



State of Ohio Environmental Protection Agency

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Ms. Laura Ripley
Ohio Early Action Project Manager, SE-4J
Office of Superfund
US EPA
77 W. Jackson Blvd.
Chicago, IL 60604

June 27, 2002

RE: Carroll Dump Site
No Further Remedial Action Planned
Fairfield County, Ohio
CERCLIS #: Not Assigned

OHIO EPA/CDO
JUN 28 2002
RECEIVED

Dear Ms. Ripley,

The Ohio EPA Division of Emergency and Remedial Response (DERR) has completed a file review for the former Carroll Dump site. All available data were entered into the U.S. EPA Hazard Ranking System II (HRS) model, and scored below 28.5. Therefore, it has been determined that this site should not remain in CERCLIS.

The former Carroll Dump site is located on the west side of Carroll Cemetery Road, just south of Winchester Road, Bloom Township, Fairfield County, Ohio (Figure 1). The site encompasses 10.63 acres owned by four separate parties. Very little information is available on the history of dumping activities at this site. It is known that the Village of Carroll used the property as a municipal dump site. There were no files available from the Fairfield County Health Department or the Village of Carroll on what was disposed of at the site or years of operation.

On July 19, 1999, Ohio EPA, Division of Solid and Infectious Waste Management (DSIWM), received a complaint regarding activity at the dump site. The complaint stated that a trench had been excavated and trash was exposed. In addition, there was a liquid adhesive-like substance observed flowing from the sides of the trench.

Ohio EPA, DSIWM and DERR conducted an inspection of the trench July 23, 1999. The liquid was a mastic-like compound, brown in color and somewhat viscous. A sample was obtained of the liquid in the excavated trench during the inspection. Since this site was never operated as a licensed solid waste facility and based on the information provided in the test results, DSIWM referred the case to DERR for further investigation.

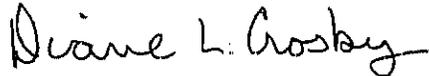
Bob Taft, Governor
Maureen O'Connor, Lieutenant Governor
Christopher Jones, Director

The following compounds were detected: Methylene Chloride at 8200 ug/kg, Acetone at 1600000 ug/kg, Tetrachloroethene at 11000 ug/kg, Toluene at 2400000 ug/kg, Ethylbenzene at 5400 ug/kg and Xylenes (total) at 41000 ug/kg (Table 1).

Two additional reconnaissance visits were conducted by DERR on February 2, and on April 26, 2002. No receptors or targets were identified during the visits. A search of available databases did not reveal any ground water or surface water pathways. Although the site is unsecured, no evidence of trespassers was found. Based on these visits and on the information presented above, a No Further Remedial Action Planned determination is being made so that CERCLIS can clearly reflect sites that need to be addressed by Superfund.

If you have any questions or need additional information, please contact me at 1-614-836-8756.

Sincerely,



Diane L. Crosby
Site Coordinator
Division of Emergency and Remedial Response

cc: Sam Yebaile
Deborah Strayton
Kevin Clouse
Jeff Wander
Anne Marie Dennison
Ray Beaumier

PRE-CERCLIS SCREENING ASSESSMENT CHECKLIST/DECISION FORM

The checklist can be used to assist the site investigator during Pre-CERCLIS screening. This checklist should document the rationale for the decision as to whether further steps in the site investigation process are required under CERCLA. Use additional sheets, if necessary.

Checklist Preparer: Diane L. Crosby July 3, 2002
Name/Title Date
4675 Homer-Ohio Lane 614-836-8756
Address Phone
diane.crosby@epa.state.oh.us
E-mail Address

Site Name: Carroll Dump Site

Previous names (if any): N/A

Site Location: The Carroll Dump Site is located on the west side of Carroll Cemetary Rd., just south of Winchester Road, Bloom Twp., Fairfield County, Ohio (See attached summary report and map).

Latitude: (if applicable) 39 48 00.0 **Longitude:** 082 42 40.0

PHASE A - CERCLA Eligibility Evaluation

If the answer to any one of these is yes, the sites can be NFRAPed or Archived	YES	NO
1. Is the site non-existent, or is it not a duplicate (or "alias") of another site?	<input type="checkbox"/>	X
2. Is the site being addressed by some other remedial program (Federal, State, or Tribal)?	<input type="checkbox"/>	X
3. Are the hazardous substances potentially released at the site excluded statutorily (e.g., petroleum, natural gas, natural gas liquids, synthetic gas usable for fuel, normal application of fertilizer, release located in a workplace, naturally occurring, or regulated by the NRC < UMRCA, or OSHA)?	<input type="checkbox"/>	X
4. Are the hazardous substances potentially released at the site excluded by policy considerations (e.g., deferred to RCRA Corrective Action, FIFRA, or Brownfields)?	<input type="checkbox"/>	X
5. Is there insufficient data (provided by the State) to verify that a release has occurred (e.g., based on potentially unreliable sources or with no information to support the presence of hazardous substances or CERCLA eligible pollutants and contaminants)?	<input type="checkbox"/>	X
6. Is there sufficient documentation that clearly demonstrates that there is no potential for a release that could cause adverse environmental or human health impacts (e.g., comprehensive remedial investigation equivalent data showing no release above ARARS, completed removal action, previous HRS score determined, or an EPA approved risk assessment completed)?	<input type="checkbox"/>	X

Please explain all yes answer(s). _____

PHASE B - INITIAL SITE EVALUATION

Use Exhibit A to make site assessment decisions based on the answers below:

	YES	NO
Is there documentation indicating that a target (e.g., drinking water wells, drinking surface water intakes, etc.) has been exposed to a hazardous substance released from the site?	<input type="checkbox"/>	X
Is there an apparent release at the site with no documentation of exposed targets, but there are targets on-site or immediately adjacent to the site?	<input type="checkbox"/>	X
Is there an apparent release and no documented on-site targets, but there are nearby targets (e.g., targets within 1 mile)?	<input type="checkbox"/>	X
Is there no indication of a hazardous substance release, and there are uncontained sources containing CERCLA hazardous substances, but there is a potential to release with targets present on-site or in proximity to the site?	<input type="checkbox"/>	X
No documented onsite or nearby targets.	<input type="checkbox"/>	X
No uncontained sources containing CERCLA eligible substances are present on site.	<input type="checkbox"/>	X
There are no releases or potential to release.	<input type="checkbox"/>	X

Please explain all yes answer(s). _____

EPA Regional Review and Site Assessment Decision

Check the box(es) that apply:

- NFRAP/Archive
- APA
- Full PA
- Combined PA/SI
- SI

Defer/Refer to:

- Removal Program
- State/Tribal Program
- RCRA
- Brownfields
- Other: _____

Regional EPA Reviewer:

 Print Name/Signature

 Date

PHASE B - INITIAL SITE EVALUATION

Use Exhibit A to make site assessment decisions based on the answers below:

	YES	NO
Is there documentation indicating that a target (e.g., drinking water wells, drinking surface water intakes, etc.) has been exposed to a hazardous substance released from the site?	<input type="checkbox"/>	X
Is there an apparent release at the site with no documentation of exposed targets, but there are targets on-site or immediately adjacent to the site?	<input type="checkbox"/>	X
Is there an apparent release and no documented on-site targets, but there are nearby targets (e.g., targets within 1 mile)?	<input type="checkbox"/>	X
Is there no indication of a hazardous substance release, and there are uncontained sources containing CERCLA hazardous substances, but there is a potential to release with targets present on-site or in proximity to the site?	<input type="checkbox"/>	X
No documented onsite or nearby targets.	<input type="checkbox"/>	X
No uncontained sources containing CERCLA eligible substances are present on site.	<input type="checkbox"/>	X
There are no releases or potential to release.	<input type="checkbox"/>	X

Please explain all yes answer(s).

EPA Regional Review and Site Assessment Decision

Check the box(es) that apply:

- NFRAP/Archive
 APA
 Full PA
 Combined PA/SI
 SI

Defer/Refer to:

- Removal Program
 State/Tribal Program
 RCRA
 Brownfields
 Other: _____

Regional EPA Reviewer:

LAURA J. RIPLEY
 Print Name/Signature

Laura J. Ripley 7/22/2002
 Date

Carroll Dump Site PreCERCLIS Screening Summary Report

Site Description

The former Carroll Dump site is located on the west side of Carroll Cemetery Road, just south of Winchester Road, Bloom Township, Fairfield County, Ohio (Figure 1). The site encompasses 10.63 acres owned by four separate parties. Very little information is available on the history of dumping activities at this site. It is known that the Village of Carroll used the property as a municipal dump site. There were no files available from the Fairfield County Health Department or the Village of Carroll on what was disposed of at the site or years of operation.

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The following compounds were detected: Methylene Chloride at 8200 ug/kg, Acetone at 1600000 ug/kg, Tetrachloroethene at 11000 ug/kg, Toluene at 2400000 ug/kg, Ethylbenzene at 5400 ug/kg and Xylenes (total) at 41000 ug/kg (Table 1).

Two additional reconnaissance visits were conducted by DERR on February 2, and on April 26, 2002. No receptors or targets were identified during the visits. A search of available databases did not reveal any ground water or surface water pathways. Although the site is unsecured, no evidence of trespassers was found.

Based on the above information, a No Further Remedial Action Planned (NFRAP) designation is being recommended.

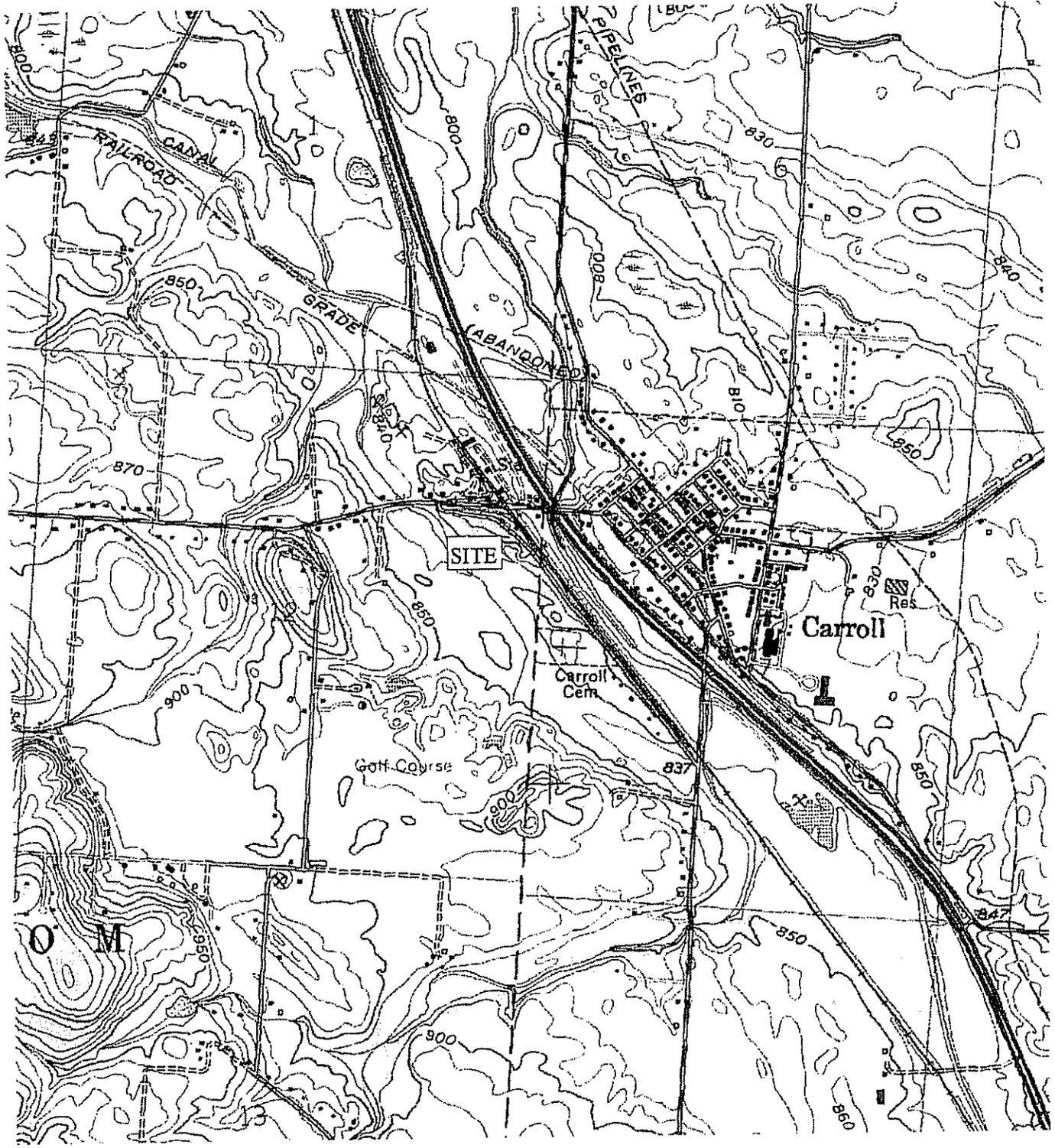


FIGURE 1: SITE LOCATION MAP

CARROLL DUMP SITE

Carroll, Ohio U.S.G.S. Topographic Map
Photo Revised 1970 and 1974



Table 1 - Carroll Dump
Sample Results
OHIO EPA-CDO

Client Sample ID: C.O.U.D. 001

GC/MS Volatiles

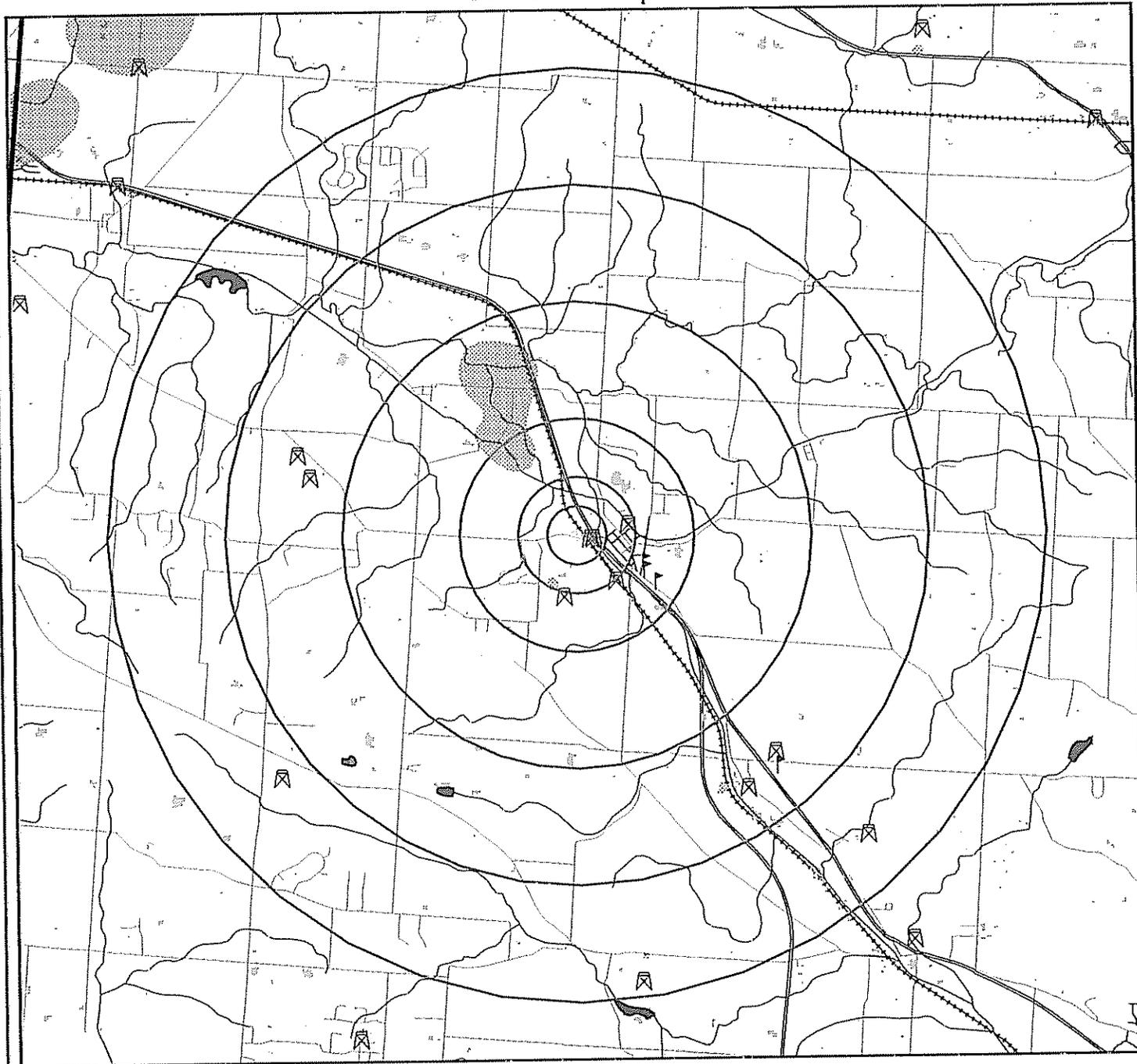
Lot-Sample #...: A9H020162-001 Work Order #...: DORP1101 Matrix.....: WASTE
 Date Sampled...: 07/23/99 Date Received...: 07/31/99
 Prep Date.....: 08/03/99 Analysis Date...: 08/04/99
 Prep Batch #...: 9217212
 Dilution Factor: 100
 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING	
		LIMIT	UNITS
Chloromethane	ND	120000	ug/kg
Bromomethane	ND	120000	ug/kg
Vinyl chloride	ND	120000	ug/kg
Chloroethane	ND	120000	ug/kg
Methylene chloride	8200 J	62000	ug/kg
Acetone	1600000	250000	ug/kg
Carbon disulfide	ND	62000	ug/kg
1,1-Dichloroethene	ND	62000	ug/kg
1,1-Dichloroethane	ND	62000	ug/kg
1,2-Dichloroethene	ND	62000	ug/kg
(total)			
Chloroform	ND	62000	ug/kg
1,2-Dichloroethane	ND	62000	ug/kg
2-Butanone	ND	250000	ug/kg
1,1,1-Trichloroethane	ND	62000	ug/kg
Carbon tetrachloride	ND	62000	ug/kg
Bromodichloromethane	ND	62000	ug/kg
1,2-Dichloropropane	ND	62000	ug/kg
cis-1,3-Dichloropropene	ND	62000	ug/kg
Trichloroethene	ND	62000	ug/kg
Dibromochloromethane	ND	62000	ug/kg
1,1,2-Trichloroethane	ND	62000	ug/kg
Benzene	ND	62000	ug/kg
trans-1,3-Dichloropropene	ND	62000	ug/kg
Bromoform	ND	62000	ug/kg
4-Methyl-2-pentanone	ND	250000	ug/kg
2-Hexanone	ND	250000	ug/kg
Tetrachloroethene	11000 J	62000	ug/kg
1,1,2,2-Tetrachloroethane	ND	62000	ug/kg
Toluene	2400000	62000	ug/kg
Chlorobenzene	ND	62000	ug/kg
Ethylbenzene	5400 J	62000	ug/kg
Styrene	ND	62000	ug/kg
Xylenes (total)	41000 J	62000	ug/kg
SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS	
1,2-Dichloroethane-d4	0.0 DIL	(75 - 117)	
Toluene-d8	0.0 DIL	(86 - 122)	
Bromofluorobenzene	0.0 DIL	(60 - 137)	
Dibromofluoromethane	0.0 DIL	(70 - 135)	

OhioEPA

Division of Emergency & Remedial Response
GEOGRAPHIC INFORMATION SYSTEM 4-MILE RADIUS MAP

Fairfield County Carroll Dump



- Site
- ↑ School
- ⊕ Hospital
- ☐ Public Surface Water Systems
- ⊗ Public Ground Water Systems
- ★ US Endangered/Threatened Species
- ☆ Ohio Endangered/Threatened Species

- ▨ Wetland Area
- Lakes & Ponds
- ▤ Wellhead Protection Area
- Limit of Radius From Site
- ▭ County Boundaries

- ~ Rivers & Streams
- ⚡ Railroad
- ⚡ State and Federal Highways
- ⚡ Local Roads
- ⚡ Municipal Roads



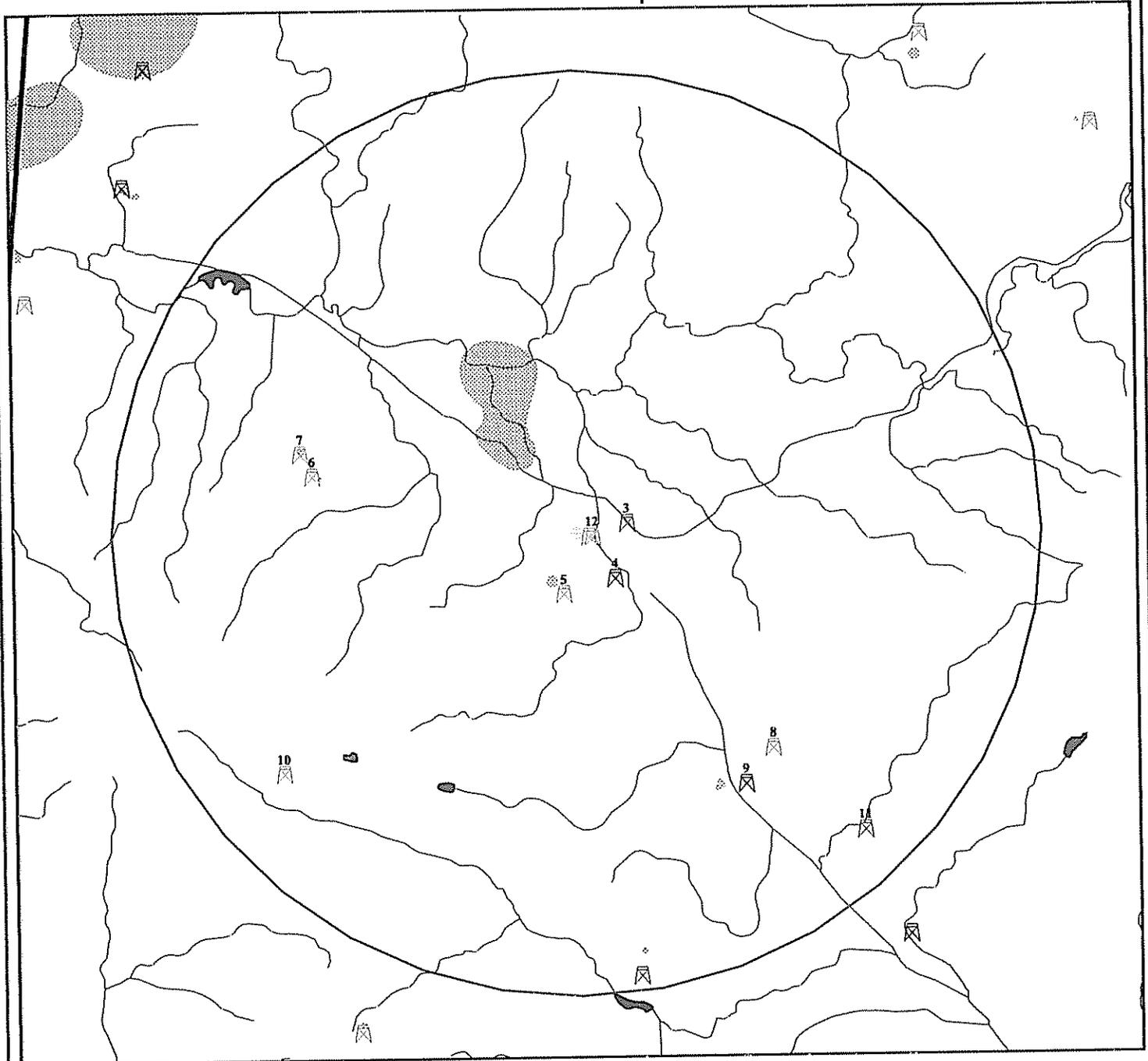
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Division of Emergency & Remedial Response

GEOGRAPHIC INFORMATION SYSTEM 4-MILE RADIUS MAP

PUBLIC GROUND WATER SYSTEMS

Carroll Dump



- ⊕ Site
- Public Ground Water Systems**
- ⊕ Community
- ⊕ Non-Community/Transient
- ⊕ Non-Community/Non-Transient

- ~ Rivers & Streams
- ▨ Wellhead Protection Area
- Lakes & Ponds
- Limit of Radius From Site
- ▭ County Boundaries



ID_	PWS_ID	SYS_TYPE	NAME	ADDRESS	CITY	STA	DISTANCE	POPULATION
1	2332012	Non-Community/Transient	SUPERAMERICA #5226	6005 WINCHESTER ROAD	CARROLL	OH	0.1144	800
2	2341412	Non-Community/Transient	THE 33 SHOP QUICK	4320 LOGAN-LANCASTER ROAD	LANCASTER	OH	0.1429	160
3	2300312	Community	CARROLL, VILLAGE OF	PO BOX 367	CARROLL	OH	0.4420	778
4	2340812	Non-Community/Non-Transient	TENDER DAY CARE CENTER	4485 CARROLL CEMETERY ROAD	CARROLL	OH	0.5177	113
5	2334112	Non-Community/Transient	PINE HILLS GOLF COURSE	PO BOX 415, 4382 KAUFFMAN ROAD	CARROLL	OH	0.5439	225
6	2345622	Non-Community/Transient	CHESTNUT RIDGE METRO PK	8445 WINCHESTER ROAD NW	CARROLL	OH	2.3255	250
7	2345612	Non-Community/Transient	CHESTNUT RIDGE METRO PAR	8445 WINCHESTER ROAD NW	CARROLL	OH	2.4734	250
8	2343712	Non-Community/Transient	CAMP COONPATH	4625 COONPATH RD	CARROLL	OH	2.5142	120
9	2331312	Non-Community/Non-Transient	DIAMOND ELECTRONICS	PO BOX 200	LANCASTER	OH	2.6129	130
10	2334512	Non-Community/Transient	PLEASANT VALLEY GOLF CRS	180 COONPATH ROAD	LANCASTER	OH	3.2716	50
11	2301812	Community	GREENFIELD TWP WATER DIS	WQMI 807 KINNEAR RD	COLUMBUS	OH	3.5670	870
12	2302312	Community	VALLEY VIEW NURSING HOME	5185 LITHOPOLIS ROAD	LANCASTER	OH	3.8639	58

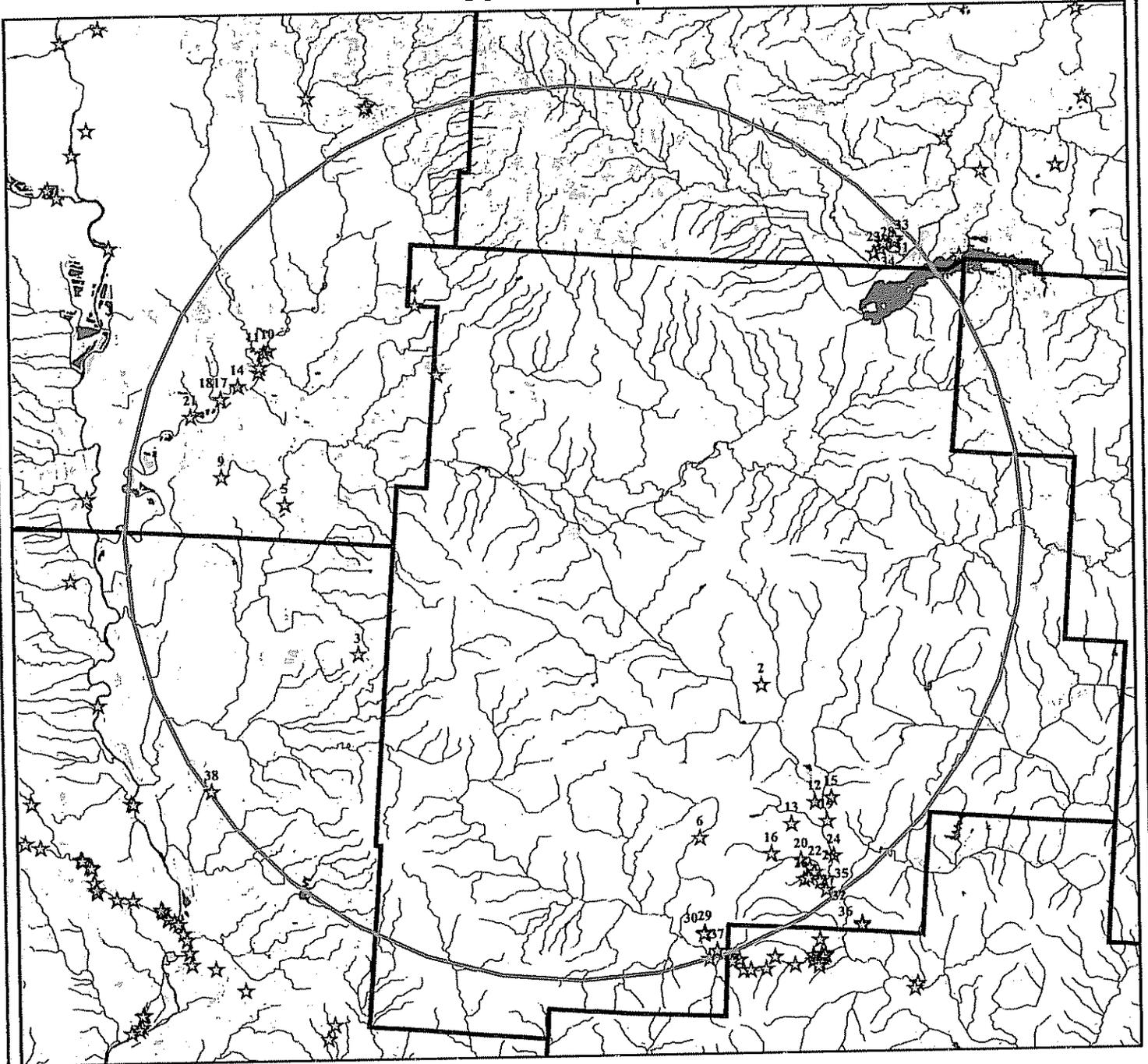
OhioEPA

Division of Emergency & Remedial Response

GEOGRAPHIC INFORMATION SYSTEM 15-MILE RADIUS MAP

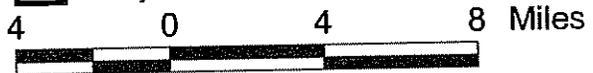
NATURAL HERITAGE DATA

Carroll Dump



- Site
 - ★ US Endangered/Threatened Species
 - ★ Ohio Endangered/Threatened Species
- Public Surface Water Systems
- ☐ Community
 - ☐ Non-Community/Transient
 - ☐ Non-Community/Non-Transient

- ∩ Rivers & Streams
- ▨ Wetland Area
- Lakes & Ponds
- Limit of Radius From Site
- ▭ County Boundaries



ID	STATUS	DISTANCE	SCI_NAME	COM_NAME
1	State Endangered	7.0213	CISTOTHORUS PLATENSIS	SEDGE WREN
2	State Threatened	8.0511	JUNCUS SECUNDUS	ONE-SIDED RUSH
3	State Threatened	8.2576	CAREX CRUS-CORVI	RAVEN-FOOT SEDGE
4	State Endangered	9.3028	ICHTHYOMYZON FOSSOR	NORTHERN BROOK LAMPREY
5	State Threatened	9.6934	BARTRAMIA LONGICAUDA	UPLAND SANDPIPER
6	State Threatened	11.0284	RAMALINA PETRINA	APPALACHIAN TRAIL LICHEN
7	State Endangered	11.8236	ETHEOSTOMA MACULATUM	SPOTTED DARTER
8	State Endangered	11.8661	ICHTHYOMYZON FOSSOR	NORTHERN BROOK LAMPREY
9	State Threatened	11.9042	BARTRAMIA LONGICAUDA	UPLAND SANDPIPER
10	State Endangered	11.9125	QUADRULA CYLINDRICA CYLINDRICA	RABBITSFOOT
11	Federally Endangered	11.9761	PLEUROBEMA CLAVA	CLUBSHELL
12	Federally Endangered	12.0781	PLEUROBEMA CLAVA	CLUBSHELL
13	State Threatened	12.1453	RHODODENDRON MAXIMUM	GREAT RHODODENDRON
14	Federally Endangered	12.2529	PLEUROBEMA CLAVA	CLUBSHELL
15	State Threatened	12.3320	RHODODENDRON MAXIMUM	GREAT RHODODENDRON
16	State Threatened	12.5955	RHODODENDRON MAXIMUM	GREAT RHODODENDRON
17	State Endangered	12.6182	VILLOSA FABALIS	RAYED BEAN
18	State Endangered	12.6182	EPIOBLASMA TRIQUETRA	SNUFFBOX
19	State Endangered	12.8183	QUADRULA CYLINDRICA CYLINDRICA	RABBITSFOOT
20	State Threatened	13.3048	RHODODENDRON MAXIMUM	GREAT RHODODENDRON
21	State Endangered	13.3650	MEGALONAIAS NERVOSA	WASHBOARD
22	State Threatened	13.6931	RHODODENDRON MAXIMUM	GREAT RHODODENDRON
23	State Threatened	13.7389	MYRIOPHYLLUM SIBIRICUM	AMERICAN WATER-MILFOIL
24	State Threatened	13.8555	RHODODENDRON MAXIMUM	GREAT RHODODENDRON
25	State Endangered	13.9033	CANOPARMELIA TEXANA	BUZZARDROOST ROCK LICHEN
26	State Endangered	13.9142	CORDULEGASTER ERRONEA	TIGER SPIKETAIL
27	State Threatened	13.9548	ASTER OBLONGIFOLIUS	SHALE BARREN ASTER
28	State Endangered	14.0058	IXOBRYCHUS EXILIS	LEAST BITTERN
29	State Endangered	14.0688	CORDULEGASTER ERRONEA	TIGER SPIKETAIL
30	State Endangered	14.1106	WILSONIA CANADENSIS	CANADA WARBLER
31	State Threatened	14.1873	MYRIOPHYLLUM SIBIRICUM	AMERICAN WATER-MILFOIL
32	State Threatened	14.2651	RHODODENDRON MAXIMUM	GREAT RHODODENDRON
33	State Endangered	14.5001	CIRCUS CYANEUS	NORTHERN HARRIER
34	State Endangered	14.5858	SISTRURUS CATENATUS	EASTERN MASSASAUGA

35 State Threatened	14.6270 RHODODENDRON MAXIMUM	GREAT RHODODENDRON
36 State Endangered	14.6270 RHODODENDRON CALENDULACEUM	FLAME AZALEA
37 State Threatened	14.7747 RHODODENDRON MAXIMUM	GREAT RHODODENDRON
38 State Endangered	14.8487 ECHINODORUS ROSTRATUS	BUR-HEAD
