Sample Type(s): ☐ Compliance ☒ Ambient ☐ Water Quality Survey ☐ Complaint ☐ Legal Action

Additional Information:

Condition of Container of Transfer: ____ Locked or Tamper Proof ___X___ Unlocked or Not Tamper Proof

Number of Samples (Containers/Sites/Parameters): 1

		MILITARY TIME Year	Month	Day	Hour	Minute
Received from	Jennifer Saukko	91	03	28	15	25
Received by	[illegible]	91	03	28	[illegible]	[illegible]
Received from						
Received by						
Received from						
Received by						
Received from						
Received by						

EPA 4705 ® 4

Distribution
White — Originator
Canary — Laboratory

ORGANIC SAMPLE SUBMISSION FORM

Lab Number 04587
Date Received 91-03-28

Sample collected by Saukko Affiliation
Division GROUND WATER District CDO Other

Report Results to STEIN (if other than collector)
Bill to DGW (if other than division indicated above)

Date & Time of Sample YY MM DD HH MM

Sample Location Well #4 Begin: 91 0328
Facility Name AMERICAN NATIONAL CAN Co. End:

Receiving Stream Outfall No.

Well Owner AMERICAN NAT. CAN Address West MADISON ST., MT VERNON
Well County / Township KNOX /

Sample Type: Aqueous X Sediment Tissue Oil
Air canister Air filter Other

Other Info: Rush Approved by
Litigation Complaint Compliance
Survey Ambient X Other

Well Use: Industrial X Public Private
Cooling WATER (NON CONTACT)

Sample Volume Submitted: # Vials 2 # Liter Jars 2 Other

Analyses Requested:	Date Analyzed	Date Reported	Analyst
X Volatile Organic Compounds (VOCs)	91-04-01	91-04-18	Miller
X Non-Priority Pollutants for VOCs (up to 20 peaks)	no significant	compounds found	
X Base-Neutral & Acid Extractables (BNAs)	91-04-11		Warthman
X Non-Priority Pollutants for BNAs (up to 20 peaks)	"		"
Pesticides			
Polychlorinated biphenyls (PCBs)			
Other			

Extractables taken by:
Grab X Composite Composite Info (Vol/Freq/Duration)

Volatiles Preserved with: HCL X Ascorbic Acid

Bioassay Sample Submitted: Yes No X

Comments on back: Yes No X

RECEIVED
APR 26 1991
OHIO EPA/CDO

HIO EPA * GC/MS ANALYSIS REPORT
ACID AND BASE-NEUTRAL EXTRACTABLES

Sample:	O4587	Matrix:	Water
Date Collected:	03/28/91	Collected by:	Saukko
Date Extracted:	04/04/91	Extracted by:	Naiyer
Date Analyzed:	04/11/91	Analyst:	Warthman
Date QC Approved:	4/18/91	QC Approved by:	T. Rosanno

No.	Cas #	Name of Compound	Conc. (ug/l)	MDL (ug/l)	CORR.MDL (ug/l)
3	95-57-8	2-Chlorophenol	ND	2.0	2.1
5	108-95-2	Phenol	ND	2.0	2.1
6	111-44-4	Bis(2-Chloroethyl) Ether	ND	2.0	2.1
7	541-73-1	1,3-Dichlorobenzene	ND	2.0	2.1
9	106-46-7	1,4-Dichlorobenzene	ND	2.0	2.1
10	95-50-1	1,2-Dichlorobenzene	ND	2.0	2.1
11	108-60-1	Bis(2-Chloroisopropyl) Ether	ND	2.0	2.1
12	67-72-1	Hexachloroethane	ND	5.0	5.2
13	621-64-7	N-Nitroso-N-Propylamine	ND	2.0	2.1
15	98-95-3	Nitrobenzene	ND	2.0	2.1
16	78-59-1	Isophorone	ND	2.0	2.1
17	88-75-5	2-Nitrophenol	ND	2.0	2.1
18	105-67-9	2,4-Dimethylphenol	ND	10.0	10.3
19	111-91-1	Bis(2-Chloroethoxy) Methane	ND	5.0	5.2
20	120-83-2	2,4-Dichlorophenol	ND	2.0	2.1
21	120-82-1	1,2,4-Trichlorobenzene	ND	2.0	2.1
22	91-20-3	Naphthalene	ND	2.0	2.1
23	87-68-3	Hexachlorobutadiene	ND	2.0	2.1
25	59-50-7	4-Chloro-3-Methyl Phenol	ND	10.0	10.3
26	77-47-4	Hexachloropentadiene	ND	2.0	2.1
28	88-06-2	2,4,6-Trichlorophenol	ND	5.0	5.2
29	91-58-7	2-Chloronaphthalene	ND	5.0	5.2
30	208-96-8	Acenaphthalene	ND	5.0	5.2
31	131-11-3	Dimethyl Phthalate	ND	5.0	5.2
32	606-20-2	2,6-Dinitrotoluene	ND	2.0	2.1
34	83-32-9	Acenaphthene	ND	5.0	5.2
35	51-28-5	2,4-Dinitrophenol	ND	20.0	20.6
36	121-14-2	2,4-Dinitrotoluene	ND	2.0	2.1

COMMENTS:

OHIO EPA * GC/MS ANALYSIS REPORT
ACID AND BASE-NEUTRAL EXTRACTABLES
PAGE 2 SAMPLE: O4587

No.	Cas #	Name of Compound	Conc. (ug/l)	MDL (ug/l)	CORR.MDL (ug/l)
37	100-02-7	4-Nitrophenol	ND	20.0	20.6
38	86-73-7	Fluorene	ND	2.0	2.1
39	7005-72-3	4-Chlorophenyl Phenyl Ether	ND	2.0	2.1
40	84-66-2	Diethyl Phthalate	ND	5.0	5.2
41	534-52-1	2-Methyl-4,6-Dinitrophenol	ND	5.0	5.2
42	86-30-6	N-Nitrosodiphenyl Amine	ND	5.0	5.2
44	101-55-3	4-Bromophenyl Phenyl Ether	ND	5.0	5.2
45	118-74-1	Hexachlorobenzene	ND	2.0	2.1
46	87-86-5	Pentachlorophenol	ND	10.0	10.3
47	85-01-8	Phenanthrene	ND	2.0	2.1
48	120-12-7	Anthracene	ND	2.0	2.1
49	84-74-2	Di-N-Butyl Phthalate	ND	5.0	5.2
50	206-44-0	Fluoranthene	ND	2.0	2.1
52	129-00-0	Pyrene	ND	2.0	2.1
54	85-68-7	Benzylbutyl Phthalate	ND	2.0	2.1
55	56-55-3	Benzo (A) Anthracene	ND	2.0	2.1
57	218-01-9	Chrysene	ND	2.0	2.1
58	117-81-7	Bis(2-Ethylhexyl) Phthalate	ND	10.0	10.3
59	117-84-0	Di-N-Octyl Phthalate	ND	2.0	2.1
60	207-08-9	Benzo (K) Fluoranthere	ND	2.0	2.1
61	205-99-2	Benzo (B) Fluoranthene	ND	2.0	2.1
62	50-32-8	Benzo (A) Pyrene	ND	2.0	2.1
63	193-39-5	Indeno (1,2,3-CD) Pyrene	ND	2.0	2.1
64	53-70-3	Dibenzo (A,H) Anthracene	ND	2.0	2.1
65	191-24-2	Benzo (G,H,I) Perylene	ND	2.0	2.1

Explanation of terms:

Cas. No.	American Chemical Society Registry Number
Conc.	Concentration in ug/l
ND	Compound not detected or less than Corr. MDL
MDL	Method Detection Limit for compound
Corr. MDL	Method Detection Limit taking into account sample volume, final extract volume, and dilutions

SEMIVOLATILE ORGANIC ANALYSIS DATA * TENTATIVELY IDENTIFIED NON-PRIORITY POLLUTANTS

SAMPLE: O4587

NO	CAS #	Name of Compound	Conc. ug/l
		No significant compounds found.	

Notes: Non-priority pollutant compounds are listed for the 20 most prominant compounds. Additional compounds may be present if all 20 are listed.

Names listed represent the best fit as determined by library identification by computer. The name listed is not necessarily the name of the actual compound.

Where less than 20 compounds are listed, no additional compounds were found.

Cas No. is the American Chemical Society registry number for the compound.

OHIO EPA
VOLATILE ORGANIC COMPOUND RESULTS

SAMPLE # : 04587 Well # 4
DATE COLLECTED: 03/28/91
DATE ANALYZED : 04/01/91
METHOD : 601/602
DATE APPROVED : 4/15/91

COLLECTED BY: Saukko
ANALYZED BY : K.Miller
MATRIX : Water
APPROVED BY : T. Rosanna

CAS.NO.	COMPOUND	CONC. ug/l	MDL ug/l	DL ug/l
71-43-2	Benzene	<DL	0.50	0.50
108-86-1	Bromobenzene	<DL	0.50	0.50
74-97-5	Bromochloromethane	<DL	0.50	0.50
75-27-4	Bromodichloromethane	<DL	0.50	0.50
75-25-2	Bromoform	<DL	0.50	0.50
74-83-9	Bromomethane	<DL	0.50	0.50
104-51-8	N-Butylbenzene	<DL	0.50	0.50
135-98-8	Sec-Butylbenzene	<DL	0.50	0.50
98-06-6	Tetr-Butylbenzene	<DL	0.50	0.50
56-23-5	Carbon Tetrachloride	<DL	0.50	0.50
108-90-7	Chlorobenzene	<DL	0.50	0.50
75-00-3	Chloroethane	<DL	0.50	0.50
67-66-3	Chloroform	<DL	0.50	0.50
74-87-3	Chloromethane	<DL	0.50	0.50
95-49-8	2-Chlorotoluene	<DL	0.50	0.50
106-43-4	4-Chlorotoluene	<DL	0.50	0.50
124-48-1	Dibromochloromethane	<DL	0.50	0.50
96-12-8	1,2-Dibromo-3-Chloropropane	<DL	0.50	0.50
106-93-4	1,2-Dibromoethane	<DL	0.50	0.50
74-95-3	Dibromomethane	<DL	0.50	0.50
95-50-1	1,2-Dichlorobenzene	<DL	0.50	0.50
541-73-1	1,3-Dichlorobenzene	<DL	0.50	0.50
106-46-7	1,4-Dichlorobenzene	<DL	0.50	0.50
75-71-8	Dichlorodifluoromethane	<DL	0.50	0.50
75-34-3	1,1-Dichloroethane	<DL	0.50	0.50
107-06-2	1,2-Dichloroethane	<DL	0.50	0.50
75-35-4	1,1-Dichloroethene	<DL	0.50	0.50
156-59-4	Cis-1,2-Dichloroethene	<DL	0.50	0.50
156-60-5	Trans-1,2-Dichloroethene	<DL	0.50	0.50
78-87-5	1,2-Dichloropropane	<DL	0.50	0.50
142-28-9	1,3-Dichloropropane	<DL	0.50	0.50
590-20-7	2,2-Dichloropropane	<DL	0.50	0.50
563-58-6	1,1-Dichloropropene	<DL	0.50	0.50
100-41-4	Ethylbenzene	<DL	0.50	0.50
87-68-3	Hexachlorobutadiene	<DL	0.50	0.50

OhioEPA GROUND WATER

RECEIVED MAY 01 1991 OHIO EPA/CDO

Conventional Parameters Analysis

WATER QUALITY LABORATORY CHEMICAL REPORT FORM

Station ID# _____

Date Received 110328 Date Approved 110430 Approved by: _____ Lab Number 43142

Station AMERICAN NATIONAL CAN CO Well #4
WEST MADISON ST MT VERNON, OH 43050

Sample Use: ☑ Monthly ☐ Litigation ☐ WQM ☐ Complaint ☐ B-WQ Survey ☐ Compliance AMBIENT

Sample Type: ☑ Grab ☐ Composite ☐ Sediment ☐ SC

Sample Collected by SAUKKO

Date & Time of Sample Begin 91 / 03 / 28 (YY MM DD) (HHMM)

End

Report Analysis to STEIN

Bill to: DGW

☐ CO ☐ NEDO ☐ NWDO ☐ SEDO ☐ SWDO ☑ CDO ☐ WQM Frequency & Duration of Composite Sample _____

FIELD MEASUREMENTS	PARAMETER	STORET CODE	RESULTS	DATE ANALYZED	ANALYST	SEDIMENT mg/kg
☐	Chlorine, Total Resd., mg/l	P50060,				
☐	Conductivity, umhos/cm	P94,				
☐	Dissolved Oxygen, mg/l	P299,				
☐	Flow, CFS	P61,				
☐	pH, SU	P400,				
☐	Temperature, Water, °C	P10,				
☐	Gage Height, ft.	P65,				
☐						

LABORATORY MEASUREMENTS	PARAMETER	STORET CODE	RESULTS	DATE ANALYZED	ANALYST	SEDIMENT mg/kg
☐	Arsenic, Total As, ug/l	P1002,	10	4-1	DS	
☐	Cadmium, Total Cd, ug/l	P1027,	<0.2	4-11	DS	
☑	Calcium, Total Ca, mg/l	P916,	76	4-9	AK	
☐	~~Chromium Diss, Hex Cr ug/l~~	P1220,				
☑	Chromium, Total Cr, ug/l	P1034,	<30	4-9	AK	
☑	Copper, Total Cu, ug/l	P1042,	<10	4-9	AK	
☑	Iron, Total Fe, ug/l	P1045,	1690	4-9	AK	
☑	Lead, Total Pb, ug/l	P1051,	<20	4-4	DS	
☑	Magnesium, Total Mg, mg/l	P927,	27	4-9	AK	
☑	Manganese, Total Mn, ug/l	P1055,	85	4-9	AK	
☑	Mercury, Total Hg, ug/l	P71900,	N/A			
☑	Nickel, Total Ni, ug/l	P1067,	<40	4-9	AK	
☑	Potassium, Total K, mg/l	P937,	2.1	4-25	RWS	
☐	Selenium, Total Se, ug /l	P1147,	<20	4-2	DS	12-18
☐	Sodium, Total Na, mg/l	P929,	8	4-25	RWS	
☑	Zinc, Total, ug/l	P1092,	<5	4-9	AK	
☐	Hardness, Total $CaCO_3$, mg/l	P900,				
☐						
☐						
☐						

LABORATORY MEASUREMENTS	PARAMETER	STORET CODE	RESULTS	DATE ANALYZED	ANALYST	SEDIMENT mg/kg
☐	Acidity, Total $CaCO_3$, mg/l	P70508,				
☐	Alkalinity, Total $CaCO_3$, mg/l	P410,				
☐	BOD, 5-day, mg/l	P310,				
☐	cBOD, 5 day, mg/l	P80082,				
☐	BOD, 20 day, mg/l	P324,				
☐	cBOD, 20 day, mg/l	P80087,				
☐	Carbon, Total Org, mg/l	P680,	<5	4-5	SM	
☑	COD, mg/l	P335,	<10	4-2	MS	
☑	Chloride, Cl, mg/l	P940,	10	4-9	MH	
☐	Conductivity at 25° C, umhos/cm	P95,				
☐	Cyanide, Total, ug/l	P720,				
☑	Nitrate-Nitrite, as N, mg/l	P630,	1.93	4-3	RH	
☑	Nitrite, as N, mg/l	P615,	<0.02	4-29	MH	
☑	Nitrogen, Ammonia as N, mg/l	P610,	<.44	4-3	RH	
☐	~~Nitrogen, Total Kjeldahl, mg/l~~	P625,				
☐	Oil and Grease, mg/l	P556,				
☐	pH, SU	P403,				
☑	Phenolics, ug/l	P32730,	<30	4-3	MS	
☐	Phosphorus, Total, mg/l	P665,				
☐	Residue, Total, mg/l	P500,				
☑	Residue, Total Flt, mg/l	P70300,	240	4-1	ES	
☐	Residue, Total N/flt, mg/l	P530,				
☑	Sulfate, SO_4, mg/l	P945,	53	4-2	MH	
☐	Nitrate (WQM use only)	P620,				
☐	Fecal Coliform, MF, #/100 ml	P31616,				
☐	Total Coliform, MF, #/100 ml	P31501,				
☐						
☐						
☐						

PRESERVATIVES

☐ NaOH ☑ HNO_3 ☐ N/P ☑ H_2SO_4, nutrients ☑ H_2SO_4, phenolics ☐ H_2SO_4, oil and grease ☐ Other ☐ Filtered

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ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF SURVEILLANCE
GROUND WATER

118

REPORT OF WATER ANALYSIS

Project	Continental Can Co. Well #7				Analyzed by ODH			
Location	Mt Vernon, Knox Co. Ohio							
Well Data	96' Deep, Sand & gravel, 20' of screen							
Station No.								
Date	7-5-23	11-29-23	6-11-24	11-5-24	6-26-25	9-18-25	10-29-26	5-10-27
Sp. Cond.	600		470	460	400			
Dis. Solids	337	325		336	414	323	322	324
Tot. Hard.	292	* 348	286	* 338	* 313	* 237	* 294	* 272
Noncarb. Hard.	* 24	* 83	* 91	* 63	* 51	* 0	* 30	* 9
pH	7.5	7.6	7.6	8.0	7.5			7.6
Calcium	85	96	87	86	81	52	70	71
Magnesium	26	26	26	30	27	26	29	23
Sodium	13	12	12	13	14	12	13	12
Potassium	1.9			1.4	1.3			
Bicarbonate								
Carbonate								
Sulfate	37	30	33	34	16	32	29	40
Chloride	8	8	7	7	8	7	5	5
Fluoride	.39	.42	.38	.41				
Nitrate	0	0	0	0	.1	<.1	0	0
Phosphate								
Barium				.3	.3	.3	0.2	.2
Aluminum								
Iron	1.8	1.6	1.8	1.7	1.6	1.54	1.65	1.55
Manganese	.1							.09
Chromium				0	<.03	<.03		
Lead								
Nickel								
Zinc								
Dis. Oxygen								
BOD								
COD	0	0	4	0	8	8	8	0
TOC				0	<1	<1	0	
MBAS	0	0	0	.19	.05	.05	0	0
Phenol								

OHIO ENVIRONMENTAL PROTECTION AGENCY

GROUND WATER

REPORT OF WATER ANALYSIS

Project	NETWORK WELL - MT. VERNON			ANALYZED BY ODH				
Location	WASHINGTON ST. W OF MARION ST.			MOUNT VERNON, OHIO KNOX COUNTY				
Well Data	CONTINENTAL CAN CO. WELL #7			TD - 96' WBF - S&G				
Station No.								
Date	10-20-77	4-13-78	5-8-79	8-27-86				
Sp. Cond.								
Dis. Solids	328	316	324	338				
Tot. Hard.	* 273	* 270	* 269	* 287				
Noncarb. Hard.	* 11	* 12	* 15	* 38				
pH	7.7			7.35				
Calcium	70	70	68	74.1				
Magnesium	24	23	24	24.9				
Sodium	12	12	12	9				
Potassium	1.4							
Bicarbonate/alk			254	249				
Carbonate								
Sulfate	36	28	24	L. Acc.				
Chloride	8	7	<5	L Acc.				
Fluoride								
Nitrate	0.05	< 0.05	<0.05	<0.10				
Phosphate								
NITROGEN AMMONIA		0.14	0.15	0.11				
Aluminum								
Iron	2.0	1.64	1.55	1.86				
Manganese		0.1	0.08	0.1				
Chromium	0							
Lead								
Nickel								
Zinc								
BARIUM	0.2							
Dis. Oxygen								
BOD								
COD	0	< 4	4	32				
TOC	7	17.6		N.D.				
MBAS	0	< 0.05	<0.05	N.D.				
Phenol								

Date Received

Date Reported 8-3-73

DEPARTMENT OF HEALTH
WATER QUALITY DATA

Laboratory

Laboratory Number

Analyst K H

Station: Mt Vernon Network Well

Station Code

County: Knox

Collected by: Dave Jones/Ronnie [illegible]

Identification of Sample: Continental Gas Well #2

Sample Code

Date of grab sample (or last date of composite sample): Year 0 Month 0 Day 0 Hour Minute

Composite Type

Sample Types: ☐ Industrial ☐ Sewage ☐ Water Supply ☐ Stream

Beginning Date of Composite Sample: Year Month Day Hour Minute C

Frequency

Analysis to be Reported to: ☐ CO ☐ SEDO ☐ NEDO ☐ SWDO ☐ NWDO

REASON FOR TAKING SAMPLE – ADDITIONAL INFORMATION – REMARKS BY ANALYST:

☒ Ground-Water

	(or indicate by checking boxes)		
☐ Regular			
☐ Flow			CFS
☒ Water Temperature, Field	54.		F°
☐ pH, Field			S. U.
☐ Dissolved Oxygen, Field			mg/l
☐ Hydrogen Sulfide, Field			mg/l
☐ Chlorine Free Avl, Field			mg/l
☐ Chlorine Tot Resd, Field			mg/l
☐ Color			Pt-Co Units
☐ Odor			T. N.
☐ Turbidity			J. U.
☒ Conductivity at 25 C°	600.		Micromhos
☒ pH, Lab	7.5		S. U.
☐ pH, $CaCO_3$ Stability			S. U.
☒ Alkalinity Total, $CaCO_3$	268.		mg/l
☐ Alkalinity Phth, $CaCO_3$			mg/l
☐ Alkalinity, $CaCO_3$ Stabl			mg/l
☐ Carbon Dioxide, CO_2			mg/l
☐ Acidity Total, $CaCO_3$			mg/l
☐ Acidity M.O., $CaCO_3$			mg/l
☐ Hardness Total, $CaCO_3$	202.		mg/l
☐ Residue, Total			mg/l
☐ Residue, Total Volatile			mg/l
☐ Residue, Total Nflt (Sus)			mg/l
☐ Residue, Vol Nflt			mg/l
☐ Residue, Total Flt (Diss)	357.		mg/l
☐ Residue, Vol Flt			mg/l
☐ Residue, Settlable			mg/l
☐ Nitrogen Organic, N			mg/l
☐ Nitrogen Ammonia, N			mg/l
☐ Nitrite, N			mg/l
☒ Nitrate, N	00.		mg/l
☐ Phosphorus Total, P			mg/l
☐ Phosphorus Soluble, P			mg/l
☐ Phosphate Total, PO_4			mg/l
☐ Phosphate Ortho, PO_4			mg/l
☐ Sulfate, SO_4	37.		mg/l
☐ Sulfite, SO_3			mg/l
☐ Sulfide, S			mg/l
☐ Chloride, Cl			mg/l

☒ Fluoride Diss, F	0.30	mg/l
☒ Calcium Total, Ca	85.	mg/l
☒ Magnesium Total, Mg	26.	mg/l
☒ Potassium Total, K	1.0	mg/l
☒ Sodium Total, Na	13.	mg/l
☐ Aluminum Total, Al		ug/l
☐ Antimony Total, Sb		ug/l
☐ Arsenic Total, As		ug/l
☐ Barium Total, Ba		ug/l
☐ Beryllium Total, Be		ug/l
☐ Bismuth Total, Bi		ug/l
☐ Boron Total, B		ug/l
☐ Cadmium Total, Cd		ug/l
☐ Chromium Total, Cr		ug/l
☐ Chromium Hex, Cr		ug/l
☐ Cobalt Total, Co		ug/l
☐ Copper Total, Cu		ug/l
☒ Iron Total, Fe	1800.	ug/l
☐ Iron Diss, Fe		ug/l
☐ Iron Ferrous, Fe		ug/l
☐ Lead Total, Pb		ug/l
☐ Lithium Total, Li		ug/l
☒ Manganese Total, Mn	100.	ug/l
☐ Mercury Total, Hg		ug/l
☐ Molybdenum Total, Mo		ug/l
☐ Nickel Total, Ni		ug/l
☐ Selenium Total, Se		ug/l
☐ Silver Total, Ag		ug/l
☐ Strontium Total, Sr		ug/l
☐ Thallium Total, Tl		ug/l
☐ Tin Total, Sn		ug/l
☐ Titanium Total, Ti		ug/l
☐ Tungsten Total, T		ug/l
☐ Vanadium Total, V		ug/l
☐ Zinc Total, Zn		ug/l
☐ Zirconium Total, Zr		ug/l
☐ BOD, 5-Day		mg/l
☒ COD		mg/l
☐ Chlorine Demand, 15 min		mg/l
☐ Carbon Total Org, C		mg/l

☐ Cyanide, CN		mg/l
☒ MBAS	0.00	mg/l
☐ Oil-Grease, Total		mg/l
☐ Phenols		ug/l
☐ Tannin Lignin		mg/l
☐ Aldrin, Whl Smpl		ug/l
☐ DDD, Whl Smpl		ug/l
☐ DDE, Whl Smpl		ug/l
☐ DDT, Whl Smpl		ug/l
☐ Dieldrin, Whl Smpl		ug/l
☐ Chlordane, Whl Smpl		ug/l
☐ Endrin, Whl Smpl		mg/l
☐ Heptachlor, Whl Smpl		ug/l
☐ Hptlr-Epoxide, Whl Smpl		ug/l
☐ Lindane, Whl Smpl		ug/l
☐ Methoxychlor, Whl Smpl		ug/l
☐ Malathion, Whl Smpl		ug/l
☐ Parathion, Whl Smpl		ug/l
☐ Methyl Parathn, Whl Smpl		ug/l
☐ Beta, Total		pc/l
☐ Beta, Diss		pc/l
☐ Beta, Suspd		pc/l
☐ Alpha, Total		pc/l
☐ Alpha, Diss		pc/l
☐ Alpha, Suspd		pc/l
☐ Radium 226, Total		pc/l
☐ Strontium 90, Total		pc/l
☐ Coliform Total, MF		#/100ml
☐ Coliform Total MPN, Conf		#/100ml
☐ Fecal Coli Total, MF		#/100ml
☐ Fecal Strep Total, MF		#/100ml
☐ Plate Count, Total		#/ml
☐ Algae, Total		#/ml
☒ Gas Contd		
☐ hardness		

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6.10

Date Received 11-30-73

Date Reported 12-28-73

DEPARTMENT OF HEALTH
WATER QUALITY DATA

Laboratory

Laboratory Number 2125

Analyst AB

Station: NETWORK WELL - MT. VERNON

Station Code

County: KNOX

Collected by: D. JOYE / J. NOYES

Identification of Sample: CONTINENTAL CAN # 7

Sample Code

Date of grab sample (or last date of composite sample): Year 73 Month 11 Day 29 Hour Minute

Composite Type

Sample Types: ☐ Industrial ☐ Sewage ☐ Water Supply ☐ Stream

Beginning Date of Composite Sample: Year Month Day Hour Minute

Frequency

Analysis to be Reported to: ☒ MCO ☐ SEDO ☐ NEDO ☐ SWDO ☐ NWDO

REASON FOR TAKING SAMPLE – ADDITIONAL INFORMATION – REMARKS BY ANALYST:

☒ GROUND-WATER ☒ ANALYSIS TO RUSS STEIN - OEPA 1030 KING AVE.

☐ Regular (or indicate by checking boxes)

☐ Flow		CFS
☒ Water Temperature, Field	54.0	°F
☐ pH, Field		S. U.
☐ Dissolved Oxygen, Field		mg/l
☐ Hydrogen Sulfide, Field		mg/l
☐ Chlorine Free Avl, Field		mg/l
☐ Chlorine Tot Resd, Field		mg/l
☐ Color		Pt-Co Units
☐ Odor		T. N.
☐ Turbidity		J. U.
☐ Conductivity at 25 C°		Micromhos
☒ pH, Lab	7.6	S. U.
☐ pH, $CaCO_3$ Stability		S. U.
☒ Alkalinity Total, $CaCO_3$	256	mg/l
☐ Alkalinity Phth, $CaCO_3$		mg/l
☐ Alkalinity, $CaCO_3$ Stabl		mg/l
☐ Carbon Dioxide, CO_2		mg/l
☐ Acidity Total, $CaCO_3$		mg/l
☐ Acidity M.O., $CaCO_3$		mg/l
☐ Hardness Total, $CaCO_3$		mg/l
☐ Residue, Total		mg/l
☐ Residue, Total Volatile		mg/l
☐ Residue, Total Nflt (Sus)		mg/l
☐ Residue, Vol Nflt		mg/l
☒ Residue, Total Flt (Diss)	325	mg/l
☐ Residue, Vol Flt		mg/l
☐ Residue, Settlable		mg/l
☐ Nitrogen Organic, N		mg/l
☒ Nitrogen Ammonia, N	0	mg/l
☐ Nitrite, N		mg/l
☒ Nitrate, N	0	mg/l
☐ Phosphorus Total, P		mg/l
☐ Phosphorus Soluble, P		mg/l
☒ Phosphate Total, PO_4	0.0	mg/l
☐ Phosphate Ortho, PO_4		mg/l
☐ Sulfate, SO_4	30	mg/l
☐ Sulfite, SO_3		mg/l
☐ Sulfide, S		mg/l
☐ Chloride, Cl	8	mg/l

☒ Fluoride Diss, F	0.62	mg/l
☒ Calcium Total, Ca	96	mg/l
☒ Magnesium Total, Mg	26	mg/l
☐ Potassium Total, K		mg/l
☒ Sodium Total, Na	12	mg/l
☐ Aluminum Total, Al		ug/l
☐ Antimony Total, Sb		ug/l
☐ Arsenic Total, As		ug/l
☐ Barium Total, Ba		ug/l
☐ Beryllium Total, Be		ug/l
☐ Bismuth Total, Bi		ug/l
☐ Boron Total, B		ug/l
☐ Cadmium Total, Cd		ug/l
☐ Chromium Total, Cr		ug/l
☐ Chromium Hex, Cr		ug/l
☐ Cobalt Total, Co		ug/l
☐ Copper Total, Cu		ug/l
☒ Iron Total, Fe	1600	ug/l
☐ Iron Diss, Fe		ug/l
☐ Iron Ferrous, Fe		ug/l
☐ Lead Total, Pb		ug/l
☐ Lithium Total, Li		ug/l
☐ Manganese Total, Mn		ug/l
☐ Mercury Total, Hg		ug/l
☐ Molybdenum Total, Mo		ug/l
☐ Nickel Total, Ni		ug/l
☐ Selenium Total, Se		ug/l
☐ Silver Total, Ag		ug/l
☐ Strontium Total, Sr		ug/l
☐ Thallium Total, Tl		ug/l
☐ Tin Total, Sn		ug/l
☐ Titanium Total, Ti		ug/l
☐ Tungsten Total, T		ug/l
☐ Vanadium Total, V		ug/l
☐ Zinc Total, Zn		ug/l
☐ Zirconium Total, Zr		ug/l
☐ BOD, 5-Day		mg/l
☒ COD	0	mg/l
☐ Chlorine Demand, 15 min		mg/l
☒ Carbon Total Org, C	0	mg/l

☐ Cyanide, CN	mg/l
☐ MBAS	mg/l
☐ Oil-Grease, Total	mg/l
☐ Phenols	ug/l
☐ Tannin Lignin	mg/l
☐ Aldrin, Whl Smpl	ug/l
☐ DDD, Whl Smpl	ug/l
☐ DDE, Whl Smpl	ug/l
☐ DDT, Whl Smpl	ug/l
☐ Dieldrin, Whl Smpl	ug/l
☐ Chlordane, Whl Smpl	ug/l
☐ Endrin, Whl Smpl	ug/l
☐ Heptachlor, Whl Smpl	ug/l
☐ Hcltr-Epoxide, Whl Smpl	ug/l
☐ Lindane, Whl Smpl	ug/l
☐ Methoxychlor, Whl Smpl	ug/l
☐ Malathion, Whl Smpl	ug/l
☐ Parathion, Whl Smpl	ug/l
☐ Methyl Parathn, Whl Smpl	ug/l
☐ Beta, Total	pc/l
☐ Beta, Diss	pc/l
☐ Beta, Suspd	pc/l
☐ Alpha, Total	pc/l
☐ Alpha, Diss	pc/l
☐ Alpha, Suspd	pc/l
☐ Radium 226, Total	pc/l
☐ Strontium 90, Total	pc/l
☐ Coliform Total, MF	#/100ml
☐ Coliform Total MPN, Conf	#/100ml
☐ Fecal Coli Total, MF	#/100ml
☐ Fecal Strep Total, MF	#/100ml
☐ Plate Count, Total	#/ml
☐ Algae, Total	#/ml
☐	
☐	
☐	
☐	
☐	
☐	
☐	

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DEPARTMENT OF HEALTH
WATER QUALITY DATA

Date Received: 6-12-74
Date Reported: 7-1-74
Laboratory:
Laboratory Number: 4603
Analyst: RM

Station: CONT. CAN. COZP.
Station Code:
County: KNOX
Collected by: D. SUDBURY

Identification of Sample: WELL - #7
Sample Code:
Date of grab sample (or last date of composite sample): Year 74 Month 06 Day 11 Hour 11 Minute 30
Composite Typ:

Sample Types: ☒ Industrial ☐ Sewage ☐ Water Supply ☐ Stream

Analysis to be Reported to: ☒ CO ☐ SEDO ☐ NEDO ☐ SWDO ☐ NWDO

Beginning Date of Composite Sample: Year Month Day Hour Minute C
Frequency:

REASON FOR TAKING SAMPLE - ADDITIONAL INFORMATION - REMARKS BY ANALYST:
GROUND-WATER
AMMONIA TO: R. STEIN - DEPT 402-B. SENECA COLS.

☐ Regular (or indicate by checking boxes)

☐ Flow		CFS
☒ Water Temperature, Field	57.	C°
☐ pH, Field		S. U.
☐ Dissolved Oxygen, Field		mg/l
☐ Hydrogen Sulfide, Field		mg/l
☐ Chlorine Free Avl, Field		mg/l
☐ Chlorine Tot Resd, Field		mg/l
☐ Color		Pt-Co Units
☐ Odor		T. N.
☐ Turbidity		J. U.
☒ Conductivity at 25 C°	470.	Micromhos
☒ pH, Lab	7.6	S. U.
☐ pH, $CaCO_3$ Stability		S. U.
☒ Alkalinity Total, $CaCO_3$	195.	mg/l
☐ Alkalinity Phth, $CaCO_3$		mg/l
☐ Alkalinity, $CaCO_3$ Stabl		mg/l
☐ Carbon Dioxide, CO_2		mg/l
☐ Acidity Total, $CaCO_3$		mg/l
☐ Acidity M.O., $CaCO_3$		mg/l
☒ Hardness Total, $CaCO_3$	216.	mg/l
☒ Residue, Total	288.	mg/l
☐ Residue, Total Volatile		mg/l
☐ Residue, Total Nfilt (Sus)		mg/l
☐ Residue, Vol Nfilt		mg/l
☐ Residue, Total Filt (Diss)		mg/l
☐ Residue, Vol Filt		mg/l
☐ Residue, Settlable		mg/l
☐ Nitrogen Organic, N		mg/l
☒ Nitrogen Ammonia, N	0.15	mg/l
☐ Nitrite, N		mg/l
☒ Nitrate, N	0.0	mg/l
☐ Phosphorus Total, P		mg/l
☐ Phosphorus Soluble, P		mg/l
☒ Phosphate Total, PO_4	0.1	mg/l
☐ Phosphate Ortho, PO_4		mg/l
☒ Sulfate, SO_4	33.	mg/l
☐ Sulfite, SO_3		mg/l
☐ Sulfide, S		mg/l
☒ Chloride, Cl	7.	mg/l

☒ Fluoride Diss, F	0.38	mg/l
☒ Calcium Total, Ca	81.	mg/l
☒ Magnesium Total, Mg	22.	mg/l
☐ Potassium Total, K		mg/l
☒ Sodium Total, Na	1.2.	mg/l
☐ Aluminum Total, Al		ug/l
☐ Antimony Total, Sb		ug/l
☐ Arsenic Total, As		ug/l
☐ Barium Total, Ba		ug/l
☐ Beryllium Total, Be		ug/l
☐ Bismuth Total, Bi		ug/l
☐ Boron Total, B		ug/l
☐ Cadmium Total, Cd		ug/l
☐ Chromium Total, Cr		ug/l
☐ Chromium Hex, Cr		ug/l
☐ Cobalt Total, Co		ug/l
☐ Copper Total, Cu		ug/l
☒ Iron Total, Fe	1800.	ug/l
☐ Iron Diss, Fe		ug/l
☐ Iron Ferrous, Fe		ug/l
☐ Lead Total, Pb		ug/l
☐ Lithium Total, Li		ug/l
☐ Manganese Total, Mn		ug/l
☐ Mercury Total, Hg		ug/l
☐ Molybdenum Total, Mo		ug/l
☐ Nickel Total, Ni		ug/l
☐ Selenium Total, Se		ug/l
☐ Silver Total, Ag		ug/l
☐ Strontium Total, Sr		ug/l
☐ Thallium Total, Tl		ug/l
☐ Tin Total, Sn		ug/l
☐ Titanium Total, Ti		ug/l
☐ Tungsten Total, T		ug/l
☐ Vanadium Total, V		ug/l
☐ Zinc Total, Zn		ug/l
☐ Zirconium Total, Zr		ug/l
☐ BOD, 5-Day		mg/l
☒ COD	4.	mg/l
☐ Chlorine Demand, 15 min		mg/l
☒ Carbon Total Org, C	6.	mg/l

☐ Cyanide, CN	mg/l
☐ MBAS	mg/l
☐ Oil-Grease, Total	mg/l
☐ Phenols	mg/l
☐ Tannin Lignin	mg/l
☐ Aldrin, Whl Smpl	ug/l
☐ DDD, Whl Smpl	ug/l
☐ DDE, Whl Smpl	ug/l
☐ DDT, Whl Smpl	ug/l
☐ Dieldrin, Whl Smpl	ug/l
☐ Chlordane, Whl Smpl	ug/l
☐ Endrin, Whl Smpl	ug/l
☐ Heptachlor, Whl Smpl	ug/l
☐ Hptlr-Epoxide, Whl Smpl	ug/l
☐ Lindane, Whl Smpl	ug/l
☐ Methoxychlor, Whl Smpl	ug/l
☐ Malathion, Whl Smpl	ug/l
☐ Parathion, Whl Smpl	ug/l
☐ Methyl Parathion, Whl Smpl	ug/l
☐ Beta, Total	pc/l
☐ Beta, Diss	pc/l
☐ Beta, Suspd	pc/l
☐ Alpha, Total	pc/l
☐ Alpha, Diss	pc/l
☐ Alpha, Suspd	pc/l
☐ Radium 226, Total	pc/l
☐ Strontium 90, Total	pc/l
☐ Coliform Total, MF	#/100ml
☐ Coliform Total MPN, Conf	#/100ml
☐ Fecal Coli Total, MF	#/100ml
☐ Fecal Strep Total, MF	#/100ml
☐ Plate Count, Total	#/ml
☐ Algae, Total	#/ml

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DEPARTMENT OF HEALTH
WATER QUALITY DATA

Date Received: 11-6-74
Date Reported: 12-5-74
Laboratory:
Laboratory Number: 7316
Analyst: [illegible]

Station: Network Well
Station Code:
County: Knox
Collected by: JC Huston

Identification of Sample: Continent Cans Well # 7
Sample Code:
Date of grab sample (or last date of composite sample): Year 74 Month 11 Day 05 Hour 03 Minute 00
Composite Typ:

Sample Types: ☐ Industrial ☐ Sewage ☐ Water Supply ☐ Stream

Analysis to be Reported to: ☒ CO ☐ SEDO ☐ NEDO ☐ SWDO ☐ NWDO

Beginning Date of Composite Sample: Year Month Day Hour Minute
Frequency:

REASON FOR TAKING SAMPLE – ADDITIONAL INFORMATION – REMARKS BY ANALYST:

Amb Gtd Water
report To Eng Stew

☐ Regular (or indicate by checking boxes)

☐ Flow		CFS
☐ Water Temperature, Field		C°
☐ pH, Field		S.U.
☐ Dissolved Oxygen, Field		mg/l
☐ Hydrogen Sulfide, Field		mg/l
☐ Chlorine Free Avl, Field		mg/l
☐ Chlorine Tot Resd, Field		mg/l
☐ Color		Pt-Co Units
☐ Odor		T. N.
☐ Turbidity		J. U.
☒ Conductivity at 25 C°	460	Micromhos
☒ pH, Lab	8.0	S. U.
☐ pH, $CaCO_3$ Stability		S. U.
☒ Alkalinity Total, $CaCO_3$	275	mg/l
☐ Alkalinity Phth, $CaCO_3$		mg/l
☐ Alkalinity, $CaCO_3$ Stabl		mg/l
☐ Carbon Dioxide, CO_2		mg/l
☐ Acidity Total, $CaCO_3$		mg/l
☐ Acidity M.O., $CaCO_3$		mg/l
☐ Hardness Total, $CaCO_3$		mg/l
☐ Residue, Total		mg/l
☐ Residue, Total Volatile		mg/l
☐ Residue, Total Nflt (Sus)		mg/l
☐ Residue, Vol Nflt		mg/l
☒ Residue, Total Flt (Diss)	336	mg/l
☐ Residue, Vol Flt		mg/l
☐ Residue, Settlable		mg/l
☐ Nitrogen Organic, N		mg/l
☒ Nitrogen Ammonia, N	0.16	mg/l
☐ Nitrite, N		mg/l
☒ Nitrate, N	0.0	mg/l
☐ Phosphorus Total, P		mg/l
☐ Phosphorus Soluble, P		mg/l
☒ Phosphate Total, PO_4	0.0	mg/l
☐ Phosphate Ortho, PO_4		mg/l
☒ Sulfate, SO_4	34	mg/l
☐ Sulfite, SO_3		mg/l
☐ Sulfide, S		mg/l
☒ Chloride, Cl	7	mg/l

☒ Fluoride Diss, F	0.41	mg/l
☒ Calcium Total, Ca	86	mg/l
☒ Magnesium Total, Mg	30	mg/l
☒ Potassium Total, K	1.4	mg/l
☒ Sodium Total, Na	13	mg/l
☐ Aluminum Total, Al		ug/l
☐ Antimony Total, Sb		ug/l
☐ Arsenic Total, As		ug/l
☒ Barium Total, Ba	300	ug/l
☐ Beryllium Total, Be		ug/l
☐ Bismuth Total, Bi		ug/l
☐ Boron Total, B		ug/l
☐ Cadmium Total, Cd		ug/l
☒ Chromium Total, Cr	0	ug/l
☐ Chromium Hex, Cr		ug/l
☐ Cobalt Total, Co		ug/l
☐ Copper Total, Cu		ug/l
☒ Iron Total, Fe	1700	ug/l
☐ Iron Diss, Fe		ug/l
☐ Iron Ferrous, Fe		ug/l
☐ Lead Total, Pb		ug/l
☐ Lithium Total, Li		ug/l
☐ Manganese Total, Mn		ug/l
☐ Mercury Total, Hg		ug/l
☐ Molybdenum Total, Mo		ug/l
☐ Nickel Total, Ni		ug/l
☐ Selenium Total, Se		ug/l
☐ Silver Total, Ag		ug/l
☐ Strontium Total, Sr		ug/l
☐ Thallium Total, Tl		ug/l
☐ Tin Total, Sn		ug/l
☐ Titanium Total, Ti		ug/l
☐ Tungsten Total, T		ug/l
☐ Vanadium Total, V		ug/l
☐ Zinc Total, Zn		ug/l
☐ Zirconium Total, Zr		ug/l
☐ BOD, 5-Day		mg/l
☒ COD	0.	mg/l
☐ Chlorine Demand, 15 min		mg/l
☒ Carbon Total Org, C	0.	mg/l

☐ Cyanide, CN		mg/l
☒ MBAS	0.19	mg/l
☐ Oil-Grease, Total		mg/l
☐ Phenols		ug/l
☐ Tannin Lignin		mg/l
☐ Aldrin, Whl Smpl		ug/l
☐ DDD, Whl Smpl		ug/l
☐ DDE, Whl Smpl		ug/l
☐ DDT, Whl Smpl		ug/l
☐ Dieldrin, Whl Smpl		ug/l
☐ Chlordane, Whl Smpl		ug/l
☐ Endrin, Whl Smpl		ug/l
☐ Heptachlor, Whl Smpl		ug/l
☐ Hchlr-Epoxide, Whl Smpl		ug/l
☐ Lindane, Whl Smpl		ug/l
☐ Methoxychlor, Whl Smpl		ug/l
☐ Malathion, Whl Smpl		ug/l
☐ Parathion, Whl Smpl		ug/l
☐ Methyl Parathin, Whl Smpl		ug/l
☐ Beta, Total		pc/l
☐ Beta, Diss		pc/l
☐ Beta, Suspd		pc/l
☐ Alpha, Total		pc/l
☐ Alpha, Diss		pc/l
☐ Alpha, Suspd		pc/l
☐ Radium 226, Total		pc/l
☐ Strontium 90, Total		pc/l
☐ Coliform Total, MF		#/100ml
☐ Coliform Total MPN, Conf		#/100ml
☐ Fecal Coli Total, MF		#/100ml
☐ Fecal Strep Total, MF		#/100ml
☐ Plate Count, Total		#/ml
☐ Algae, Total		#/ml
☐		
☐		
☐		
☐		
☐		
☐		

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6.10

DEPARTMENT OF HEALTH
WATER QUALITY DATA

Date Received: 6-25-75

Laboratory Number: 10107

Date Reported: 7-13-75

Laboratory:

Analyst: BB

Station: CONTINENTAL CAN CO. MT VERNON

Station Code:

County: KNOX

Collected by: J. MAYES

Identification of Sample: WELL PT TD 96' - WEP-314

Sample Code:

Date of grab sample (or last date of composite sample): Year 1 Month 1 Day 6 Hour Minute

Composite Type:

Sample Types: ☒ Industrial ☐ Sewage ☐ Water Supply ☐ Stream

Beginning Date of Composite Sample: Year Month Day Hour Minute

Frequency:

Analysis to be Reported to: ☐ CO ☐ SEDO ☐ NEDO ☐ SWDO ☐ NWDO

REASON FOR TAKING SAMPLE – ADDITIONAL INFORMATION – REMARKS BY ANALYST:

GROUND-WATER SEND TO MASS SPECTROM

☐ Regular (or indicate by checking boxes)			☐ Fluoride Diss, F		mg/l	☐ Cyanide, CN	mg/l
☐ Flow		CFS	☒ Calcium Total, Ca	24	mg/l	☒ MBAS	<0.05 mg/l
☐ Water Temperature, Field	57.4	C° F°	☒ Magnesium Total, Mg	12	mg/l	☐ Oil-Grease, Total	mg/l
☐ pH, Field		S. U.	☐ Potassium Total, K	1.5	mg/l	☐ Phenols	ug/l
☐ Dissolved Oxygen, Field		mg/l	☒ Sodium Total, Na	14	mg/l	☐ Tannin Lignin	mg/l
☐ Hydrogen Sulfide, Field		mg/l	☐ Aluminum Total, Al		ug/l	☐ Aldrin, Whl Smpl	ug/l
☐ Chlorine Free Avl, Field		mg/l	☐ Antimony Total, Sb		ug/l	☐ DDD, Whl Smpl	ug/l
☐ Chlorine Tot Resd, Field		mg/l	☐ Arsenic Total, As		ug/l	☐ DDE, Whl Smpl	ug/l
☐ Color		Pt-Co Units	☒ Barium Total, Ba	300	ug/l	☒ DDT, Whl Smpl	ug/l
☐ Odor		T. N.	☐ Beryllium Total, Be		ug/l	☐ Dieldrin, Whl Smpl	ug/l
☐ Turbidity		JTU	☐ Bismuth Total, Bi		ug/l	☐ Chlordane, Whl Smpl	ug/l
☒ Conductivity at 25 C°	900	Micromhos	☐ Boron Total, B		ug/l	☐ Endrin, Whl Smpl	ug/l
☒ pH, Lab	7.5	S. U.	☐ Cadmium Total, Cd		ug/l	☐ Heptachlor, Whl Smpl	ug/l
☐ pH, $CaCO_3$ Stability		S. U.	☐ Chromium Total, Cr	<3.2	ug/l	☐ HCHu-Epoxide, Whl Smpl	ug/l
☒ Alkalinity Total, $CaCO_3$	246	mg/l	☐ Chromium Hex, Cr		ug/l	☐ Lindane, Whl Smpl	ug/l
☐ Alkalinity Phth, $CaCO_3$		mg/l	☐ Cobalt Total, Co		ug/l	☐ Methoxychlor, Whl Smpl	ug/l
☐ Alkalinity, $CaCO_3$ Stabl		mg/l	☐ Copper Total, Cu		ug/l	☐ Malathion, Whl Smpl	ug/l
☐ Carbon Dioxide, CO_2		mg/l	☒ Iron Total, Fe	1600	ug/l	☐ Parathion, Whl Smpl	ug/l
☐ Acidity Total, $CaCO_3$		mg/l	☐ Iron Diss, Fe		ug/l	☐ Methyl Parathn, Whl Smpl	ug/l
☐ Acidity M.O., $CaCO_3$		mg/l	☐ Iron Ferrous, Fe		ug/l	☐ Beta, Total	pc/l
☐ Hardness Total, $CaCO_3$		mg/l	☐ Lead Total, Pb		ug/l	☐ Beta, Diss	pc/l
☐ Residue, Total		mg/l	☐ Lithium Total, Li		ug/l	☐ Beta, Suspd	pc/l
☐ Residue, Total Volatile		mg/l	☐ Manganese Total, Mn		ug/l	☐ Alpha, Total	pc/l
☐ Residue, Total Nflt (Sus)		mg/l	☐ Mercury Total, Hg		ug/l	☐ Alpha, Diss	pc/l
☐ Residue, Vol Nflt		mg/l	☐ Molybdenum Total, Mo		ug/l	☐ Alpha, Suspd	pc/l
☒ Residue, Total Flt (Diss)	414	mg/l	☐ Nickel Total, Ni		ug/l	☐ Radium 226, Total	pc/l
☐ Residue, Vol Flt		mg/l	☐ Selenium Total, Se		ug/l	☐ Strontium 90, Total	pc/l
☐ Residue, Settlable		mg/l	☐ Silver Total, Ag		ug/l	☐ Coliform Total, MF	#/100ml
☐ Nitrogen Organic, N		mg/l	☐ Strontium Total, Sr		ug/l	☐ Coliform Total MPN, Conf	#/100ml
☒ Nitrogen Ammonia, N	0.24	mg/l	☐ Thallium Total, Tl		ug/l	☐ Fecal Coli Total, MF	#/100ml
☐ Nitrite, N		mg/l	☐ Tin Total, Sn		ug/l	☐ Fecal Strep Total, MF	#/100ml
☒ Nitrate, N	0.1	mg/l	☐ Titanium Total, Ti		ug/l	☐ Plate Count, Total	#/ml
☐ Phosphorus Total, P		mg/l	☐ Tungsten Total, T		ug/l	☐ Algae, Total	#/ml
☐ Phosphorus Soluble, P		mg/l	☐ Vanadium Total, V		ug/l	☐	
☐ Phosphate Total, PO_4		mg/l	☐ Zinc Total, Zn		ug/l	☐	
☐ Phosphate Ortho, PO_4		mg/l	☐ Zirconium Total, Zr		ug/l	☐	
☐ Sulfate, SO_4	14	mg/l	☐ BOD, 5-Day		mg/l	☐	
☐ Sulfite, SO_3		mg/l	☒ COD	20	mg/l	☐	
☐ Sulfide, S		mg/l	☐ Chlorine Demand, 15 min		mg/l	☐	
☒ Chloride, Cl	8	mg/l	☒ Carbon Total Org, C	4.0	mg/l	☐	

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368.10

DEPARTMENT OF HEALTH
WATER QUALITY DATA

Date Received: 9-18-75
Date Reported: 10-2-75
Laboratory:
Laboratory Number: 11408
Analyst: J.G.

Station: Continental Con-mt Vernon
Station Code:
County: Knox
Collected by: D. Johe

Identification of Sample: Well #7
Sample Code:
Date of grab sample (or last date of composite sample): Year 75 Month 09 Day 18 Hour Minute
Composite Typ:

Sample Types: ☒ Industrial ☐ Sewage ☐ Water Supply ☐ Stream
Beginning Date of Composite Sample: Year Month Day Hour Minute
Frequency:

Analysis to be Reported to: ☐ CO ☐ SEDO ☐ NEDO ☐ SWDO ☐ NWDO

REASON FOR TAKING SAMPLE – ADDITIONAL INFORMATION – REMARKS BY ANALYST:
Groundwater Russ Stein

TD 96' WBF - 50 G

☐ Regular (or indicate by checking boxes)

☐ Flow		CFS
☒ Water Temperature, Field	55	F°
☐ pH, Field		S. U.
☐ Dissolved Oxygen, Field		mg/l
☐ Hydrogen Sulfide, Field		mg/l
☐ Chlorine Free Avl, Field		mg/l
☐ Chlorine Tot Resd, Field		mg/l
☐ Color		Pt-Co Units
☐ Odor		T. N.
☐ Turbidity		J. U.
☐ Conductivity at 25 C°		Micromhos
☒ pH, Lab		S. U.
☐ pH, $CaCO_3$ Stability		S. U.
☒ Alkalinity Total, $CaCO_3$	271	mg/l
☐ Alkalinity Phth, $CaCO_3$		mg/l
☐ Alkalinity, $CaCO_3$ Stabl		mg/l
☐ Carbon Dioxide, CO_2		mg/l
☐ Acidity Total, $CaCO_3$		mg/l
☐ Acidity M.O., $CaCO_3$		mg/l
☐ Hardness Total, $CaCO_3$		mg/l
☐ Residue, Total		mg/l
☐ Residue, Total Volatile		mg/l
☐ Residue, Total Nflt (Sus)		mg/l
☐ Residue, Vol Nflt		mg/l
☒ Residue, Total Flt (Diss)	523	mg/l
☐ Residue, Vol Flt		mg/l
☐ Residue, Settlable		mg/l
☐ Nitrogen Organic, N		mg/l
☒ Nitrogen Ammonia, N	0.17	mg/l
☐ Nitrite, N		mg/l
☒ Nitrate, N	<.1	mg/l
☐ Phosphorus Total, P		mg/l
☐ Phosphorus Soluble, P		mg/l
☐ Phosphate Total, PO_4		mg/l
☐ Phosphate Ortho, PO_4		mg/l
☒ Sulfate, SO_4	32	mg/l
☐ Sulfite, SO_3		mg/l
☐ Sulfide, S		mg/l
☒ Chloride, Cl	7	mg/l

☐ Fluoride Diss, F		mg/l
☒ Calcium Total, Ca	52	mg/l
☒ Magnesium Total, Mg	26	mg/l
☐ Potassium Total, K		mg/l
☒ Sodium Total, Na	12	mg/l
☐ Aluminum Total, Al		mg/l
☐ Antimony Total, Sb		ug/l
☐ Arsenic Total, As		ug/l
☒ Barium Total, Ba	300	ug/l
☐ Beryllium Total, Be		ug/l
☐ Bismuth Total, Bi		ug/l
☐ Boron Total, B		ug/l
☐ Cadmium Total, Cd		ug/l
☒ Chromium Total, Cr	<30	ug/l
☐ Chromium Hex, Cr		ug/l
☐ Cobalt Total, Co		ug/l
☐ Copper Total, Cu		ug/l
☒ Iron Total, Fe	1540	ug/l
☐ Iron Diss, Fe		ug/l
☐ Iron Ferrous, Fe		ug/l
☐ Lead Total, Pb		ug/l
☐ Lithium Total, Li		ug/l
☐ Manganese Total, Mn		ug/l
☐ Mercury Total, Hg		ug/l
☐ Molybdenum Total, Mo		ug/l
☐ Nickel Total, Ni		ug/l
☐ Selenium Total, Se		ug/l
☐ Silver Total, Ag		ug/l
☐ Strontium Total, Sr		ug/l
☐ Thallium Total, Tl		ug/l
☐ Tin Total, Sn		ug/l
☐ Titanium Total, Ti		ug/l
☐ Tungsten Total, T		ug/l
☐ Vanadium Total, V		ug/l
☐ Zinc Total, Zn		ug/l
☐ Zirconium Total, Zr		ug/l
☐ BOD, 5-Day		mg/l
☒ COD	8	mg/l
☐ Chlorine Demand, 15 min		mg/l
☒ Carbon Total Org, C	<1	mg/l

☐ Cyanide, CN		mg/l
☒ MBAS	.005	mg/l
☐ Oil-Grease, Total		mg/l
☐ Phenols		mg/l
☐ Tannin Lignin		mg/l
☐ Aldrin, Whl Smpl		ug/l
☐ DDD, Whl Smpl		ug/l
☐ DDE, Whl Smpl		ug/l
☐ DDT, Whl Smpl		ug/l
☐ Dieldrin, Whl Smpl		ug/l
☐ Chlordane, Whl Smpl		ug/l
☐ Endrin, Whl Smpl		ug/l
☐ Heptachlor, Whl Smpl		ug/l
☐ Hchlr-Epoxide, Whl Smpl		ug/l
☐ Lindane, Whl Smpl		ug/l
☐ Methoxychlor, Whl Smpl		ug/l
☐ Malathion, Whl Smpl		ug/l
☐ Parathion, Whl Smpl		ug/l
☐ Methyl Parathn, Whl Smpl		ug/l
☐ Beta, Total		pc/l
☐ Beta, Diss		pc/l
☐ Beta, Suspd		pc/l
☐ Alpha, Total		pc/l
☐ Alpha, Diss		pc/l
☐ Alpha, Suspd		pc/l
☐ Radium 226, Total		pc/l
☐ Strontium 90, Total		pc/l
☐ Coliform Total, MF		#/100ml
☐ Coliform Total MPN, Conf		#/100ml
☐ Fecal Coli Total, MF		#/100ml
☐ Fecal Strep Total, MF		#/100ml
☐ Plate Count, Total		#/ml
☐ Algae, Total		#/ml
☐		
☐		
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56-10

OHIO DEPARTMENT OF HEALTH
WATER QUALITY DATA

Date Received: 10/29/76

Date Reported: 11/19/76

Laboratory:

Laboratory Number: [redacted] 14 [illegible]

Analyst: [illegible]

Station: Continental Com

Station Code:

County: Knox

Collected by: John/Noyes

Phone:

Identification of Sample: well #7

Sample Code:

Date of grab sample (or last date of composite sample): Year 76 Month 10 Day 28 Hour Minute

Composite Type:

Sample Types: [X] Ground Water [ ] Industrial [ ] Sewage [ ] Comp Mon [ ] Water Supply [ ] Stream

Beginning Date of Composite Sample: Year Month Day C Hour Minute

Frequency:

Analysis to be Reported to: [X] CO [ ] CDO [ ] SE [ ] NE [ ] SW [ ] NW

REASON FOR TAKING SAMPLE — ADDITIONAL INFORMATION — REMARKS BY ANALYST:

PRESERVATIVE:
- [ ] NaOH
- [ ] $CuSO_4$
- [ ] H_2SO_4
- [ ] HNO_3
- [ ] OTHER

(14)

[ ] Regular (or indicate by checking boxes)

[ ] Flow	Y2		CFS
[ ] Water Temperature, Field	Y3		C°
[ ] pH, Field	Y4		S. U.
[ ] Dissolved Oxygen, Field	Y5		mg/l
[ ] Hydrogen Sulfide, Field	Y6		mg/l
[ ] Chlorine Free Avl, Field	Y7		mg/l
[ ] Chlorine Tot Resd, Field	Y8		mg/l
[ ] Color	Y9		Pt-Co
[ ] Odor	Y0		T. N.
[ ] Turbidity	U1		FTU
[ ] Conductivity at 25 C°	U2		U-MHO
[ ] pH, Lab	U3		S. U.
[ ] pH, $CaCO_3$ Stability	U4		S. U.
[X] Alkalinity Total, $CaCO_3$	U5	229	mg/l
[ ] Alkalinity Phth, $CaCO_3$	U6		mg/l
[ ] Alkalinity, $CaCO_3$ Stabl	U7		mg/l
[ ] Carbon Dioxide, CO_2	U8		mg/l
[ ] Acidity Total, $CaCO_3$	U9		mg/l
[ ] Acidity M.O., $CaCO_3$	U0		mg/l
[ ] Hardness Total, $CaCO_3$	I1		mg/l
[ ] Residue, Total	I2		mg/l
[ ] Residue, Total Volatile	I3		mg/l
[ ] Residue, Total Nflt (Sus)	I4		mg/l
[ ] Residue, Vol Nflt	I5		mg/l
[ ] Residue, Total Flt (Diss)	I6	[illegible]	mg/l
[ ] Residue, Vol Flt	I7		mg/l
[ ] Residue, Settlable	I8		mg/l
[ ] Nitrogen Organic, N	I9		mg/l
[ ] Nitrogen Ammonia, N	I0	0.3	mg/l
[ ] Nitrite, N	O1		mg/l
[X] Nitrate, N	O2	0	mg/l
[ ] Phosphorus Total, P	O3		mg/l
[ ] Phosphorus Soluble, P	O4		mg/l
[ ] Phosphate Total, PO_4	O5		mg/l
[ ] Phosphate Ortho, PO_4	O6		mg/l
[X] Sulfate, SO_4	O7	29.1	mg/l
[ ] Sulfite, SO_3	O8		mg/l
[ ] Sulfide, S	O9		mg/l
[X] Chloride, Cl	O0	5	mg/l

[ ] Fluoride Diss, F	H1		mg/l
[X] Calcium Total, Ca	H2	70	mg/l
[X] Magnesium Total, Mg	H3	29	mg/l
[ ] Potassium Total, K	H4		mg/l
[X] Sodium Total, Na	H5	12	mg/l
[ ] Aluminum Total, Al	H6		ug/l
[ ] Antimony Total, Sb	H7		ug/l
[ ] Arsenic Total, As	H8		ug/l
[X] Barium Total, Ba	H9	500	ug/l
[ ] Beryllium Total, Be	H0		ug/l
[ ] Bismuth Total, Bi	J1		ug/l
[ ] Boron Total, B	J2		ug/l
[ ] Cadmium Total, Cd	J3		ug/l
[ ] Chromium Total, Cr	J4		ug/l
[ ] Chromium Hex, Cr	J5		ug/l
[ ] Cobalt Total, Co	J6		ug/l
[ ] Copper Total, Cu	J7		ug/l
[X] Iron Total, Fe	J8	1.6	ug/l
[ ] Iron Diss, Fe	J9		ug/l
[ ] Iron Ferrous, Fe	J0		ug/l
[ ] Lead Total, Pb	K1		ug/l
[ ] Lithium Total, Li	K2		ug/l
[ ] Manganese Total, Mn	K3		ug/l
[ ] Mercury Total, Hg	K4		ug/l
[ ] Molybdenum Total, Mo	K5		ug/l
[ ] Nickel Total, Ni	K6		ug/l
[ ] Selenium Total, Se	K7		ug/l
[ ] Silver Total, Ag	K8		ug/l
[ ] Strontium Total, Sr	K9		ug/l
[ ] Thallium Total, Tl	K0		ug/l
[ ] Tin Total, Sn	L1		ug/l
[ ] Titanium Total, Ti	L2		ug/l
[ ] Tungsten Total, T	L3		ug/l
[ ] Vanadium Total, V	L4		ug/l
[ ] Zinc Total, Zn	L5		ug/l
[ ] Zirconium Total, Zr	L6		ug/l
[ ] BOD, 5-Day	L7		mg/l
[X] COD	L8	8	mg/l
[ ] Chlorine Demand, 15 min	L9		mg/l
[X] Carbon Total Org, C	L0	6	mg/l

[ ] Cyanide, CN	N1		mg/l
[X] MBAS	N2	0	mg/l
[ ] Oil-Grease, Total	N3		mg/l
[ ] Phenols	N4		ug/l
[ ] Tannin Lignin	N5		mg/l
[ ] Aldrin, Whl Smpl	N6		ug/l
[ ] DDD, Whl Smpl	N7		ug/l
[ ] DDE, Whl Smpl	N8		ug/l
[ ] DDT, Whl Smpl	N9		ug/l
[ ] Dieldrin, Whl Smpl	N0		ug/l
[ ] Chlordane, Whl Smpl	M1		ug/l
[ ] Endrin, Whl Smpl	M2		ug/l
[ ] Heptachlor, Whl Smpl	M3		ug/l
[ ] Hchlr-Epoxide, Whl Smpl	M4		ug/l
[ ] Lindane, Whl Smpl	M5		ug/l
[ ] Methoxychlor, Whl Smpl	M6		ug/l
[ ] Malathion, Whl Smpl	M7		ug/l
[ ] Parathion, Whl Smpl	M8		ug/l
[ ] Methyl Parathn, Whl Smpl	M9		ug/l
[ ] Beta, Total	M0		pc/l
[ ] Beta, Diss	,1		pc/l
[ ] Beta, Suspd	,2		pc/l
[ ] Alpha, Total	,3		pc/l
[ ] Alpha, Diss	,4		pc/l
[ ] Alpha, Suspd	,5		pc/l
[ ] Radium 226, Total	,6		pc/l
[ ] Strontium 90, Total	,7		pc/l
[ ] Coliform Total, MF	,8		#/100ml
[ ] Coliform Total MPN, Conf	,9		#/100ml
[ ] Fecal Coli Total, MF	,0		#/100ml
[ ] Fecal Strep Total, MF	.1		#/100ml
[ ] Plate Count, Total	.2		#/ml
[ ] Algae, Total	.3		#/ml
[ ] TOD	.4		mg/l
[ ] BHC	.5		ug/l
[ ] TKN	.6		mg/l
[ ] Conductivity, Field	.7		U-MHO
[ ]			
[ ]			
[ ]			

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4956.32 — Ohio Department of Health

OHIO DEPARTMENT OF HEALTH
WATER QUALITY DATA

Date Received: 5/11/77
Date Reported: 5/16/77
Laboratory:
Laboratory Number: 15933
Analyst: R

Station: NEWARK WELL #8
Station Code:
County: KNX
Collected by: STEW
Phone: 8310

Identification of Sample: CONTINENTAL CAN CO HT VERNON
Sample Code: 1

Date of grab sample (or last date of composite sample): Year 77 Month 05 Day 10 Hour Minute
Composite Type:

Sample Types: ☒ Ground Water ☐ Industrial ☐ Sewage ☐ Comp Mon ☐ Water Supply ☐ Stream

Beginning Date of Composite Sample: Year Month Day C Hour Minute
Frequency:

Analysis to be Reported to: ☒ CO ☐ CDO ☐ SE ☐ NE ☐ SW ☐ NW

REASON FOR TAKING SAMPLE — ADDITIONAL INFORMATION — REMARKS BY ANALYST:
PRESERVATIVE:
☐ NaOH
☐ $CuSO_4$
☒ H_2SO_4
☐ HNO_3
☐ OTHER

CONEC WELL #7

(16) (16)

☐ Regular (or indicate by checking boxes)

☐ Flow	Y2		CFS
☐ Water Temperature, Field	Y3	54	C°
☐ pH, Field	Y4		S. U.
☐ Dissolved Oxygen, Field	Y5		mg/l
☐ Hydrogen Sulfide, Field	Y6		mg/l
☐ Chlorine Free Avl, Field	Y7		mg/l
☐ Chlorine Tot Resd, Field	Y8		mg/l
☐ Color	Y9		Pt-Co
☐ Odor	Y0		T. N.
☐ Turbidity	U1		FTU
☐ Conductivity at 25 C°	U2		U-MHO
☒ pH, Lab	U3	7.6	S. U.
☐ pH, $CaCO_3$ Stability	U4		S. U.
☐ Alkalinity Total, $CaCO_3$	U5	2.2	mg/l
☐ Alkalinity Phth, $CaCO_3$	U6		mg/l
☐ Alkalinity, $CaCO_3$ Stabl	U7		mg/l
☐ Carbon Dioxide, CO_2	U8		mg/l
☐ Acidity Total, $CaCO_3$	U9		mg/l
☐ Acidity M.O., $CaCO_3$	U0		mg/l
☐ Hardness Total, $CaCO_3$	I1		mg/l
☐ Residue, Total	I2		mg/l
☐ Residue, Total Volatile	I3		mg/l
☐ Residue, Total Nflt (Sus)	I4		mg/l
☐ Residue, Vol Nflt	I5		mg/l
☐ Residue, Total Flt (Diss)	I6	324	mg/l
☐ Residue, Vol Flt	I7		mg/l
☐ Residue, Settlable	I8		mg/l
☐ Nitrogen Organic, N	I9		mg/l
☐ Nitrogen Ammonia, N	I0	.001	mg/l
☐ Nitrite, N	01		mg/l
☒ Nitrate, N	02	0	mg/l
☐ Phosphorus Total, P	03		mg/l
☐ Phosphorus Soluble, P	04		mg/l
☐ Phosphate Total, PO_4	05		mg/l
☐ Phosphate Ortho, PO_4	06		mg/l
☐ Sulfate, SO_4	07	40	mg/l
☐ Sulfite, SO_3	08		mg/l
☐ Sulfide, S	09		mg/l
☐ Chloride, Cl	00	5	mg/l

☒ Fluoride Diss, F	H1	.40	mg/l
☒ Calcium Total, Ca	H2	11	mg/l
☒ Magnesium Total, Mg	H3	23	mg/l
☐ Potassium Total, K	H4		mg/l
☒ Sodium Total, Na	H5	12	mg/l
☐ Aluminum Total, Al	H6		ug/l
☐ Antimony Total, Sb	H7		ug/l
☐ Arsenic Total, As	H8		ug/l
☒ Barium Total, Ba	H9	500	ug/l
☐ Beryllium Total, Be	H0		ug/l
☐ Bismuth Total, Bi	I1		ug/l
☐ Boron Total, B	I2		ug/l
☐ Cadmium Total, Cd	I3		ug/l
☐ Chromium Total, Cr	I4		ug/l
☐ Chromium Hex, Cr	I5		ug/l
☐ Cobalt Total, Co	I6		ug/l
☐ Copper Total, Cu	I7		ug/l
☒ Iron Total, Fe	I8	1550	ug/l
☐ Iron Diss, Fe	I9		ug/l
☐ Iron Ferrous, Fe	I0		ug/l
☐ Lead Total, Pb	K1		ug/l
☐ Lithium Total, Li	K2		ug/l
☒ Manganese Total, Mn	K3	90	ug/l
☐ Mercury Total, Hg	K4		ug/l
☐ Molybdenum Total, Mo	K5		ug/l
☐ Nickel Total, Ni	K6		ug/l
☐ Selenium Total, Se	K7		ug/l
☐ Silver Total, Ag	K8		ug/l
☐ Strontium Total, Sr	K9		ug/l
☐ Thallium Total, Tl	K0		ug/l
☐ Tin Total, Sn	L1		ug/l
☐ Titanium Total, Ti	L2		ug/l
☐ Tungsten Total, T	L3		ug/l
☐ Vanadium Total, V	L4		ug/l
☐ Zinc Total, Zn	L5		ug/l
☐ Zirconium Total, Zr	L6		ug/l
☐ BOD, 5-Day	L7		mg/l
☒ COD	L8	0	mg/l
☐ Chlorine Demand, 15 min	L9		mg/l
☐ Carbon Total Org, C	L0		mg/l

☐ Cyanide, CN	N1		mg/l
☒ MBAS	N2	0	mg/l
☐ Oil-Grease, Total	N3		mg/l
☐ Phenols	N4		ug/l
☐ Tannin Lignin	N5		mg/l
☐ Aldrin, Whl Smpl	N6		ug/l
☐ DDD, Whl Smpl	N7		ug/l
☐ DDE, Whl Smpl	N8		ug/l
☐ DDT, Whl Smpl	N9		ug/l
☐ Dieldrin, Whl Smpl	N0		ug/l
☐ Chlordane, Whl Smpl	M1		ug/l
☐ Endrin, Whl Smpl	M2		ug/l
☐ Heptachlor, Whl Smpl	M3		ug/l
☐ Hchlr-Epoxide, Whl Smpl	M4		ug/l
☐ Lindane, Whl Smpl	M5		ug/l
☐ Methoxychlor, Whl Smpl	M6		ug/l
☐ Malathion, Whl Smpl	M7		ug/l
☐ Parathion, Whl Smpl	M8		ug/l
☐ Methyl Parathn, Whl Smpl	M9		ug/l
☐ Beta, Total	M0		pc/l
☐ Beta, Diss	.1		pc/l
☐ Beta, Suspd	.2		pc/l
☐ Alpha, Total	.3		pc/l
☐ Alpha, Diss	.4		pc/l
☐ Alpha, Suspd	.5		pc/l
☐ Radium 226, Total	.6		pc/l
☐ Strontium 90, Total	.7		pc/l
☐ Coliform Total, MF	.8		#/100ml
☐ Coliform Total MPN, Conf	.9		#/100ml
☐ Fecal Coli Total, MF	.0		#/100ml
☐ Fecal Strep Total, MF	.1		#/100ml
☐ Plate Count, Total	.2		#/ml
☐ Algae, Total	.3		#/ml
☐ TOD	.4		mg/l
☐ BHC	.5		ug/l
☐ TKN	.6		mg/l
☐ Conductivity, Field	.7		U-MHO
☐			
☐			
☐			

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OHIO DEPARTMENT OF HEALTH
WATER QUALITY DATA

Date Received: 11-21-77

Date Reported: 11-18-77

Laboratory:

Laboratory Number: 17011

Analyst:

Station: Mt Vernon Continental Can

Station Code:

County: Knox

Collected by: Stern

Phone:

Identification of Sample: Network water

Sample Code: 1

Date of grab sample (for last date of composite sample): Year 7 Month 1 Day 20 Hour Minute

Composite Type:

Sample Types: ☒ Ground Water ☐ Industrial ☐ Sewage ☐ Comp Mon ☐ Water Supply ☐ Stream

Beginning Date of Composite Sample: Year Month Day C Hour Minute

Frequency:

Analysis to be Reported to: ☒ CO ☐ CDO ☐ SE ☐ NE ☐ SW ☐ NW

REASON FOR TAKING SAMPLE — ADDITIONAL INFORMATION — REMARKS BY ANALYST:

PRESERVATIVE:
- ☐ NaOH
- ☐ $CuSO_4$
- ☐ H_2SO_4
- ☐ HNO_3
- ☒ OTHER — none

(11)

☐ Regular (or indicate by checking boxes)

☐ Flow	Y2		CFS
☐ Water Temperature, Field	Y3		C°
☐ pH, Field	Y4		S. U.
☐ Dissolved Oxygen, Field	Y5		mg/l
☐ Hydrogen Sulfide, Field	Y6		mg/l
☐ Chlorine Free Avl, Field	Y7		mg/l
☐ Chlorine Tot Resd, Field	Y8		mg/l
☐ Color	Y9		Pt-Co
☐ Odor	Y0		T. N.
☐ Turbidity	U1		FTU
☐ Conductivity at 25 C°	U2		U-MHO
☐ pH, Lab	U3	7.7	S. U.
☐ pH, $CaCO_3$ Stability	U4		S. U
☒ Alkalinity Total, $CaCO_3$	U5	212	mg/l
☐ Alkalinity Phth, $CaCO_3$	U6		mg/l
☐ Alkalinity, $CaCO_3$ Stabl	U7		mg/l
☐ Carbon Dioxide, CO_2	U8		mg/l
☐ Acidity Total, $CaCO_3$	U9		mg/l
☐ Acidity M.O., $CaCO_3$	U0		mg/l
☐ Hardness Total, $CaCO_3$	I1		mg/l
☐ Residue, Total	I2		mg/l
☐ Residue, Total Volatile	I3		mg/l
☐ Residue, Total Nflt (Sus)	I4		mg/l
☐ Residue, Vol Nflt	I5		mg/l
☐ Residue, Total Flt (Diss)	I6	320	mg/l
☐ Residue, Vol Flt	I7		mg/l
☐ Residue, Settlable	I8		mg/l
☐ Nitrogen Organic, N	I9		mg/l
☐ Nitrogen Ammonia, N	I0		mg/l
☐ Nitrite, N	O1		mg/l
☐ Nitrate, N	O2	0.5	mg/l
☐ Phosphorus Total, P	O3		mg/l
☐ Phosphorus Soluble, P	O4		mg/l
☐ Phosphate Total, PO_4	O5		mg/l
☐ Phosphate Ortho, PO_4	O6		mg/l
☐ Sulfate, SO_4	O7	36	mg/l
☐ Sulfite, SO_3	O8		mg/l
☐ Sulfide, S	O9		mg/l
☐ Chloride, Cl	O0	8	mg/l

☐ Fluoride Diss, F	H1		mg/l
☐ Calcium Total, Ca	H2	70	mg/l
☒ Magnesium Total, Mg	H3	24	mg/l
☒ Potassium Total, K	H4	1.4	mg/l
☒ Sodium Total, Na	H5	12	mg/l
☐ Aluminum Total, Al	H6		ug/l
☐ Antimony Total, Sb	H7		ug/l
☐ Arsenic Total, As	H8		ug/l
☒ Barium Total, Ba	H9	200	ug/l
☐ Berylium Total, Be	H0		ug/l
☐ Bismuth Total, Bi	J1		ug/l
☐ Boron Total, B	J2		ug/l
☐ Cadmium Total, Cd	J3		ug/l
☒ Chromium Total, Cr	J4	0	ug/l
☐ Chromium Hex, Cr	J5		ug/l
☐ Cobalt Total, Co	J6		ug/l
☐ Copper Total, Cu	J7		ug/l
☒ Iron Total, Fe	J8	2000	ug/l
☐ Iron Diss, Fe	J9		ug/l
☐ Iron Ferrous, Fe	J0		ug/l
☐ Lead Total, Pb	K1		ug/l
☐ Lithium Total, Li	K2		ug/l
☐ Manganese Total, Mn	K3		ug/l
☐ Mercury Total, Hg	K4		ug/l
☐ Molybdenum Total, Mo	K5		ug/l
☐ Nickel Total, Ni	K6		ug/l
☐ Selenium Total, Se	K7		ug/l
☐ Silver Total, Ag	K8		ug/l
☐ Strontium Total, Sr	K9		ug/l
☐ Thallium Total, Tl	K0		ug/l
☐ Tin Total, Sn	L1		ug/l
☐ Titanium Total, Ti	L2		ug/l
☐ Tungsten Total, T	L3		ug/l
☐ Vanadium Total, V	L4		ug/l
☐ Zinc Total, Zn	L5		ug/l
☐ Zirconium Total, Zr	L6		ug/l
☐ BOD, 5-Day	L7		mg/l
☒ COD	L8	0	mg/l
☐ Chlorine Demand, 15 min	L9		mg/l
☐ Carbon Total Org, C	L0	4	mg/l

☐ Cyanide, CN	N1		mg/l
☐ MBAS	N2	0	mg/l
☐ Oil-Grease, Total	N3		mg/l
☐ Phenols	N4		ug/l
☐ Tannin Lignin	N5		mg/l
☐ Aldrin, Whl Smpl	N6		ug/l
☐ DDD, Whl Smpl	N7		ug/l
☐ DDE, Whl Smpl	N8		ug/l
☐ DDT, Whl Smpl	N9		ug/l
☐ Dieldrin, Whl Smpl	N0		ug/l
☐ Chlordane, Whl Smpl	M1		ug/l
☐ Endrin, Whl Smpl	M2		ug/l
☐ Heptachlor, Whl Smpl	M3		ug/l
☐ Hchlr-Epoxide, Whl Smpl	M4		ug/l
☐ Lindane, Whl Smpl	M5		ug/l
☐ Methoxychlor, Whl Smpl	M6		ug/l
☐ Malathion, Whl Smpl	M7		ug/l
☐ Parathion, Whl Smpl	M8		ug/l
☐ Methyl Paratho, Whl Smpl	M9		ug/l
☐ Beta, Total	M0		pc/l
☐ Beta, Diss	,1		pc/l
☐ Beta, Suspd	,2		pc/l
☐ Alpha, Total	,3		pc/l
☐ Alpha, Diss	,4		pc/l
☐ Alpha, Suspd	,5		pc/l
☐ Radium 226, Total	,6		pc/l
☐ Strontium 90, Total	,7		pc/l
☐ Coliform Total, MF	,8		#/100ml
☐ Coliform Total MPN, Conf	,9		#/100ml
☐ Fecal Coli Total, MF	,0		#/100ml
☐ Fecal Strep Total, MF	.1		#/100ml
☐ Plate Count, Total	.2		#/ml
☐ Algae, Total	.3		#/ml
☐ TOD	.4		mg/l
☐ BHC	.5		ug/l
☐ TKN	.6		mg/l
☐ Conductivity, Field	.7		U-MHO
☐			
☐			
☐			

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9 4956.32 — Ohio Department of Health

OHIO DEPARTMENT OF HEALTH
WATER QUALITY DATA

Date Received: 4-13-78
Date Reported: 4-27-78
Laboratory:
Laboratory Number: WS-30 18028
Analyst: DB

Station: NETWORK WELL - MT. VERNON
Station Code:
County: KNOX
Collected by: STEIN / NOYES
Phone: 466-8310

Identification of Sample: CONTINENTAL CAN CO - #4 WELL TD - 96' WOF - 586
Sample Code:

Date of grab sample (or last date of composite sample): Year 78 Month 04 Day 13 Hour 09 Minute 25
Composite Type:

Sample Types: ☒ Ground Water ☐ Industrial ☐ Sewage ☐ Comp Mon ☐ Water Supply ☐ Stream

Beginning Date of Composite Sample: Year Month Day C Hour Minute
Frequency:

Analysis to be Reported to: ☒ CO ☐ CDO ☐ SE ☐ NE ☐ SW ☐ NW

REASON FOR TAKING SAMPLE — ADDITIONAL INFORMATION — REMARKS BY ANALYST:
PRESERVATIVE:
☐ NaOH
☐ $CuSO_4$
☒ H_2SO_4
☒ HNO_3
☐ OTHER

(14)

☐ Regular (or indicate by checking boxes)

☐ Flow	Y2						CFS
☐ Water Temperature, Field	Y3						C°
☐ pH, Field	Y4						S. U.
☐ Dissolved Oxygen, Field	Y5						mg/l
☐ Hydrogen Sulfide, Field	Y6						mg/l
☐ Chlorine Free Avl, Field	Y7						mg/l
☐ Chlorine Tot Resd, Field	Y8						mg/l
☐ Color	Y9						Pt-Co
☐ Odor	Y0						T. N.
☐ Turbidity	U1						FTU
☐ Conductivity at 25 C°	U2						U-MHO
☐ pH, Lab	U3						S. U.
☐ pH, $CaCO_3$ Stability	U4						S. U.
☒ Alkalinity Total, $CaCO_3$	U5				258		mg/l
☐ Alkalinity Phth, $CaCO_3$	U6						mg/l
☐ Alkalinity, $CaCO_3$ Stabl	U7						mg/l
☐ Carbon Dioxide, CO_2	U8						mg/l
☐ Acidity Total, $CaCO_3$	U9						mg/l
☐ Acidity M.O., $CaCO_3$	U0						mg/l
☐ Hardness Total, $CaCO_3$	I1						mg/l
☐ Residue, Total	I2						mg/l
☐ Residue, Total Volatile	I3						mg/l
☐ Residue, Total Nflt (Sus)	I4						mg/l
☐ Residue, Vol Nflt	I5						mg/l
☒ Residue, Total Flt (Diss)	I6				316		mg/l
☐ Residue, Vol Flt	I7						mg/l
☐ Residue, Settlable	I8						mg/l
☐ Nitrogen Organic, N	I9						mg/l
☒ Nitrogen Ammonia, N	I0				0.14		mg/l
☐ Nitrite, N	O1						mg/l
☒ Nitrate, N	O2				<0.005		mg/l
☐ Phosphorus Total, P	O3						mg/l
☐ Phosphorus Soluble, P	O4						mg/l
☐ Phosphate Total, PO_4	O5						mg/l
☐ Phosphate Ortho, PO_4	O6						mg/l
☒ Sulfate, SO_4	O7				9.8		mg/l
☐ Sulfite, SO_3	O8						mg/l
☐ Sulfide, S	O9						mg/l
☒ Chloride, Cl	O0				11		mg/l

☐ Fluoride Diss, F	H1						mg/l
☒ Calcium Total, Ca	H2				79		mg/l
☒ Magnesium Total, Mg	H3				23		mg/l
☐ Potassium Total, K	H4						mg/l
☒ Sodium Total, Na	H5				12		mg/l
☐ Aluminum Total, Al	H6						ug/l
☐ Antimony Total, Sb	H7						ug/l
☐ Arsenic Total, As	H8						ug/l
☐ Barium Total, Ba	H9						ug/l
☐ Beryllium Total, Be	H0						ug/l
☐ Bismuth Total, Bi	J1						ug/l
☐ Boron Total, B	J2						ug/l
☐ Cadmium Total, Cd	J3						ug/l
☐ Chromium Total, Cr	J4						ug/l
☐ Chromium Hex, Cr	J5						ug/l
☐ Cobalt Total, Co	J6						ug/l
☐ Copper Total, Cu	J7						ug/l
☒ Iron Total, Fe	J8				1640		ug/l
☐ Iron Diss, Fe	J9						ug/l
☐ Iron Ferrous, Fe	J0						ug/l
☐ Lead Total, Pb	K1						ug/l
☐ Lithium Total, Li	K2						ug/l
☒ Manganese Total, Mn	K3				100		ug/l
☐ Mercury Total, Hg	K4						ug/l
☐ Molybdenum Total, Mo	K5						ug/l
☐ Nickel Total, Ni	K6						ug/l
☐ Selenium Total, Se	K7						ug/l
☐ Silver Total, Ag	K8						ug/l
☐ Strontium Total, Sr	K9						ug/l
☐ Thallium Total, Tl	K0						ug/l
☐ Tin Total, Sn	L1						ug/l
☐ Titanium Total, Ti	L2						ug/l
☐ Tungsten Total, T	L3						ug/l
☐ Vanadium Total, V	L4						ug/l
☐ Zinc Total, Zn	L5						ug/l
☐ Zirconium Total, Zr	L6						ug/l
☐ BOD, 5-Day	L7						mg/l
☒ COD	L8				24		mg/l
☐ Chlorine Demand, 15 min	L9						mg/l
☒ Carbon Total Org, C	L0				11.6		mg/l

☐ Cyanide, CN	N1						mg/l
☒ MBAS	N2				<0.05		mg/l
☐ Oil-Grease, Total	N3						mg/l
☐ Phenols	N4						ug/l
☐ Tannin Lignin	N5						mg/l
☐ Aldrin, Whl Smpl	N6						ug/l
☐ DDD, Whl Smpl	N7						ug/l
☐ DDE, Whl Smpl	N8						ug/l
☐ DDT, Whl Smpl	N9						ug/l
☐ Dieldrin, Whl Smpl	N0						ug/l
☐ Chlordane, Whl Smpl	M1						ug/l
☐ Endrin, Whl Smpl	M2						ug/l
☐ Heptachlor, Whl Smpl	M3						ug/l
☐ Hchlr-Epoxide, Whl Smpl	M4						ug/l
☐ Lindane, Whl Smpl	M5						ug/l
☐ Methoxychlor, Whl Smpl	M6						ug/l
☐ Malathion, Whl Smpl	M7						ug/l
☐ Parathion, Whl Smpl	M8						ug/l
☐ Methyl Parathn, Whl Smpl	M9						ug/l
☐ Beta, Total	M0						pc/l
☐ Beta, Diss	.1						pc/l
☐ Beta, Suspd	.2						pc/l
☐ Alpha, Total	.3						pc/l
☐ Alpha, Diss	.4						pc/l
☐ Alpha, Suspd	.5						pc/l
☐ Radium 226, Total	.6						pc/l
☐ Strontium 90, Total	.7						pc/l
☐ Coliform Total, MF	.8						#/100ml
☐ Coliform Total MPN, Conf	.9						#/100ml
☐ Fecal Coli Total, MF	.0						#/100ml
☐ Fecal Strep Total, MF	.1						#/100ml
☐ Plate Count, Total	.2						#/ml
☐ Algae, Total	.3						#/ml
☐ TOD	.4						mg/l
☐ BHC	.5						ug/l
☐ TKN	.6						mg/l
☐ Conductivity, Field	.7						U-MHO
☐							
☐							
☐							

COPY DISTRIBUTION: White — Data Processing White — Central Office Yellow — District Office Pink — Owner White — Laboratory

05 - 30

OHIO DEPARTMENT OF HEALTH
WATER QUALITY DATA

Date Received: 5/8/79

Date Reported: 6/13/79

Laboratory

Laboratory Number: 20621

Analyst: [illegible]

Station: NETWORK WELL - MT. VERNON

Station Code

County: KNOX

Collected by: STEIN / NOYES Phone: 466-831[illegible]

Identification of Sample: CONTINENTAL CAN CO. #7 WELL TD - 96' WAF - 586

Sample Code

Date of grab sample (or last date of composite sample): Year 79, Month 05, Day 08, Hour, Minute

Composite Type

Sample Types: ☒ Ground Water ☐ Industrial ☐ Sewage ☐ Comp Mon ☐ Water Supply ☐ Stream

Beginning Date of Composite Sample: Year, Month, Day, C, Hour, Minute

Frequency

Analysis to be Reported to: ☒ CO ☐ CDO ☐ SE ☐ NE ☐ SW ☐ NW

REASON FOR TAKING SAMPLE — ADDITIONAL INFORMATION — REMARKS BY ANALYST:

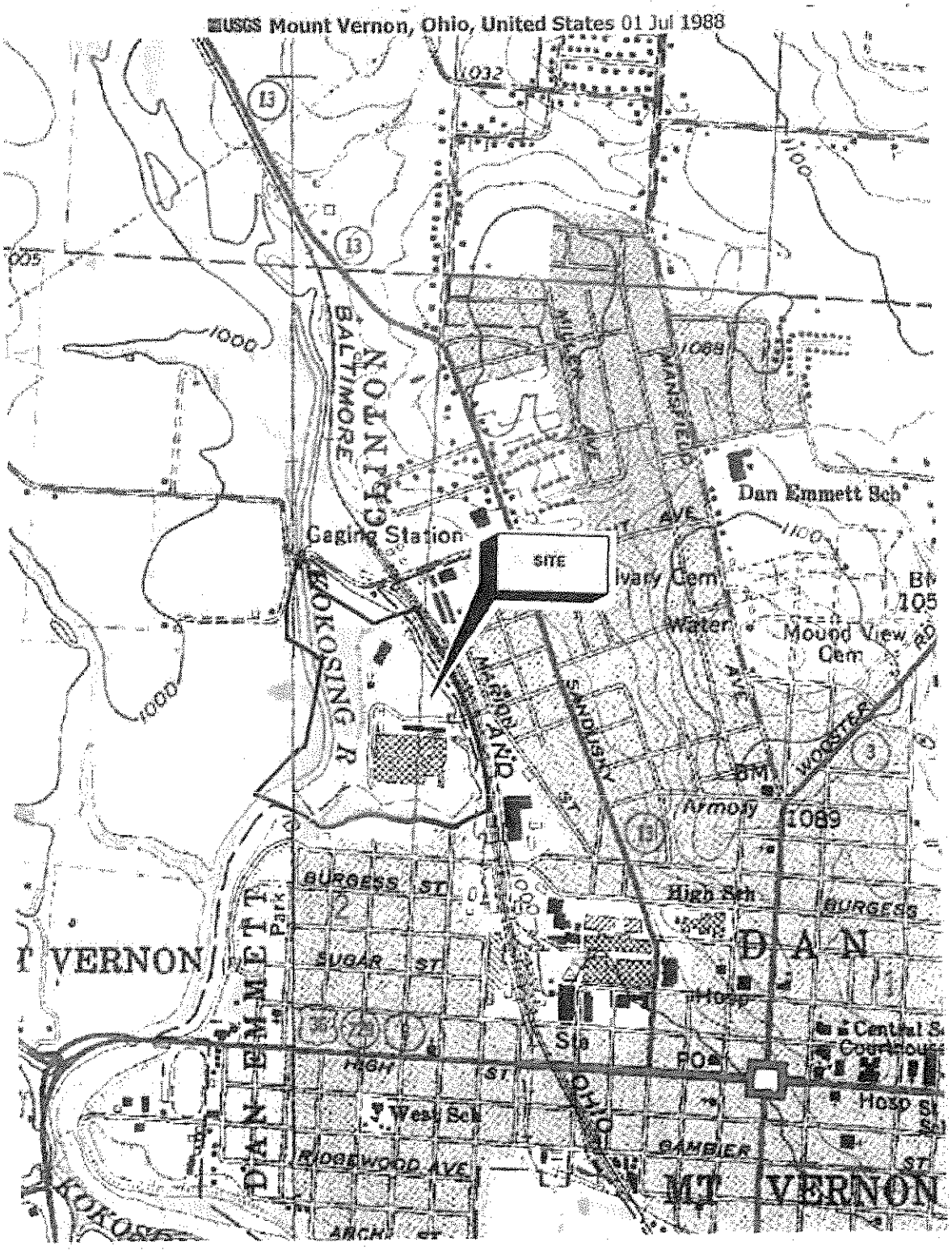
TOC results [illegible]

PRESERVATIVE:
- ☐ NaOH
- ☐ $CuSO_4$
- ☒ H_2SO_4
- ☒ HNO_3
- ☐ OTHER

Parameter	Code	Value	Unit	Parameter	Code	Value	Unit	Parameter	Code	Value	Unit
☐ Regular (or indicate by checking boxes)				☐ Fluoride Diss, F	H1		mg/l	☐ Cyanide, CN	N1		mg/l
☐ Flow	Y2		CFS	☒ Calcium Total, Ca	H2	68	mg/l	☒ MBAS	N2	[illegible]	mg/l
☐ Water Temperature, Field	Y3		C°	☒ Magnesium Total, Mg	H3	34	mg/l	☐ Oil-Grease, Total	N3		mg/l
☐ pH, Field	Y4		S. U.	☐ Potassium Total, K	H4		mg/l	☐ Phenols	N4		ug/l
☐ Dissolved Oxygen, Field	Y5		mg/l	☒ Sodium Total, Na	H5	[illegible]	mg/l	☐ Tannin Lignin	N5		mg/l
☐ Hydrogen Sulfide, Field	Y6		mg/l	☐ Aluminum Total, Al	H6		ug/l	☐ Aldrin, Whl Smpl	N6		ug/l
☐ Chlorine Free Avl, Field	Y7		mg/l	☐ Antimony Total, Sb	H7		ug/l	☐ DDD, Whl Smpl	N7		ug/l
☐ Chlorine Tot Resd, Field	Y8		mg/l	☐ Arsenic Total, As	H8		ug/l	☐ DDE, Whl Smpl	N8		ug/l
☐ Color	Y9		Pt-Co	☐ Barium Total, Ba	H9		ug/l	☐ DDT, Whl Smpl	N9		ug/l
☐ Odor	Y0		T. N.	☐ Berylium Total, Be	H0		ug/l	☐ Dieldrin, Whl Smpl	N0		ug/l
☐ Turbidity	U1		FTU	☐ Bismuth Total, Bi	J1		ug/l	☐ Chlordane, Whl Smpl	M1		ug/l
☐ Conductivity at 25 C°	U2		U-MHO	☐ Boron Total, B	J2		ug/l	☐ Endrin, Whl Smpl	M2		ug/l
☐ pH, Lab	U3		S. U.	☐ Cadmium Total, Cd	J3		ug/l	☐ Heptachlor, Whl Smpl	M3		ug/l
☐ pH, $CaCO_3$ Stability	U4		S. U.	☐ Chromium Total, Cr	J4		ug/l	☐ Hchlr-Epoxide, Whl Smpl	M4		ug/l
☐ Alkalinity Total, $CaCO_3$	U5	254	mg/l	☐ Chromium Hex, Cr	J5		ug/l	☐ Lindane, Whl Smpl	M5		ug/l
☐ Alkalinity Phth, $CaCO_3$	U6		mg/l	☐ Cobalt Total, Co	J6		ug/l	☐ Methoxychlor, Whl Smpl	M6		ug/l
☐ Alkalinity, $CaCO_3$ Stabl	U7		mg/l	☐ Copper Total, Cu	J7		ug/l	☐ Malathion, Whl Smpl	M7		ug/l
☐ Carbon Dioxide, CO_2	U8		mg/l	☒ Iron Total, Fe	J8	1545	ug/l	☐ Parathion, Whl Smpl	M8		ug/l
☐ Acidity Total, $CaCO_3$	U9		mg/l	☐ Iron Diss, Fe	J9		ug/l	☐ Methyl Parathn, Whl Smpl	M9		ug/l
☐ Acidity M.O., $CaCO_3$	U0		mg/l	☐ Iron Ferrous, Fe	J0		ug/l	☐ Beta, Total	M0		pc/l
☐ Hardness Total, $CaCO_3$	I1		mg/l	☐ Lead Total, Pb	K1		ug/l	☐ Beta, Diss	,1		pc/l
☐ Residue, Total	I2		mg/l	☐ Lithium Total, Li	K2		ug/l	☐ Beta, Suspd	,2		pc/l
☐ Residue, Total Volatile	I3		mg/l	☐ Manganese Total, Mn	K3	80	ug/l	☐ Alpha, Total	,3		pc/l
☐ Residue, Total Nflt (Sus)	I4		mg/l	☐ Mercury Total, Hg	K4		ug/l	☐ Alpha, Diss	,4		pc/l
☐ Residue, Vol Nflt	I5		mg/l	☐ Molybdenum Total, Mo	K5		ug/l	☐ Alpha, Suspd	,5		pc/l
☐ Residue, Total Flt (Diss)	I6	324	mg/l	☐ Nickel Total, Ni	K6		ug/l	☐ Radium 226, Total	,6		pc/l
☐ Residue, Vol Flt	I7		mg/l	☐ Selenium Total, Se	K7		ug/l	☐ Strontium 90, Total	,7		pc/l
☐ Residue, Settlable	I8		mg/l	☐ Silver Total, Ag	K8		ug/l	☐ Coliform Total, MF	,8		#/100ml
☐ Nitrogen Organic, N	I9		mg/l	☐ Strontium Total, Sr	K9		ug/l	☐ Coliform Total MPN, Conf	,9		#/100ml
☐ Nitrogen Ammonia, N	I0	0.15	mg/l	☐ Thallium Total, Tl	K0		ug/l	☐ Fecal Coli Total, MF	,0		#/100ml
☐ Nitrite, N	01		mg/l	☐ Tin Total, Sn	L1		ug/l	☐ Fecal Strep Total, MF	.1		#/100ml
☐ Nitrate, N	02	<0.05	mg/l	☐ Titanium Total, Ti	L2		ug/l	☐ Plate Count, Total	.2		#/ml
☐ Phosphorus Total, P	03		mg/l	☐ Tungsten Total, T	L3		ug/l	☐ Algae, Total	.3		#/ml
☐ Phosphorus Soluble, P	04		mg/l	☐ Vanadium Total, V	L4		ug/l	☐ TOD	.4		mg/l
☐ Phosphate Total, PO_4	05		mg/l	☐ Zinc Total, Zn	L5		ug/l	☐ BHC	.5		ug/l
☐ Phosphate Ortho, PO_4	06		mg/l	☐ Zirconium Total, Zr	L6		ug/l	☐ TKN	.6		mg/l
☐ Sulfate, SO_4	07	24	mg/l	☐ BOD, 5-Day	L7		mg/l	☐ Conductivity, Field	.7		U-MHO
☐ Sulfite, SO_3	08		mg/l	☐ COD	L8	9	mg/l	☐			
☐ Sulfide, S	09		mg/l	☐ Chlorine Demand, 15 min	L9		mg/l	☐			
☐ Chloride, Cl	00	45	mg/l	☐ Carbon Total Org, C	L0		mg/l	☐			

COPY DISTRIBUTION: White — Data Processing White — Central Office Yellow — District Office Pink — Owner White — Laboratory

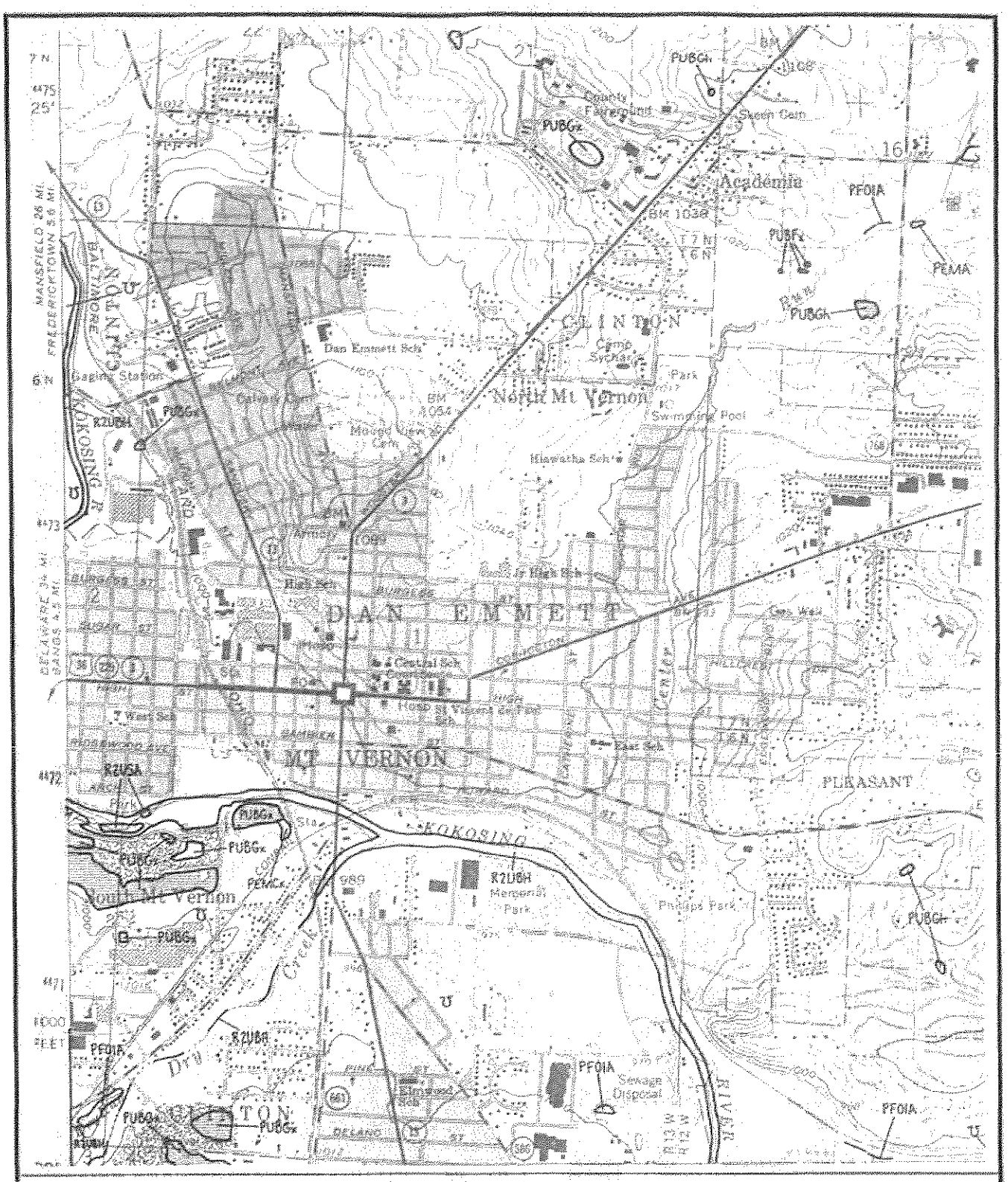
Appendix B Exhibits



PECHINEY PLASTIC PACKAGING, INC.
FORMER AMERICAN NATIONAL CAN SITE
MOUNT VERNON, OHIO

SITE LOCATION MAP

BURGESS & NIPLE, INC.
ENGINEERS AND ARCHITECTS



PECHINEY PLASTIC PACKAGING, INC.
FORMER AMERICAN NATIONAL CAN SITE
MOUNT VERNON, OHIO

1995 WETLAND INVENTORY MAP

BURGESS & NIPLE, INC.
ENGINEERS AND ARCHITECTS

Knox County GIS - Public Access System

Parcel Records Printout: Date: May, 22 2007

Data Updated Every 2 Weeks

This information was prepared for Knox County in accordance with Section 5713.09 of the Ohio Revised Code. Knox County assumes no legal responsibility for the information contained on this print. Users noting errors or omissions are encouraged to contact the Knox County Map Department.

Record 1

IN: 1202646000 Owner: PECHINEY PLASTIC PACKAGING INC A DELAWARE CORPORATION

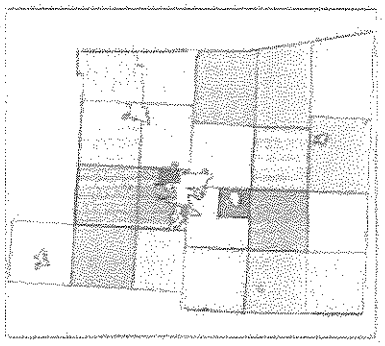
Legal Description: 13 6 2 PT SE PT OF 1 NE COR OF 6 ETC 44.356A

Acres: 44.36 Map Num66.37 Use Code:330

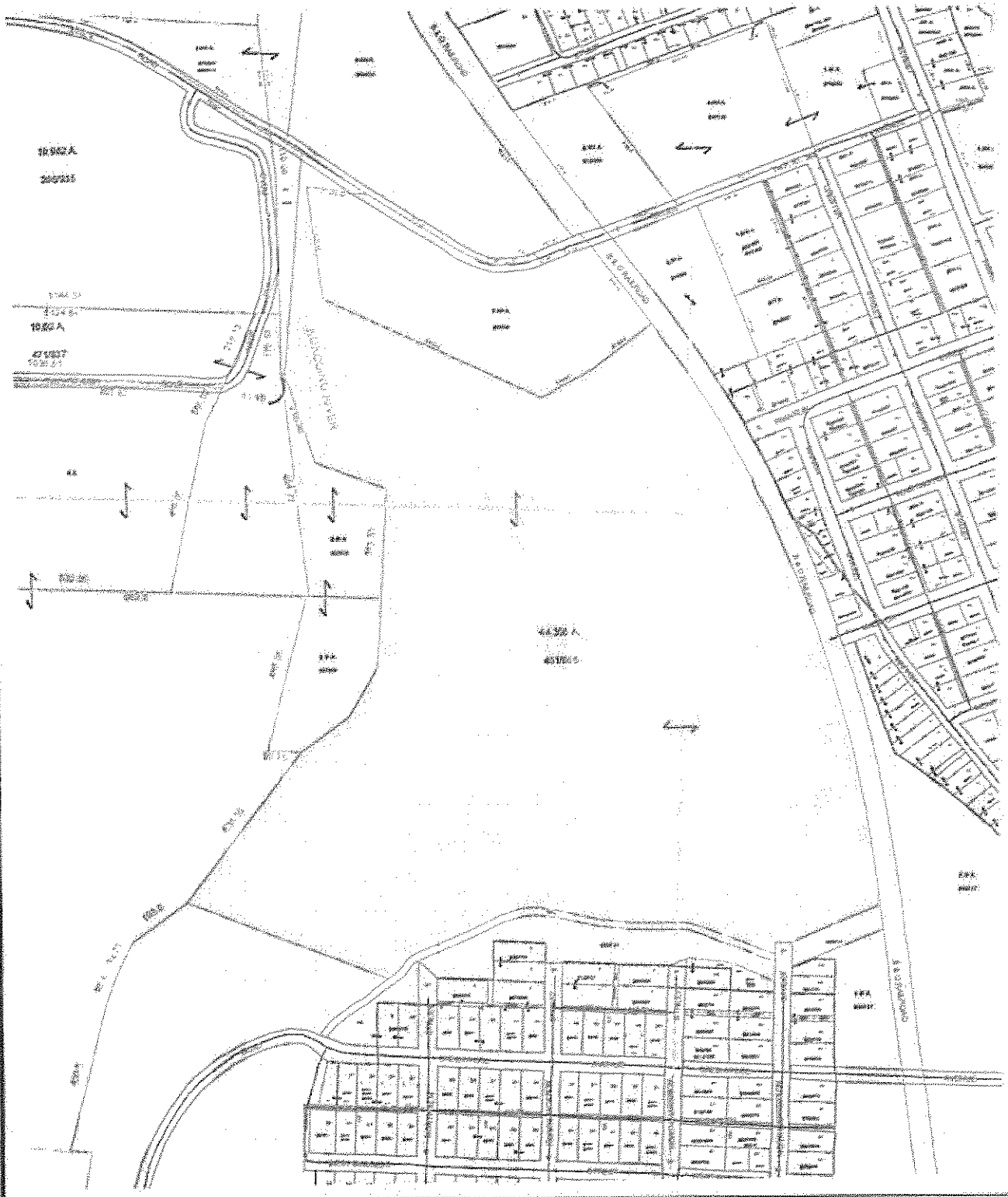
Owner Address: 8700 WEST BRYN MAWR AVE

CHICAGO IL 60631

Property Address: 0 MADISON ST



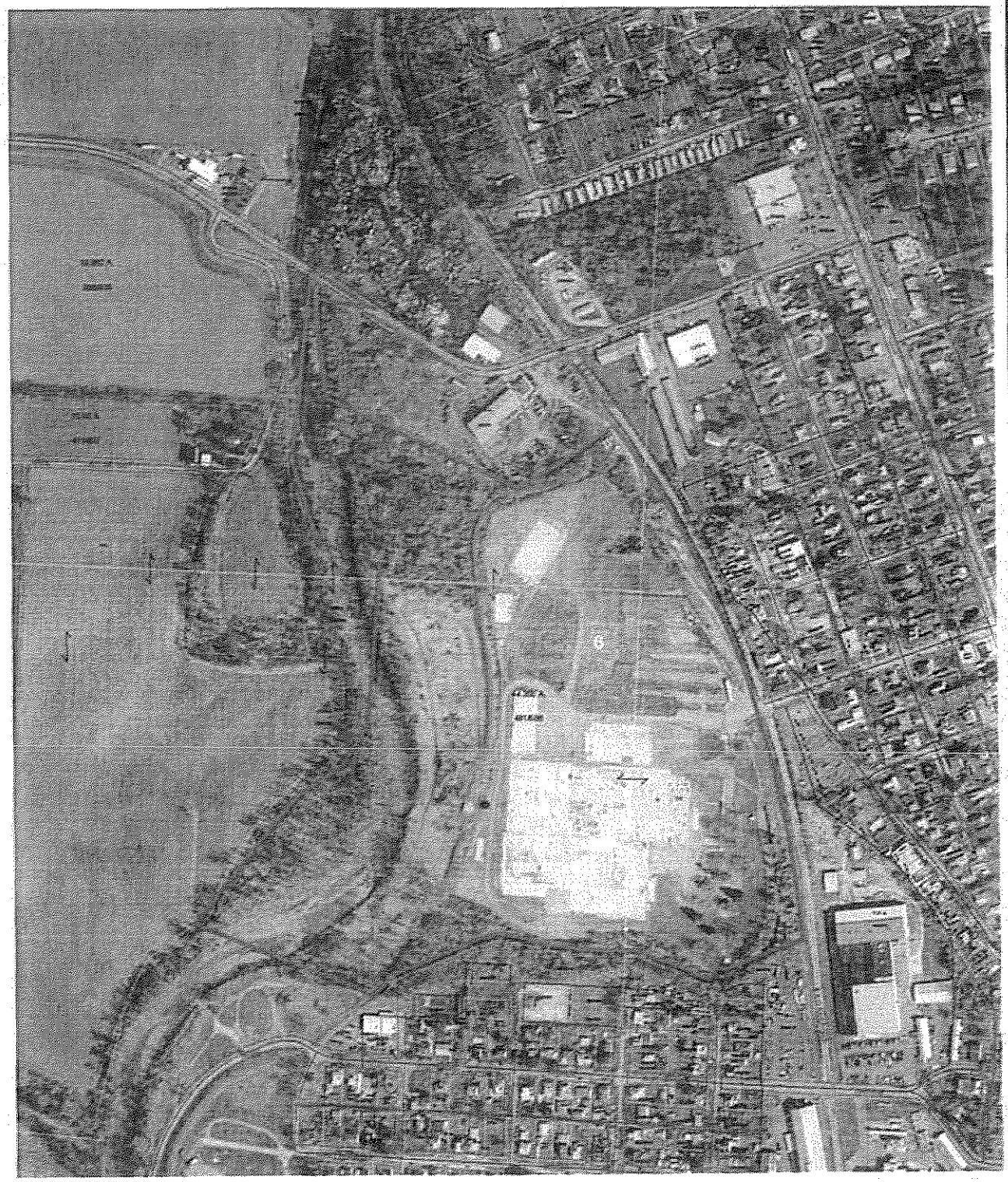
PROPERTY COORDINATES



PECHINEY PLASTIC PACKAGING, INC.
FORMER AMERICAN NATIONAL CAN SITE
MOUNT VERNON, OHIO

SITE PARCEL MAP

BURGESS & NIPLE, INC.
ENGINEERS AND ARCHITECTS

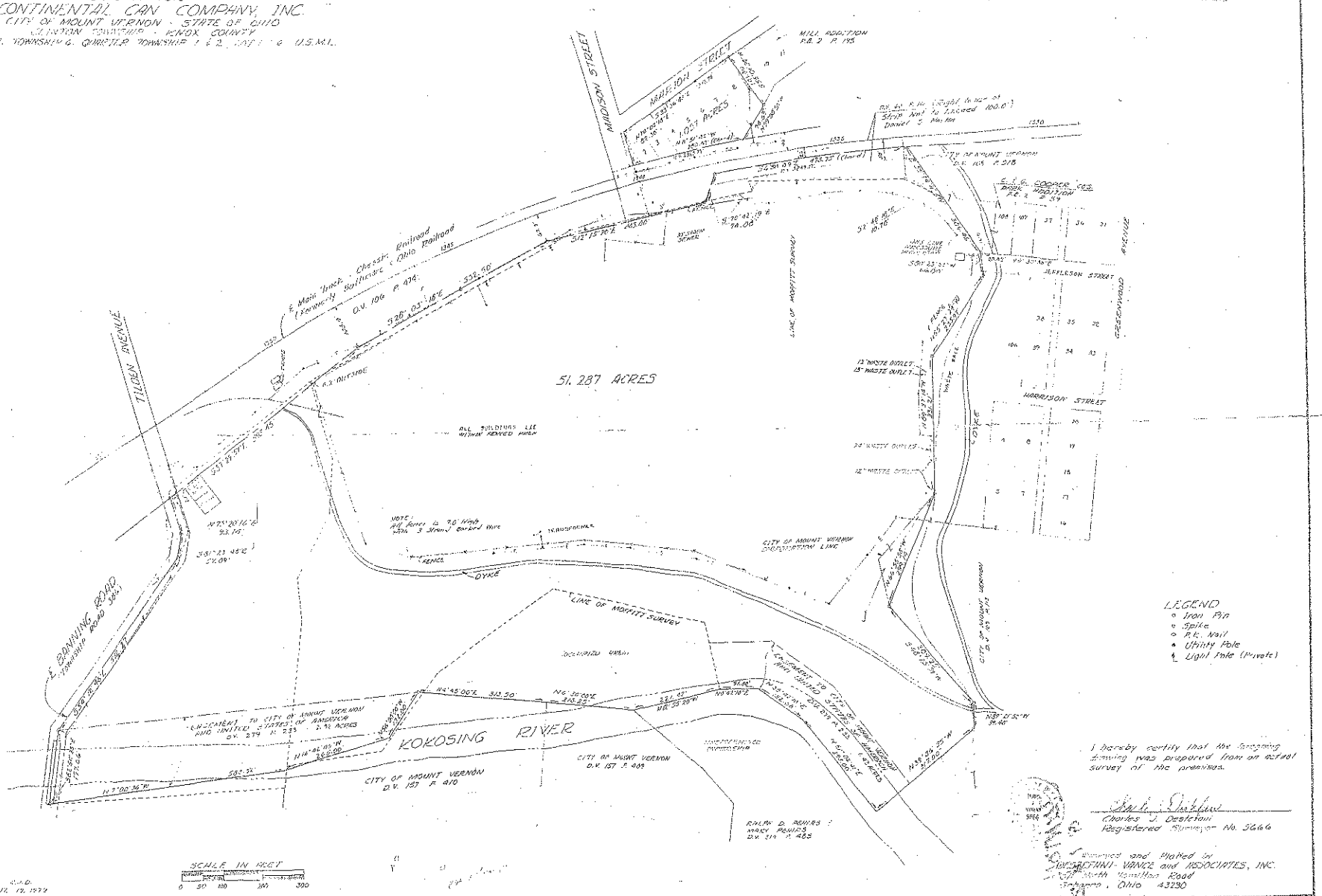


PECHINEY PLASTIC PACKAGING, INC.
FORMER AMERICAN NATIONAL CAN SITE
MOUNT VERNON, OHIO

SITE PARCEL AERIAL

BURGESS & NIPLE, INC.
ENGINEERS AND ARCHITECTS

SURVEY FOR
CONTINENTAL CAN COMPANY, INC.
CITY OF MOUNT VERNON - STATE OF OHIO
COLERAIN TOWNSHIP - KNOX COUNTY
RANGE 13, TOWNSHIP 6, QUARTER TOWNSHIP 1 & 2, CART 6 U.S.M.L.

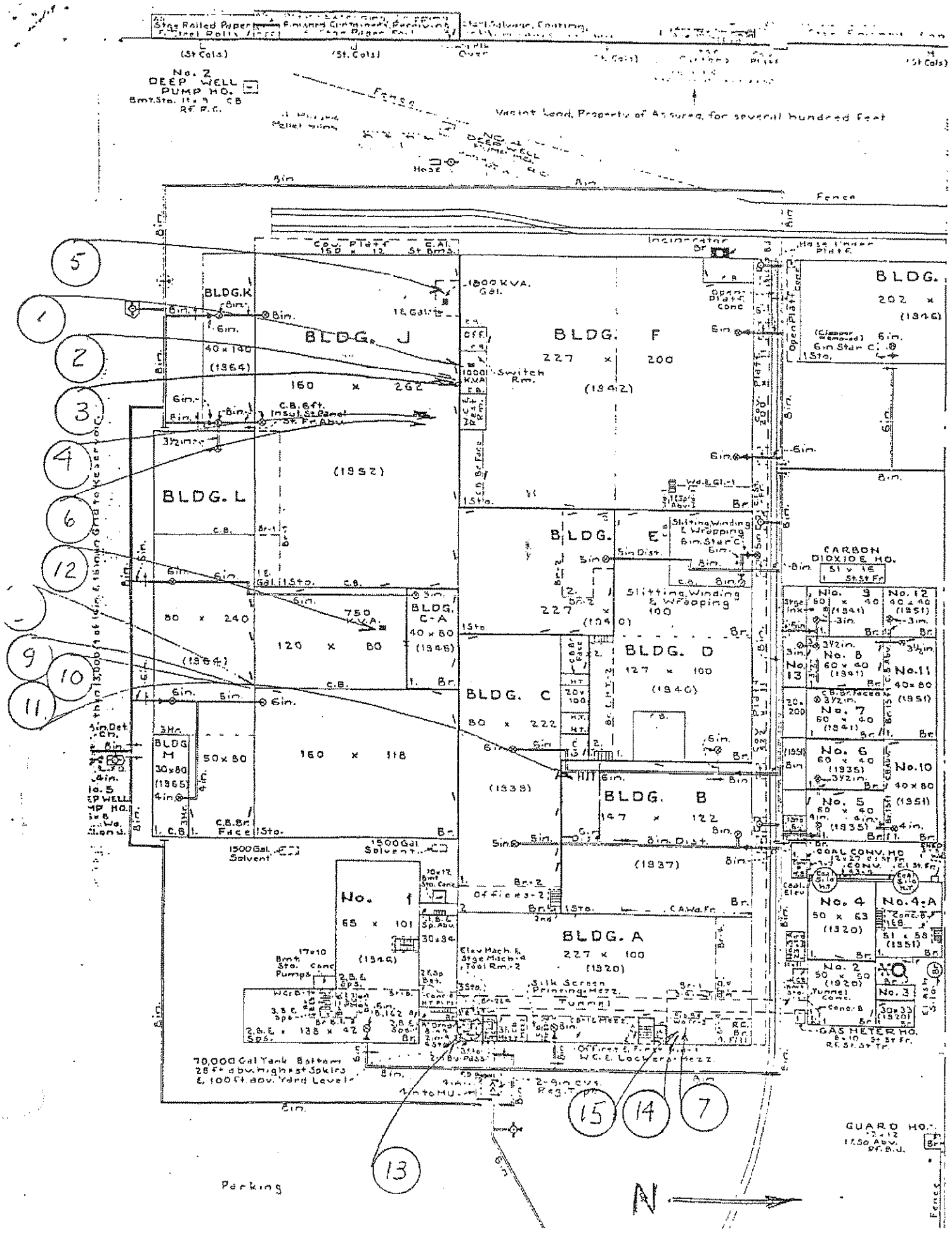


I hereby certify that the foregoing drawing was prepared from an actual survey of the premises.

Charles J. Dietrich
Registered Surveyor No. 5666

Surveyed and Plotted by
DIETRICH-VANCE and ASSOCIATES, INC.
North Hamilton Road
Columbus, Ohio 43230

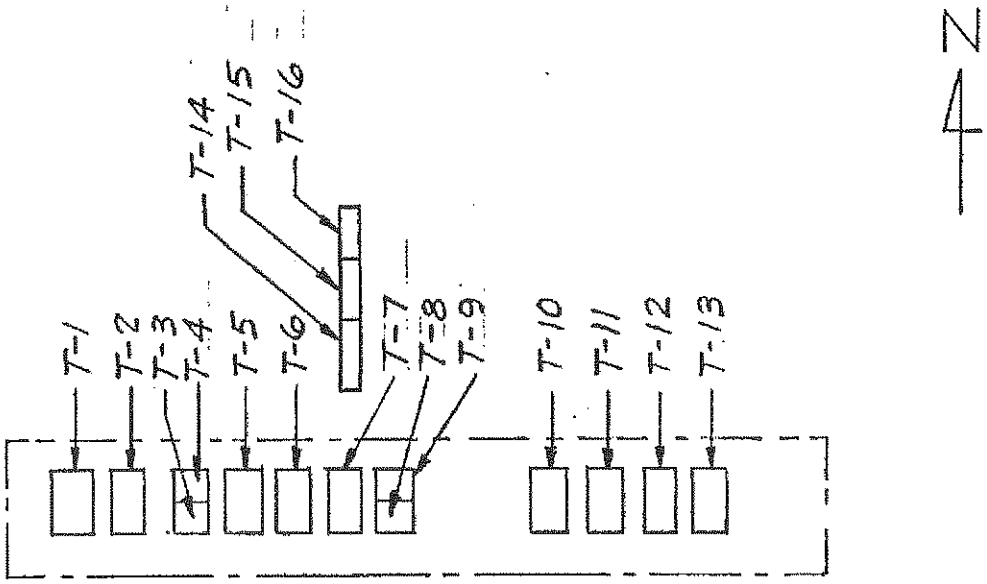
DRAWN BY: K.A.D.
DATE: APRIL 19, 1979
FIELD NOTE SURVEY


No. 2 DEEP WELL PUMP HO.
Vacant Land, Property of Assured, for several hundred feet
BLDG. K
BLDG. J
160 x 262
(1964)
(1952)
BLDG. L
80 x 240
(1964)
120 x 80
750 K.V.A.
BLDG. C-A
40 x 80
(1946)
BLDG. M
30 x 80
(1965)
50 x 80
160 x 118
1500 Gal. Solvent
No. 1
65 x 101
(1946)
BLDG. F
227 x 200
(1942)
1000 KVA. Switch Rm.
1800 KVA. Gal.
BLDG. E
Slitting, Winding & Wrapping
227 x 100
(1940)
BLDG. D
127 x 100
(1940)
BLDG. C
80 x 222
(1938)
BLDG. B
147 x 122
(1937)
BLDG. A
227 x 100
(1920)
Silk Screen Printing Mezz.
Tunnel
Offices & Plant Engr. W.C.'s Lockers Mezz.
70,000 Gal Tank Bottom 28 ft abv. highest Spkrs & 100 ft abv. Yard Level
2-8in. Svc. Reg. Tank
BLDG. 202 x (1946)
CARBON DIOXIDE HO.
No. 9 60 x 40 (1941)
No. 12 40 x 40 (1951)
No. 8 60 x 40 (1941)
No. 13
No. 11 40 x 80 (1951)
No. 7 60 x 40 (1941)
No. 6 60 x 40 (1935)
No. 10 40 x 80
No. 5 60 x 40 (1935)
COAL CONV. HO.
No. 4 50 x 63 (1920)
No. 4-A 51 x 58 (1951)
No. 2 50 x 50 (1920)
No. 3
GAS METER HO.
GUARD HO.
Parking
N

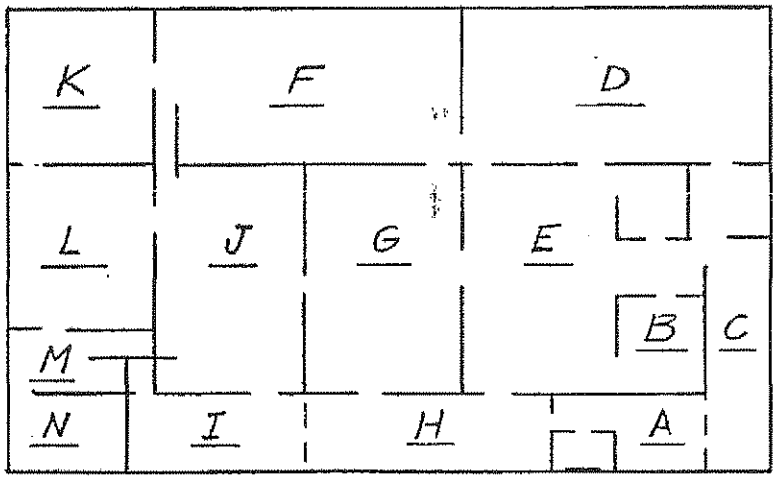
ITEM NO.	DATE IN SERVICE	EQUIPMENT	SERVICE LOCATION	SIZE
1		Transformer (Sub) GEB977355	Bldg. "F" Sub "C" Lam.Dept. Main Sub	1000KVA
2		Transformer (Lighting) GEB341305	Bldg. "J" Substation "C"	100KVA
3		Transformer (Lighting) GEB341306	Bldg. "J" Substation "C"	100KVA
4		Transformer GEB694310	Bldg. "J" #22 Extruder	500KVA
5		Transformer GEE688382	Bldg. "J" #19 Extruder Substation	1000KVA
6		Transformer GEG856010	Bldg. "J" Platform #23 Extruder	1000KVA
7		Transformer GEC856013	Sub "A" Machine Shop Substation	1000KVA
8		Transformer (Lighting) WE3412559	Sub "B"	200KVA
9		Transformer (Lighting) WE338210	Sub "B"	75KVA
10		Transformer (Lighting) WE4657715	Sub "B"	200KVA
11		Transformer (Lighting WE3160058	Sub "B"	100KVA
12		Transformer GEH887438	Bldg. "J" Electric Shop Area - Sub "D"	1000KVA
13		Transformer - Ward #24589	Bldg. "A" Sub "J" 3rd Floor - South	750KVA
14		Transformer (Lighting) GEC784281	Sub "A" Machine Shop	75KVA
15		Transformer (Lighting) WE2800703	Sub "A" Machine Shop Area	75KVA
			TOTALS OF TRANSFORMERS	

CAPACITORS AND TRANSFORMERS
MOUNT VERNON, OHIO

NUMBER	TRANSFORMER OR CAPACITOR	MANUFACTURER AND SERIAL #	LOCATION	LOCATION
1	Transformer	GE E688382	Bldg J Ext 19	Sub E
1	Transformer	GE E694310	Bldg J Ext 22	Sub F
1	Transformer	GE B341305	Bldg J Sub C	Sub C
1	Transformer	GE B341306	Bldg J Sub C	Sub C
1	Transformer	GE G856010	Bldg J Plat 23	Sub G
1	Capacitor	GE A79579	Bldg J Ext 23	Sub G
2	Capacitor	55 F317AC	Plat 19 Ext 22	Sub F
1	Capacitor	GE 55F318AD	Sub E-25 Plat	Sub E
1	Capacitor	GE 55F313AD	Bldg J Ext 19	Sub E
1	Capacitor	GE D37314	Bldg J Ext 19	Sub E
1	Capacitor	GE B76226	Top Cabinet 22	Sub F
1	Capacitor	GE B76205	Top Cabinet 22	Sub F
1	Capacitor	GE B91983	Top Cabinet 22	Sub F
1	Capacitor	GE D42606	Top Cabinet 22	Sub F
1	Capacitor	GE D55559	Plat 19 Ext 22	Sub F
8	Capacitor	GE 38F99 (GEH-1453)	Lam Mech Mid	Die Room
8	Capacitor	GEH-255	Lam Mech South	Die Room
1	Capacitor	GE 55764	Fan Ext 23 South	XL 23
1	Tranformer	GE H887438	Bldg J Elec	Sub H
8	Capacitor	GE 56062	Sub B South	Sub B
1	Capacitor	GE UNKNOWN	Sub B North	Sub B
1	Transformer	WE 3380210	Sub B	Sub B
1	Transformer	WE 4657715	Sub B	Sub B
1	Transformer	WE 3160058	Sub B	Sub B
1	Capacitor	GE B106538	P-15 Oven Fan	P-15
1	Capacitor	GE C19719	P-15 Oven Fan	P-15
1	Capacitor	GE B106533	P-15 Oven Fan	P-15
1	Capacitor	GE C19739	P-15 Oven Fan	P-15
1	Capacitor	GE C19721	P-15 Oven Fan	P-15
1	Capacitor	GE B106531	P-15 Oven Fan	P-15
1	Capacitor	GE B105438	P-15 Oven Fan	P-15
1	Capacitor	GE C19727	P-15 Oven Fan	P-15
1	Capacitor	GE C19720	P-15 Oven Fan	P-15
1	Capacitor	GE B101934	P-15 Oven Fan	P-15
8	Capacitor	GE 38F99	2nd Floor N	2nd Floor
10	Capacitor	GE 52903	Mach S Panel	Machine Shop
6	Capacitor	GE 52902	Old Elec Boil	Boiler House
6	Capacitor	GE 37F54261	Rew East Floor	Finishing
4	Capacitor	GE 38F97	Rew Hall East	Finishing
6	Capacitor	GE 38F97	Rew Hall East	Small Lam
1	Capacitor	GE 55344KD	P-17 Control	P-17
3	Capacitor	GE 38F98	Small Lam Room	Small Lam Room
1	Capacitor	GE 55F345AE	Compactor	Compactor



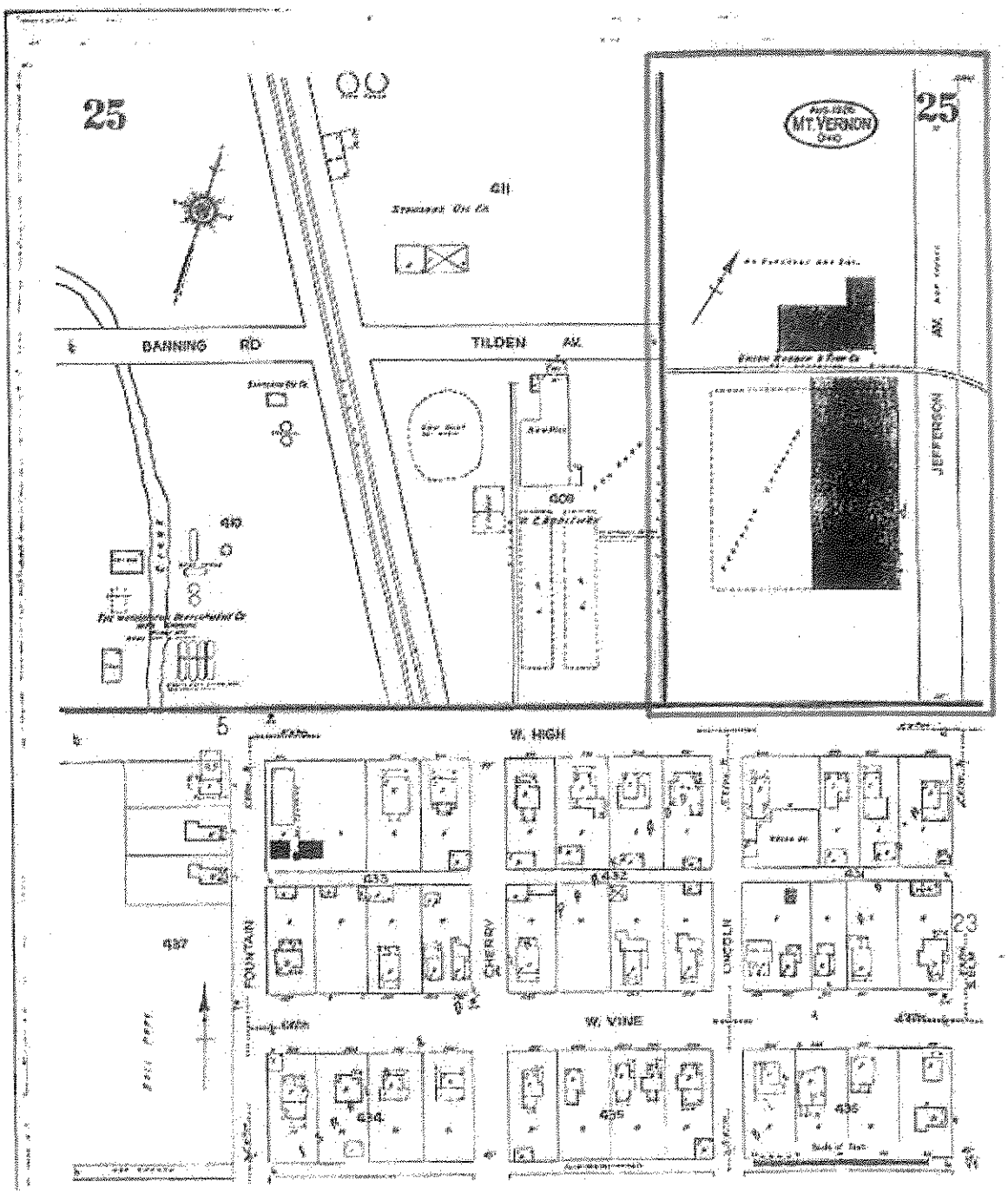
STORAGE TANKS



AREA B-2

AMERICAN NATIONAL CAN
MOUNT VERNON, OHIO PLANT

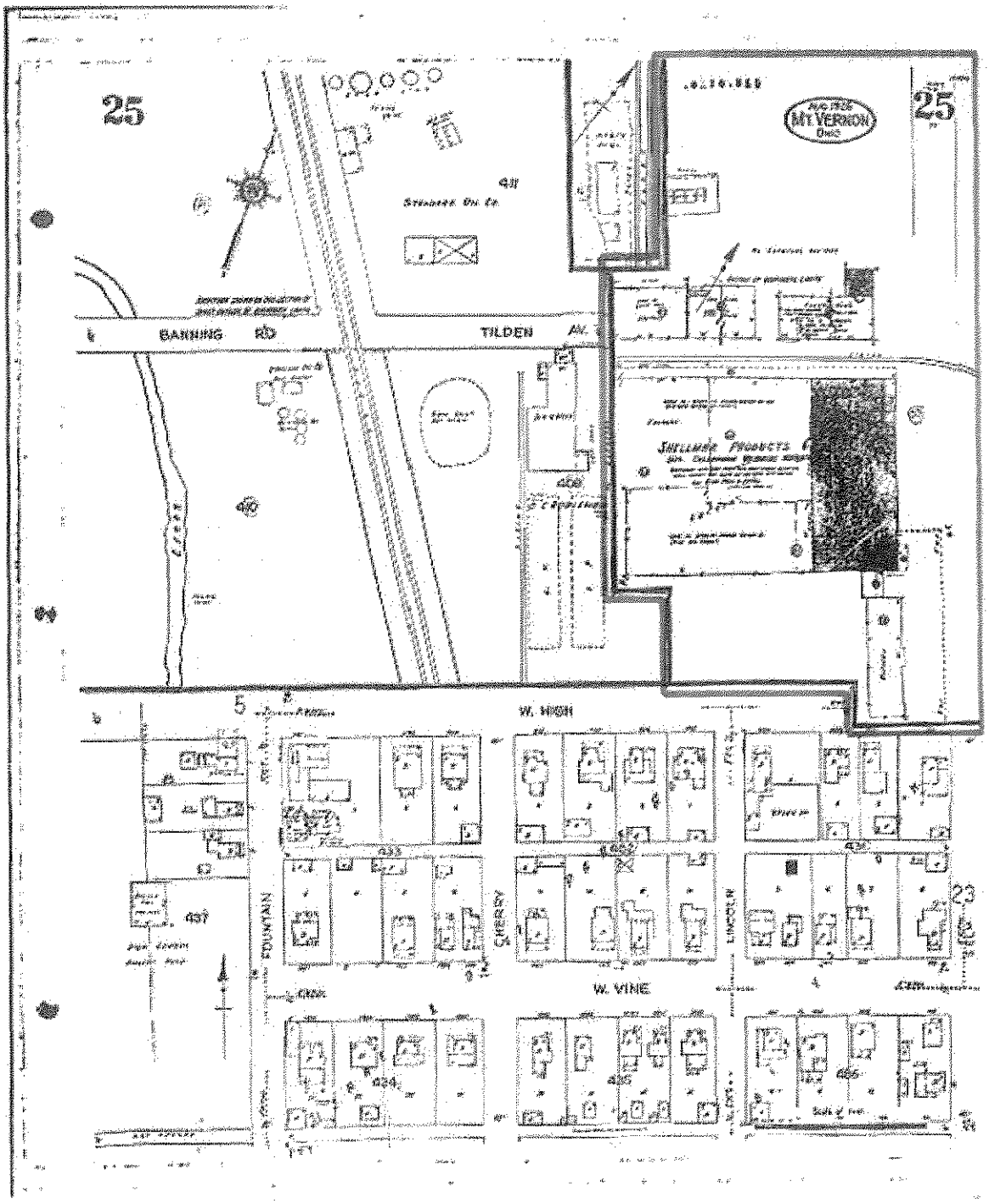
2-20-88-3



PECHINEY PLASTIC PACKAGING, INC.
FORMER AMERICAN NATIONAL CAN SITE
MOUNT VERNON, OHIO

1926 SANBORN MAP

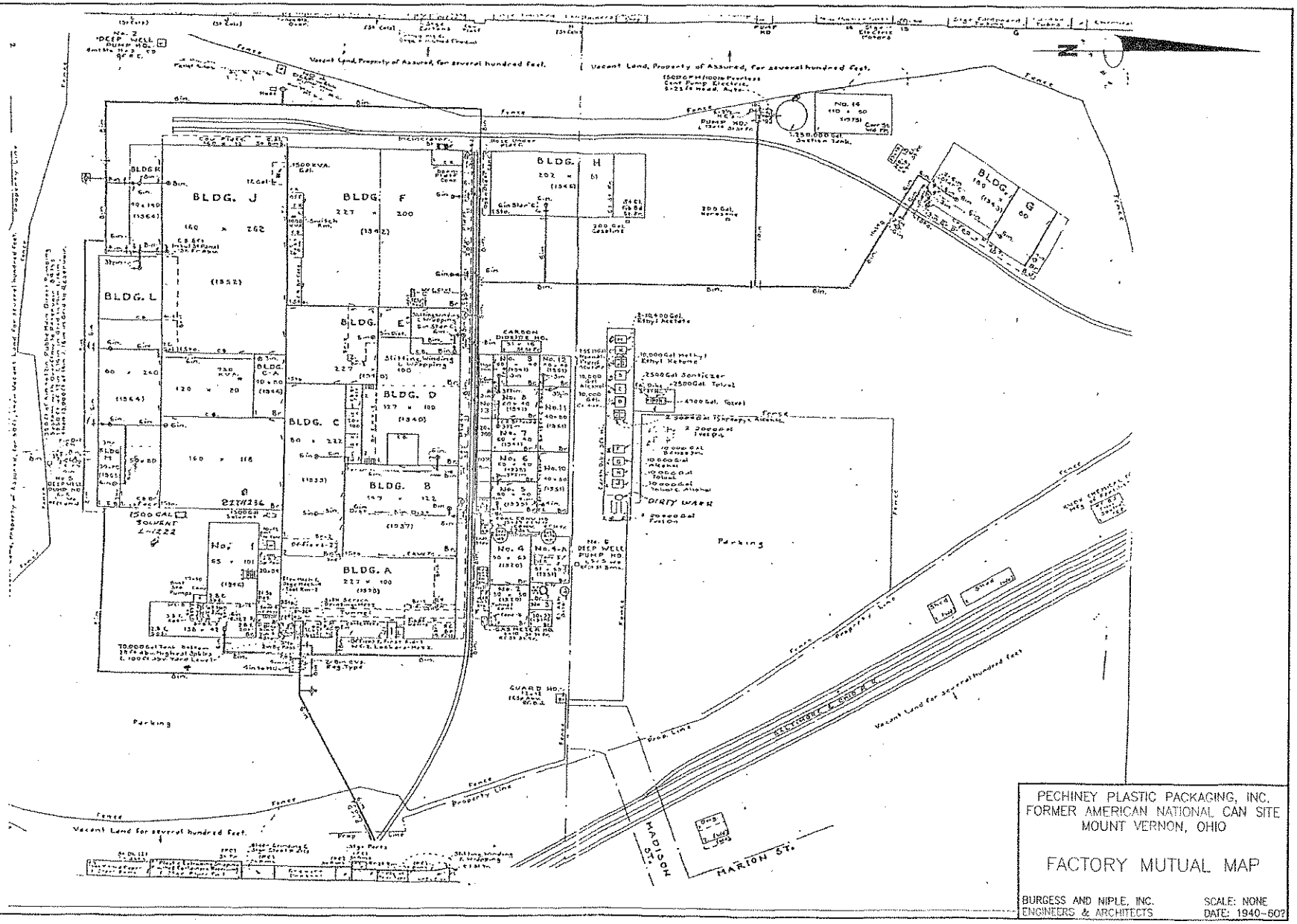
BURGESS & NIPLE, INC.
ENGINEERS AND ARCHITECTS



PECHINEY PLASTIC PACKAGING, INC.
FORMER AMERICAN NATIONAL CAN SITE
MOUNT VERNON, OHIO

1949 SANBORN MAP

BURGESS & NIPLE, INC.
ENGINEERS AND ARCHITECTS



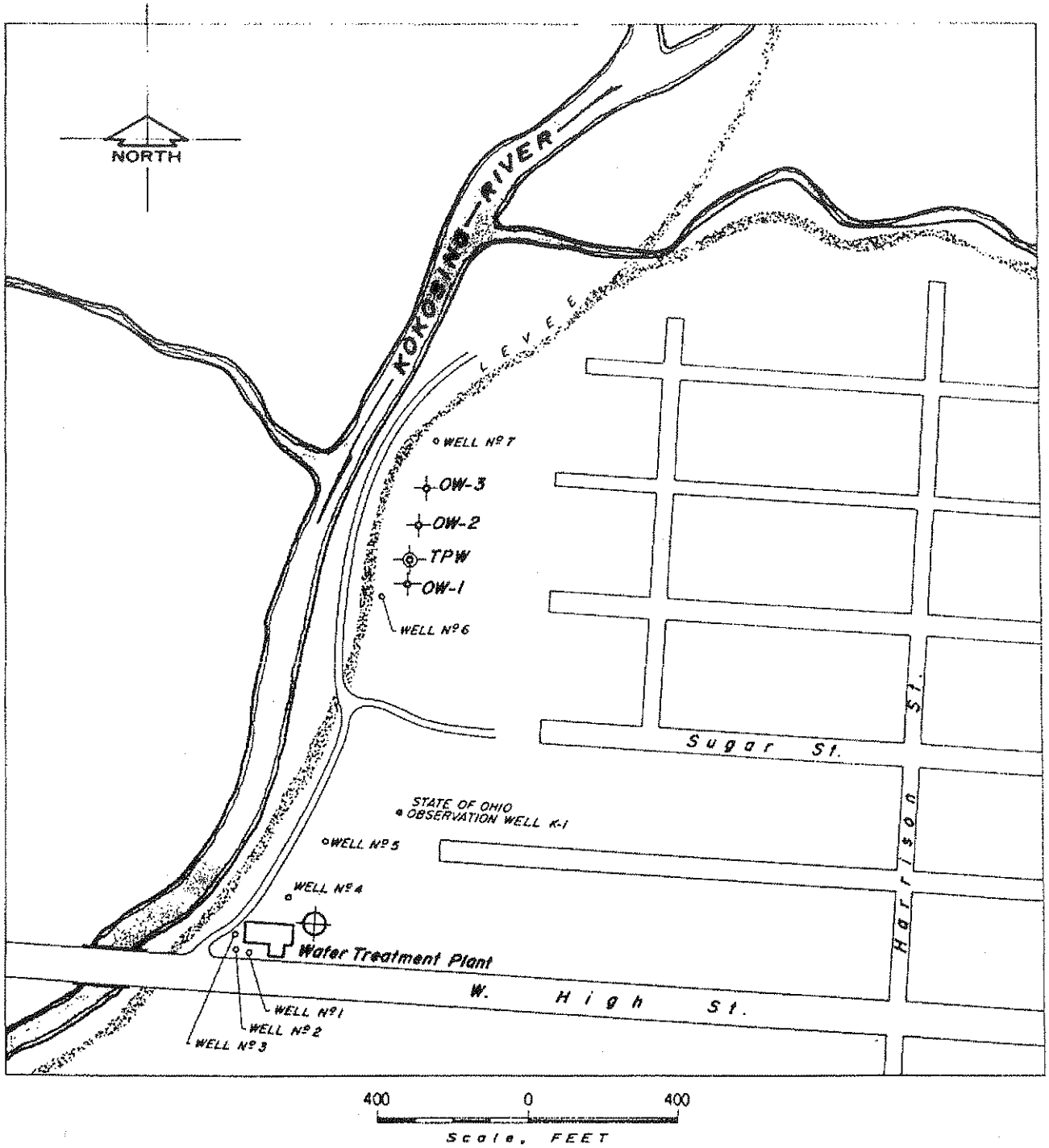
PECHINEY PLASTIC PACKAGING, INC.
FORMER AMERICAN NATIONAL CAN SITE
MOUNT VERNON, OHIO

FACTORY MUTUAL MAP

BURGESS AND NIPLE, INC.
ENGINEERS & ARCHITECTS

SCALE: NONE
DATE: 1940-60?

P:\PR4437 DD\EXISTINGFIGURE.DWG 8-4-07 10:58:24 am COXD



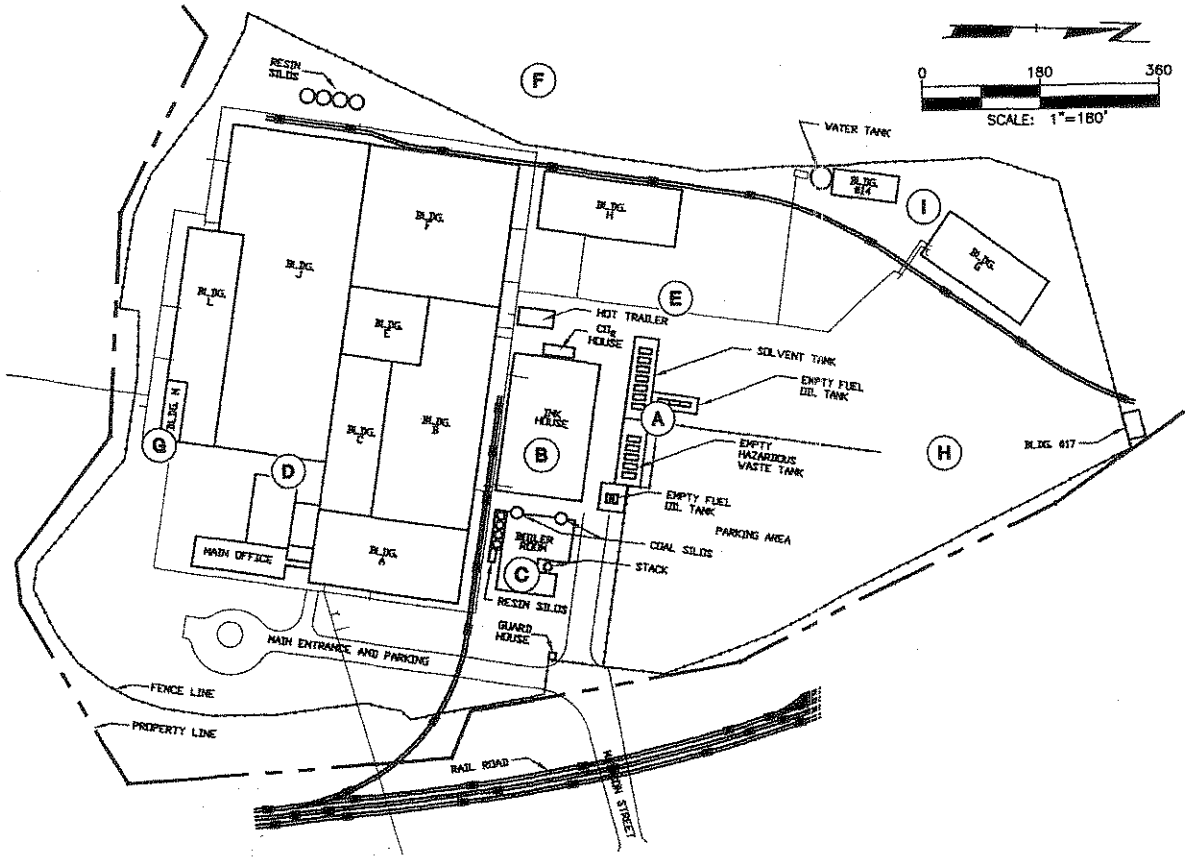
LEGEND:

- ◦ Existing city production wells.
- Observation wells (RANNEY 1987).
- Test pumping well (RANNEY 1987).

Fig. 1

LOCATION MAP.

MT. VERNON, OHIO



AREA	NAME
A	ABOVE GROUND STORAGE TANKS AND FORMER UNDERGROUND PIPING
B	OLD INK HOUSE
C	BOILER ROOM
D	FORMER 1,500 GALLON SOLVENT USTS
E	FORMER #2 DIESEL FUEL UST
F	FORMER AREA OF SURFACE BURNING
G	LOADING DOCK SPILLS
H	FORMER COAL STORAGE
I	SOIL STAINING

LOCATION OF IDENTIFIED AREAS
AMERICAN NATIONAL CAN
MT. VERNON, OHIO

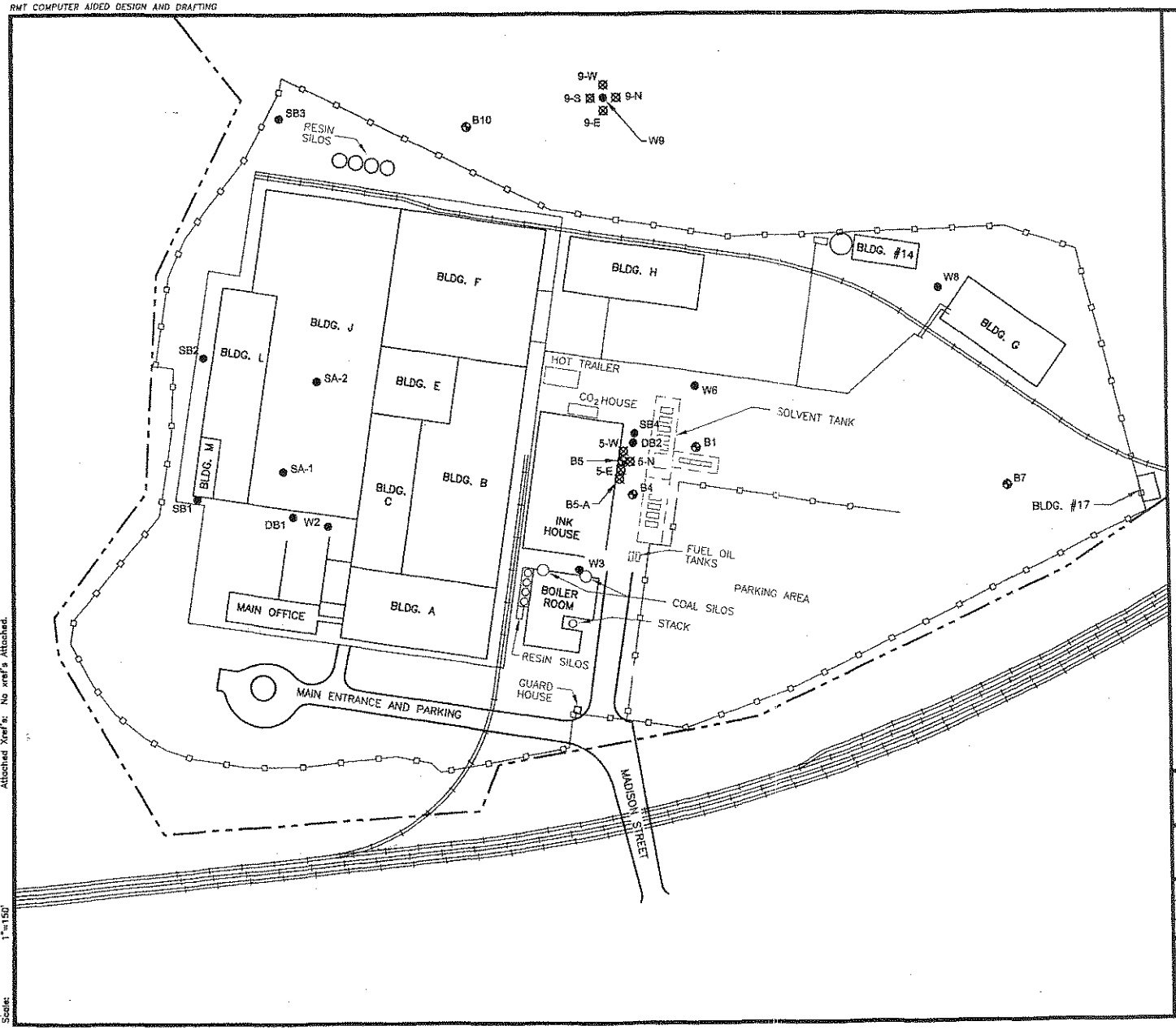
(X) IDENTIFIED AREA

RMT INC.

DWN. BY	DFL/MWC
APPROVED BY	
DATE	SEPT, 1998
PROJ. #	4437.03
FILE #	44370302

FIGURE 2.1

RMT COMPUTER AIDED DESIGN AND DRAFTING



LEGEND

- APPROXIMATE PROPERTY LINE
- FENCE LINE
- RAILROAD
- SB2/W9 — MONITORING WELL LOCATION AND NUMBER
- B7 — SOIL BORING LOCATION AND NUMBER
- 9-E — ADDITIONAL SOIL BORING LOCATION AND NUMBER

N

0 150' 300'

SCALE IN FEET

AMERICAN NATIONAL CAN
MT. VERNON, OHIO

BORING / MONITORING WELL LOCATION MAP
AUGUST 1999

DRAWN BY:	SJL	PROJECT NUMBER:	4437.07
CHECKED BY:	JDG	FILE NUMBER:	44370701.DWG
APPROVED BY:		DATE:	OCTOBER 1999

RMT INC., MICHIGAN
1143 HIGHLAND DRIVE, SUITE B
ANN ARBOR, MI. 48108-2237
P.O. BOX 991 48106-0991
PHONE: 734-971-7080
FAX: 734-971-9022

FIGURE 1

PLOT DATA
Drawing: 44370701.dwg
Operator Name: JL
Scale: 1"=150'
Dwg Size: 472276 Bytes
Date: 196
Plot Time: 08:11:56:44 AM
Attached Xref's: No xref's Attached.

RMT
744 Heartland Trail
Madison, WI 53717-1934
Tel. (608) 831-4444 • Fax (608) 831-3334

WORKING COPY

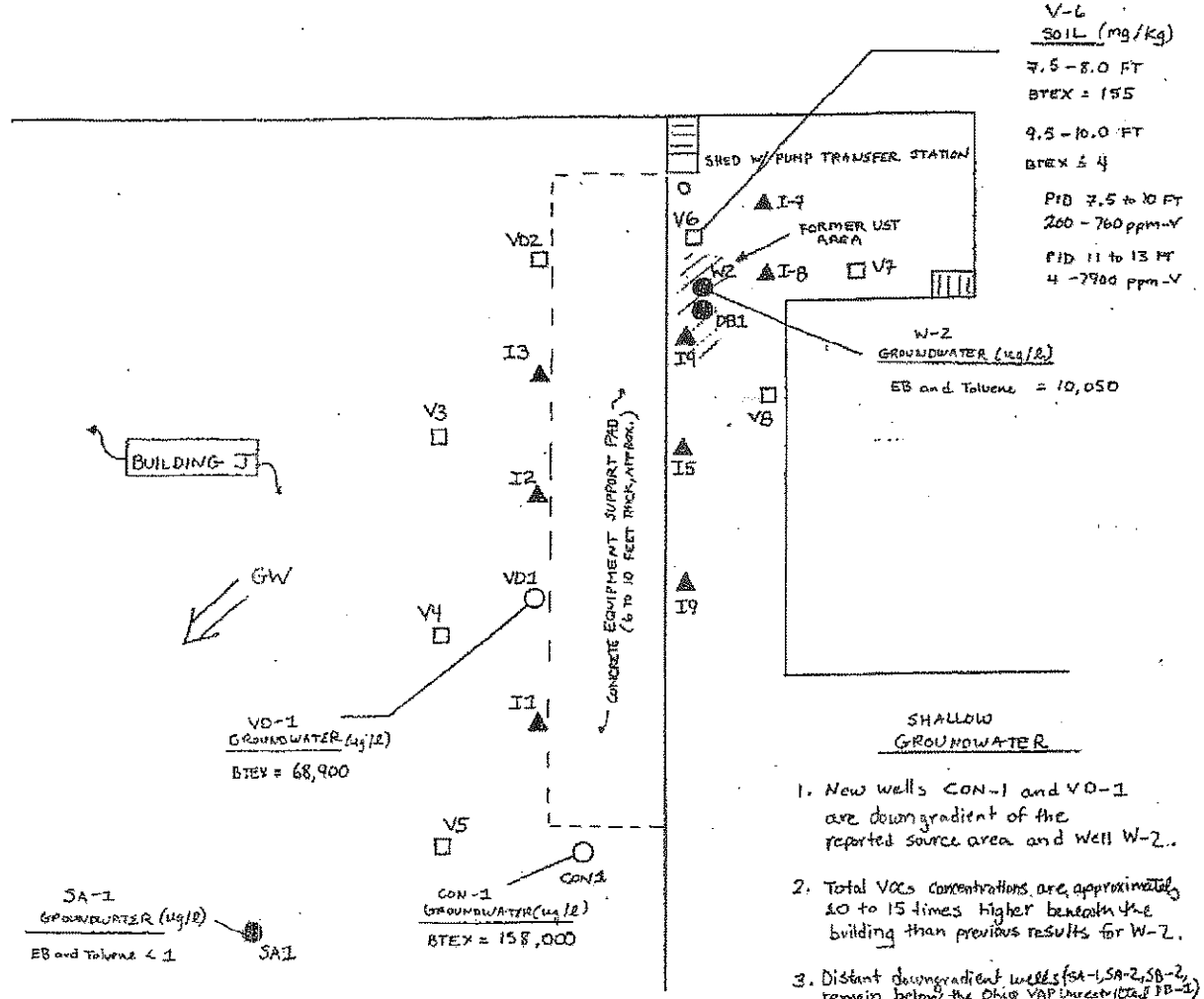
SHEET 1 OF 1

PROJECT / PROPOSAL NAME / LOCATION: PECHINEY, MT. VERNON, OHIO		PROJECT / PROPOSAL NO.	5401.01
SUBJECT: CHEMICAL OXIDATION - PREREMEDIATION SITE DATA		FINAL	☐
PREPARED BY: S. McAnulty / B. Rehm	DATE: 10-3-00 Draft	REVISION	☐
CHECKED BY:	DATE:		

LEGEND
- ● EXISTING WELL
- ○ NEW WELL (8/00)
- ▲ INJECTOR
- ☐ VENT
- - - - APPROXIMATE LOCATION OF CONCRETE PAD

NORTH

0 20
Approx SCALE (FEET)



VADOSE ZONE SOIL

1. Photoionizing detector (PID) screening during the installation of injectors, vents, and monitoring wells CON-1 and VD-1 found values in excess of 100 ppm-V at 13 locations (only V7 was below 100 ppm-V) ● SA2.

2. Soil samples collected at V6 (for treatability study) suggest VOCs on the order of 100 to 200 mg/kg are likely present at locations with elevated PID readings.

3. Approximate depth of water table is about 11 to 12 feet below ground surface.

4. Based on PID screening and V-6 soil analyses (2), VOCs are found as much as 7 feet above the water table adjacent to and below the building.

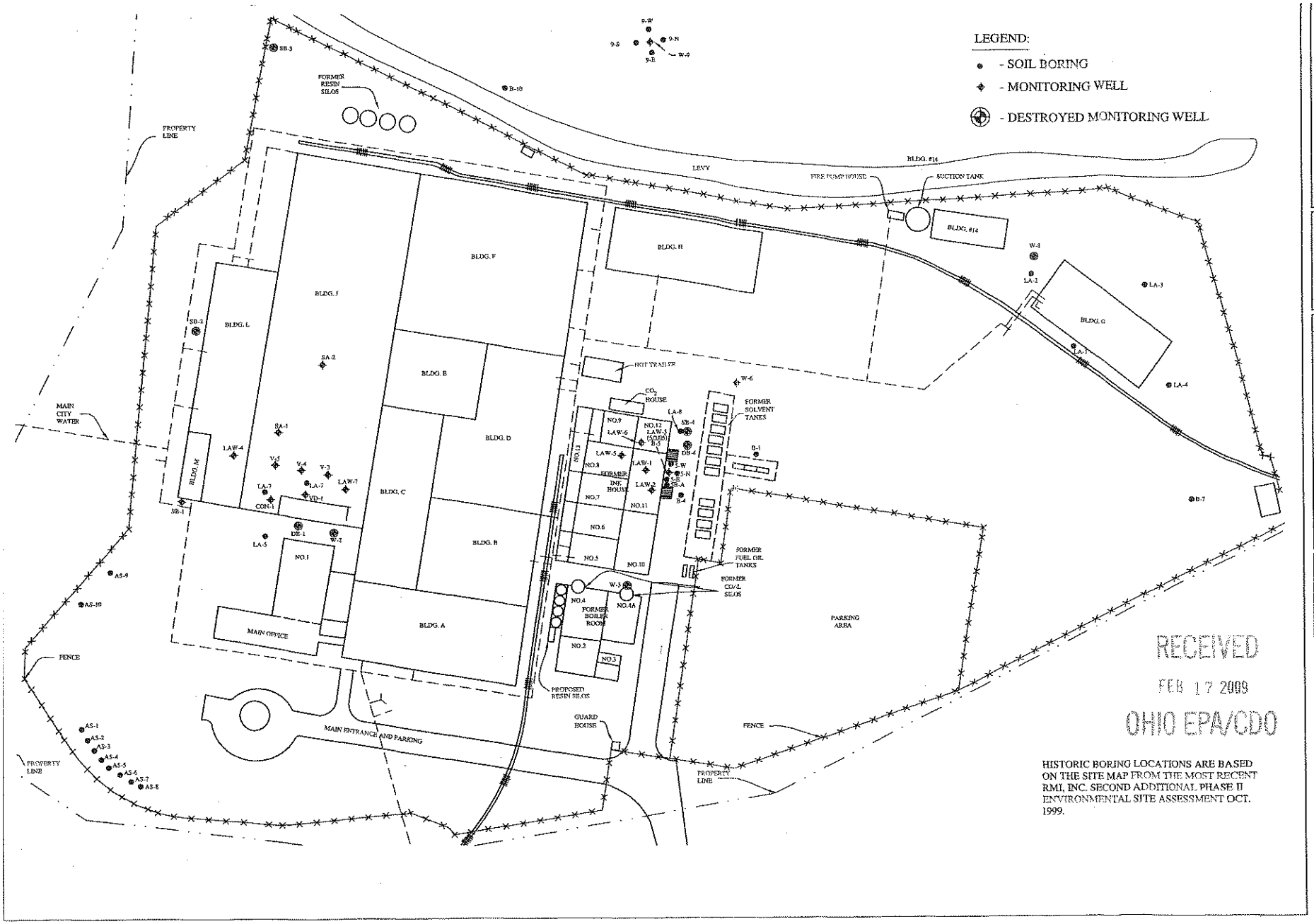
SHALLOW GROUNDWATER

1. New wells CON-1 and VD-1 are downgradient of the reported source area and well W-2.

2. Total VOCs concentrations are approximately 10 to 15 times higher beneath the building than previous results for W-2.

3. Distant downgradient wells (SA-1, SA-2, SB-2, remain below the Ohio VAP Unrestricted PB-1) Potable Use Standards.

I:\WPS\INFORMS\FORM3E3B.rtd



RECEIVED
FEB 17 2009
OHIO EPA/CDO

HISTORIC BORING LOCATIONS ARE BASED ON THE SITE MAP FROM THE MOST RECENT RMI, INC. SECOND ADDITIONAL PHASE II ENVIRONMENTAL SITE ASSESSMENT OCT. 1999.

975 Eastwind Drive, Suite 190 Westerville, OH. 43081
Ph. (614) 818-5200 Fax (614) 818-5219

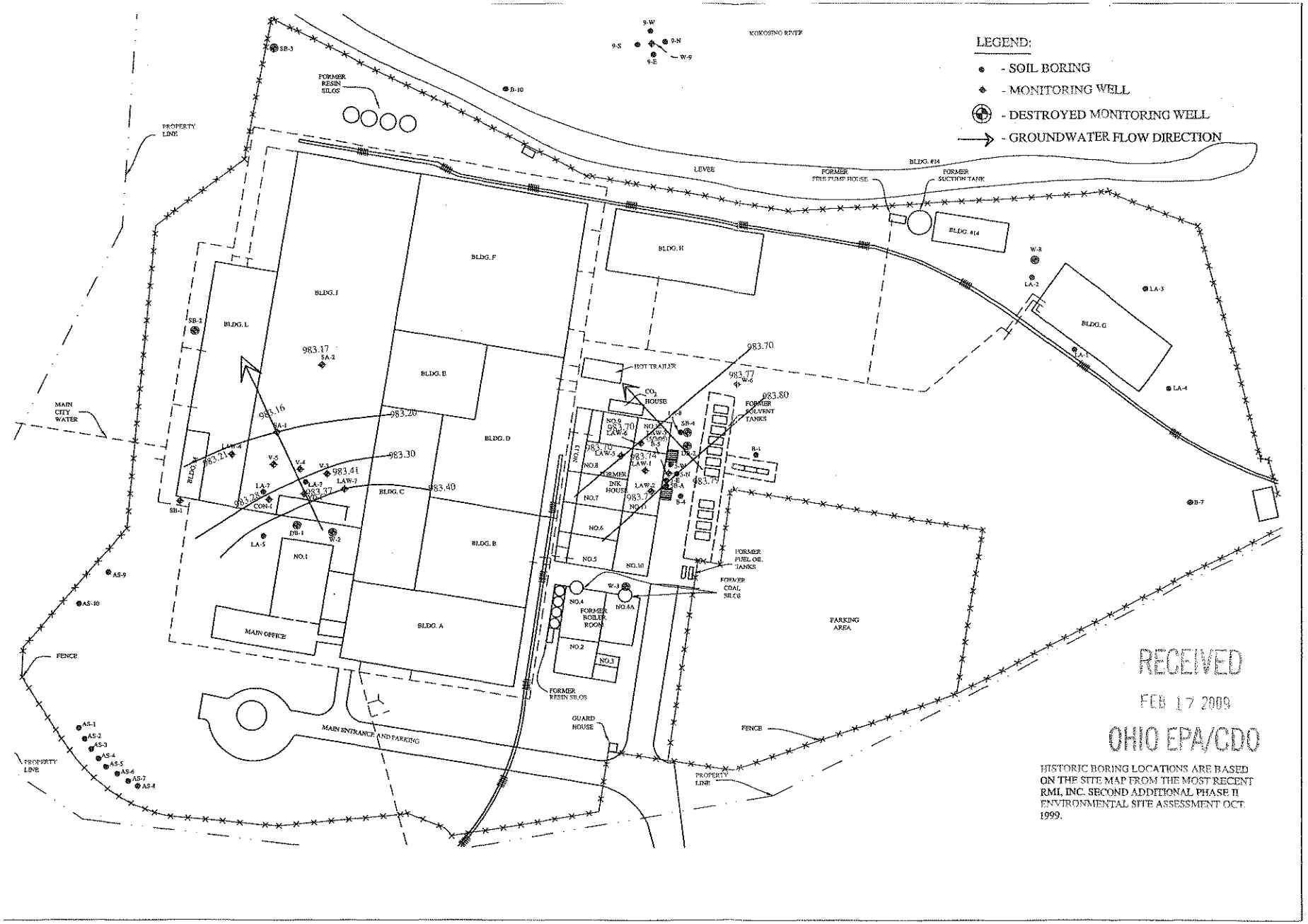
0' 50' 100'
1" = 100'

DATE	REVISIONS	BY
	REVISED IN ACCORDANCE WITH CONSTRUCTION RECORDS	

RAMSER – MT. VERNON
SITE MAP
201 W. MADISON STREET
MT. VERNON, OHIO
PLOT

DESIGNED BY SMM	05/31/05
DRAWN BY SMM	05/31/05
CHECKED BY BW	05/31/05
FILE	LA05-0516
SCALE	1" = 100'

FIG 2



975 Eastwind Drive, Suite 190 Westerville, OH. 43081
Ph. (614) 818-5200 Fax (614) 818-5219

N

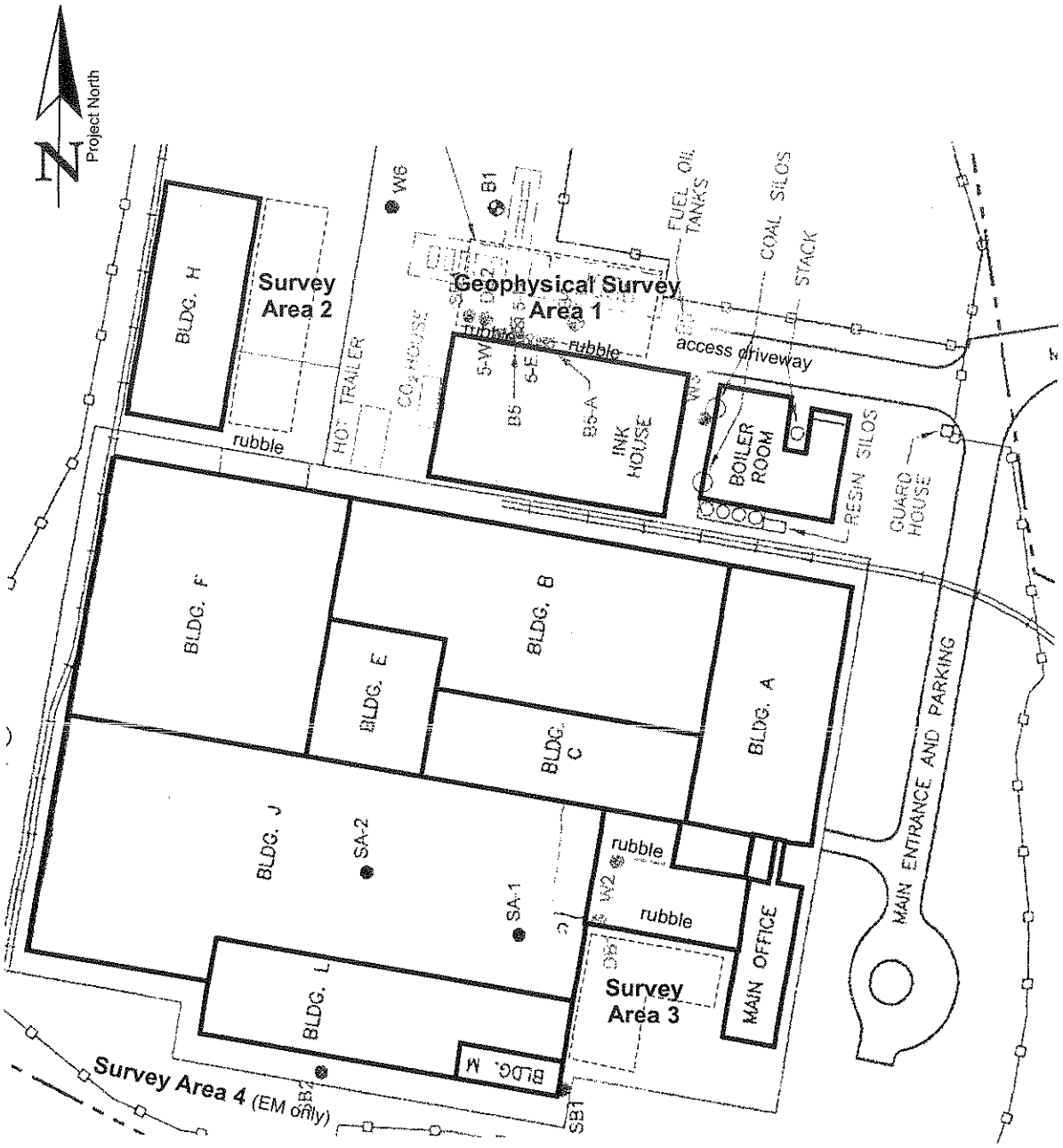
0' 50' 100'
1" = 100'

DATE	REVISIONS	BY
	REVISED IN ACCORDANCE WITH CONSTRUCTION RECORDS	

RAMSER - MT. VERNON
GROUNDWATER ELEVATION MAP
201 W. MADISON STREET
MT. VERNON, OHIO
PLOT

DESIGNED BY SMM	06/21/05
DRAWN BY SMM	06/21/05
CHECKED BY BW	06/21/05
FILE	LA05-0516
SCALE	1" = 100'

FIG 3



Notes:
GSSI SIR-3000 GPR System, 400 MHz antenna
512 samples/trace; ~10 traces/ft
GSSI GEM-300 EM Terrain Conductivity Profiler
Survey date: April 12, 2005
Locations of site and interpreted features are approximate. Site drawing provided by Lawhon & Associates

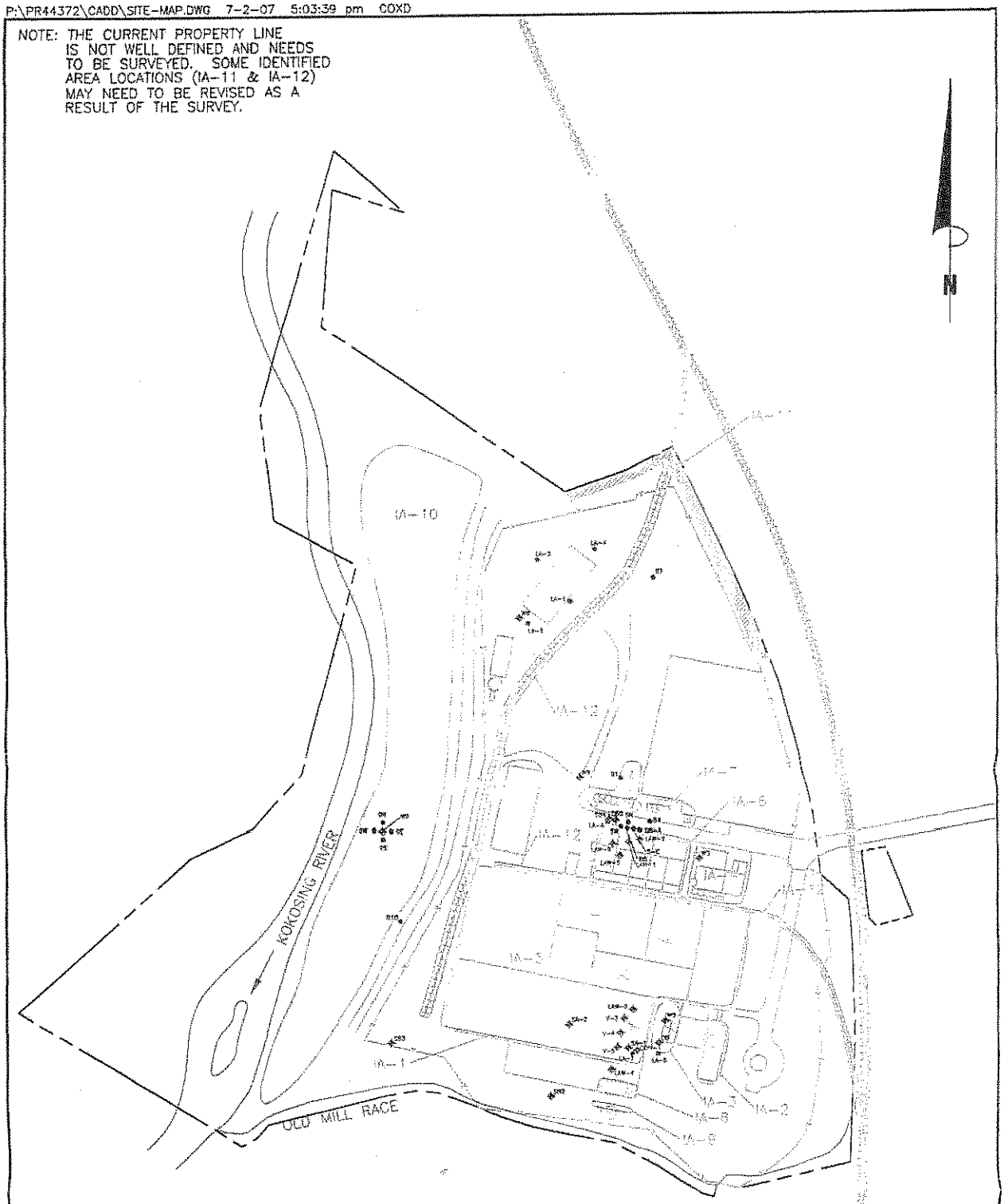
Grumman Exploration, Inc.
2309 Dorset Road, Columbus, Ohio 43221
Near-surface Geophysics, Non-destructive Subsurface Exploration

Project	Report of Geophysical Investigations		
Location	Former American Can Facility, Mt. Vernon, OH		
Client	Lawhon & Assoc.	By Dlg	Date 5/20/05
Project No.	01-25055	Checked	Scale not to scale

Figure 1	Title Site Diagram with Geophysical Survey Areas

P:\PR44372\CADD\SITE-MAP.DWG 7-2-07 5:03:39 pm COXD

NOTE: THE CURRENT PROPERTY LINE IS NOT WELL DEFINED AND NEEDS TO BE SURVEYED. SOME IDENTIFIED AREA LOCATIONS (IA-11 & IA-12) MAY NEED TO BE REVISED AS A RESULT OF THE SURVEY.



LEGEND

- SOIL BORING
- MONITORING WELL
- PROPERTY LINE
- FENCE

HISTORIC BORING LOCATIONS ARE BASED ON THE SITE MAP FROM THE MOST RECENT RMI, INC. SECOND ADDITIONAL PHASE II ENVIRONMENTAL SITE ASSESSMENT OCTOBER 1999

HISTORIC BORING LOCATIONS ARE BASED ON THE SITE MAP FROM THE LAWHON PHASE I ENVIRONMENTAL SITE ASSESSMENT DATED JUNE 2005

PECHINEY PLASTIC PACKAGING, INC.
FORMER AMERICAN NATIONAL CAN SITE
MOUNT VERNON, OHIO

SITE MAP

BURGESS AND NIPLE, INC.
ENGINEERS & ARCHITECTS

SCALE: 1"=200'
DATE: AUGUST 2007

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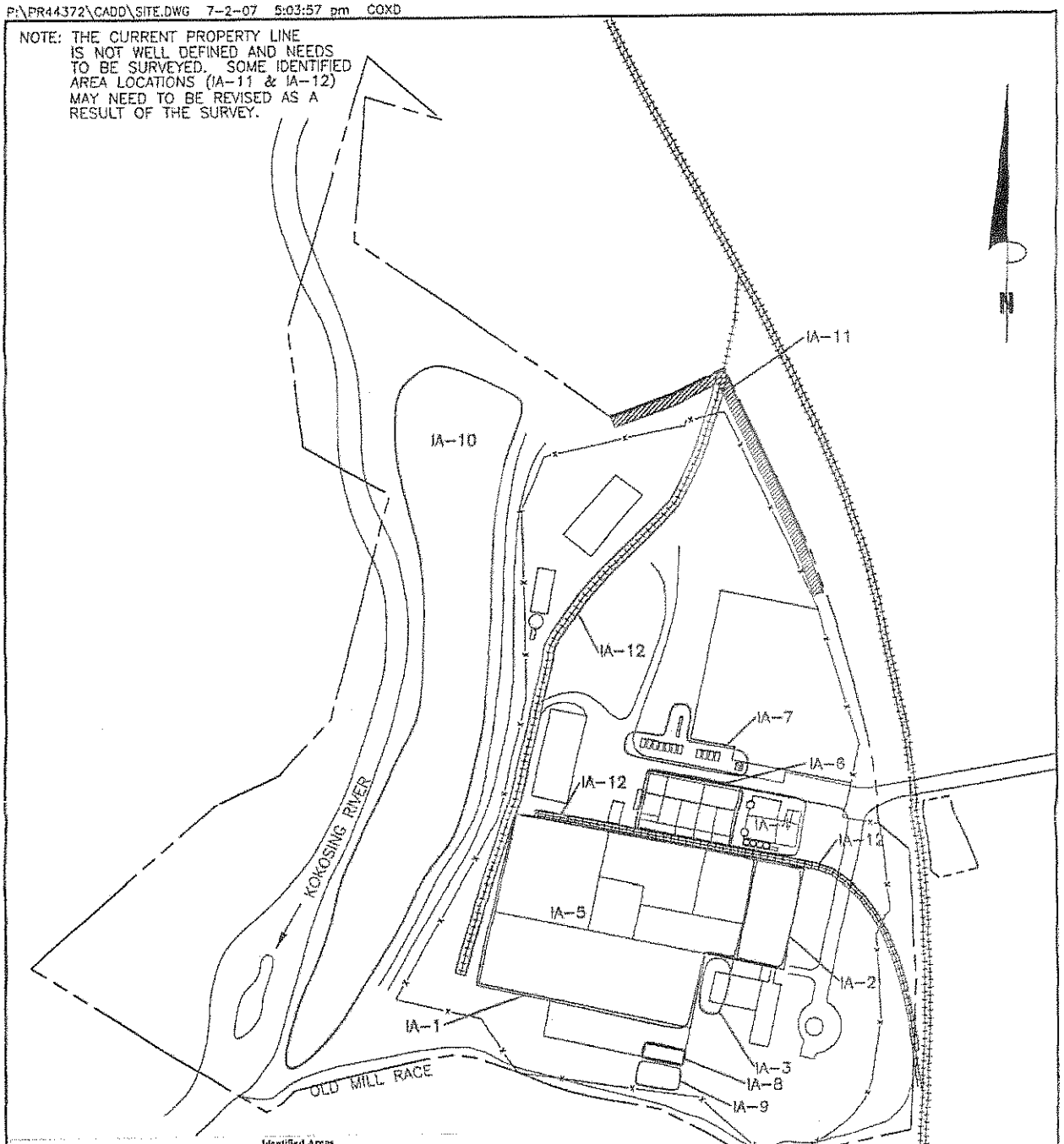

Identified Areas
Former American National Can Facility
201 Madison Street
Mount Vernon, Ohio

Identified Area	Location and Description	Potential Source	Potential Media Impacted	Chemicals Of Concern
Building Areas and Plant Equipment (plant facility including historical chemical use areas)				
1	Drawing & production operations	Chemicals/lubricants/coolants	Concrete surface, subsurface	TPH/VOCs/SVOCs/Metals
2	Plating equipment & maintenance facility	Chemicals/lubricants/coolants	Original facility foundation & subsurface	TPH/VOCs/SVOCs/Metals
Locations With Previous USTs That Were Removed				
3	Solvent Storage USTs	Solvents	Subsurface soils	TPH/VOCs/SVOCs
4	Fuel Oil UST	Fuel oil	Subsurface soils	TPH/VOCs/SVOCs
Location Of Service Transformers				
5	Transformer Cabinets (T24)	Insulating fluid	Concrete surface, subsurface – various locations	PCBs
General Areas for Chemical & Material Storage and Debris (present and former)				
6	Ink and Solvent Storage	Inks and solvents	Concrete surface, subsurface	TPH/VOCs/SVOCs
7	Solvent Storage ASTs	Solvents/lubricants	Surface, subsurface	TPH/VOCs/SVOCs
8	Washroom/Solvent still	Operations/coolants	Concrete surface, subsurface	TPH/VOCs/SVOCs/Metals
9	Hazardous Waste Storage ASTs	Operations/waste	Surface/subsurface soils	TPH/VOCs/SVOCs/Metals
10	F20 & former Iron location – West	Operations/waste	Surface/subsurface soils	TPH/VOCs/SVOCs/Metals
Areas with Concern for Potential Releases – Adjacent Properties				
11	Adjacent Northeast – Blocking Off Alleged Waste, Rhett	Oils and fluids/ hazardous chemicals	Surface/subsurface soils	TPH/VOCs/SVOCs/Metals
12	Conrail/CSX rail siding	Oils and fluids	Surface/subsurface soils	TPH/VOCs/Metals

VOCs – Volatile Organic Compounds
SVOCs – Semi-Volatile Organic Compounds
TPH – Total Petroleum Hydrocarbon
PCBs – Polychlorinated Biphenyls

PECHINEY PLASTIC PACKAGING, INC.
FORMER AMERICAN NATIONAL CAN SITE
MOUNT VERNON, OHIO

IDENTIFIED AREAS

BURGESS AND NIPLE, INC.
ENGINEERS & ARCHITECTS

SCALE: 1"=200'
DATE: AUGUST 2007

Appendix C Census Data

RADIUS	TOTAL	WHITE	BLACK	INDIAN	ASIAN	HAWAII_PAC	OTHER	HOUSING
3.00 - 4.00	3042	2961	30	7	17	0	28	1051
2.00 - 3.00	4499	4364	45	9	21	0	60	1806
1.00 - 2.00	6615	6394	60	27	30	1	104	2809
0.50 - 1.00	3931	3805	35	11	21	0	59	1598
0.25 - 0.50	1273	1223	25	3	5	0	16	535
0.00 - 0.25	442	423	12	1	2	0	4	177
TOTALS	19802	19170	207	58	96	1	271	7976

Appendix D Kokosing River Basin Sediment Data

From: Jeff Lewis
To: Roth, Robin
Date: 4/1/2009 8:21 AM
Subject: Kokosing R. - Sediment Sampling Results
Attachments: Kokosing_RM24_3.pdf; Kokosing_RM28_6.pdf; Kokosing Sediment Table.doc

Hi Robin,

Attached are OEPA DES lab results for sediment sampling at Kokosing R. river mile 28.6 at Tilden Avenue and river mile 24.3 (adjacent Glenn Rd.) in Mt. Vernon. The RM 24.3 sample site is downstream of the Mt. Vernon Wastewater Treatment Plant.

Also attached is a draft table summarizing the results. The table will be part of the "*Ohio EPA Biological and Water Quality Study of the Kokosing River*" that is currently being prepared for publication.

Jeff

Table . Results of chemical/physical sediment quality sampling conducted in the Kokosing River study area during July-September, 2007. Underlined values indicate concentrations below the method-reporting limit. NA means not analyzed. Parameters noted with a 4 are compared with the Ontario guidelines published by Persaud and Jaagumagi, 1993 (LEL = greater than the Lowest Effect Level but less than the Severe Effect Level, SEL = greater than the severe effect level). All metals parameters are compared with ecoregional (default) or statewide (noted by a subscript s) sediment reference values determined by Ohio EPA (Ohio EPA, 2003). Metals values in **boldface** are greater than the reference value. Boxes with no value were analyzed but not detected.

KOKOSING RIVER BASIN (05040003)										
Analyte	Units	*Kokosing River*					*N. Br. Kokosing River*		*Dry Ck.*	*Jelloway Ck.*
	RM	**32.56**	**28.61**	**24.30**	**20.89**	**2.68**	**6.18**	**0.02**	**1.04**	**0.08**
	Region	EOLP	EOLP	EOLP	EOLP	WAP	EOLP	EOLP	EOLP	EOLP
Solids	%	40.1	61.1	43.3	62.7	49.6	72.1	63.1	43.3	61.9
Tot. Organic Carbon 4	%	3.0_{LEL}	2.2_{LEL}	3.3_{LEL}	2.2_{LEL}	2.4_{LEL}	1.6_{LEL}	1.9_{LEL}	3.2_{LEL}	1.3_{LEL}
Ammonia	mg/kg		38			120				73
Phosphorus 4	mg/kg		484			817_{LEL}				438
Aluminum	mg/kg	6940	4040	5560	4310	6260	3420	3720	7420	4900
Arsenic	mg/kg	15.8	10.7	10.3	7.78	10.2	7.88	10.9	14.8	7.30
Barium	mg/kg	126	56.7	87.2	45.1	83.9	39.8	53.9	71.1	51.2
Cadmium	mg/kg	0.595	0.248	0.466	0.242	0.336	0.178	0.254	0.513	0.109
Calcium	mg/kg	**38300**	**25600**	**35600**	**22100**	26500	9720	17200	**48700**	2730
Chromium	mg/kg	**34**	14	28	11	19	13	22	**30**	11
Copper	mg/kg	13.7	9.8	22.0	11.7	13.7	6.7	10.4	24.1	6.7
Iron	mg/kg	22200	15400	16500	13100	18100	11800	14600	26400	13800
$Lead_s$	mg/kg	17.7	12.1	36.6	26.3	20.2	12.1	13.7	23.4	8.67
Magnesium	mg/kg	5550	7030	**7130**	6250	6720	3540	5450	**12500**	1640
Manganese	mg/kg	979	585	451	336	548	264	476	453	496
Nickel	mg/kg	**45**	18	**37**	14	25	18	30	**40**	14
$Mercury_s$	mg/kg	0.057	0.045	0.065	0.032	0.035	0.037	0.032	0.049	0.033
Potassium	mg/kg	2270	922	1850	717	1260	881	1470	2010	702
Selenium	mg/kg	**2.27**	0.92	**1.85**	0.72	1.26	0.88	1.47	**2.01**	0.70
Sodium	mg/kg	5670	2300	4620	1790	3150	2200	3680	5020	1760
Strontium	mg/kg	**149**	34	**63**	34	43	13	22	58	11
Zinc	mg/kg	81.9	60.4	93.9	56.2	73.1	42.1	59.5	106	42.9
Fluoranthene	mg/kg			1.0	0.81					
Pyrene	mg/kg			0.83	0.64					

OhioEPA Division of Environmental Services

Laboratory Organic Analysis Data Report

Sample	96896				
Date Received	09/11/2007 12:46 PM	**Matrix**	SED	**Collected by**	VANDERMEER, PAUL
	Begin	**End**		**Sample Type**	SURVEY
Date Collected			09/11/2007 10:15 AM	**Station ID**	611890
Program	CDO-DSW			**Customer ID**	PLV0911
Client	DSW_SS			**External ID**	
OEPA Division	DSW				
Location	Kokosing @ Glenn Rd.				

EPA Method Parameter	Units	Cas Number	Result	RL	Analyzed	Qualifier
OEPA 581.6	**%**					
% Solids		P70318	50.9		09/22/2007	
USEPA 8082A	**ug/kg**					
Aldrin		000309-00-2	<7.8	7.8	10/04/2007	
a-BHC		000319-84-6	<7.8	7.8	10/04/2007	
b-BHC		000319-85-7	<7.8	7.8	10/04/2007	
d-BHC		000319-86-8	<7.8	7.8	10/04/2007	
y-BHC		000058-89-9	<7.8	7.8	10/04/2007	
4,4'-DDD		000072-54-8	<7.8	7.8	10/04/2007	
4,4'-DDE		000072-55-9	<7.8	7.8	10/04/2007	
4,4'-DDT		000050-29-3	<7.8	7.8	10/04/2007	
Dieldrin		000060-57-1	<7.8	7.8	10/04/2007	
Endosulfan I		000959-98-8	<7.8	7.8	10/04/2007	
Endosulfan II		033213-65-9	<7.8	7.8	10/04/2007	
Endosulfan sulfate		001031-07-8	<7.8	7.8	10/04/2007	
Endrin		000072-20-8	<7.8	7.8	10/04/2007	
Endrin aldehyde		007421-93-4	<7.8	7.8	10/04/2007	
Heptachlor		000076-44-8	<7.8	7.8	10/04/2007	
Heptachlor epoxide		001024-57-3	<7.8	7.8	10/04/2007	
Methoxychlor		000072-43-5	<7.8	7.8	10/04/2007	
Mirex		002385-85-5	<7.8	7.8	10/04/2007	
Hexachlorobenzene		000118-74-1	<7.8	7.8	10/04/2007	
Alpha-Chlordane		005103-71-9	<7.8	7.8	10/04/2007	
Gamma-Chlordane		005103-74-2	<7.8	7.8	10/04/2007	
Oxychlordane		027304-13-8	<7.8	7.8	10/04/2007	
cis-Nonachlor		005103-73-1	<7.8	7.8	10/04/2007	
trans-Nonachlor		039765-80-5	<7.8	7.8	10/04/2007	
PCB-1016		012674-11-2	<39.1	39.1	10/04/2007	
PCB-1221		011104-28-2	<39.1	39.1	10/04/2007	
PCB-1232		011141-16-5	<39.1	39.1	10/04/2007	
PCB-1242		053469-21-9	<39.1	39.1	10/04/2007	
PCB-1248		012672-29-6	<39.1	39.1	10/04/2007	
PCB-1254		011097-69-1	<39.1	39.1	10/04/2007	
PCB-1260		011096-82-5	<39.1	39.1	10/04/2007	
USEPA 8270	**mg/kg**					
Acenaphthene		000083-32-9	<0.78	0.78	09/26/2007	
Acenaphthylene		000208-96-8	<0.78	0.78	09/26/2007	
Acetophenone		000098-86-2	<0.78	0.78	09/26/2007	
2-Acetylaminofluorene		000053-96-3	<0.78	0.78	09/26/2007	
Aniline		000062-53-3	<3.9	3.9	09/26/2007	
Anthracene		000120-12-7	<0.78	0.78	09/26/2007	
Benz[a]anthracene		000056-55-3	<0.78	0.78	09/26/2007	
Benzo[a]pyrene		000050-32-8	<0.78	0.78	09/26/2007	
Benzo[b]fluoranthene		000205-99-2	<0.78	0.78	09/26/2007	
Benzo[g,h,i]perylene		000191-24-2	<0.78	0.78	09/26/2007	
Benzo[k]fluoranthene		000207-08-9	<0.78	0.78	09/26/2007	
Benzyl alcohol		000100-51-6	<0.78	0.78	09/26/2007	
bis(2-Chloroethoxy)methane		000111-91-1	<0.78	0.78	09/26/2007	
bis(2-Chloroethyl)ether		000111-44-4	<0.78	0.78	09/26/2007	
bis(2-Chloroisopropyl)ether		000108-60-1	<0.78	0.78	09/26/2007	

OhioEPA Division of Environmental Services

Laboratory Organic Analysis Data Report

Sample	96896				
Date Received	09/11/2007 12:46 PM	**Matrix**	SED	**Collected by**	VANDERMEER, PAUL
	Begin	**End**		**Sample Type**	SURVEY
Date Collected			09/11/2007 10:15 AM	**Station ID**	611890
Program	CDO-DSW			**Customer ID**	PLV0911
Client	DSW_SS			**External ID**	
OEPA Division	DSW				
Location	Kokosing @ Glenn Rd.				

EPA Method Parameter	Units	Cas Number	Result	RL	Analyzed	Qualifier
USEPA 8270	**mg/kg**					
bis(2-Ethylhexyl)phthalate		000117-81-7	<0.78	0.78	09/26/2007	
4-Bromophenyl-phenylether		000101-55-3	<0.78	0.78	09/26/2007	
Butylbenzylphthalate		000085-68-7	<0.78	0.78	09/26/2007	
4-Chloro-3-methylphenol		000059-50-7	<0.78	0.78	09/26/2007	
2-Chloronaphthalene		000091-58-7	<0.78	0.78	09/26/2007	
2-Chlorophenol		000095-57-8	<0.78	0.78	09/26/2007	
4-Chlorophenyl-phenylether		007005-72-3	<0.78	0.78	09/26/2007	
Chrysene		000218-01-9	<0.78	0.78	09/26/2007	
Di-n-butylphthalate		000084-74-2	<0.78	0.78	09/26/2007	
Di-n-octylphthalate		000117-84-0	<0.78	0.78	09/26/2007	
Dibenz[a,h]anthracene		000053-70-3	<0.78	0.78	09/26/2007	
Dibenzofuran		000132-64-9	<0.78	0.78	09/26/2007	
1,3-Dichlorobenzene		000541-73-1	<0.78	0.78	09/26/2007	
1,4-Dichlorobenzene		000106-46-7	<0.78	0.78	09/26/2007	
1,2-Dichlorobenzene		000095-50-1	<0.78	0.78	09/26/2007	
3,3'-Dichlorobenzidine		000091-94-1	<3.9	3.9	09/26/2007	
2,6-Dichlorophenol		000087-65-0	<0.78	0.78	09/26/2007	
2,4-Dichlorophenol		000120-83-2	<0.78	0.78	09/26/2007	
Diethylphthalate		000084-66-2	<0.78	0.78	09/26/2007	
p-Dimethylaminoazobenzene		000060-11-7	<0.78	0.78	09/26/2007	
7,12-Dimethylbenz[a]anthracene		000057-97-6	<3.9	3.9	09/26/2007	
2,4-Dimethylphenol		000105-67-9	<0.78	0.78	09/26/2007	
Dimethylphthalate		000131-11-3	<0.78	0.78	09/26/2007	
4,6-Dinitro-2-methylphenol		000534-52-1	<0.78	0.78	09/26/2007	
1,3-Dinitrobenzene		000099-65-0	<0.78	0.78	09/26/2007	
2,4-Dinitrophenol		000051-28-5	<3.9	3.9	09/26/2007	
2,6-Dinitrotoluene		000606-20-2	<0.78	0.78	09/26/2007	
2,4-Dinitrotoluene		000121-14-2	<0.78	0.78	09/26/2007	
Dinoseb		000088-85-7	<0.78	0.78	09/26/2007	
Diphenylamine		000122-39-4	<0.78	0.78	09/26/2007	
Ethyl methanesulfonate		000062-50-0	<0.78	0.78	09/26/2007	
Fluoranthene		000206-44-0	1.00	0.78	09/26/2007	
Fluorene		000086-73-7	<0.78	0.78	09/26/2007	
Hexachlorobenzene		000118-74-1	<0.78	0.78	09/26/2007	
Hexachlorobutadiene		000087-68-3	<0.78	0.78	09/26/2007	
Hexachlorocyclopentadiene		000077-47-4	<0.78	0.78	09/26/2007	
Hexachloroethane		000067-72-1	<0.78	0.78	09/26/2007	
Hexachloropropene		001888-71-7	<0.78	0.78	09/26/2007	
Indeno[1,2,3-cd]pyrene		000193-39-5	<0.78	0.78	09/26/2007	
Isophorone		000078-59-1	<0.78	0.78	09/26/2007	
Methyl methanesulfonate		000066-27-3	<0.78	0.78	09/26/2007	
3-Methylcholanthrene		000056-49-5	<0.78	0.78	09/26/2007	
2-Methylnaphthalene		000091-57-6	<0.78	0.78	09/26/2007	
3&4-Methylphenol		000106-44-5	<0.78	0.78	09/26/2007	
2-Methylphenol		000095-48-7	<0.78	0.78	09/26/2007	
N-Nitroso-di-n-butylamine		000924-16-3	<0.78	0.78	09/26/2007	
N-Nitroso-di-n-propylamine		000621-64-7	<0.78	0.78	09/26/2007	
N-Nitrosomorpholine		000059-89-2	<0.78	0.78	09/26/2007	
N-Nitrosopiperidine		000100-75-4	<0.78	0.78	09/26/2007	
N-Nitrosopyrrolidine		000930-55-2	<0.78	0.78	09/26/2007	
Naphthalene		000091-20-3	<0.78	0.78	09/26/2007	

OhioEPA Division of Environmental Services

Laboratory Organic Analysis Data Report

Sample	96896				
Date Received	09/11/2007 12:46 PM	**Matrix**	SED	**Collected by**	VANDERMEER, PAUL
	Begin	**End**		**Sample Type**	SURVEY
Date Collected			09/11/2007 10:15 AM	**Station ID**	611890
Program	CDO-DSW			**Customer ID**	PLV0911
Client	DSW_SS			**External ID**	
OEPA Division	DSW				
Location	Kokosing @ Glenn Rd.				

EPA Method Parameter	Units	Cas Number	Result	RL	Analyzed	Qualifier
USEPA 8270	**mg/kg**					
1,4-Naphthoquinone		000130-15-4	<0.78	0.78	09/26/2007	
2-Nitroaniline		000088-74-4	<0.78	0.78	09/26/2007	
4-Nitroaniline		000100-01-6	<0.78	0.78	09/26/2007	
Nitrobenzene		000098-95-3	<0.78	0.78	09/26/2007	
4-Nitrophenol		000100-02-7	<3.9	3.9	09/26/2007	
2-Nitrophenol		000088-75-5	<0.78	0.78	09/26/2007	
Pentachlorobenzene		000608-93-5	<0.78	0.78	09/26/2007	
Pentachlorophenol		000087-86-5	<0.78	0.78	09/26/2007	
Phenacetin		000062-44-2	<0.78	0.78	09/26/2007	
Phenanthrene		000085-01-8	<0.78	0.78	09/26/2007	
Phenol		000108-95-2	<0.78	0.78	09/26/2007	
2-Picoline		000109-06-8	<0.78	0.78	09/26/2007	
Pronamide		023950-58-5	<0.78	0.78	09/26/2007	
Pyrene		000129-00-0	0.83	0.78	09/26/2007	
Safrole		000094-59-7	<0.78	0.78	09/26/2007	
1,2,4,5-Tetrachlorobenzene		000095-94-3	<0.78	0.78	09/26/2007	
2,3,4,6-Tetrachlorophenol		000058-90-2	<0.78	0.78	09/26/2007	
1,2,4-Trichlorobenzene		000120-82-1	<0.78	0.78	09/26/2007	
2,4,6-Trichlorophenol		000088-06-2	<0.78	0.78	09/26/2007	
2,4,5-Trichlorophenol		000095-95-4	<0.78	0.78	09/26/2007	

Field Comments

Lab Comments

QC / Sample Comments

Approved By DTURNER **On** 10/12/2007

OhioEPA Division of Environmental Services

Laboratory Organic Analysis Data Report

Sample	96831				
Date Received	09/10/2007 1:35 PM	**Matrix**	SED	**Collected by**	VANDERMEER, PAUL
	Begin	**End**		**Sample Type**	SURVEY
Date Collected			09/10/2007 10:40 AM	**Station ID**	R12P02
Program	CDO-DSW			**Customer ID**	PLV0910
Client	DSW_SS			**External ID**	
OEPA Division	DSW				
Location	Kokosing @ Tilden				

EPA Method Parameter	Units	Cas Number	Result	RL	Analyzed	Qualifier
OEPA 581.6	**%**					
% Solids		P70318	72.0		09/18/2007	
USEPA 8082A	**ug/kg**					
Aldrin		000309-00-2	<5.5	5.5	10/01/2007	
a-BHC		000319-84-6	<5.5	5.5	10/01/2007	
b-BHC		000319-85-7	<5.5	5.5	10/01/2007	
d-BHC		000319-86-8	<5.5	5.5	10/01/2007	
y-BHC		000058-89-9	<5.5	5.5	10/01/2007	
4,4'-DDD		000072-54-8	<5.5	5.5	10/01/2007	
4,4'-DDE		000072-55-9	<5.5	5.5	10/01/2007	
4,4'-DDT		000050-29-3	<5.5	5.5	10/01/2007	
Dieldrin		000060-57-1	<5.5	5.5	10/01/2007	
Endosulfan I		000959-98-8	<5.5	5.5	10/01/2007	
Endosulfan II		033213-65-9	<5.5	5.5	10/01/2007	
Endosulfan sulfate		001031-07-8	<5.5	5.5	10/01/2007	
Endrin		000072-20-8	<5.5	5.5	10/01/2007	
Endrin aldehyde		007421-93-4	<5.5	5.5	10/01/2007	
Heptachlor		000076-44-8	<5.5	5.5	10/01/2007	
Heptachlor epoxide		001024-57-3	<5.5	5.5	10/01/2007	
Methoxychlor		000072-43-5	<5.5	5.5	10/01/2007	
Mirex		002385-85-5	<5.5	5.5	10/01/2007	
Hexachlorobenzene		000118-74-1	<5.5	5.5	10/01/2007	
Alpha-Chlordane		005103-71-9	<5.5	5.5	10/01/2007	
Gamma-Chlordane		005103-74-2	<5.5	5.5	10/01/2007	
Oxychlordane		027304-13-8	<5.5	5.5	10/01/2007	
cis-Nonachlor		005103-73-1	<5.5	5.5	10/01/2007	
trans-Nonachlor		039765-80-5	<5.5	5.5	10/01/2007	
PCB-1016		012674-11-2	<27.7	27.7	10/01/2007	
PCB-1221		011104-28-2	<27.7	27.7	10/01/2007	
PCB-1232		011141-16-5	<27.7	27.7	10/01/2007	
PCB-1242		053469-21-9	<27.7	27.7	10/01/2007	
PCB-1248		012672-29-6	<27.7	27.7	10/01/2007	
PCB-1254		011097-69-1	<27.7	27.7	10/01/2007	
PCB-1260		011096-82-5	<27.7	27.7	10/01/2007	
USEPA 8270	**mg/kg**					
Acenaphthene		000083-32-9	<0.55	0.55	09/25/2007	
Acenaphthylene		000208-96-8	<0.55	0.55	09/25/2007	
Acetophenone		000098-86-2	<0.55	0.55	09/25/2007	
2-Acetylaminofluorene		000053-96-3	<0.55	0.55	09/25/2007	
Aniline		000062-53-3	<2.8	2.8	09/25/2007	
Anthracene		000120-12-7	<0.55	0.55	09/25/2007	
Benz[a]anthracene		000056-55-3	<0.55	0.55	09/25/2007	
Benzo[a]pyrene		000050-32-8	<0.55	0.55	09/25/2007	
Benzo[b]fluoranthene		000205-99-2	<0.55	0.55	09/25/2007	
Benzo[g,h,i]perylene		000191-24-2	<0.55	0.55	09/25/2007	
Benzo[k]fluoranthene		000207-08-9	<0.55	0.55	09/25/2007	
Benzyl alcohol		000100-51-6	<0.55	0.55	09/25/2007	
bis(2-Chloroethoxy)methane		000111-91-1	<0.55	0.55	09/25/2007	
bis(2-Chloroethyl)ether		000111-44-4	<0.55	0.55	09/25/2007	
bis(2-Chloroisopropyl)ether		000108-60-1	<0.55	0.55	09/25/2007	

OhioEPA Division of Environmental Services

Laboratory Organic Analysis Data Report

Sample	96831				
Date Received	09/10/2007 1:35 PM	**Matrix**	SED	**Collected by**	VANDERMEER, PAUL
	Begin	**End**		**Sample Type**	SURVEY
Date Collected			09/10/2007 10:40 AM	**Station ID**	R12P02
Program	CDO-DSW			**Customer ID**	PLV0910
Client	DSW_SS			**External ID**	
OEPA Division	DSW				
Location	Kokosing @ Tilden				

EPA Method Parameter	Units	Cas Number	Result	RL	Analyzed	Qualifier
USEPA 8270	**mg/kg**					
bis(2-Ethylhexyl)phthalate		000117-81-7	<0.55	0.55	09/25/2007	
4-Bromophenyl-phenylether		000101-55-3	<0.55	0.55	09/25/2007	
Butylbenzylphthalate		000085-68-7	<0.55	0.55	09/25/2007	
4-Chloro-3-methylphenol		000059-50-7	<0.55	0.55	09/25/2007	
2-Chloronaphthalene		000091-58-7	<0.55	0.55	09/25/2007	
2-Chlorophenol		000095-57-8	<0.55	0.55	09/25/2007	
4-Chlorophenyl-phenylether		007005-72-3	<0.55	0.55	09/25/2007	
Chrysene		000218-01-9	<0.55	0.55	09/25/2007	
Di-n-butylphthalate		000084-74-2	<0.55	0.55	09/25/2007	
Di-n-octylphthalate		000117-84-0	<0.55	0.55	09/25/2007	
Dibenz[a,h]anthracene		000053-70-3	<0.55	0.55	09/25/2007	
Dibenzofuran		000132-64-9	<0.55	0.55	09/25/2007	
1,3-Dichlorobenzene		000541-73-1	<0.55	0.55	09/25/2007	
1,4-Dichlorobenzene		000106-46-7	<0.55	0.55	09/25/2007	
1,2-Dichlorobenzene		000095-50-1	<0.55	0.55	09/25/2007	
3,3'-Dichlorobenzidine		000091-94-1	<2.8	2.8	09/25/2007	
2,6-Dichlorophenol		000087-65-0	<0.55	0.55	09/25/2007	
2,4-Dichlorophenol		000120-83-2	<0.55	0.55	09/25/2007	
Diethylphthalate		000084-66-2	<0.55	0.55	09/25/2007	
p-Dimethylaminoazobenzene		000060-11-7	<0.55	0.55	09/25/2007	
7,12-Dimethylbenz[a]anthracene		000057-97-6	<2.8	2.8	09/25/2007	
2,4-Dimethylphenol		000105-67-9	<0.55	0.55	09/25/2007	
Dimethylphthalate		000131-11-3	<0.55	0.55	09/25/2007	
4,6-Dinitro-2-methylphenol		000534-52-1	<0.55	0.55	09/25/2007	
1,3-Dinitrobenzene		000099-65-0	<0.55	0.55	09/25/2007	
2,4-Dinitrophenol		000051-28-5	<2.8	2.8	09/25/2007	
2,6-Dinitrotoluene		000606-20-2	<0.55	0.55	09/25/2007	
2,4-Dinitrotoluene		000121-14-2	<0.55	0.55	09/25/2007	
Dinoseb		000088-85-7	<0.55	0.55	09/25/2007	
Diphenylamine		000122-39-4	<0.55	0.55	09/25/2007	
Ethyl methanesulfonate		000062-50-0	<0.55	0.55	09/25/2007	
Fluoranthene		000206-44-0	<0.55	0.55	09/25/2007	
Fluorene		000086-73-7	<0.55	0.55	09/25/2007	
Hexachlorobenzene		000118-74-1	<0.55	0.55	09/25/2007	
Hexachlorobutadiene		000087-68-3	<0.55	0.55	09/25/2007	
Hexachlorocyclopentadiene		000077-47-4	<0.55	0.55	09/25/2007	
Hexachloroethane		000067-72-1	<0.55	0.55	09/25/2007	
Hexachloropropene		001888-71-7	<0.55	0.55	09/25/2007	
Indeno[1,2,3-cd]pyrene		000193-39-5	<0.55	0.55	09/25/2007	
Isophorone		000078-59-1	<0.55	0.55	09/25/2007	
Methyl methanesulfonate		000066-27-3	<0.55	0.55	09/25/2007	
3-Methylcholanthrene		000056-49-5	<0.55	0.55	09/25/2007	
2-Methylnaphthalene		000091-57-6	<0.55	0.55	09/25/2007	
3&4-Methylphenol		000106-44-5	<0.55	0.55	09/25/2007	
2-Methylphenol		000095-48-7	<0.55	0.55	09/25/2007	
N-Nitroso-di-n-butylamine		000924-16-3	<0.55	0.55	09/25/2007	
N-Nitroso-di-n-propylamine		000621-64-7	<0.55	0.55	09/25/2007	
N-Nitrosomorpholine		000059-89-2	<0.55	0.55	09/25/2007	
N-Nitrosopiperidine		000100-75-4	<0.55	0.55	09/25/2007	
N-Nitrosopyrrolidine		000930-55-2	<0.55	0.55	09/25/2007	
Naphthalene		000091-20-3	<0.55	0.55	09/25/2007	

OhioEPA Division of Environmental Services

Laboratory Organic Analysis Data Report

Sample	96831				
Date Received	09/10/2007 1:35 PM	**Matrix**	SED	**Collected by**	VANDERMEER, PAUL
	Begin	**End**		**Sample Type**	SURVEY
Date Collected			09/10/2007 10:40 AM	**Station ID**	R12P02
Program	CDO-DSW			**Customer ID**	PLV0910
Client	DSW_SS			**External ID**	
OEPA Division	DSW				
Location	Kokosing @ Tilden				

EPA Method Parameter	Units	Cas Number	Result	RL	Analyzed	Qualifier
USEPA 8270	**mg/kg**					
1,4-Naphthoquinone		000130-15-4	<0.55	0.55	09/25/2007	
2-Nitroaniline		000088-74-4	<0.55	0.55	09/25/2007	
4-Nitroaniline		000100-01-6	<0.55	0.55	09/25/2007	
Nitrobenzene		000098-95-3	<0.55	0.55	09/25/2007	
4-Nitrophenol		000100-02-7	<2.8	2.8	09/25/2007	
2-Nitrophenol		000088-75-5	<0.55	0.55	09/25/2007	
Pentachlorobenzene		000608-93-5	<0.55	0.55	09/25/2007	
Pentachlorophenol		000087-86-5	<0.55	0.55	09/25/2007	
Phenacetin		000062-44-2	<0.55	0.55	09/25/2007	
Phenanthrene		000085-01-8	<0.55	0.55	09/25/2007	
Phenol		000108-95-2	<0.55	0.55	09/25/2007	
2-Picoline		000109-06-8	<0.55	0.55	09/25/2007	
Pronamide		023950-58-5	<0.55	0.55	09/25/2007	
Pyrene		000129-00-0	<0.55	0.55	09/25/2007	
Safrole		000094-59-7	<0.55	0.55	09/25/2007	
1,2,4,5-Tetrachlorobenzene		000095-94-3	<0.55	0.55	09/25/2007	
2,3,4,6-Tetrachlorophenol		000058-90-2	<0.55	0.55	09/25/2007	
1,2,4-Trichlorobenzene		000120-82-1	<0.55	0.55	09/25/2007	
2,4,6-Trichlorophenol		000088-06-2	<0.55	0.55	09/25/2007	
2,4,5-Trichlorophenol		000095-95-4	<0.55	0.55	09/25/2007	

Field Comments

Lab Comments

QC / Sample Comments

Approved By DTURNER **On** 10/12/2007

Appendix E Natural Heritage Database

ID_	STATUS	DISTANCE	SCI_NAME	COM_NAME
1	State Threatened	3.2857	CAREX CRUS-CORVI	RAVEN-FOOT SEDGE
2	State Endangered	3.9731	CRYPTOBRANCHUS ALLEGANIENSIS	EASTERN HELLBENDER
3	Federally Threatened	6.5159	HALIAEETUS LEUCOCEPHALUS	BALD EAGLE
4	State Threatened	6.7194	ETHEOSTOMA CAMURUM	BLUEBREAST DARTER
5	Federally Threatened	8.0087	HALIAEETUS LEUCOCEPHALUS	BALD EAGLE
6	State Endangered	8.6355	ICHTHYOMYZON GREELEYI	MOUNTAIN BROOK LAMPREY
7	State Endangered	8.6455	CRYPTOBRANCHUS ALLEGANIENSIS	EASTERN HELLBENDER
8	State Endangered	8.6540	CAREX LUPULIFORMIS	FALSE HOP SEDGE
9	State Endangered	8.7488	PLATANTHERA PSYCODES	SMALL PURPLE FRINGED ORCHID
10	State Endangered	8.9236	ROSA BLANDA	SMOOTH ROSE
11	State Endangered	9.6845	CRYPTOBRANCHUS ALLEGANIENSIS	EASTERN HELLBENDER
12	State Endangered	11.4830	ETHEOSTOMA MACULATUM	SPOTTED DARTER
13	State Endangered	11.4976	MACRHYBOPSIS AESTIVALIS	SPECKLED CHUB
14	State Endangered	12.4582	JUNCUS DIFFUSISSIMUS	DIFFUSE RUSH
15	State Threatened	13.0606	ETHEOSTOMA CAMURUM	BLUEBREAST DARTER
16	State Endangered	13.6967	PLETHOBASUS CYPHYUS	SHEEPNOSE
17	State Endangered	13.6974	FUSCONAIA MACULATA MACULATA	LONG-SOLID
18	State Endangered	14.2768	ETHEOSTOMA MACULATUM	SPOTTED DARTER
19	State Endangered	14.5081	ROSA BLANDA	SMOOTH ROSE

United States Department of the Interior

FISH AND WILDLIFE SERVICE

Ecological Services
6950 Americana Parkway, Suite H
Reynoldsburg, Ohio 43068-4127
(614) 469-6923 / FAX (614) 469-6919
May 29, 2007

Joe Christopher
Burgess & Niple, Inc.
5085 Reed Road
Columbus, OH 43220

TAILS: 2007-TA-0589

Re: American National Can facility, Knox County, Ohio.

Dear Mr. Christopher:

This is in response to your May 11, 2007 letter requesting threatened and endangered species information for the above-referenced project site. The proposed project is located at the site of the former American National Can facility at 201 Madison Street, City of Mount Vernon, Knox County, Ohio.

There are no Federal wilderness areas, wildlife refuges, or designated Critical Habitat within the vicinity of the proposed site.

ENDANGERED SPECIES COMMENTS: The proposed project lies within the range of the **Indiana bat** (*Myotis sodalis*), a Federally-listed endangered species. Since first listed as endangered in 1967, their population has declined by nearly 60%. Several factors have contributed to the decline of the Indiana bat, including the loss and degradation of suitable hibernacula, human disturbance during hibernation, pesticides, and the loss and degradation of forested habitat, particularly stands of large, mature trees. Fragmentation of forest habitat may also contribute to declines. Summer habitat requirements for the species are not well defined but the following are considered important:

(1) dead or live trees and snags with peeling or exfoliating bark, split tree trunk and/or branches, or cavities, which may be used as maternity roost areas;
(2) live trees (such as shagbark hickory and oaks) which have exfoliating bark;
(3) stream corridors, riparian areas, and upland woodlots which provide forage sites.

It appears from aerial photographs that suitable Indiana bat habitat may be present on the fringes of the site, but that the majority of the site is highly disturbed industrial use. It does not appear that further development of this site will result in significant impacts to Indiana bat habitat. However, in order to avoid direct impacts to any occasional or transitory bats that may be roosting at the site, we recommend that if any trees exhibiting characteristics of Indiana bat roosts (live or standing dead trees with exfoliating bark, cavities, split tree trunk and/or branches) must be cut, that they only be cut between September 15 and April 15, when bats would not be present.

The proposed project lies within the range of the federally threatened **bald eagle** (*Haliaeetus leucocephalus*). Due to the project type, location, and onsite habitat, no impacts to these species would be expected.

Should additional information on listed or proposed species or their critical habitat become available or if new information reveals effects of the action that were not previously considered, these comments and

recommendations may be reconsidered. If project plans change or if portions of the proposed project were not evaluated, we recommend that you contact our office for further review. If you have questions, or if we may be of further assistance, please contact Jeromy Applegate at extension 21 in this office or by email at jeromy_applegate@fws.gov, or visit our website at http://www.fws.gov/midwest/Reynoldsburg/.

Sincerely,

Mary Knapp

Mary Knapp, Ph.D.
Field Supervisor

cc: ODNR, DOW, SCEA Unit, Columbus, OH

Appendix F Site Assessment Worksheet

RECOMMENDATION OPTIONS WORKSHEET

Site Name: Ludlow Packaging

Worksheet Completion Date: 5/21/2009

Step 1. Threshold Criteria
Answer all threshold criteria questions. If the answer to a threshold criteria question is "yes", circle all yes answers ACROSS the row for that question. If the answer is "no", circle all no answers ACROSS the row for that question. (A dash signifies that the answer to a particular threshold criteria does not significantly influence the decision one way or the other.) See examples.

If all of the answers DOWN a column are circled, mark an "X" at the bottom of that column. See examples. An "X" indicates a viable recommendation option. If there are several columns with an "X" at the bottom (see Example 2), there may be several viable recommendation options. If there are several viable recommendation options, they should be compared and the most appropriate option selected. Balancing criteria found in Step 2. can be applied to assist in selecting the best recommendation option for the site.

		Recommendations										
		Inter-/Intra-Program Referral		No Further Action					State Cleanup Program	State Author./ Enforce. Action	Fed. Site Assess. Program	Federal Removal Action Program
Threshold Criteria	Does DERR have authority?	No	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	Is there a potential/actual release?		Yes		No	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	Is there potential/actual harm?		Yes*			No	Yes	Yes	Yes	Yes	Yes	Yes
	Is there a viable PRP?						-	-	No	Yes	-	-
	Does CERCLA have authority?						-	Yes	-	-	Yes	Yes
	Has a VAP NFA with CNS been requested?						Yes	-	-	No	No	-
	Is it in the VAP-MOA track?						-	Yes	-	No	No	-
Mark an X if all of the replies in the column are circled			X							X	X	X

* "Low" potential or actual harm.

Step 2. Balancing Criteria

Instructions: Check all balancing criteria (mitigating circumstances) that apply to the site. Provide a description of potential affects of the balancing criteria on viable recommendation options.

Balancing Criteria	Check if applicable	Description
Lack of resources		
Unusual resource demands	X	A more detailed PRP search would probably be necessary. Additional investigation work would likely be needed to further define the potential threat.
Local government priority	X	The City is interested in redeveloping this brownfield property and annexed the property. The proposed redevelopment project is for green energy in partnership with a local manufacture. Other uses of the property include maintenance of flood control measures and future development of a connecting bike path.
Publicly-owned site (i.e., federal match)		
Post-removal O&M		
PRP issues	X	The current property owner, Picheny, is willing to give the property to the City. Pichney provided copies of site assessment reports and limited documentation of interim remedial actions taken to date. Picheny is part of a larger company known as Rio Tinto Alcan of Australia.
Multi-programmatic site	X	The site has a history of permitted operations from several Ohio EPA program areas. There are multi-media impacts at the site (soil, ground water and sediment contamination).
Clean Ohio Fund site	X	In 2009, Knox County was categorized as priority investment area with access to the Clean Ohio Assistance Fund (COAF). The City submitted an application under COAF to perform further Phase II property assessment activities at the property under the VAP.
Federal brownfield/targeted brownfield assessment site	X	In 2008, the City submitted a request for a community-wide federal brownfield grant that was unsuccessful.
Potential Risk:	X	Potential for contact with hazardous substance has been reduced since hazardous waste generator operations have ceased. However, risks to future construction workers, nearby public water wells and ecological receptors in the adjacent Kokosing River remain.
Other:		