

ARCADIS

Appendix I

Off-Site Well Survey Summary



Summary of Off-Site Well Survey in 2007/2008

An off-site private well survey was conducted in five areas to the west, southwest, south, southeast, and east of the former General Motors Facilities (Site) in Moraine, Ohio in support of RCRA Corrective Action. The purpose of conducting this well survey was to obtain updated information from previous surveys and to obtain information from a new area east of the Site. The results of this well survey are presented in the Corrective Measures Proposal (CMP).

Previous well surveys were conducted in 1991 for a Bureau of Underground Storage Tank Regulations (BUSTR) tank closure and in 1996, 2002, and 2003 for RCRA Corrective Action. Later in 2004, attempts were made to locate the well log for the property located east of the Site at 2651 Blanchard Avenue, but the log was not available. Water samples from this property were collected in October 2004, as presented below.

The boundaries for the five areas (Figure 1) were determined by reviewing the site-specific VOC concentrations in the upper and lower aquifers using data that was collected through 2008 and incorporating the off-site areas where the groundwater plume is believed to be present above the maximum contaminant levels (MCLs). A discussion of plume delineation is presented in the CMP. A review of the Ohio Department of Natural Resources (ODNR) well log files was conducted for Areas 1 through 5 in December 2007. Well logs for located and unlocated wells were obtained from ODNR and are included in this summary report in Attachments I-1 through I-5. A located well is defined as a well that the ODNR has record of a well log and can confirm its location on a map. An unlocated well is defined as a well that the ODNR has record of a well log but cannot confirm its location on a map.

In addition, an internet search of Montgomery County's Real Estate Tax Information System was completed to identify each parcel in each of the five areas and determine the property address, and telephone correspondence with the Montgomery County Water Department and the City of West Carrollton was conducted to confirm public water supply usage to each property address. Site visits were made to confirm property addresses and current property development. If a well was observed during the property drive by but there was no ODNR well log available for that well, it was defined as a "known well" in the summary tables in Attachments I-1 through I-5. A summary of the findings of this off-site private well survey is presented in the following sections for Areas 1 through 5.

Area 1

Area 1 is bounded to the north by a drainage ditch, to the west by I-75, to the south by the Closed South Settling Lagoon, and to the east by Dryden Road. Attachment I-1 includes Table 1 (Results of Off-Site Well Survey), Table 2 (Area 1 Located and Unlocated Wells), Area 1 Parcel Map, Figure 2 (Aerial of Located and Unlocated Area 1 Wells), and Area 1 Well Logs.

**Findings:**

- **3571/3573 Dryden Road** - While no well log was found during a search of records at the ODNR, a known well exists at this property located west of the Site at 3571/3573 Dryden Road. Field verification confirmed the location of the well at the north end of the building located at the above referenced address. According to Montgomery County Water Department, this address does not have public water service provided. The well water is used for the restroom facilities and bottled water is used for potable purposes. The well was sampled in July 2002 and June 2003. VOCs detected in these samples included 1,2-dichloroethane (1,2-DCA), cis-1,2-dichloroethene (cis-1,2-DCE), and vinyl chloride. The results for 1,2-DCA and cis-1,2-DCE were below MCLs and the vinyl chloride results (2.4 ug/L) slightly exceeded the MCL.

Montgomery County Water Department and Pam Barnett of RACER Trust have confirmed that all other properties in this area have public water service provided.

Area 2

Area 2 is bounded to the north by Hoylake Court, to the west by I-75, to the south by Main Street, and to the east by Dryden Road. Attachment I-2 includes Table 3 (Results of Off-Site Well Survey), Table 4 (Area 2 Located and Unlocated Wells), Area 2 Parcel Map, Figure 3 (Aerial of Located and Unlocated Area 2 Wells), and Area 2 Well Logs.

Findings:

Montgomery County Water Department and Pam Barnett have confirmed that all properties in this area have public water service provided.

Area 3

Area 3 is bounded to the northwest by Kettering Boulevard, to the west by Springboro Road, to the southeast by South Dixie Highway, and to the northeast by West Stroop Road. Attachment I-3 includes Table 5 (Results of Off-Site Well Survey), Table 6 (Area 3 Located and Unlocated Wells), Area 3 Parcel Map, Figure 4 (Aerial of Located and Unlocated Area 3 Wells), and Area 3 Well Logs.

Findings:

- **2651 Blanchard Avenue** - While no well log was found during a search of records at the ODNR, a known well exists at this property located east of the Site at 2651 Blanchard Avenue. According to Montgomery County Water Department, this address has received public water service in the past, but disconnected service in 1996. The well was sampled in October 2004. VOCs detected in these samples included chloroethane, 1,1-dichloroethane (1,1-DCA), and cis-



1,2-DCE. The results for these VOCs were below drinking water criteria (MCLs and equivalent drinking water levels [EDWLs]). Carbon vessels are used for water treatment at this property.

Montgomery County Water Department and Pam Barnett have confirmed that all other properties in this area have public water service provided.

Area 4

Area 4 is bounded to the north by Main Street, to the west by I-75 and the Great Miami River, to the south by South Dixie Highway, Arcola Avenue, and Lindbergh Boulevard, and to the east by Springboro Road. Attachment I-4 includes Table 7 (Results of Off-Site Well Survey), Table 8 (Area 4 Located and Unlocated Wells), Area 4 Parcel Map, Figure 5 (Aerial of Located and Unlocated Area 4 Wells), and Area 4 Well Logs.

Findings:

5303 Exeter Road - Neither Montgomery County Water Department nor the City of West Carrollton could confirm public water service to this address. On March 13, 2008, Pam Barnett spoke to a Coldwell Banker Real Estate agent who has 5303 Exeter Road as a listing. The agent indicated that 5303 Exeter Road has Montgomery County water service. The agent also indicated that the property has a well that has been used for watering the lawn and that the house is capable of being switched back to the well if desired. At the time of the survey, this property was for sale.

Montgomery County Water Department, the City of West Carrollton, and Pam Barnett have confirmed that all other properties in this area have public water service provided.

Area 5

Area 5 is bounded to the north by Main Street, to the southwest by Beechgrove Road and Recreation Drive, and to the south/southeast by the Great Miami River. Attachment I-5 includes Table 9 (Results of Off-Site Well Survey), Table 10 (Area 5 Located and Unlocated Wells), Area 5 Parcel Map, Figure 6 (Aerial of Located and Unlocated Area 5 Wells), and Area 5 Well Logs.

Findings:

Montgomery County Water Department and Pam Barnett have confirmed that all properties in this area have public water service provided.



WELL SURVEY AREAS 1-5
 RACER TRUST
 MORAINE, OHIO



DRAWN R. SMITH	DATE 12/17/2012	PROJECT MANAGER N. GILLOTTI	DRAWING NAME OH294\01\WS\OH29412-20
		LEAD DESIGN PROF. J. REID	CHECKED N. GILLOTTI
PROJECT NUMBER OH000294.2012			FIGURE NUMBER 1

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Appendix I-1

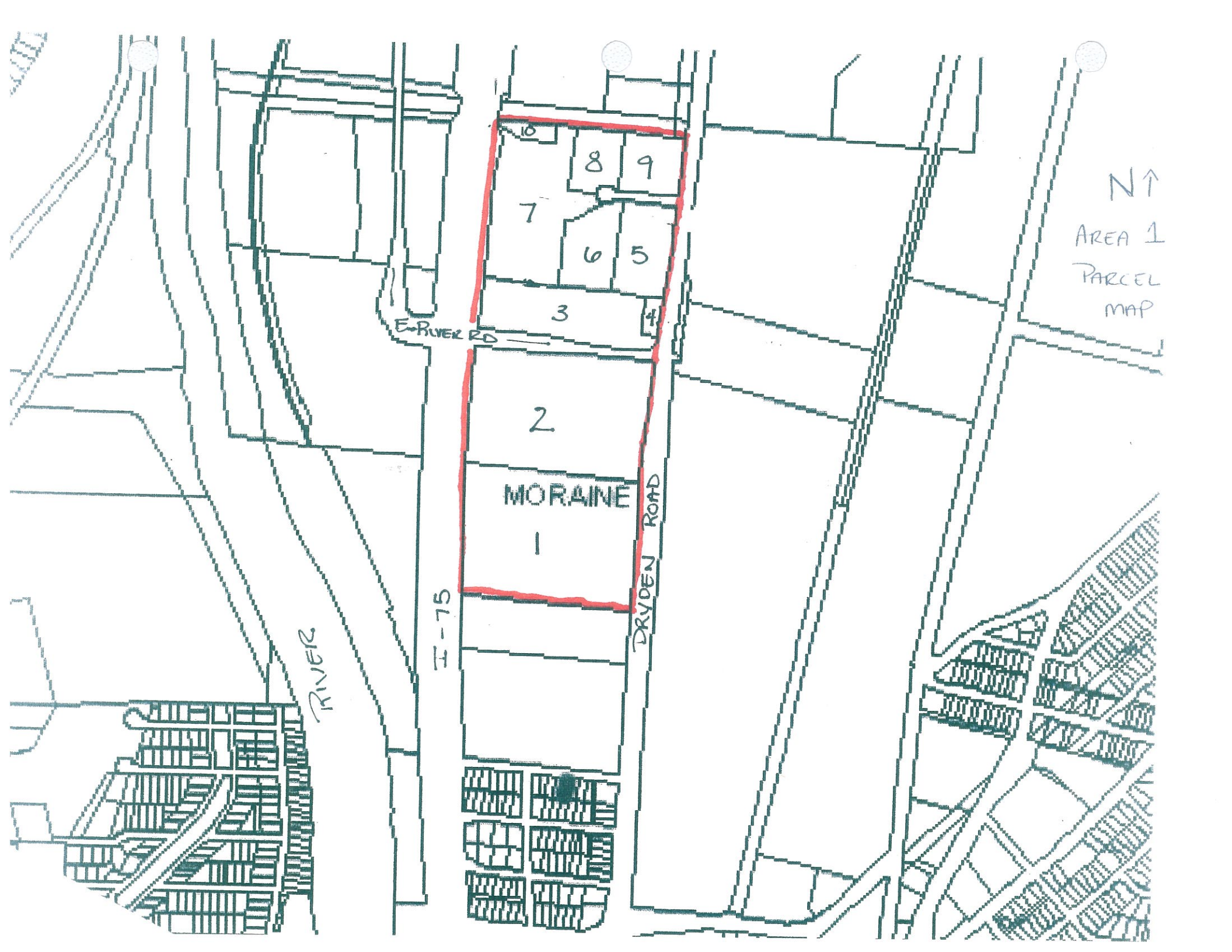
Area 1 Off-Site Well Survey Results



WELL SURVEY AREA 1
 RACER TRUST
 MORAIN, OHIO



DRAWN R. SMITH	DATE 12/17/2012	PROJECT MANAGER N. GILLOTTI	DRAWING NAME OH294\01\WS\OH29412-22
		LEAD DESIGN PROF. J. REID	CHECKED P. DAVIS
		PROJECT NUMBER OH000294.2012	FIGURE NUMBER 2



N ↑
AREA 1
PARCEL
MAP

E RIVER RD

DRYDEN ROAD

I-75

RIVER

MORaine

2

3

6

5

8

9

7

6

1

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Table 1. Results of Off-Site Well Survey, Area 1, RACER Trust, Moraine, Ohio.

Parcel ID Number	Figure ID No.	Addresses	Acres	Water Service Provided?	Comments
J44041060010	2	3601 Dryden Rd.	14.97	Y	Could not access inside fence where ODNR well log map indicated well may be present. More details on this property are provided on Table 2.
J44041060094	3	4200 E. River Rd.	5.02	Y	4200 E. River Rd. - Office building west of Recording Studio (4202/4240 E. River Rd.). * 4202 Bimac Machining *4204 Priority *4208 Dayton Business Interiors *4210 Vacant *4218 Warhawks Bingo *4222 Relay Express *4240 Andover Industries
J44041060094	4	3571/3573 Dryden Road	5.02	N	The Recording Lab - Well found. 3571/3573 Dryden Rd. No well log found.
J44041060094	5	3277/3265 Dryden Rd.	5.02	Y	Office building - 3277/3265 Dryden Road address on Well Log #525223 locates to this address. This address found at north end of building. No well found. * 3265/3271 Morben USA, Inc. * 3275 Dayton Sail & Power Squadron * 3277 Scott Tissue
J441041090048	1	3601 Dryden Rd.	15.82	Y	
J44210150003	9	3501 Miller Valentine Ct.	2.503	Y	*3509 Eicom Corporation on Miller Valentine * No address for Scott Tissue Warehouse Outlet - Closed
J44210190001	7	4000 Miller Valentine Ct.	8.21	Y	Well log exists. Last sampled by GM in 2002. Well water used for irrigation.
J44210190002	8	Miller Valentine Court	2.08	Y	Grass Covered Field. No structures present.
J44210190003	6	Miller Valentine Court	2.95	Y	Grass Covered Field. No structures present.
No Data	10	No Data	0	N	Grass and tree covered field. No structures present.

* Refer to Table 2 for ODNR Well Log numbers.

Parcel IDs, addresses, owners, and acreage found on Montgomery County Auditors web site (www.mcauditor.org).

Water service determination made by calling either Montgomery County Water District or West Carrollton Water District.

Comments made by ARCADIS staff after review of all available information and property drive by.

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Table 2. Area 1 Located and Unlocated Well Logs, RACER Trust, Moraine, Ohio.

Figure ID No.	ODNR Well Log No.	Well Log No.	Year Drilled	Total Depth (ft)	Address	Water Service Provided?	Survey Results
Area 1 Located Wells							
1A	525223	12	1979	84	3265 Dryden Road	Y	No well found on property.
1B	374378	C59	1969	80'	626 Railroad Street	Y	Address on well log no longer exists. Well is located inside fence of Cooper Tire. Cooper Tire does have water service provided by Montgomery County. Log indicates location of property as Frigidaire Warehouse.
Area 1 Unlocated Wells							
2A	819547		1997	120	Miller Valentine Court - East of I-75	Y	Found at South end of Miller Valentine parking lot. Well water is used for irrigation. GM sampled this well in 2002.
Area 1 Known Wells							
2K					3571/3573 Dryden Rd.	N	North end of building. The Recording Lab. Well supplies water to restroom facilities. GM sampled this well in 2002 and 2003.

WEI LOG AND DRILLING REPORT

ORIGINAL

NO CARBON PAPER
NECESSARY -
SELF-TRANSCRIBING

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

525223

H4 ✓

COUNTY Montgomery TOWNSHIP Miami (City Moraine) SECTION OF TOWNSHIP _____
OWNER Mid-States Development Co ADDRESS 3265 Dryden Road
LOCATION OF PROPERTY North And Northeast Corner Of Existing Bldg 3265 Dryden Rd
Off J - 75 - Moraine Industrial Center

CONSTRUCTION DETAILS	(BAILING OR PUMPING TEST) <small>(specify one by circling)</small>
Casing diameter <u>6"</u> Length of casing <u>62</u>	Test rate <u>20</u> gpm Duration of test <u>4</u> hrs
Type of screen <u>PVC</u> Length of screen <u>10</u>	Drawdown <u>10</u> ft Date <u>5 - 24 - 79</u>
Type of pump _____	Static level (depth to water) <u>46</u> ft
Capacity of pump _____	Quality (clear, cloudy, taste, odor) <u>Clear</u>
Depth of pump setting _____	Pump installed by <u>Test Pumps Used By EPA For</u> <u>Sample Testing</u>
Date of completion <u>5 - 24 - 79</u>	

WELL LOG*	SKETCH SHOWING LOCATION
Formations: sandstone, shale, limestone, gravel, clay	Locate in reference to numbered state highways, street intersections, county roads, etc.
From To	N
Soil 0 ft 1-6" ft	<div style="display: flex; justify-content: space-between;"> W E </div>
Dry Gravel 1-6" 48	
Water Gravel 48 54	
Hard Pan 54 62	
Water Gravel 62 84-5"	
74 Ft 4" Non Toxic PVC - Sch. 40 Pipe	
Well Screen 10 Ft PVC	
Well Casing Pulled Back 22 Ft - Above	
Hard Pan Formation - Cemented At This	
Depth And Filled To Ground Level	
5513	S

DRILLING FIRM Scott Well Drilling Company DATE 5 - 24, 1979
ADDRESS 5859 Brantford Road, Dayton SIGNED Wesley O. Lee Scott
45414

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

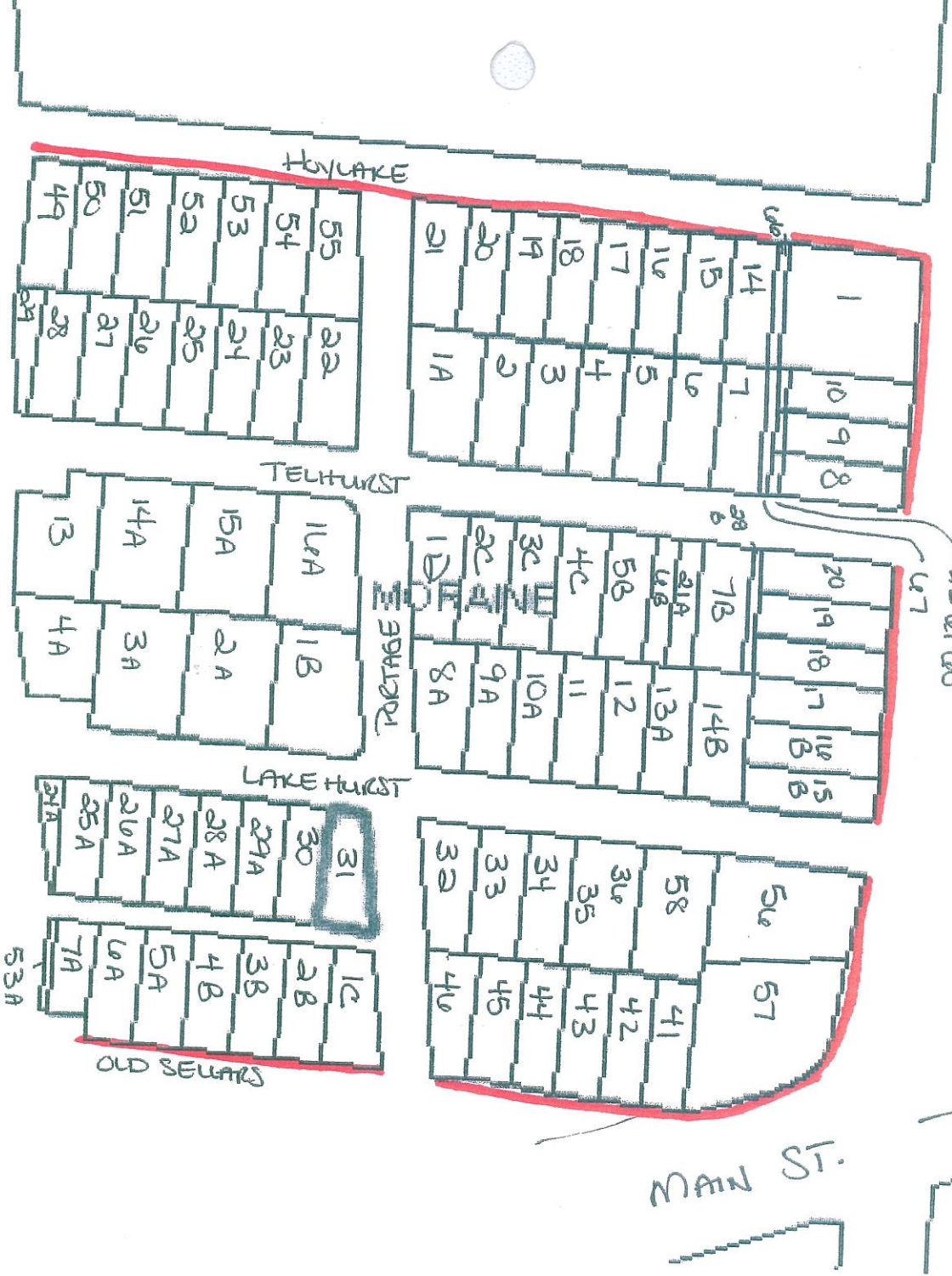
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Appendix I-2

Area 2 Off-Site Well Survey Results

N ↑
 AREA 2
 PARCEL
 MAP

DRYDEN ROAD



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Table 3. Results of Off-Site Well Survey, Area 2, RACER Trust, Moraine, Ohio.

Parcel ID Number	Figure ID No.	Addresses	Acres	Water Service Provided?	Comments
J441210060001	1C	3005 Old Sellars	0.1212	Y	
J441210060002	2B	3005 Old Sellars	0.1136	Y	
J441210060003	3B	3009 Old Sellars	0.1136	Y	
J441210060004	4B	3013 Old Sellars	0.1136	Y	
J441210060005	5A	3017 Old Sellars	0.1136	Y	
J441210060006	6A	3021 Old Sellars	0.1136	Y	
J441210060007	7A	Old Sellars Road	0.079	Y	
J441210060024	24A	3026 Lakehurst	0	N	Adjoining to 3022 Lakehurst. One structure.
J441210060025	25A	3022 Lakehurst	0.1061	Y	
J441210060026	26A	3020 Lakehurst	0.1061	Y	
J441210060027	27A	3018 Lakehurst	0.1061	Y	
J441210060028	28A	3016 Lakehurst	0.1061	Y	
J441210060029	29 A	3010 Lakehurst	0.1061	Y	
J441210060030	30	Lakehurst	0.1061	Y	One structure on lot. Driveway egress on Portage. Mailbox on Lakehurst. Confirmed house address is 3000 Lakehurst. Pam Barnett indicated service confirmed by resident in 2004.
J441210060031	31	3000 Lakehurst	0.1061	Y	
J441210060032	32	2920 Lakehurst	0.146	Y	
J441210060033	33	2916 Lakehurst	0.1229	Y	
J441210060034	34	2912 Lakehurst	0.1212	Y	
J441210060035	35	2908 Lakehurst	0.1858	Y	
J441210060036	36	2908 Lakehurst	0.1858	Y	
J441210060041	41	2901 Sellars Road	0.1157	Y	Alley Access to Moraine Drive Thru (J441210060058)
J441210060042	42	2909 Sellars Road	0.2314	Y	
J441210060044	44	2917 Old Sellars	0.1157	Y	
J441210060045	45	2921 Old Sellars	0.1157	Y	
J441210060046	46	2921 Old Sellars	0.1074	Y	
J441210060056	56	Dryden Road	0.2925	Y	
J441210060057	57	2901 Sellars Road	0.352	Y	
J441210060058	58	2900 Lakehurst	0.186	Y	

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Table 3. Results of Off-Site Well Survey, Area 2, RACER Trust, Moraine, Ohio.

Parcel ID Number	Figure ID No.	Addresses	Acres	Water Service Provided?	Comments
J441210070001	1D	2924 Telhurst	0.1377	Y	
J441210070002	2C	2924 Telhurst	0.124	Y	
J441210070004	4C	2912 Telhurst	0.124	Y	
J441210070005	5B	2908 Telhurst	0.124	Y	
J441210070006	3C	2916 Telhurst	0.124	Y	
J441210070006	6B	2908 Telhurst	0.0634	Y	
J441210070007	7B	2900 Telhurst	0.1295	Y	
J441210070021	21A	1600 Telhurst		N	Easement between 2900 & 2908
J441210070008	8A	2925 Lakehurst	0.1405	Y	
J441210070009	9A	2921 Lakehurst	0.1157	Y	
J441210070010	10A	2917 Lakehurst	0.1157	Y	
J441210070011	11	2913 Lakehurst	0.1157	Y	
J441210070012	12	2905 Lakehurst	0.1157	Y	
J441210070013	13A	2905 Lakehurst	0.1157	Y	
J441210070014	14B	2901 Lakehurst	0.146	Y	
J441210070015	15B	3413 Dryden Road	0.1056	Y	
J441210070016	16B	3413 Dryden Road	0.1056	Y	
J441210070017	17A	3409 Dryden	0.1056	Y	
J441210070018	18A	3409 Dryden	0.1056	Y	
J441210070019	19A	Dryden Road	0.1056	Y	
J441210070020	20A	3401 Dryden	0.1056	Y	
J441210080001	1A	2925 Telhurst	0.1736	Y	
J441210080002	2	2921 Telhurst	0.124	Y	
J441210080003	3	2913 Telhurst	0.2479	Y	
J441210080005	5	2909 Telhurst	0.124	Y	
J441210080006	6	2905 Telhurst	0.124	Y	
J441210080007	7	2901 Telhurst	0.1295	Y	

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Table 3. Results of Off-Site Well Survey, Area 2, RACER Trust, Moraine, Ohio.

Parcel ID Number	Figure ID No.	Addresses	Acres	Water Service Provided?	Comments
J441210080008	8	3391 Dryden Road	0.1148	Y	All 3 appear to be one property (house/garage/shed). #10 may be an easment - no structure.
J441210080009	9	Dryden Road	0.1148	Y	
J441210080010	10	Dryden Road	0.1148	N	
J441210080014	14	2900 Hoylake	0.1488	Y	
J441210080015	15	2904 Hoylake	0.1157	Y	
J441210080016	16	2908 Hoylake	0.1157	Y	
J441210080017	17	2912 Hoylake	0.1157	Y	
J441210080018	18	2916 Hoylake	0.1157	Y	
J441210080019	19	2924 Hoylake	0.1157	Y	
J441210080020	20	2924 Hoylake	0.1157	Y	
J441210080021	21	2928 Hoylake	0.135	Y	
J441210080022	22	3001 Telhurst	0.1488	Y	
J441210080023	23	3005 Telhurst	0.1157	Y	
J441210080024	24	Telhurst	0.1157	Y	
J441210080025	25	3009 Telhurst	0.1157	Y	
J441210080026	26	3013 Telhurst	0.1157	Y	
J441210080027	27	3015 Telhurst	0.1157	Y	
J441210080028	28	Telhurst	0.1157	Y	
J441210080029	29	Telhurst	0	N	Seems to be part of 3015 Telhurst. Fenced in with 3015. Abuts freeway sound barrier. No structure.
J441210080049	49	3020 Hoylake	0.124	Y	
J441210080050	50	3018 Hoylake	0.124	Y	
J441210080052	52	3012 Hoylake	0.1157	Y	
J441210080053	53	3008 Hoylake	0.1157	Y	
J441210080054	54	3016 Hoylake	0.124	Y	
J441210080055	55	3000 Hoylake	0.1185	Y	
J441210090001	1B	3001 Lakehurst	0.2369	Y	J441210090002 empty lot north of Moraine Baptist Temple.
J441210090002	2A	Lakehurst	0.4573	N	

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Table 3. Results of Off-Site Well Survey, Area 2, RACER Trust, Moraine, Ohio.

Parcel ID Number	Figure ID No.	Addresses	Acres	Water Service Provided?	Comments
J441210090004	4A	Lakehurst	0.1483	N	City Park. No structure.
J441210090013	13	Telhurst	0	N	
J441210090014	14A	3012 Telhurst	0.2287	Y	
J441210090015	15A	3006 Telhurst	0.2287	Y	
J441210090016	16A	Telhurst	0.2204	N	Empty lot north of Moraine Baptist Temple.
J441282230001	1	3901 Dryden Road	0.3444	Y	Next to Temple.
J441282230001	66	3901 Dryden Road	0.3444	N	Easement
No Data	3A	No Data	No Data	No data	Vacant Lot
No Data	4	No Data	No Data	No data	Part of 2913 Telhurst - Addition to existing house.
No Data	43	No Data	No Data	No data	Part of 2909 - Old Sellars. Double lot, one structure.
No Data	60	No Data	No Data	No data	Easement
No Data	61	No Data	No Data	No data	Easement
No Data	62	No Data	No Data	No data	Easement
No Data	67	No Data	No Data	No data	Easement

* Refer to Table 4 for

Parcel IDs, addresses, owners, and acreage found on Montgomery County Auditors web site (www.mcauditor.org).

Water service determination made by calling either Montgomery County Water District or West Carrollton Water District.

Comments made by ARCADIS staff after review of all available information and property drive by.

ARCADIS

Table 4. Area 4 Located and Unlocated Well Logs, RACER Trust, Moraine, Ohio.

Figure ID No.	ODNR Well Log No.	Well Log No.	Year Drilled	Total Depth (ft)	Address	Water Service Provided?	Survey Results
Area 2 Located Wells							
1E	109470	53	1953	47	3012 Hoylake Drive	Y	No well seen.
1F	109480	54	1954	50	2928 Hoylake Court	Y	No well seen.
1OO	129095		1954	46	2924 Telhurst Court	Y	No well seen.
1PP	49166		1954	42	2917 Sellars Road	Y	No well seen.
1QQ	136462		1954	50	3021 Sellars Road	Y	No well seen.
1RR	109497		1954	41	3015 Telhurst Court	Y	No well seen.
Area 2 Unlocated Wells							
2B	109914		1953	43	Telhurst Avenue - No address number on log.	Y	No well seen on north side of Telhurst between Portage and Dryden. Well log has no address to locate well. Drive by was performed in general area and no well was found. All properties on Telhurst have confirmed water service.

V = 1,515,300
(5000 x 3000)

WELL LOG AND DRILLING REPORT

ORIGINAL

State of Ohio
DEPARTMENT OF NATURAL RESOURCES
Division of Water
Columbus, Ohio

No 109480

14 = 618,000 - 5

County Montgomery Township Van Buren Section of Township West Moraine Flat or Lot Number

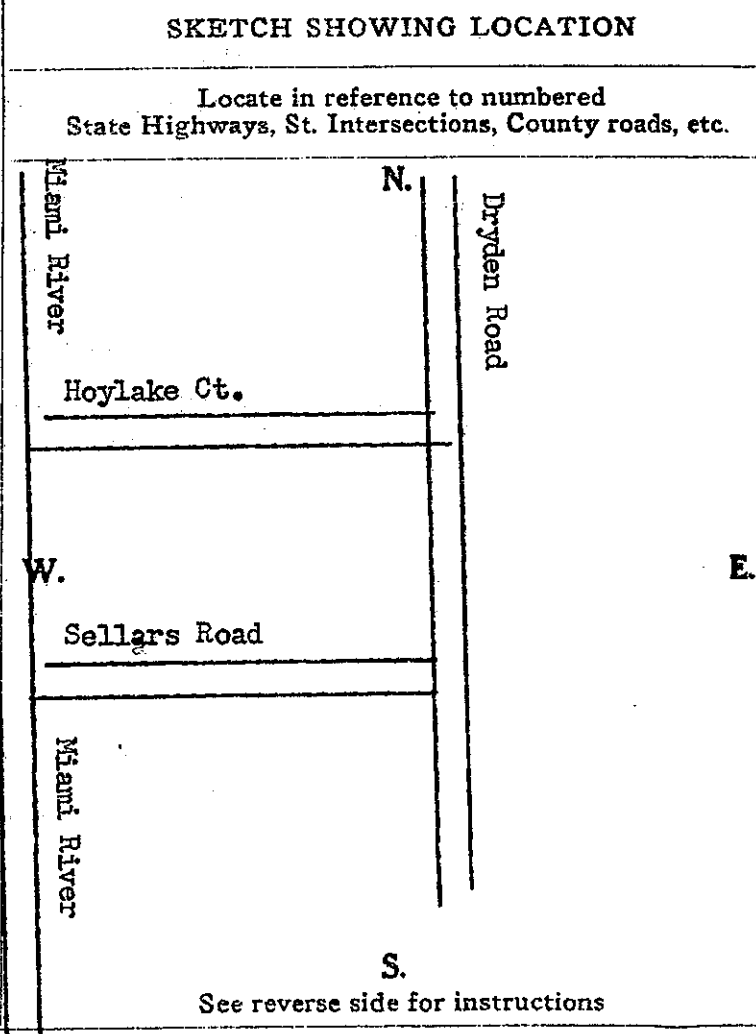
Owner OMER MYNHIER Address 2928 Hoylake Ct., Dayton 9, Ohio

Location of property Hoylake Ct., West Moraine Flat, Dayton 9, Ohio

CONSTRUCTION DETAILS	
Casing diameter $4\frac{1}{4}$ "	Length of casing <u>50'</u>
Type of screen	Length of screen
Type of pump	
Capacity of pump	
Depth of pump setting	

PUMPING TEST	
Pumping rate	G.P.M. Duration of test
Drawdown	ft. Date
Developed capacity	
Static level—depth to water	<u>29'</u> ft
Pump installed by	

WELL LOG		
Formations Sandstone, shale, limestone, gravel and clay	From	To
Clay and Gravel	0 Feet	18 Ft.
Gravel, Dry	18	29
Water Gravel and Sand	29	50
Dip test at approx. 8 G.P.M.		
4064		



Drilling Firm RARL HOLLANDSWORTH
Well Drilling
Address 2536 One Avenue - North Ridge
DAYTON, OHIO

Date January 3 1954
Signed Carl Hollandsworth

Water Well Log and Drilling Report
Ohio Department of Natural Resources
Division of Water
Phone: 614-265-6740

email: water@dnr.state.oh.us
Water Home: www.ohiodnr.com



WELL LOG AND DRILLING REPORT

Well Log Number: 129095



ORIGINAL OWNER AND LOCATION

Original Owner Name: WILLIAM NEUBERG Lot Number:
County: MONTGOMERY Township: MORAIN Section Number:
Address: 2924 TELHURST COURT
City: State: OH Zip Code:
Location Number: Location Map Year: 1983 Location Area: B

CONSTRUCTION DETAILS

Borehole Diameter: Total Depth: 46 ft. Depth to Bedrock:
Borehole Diameter:
Casing Diameter: 4.5 in. Casing Thickness: Casing Length: 46 ft.
Casing Diameter: Casing Thickness: Casing Length: 46 ft.
Well Use: Screen Length: Date of Completion: 6/25/54
Aquifer Type: GRAVEL Driller's Name: HOLLANDSWORTH EARL INC

WELL TEST DETAILS

Static Water Level: 30 ft. Test Rate: Associated Reports
Drawdown: Test Duration: NONE

COMMENTS:

WELL LOG

Formations	From	To
DRY GRAVEL	0	25
GRAVEL	25	46
WATER AT	46	46

Water Well Log and Drilling Report
Ohio Department of Natural Resources
Division of Water
Phone: 614-265-6740
email: water@dnr.state.oh.us
Water Home: <http://www.ohiodnr.com>



WELL LOG AND DRILLING REPORT

Well Log Number: 49166



ORIGINAL OWNER AND LOCATION

Original Owner Name: *JIM VANNORS DALL* Lot Number:
County: *MONTGOMERY* Township: *MORAIN* Section Number:
Address: *2917 SELLARS ROAD*
City: State: *OH* Zip Code:
Location Number: Location Map Year: Location Area:

CONSTRUCTION DETAILS

Borehole Diameter: Total Depth: *42 ft.* Depth to Bedrock:
Borehole Diameter:
Casing Diameter: *6 in.* Casing Thickness: Casing Length: *42 ft.*
Casing Diameter: Casing Thickness: Casing Length: *42 ft.*
Well Use: Screen Length: Date of Completion: *6/4/54*
Aquifer Type: *SAND AND GRAVEL* Driller's Name:

WELL TEST DETAILS

Static Water Level: *27 ft.* Test Rate: *20 gpm* Associated Reports
Drawdown: *0 ft.* Test Duration: NONE

COMMENTS:

WELL LOG

Formations	From	To
CLAY	0	2
DRY GRAVEL	2	38
SAND & GRAVEL	38	42
WATER AT	42	42



Water Well Log and Drilling Report
Ohio Department of Natural Resources
Division of Water
Phone: 614-265-6740

email: water@dnr.state.oh.us
Water Home: www.dnr.state.oh.us

WELL LOG AND DRILLING REPORT

Well Log Number: 136462

ORIGINAL OWNER AND LOCATION

Original Owner Name: *ALVAN WALLACE* Lot Number:
County: *MONTGOMERY* Township: *MORAIN* Section Number:
Address: *3021 SELLARS ROAD*
City: State: *OH* Zip Code:
Location Number: Location Map Year: *1983* Location Area: *B*

CONSTRUCTION DETAILS

Borehole Diameter: Total Depth: *50 ft.* Depth to Bedrock:
Borehole Diameter:
Casing Diameter: *5.63 in.* Casing Thickness: Casing Length: *50 ft.*
Casing Diameter: Casing Thickness: Casing Length: *50 ft.*
Well Use: Screen Length: Date of Completion: *7/6/54*
Aquifer Type: *GRAVEL* Driller's Name: *HAYS ELBERT*

WELL TEST DETAILS

Static Water Level: *21 ft.* Test Rate: Associated Reports
Drawdown: Test Duration: NONE

COMMENTS:

WELL LOG

<u>Formations</u>	<u>From</u>	<u>To</u>
CLAY	0	5
GRAVEL	5	32
SAND	32	47
GRAVEL	47	50
WATER AT	34	34



Water Well Log and Drilling Report
Ohio Department of Natural Resources
Division of Water
Phone: 614-265-6740

email: water@dnr.state.oh.us
Water Home: www.dnr.state.oh.us

WELL LOG AND DRILLING REPORT

Well Log Number: 109497



ORIGINAL OWNER AND LOCATION

Original Owner Name: ALBERT/ELSIE MITCHELL Lot Number:
County: MONTGOMERY Township: MORAIN Section Number:
Address: 3015 TELHURST STREET
City: State: OH Zip Code:
Location Number: Location Map Year: 1983 Location Area: B

CONSTRUCTION DETAILS

Borehole Diameter: Total Depth: 41 ft. Depth to Bedrock:
Borehole Diameter:
Casing Diameter: 4.5 in. Casing Thickness: Casing Length: 41 ft.
Casing Diameter: Casing Thickness: Casing Length: 41.4 ft.
Well Use: Screen Length: Date of Completion: 2/22/54
Aquifer Type: GRAVEL Driller's Name: HOLLANDSWORTH EARL INC

WELL TEST DETAILS

Static Water Level: 28 ft. Test Rate: Associated Reports
Drawdown: 0 ft. Test Duration: NONE

COMMENTS:

WELL LOG

Formations	From	To
GRAVEL & CLAY	0	20
GRAVEL	20	28
WATER AT	41	41

X=1,515,000
(3000,3000)

WELL LOG AND DRILLING REPORT

URIGIN

y = 619,000 - 5

State of Ohio
DEPARTMENT OF NATURAL RESOURCES
Division of Water
Columbus, Ohio

No 109914

County Montgomery Township Moraine Section of Township or Lot Number Moraine

Owner Woodrow W. Holbrook Address Telhurst Ave

Location of property Moraine City

CONSTRUCTION DETAILS

Casing diameter 5 1/2 Length of casing 43 ft
Type of screen Length of screen
Type of pump
Capacity of pump
Depth of pump setting

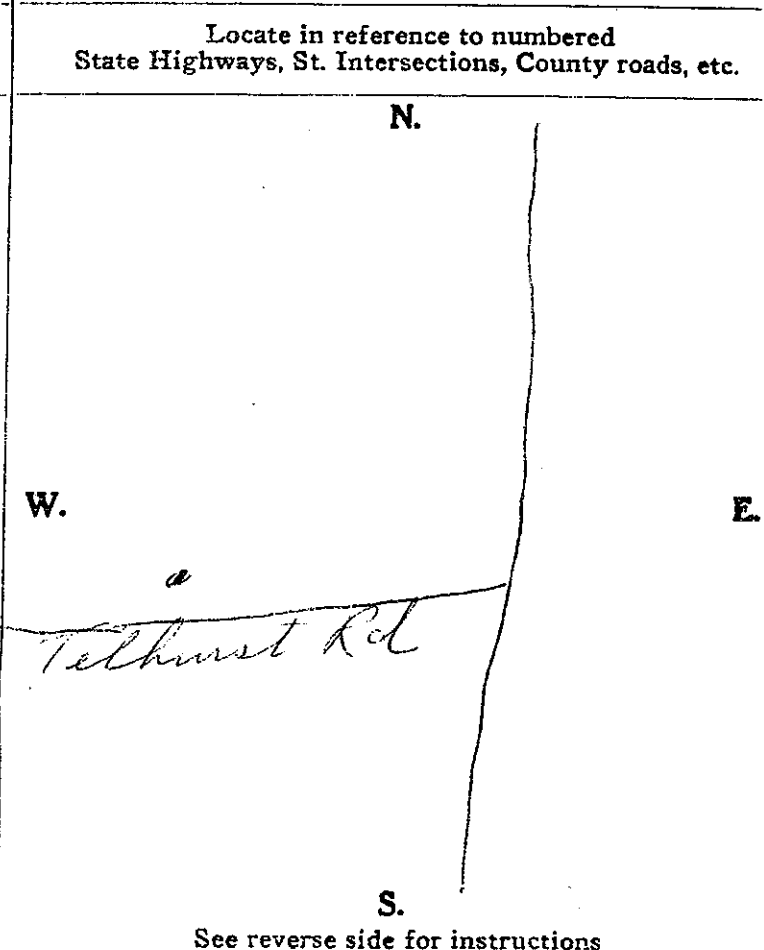
PUMPING TEST

Pumping rate 500 g.p.m. Duration of test 1 hr
Drawdown None ft. Date Oct 9, 1955
Developed capacity
Static level—depth to water 25 ft
Pump installed by

WELL LOG

Formations Sandstone, shale, limestone, gravel and clay	From 0 Feet	To Ft.
<u>Sand & Gravel</u>	<u>43 ft</u>	
<u>Water at 43 ft</u>		
<u>1040</u>		

SKETCH SHOWING LOCATION



See reverse side for instructions

Drilling Firm George W. Robinson

Date Oct 9, 1955

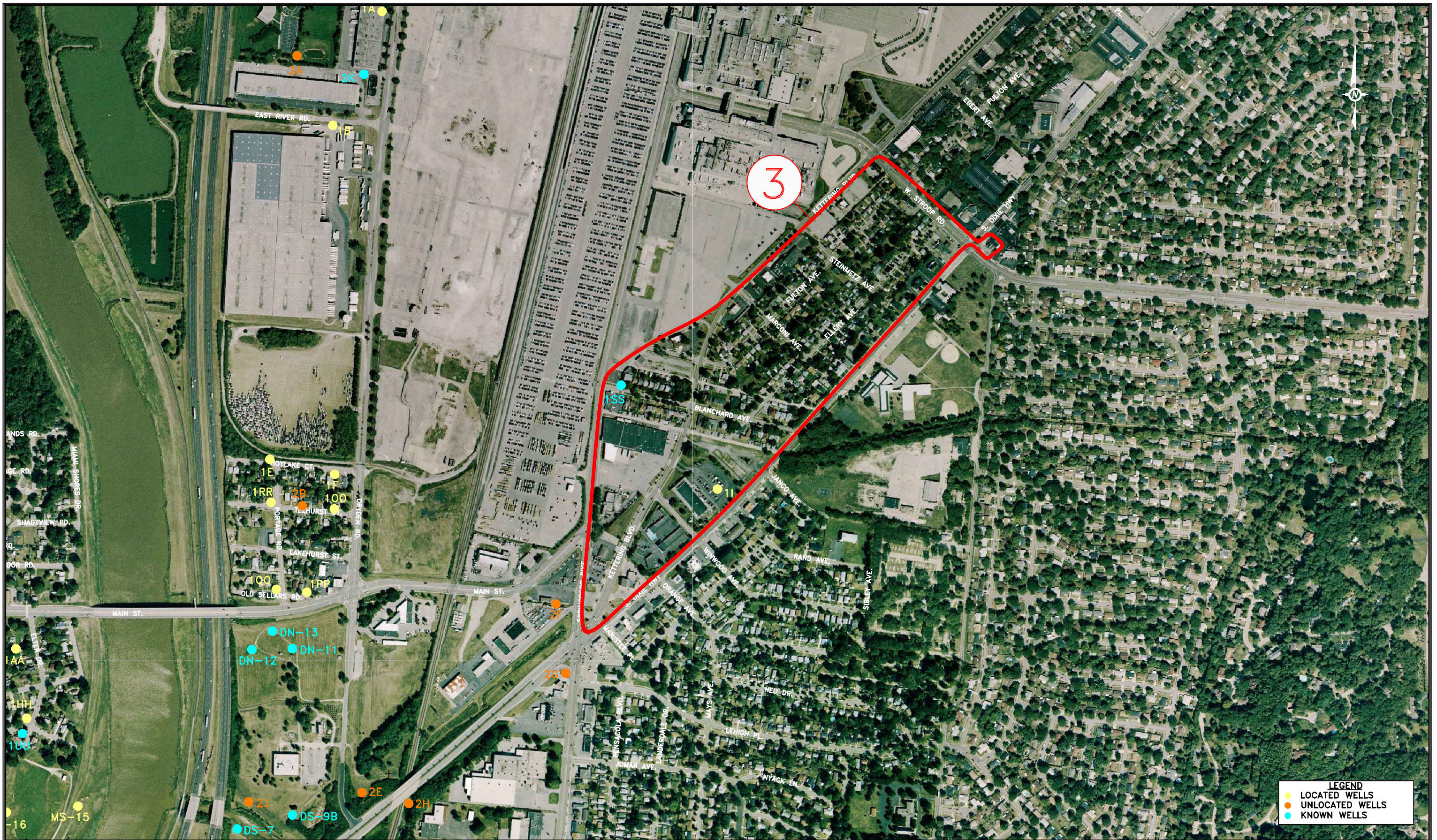
Address 417 Pawnee and

Signed George W. Robinson

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Appendix I-3

Area 3 Off-Site Well Survey Results



WELL SURVEY AREA 3
 RACER TRUST
 MORaine, OHIO



DRAWN R. SMITH	DATE 2/20/2008	PROJECT MANAGER N. GILLOTTI	DRAWING NAME OH294\01\WS\OH29412-22
		LEAD DESIGN PROF. J. REID	CHECKED P. DAVIS
		PROJECT NUMBER OH000294.2012	FIGURE NUMBER 4

W. STROOP RD

NK

AREA 3
PARCEL
MAP

KETTERING

FULTON

DIXIE HWY

DIXIE HWY

42B	14C
41C	13B
40C	12B
39C	11B
38C	10A
37B	9A
36B	8A
35C	7A
34B	6A
33B	5A
32A	4B
31A	3A
30A	2B
29A	1B
28A	

27	43
26	44
25	45
24	46
23	47
22	48
21	49
20	50
19	1
18	21
17	35
16	
15	

64B	22D
63B	
62A	
61A	109
60A	84A
59C	78A
80A	77A
12A	76A
11A	75A
37A	74A
36A	

STEINMETZ

55B	57B
54C	56B
53C	10B
52C	9B
51B	8B
32B	7B
31B	6B
30B	5B
29B	4C
28B	3B
27B	2C
26B	1C
25C	

24A	38
23A	39
22A	40
21A	41
20A	42
19A	43A
18A	44A
17A	45A
16A	46A
15A	47A
14	48A
13	

59B	60
58C	61
57A	82
56A	63A 62
55A	64A
54B	65A
53B	73 66A
52B	67A
51A	68B
50B	69A
49C	70A

MARCONI

27C	13C
28C	12C
29C	11C
30C	10C
31C	9C
32C	8C
26C	7C
	6C
	5C

14A	43	48B
15B	46	47B
16B	45	46B
17B	44	45B
18B	43	44B
19B	42	43B
20B	41	42A
21B	40	41A
22B	39	
23B		

49B	58B
50A	57
51	56
52A	55
53	
54A	

FULTON

KETTERING

BLANCHARD

BLANCHARD

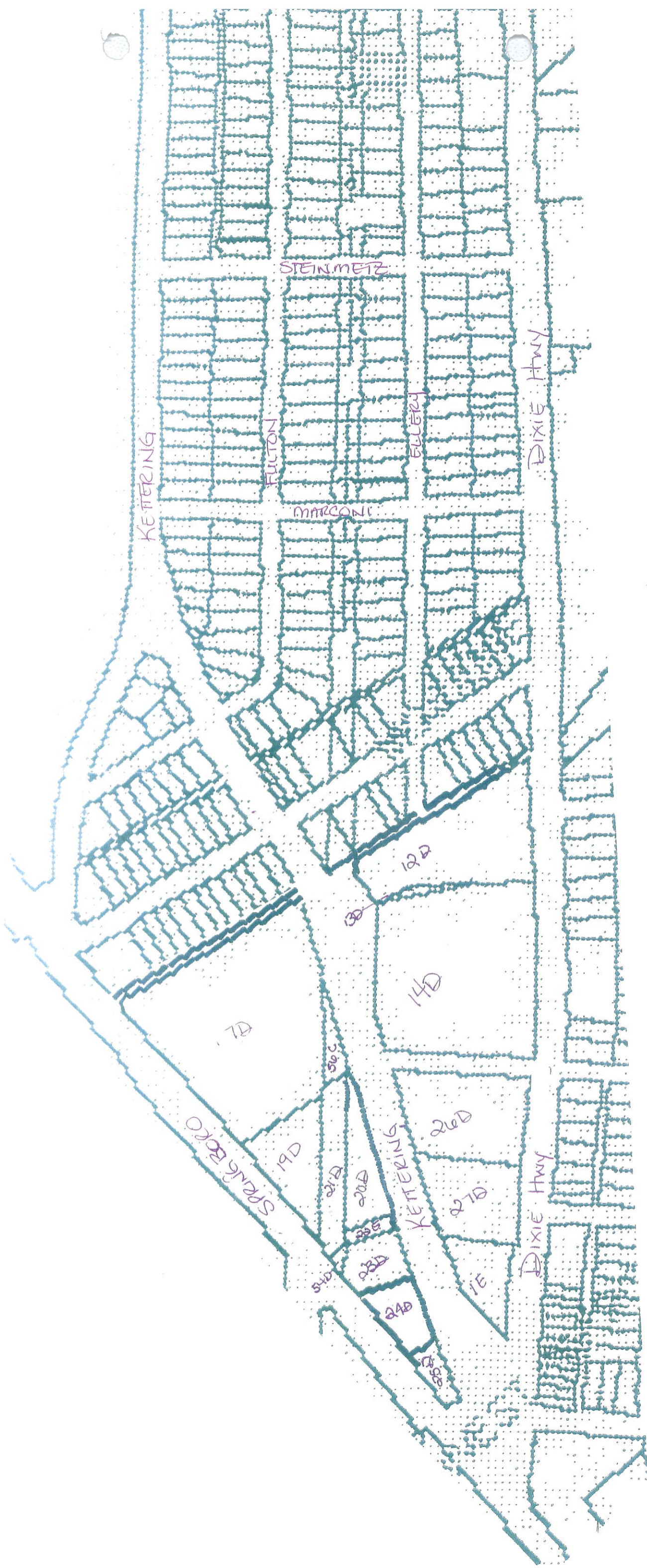
SPRINGBROOK

33	34
35A	36
37	38B
39A	40A
41C	42C
43C	44C
45C	46C
47C	48C
49A	50A

11	12
13A	14
15	16
17	18
19	20
21	22
23	24
25	26
27	28
29	30
31	32

26A	27A
28	29
30	31
32	33
34	35
36	37
38	39
40	41
42	43
44	45
46	47
48	49
50	51
52	53
54	55

NR
AREA 3
PARCEL
MAP



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Table 5. Results of Off-Site Well Survey, Area 3, RACER Trust, Moraine, Ohio.

Parcel ID Number	Figure ID No.	Addresses	Acres	Water Service Provided?	Comments
J44 04103 0022	22 D	4001 Stroop Rd. W.	0.4436	N	Marathon service station / Charlie's Marathon (937-293-3561). No visible water reader. Properties J44 20906 0064, J44 20906 0063, and J44 20906 0062 (MCD Water Service at 0062) appear to be part of the service station property.
J44 04103 0109	109	4009 Dixie Dr. S.	0.5042	Y	
J44 104112 0007	7 D	4650 Springboro Pike	4.181	Y	Dayton Daily News (4660 Springboro Pike), Kastle Electric (4501 Kettering), Kettering Medical Center (4650 Springboro Pike).
J44 104112 0012	12 D	Dixie Dr. S.	2.199	No data	Unknown. No structures. Empty paved lot.
J44 104112 0013	13 D	No Data	NA	No data	Unknown. No structures. Easement.
J44 104112 0014	14 D	4595 S. Dixie Dr.	NA	Y	WDTN Channel 2 TV. Pump for well observed north side of building, next to satellite dishes. Looks operable. Use is unknown.
J44 104112 0019	19 D	4700 Springboro Pike	0.835	Y	Dialysis Centers - Water meter visible.
J44 104112 0020	20 D	4711 Dixie Dr. S.	0.522	N	No Structure. Empty Lot. Adjoining property shows same owner with water service.
J44 104112 0021	21 D	Springboro Pike	NA	N	Electric Easement (overhead).
J44 104112 0022	22 E	Springboro Pike	0.1104	N	Electric Easement
J44 104112 0023	23 D	4725 Springboro Pike	0.3627	Y	Building North of Waffle House. Includes both Insti Prints and Randd Associates. On 3/14/08, Pam Barnett spoke with occupant who confirmed that the property does have county water service.
J44 104112 0024	24 D	4912 Springboro Pike	0.4852	Y	Waffle House & Associated Parking Lot.
J44 104112 0025	25 D	Springboro Pike	0.3453	N	Vacant lot South of Waffle House Parking Lot.
J44 104112 0026	26 D	4625 Dixie Drive South	1.52	Y	Red Horse Motel.
J44 104112 0027	27 D	4625 Dixie Drive South	1.176	Y	
J44 104112 0054	54 D	Springboro Pike	0	N	Waffle House Parking Lot.
J44 104112 0056	56 C	Springboro Pike	0.23	N	Electric Easement
J44 120909 0001	1 A	2405 Blanchard Ave.	0.182	Y	
J44 120909 0002	2 A	2405 Blanchard Ave.	0.1104	Y	
J44 120909 0003	3	2409 Blanchard Ave.	0.1104	Y	
J44 120909 0004	4 A	2413 Blanchard Ave.	0.1104	Y	
J44 120909 0005	5	2417 Blanchard Ave.	0.1104	Y	
J44 120909 0006	6	2421 Blanchard Ave.	0.1104	Y	
J44 120909 0007	7	Blanchard Ave.	0.1522	Y	
J44 120909 0008	8	2501 Blanchard Ave.	0.182	Y	
J44 120909 0009	9	2505 Blanchard Ave.	0.1045	Y	
J44 120909 0010	10	2511 Blanchard Ave.	0	Y	

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Table 5. Results of Off-Site Well Survey, Area 3, RACER Trust, Moraine, Ohio.

Parcel ID Number	Figure ID No.	Addresses	Acres	Water Service Provided?	Comments
J44 120909 0012	12	2527 Blanchard Ave.	0.1074	Y	
J44 120909 0013	13 A	2531 Blanchard Ave.	0.1074	Y	
J44 120909 0014	14 B	Blanchard Ave.	0.0627	N	Easement West of 2531 Blanchard.
J44 120909 0015	15 C	2603 Blanchard Ave.	0.1403	Y	
J44 120909 0016	16 C	Blanchard Ave.	0.1104	Y	
J44 120909 0017	17 C	2611 Blanchard Ave.	0.1104	Y	
J44 120909 0018	18 C	2615 Blanchard Ave.	0.1104	Y	
J44 120909 0019	19 C	2619 Blanchard Ave.	0.1104	Y	
J44 120909 0020	20 C	2623 Blanchard Ave.	0.1104	Y	
J44 120909 0021	21 C	2627 Blanchard Ave.	0.1104	Y	
J44 120909 0022	22 C	2631 Blanchard Ave.	0.1104	Y	
J44 120909 0023	23 C	2635 Blanchard Ave.	0.1104	Y	
J44 120909 0024	24 C	2639 Blanchard Ave.	0.1104	Y	
J44 120909 0025	25 B	2651 Blanchard Ave.	0.2044	Y/N	Connection is provided but account has not been active since 1996.
J44 120909 0026	26 A	Blanchard Ave.	0.1731	N	Empty Lot East of 2412 Blanchard.
J44 120909 0027	27 A	2412 Blanchard Ave.	0.1104	Y	
J44 120909 0028	28	2416 Blanchard Ave.	0.1104	Y	
J44 120909 0029	29	2420 Blanchard Ave.	0.1104	Y	
J44 120909 0030	30	2424 Blanchard Ave.	0.1104	Y	
J44 120909 0031	31	2428 Blanchard Ave.	0.1104	Y	
J44 120909 0032	32	2432 Blanchard Ave.	0.188	Y	
J44 120909 0033	33 A	Blanchard Ave.	0.1641	Y	Empty Lot.
J44 120909 0035	35 B	2518 Blanchard Ave.	0	Y	
J44 120909 0038	38 A	Blanchard Ave.	0	N	Behind 2511 Blanchard - Utility Easement.
J44 120909 0039	39 B	2600 Blanchard Ave.	0.1104	Y	
J44 120909 0040	40 B	2604 Blanchard Ave.	0.1104	Y	
J44 120909 0041	41 B	2608 Blanchard Ave.	0.1104	Y	
J44 120909 0042	42 C	2612 Blanchard Ave.	0.1104	Y	
J44 120909 0043	43 C	2616 Blanchard Ave.	0.1104	Y	
J44 120909 0044	44 C	2620 Blanchard Ave.	0.1104	Y	
J44 120909 0045	45 C	2624 Blanchard Ave.	0.1104	Y	
J44 120909 0046	46 C	2628 Blanchard Ave.	0.1104	Y	
J44 120909 0047	47 C	2628 Blanchard Ave.	0.1104	Y	
J44 120909 0048	48 C	2636 Blanchard Ave.	0.1104	Y	

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Table 5. Results of Off-Site Well Survey, Area 3, RACER Trust, Moraine, Ohio.

Parcel ID Number	Figure ID No.	Addresses	Acres	Water Service Provided?	Comments
J44 120909 0049	49 A	2640 Blanchard Ave.	0.1104	Y	
J44 120909 0052	52	Blanchard Ave.	0.105	Y	
J44 120909 0053	53	4400 Kettering Blvd.	0.0776	Y	
J44 120909 0054	54	Blanchard Ave.	0.105	Y	
J44 120909 0058	58 A	Blanchard Ave.	0.185	N	Apartments @ 2518 Blanchard. Water service provided to 4400 Kettering Blvd.
J44 120909 0059	59 A	4600 Springboro Pike	0.372	Y	Preferred Physicians Health Care. Facility is for sale. Building is new and well maintained. Water department records jump from 4100 Springboro to 4650 Springboro. On 3/14/08, Pam Barnett spoke with Occupant at 4600 Springboro and he confirmed that the property does have county water service.
J44 120910 0001	1 D	Fulton Ave.	0.2654	N	Treasure Island Parking Lot.
J44 120910 0002	2 D	Fulton Ave.	0.1094	N	
J44 120910 0003	3 C	Fulton Ave.	0.0817	N	
J44 120910 0005	5 C	Fulton Ave.	0	N	Part of 4229 Fulton Ave.
J44 120910 0006	6 C	4229 Fulton Ave.	0	Y	
J44 120910 0007	7 C	4225 Fulton Ave.	0	Y	
J44 120910 0008	8 C	4221 Fulton Ave.	0.141	Y	
J44 120910 0009	9 C	4217 Fulton Ave.	0.1291	Y	
J44 120910 0010	10 C	4213 Fulton Ave.	0.1291	Y	
J44 120910 0011	11 C	4209 Fulton Ave.	0.1291	Y	
J44 120910 0012	12 C	4205 Fulton Ave.	0.1085	Y	
J44 120910 0013	13 C	4201 Fulton Ave.	0.1085	Y	
J44 120910 0014	14 A	4200 Fulton Ave.	0.1601	Y	
J44 120910 0015	15 B	4204 Fulton Ave.	0.1291	Y	
J44 120910 0016	16 B	4208 Fulton Ave.	0.1291	Y	
J44 120910 0017	17 B	4212 Fulton Ave.	0.1291	Y	
J44 120910 0018	18 B	4216 Fulton Ave.	0.1291	Y	
J44 120910 0019	19 B	4220 Fulton Ave.	0.1291	Y	
J44 120910 0020	20 B	4224 Fulton Ave.	0.1302	Y	
J44 120910 0021	21 B	4228 Fulton Ave.	0.1636	Y	
J44 120910 0022	22 B	4232 Fulton Ave.	0.1718	Y	
J44 120910 0023	23 B	4236 Fulton Ave.	0.1476	Y	
J44 120910 0024	24 B	4240 Fulton Ave.	0.1151	Y	
J44 120910 0024	25 A	4244 Fulton Street	NA	Y	
J44 120910 0004	4	No Data	NA	N	Easement West of 4244 Fulton.

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Table 5. Results of Off-Site Well Survey, Area 3, RACER Trust, Moraine, Ohio.

Parcel ID Number	Figure ID No.	Addresses	Acres	Water Service Provided?	Comments
J44 120910 0026	26 C	Dixie Dr.	0.0184	N	Restaurant - "4200 Place". Multiple parcels indicate water service to address.
J44 120910 0027	27 C	Kettering Blvd.	0.1389	Y	
J44 120910 0028	28 C	4200 Kettering Blvd.	0.0973	Y	
J44 120910 0029	29 C	Kettering Blvd.	0.0978	Y	
J44 120910 0030	30 C	Kettering Blvd.	0.0831	Y	
J44 120910 0031	31 C	Kettering Blvd.	0.0691	Y	
J44 120910 0032	32 C	Kettering Blvd.	0.0527	Y	
J44 120910 0033	33	Fulton Ave.	0.1251	Y/N	Connection is provided but account has not been active since 1996.
J44 120910 0034	34	Fulton Ave.	0.1001	Y/N	
J44 120910 0035	35 A	Fulton Ave.	0.1001	Y/N	
J44 120910 0036	36	Fulton Ave.	0.1001	Y/N	
J44 120910 0037	37	Fulton Ave.	0.1001	Y/N	
J44 120910 0038	38 B	Fulton Ave.	0.1001	Y/N	
J44 120910 0039	39 A	Fulton Ave.	0.1001	Y/N	
J44 120910 0040	40 A	4300 Fulton Ave.	0.188	Y	
J44 120910 0041	41 A	4229 Ellery Ave.	0.1581	Y	
J44 120910 0042	42 A	4225 Ellery Ave.	0.1271	Y	
J44 120910 0043	43 B	4221 Ellery Ave.	0.1395	Y	
J44 120910 0044	44 B	4217 Ellery Ave.	0.1229	Y	
J44 120910 0045	45 B	4213 Ellery Ave.	0.1354	Y	
J44 120910 0046	46 B	4209 Ellery Ave.	0.1343	Y	
J44 120910 0047	47 B	4205 Ellery Ave.	0.1331	Y	
J44 120910 0048	48 B	4201 Ellery Ave.	0.132	Y	
J44 120910 0049	49 B	4200 Ellery Ave.	0.1263	Y	
J44 120910 0050	50 A	4204 Ellery Ave.	0.1198	Y	
J44 120910 0051	51	4208 Ellery Ave.	0.1219	Y	
J44 120910 0052	52 A	4212 Ellery Ave.	0.1219	Y	
J44 120910 0053	53 A	4216 Ellery Ave.	0.1229	Y	
J44 120910 0054	54 A	4220 Ellery Ave.	0.2322	Y	
J44 120910 0055	55	4211 Dixie Dr. S.	0.344	Y	
J44 120910 0056	56	4209 Dixie Dr. S.	0	Y	
J44 120910 0057	57	4207 Dixie Dr. S.	0.1343	Y	
J44 120910 0058	58 B	2400 Marconi Ave.	0.1331	Y	
J44 120910 0059	59	Ellery Ave.	0	N	Easement

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Table 5. Results of Off-Site Well Survey, Area 3, RACER Trust, Moraine, Ohio.

Parcel ID Number	Figure ID No.	Addresses	Acres	Water Service Provided?	Comments
J44 120910 0060	60 B	4250 Kettering Blvd.	0.1186	Y	Possible pump or condensor line at NE side of "Treasure Island" Restaurant.
J44 120910 0061	61 B	4250 Kettering Blvd.	0.1559	Y	
J44 120910 0063	63	No Data	NA	N	Easement
J44 120910 0064	64	Fulton Ave.	0.064	Y	
J44 120910 0065	65	Fulton Ave.	0	N	Easement
J44 120910 0066	66	Fulton Ave.	0.065	Y	
J44 120910 0067	67	4209 Ellery Ave.	0	Y	
J44 120910 0068	68 A	Fulton Ave.	0	Y	
J44 120910 0069	69	Fulton Ave.	0	Y	
J44 120910 0070	70	4217 Ellery Ave.	0	Y	
J44 120910 0071	71 B	4201 Ellery Ave.		Y	
J44 120911 0001	1 C	4149 Marconi Ave.	0.1435	Y	One structure on property with no visible water meter. Garage located on west side of property. House is for sale. MCD claims no address higher than 2000 series exists on Marconi Ave. Address confirmed with drive by. On 3/17/08, Pam Barnett spoke with occupant at 4149 Marconi and he confirmed that the property does have county water service.
J44 120911 0002	2 C	4141 Fulton Ave.	0.1148	Y	
J44 120911 0003	3 B	4043 Fulton Ave.	0.1148	Y	
J44 120911 0004	4 C	4039 Fulton Ave.	0.1148	Y	
J44 120911 0005	5 B	4135 Fulton Ave.	0.1148	Y	
J44 120911 0006	6 B	4131 Fulton Ave.	0.1148	Y	
J44 120911 0007	7 B	4121 Fulton Ave.	0.1377	Y	
J44 120911 0008	8 B	4117 Fulton Ave.	0.1377	Y	
J44 120911 0009	9 B	4113 Fulton Ave.	0.1377	Y	
J44 120911 0010	10 B	4109 Fulton Ave.	0.1377	Y	
J44 120911 0011	11 A	4048 Ellery Ave.	0.1277	Y	
J44 120911 0012	12 A	4042 Ellery Ave.	0.125	Y	
J44 120911 0014	14	4140 Fulton Ave.	0.1672	Y	
J44 120911 0015	15 A	4136 Fulton Ave.	0.1349	Y	
J44 120911 0016	16 A	4132 Fulton Ave.	0.1349	Y	
J44 120911 0017	17 A	4128 Fulton Ave.	0.1349	Y	
J44 120911 0018	18 A	4124 Fulton Ave.	0.1349	Y	
J44 120911 0019	19 A	4120 Fulton Ave.	0.1349	Y	
J44 120911 0020	20 A	4116 Fulton Ave.	0.1423	Y	
J44 120911 0021	21 A	4112 Fulton Ave.	0.1148	Y	
J44 120911 0022	22 A	4108 Fulton Ave.	0.1148	Y	

ARCADIS

Table 5. Results of Off-Site Well Survey, Area 3, RACER Trust, Moraine, Ohio.

Parcel ID Number	Figure ID No.	Addresses	Acres	Water Service Provided?	Comments
J44 120911 0023	23 A	Fulton Ave.	0.1148	Y	
J44 120911 0024	24 A	4100 Fulton Ave.	0.1733	Y	
J44 120911 0025	25 C	4194 Kettering Blvd.	0.1435	Y	One structure on lot. Water service confirmed to 4194 Kettering. Other parcels are adjacent.
J44 120911 0026	26 B	Kettering Blvd.	0.1148	N	
J44 120911 0027	27 B	Kettering Blvd.	0.1148	N	
J44 120911 0028	28 B	4182 Kettering Blvd.	0.1148	Y	KSG Kistlers, Fast Forward Recording Studio.
J44 120911 0029	29 B	Kettering Blvd.	0.1148	Y	
J44 120911 0030	30 B	Kettering Blvd.	0.1148	N	Part of 4100 Kettering. One Structure. Center parcel J44 20906 0051 has water service.
J44 120911 0031	31 B	Kettering Blvd.	0.1148	N	
J44 120911 0032	32 B	Kettering Blvd.	0.1148	N	
J44 120911 0036	36 A	4060 Ellery Ave.	0.1217	Y	
J44 120911 0037	37 A	4054 Ellery Ave.	0.1194	Y	
J44 120911 0038	38	4101 Ellery Ave.	0.1492	Y	
J44 120911 0039	39	4105 Ellery Ave.	0.1527	Y	
J44 120911 0040	40	4109 Ellery Ave.	0.1492	Y	
J44 120911 0041	41	4113 Ellery Ave.	0.1205	Y	
J44 120911 0042	42	4119 Ellery Ave.	0.1297	Y	
J44 120911 0043	43 A	4123 Ellery Ave.	0.1297	Y	
J44 120911 0044	44 A	4129 Ellery Ave.	0.1641	Y	
J44 120911 0045	45 A	4133 Ellery Ave.	0.1297	Y	
J44 120911 0046	46 A	4137 Ellery Ave.	0.1477	Y	
J44 120911 0047	47 A	4141 Ellery Ave.	0.1641	Y	
J44 120911 0048	48 A	4145 Ellery Ave.	0.1167	Y	
J44 120911 0049	49 C	4148 Ellery Ave.	0.132	Y	
J44 120911 0050	50 B	4144 Ellery Ave.	0.1188	Y	
J44 120911 0051	51 A	4140 Ellery Ave.	0.1188	Y	
J44 120911 0052	52 B	4136 Ellery Ave.	0.132	Y	
J44 120911 0053	53 B	4132 Ellery Ave.	0.132	Y	
J44 120911 0054	54 B	4128 Ellery Ave.	0.1274	Y	
J44 120911 0055	55 A	4120 Ellery Ave.	0.124	Y	
J44 120911 0056	56 A	4116 Ellery Ave.	0.124	Y	
J44 120911 0057	57 A	4110 Ellery Ave.	0.124	Y	
J44 120911 0058	58 C	4106 Ellery Ave.	0.124	Y	
J44 120911 0059	59 B	4102 Ellery Ave.	0.124	Y	
J44 120911 0060	60	4101 Dixie Dr. S.	0.124	Y	
J44 120911 0061	61	Dixie Dr.	0.1297	Y	

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Table 5. Results of Off-Site Well Survey, Area 3, RACER Trust, Moraine, Ohio.

Parcel ID Number	Figure ID No.	Addresses	Acres	Water Service Provided?	Comments
J44 120911 0062	62	4111 Dayton Cincinnati	0.132	Y	One structure on property with no visible water reader. Montgomery County does not have record that property exists. Address confirmed by drive by. On 3/17/08, Pam Barnett spoke with occupant at 4111 South Dixie (4111 Dayton Cincinnati) and he confirmed that the property does have county water service.
J44 120911 0063	63 A	4111 Dayton Cincinnati Pike	0.132	Y	
J44 120911 0064	64 A	4121 Dayton Cincinnati	0	Y	
J44 120911 0065	65 A	4133 Dixie Dr. S.	0.1989	Y	Office Building with no visible water reader. On 3/17/08, Pam Barnett spoke with occupant at 4133 South Dixie and she confirmed that the property does have county water service.
J44 120911 0066	66 A	Dayton Cincinnati Pike	0.0663	N	Parking Lot South of Office Building @ 4133 S. Dixie Drive.
J44 120911 0067	67 A	Dayton Cincinnati Pike	0.1326	N	
J44 120911 0068	68 B	4139 Dixie Dr. S.	0	Y	
J44 120911 0069	69 A	4143 Cinci - Dayton Pk	0.1188	Y	
J44 120911 0070	70 A	4147 Dixie Dr. S.	0	Y	
J44 120911 0071	71 A	Ellery Ave.	0	N	Easement
J44 120911 0073	73	No Data	NA	N	Parking Lot South of Office Building @ 4133 S. Dixie Drive.
J44 120911 0074	74 A	4057 Dixie Dr. S.	0.1488	Y	
J44 120911 0075	75 A	4055 Dixie Dr. S.	0.1263	Y	
J44 120911 0076	76 A	4047 Dixie Dr. S.	0.1274	Y	
J44 120911 0077	77 A	4031 Dixie Dr. S.	0.3765	Y	
J44 120911 0080	80 A	4036 Ellery Ave.	0.1578	Y	
J44 120911 0082	82	4107 Dixie Dr. S.	0.1267	Y	
J44 120911 0087	87 A	Marconi Ave.	0		Easement
J44 120911 0088	88	Fulton Ave.	0	Y	
J44 120911 0089	89	No Data	0.034	N	Easement
J44 120911 0091	91	No Data	0.034	N	Easement
J44 120911 0092	92	No Data	0.032	N	Easement
J44 120911 0093	93	No Data	0.028	N	Easement
J44 120911 0094	94	No Data	0.034	N	Easement
J44 120911 0095	95	No Data	0.034	N	Easement
J44 120911 0096	96	4119 Ellery Ave.	0	Y	
J44 120911 0097	97	No Data	0.03	N	Easement
J44 120911 0098	98	No Data	0.034	N	Easement
J44 120911 0099	99	Marconi Ave.	0	N	Easement
J44 120911 0100	100	Ellery Ave.	0.034	N	Easement
J44 126408 0001	1 E	Dixie Dr.	0.561	N	Easement South of City Building.
J44 20906 0001	1	4051 Ellery Ave.	0.2939	Y	
J44 20906 0001	1 B	4053 Fulton Ave.	0.1065	Y	
J44 20906 0002	2	4051 Ellery Ave.	0.0532	Y	
J44 20906 0002	2 B	4049 Fulton Ave.	0.1198	Y	

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Table 5. Results of Off-Site Well Survey, Area 3, RACER Trust, Moraine, Ohio.

Parcel ID Number	Figure ID No.	Addresses	Acres	Water Service Provided?	Comments
J44 20906 0003	3 A	4045 Fulton Ave.	0.1065	Y	
J44 20906 0004	4 B	4041 Fulton Ave.	0.1198	Y	
J44 20906 0005	5 A	4037 Fulton Ave.	0.1065	Y	
J44 20906 0006	6 A	4033 Fulton Ave.	0.1065	Y	
J44 20906 0007	7 A	4029 Fulton Ave.	0.1225	Y	
J44 20906 0008	8 A	4025 Fulton Ave.	0.1225	Y	
J44 20906 0009	9 A	4021 Fulton Ave.	0.1225	Y	
J44 20906 0010	10 A	4017 Fulton Ave.	0.1225	Y	
J44 20906 0011	11	2519 Blanchard Ave.	0	Y	
J44 20906 0011	11 B	4013 Fulton Ave.	0.1225	Y	
J44 20906 0012	12 B	4009 Fulton Ave.	0.1225	Y	
J44 20906 0013	13	4144 Fulton Ave.	0.1349	Y	
J44 20906 0013	13 B	4005 Fulton Ave.	0.1225	Y	
J44 20906 0014	14 C	4001 Fulton Ave.	0.1225	Y	
J44 20906 0015	15	4048 Fulton Ave.	0.1377	Y	
J44 20906 0016	16	4044 Fulton Ave.	0.1377	Y	
J44 20906 0017	17	4040 Fulton Ave.	0.1377	Y	
J44 20906 0018	18	4036 Fulton Ave.	0.1377	Y	
J44 20906 0019	19	4032 Fulton Ave.	0.1377	Y	
J44 20906 0020	20	4028 Fulton Ave.	0.1377	Y	
J44 20906 0021	21	4024 Fulton Ave.	0.1377	Y	
J44 20906 0022	22	4020 Fulton Ave.	0.1377	Y	
J44 20906 0023	23	4016 Fulton Ave.	0.1708	Y	
J44 20906 0024	24	4012 Fulton Ave.	0.1377	Y	
J44 20906 0025	25	4008 Fulton Ave.	0.1377	Y	
J44 20906 0026	26	2400 Stroop Road W	0.1377	N	Service shown for hospital at J44 20906 0027.
J44 20906 0027	27	2400 Stroop Road W	0.2106	Y	
J44 20906 0028	28 A	Kettering Blvd.	0.1148	Y	
J44 20906 0029	29 A	Kettering Blvd.	0.1065	Y	
J44 20906 0030	30 A	4060 Kettering Blvd.	0.1065	Y	
J44 20906 0031	31 A	Kettering Blvd.	0.1065	Y	
J44 20906 0032	32 A	Kettering Blvd.	0.1065	Y	

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Table 5. Results of Off-Site Well Survey, Area 3, RACER Trust, Moraine, Ohio.

Parcel ID Number	Figure ID No.	Addresses	Acres	Water Service Provided?	Comments
J44 20906 0033	33 B	Kettering Blvd.	0.1065	Y	
J44 20906 0034	34 B	Kettering Blvd.	0.1065	Y	
J44 20906 0035	35	4057 Ellery Ave.	0.151	Y	
J44 20906 0035	35 C	Kettering Blvd.	0.1065	Y	
J44 20906 0036	36 B	Kettering Blvd.	0.1065	Y	
J44 20906 0037	37 B	4018 Kettering Ave.	0.3196	Y	
J44 20906 0038	38 C	No Data	NA	N	Vacant Land between 4002 & 4018 Kettering.
J44 20906 0039	39 C	No Data	NA	N	Vacant Land between 4002 & 4018 Kettering.
J44 20906 0040	40 C	Kettering Blvd.	0.1065	Y	
J44 20906 0041	41 C	4002 Kettering Blvd.	0.1065	Y	
J44 20906 0042	42 D	4002 Kettering Blvd.	0.1331	Y	
J44 20906 0043	43	4001 Ellery Ave.	0.1157	Y	
J44 20906 0044	44	4005 Ellery Ave.	0.1584	Y	
J44 20906 0045	45	4011 Ellery Ave.	0.1258	Y	
J44 20906 0046	46	4019 Ellery Ave.	0.1165	Y	
J44 20906 0047	47	4023 Ellery Ave.	0.126	Y	
J44 20906 0048	48	4033 Ellery Ave.	0.1149	Y	
J44 20906 0049	49	4037 Ellery Ave.	0.1162	Y	
J44 20906 0050	50	4043 Ellery Ave.	0.1165	Y	
J44 20906 0051	51 B	4100 Kettering Blvd.	0.1148	Y	Part of 4100 Kettering. One Structure. Center parcel J44 20906 0051 has water service. Other parcels are remainder of building and parking lot.
J44 20906 0052	52 C	Kettering Blvd.	0.1148	N	
J44 20906 0053	53 C	Kettering Blvd.	0.1148	N	
J44 20906 0054	54 C	Kettering Blvd.	0.1148	N	
J44 20906 0055	55 B	Kettering Blvd.	0.1435	N	
J44 20906 0056	56 B	4105 Fulton Ave.	0.1377	Y	
J44 20906 0057	57 B	4101 Steinmetz	0.1377	Y	Surrounding properties either show no service or are not owned by same property owner. One structure on property with visible water reader. Montgomery County does not have record that property exists. Address confirmed by drive by. On 3/14/08, Pam Barnett spoke with occupant at 4101 Steinmetz and she confirmed that the property does have county water service.
J44 20906 0058	58	No Data	NA	N	Easement
J44 20906 0059	59 C	4030 Ellery Ave.	0.1199	Y	
J44 20906 0060	60 A	4024 Ellery Ave.	0.1281	Y	
J44 20906 0061	61 A	4018 Ellery Ave.	0.1253	Y	
J44 20906 0062	62 A	Ellery Ave.	0.124	Y	Appears to be part of property J44 04103 0022, Charlie's Marathon. Service indicated to J44 20906 0062.
J44 20906 0063	63 B	Ellery Ave.	0.1226	N	
J44 20906 0064	64 B	Ellery Ave.	0.1198	N	

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Table 5. Results of Off-Site Well Survey, Area 3, RACER Trust, Moraine, Ohio.

Parcel ID Number	Figure ID No.	Addresses	Acres	Water Service Provided?	Comments
J44 20906 0068	68	Ellery Ave.	0	N	Easement
J44 20906 0071	71	No Data	NA	N	Easement
J44 20906 0072	72	Fulton Ave.	0.0331	Y	
J44 20906 0074	74	No Data	NA	N	Easement
J44 20906 0075	75	No Data	NA	N	Easement
J44 20906 0076	76	Fulton Ave.	0	N	Easement
J44 20906 0077	77	4032 Fulton Ave.	0	Y	
J44 20906 0078	78	4028 Fulton Ave.	0	Y	
No Data	78A	No Data	NA	N	Part of 4031 S. Dixie Drive. One Structure.
J44 20906 0079	79	4008 Fulton Ave.	0	Y	
J44 20906 0080	80	4012 Fulton Ave.	0	Y	
J44 20906 0081	81	No Data	NA	N	Easement
J44 20906 0083	83	4011 Ellery Ave.	0	Y	
J44 20906 0084	84	4019 Ellery Ave.	0	Y	
J44 20906 0084	84 A	No Data	NA	N	Part of 4031 S. Dixie Drive. One Structure.
J44 20906 0085	85	4037 Ellery Ave.	0	Y	
J44 20906 0086	86	Fulton Ave.	0	Y	
J44 20906 0087	87	Ellery Ave.	0	Y	

* Refer to Table 6 for ODNR

- Montgomery County has no in

Parcel IDs, addresses, owners, and acreage found on Montgomery County Auditors web site (www.mcauditor.org).

Water service determination made by calling either Montgomery County Water District or West Carrollton Water District

Comments made by ARCADIS staff after review of all available information and property drive by

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Table 6. Area 3 Located and Unlocated Well Logs, RACER Trust, Moraine, Ohio.

Figure ID No.	ODNR Well Log No.	Well Log No.	Year Drilled	Total Depth (ft)	Address	Water Service Provided?	Survey Results
Area 3 Located Wells							
1I	351614	75	1961	153	4595 Dixie Drive South	Y	Well found at WDTN TV Station.
Area 3 Known Wells							
1SS	NA	NA	NA	NA	2651 Blanchard Ave.	N	Well found

WELL LOG AND DRILLING REPORT

ORIGINAL

PLEASE USE PENCIL
OR TYPEWRITER

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

No 351614

County Montgomery Township Van Buren Section of Township 10
 Owner Tast Broadcasting WLVN-D Address Dayton, Ohio
 Location of property 4595 So. Dixie Highway

CONSTRUCTION DETAILS	BAILING OR PUMPING TEST
Casing diameter <u>10"</u> Length of casing _____	Pumping Rate <u>230 G.P.M.</u> Duration of test <u>8</u> hrs.
Type of screen <u>Johnson</u> length of screen <u>10'</u>	Drawdown <u>11'6"</u> ft. Date <u>May 1967</u>
Type of pump <u>Div. Turbine</u>	Static level-depth to water <u>60</u> ft.
Capacity of pump <u>200 G.P.M.</u>	Quality (clear, cloudy, taste, odor) _____
Depth of pump setting <u>100'</u>	<u>Clear.</u>
Date of completion _____	Pump installed by _____

WELL LOG*	SKETCH SHOWING LOCATION																															
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;">Formations Sandstone, shale, limestone, gravel and clay</th> <th style="width: 20%;">From</th> <th style="width: 20%;">To</th> <th style="width: 30%;"></th> </tr> </thead> <tbody> <tr> <td><u>Clay & gravel</u></td> <td><u>0 Feet</u></td> <td><u>24 Ft.</u></td> <td rowspan="6" style="text-align: center; vertical-align: middle;"> <div style="display: flex; justify-content: space-between;"> N. E. </div> <div style="text-align: center; margin-top: 20px;"> </div> </td> </tr> <tr> <td><u>" " Clay</u></td> <td><u>24</u></td> <td><u>53</u></td> </tr> <tr> <td><u>Sand & gravel</u></td> <td><u>53</u></td> <td><u>64</u></td> </tr> <tr> <td><u>Clay & gravel</u></td> <td><u>64</u></td> <td><u>86</u></td> </tr> <tr> <td><u>Sand & gravel</u></td> <td><u>86</u></td> <td><u>95</u></td> </tr> <tr> <td><u>Clay & gravel</u></td> <td><u>95</u></td> <td><u>101</u></td> </tr> <tr> <td><u>Sand & gravel</u></td> <td><u>101</u></td> <td><u>153</u></td> <td style="text-align: center;"> <div style="display: flex; justify-content: space-between;"> W. E. </div> </td> </tr> <tr> <td colspan="3" style="text-align: center;"><u>5020</u></td> <td style="text-align: center;"> <div style="display: flex; justify-content: space-between;"> S. See reverse side for instructions </div> </td> </tr> </tbody> </table>	Formations Sandstone, shale, limestone, gravel and clay	From	To		<u>Clay & gravel</u>	<u>0 Feet</u>	<u>24 Ft.</u>	<div style="display: flex; justify-content: space-between;"> N. E. </div> <div style="text-align: center; margin-top: 20px;"> </div>	<u>" " Clay</u>	<u>24</u>	<u>53</u>	<u>Sand & gravel</u>	<u>53</u>	<u>64</u>	<u>Clay & gravel</u>	<u>64</u>	<u>86</u>	<u>Sand & gravel</u>	<u>86</u>	<u>95</u>	<u>Clay & gravel</u>	<u>95</u>	<u>101</u>	<u>Sand & gravel</u>	<u>101</u>	<u>153</u>	<div style="display: flex; justify-content: space-between;"> W. E. </div>	<u>5020</u>			<div style="display: flex; justify-content: space-between;"> S. See reverse side for instructions </div>	
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Drilling Firm G. M. Baker & Son Date 10/16/67

Address _____ Signed G. M. Baker

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Appendix I-4

Area 4 Off-Site Well Survey Results



WELL SURVEY AREA 4
 RACER TRUST
 MORaine, OHIO



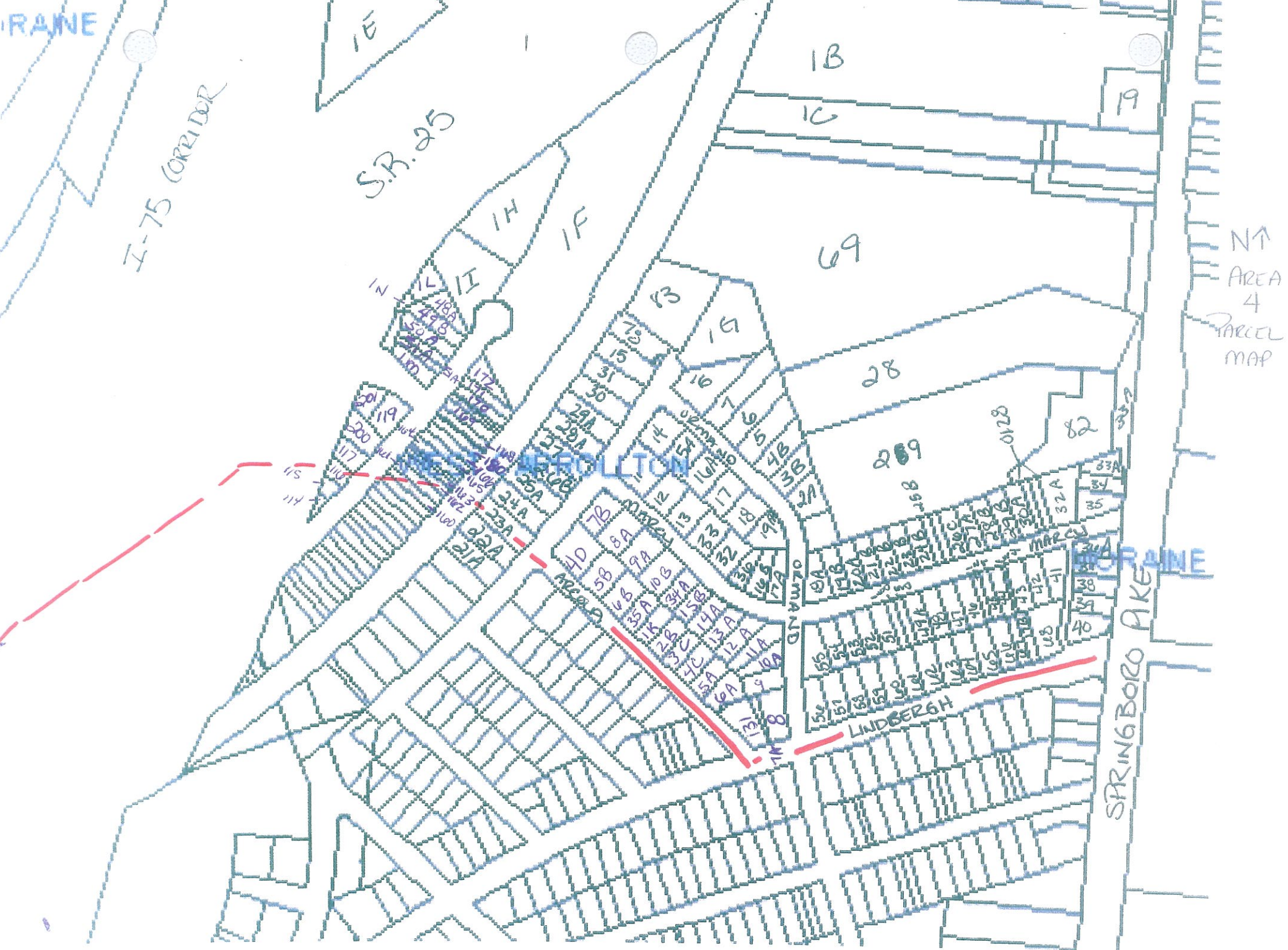
DRAWN R. SMITH	DATE 2/20/2008	PROJECT MANAGER N. GILLOTTI	DRAWING NAME OH294\01\WS\OH29407-22
		LEAD DESIGN PROF. J. REID	CHECKED P. DAVIS
PROJECT NUMBER OH000294.2012			FIGURE NUMBER 5

IRANE

I-75 CORRIDOR

S.R. 25

NT
AREA
4
PARCEL
MAP



I-75 CORRIDOR



DRYDEN RD.

AREA 4
PARCEL
MAP

26

49

MAIN ST.

MORAIN

DRYDEN RD.

4

1A

2

3

4A

DIXIE DR

SPRINGBORO PIKE

3A

20

10

23

23

22

WEST CARROLLTON

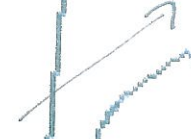
10

21

24

25

28



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Table 7. Results of Off-Site Well Survey, Area 4, RACER Trust, Moraine, Ohio.

Parcel ID Number	Figure ID No.	Addresses	Acres	Water Service Provided?	Comments
No data	1	No data	No data	No data	Occupied by Afford A Car car lot. 4905 Springboro Pike. Address visible on front door. Water connection is provided for 4905 Springboro Pike.
J441041080003	3A	4257 Dyden Road	31.29	Y	
J441041080004	4	4200 Dryden Road	8.98	Y	
J441041080010	10	Dryden Road	1.525	Y	
J441041080020	20	Dryden Road	2	Y	
J441041090026	26	2865 Main St.	2.6	Y	
J441041090049	49	2835 Sellars Rd.	0.821	Y	Colletti Motorsports.
J441210140001	1A	Central Ave. E.	2	Y	Well # 243457 found East of Apex Auto Center, 4905 Springboro Pike.
J441210140002	2	Central Ave. E.	2	No data	Qualls Auto Center (4780 Central Ave.) and Honda (No visible address). Adjacent to 4905 Springboro Pike which has <u>Montgomery County Water Service</u> .
J441210140003	3	4792 Dixie Drive South	2	Y	Muffler Pros
J441210140004	4A	4794 Dixie Drive South	3.17	Y	Brownies Transmission
K46005160116	118	4950 Marcy Rd.	0.0686	Y	
K46005160128	128	Marcy Rd.	0	N	Easement between 4950 & 4938 Marcy
K46005160131	131	5546 Arcola Ave.	0.1895	Y	
K48001110026	26D	Bowman Lane	0.1174	Y	
K48001110137	137	903 Central Ave.	4	Y (WC)	Majority of property not visible - Self storage
K48005080001	1P	5449 Marina Drive	0.32	Y	Well 513125 in front of structure next door @ 5443 Marina Drive.
K48005080007	7C	Marina Drive	6.03	N	Pam Barnett verified that VFW indicated they are on county water and supply county water to the K-Station
K48005080015	15	3239 Sheffield	0.25	Y	
K48005080016	16	3234 Sheffield	0.34	Y	
K48005080019	19	5249 Springboro Pike	0.676	Y	
K48005080021	21	5219 Springboro Pike	0.2364	Y	
K48005080022	22	5005 Springboro Pike	6.84	Y	
K48005080023	23	4963 Springboro Pike	1.6561	Y	
K48005080023	24	4963 Springboro Pike	1.6561	Y	
K48005080025	25	5111 Springboro Pike	0.1178	Y	

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Table 7. Results of Off-Site Well Survey, Area 4, RACER Trust, Moraine, Ohio.

Parcel ID Number	Figure ID No.	Addresses	Acres	Water Service Provided?	Comments
K48005080026	26A	5295 Springboro Pike	0.679	Y	
K48005080028	28	5405 Springboro Pike	3.69	N	No service since 1972 per MCD - No corresponding address found on Springboro Pike.
K48005080029	29	5415 Springboro Pike	4.086	Y	
K48005080069	69	5335 Springboro Pike	10.019	Y	
K48005080078	78	3233 Sheffield	0.23	Y	
K48005080080	80	5097 Springboro Pike	0.4591	N	California Custom Sound - Part of 5111 Springboro Pike which has Montgomery County water service
K48005080081	81	Springboro Pike	0.821	Y	Macco - West of California Custom Sound. Pam Barnett spoke to occupant on 3/13/08. Occupant indicated that their water is supplied to the property to the west (5219 Springboro Pike) that is supplied by Montgomery County water service
K48005080082	82	5411 Springboro Pike	1.9386	Y	
K48005080083	83	Sheffield	0.81	Y	
K48005090003	3D	5657 Marina Drive	0.79	N	Picnic Area - No structures
K48005090004	4E	5665 Marina Drive	0.58	N	
K48005090005	5C	5655 Marina Drive	1.68	N	
K48005090007	7D	5457 Marina Drive S.	0.328	N	
K48005110048	48A	5255 Manchester	0.1043	Y	No well observed. Water service could not be visually confirmed.
K48005110049	49B	5255 Manchester	0.1478	Y	
K48005110050	50A	5259 Manchester	0.2163	Y	
K48005110051	51A	5303 Exeter Road	0.2028	Y/N	No well observed. On 3/13/08 Pam Barnett spoke to a Coldwell Banker Real Estate agent who has 5303 Exeter as a listing. She indicated that 5303 Exeter has Montgomery County water service. She also indicated that the property has a well that has been used for watering lawn and that the house is capable of being switched back to the well if desired. This property is currently for sale.
K48005110053	53A	5311 Exeter	0	N	Address not found. 5303 only address currently on Exeter
K48005110114	114	5359 Manchester	0	Y	

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Table 7. Results of Off-Site Well Survey, Area 4, RACER Trust, Moraine, Ohio.

Parcel ID Number	Figure ID No.	Addresses	Acres	Water Service Provided?	Comments
K48005110115	115	5357 Manchester	0	Y	Part of 5345 Manchester Rd., which is connected to Montgomery County water service.
K48005110116	116	Manchester	0	Y	Part of 5345 Manchester Rd., which is connected to Montgomery County water service.
K48005110117	117	5345 Manchester	0	Y	
K48005110119	119	5308 Manchester	0.1717	Y	
K48005110160	160	5324 Manchester	0.2313	Y	
K48005110163	163	5298 Manchester	0.2135	Y	
K48005110165	165	Manchester	0.089	Y	
K48005110166	166	5278 Manchester	0.089	Y	
K48005110168	168	5268 Manchester	0.089	Y	
K48005110169	169	5268 Manchester	0.0569	Y	
K48005110170	170	5260 Manchester	0.3523	Y	
K48005110180	180	Manchester	0.0712	N	Part of 5268 Manchester Rd., which is connected to Montgomery County water service.
K48005110200	200	5333 Manchester	0.1616	Y	
K48005110201	201	5333 Manchester	0	Y	
K48005130004	4D	5500 Arcola Ave.	0	Y	
K48005130005	5B	5506 Arcola Ave.	0.1894	Y	
K48005130006	6B	5510 Arcola Ave.	0.1894	Y	
K48005130007	7B	3274 Sheffield	0.1752	Y	
K48005130008	8A	5030 Marcy Road	0.1894	Y	
K48005130009	9A	5026 Marcy Road	0.1894	Y	
K48005130010	10A	5519 Ormand	0.1624	Y	
K48005130010	10B	5022 Marcy Road	0.1894	Y	
K48005130011	11	5033 Marcy Road	0.2555	Y	
K48005130011	11A	5002 Marcy Road	0.1637	Y	
K48005130012	12	5029 Marcy Road	0.1808	Y	
K48005130012	12A	5006 Marcy Road	0.1641	Y	
K48005130013	13	5024 Marcy Road	0.1808	Y	
K48005130013	13A	5010 Marcy Road	0.1412	Y	
K48005130014	14	3250 Sheffield	0	Y	
K48005130015	15A	5007 Ormand	0.1808	Y	
K48005130016	16A	5013 Ormand	0.1808	Y	
K48005130017	17	5019 Ormand	0.1808	Y	
K48005130018	18	5025 Ormand	0.1808	Y	
K48005130019	19A	5033 Ormand	0	Y	
K48005130021	21A	3305 Sheffield	0.2194	Y	
K48005130022	22A	3299 Sheffield	0.2194	Y	
K48005130023	23A	3293 Sheffield	0.2194	Y	
K48005130024	24A	3287 Sheffield	0.2194	Y	

ARCADIS

Table 7. Results of Off-Site Well Survey, Area 4, RACER Trust, Moraine, Ohio.

Parcel ID Number	Figure ID No.	Addresses	Acres	Water Service Provided?	Comments
K48005130025	25A	3281 Sheffield	0.2194	Y	
K48005130026	26B	3275 Sheffield	0.2194	Y	
K48005130027	27	3269 Sheffield	0.2194	Y	
K48005130028	28A	3263 Sheffield	0.2194	Y	
K48005130029	29A	3257 Sheffield	0.2194	Y	
K48005130030	30	3251 Sheffield	0.1707	Y	
K48005130031	31	3245 Sheffield	0.2149	Y	
K48005130032	32	5015 Marcy	0.1567	Y	
K48005130033	33	5019 Marcy	0.1808	Y	
K48005130034	34A	5018 Marcy Rd.	0.1263	Y	
K48005130035	35A	5526 Arcola Ave.	0.1354	Y	
K48005130036	36	5001 Marcy	0.1138	Y	
K48005140001	1J	5036 Ormand Road	0.1997	Y	
K48005140002	2A	5030 Ormand Road	0.1737	Y	
K48005140003	3B	5026 Ormand Road	0.1807	Y	
K48005140004	4B	5020 Ormand Road	0.2163	Y	
K48005140005	5	5016 Ormand Road	0.259	Y	
K48005140006	6	5012 Ormand Road	0.3003	Y	
K48005140007	7	5008 Ormand Ave.	0.332	Y	
K48005160001	1K	5524 Arcola Ave.	0.1263	Y	
K48005160002	2B	5524 Arcola Ave.	0.1263	Y	
K48005160003	3C	5532 Arcola Ave.	0.2525	Y	
K48005160005	5A	5538 Arcola Ave.	0.1263	Y	
K48005160005	6A	5538 Arcola Ave.	0.1326	Y	
K48005160008	8	5001 Lindbergh	0.1744	Y	
K48005160009	9	5509 Ormand	0.1439	Y	
K48005160014	14A	5014 Marcy Road	0.1297	Y	
K48005160015	15B	5014 Marcy Road	0.1263	Y	
K48005160016	16B	5001 Marcy	0.1362	Y	
K48005160017	17A	5001 Marcy	0.1343	Y	
K48005160018	18A	4957 Marcy	0.1866	Y	
K48005160019	19B	4955 Marcy	0.1343	Y	
K48005160020	20A	4953 Marcy	0.1353	Y	
K48005160021	21B	4953 Marcy	0.1353	Y	
K48005160022	22B	4937 Marcy	0.1364	Y	
K48005160023	23B	4937 Marcy	0.1374	Y	
K48005160024	24B	4927 Marcy	0.1384	Y	
K48005160025	25B	Marcy Rd.	0.0713	Y	
K48005160026	26C	4925 Marcy Rd.	0.1405	Y	
K48005160027	27A	Marcy Rd.	0.1415	Y	
K48005160028	28B	4921 Marcy Rd.	0.1415	Y	
K48005160029	29B	Marcy Rd.	0.1426	Y	
K48005160030	30A	4913 Marcy Rd.		Y	

ARCADIS

Table 7. Results of Off-Site Well Survey, Area 4, RACER Trust, Moraine, Ohio.

Parcel ID Number	Figure ID No.	Addresses	Acres	Water Service Provided?	Comments
K48005160032	32A	4909 Marcy Rd.	0	Y	
K48005160033	33A	5425 Springboro Pike	0.1034	Y	
K48005160034	34	Springboro Pike	0.1217	N	Part of 5425 Springboro Pike, which is connected to Montgomery County water service.
K48005160035	35	4907 Marcy Rd.	0.1208	N	
K48005160036	36A	Springboro Pike	0.1515	N	Only one structure on 5515 Springboro Pike (on K48005160040).
K48005160037	37	1515 Springboro Pike	0.1263	N	
K48005160038	38	Springboro Pike	0.1263	N	
K48005160039	39	Springboro Pike	0.1263	N	
K48005160040	40	5515 Springboro Pike	0.1365	Y	
K48005160041	41	4910 Marcy	0.1552	Y	
K48005160042	42	4914 Marcy	0.1343	Y	
K48005160043	43	4918 Marcy	0.1641	Y	
K48005160044	44	4922 Marcy	0.1045	Y	
K48005160045	45	Marcy	0.0686	Y	
K48005160046	46	4920 Marcy	0.2	Y	
K48005160047	47	4924 Marcy	0.1343	Y	
K48005160048	48	4930 Marcy	0.1343	N	Vacant. Between 4924 & 4938 Marcy.
K48005160049	49A	4938 Marcy	0.1343	Y	
K48005160050	50	4938 Marcy	0.0686	Y	
K48005160051	51	4950 Marcy Rd.	0.1343	Y	
K48005160052	52	4954 Marcy Rd.	0.1343	Y	
K48005160053	53	4956 Marcy Rd.	0	Y	
K48005160054	54	No data	No data	N	Easement between 4956 Marcy & 5514 Ormand
K48005160055	55	5514 Ormand Rd.	0.1647	Y	
K48005160056	56	4955 Lindbergh Blvd.	0.1788	Y	
K48005160057	57	4953 Lindbergh Blvd.	0.1492	Y	
K48005160058	58	4941 Lindbergh Blvd.	0.1492	Y	
K48005160059	59	4937 Lindbergh Blvd.	0.1492	Y	
K48005160060	60	4933 Lindbergh Blvd.	0.1492	Y	
K48005160061	61	4929 Lindbergh Blvd.	0.1492	Y	
K48005160062	62	4925 Lindbergh Blvd.	0.1492	Y	
K48005160063	63	4921 Lindbergh Blvd.	0.1492	Y	
K48005160064	64	4917 Lindbergh Blvd.	0.1492	Y	
K48005160065	65	4913 Lindbergh Blvd.	0.1492	Y	
K48005160066	66	4909 Lindbergh Blvd.	0.1492	Y	
K48005160068	68	4905 Lindbergh Blvd.	0	Y	

ARCADIS

Table 7. Results of Off-Site Well Survey, Area 4, RACER Trust, Moraine, Ohio.

Parcel ID Number	Figure ID No.	Addresses	Acres	Water Service Provided?	Comments
K48007120002	2C	Central Ave. E.	0.6026	Y (WC)	801 Central - White Auto Exchange, Inc., Property for Lease
K48007120003	3E	833 Central Ave.	0.879	Y (WC)	Abandoned McDonalds. Sprinklers currently operable and paid to date. Water service not turned on.
K48007120004	4F	901 Central Ave.	0.1434	Y (WC)	
K48010140001	1O	5441 Marina Drive	1.5344	Y (WC)	Two wells observed. In front of building and picnic house. Pam Barnett verified that VFW indicated they are on county water and supply county water to the K-Station
No data	1B	No data	No data	No data	Wooded Property
No data	1C	No data	No data	No data	River & Wooded Property.
No data	1D	No data	No data	No data	Vacant Lot
No data	1E	No data	No data	No data	Vacant Lot
No data	1F	No data	No data	Y	1522 Manchester - Ace Provisions, Inc. Food Distributors. Pam Barnett spoke to owner of Ace Provisions on 3/14/08. Owner indicates Ace is on county water
No data	1G	No data	No data	No data	Vacant Lot
No data	1H	No data	No data	Y	1525 Manchester - Miami Steel & Adjacent Vacant Land. Pam Barnett spoke to President of Miami Steel Fabricators on 3/14/08. President indicates Miami Steel is on county water
No data	1I	No data	No data	Y	1525 Manchester - Miami Steel & Adjacent Vacant Land. Pam Barnett spoke to President of Miami Steel Fabricators on 3/14/08. President indicates Miami Steel is on county water
No data	1L	No data	No data	No data	Vacant Lot - Easement
No data	1M	No data	No data	No data	Vacant Lot - Easement
No data	1N	No data	No data	No data	Vacant Lot - Easement
No data	1Q	No data	No data	No data	Vacant Lot
No data	1R	No data	No data	No data	Vacant Lot - Easement along river
No data	1S	No data	No data	No data	Vacant Lot - Easement along river
No data	4C	No data	No data	No data	Addition to structure at 5532 Arcola
No data	17B	No data	No data	No data	Vacant lot between 4909 & 4905 Lindbergh. No Structure
No data	67	No data	No data	No data	East of 4909 Lindbergh. Vacant lot. No Structure
No data	124	No data	No data	No data	Easement between 4918 & 4922 Marcy
No data	129	No data	No data	No data	Easement between 4920 & 4922 Marcy
No data	171	No data	No data	No data	Vacant Lot
No data	172	No data	No data	No data	Vacant Lot
No data	164	No data	No data	No data	Vacant lot between 5278 & 5298 Manchester. No Structure

* Refer to Table 8 for

(WC) = Water service provided by City of West

Parcel IDs, addresses, owners, and acreage found on Montgomery County Auditors web site (www.mcauditor.org).

Water service determination made by calling either Montgomery County Water District or West Carrollton Water District

Comments made by ARCADIS staff after review of all available information and property drive by

ARCADIS

Table 8. Area 4 Located and Unlocated Well Logs, RACER Trust, Moraine, Ohio.

Figure ID No.	ODNR Well Log No.	Well Log No.	Year Drilled	Total Depth (ft)	Address	Water Service Provided?	Survey Results
Area 4 Located Wells							
1K	137010	52	1954	76	5515 Springboro Pike	Y	Only one structure on four parcels.
1M	513125	10	1977	114	5449 Marina Drive	Y (WC)	Well in front yard of 5443 Marina Drive.
1N	349845	11	1966	85	5441 South Dixie Drive (Marina Drive)	Y (WC)	2 wells found at VFW. Picnic house and main building.
1O	349829	12	1966	77	5308 Manchester Road	Y	No well observed.
1P	128434	13	1954	44	5255 Manchester Road	Y	No well observed.
1Q	171315	14	1956	50	0.5 mile E of SR. 25 on Manchester	No physical address	No well observed on Manchester. Well log address vague. Well not observed in general area of 1/2 mile east of SR 25 on Manchester. All other properties on Manchester have city water.
Area 4 Unlocated Wells							
2E	131415		1954	52	RR 11, Box 203 (25 yds. East of SR 25)	No physical address	No well observed. Address no longer exists. Log map too vague to determine exact location. Drive by of area revealed no well present. No structures present on property.
2F	243457		1959	45	203 Lawn Street (SR 25 South)	No physical address	Well found in "Afford A Car" lot. Water connection is provided for 4905 Springboro Pike. Referencing 203 Lawn St, this address no longer exists. Log map too vague to determine exact location. Drive of area revealed no well present.
2G	145080		1955	105	Intersection of Rt. 25 & Springboro Pike	No physical address	No well observed. Address no longer exists. Log map too vague to determine exact location. Drive of area revealed no well present. All properties in area have confirmed water service.

ARCADIS

Table 8. Area 4 Located and Unlocated Well Logs, RACER Trust, Moraine, Ohio.

Figure ID No.	ODNR Well Log No.	Well Log No.	Year Drilled	Total Depth (ft)	Address	Water Service Provided?	Survey Results
Area 4 Unlocated Wells							
2H	268176		1963	43	Intersection of SR. 25 & RR Bridge	No physical address	No well observed. Address no longer exists. Log map too vague to determine exact location. Drive by revealed no well present. All properties to east along Springboro Pike have confirmed water service.
2I	131422		1954	60	5424 Exeter Road	No physical address	Address does not exist. 5303 Exeter only. 5303 Exeter does have well on property. This address (5424 does not exist). Pam Barnett spoke to real estate agent to confirm water service.
2J	101813	73	1957	145	Dryden Road Well Field	No physical address	Log map too vague to determine exact location. No well located near ODNR well log map location. Unable to match well specifications to any of the current Dryden Road Well Field wells.
Area 4 Known Wells							
DS-7	NA	NA	1966	147	Dryden Road South Well Field	-	Inactive well field.
DS-8	NA	NA	1966	151	Dryden Road South Well Field	-	Inactive well field.
DS-9B	420704	80	1971	159	Dryden Road South Well Field	-	Inactive well field.
DN-11	NA	NA	1956	160	Dryden Road North Well Field	-	Inactive well field.
DN-12	NA	NA	1958	166	Dryden Road North Well Field	-	Inactive well field.
DN-13	295341	52	1964	170	Dryden Road North Well Field	-	Pump to waste well to Great Miami River.

WC = West Carrollton

WELL LOG AND DRILLING REPORT

ORIGINAL

State of Ohio
 DEPARTMENT OF NATURAL RESOURCES
 Division of Water
 Columbus, Ohio

No 137010

$\gamma = 1.51$
 $\gamma = 1.61$

County Montgomery Township Miggins Section of Township _____ or Lot Number _____
 Owner Richard Hochwalt Address 5515 Springloss Pike
 Location of property 6 mile from Dayton on Route 25
to 741 south 1/4 mile

CONSTRUCTION DETAILS

PUMPING TEST

Casing diameter 6" OD Length of casing 76'
 Type of screen None Length of screen _____
 Type of pump _____
 Capacity of pump _____
 Depth of pump setting _____

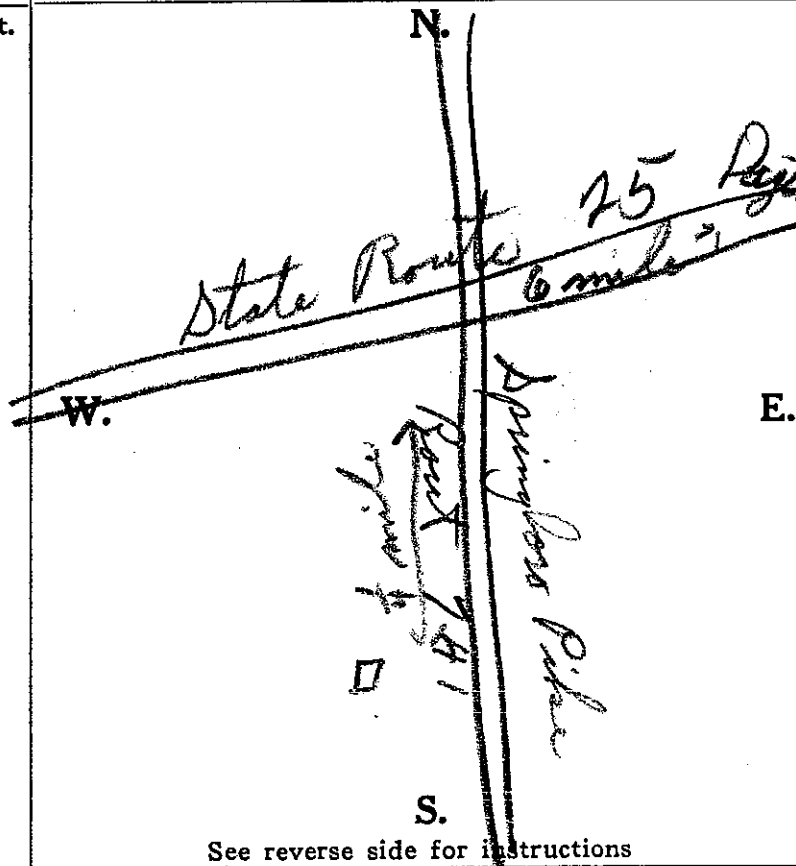
Pumping rate 15 G.P.M. Duration of test 2 hrs.
 Drawdown 2 ft. Date Sept 10, 1954
 Developed capacity 900 gal. Hour
 Static level—depth to water 30 ft.
 Pump installed by owner

WELL LOG

SKETCH SHOWING LOCATION

Formations Sandstone, shale, limestone, gravel and clay	From	To
<u>old well</u>	<u>0 Feet</u>	<u>30 Ft.</u>
<u>Sand & Gravel</u>	<u>30</u>	<u>76</u>

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



See reverse side for instructions

Drilling Firm Chas. E. Thomas & Sons
 Address R.R. 1 Mt. Airy, Ohio

Date Sept. 10, 1954
 Signed Chas. E. Thomas

1729

WELL LOG AND DRILLING REPORT

PLEASE USE PENCIL
OR TYPEWRITER
DO NOT USE INK.

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

No 349845

County Montgomery Township Miami Section of Township 16
Owner Harold Blinn Address 544 S Dixie Dr.
Location of property Same Dayton Ohio

CONSTRUCTION DETAILS

Casing diameter 5 7/8 Length of casing 85
Type of screen _____ Length of screen _____
Type of pump _____
Capacity of pump _____
Depth of pump setting _____
Date of completion _____

BAILING OR PUMPING TEST

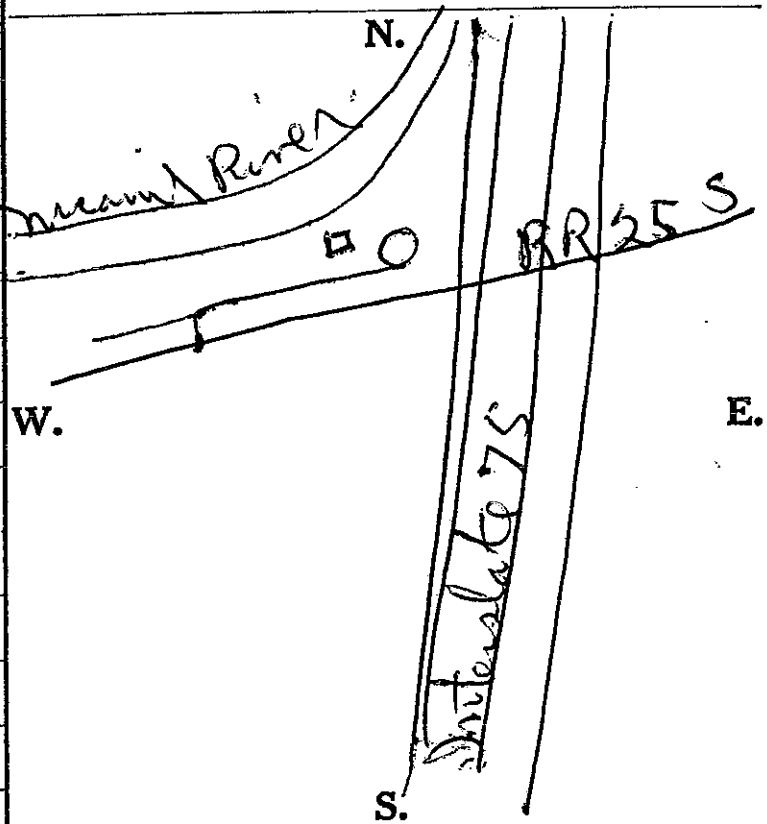
Pumping Rate 12 G.P.M. Duration of test 1 hrs.
Drawdown 10 ft. Date Sept 22 66
Static level depth to water 50 ft.
Quality (clear) cloudy, taste, odor) _____
Pump installed by C.P. Garrison

WELL LOG*

Formations Sandstone, shale, limestone, gravel and clay	From	To
<u>Clay</u>	<u>0 Feet</u>	<u>3 Ft.</u>
<u>gravel</u>	<u>3</u>	<u>20</u>
<u>Clay</u>	<u>20</u>	<u>35</u>
<u>gravel</u>	<u>35</u>	<u>55</u>
<u>Clay</u>	<u>55</u>	<u>84</u>
<u>gravel</u>	<u>84</u>	<u>85</u>

SKETCH SHOWING LOCATION

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



See reverse side for instructions

Drilling Firm **CLAY P. GARRISON**
WELL CONTRACTOR
Address 3901 S. DIXIE DR.
DAYTON 9, OHIO

Date Sept 22 66
Signed Clay P. Garrison

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

WELL LOG AND DRILLING REPORT

ORIGINAL

State of Ohio
 DEPARTMENT OF NATURAL RESOURCES
 Division of Water
 Columbus, Ohio

No 128434

County Franklin Township Manchester Section of Township _____ or Lot Number _____
 Owner Charles Schmidt Address 5255 Manchester
 Location of property _____

CONSTRUCTION DETAILS	PUMPING TEST
Casing diameter <u>4 1/2</u> Length of casing <u>44</u>	Pumping rate _____ G.P.M. Duration of test _____ hrs.
Type of screen _____ Length of screen _____	Drawdown _____ ft. Date _____
Type of pump _____	Developed capacity _____
Capacity of pump _____	Static level—depth to water _____ ft.
Depth of pump setting _____	Pump installed by _____

WELL LOG			SKETCH SHOWING LOCATION
Formations Sandstone, shale, limestone, gravel and clay	From	To	Locate in reference to numbered State Highways, St. Intersections, County roads, etc.
<u>Gravel</u>	0 Feet	<u>4</u> Ft.	N.
	<u>4</u>	<u>44</u>	W. E.
			S.

See reverse side for instructions

1448
 Drilling Firm W. J. ... Date Oct 1 1954
 Address 2413 Kelly St Signed J. O. ...

WELL LOG AND DRILLING REPORT

ORIGINAL

State of Ohio
DEPARTMENT OF NATURAL RESOURCES
Division of Water
Columbus, Ohio

No 171315

County Mont Township Miami Section of Township _____ or Lot Number _____
 Owner James Baker Address Wentworth Rd
 Location of property Marble Top Rd. (State Rte 25) 1/2 mile S.W.

CONSTRUCTION DETAILS

Casing diameter 5 5/8" Length of casing 50
 Type of screen _____ Length of screen _____
 Type of pump _____
 Capacity of pump _____
 Depth of pump setting _____

PUMPING TEST

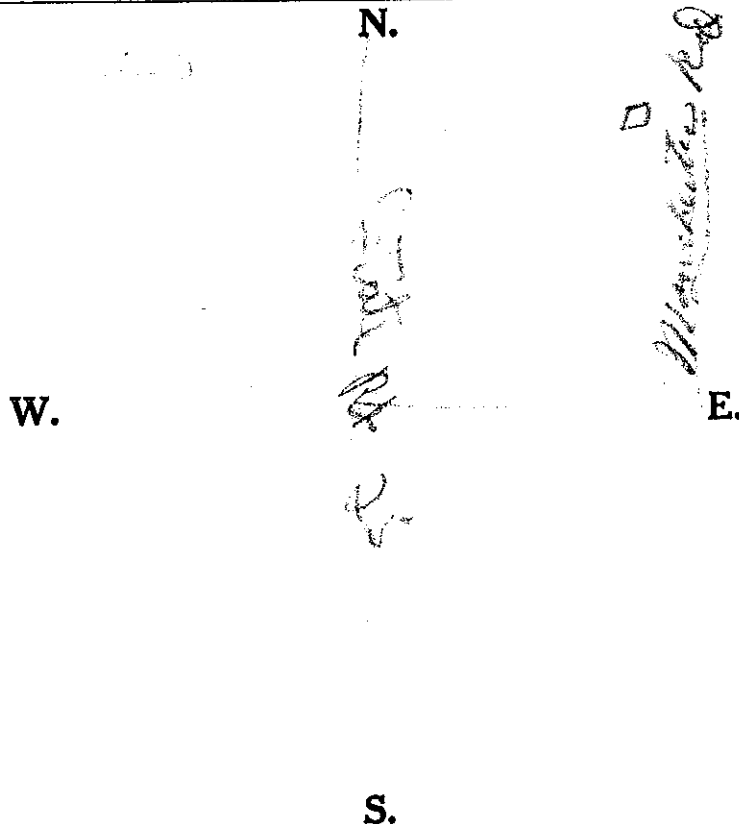
Pumping rate _____ G.P.M. Duration of test _____ hrs.
 Drawdown _____ ft. Date _____
 Developed capacity _____
 Static level—depth to water _____ ft.
 Pump installed by 89'

WELL LOG

Formations Sandstone, shale, limestone, gravel and clay	From	To
<u>Clay</u>	<u>0 Feet</u>	<u>20 Ft.</u>
<u>Clay & sand.</u>	<u>20</u>	<u>40</u>
<u>Sand</u>	<u>40</u>	<u>48</u>
<u>Gravel</u>	<u>48</u>	<u>50</u>
<u>Water @ 40'</u>		

SKETCH SHOWING LOCATION

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



See reverse side for instructions

Drilling Firm Chuck Gayer
 Address 5251 Elm Drive

Date 10/23/56
 Signed Chuck Gayer

4673

WELL LOG AND DRILLING REPORT

ORIGINAL

State of Ohio
DEPARTMENT OF NATURAL RESOURCES
Division of Water
Columbus, Ohio

No 131415

County Montgomery Township Monticelli Section of Township 1000 or Lot Number
 Owner William Kenneth Address RR. 11-Box 203 - Dayton, Ohio
 Location of property 25 yards East of lot 25.

CONSTRUCTION DETAILS	PUMPING TEST
Casing diameter <u>6" OD</u> Length of casing <u>52</u>	Pumping rate <u>20</u> G.P.M. Duration of test <u>6</u> hrs.
Type of screen <u> </u> Length of screen <u> </u>	Drawdown <u>0</u> ft. Date <u>6-17-54</u>
Type of pump <u> </u>	Developed capacity <u>1000</u>
Capacity of pump <u> </u>	Static level—depth to water <u>21</u> ft.
Depth of pump setting <u> </u>	Pump installed by <u> </u>

WELL LOG			SKETCH SHOWING LOCATION
Formations Sandstone, shale, limestone, gravel and clay	From	To	Locate in reference to numbered State Highways, St. Intersections, County roads, etc.
<u>Sand & gravel</u>	0 Feet	52 Ft.	<div style="display: flex; justify-content: space-between;"> N. E. </div>
<u>Water at 42 ft</u>	<u>0</u>	<u>52</u>	

See reverse side for instructions

Drilling Firm Louis S. Kennedy
 Address 442 Cincinnati St
Dayton, Ohio

Date 6-17-54
 Signed Louis S. Kennedy

WELL LOG AND DRILLING REPORT

PLEASE USE PENCIL
OR TYPEWRITER.
DO NOT USE INK.

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

No. 243457

County Montgomery Township Marsine Section of Township 16
 Owner Mr. Paul Kline Address 203 Laurel St. Dayton
 Location of property State Route 25 South

CONSTRUCTION DETAILS

Casing diameter 4 1/2 Length of casing 45
 Type of screen..... Length of screen.....
 Type of pump.....
 Capacity of pump.....
 Depth of pump setting.....
 Date of completion.....

BAILING OR PUMPING TEST

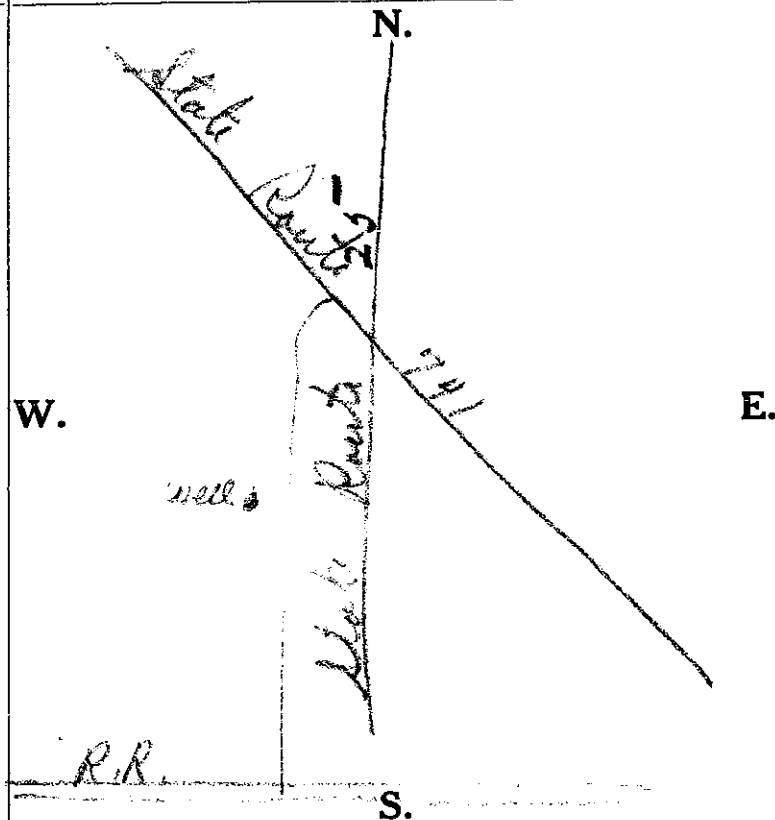
Pumping rate 8 G.P.M. Duration of test 2 hrs.
 Drawdown 6 ft. Date Nov. 5 - '59
 Developed capacity 8 8 PM
 Static level—depth to water 30 ft.
 Pump installed by.....

WELL LOG

Formations Sandstone, shale, limestone, gravel and clay	From	To
<u>Clay</u>	0 Feet	<u>20</u> Ft.
<u>heavy Gravel</u>	20	30
<u>Water Bearing Sand</u>	30	45

SKETCH SHOWING LOCATION

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



See reverse side for instructions

Drilling Firm Clayton Hamman

Date Nov. 5, 1959

Address 3901 Drexel

Signed

Dayton 39 Ohio

WELL LOG AND DRILLING REPORT

ORIGINAL

State of Ohio
DEPARTMENT OF NATURAL RESOURCES
Division of Water
Columbus, Ohio

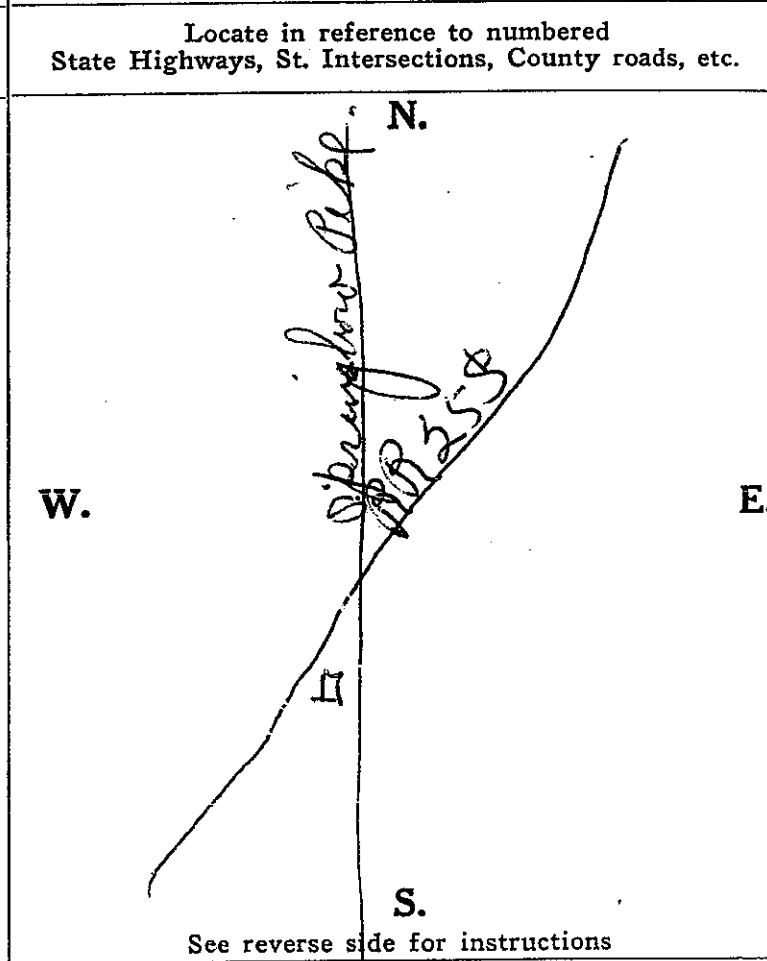
No 145080

County Montgomery Township Mount Pleasant Section of Township or Lot Number _____
 Owner Mike I. Sohey Address Marion City
 Location of property Intersection of Rt 258 Springfield to Pike

CONSTRUCTION DETAILS	PUMPING TEST
Casing diameter <u>5 1/2</u> Length of casing <u>105</u>	Pumping rate..... G.P.M. Duration of test..... hrs.
Type of screen..... Length of screen.....	Drawdown..... ft. Date.....
Type of pump.....	Developed capacity
Capacity of pump.....	Static level—depth to water..... ft.
Depth of pump setting.....	Pump installed by.....

WELL LOG	SKETCH SHOWING LOCATION
----------	-------------------------

Formations Sandstone, shale, limestone, gravel and clay	From	To
<u>Gravel & Clay</u>	0 Feet	<u>20</u> Ft.
<u>Gravel</u>	<u>20</u>	<u>105</u>



See reverse side for instructions

Drilling Firm CLAY P. GARRISON
 Well Contractor
 Address 3901 S. DIXIE DR.
DAYTON 9, OHIO

Date Mar 24 1955
 Signed _____

WELL LOG AND DRILLING REPORT

ORIGINAL

State of Ohio
DEPARTMENT OF NATURAL RESOURCES
Division of Water
Columbus, Ohio

N^o 131422

County Montgomery Township Madison Section of Township South Main
or Lot Number 1
Owner H. J. DeLacour Address 4125 1/2 St. Rd
Location of property 200 yards South of Point 25

CONSTRUCTION DETAILS	PUMPING TEST
Casing diameter <u>6" OD</u> Length of casing <u>60</u>	Pumping rate <u>20</u> G.P.M. Duration of test <u>4</u> hrs
Type of screen..... Length of screen.....	Drawdown <u>8</u> ft. Date <u>7.15.64</u>
Type of pump.....	Developed capacity <u>1650</u>
Capacity of pump.....	Static level—depth to water <u>20</u> ft
Depth of pump setting.....	Pump installed by.....

WELL LOG			SKETCH SHOWING LOCATION
Formations Sandstone, shale, limestone, gravel and clay	From	To	Locate in reference to numbered State Highways, St. Intersections, County roads, etc.
	0 FeetFt.	N.
<u>Clay</u>		<u>8</u>	
<u>Sand + gravel</u>	<u>8</u>	<u>60</u>	
<u>Water at 40</u>			S.

See reverse side for instructions

Drilling Firm Franklin Machine Date 7.15.64
Address 1000 1/2 1st St Signed Franklin Machine

1389

WELL LOG AND DRILLING REPORT

MOO (6)?

State of Ohio
DEPARTMENT OF NATURAL RESOURCES
Division of Water
Columbus, Ohio

No 101813

County Montgomery Township Madison Section of Township or Lot Number 11 Moraine
Owner Montgomery County Sanitary Dept Address 127 North Perry Street Dayton
Location of property Dryden Road Well Field - Greater Moraine Water System

CONSTRUCTION DETAILS

Casing diameter 18 Length of casing 105
Type of screen C&W Length of screen 40
Type of pump Turbine
Capacity of pump 1700 GPM
Depth of pump setting 110 ft

PUMPING TEST

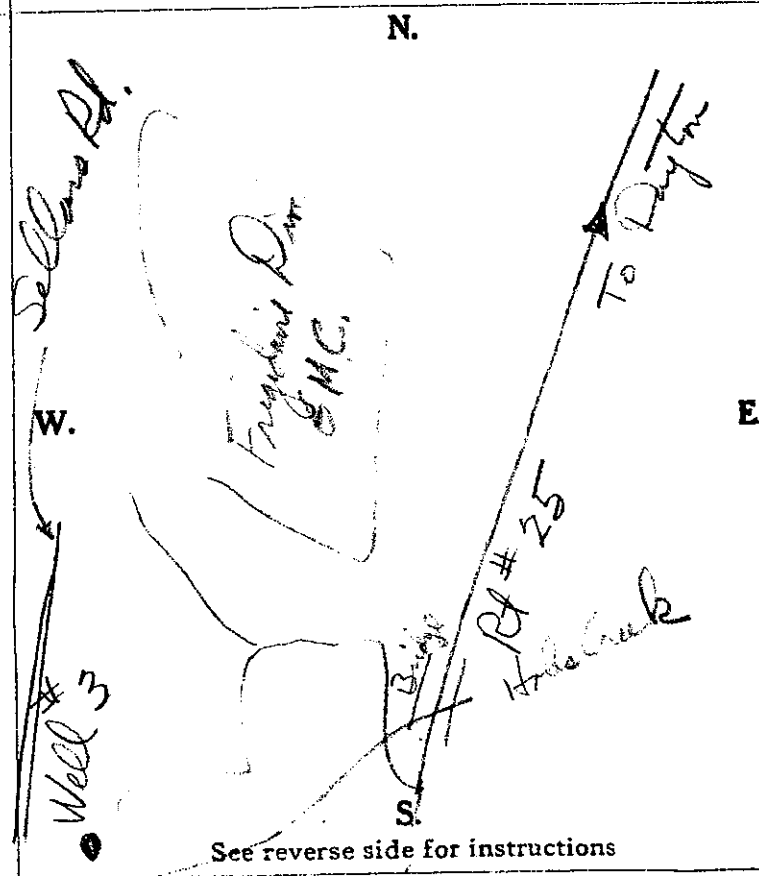
Pumping rate 1900 G.P.M. Duration of test 1 hrs
Drawdown 23 ft. Date 10/15/57
Developed capacity 1700 GPM
Static level—depth to water 28 ft
Pump installed by _____

WELL LOG

Formations Sandstone, shale, limestone, gravel and clay	From	To
Top Soil + clay	0 Feet	6 Ft.
fine + medium gravel with clay lenses	6	95
Medium + Coarse Gravel	95	100
" " "	100	105
" " "	105	110
" " "	110	115
" " "	115	120
" " "	120	130
" " "	130	140
" " "	140	145
Mud	145	150

SKETCH SHOWING LOCATION

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



Drilling Firm Drill Pump & Supply Co. Inc Date March 24, 1958
Address Proctor Ave. Bldg. Rm #6 Signed Edwin B. Wagner

190

7

WEL' LOG AND DRILLING REP' RT

ORIGINAL

NO CARBON PAPER
NECESSARY—
SELF-TRANSCRIBING

State of Ohio
DEPARTMENT OF NATURAL RESOURCES
Division of Water
65 S. Front St., Rm. 815 Phone (614) 469-2646
Columbus, Ohio 43215

No. 420704

County Montgomery Township City of Moraine Section of Township _____

Owner Montgomery Co. Sanitary Dept. Address 4221 Lamm Road - Dayton

Location of property _____

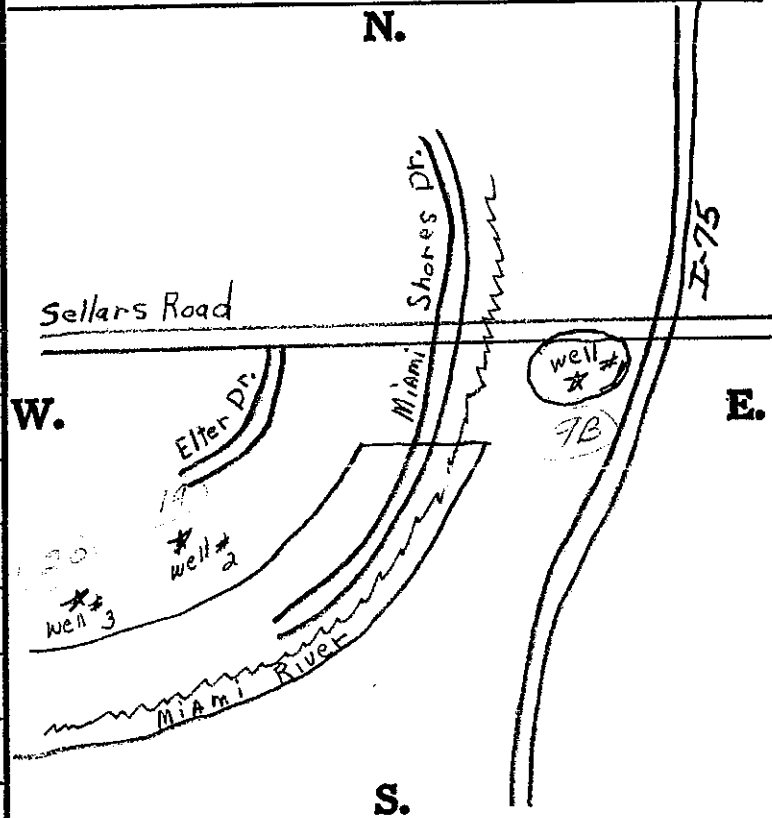
CONSTRUCTION DETAILS	BAILING OR PUMPING TEST (Specify one by circling)
Casing diameter <u>18"</u> Length of casing <u>166'</u>	Test Rate <u>166.6</u> G.P.M. Duration of test <u>4</u> hrs.
Type of screen <u>R.B.</u> Length of screen <u>53</u>	Drawdown <u>14'-4 1/2"</u> ft. Date <u>Aug 13 - 1971</u>
Type of pump <u>B.J. 100 HP 1800 RPM - Judd</u>	Static level-depth to water <u>approx 60'</u> ft.
Capacity of pump <u>850 GPM</u>	Quality (clear, cloudy, taste, odor) <u>clear</u>
Depth of pump setting <u>159' from Foundation</u>	<u>Miller Everett Wheeler Edell Burgess</u>
Date of completion <u>7-29-71</u>	Pump installed by _____

WELL LOG*

Formations Sandstone, shale, limestone, gravel and clay	From	To
<u>top soil</u>	<u>0 Feet</u>	<u>1 Ft.</u>
<u>Clay with sand+gravel</u>	<u>1</u>	<u>14</u>
<u>sand+gravel, med. Boulders</u>	<u>14</u>	<u>55</u>
<u>Small gravel+coarse sand</u>	<u>55</u>	<u>60</u>
<u>lg. ga gravel+fine sand</u>	<u>60</u>	<u>112</u>
<u>Coars+ fine sand</u>	<u>112</u>	<u>120</u>
<u>lg to med gravel+coars sand</u>	<u>120</u>	<u>148</u>
<u>yellow clay</u>	<u>148</u>	<u>159</u>
<u>Boulders+coars gravel</u>	<u>159</u>	<u>163</u>
<u>Clay-yellow-brn+blue</u>	<u>163</u>	<u>176</u>
<u>Warty sand+gravel</u>	<u>176</u>	<u>188</u>
<u>Blue shale</u>	<u>188</u>	<u>191</u>
<u>5412</u>		

SKETCH SHOWING LOCATION

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



Drilling Firm MOODY'S OF DAYTON, INC.
P. O. Box 155 Area Code 513
Address Vandalia, Ohio 45377 898-3949

Date March 28, 1973

Signed W.C. Casper, Jr.

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

WELL LOG AND DRILLING REPORT

MCO 5
PLEASE USE PENCIL
OR TYPEWRITER
DO NOT USE INK.

State of Ohio
DEPARTMENT OF NATURAL RESOURCES
Division of Water
1562 W. First Avenue
Columbus 12, Ohio

No 295341

County Montgomery Township Marion Section of Township _____
Owner Montgomery Co - Water Dept Address Dayton Ohio
Location of property Well No 13

CONSTRUCTION DETAILS	BAILING OR PUMPING TEST
Casing diameter <u>20</u> Length of casing <u>105'0</u>	Pumping Rate <u>2000</u> G.P.M. Duration of test <u>27</u> hrs.
Type of screen <u>Cook</u> Length of screen <u>60'0</u>	Drawdown <u>10</u> ft. Date <u>9-25-64</u>
Type of pump <u>?</u>	Static level-depth to water <u>43'0</u> ft.
Capacity of pump _____	Quality (clear, cloudy, taste, odor) _____
Depth of pump setting _____	Pump installed by <u>P.</u>
Date of completion <u>9-25-64</u>	

WELL LOG		
Formations Sandstone, shale, limestone, gravel and clay	From	To
<u>Topsoil</u>	0 Feet	<u>4</u> Ft.
<u>dry s. + s.</u>	4'0	10'0
<u>dry s. + s.</u>	10'0	20'0
<u>s. + s.</u>	20'0	65'0
<u>clay</u>	65'0	80'0
<u>s. + s.</u>	80'0	150'0
<u>yellow s. + s.</u>	150'0	160'0
<u>clay + gravel</u>	160'0	170'0

SKETCH SHOWING LOCATION

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

N.

W.

E.

S.

See reverse side for instructions

Miami River

well no 13

Man Hoff

Drilling Firm T. L. ...
Address Columbus

Date 9-25-64
Signed D. L. McEntire

MATERIAL:

Pit: 105' of 20" Steel Casing

Screen: 60' of 20" Red Brass Cook Screen

Cone: Red Brass Bottom

PUMP: Customer's

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

MOTOR: Customer's

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

WELL:

Capacity	2000 GPM	Static Level	43'
Guarantee	None	P. Level	52'-8"
Started	8-17-64	Pressure	
Finished	9-25-64	Pumped	2005
Accepted	9-25-64	Depth	165'

REMARKS:



Driller: Toledo Rodgers
Installer:

THE LAYNE OHIO CO.
WATER SUPPLY CONTRACTORS
COLUMBUS OHIO

MONTGOMERY COUNTY
DAYTON, OHIO

DRAWN BY: [Signature]
WELL NO. 13

APPROVED BY: [Signature]
DRAWN TO: 1527

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Appendix I-5

Area 5 Off-Site Well Survey Results



WELL SURVEY AREA 5
 RACER TRUST
 MORAIN, OHIO



DRAWN R. SMITH	DATE 2/20/2008	PROJECT MANAGER N. GILLOTTI	DRAWING NAME OH294\01\WS\OH29407-22
		LEAD DESIGN PROF. J. REID	CHECKED P. DAVIS
		PROJECT NUMBER OH000294.2012	FIGURE NUMBER 6

MAIN ST.



N1
AREA 5
PARCEL
MAP

GREAT MIAMI RIVER

AREA 5 ^{N ↑} PARCEL MAP



NT
AREA 5
PARCEL
MAP

MORaine 23A

24A

NO DATA

NO DATA

NO DATA

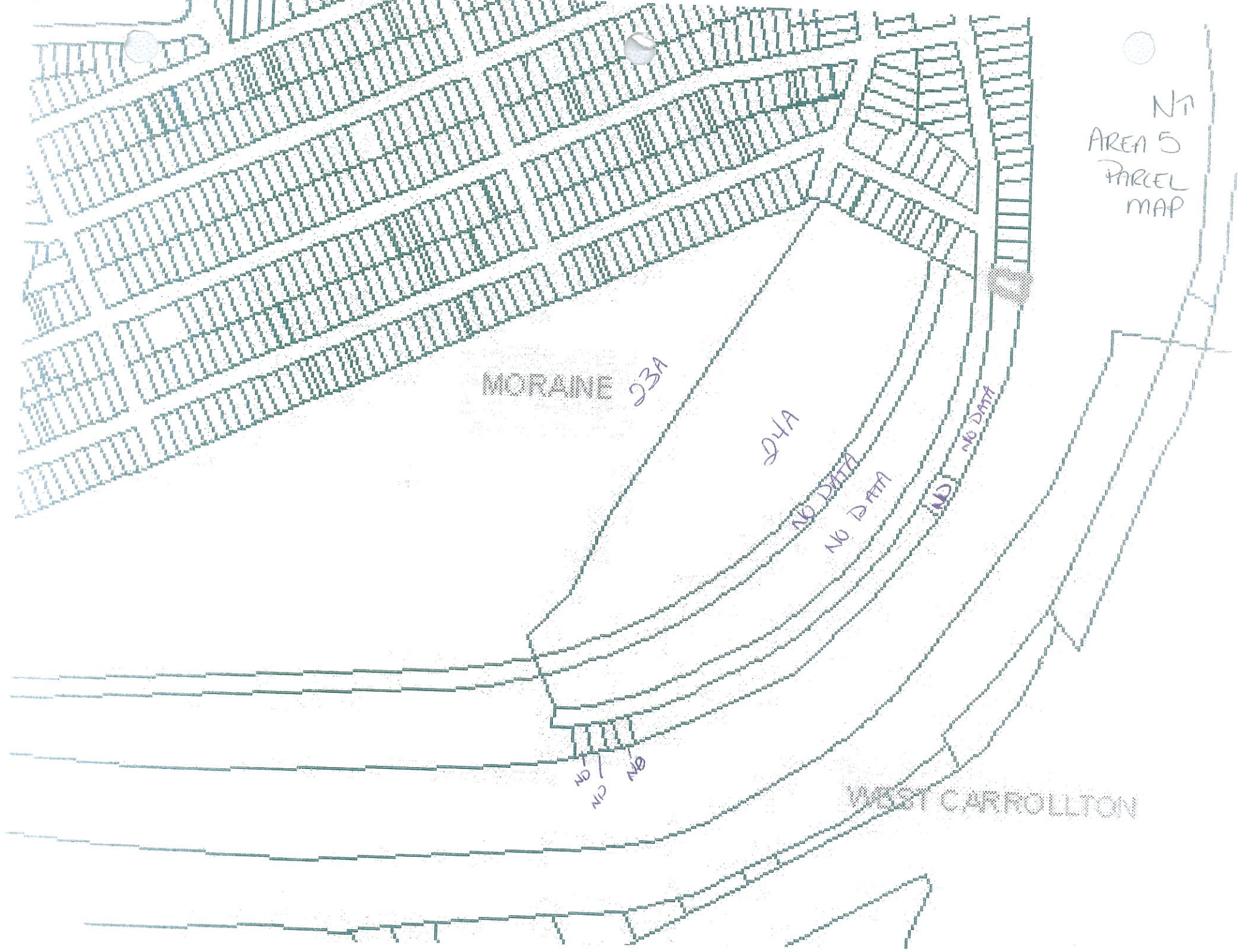
NO

NO

NO

NO

WEST CARROLLTON



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Table 9. Results of Off-Site Well Survey, Area 5, RACER Trust, Moraine, Ohio.

Parcel ID Number	Figure ID No.	Address	Acres	Water Service Provided?	Comments
J441209130015	15	Beechgrove Road	0.0884	Y	
J441209130016	16	3470 Beechgrove Road	0.0884	Y	
J441209130017	17	3452 Beechgrove Road	0.0884	Y	
J441209130018	18	No Data	0.0884	N	Beechgrove - Part of either 3452 or 3444. No Structure.
J441209130019	19	3444 Beechgrove Road	0.0884	Y	
J441209130020	20	3444 Beechgrove Road	0.0884	Y	
J441209130021	21	3444 Beechgrove Road	0.0884	Y	
J441209130022	22	3432 Beechgrove Road	0.0884	Y	
J441209130023	23	3432 Beechgrove Road	0.0884	Y	
J441209130024	24	3432 Beechgrove Road	0.0884	Y	
J441209130025	25	3424 Beechgrove Road	0.0884	Y	
J441209130026	26	Beechgrove Road	0.0884	Y	
J441209130027	27	3412 Beechgrove Road	0.0884	Y	
J441209130028	28	No Data	0.0884	N	Beechgrove - Electric Easement.
J441209130029	29	3404 Beechgrove Road	0.0643	Y	
J441209130030	30	3404 Beechgrove Road	0.1012	Y	
J441209130044	44	3461 Trail On Rd.	0.0884	Y	
J441209130045	45	No Data	0.0884	N	Part of 3461 Trail On Road which is connected to Montgomery County Water. One structure.
J441209130046	46	No Data	0.0884	N	
J441209130047	47	No Data	0.0884	N	
J441209130048	48	3449 Trail On Rd.	0.0884	Y	

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Table 9. Results of Off-Site Well Survey, Area 5, RACER Trust, Moraine, Ohio.

Parcel ID Number	Figure ID No.	Address	Acres	Water Service Provided?	Comments
J441209130049	49	No Data	0.0884	N	Easement - Shared Driveway between 3449 & 3445 Trail On Road
J441209130050	50	3445 Trail On Rd.	0.0884	Y	
J441209130051	51	3443 Trail On Rd.	0.0884	Y	Water only, no sewer. Two homes on property. One inhabited & one under construction.
J441209130052	52	3443 Trail On Rd.	0.0884	Y	
J441209130053	53	3443 Trail On Rd.	0.0884	N	
J441209130291	291	Trail On Rd.	0.176	N	Part of 3404 Beechgrove Road which is connected to Montgomery County Water.
J441209130054	54	3357 Trail On Rd.	0.0884	Y	
J441209130055	55	3355 Trail On Rd.	0.0884	Y	
J441209130056	56	3353 Trail On Rd.	0.0884	Y	
J441209130057	57	3349 Trail On Rd.	0.0884	Y	
J441209130058	58	Trail On Rd.	0.0884	N	Part of 3449 Trail On Road which is connected to Montgomery County Water.
J441209130059	59	3345 Trail On Rd.	0.0884	N	Part of 3345 Trail On Road which is connected to Montgomery County Water.
J441209130060	60	3345 Trail On Rd.	0.0884	Y	
J441209130061	61	Trail On Rd.	0.167	N	Part of 3341 Trail On Road which is connected to Montgomery County Water.
J441209130062	62	3341 Trail On Rd.	0.131	Y	
J441209130063	63	Trail On Rd.	0.131	N	Part of 3341 Trail On Road which is connected to Montgomery County Water.
J441209130064	64	3333 Trail On Rd.	0.131	N	Part of 3333 Trail On Road which is connected to Montgomery County Water.
J441209130065	65	3333 Trail On Rd.	0.1157	Y	
J441209130066	66	3321 Trail On Rd.	0.0918	Y	
J441209130070	70	3307 Trail On Rd.	0.0884	Y	

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Table 9. Results of Off-Site Well Survey, Area 5, RACER Trust, Moraine, Ohio.

Parcel ID Number	Figure ID No.	Address	Acres	Water Service Provided?	Comments
J441209130292	292	Trail On Rd.	0.0455	N	Part of 3307 Trail On Road which is connected to Montgomery County Water.
J441209130071	71	Trail On Rd.	0.0884	N	Part of 3301 Trail On Road which is connected to Montgomery County Water.
J441209130072	72	Trail On Rd.	0.0833	N	
J441209130073	73	3301 Trail On Rd.	0.0783	Y	
J441209130074	74	3460 Trail On Rd.	0.0884	Y	
J441209130075	75	Trail On Rd.	0.0884	N	Part of 3460 Trail On Road which is connected to Montgomery County Water.
J441209130076	76	Trail On Rd.	0.0884	N	
J441209130080	80	3424 Trail On Rd.	0.1768	Y	
J441209130082	82	Trail On Rd.	0.0884	N	Part of 3412 Trail On Road which is connected to Montgomery County Water.
J441209130083	83	Trail On Rd.	0.0884	N	
J441209130084	84	3412 Trail On Rd.	0.0884	Y	
J441209130088	88	3300 Trail On Rd.	0.0884	Y	
J441209130089	89	3348 Trail On Rd.	0.0884	Y	
J441209130090	90	3348 Trail On Rd.	0.0884	N	Part of 3348 Trail On Road which is connected to Montgomery County Water.
J441209130091	91	3340 Trail On Rd.	0.0916	Y	
J441209130092	92	3332 Trail On Rd.	0.2384	Y	
J441209130095	95	3324 Trail On Rd.	0.1557	Y	
J441209130096	96	3320 Trail On Rd.	0.0948	Y	
J441209130097	97	3320 Trail On Rd.	0.0948	N	Part of 3320 Trail On Road which is connected to Montgomery County Water.
J441209130098	98	Trail On Rd.	0.0911	N	Part of 3312 Trail On Road which is connected to Montgomery County Water.
J441209130099	99	3312 Trail On Rd.	0.0956	Y	
J441209130100	100	4903 Elter Dr.	0.0884	Y	
J441209130101	101	4911 Elter Dr.	0.0884	Y	

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Table 9. Results of Off-Site Well Survey, Area 5, RACER Trust, Moraine, Ohio.

Parcel ID Number	Figure ID No.	Address	Acres	Water Service Provided?	Comments
J441209130102	102	4915 Elter Dr.	0.0884	Y	Address does not exist. Confirmed by drive by.
J441209130103	103	4913 Elter Dr.	0.0884	N	4913 & 4915 Elter Dr. have one structure with address of 4913 Elter. 4913 is connected to Montgomery County Water.
J441209130104	104	4917 Elter Dr.	0.0884	Y	
J441209130105	105	Elter Dr.	0.0884	N	Part of 4917 Elter Dr. which is connected to Montgomery County Water.
J441209130106	106	3461 Cozy Camp Rd.	0.0884	Y	
J441209130107	107	Cozy Camp Rd.	0.0884	N	Part of 3461 Cozy Camp which is connected to Montgomery County Water.
J441209130108	108	Cozy Camp Rd.	0.0884	N	
J441209130109	109	3427 Cozy Camp Rd.	0.0884	Y	
J441209130110	110	3425 Cozy Camp Rd.	0.0884	Y	
J441209130111	111	3425 Cozy Camp Rd.	0.0556	N	Part of 3425 Cozy Camp which is connected to Montgomery County Water.
J441209130112	112	3421 Cozy Camp Rd.	0.0884	Y	
J441209130113	113	3421 Cozy Camp Rd.	0.0884	N	Part of 3421 Cozy Camp which is connected to Montgomery County Water.
J441209130114	114	Cozy Camp Rd.	0.0884	N	Part of 3409 Cozy Camp which is connected to Montgomery County Water.
J441209130115	115	3409 Cozy Camp Rd.	0.0884	Y	
J441209130116	116	Cozy Camp Rd.	0.0884	N	Part of 3409 Cozy Camp which is connected to Montgomery County Water.
J441209130117	117	Cozy Camp Rd.	0.0884	N	Part of 3401 Cozy Camp which is connected to Montgomery County Water.
J441209130118	118	3401 Cozy Camp Rd.	0.0884	Y	
J441209130119	119	Cozy Camp Rd.	0.0884	N	Part of 3401 Cozy Camp which is connected to Montgomery County Water.

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Table 9. Results of Off-Site Well Survey, Area 5, RACER Trust, Moraine, Ohio.

Parcel ID Number	Figure ID No.	Address	Acres	Water Service Provided?	Comments
J441209130120	120	3325 Cozy Camp Rd.	0.0884	Y	
J441209130121	121	3325 Cozy Camp Rd.	0.0884	N	Part of 3325 Cozy Camp which is connected to Montgomery County Water.
J441209130122	122	Cozy Camp Rd.	0.0909	N	Part of 3325 Cozy Camp which is connected to Montgomery County Water.
J441209130123	123	Cozy Camp Rd.	0.0908	N	Part of 3319 Cozy Camp which is connected to Montgomery County Water.
J441209130124	124	3319 Cozy Camp Rd.	0.0908	Y	
J441209130125	125	3315 Cozy Camp Rd.	0.0972	N	Part of 3311 Cozy Camp which is connected to Montgomery County Water.
J441209130126	126	Cozy Camp Rd.	0.0996	N	
J441209130127	127	3311 Cozy Camp Rd.	0.0988	Y	
J441209130128	128	Cozy Camp Rd.	0.0972	N	Part of 3311 Cozy Camp which is connected to Montgomery County Water.
J441209130129	129	Cozy Camp Rd.	0.1045	N	Vacant lot.
J441209130131	131	3444 Cozy Camp Rd.	0.0884	Y	
J441209130132	132	Cozy Camp Rd.	0.0884	N	Part of 3444 Cozy Camp which is connected to Montgomery County Water.
J441209130133	133	3444 Cozy Camp Rd.	0.0884	Y	
J441209130134	134	3428 Cozy Camp Rd.	0.0884	Y	
J441209130135	135	3424 Cozy Camp Rd.	0.0884	Y	
J441209130136	136	Cozy Camp Rd.	0.0884	N	Part of 3422 Cozy Camp which is connected to Montgomery County Water.
J441209130137	137	3422 Cozy Camp Rd.	0.0884	Y	
J441209130138	138	3422 Cozy Camp Rd.	0.0884	N	Part of 3422 Cozy Camp which is connected to Montgomery County Water.
J441209130139	139	3416 Cozy Camp Rd.	0.0884	Y	
J44120913014	14	Sellars Rd.	0	N	City green space.

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Table 9. Results of Off-Site Well Survey, Area 5, RACER Trust, Moraine, Ohio.

Parcel ID Number	Figure ID No.	Address	Acres	Water Service Provided?	Comments
J441209130142	142	3400 Cozy Camp Rd.	0.0884	Y	
J441209130143	143	3400 Cozy Camp Rd.	0.0884	Y	
J441209130144	144	3390 Cozy Camp Rd.	0.1515	Y	
J441209130145	145	Cozy Camp Rd.	0.0253	N	Part of 3332 Cozy Camp which is connected to Montgomery County Water.
J441209130146	146	Cozy Camp Rd.	0.0884	N	Part of 3332 Cozy Camp which is connected to Montgomery County Water.
J441209130147	147	3332 Cozy Camp Rd.	0.0876	Y	
J441209130148	148	3318 Cozy Camp Rd.	0.0884	Y	
J441209130149	149	Cozy Camp Rd.	0.0872	N	Part of 3318 Cozy Camp which is connected to Montgomery County Water.
J441209130150	150	3312 Cozy Camp Rd.	0.0845	N	Part of 3312 Cozy Camp which is connected to Montgomery County Water.
J441209130151	151	3312 Cozy Camp Rd.	0.0826	Y	
J441209130288	288	3310 Cozy Camp Rd.	0.039	N	Part of 3312 Cozy Camp which is connected to Montgomery County Water. May be an addition to existing structure. Appears to be garage or possible mother-in-law suite.
J441209130152	152	3308 Cozy Camp Rd.	0.1951	Y	
J441209130155	155	3300 Cozy Camp Rd.	0	Y	
J441209130156	156	3311 Clearview Dr.	0	Y	
J441209130158	158	Clearview Dr.	0.0863	N	Part of 3317 Clearview which is connected to Montgomery County Water.
J441209130159	159	3317 Clearview Dr.	0.0918	Y	
J441209130160	160	Clearview Dr.	0.0884	N	Part of 3317 Clearview which is connected to Montgomery County Water.
J441209130161	161	3321 Clearview Dr.	0.1313	Y	

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Table 9. Results of Off-Site Well Survey, Area 5, RACER Trust, Moraine, Ohio.

Parcel ID Number	Figure ID No.	Address	Acres	Water Service Provided?	Comments
J441209130162	162	Clearview Dr.	0.0455	N	Part of 3327 Clearview which is connected to Montgomery County Water.
J441209130163	163	3327 Clearview Dr.	0.0884	Y	
J441209130164	164	Clearview Dr.	0.0884	N	Part of 3327 Clearview which is connected to Montgomery County Water.
J441209130165	165	3329 Clearview Dr.	0.0884	Y	Well observed in front yard during drive by. Well log not available.
J441209130166	166	Clearview Dr.	0.0884	N	Part of 3329 Clearview which is connected to Montgomery County Water.
J441209130167	167	Clearview Dr.	0.0884	N	Part of 3327 Clearview which is connected to Montgomery County Water.
J441209130168	168	3417 Clearview Dr.	0.0884	Y	
J441209130169	169	3417 Clearview Dr.	0.0884	N	
J441209130170	170	3421 Clearview Dr.	0.0884	Y	
J441209130171	171	3429 Clearview Dr.	0.0884	Y	
J441209130172	172	Clearview Dr.	0.0884	N	Part of 3429 Clearview which is connected to Montgomery County Water.
J441209130173	173	3443 Clearview Dr.	0.0884	N	Part of 3443 Clearview which is connected to Montgomery County Water.
J441209130174	174	3443 Clearview Dr.	0.0884	Y	
J441209130175	175	Clearview Dr.	0.0884	N	Part of 3453 Clearview which is connected to Montgomery County Water.
J441209130176	176	3453 Clearview Dr.	0.0884	Y	
J441209130177	177	3459 Clearview Dr.	0.0884	N	Address does not exist. Confirmed by drive by. Part of 3461 which is connected to Montgomery County Water.
J441209130178	178	3461 Clearview Dr.	0.0884	Y	
J441209130179	179	3460 Clearview Dr.	0.0884	Y	

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Table 9. Results of Off-Site Well Survey, Area 5, RACER Trust, Moraine, Ohio.

Parcel ID Number	Figure ID No.	Address	Acres	Water Service Provided?	Comments
J441209130180	180	3456 Clearview Dr.	0.0884	Y	
J441209130181	181	No Data	No Data	N	Easement between 3456 & 3440 Clearview Drive - Well present at curb. Properties adjacent to easement have Montgomery County Water service. No well log available.
J441209130182	182	3440 Clearview Dr.	0.0884	Y	
J441209130183	183	3438 Clearview Dr.	0.0884	Y	
J441209130184	184	3436 Clearview Dr.	0.0884	Y	
J441209130185	185	Clearview Dr.	0.0884	N	Part of 3428 Clearview which is connected to Montgomery County Water.
J441209130186	186	3428 Clearview Dr.	0.0884	Y	
J441209130187	187	3420 Clearview Dr.	0.0884	Y	
J441209130188	188	3416 Clearview Dr.	0.0884	Y	
J441209130189	189	Clearview Dr.	0.0884	N	Part of 3416 Clearview which is connected to Montgomery County Water.
J441209130190	190	Clearview Dr.	0.0884	N	
J441209130191	191	3408 Clearview Dr.	0.0884	Y	
J441209130192	192	3408 Clearview Dr.	0.0884	N	Part of 3408 Clearview which is connected to Montgomery County Water.
J441209130193	193	3316 Clearview Dr.	0.0884	Y	
J441209130194	194	Clearview Dr.	0.0884	N	Part of 3316 Clearview which is connected to Montgomery County Water.
J441209130195	195	3308 Clearview Dr.	0.0884	Y	
J441209130196	196	3304 Clearview Dr.	0.0884	Y	
J441209130197	197	3300 Clearview Dr.	0.1591	Y	
J441209130202	202	4801 Miami Shores Dr.	0.0265	N	Part of 4801 Miami Shores Dr. which is connected to Montgomery County Water.
J441209130203	203	4808 Elter Dr.	0.0918	Y	

ARCADIS

Table 9. Results of Off-Site Well Survey, Area 5, RACER Trust, Moraine, Ohio.

Parcel ID Number	Figure ID No.	Address	Acres	Water Service Provided?	Comments
J441209130205	205	4900 Elter Dr.	0.0918	Y	
J441209130303	303	Elter Dr.	0.0689	N	Part of 4900 Elter which is connected to Montgomery County Water.
J441209130206	206	Elter Dr.	0.0918	N	Part of 4908 Elter which is connected to Montgomery County Water.
J441209130207	207	4908 Elter Dr.	0.0918	Y	
J441209130310	310	Elter Dr.	0.1618	N	Adjacent to 4808 Elter. Vacant Land.
J441209130208	208	4920 Elter Dr.	0.0918	Y	
J441209130209	209	Elter Dr.	0.0918	N	Part of 4920 Elter which is connected to Montgomery County Water.
J441209130210	210	Elter Dr.	0.0918	N	
J441209130211	211	5001 Elter Dr.	0.0918	Y	
J441209130212	212	4801 Miami Shores Dr.	0.0918	Y	
J441209130305	305	Miami Shores Dr.	0.0413	N	Part of 4801 Miami Shores Dr. which is connected to Montgomery County Water.
J441209130213	213	4805 Miami Shores Dr.	0.0918	N	Address does not exist. Confirmed by drive by.
J441209130214	214	4809 Miami Shores Dr.	0.0918	Y	
J441209130215	215	1509 Miami Shores Dr.	0.0918	N	Vacant Lot between 4809 & 4813 Miami Shores. No Structure.
J441209130216	216	4813 Miami Shores Dr.	0.0918	Y	
J441209130217	217	4821 Miami Shores Dr.	0.0918	Y	
J441209130218	218	Miami Shores Dr.	0.023	N	Easement
J441209130219	219	Miami Shores Dr.	0.1607	N	Easement
J441209130221	221	5006 Elter Dr.	0	Y	
J441209130222	222	Elter Dr.	0.1064	N	Part of 5006 Elter Dr. which is connected to Montgomery County Water.
J441209130223	223	Elter Dr.	0.1148	N	Part of 5012 Elter Dr. which is connected to Montgomery County Water.

ARCADIS

Table 9. Results of Off-Site Well Survey, Area 5, RACER Trust, Moraine, Ohio.

Parcel ID Number	Figure ID No.	Address	Acres	Water Service Provided?	Comments
J441209130224	224	5012 Elter Dr.	0.1286	Y	
J441209130225	225	5020 Elter Dr.	0.1423	Y	
J441209130228	228	4905 Miami Shores Dr.	0.1106	N	Part of 4905 Miami Shores Dr. which is connected to Montgomery County Water.
J441209130229	229	4905 Miami Shores Dr.	0.1001	Y	
J441209130230	230	4909 Miami Shores Dr.	0.1056	Y	
J441209130231	231	4913 Miami Shores Dr.	0.1188	Y	
J441209130238	238	Clearview	0.1148	N	Part of 3205 Clearview Dr. which is connected to Montgomery County Water.
J441209130239	239	3205 Clearview	0.123	Y	
J441209130241	241	3232 Clearview Dr.	0.101	Y	
J441209130242	242	3230 Clearview Dr.	0.0884	Y	
J441209130243	243	3228 Clearview Dr.	0.1136	N	Address does not exist. Confirmed by drive by.
J441209130244	244	3224 Clearview Dr.	0.101	Y	
J441209130245	245	Clearview Dr.	0.1515	N	Part of 3224 Clearview Dr. which is connected to Montgomery County Water.
J441209130247	247	3212 Clearview Dr.	0.1974	Y	
J441209130277	277	3420 Clearview Dr.	0.0884	Y	
J441209130284	284	3311 Cozy Camp Rd.	0.1896	Y	
J441209130307	307	3408 Trail On Rd.	0.0884	Y	
J44120913031	31	Sellars Rd.	0.078	N	Vacant Land
J44120913032	32	Sellars Rd.	0.0698	N	Vacant Land
J441209130326	326	5024 Elter	0	Y	
J441209130327	327	3207 Clearview Rd.	0	Y	
J441209130328	328	3446 Trail On Rd.	0.1125	Y	
J441209130329	329	3440 Trail On Rd.	0.1515	Y	
J44120913033	33	Sellars Rd.	0.0698	N	Vacant Land
J441209130330	330	4827 Miami Shores Dr.	0.1607	Y	

ARCADIS

Table 9. Results of Off-Site Well Survey, Area 5, RACER Trust, Moraine, Ohio.

Parcel ID Number	Figure ID No.	Address	Acres	Water Service Provided?	Comments
J44120913034	34	Sellars Rd.	0.0698	N	Vacant Land
J44120913035	35	Sellars Rd.	0.0698	N	Vacant Land
J44120913036	36	3336 Sellars Rd.	0.0698	N	Vacant Land
J44120913037	37	3320 Sellars Rd.	0.0698	N	Vacant Land
J44120913038	38	Sellars Rd.	0.0698	N	Vacant Land
J44120913039	39	Sellars Rd.	0.1377	N	Vacant Land
J44120913041	41	Sellars Rd.	0.0689	N	Vacant Land
J44120913042	42	Sellars Rd.	0.0689	N	Vacant Land
J44120913043	43	Sellars Rd.	0.0585	N	Vacant Land
J44120913068	68	3311 Trail On Rd.	0.1338	Y	
No Data	40	No Data	No Data	No Data	Vacant Land
No Data	67	No Data	No Data	No Data	Vacant lot. Between 3321 & 3311 Trail On Road.
No Data	69	No Data	No Data	No Data	Easement or part of 3311 Trail On Road. One structure.
No Data	81	No Data	No Data	No Data	Vacant lot. Between 3412 & 3424 Trail On Road.
No Data	93	No Data	No Data	No Data	Vacant lot. Between 3324 & 3332 Trail On Road.
No Data	94	No Data	No Data	No Data	Vacant lot. Between 3324 & 3332 Trail On Road.
No Data	130	No Data	No Data	No Data	Easement
No Data	140	No Data	No Data		Vacant lot. Between 3408 & 3416 Cozy Camp Road.
No Data	141	3408 Cozy Camp Rd.	0	Y	3408 Cozy Camp Road.
No Data	153	No Data	No Data	No Data	Vacant lot. Between 3300 & 3308 Cozy Camp Road.
No Data	154	No Data	No Data	No Data	Vacant lot. Between 3300 & 3308 Cozy Camp Road.
No Data	157	No Data	No Data	No Data	Vacant lot. Between 3311 & 3317 Clearview Road.

ARCADIS

Table 9. Results of Off-Site Well Survey, Area 5, RACER Trust, Moraine, Ohio.

Parcel ID Number	Figure ID No.	Address	Acres	Water Service Provided?	Comments
No Data	232	No Data	No Data	No Data	Vacant Land
No Data	233	No Data	No Data	No Data	Vacant Land
No Data	234	No Data	No Data	No Data	Vacant Land
No Data	235	No Data	No Data	No Data	Vacant Land
No Data	236	No Data	No Data	No Data	Vacant Land
No Data	237	No Data	No Data	No Data	Vacant Land
No Data	246	No Data	No Data	No Data	Vacant Land
No Data	248	No Data	No Data	No Data	Vacant Land
No Data	249	No Data	No Data	No Data	Vacant Land
No Data	250	No Data	No Data	No Data	Vacant Land
No Data	252	No Data	No Data	No Data	Vacant Land
No Data	253	No Data	No Data	No Data	Vacant Land
No Data	254	No Data	No Data	No Data	Vacant Land
No Data	255	No Data	No Data	No Data	Vacant Land
No Data	256	No Data	No Data	No Data	Vacant Land
No Data	257	No Data	No Data	No Data	Vacant Land
No Data	258	No Data	No Data	No Data	Vacant Land
No Data	259	No Data	No Data	No Data	Vacant Land
No Data	260	No Data	No Data	No Data	Vacant Land
No Data	261	No Data	No Data	No Data	Vacant Land
No Data	262	No Data	No Data	No Data	Vacant Land
No Data	263	No Data	No Data	No Data	Vacant Land
No Data	264	No Data	No Data	No Data	Vacant Land
No Data	265	No Data	No Data	No Data	Vacant Land
No Data	266	No Data	No Data	No Data	Vacant Land
No Data	267	No Data	No Data	No Data	Vacant Land
No Data	268	No Data	No Data	No Data	Vacant Land
No Data	269	No Data	No Data	No Data	Vacant Land
No Data	270	No Data	No Data	No Data	Vacant Land
No Data	271	No Data	No Data	No Data	Vacant Land
No Data	272	No Data	No Data	No Data	Vacant Land
No Data	273	No Data	No Data	No Data	Vacant Land

ARCADIS

Table 9. Results of Off-Site Well Survey, Area 5, RACER Trust, Moraine, Ohio.

Parcel ID Number	Figure ID No.	Address	Acres	Water Service Provided?	Comments
No Data	274	No Data	No Data	No Data	Vacant Land
No Data	275	No Data	No Data	No Data	Vacant Land
No Data	276	No Data	No Data	No Data	Vacant Land
No Data	278	No Data	No Data	No Data	Easement
No Data	279	No Data	No Data	No Data	Vacant Land
No Data	283	No Data	No Data	No Data	Easement
No Data	285	No Data	No Data	No Data	Easement
No Data	287	No Data	No Data	No Data	Vacant lot. Between 3324 & 3332 Trail On Road.
No Data	294	No Data	No Data	No Data	Easement
No Data	298	No Data	No Data	No Data	Easement
No Data	300	No Data	No Data	No Data	Vacant lot. Between 4821 & 4827 Miami Shores Road.
No Data	304	No Data	No Data	No Data	Vacant Land
No Data	311	No Data	No Data	No Data	Vacant Land - Adjacent to 4808 Elter
No Data	312	No Data	No Data	No Data	Vacant Land - Adjacent to 4808 Elter

* Refer to Table 10 for

Parcel IDs, addresses, owners, and acreage found on Montgomery County Auditors web site (www.mcauditor.org).

Water service determination made by calling either Montgomery County Water District or West Carrollton Water District.

Comments made by ARCADIS staff after review of all available information and property drive by.

ARCADIS

Table 10. Area 5 Located and Unlocated Well Logs, RACER Trust, Moraine, Ohio.

Figure ID No.	ODNR Well Log No.	Well Log No.	Year Drilled	Total Depth (ft)	Address	Water Service Provided?	
1AA	351805	B39	1966	72	3321 Trail On Road	Y	No well seen.
1DD	334147	B42	1966	78	3446 Trail On Road	Y	No well seen.
1EE	351802	B43	1966	71	3412 Trail On Road	Y	No well seen.
1HH	334149	B51	1966	69	3311 Clearview Drive	Y	No well seen.
1II	341137	B50	1966	54	3412 Clearview Drive	N	Address does not exist. No structure between 3408 & 3416 Clearview.
Area 5 Known Wells							
1UU	NA	NA	NA	NA	3329 Clearview Dr.	Y	Well found in front yard.
1VV	NA	NA	NA	NA	3456 & 3440 Clearview Dr.	Y	Well found on easement between 3456 & 3440 Clearview Dr.
Area 5 Miami Shores Well Field							
MS #14	14	14	NA	158.5	Miami Shores Well Field	-	Municipal water supply well.
MS #15	15	15	NA	162	Miami Shores Well Field	-	Municipal water supply well.
MS #16	16	16	NA	158	Miami Shores Well Field	-	Municipal water supply well.
MS #17	17	17	NA	145	Miami Shores Well Field	-	Municipal water supply well.
MS#19	420715	52	1973	223	Miami Shores Well Field	-	Well 2, Miami Shores #19

NA = Not available
MS = Miami Shores

WELL LOG AND DRILLING REPORT

ORIGINAL

**PLEASE USE PENCIL
OR TYPEWRITER**

State of Ohio
DEPARTMENT OF NATURAL RESOURCES

No 351805

Division of Water

1562 W. First Avenue
Columbus, Ohio 43212

DO NOT USE INK.

County _____ Township _____ Section of Township _____

Owner _____ Address _____

Location of property _____

CONSTRUCTION DETAILS	BAILING OR PUMPING TEST
Casing diameter _____ Length of casing _____	Pumping Rate _____ G.P.M. Duration of test _____ hrs.
Type of screen _____ Length of screen _____	Drawdown _____ ft. Date _____
Type of pump _____	Static level-depth to water _____ ft.
Capacity of pump _____	Quality (clear, cloudy, taste, odor) _____
Depth of pump setting _____	_____
Date of completion _____	Pump installed by _____

WELL LOG*			SKETCH SHOWING LOCATION
Formations Sandstone, shale, limestone, gravel and clay	From	To	Locate in reference to numbered State Highways, St. Intersections, County roads, etc. <div style="text-align: center; font-size: 2em; font-weight: bold;">N.</div> <div style="display: flex; justify-content: space-between; align-items: center; margin-top: 100px;"> W. E. </div> <div style="text-align: center; margin-top: 100px;"> S. </div> <p style="text-align: center; margin-top: 20px;">See reverse side for instructions</p>
	0 Feet	Ft.	

Drilling Firm _____ Date _____

Address _____ Signed _____

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

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WELL LOG AND DRILLING REPORT

ORIGINAL

PLEASE USE PENCIL
OR TYPEWRITER

State of Ohio
DEPARTMENT OF NATURAL RESOURCES

No 334147

DO NOT USE INK.

Division of Water
1562 W. First Avenue
Columbus, Ohio 43212

County _____ Township _____ Section of Township _____

Owner _____ Address _____

Location of property _____

CONSTRUCTION DETAILS	BAILING OR PUMPING TEST
Casing diameter _____ Length of casing <u>47</u>	Pumping Rate _____ G.P.M. Duration of test _____ hrs.
Type of screen _____ Length of screen _____	Drawdown _____ ft. Date _____
Type of pump _____	Static level-depth to water _____ ft.
Capacity of pump _____	Quality (clear, cloudy, taste, odor) _____
Depth of pump setting _____	_____
Date of completion _____	Pump installed by _____

WELL LOG*			SKETCH SHOWING LOCATION
Formations Sandstone, shale, limestone, gravel and clay	From	To	
	-0 Feet	Ft.	N.
<u>Shale</u>	<u>0</u>	<u>47</u>	<div style="display: flex; justify-content: space-between;"> W. E. </div> <p style="text-align: center;">S.</p> <p style="text-align: center;">See reverse side for instructions</p>
<u>Gravel</u>	<u>50</u>	<u>50</u>	

Drilling Firm _____ Date _____
Address _____ Signed _____

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

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WELL LOG AND DRILLING REPORT

ORIGINAL

PLEASE USE PENCIL
OR TYPEWRITER

State of Ohio
DEPARTMENT OF NATURAL RESOURCES

No 334149

DO NOT USE INK.

Division of Water
1562 W. First Avenue
Columbus, Ohio 43212

County Franklin Township Union Section of Township 1

Owner W. J. ... Address ...

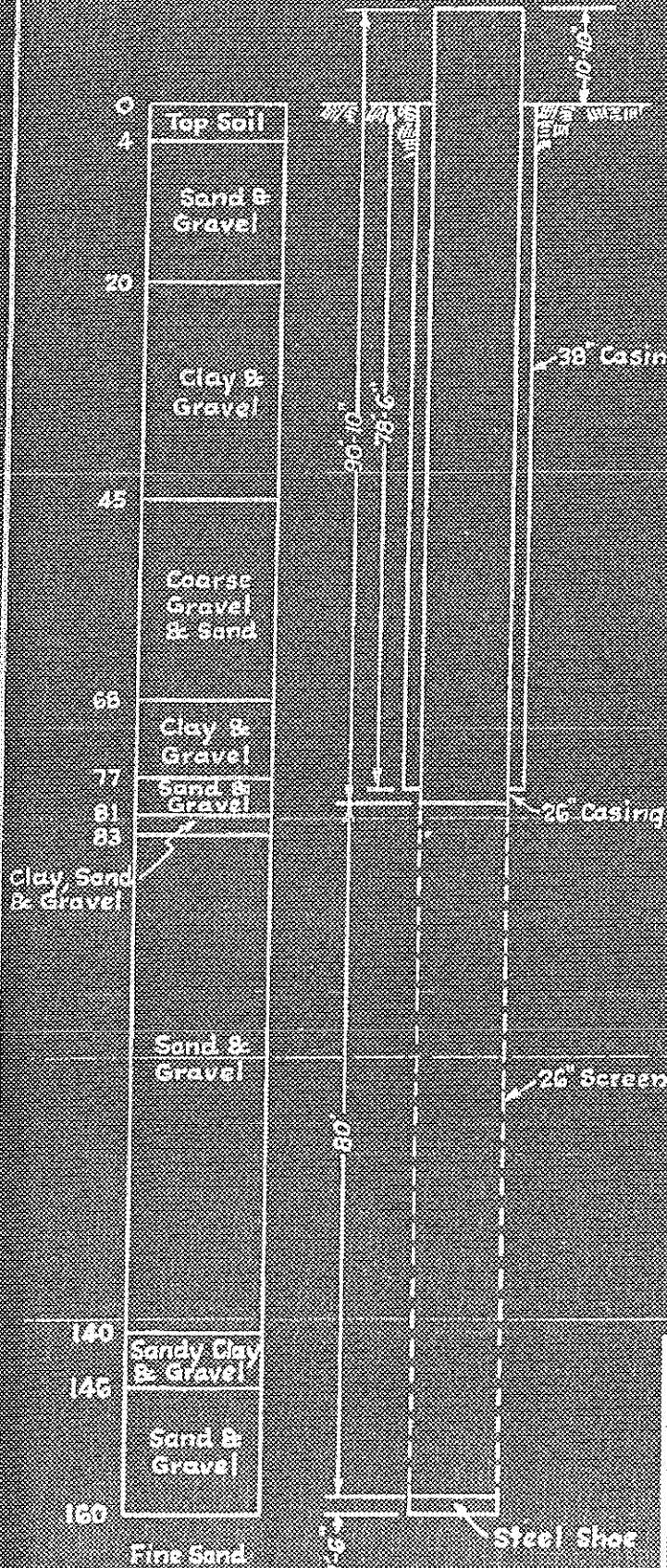
Location of property ...

CONSTRUCTION DETAILS	BAILING OR PUMPING TEST
Casing diameter <u>4</u> Length of casing <u>100</u>	Pumping Rate <u>...</u> G.P.M. Duration of test <u>...</u> hrs.
Type of screen <u>...</u> Length of screen <u>...</u>	Drawdown <u>7</u> ft. Date <u>...</u>
Type of pump <u>...</u>	Static level-depth to water <u>...</u> ft.
Capacity of pump <u>...</u>	Quality (clear, cloudy, taste, odor) <u>...</u>
Depth of pump setting <u>...</u>	Pump installed by <u>...</u>
Date of completion <u>...</u>	

WELL LOG*			SKETCH SHOWING LOCATION
Formations Sandstone, shale, limestone, gravel and clay	From	To	Locate in reference to numbered State Highways, St. Intersections, County roads, etc.
	0 Feet	Ft.	
<u>...</u>			<div style="display: flex; justify-content: space-between;"> N. W. E. </div> <div style="text-align: center; margin-top: 100px;"> </div>
<u>...</u>			
<u>...</u>			
<u>...</u>			
<u>...</u>			
<u>...</u>			
<u>...</u>			
<u>...</u>			
<u>...</u>			
<u>...</u>			

Drilling Firm ... Date ...
Address ... Signed ...

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



MATERIAL:

Pipe: 78'-6" of 38" x 5/16" Casing & 90'-10" of 26" x 5/16" Casing.
 Screen: 80' of 26" Ingot Iron Shutter Screen.
 Cone: 1'-6" of Steel Shoe.

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	3200 G.P.M.	Static Level	8'-9"
Guarantee		P. Level	23'
Started	4-24-59	Pressure	
Finished	5-22-59	Pumped	3200 G.P.M.
Accepted	5-22-59	Depth	160'-1"

REMARKS:

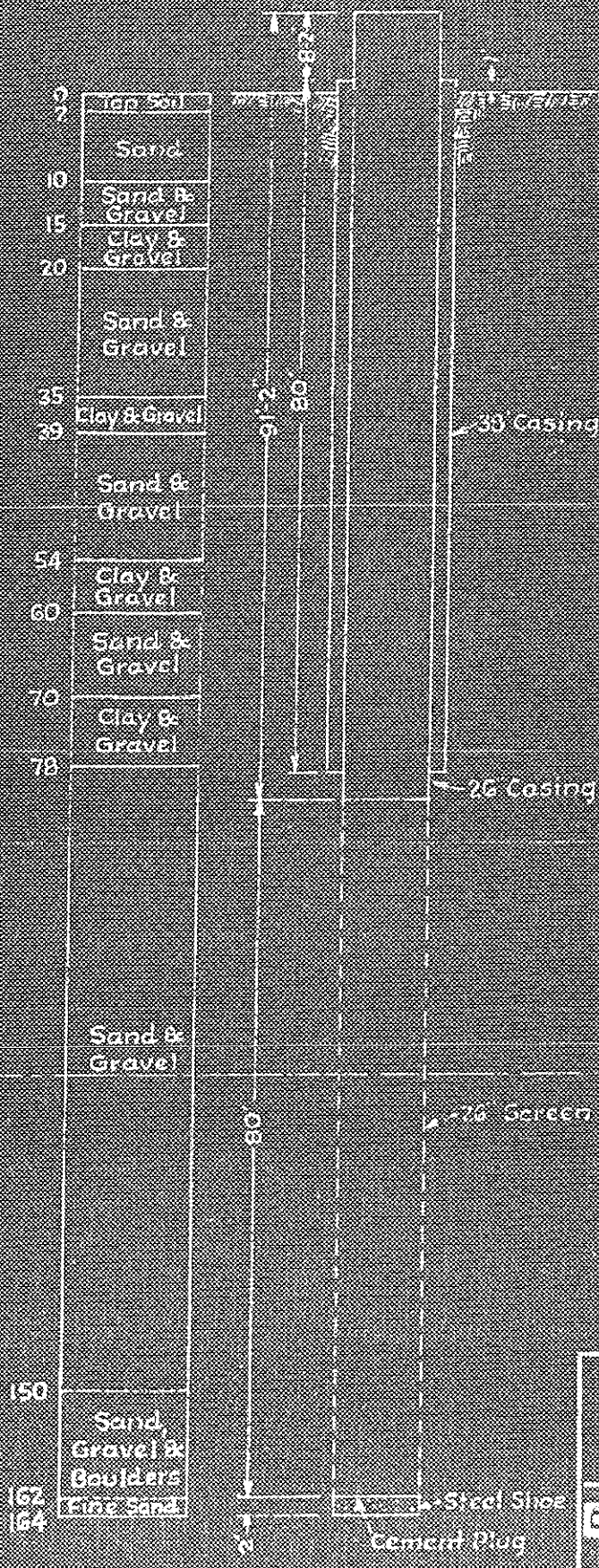
60 Tons of Pea Gravel Used.

Driller: S. Rogers
 Installer:

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

**MONTGOMERY COUNTY
 WATER SYSTEM
 MIAMI SHORE FIELD**

DRAWN BY *D. L. MS* APPROVED BY



MATERIAL
 Pit 80' of 30" Steel Casing & 30' of 26" Steel Casing
 Screen 80' of 26" Steel Shutter Screen
 Cap 26" x 2" Steel Shoe

PUMP
 No. 40729 Serial No. 40729
 Type 7 L.G. Size 14
 Setting 110'
 Section 10' x 10' Long Sides 4
 Discharge 12" Lead
 Tubing 3" Press. B. P.
 Shafting 1 1/2"

MOTOR
 Make U.S. Type C. P. U.
 Volts 440 Cycle 60
 Phase 3 Amp
 H. P. 200 R. P. M. 1800
 Frame 587 R.Y. Serial

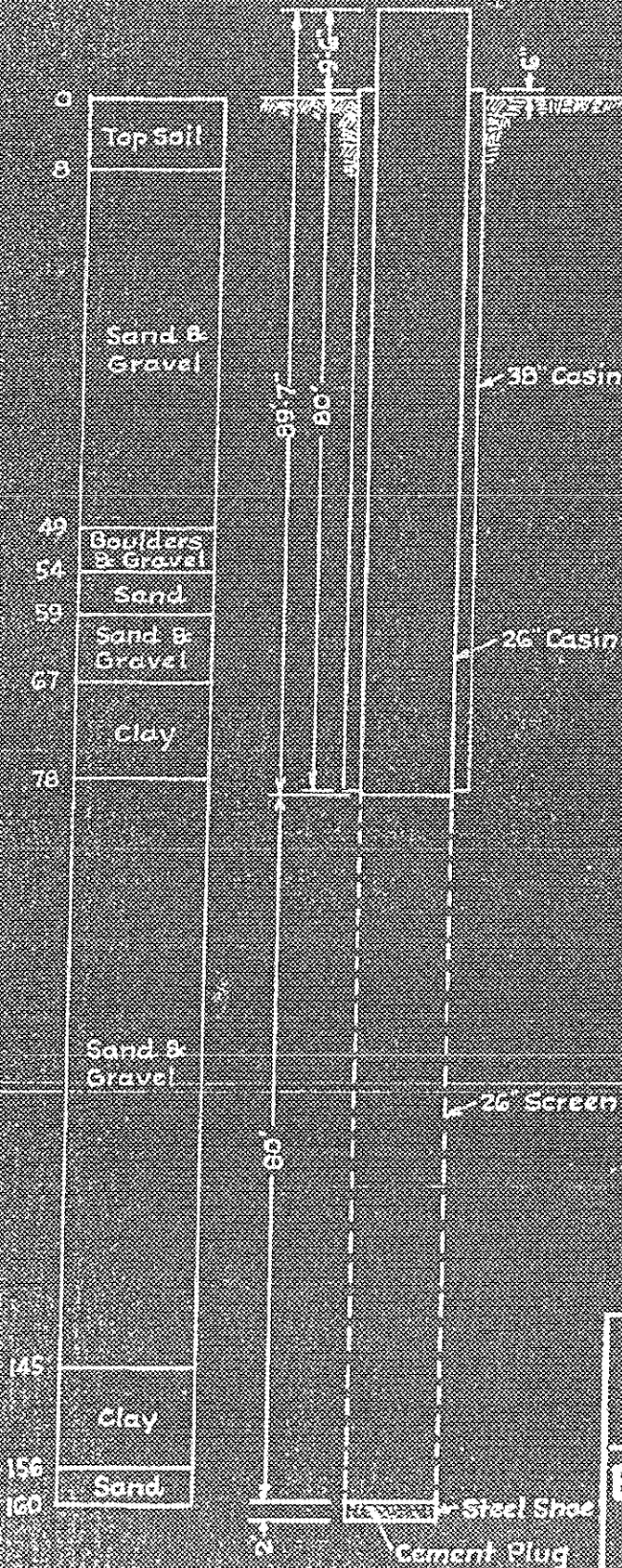
WELL
 Capacity 2700 G.P.M. Static Level 19'
 Guarantee None P. Level 28' 8"
 Started 9-4-59 Pressure
 Finished 9-24-59 Pumped 2700 G.P.M.
 Accepted 9-24-59 Depth 164'

REMARKS
 80 Tons of Red Gravel Used

Driller: Toledo Rogers
 Installer: Elmer Hurles, Jr.

THE LAYNE-OHIO CO.
 1500 N. 10th St. Dayton, Ohio
 1959

BOARD OF COMMISSIONERS
MONTGOMERY, COUNTY
DAYTON, OHIO



MATERIAL:

Pit: 80' of 38" Steel Casing & 89'-7" of 26" Steel Casing.
 Screen: 80' of 26" Steel Shutter Screen.
 Cone: 26" x 2' Steel Shoe.

PUMP:

No.	40728	Shop No.	40728
Type	T.L.C.	Size	14"
Setting	110'	Stages	4
Suction	10" x 10"	Impellers	
Discharge	12"	Head	
Tubing	3"	Press. B. P.	
Shafting	1 1/2"		

MOTOR:

Make	U.S.	Type	C.P.U.
Volts	440	Cycle	60
Phase	3	Amp.	
H. P.	200	R. P. M.	1800
Frame	587 P.Y.	Serial	

WELL:

Capacity		Static Level	30'
Guarantee		P. Level	
Started	9-29-59	Pressure	
Finished	10-15-59	Pumped	
Accepted	10-15-59	Depth	161'-7"

REMARKS:

Driller: Toledo Rogers
 Installer: Elmer Hurles, Jr.

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

BOARD OF COMMISSIONERS
MONTGOMERY, COUNTY
DAYTON, OHIO

DRAWN BY: G. L. M.S.
 WELL NO.: 16
 APPROVED BY: [Signature]
 DRAWING NO.: 1417

MATERIAL:

Pit: 67'-6" of 38" Steel Casing & 72'-6" of 26" Steel Casing.

Screen: 80' of 26" steel Shutter Screen.

Cone: 26" x 2" Steel Shoe.

PUMP:

No.	11543	Shop No.	11543
Type	T. L. C.	Size	12"
Sitting	100'	Stages	4
Suction	10' x 10' Long	Impellers	
Discharge	10"	Head	
Tubing	3"	Press. B. P.	
Shafting	1 5/16"		

MOTOR:

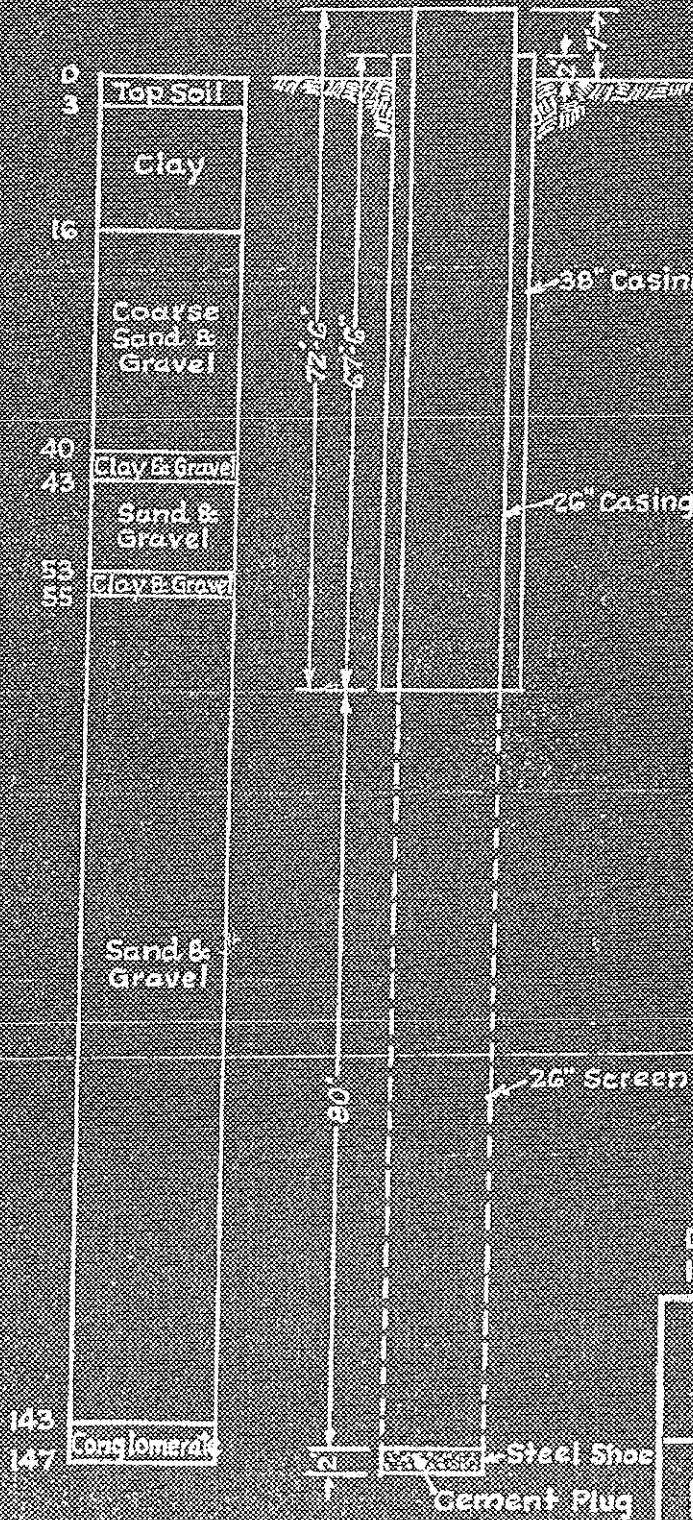
Make	U.S.	Type	C. F. U.
Volts	440	Cycle	60
Phase	3	Amo.	
H. P.	200	R. P. M.	1800
Frame	587 R.Y.	Serial	

WELL:

Capacity	3000 G.P.M.	Static Level	11'
Guarantee	None	P. Level	24'-10"
Started	5-19-61	Pressure	
Finished	6-13-61	Pumped	3000 G.P.M.
Accepted	6-13-61	Depth	125'-6"
			Ground Level

REMARKS:

90 Tons of Pea Gravel Used.

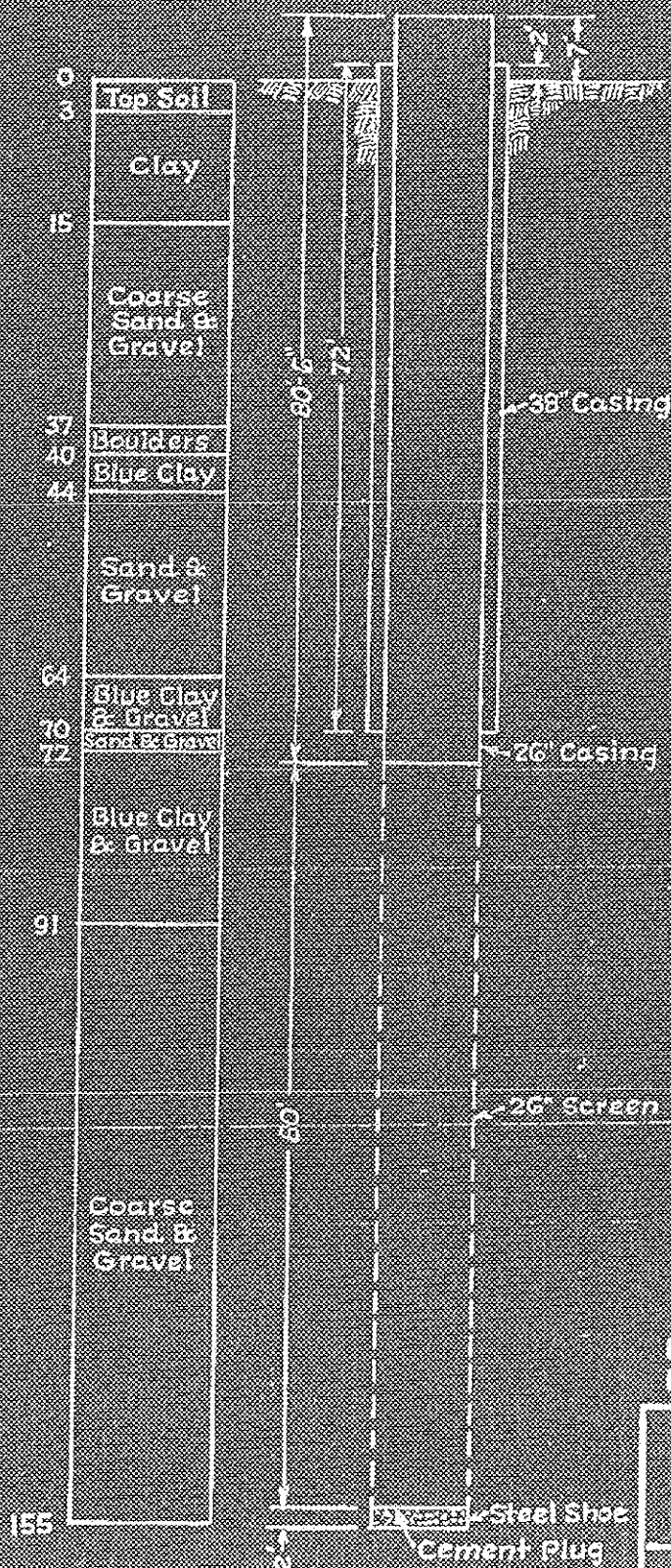


Drillers: Neil Morris
 Installer: Elmer Hurler, Jr.

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

MONTGOMERY COUNTY
 DAYTON, OHIO

DRAWN BY: O. L. MS
 WELL NO: 17
 APPROVED BY:
 DRAWING NO: 1453



MATERIAL:

Fit: 72' of 36" Steel Casing & 80'-6" of 26" Steel Casing.
 Screen: 80' of 26" Steel Shutter Screen.
 Cone: 26" x 2' Steel Shoe.

PUMP:

No.	43448	Shop No.	43448
Type	T.L.C.	Size	14"
Setting	100'	Stages	4
Suction	10" x 10' Long	Impellers	
Discharge	10"	Head	
Tubing	3"	Press. B. P.	
Shafting	1 5/16"		

MOTOR:

Make	U.S.	Type	C. F. U.
Volts	440	Cycle	60
Phase	3	Amp.	
H. P.	200	R. P. M.	1800
Frame	587 P.Y.	Serial	

WELL:

Capacity	2000 G.P.M.	Static Level	11'
Guarantee		P. Level	16'-10"
Started	6-22-61	Pressure	
Finished	8-4-61	Pumped	2000 G.P.M.
Accepted	8-4-61	Depth	153'-6"
		Ground Level	

REMARKS:

146 Tons of Pea Gravel Used.

Driller: Neil Morris
 Installer: Elmer Hurles, Jr.

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

MONTGOMERY COUNTY
DAYTON, OHIO

DRAWN BY: D.L.M.E. APPROVED BY: [Signature]

MOODY'S OF DAYTON, INC.

VANDALIA, OHIO

TURBINE PUMP INSTALLATION FOR:
MONTGOMERY CO.

WELL DESIGNATION NO. #19.

70-C-1634 SERIAL NUMBER
1400 GALLONS PER MINUTE
310' TOTAL HEAD IN FEET
13MG STAGES
1800 MOTOR SPEED
132' FEET OF SETTING
10" SIZE COLUMN FLANGED
3" OIL TUBE
1 7/16" LINE SHAFT
 _____ SUCTION PIPE
150 H.P. 460 VOLT. _____ CURRENT
oil LUBRICATION
130' FEET OF AIRLINE-COPPER
7/5/72. DATE INSTALLED

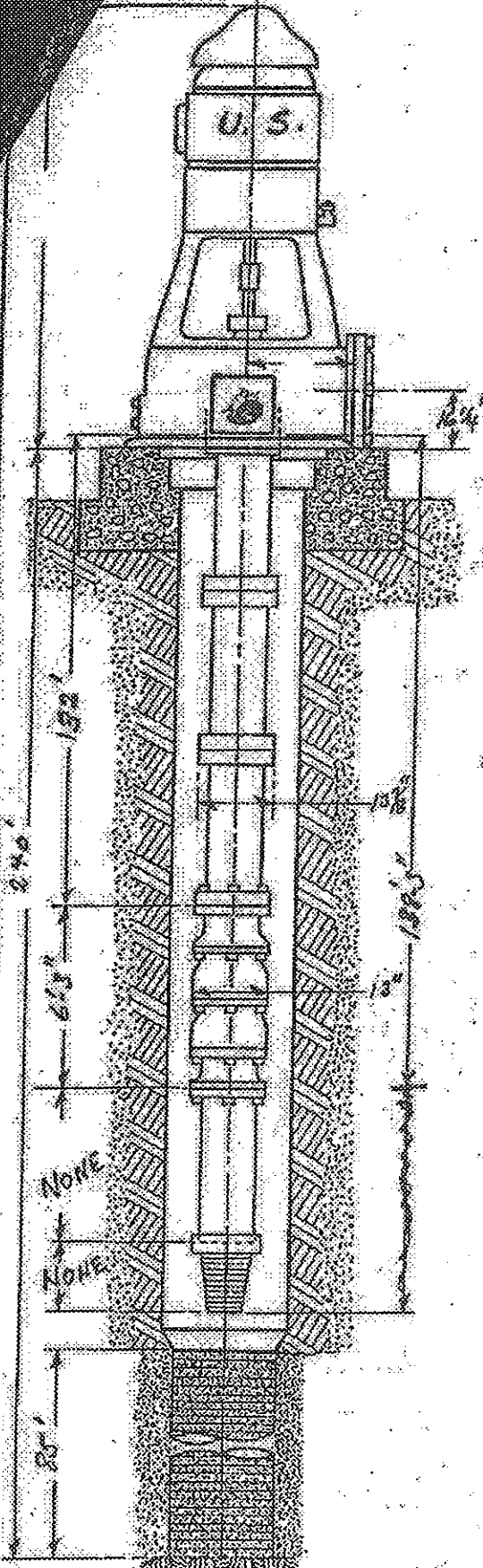
18" O.D. OF WELL
240' FEET DEEP FROM FOUNDATION
22.3' FEET DEEP FROM GRADE
 # 8.5' STRAINER LENGTH - SLOT
55'-6" STATIC LEVEL - DATE 8/16/71.
 _____ " " " " _____
 _____ " " " " _____
8/16/71 DATE DRILLED

PUMP REPAIRED - DATE _____
 " " " " _____
 " " " " _____

WELL ACID TREATED - DATE _____
 " " " " _____

COMMENTS -

* 1/2" NOMINAL SIZE - RED BRASS.
 See letter 7/16/71



July 16, 1971

Ralph Woolpert & Associates
2324 Stanley Ave.
Dayton, Ohio 45404

ATTN: Jim Herman

Subject: Montgomery County
Well # 19

Gentlemen:

The drillers' log on the subject well is as follows:

By Everett Wheeler

0' - 1'	Top soil
1' - 84'	Sand and gravel; medium to large small boulders
84' - 116'	Sand- fine to coarse, medium gravel
116' - 149'	Sand- coarse, gravel- large
149' - 166'	Sand- coarse, gravel- large 50% boulders
166' - 172'	Sand- red, fine to coarse, gravel- small
172' - 202'	Sand- red, coarse, gravel- large
202' - 223'	Sand red, coarse, gravel- large, many boulders
223' - 224'	Clay, yellow
224' - 238'	Shale, blue

For our recent meeting with Rick Bethard from the Cook Well Strainer Company, we have ordered the following screen for the subject well. Cook 12" nominal strainer, red brass material with .1875 bar and .1467 wire complete with lead packer and bail plug. Slot openings will be comprised as follows:

138' - 165'	- 27'	- 100 Slot
165' - 173'	- 8'	- 40 Slot
173' - 175'	- 2'	- 70 Slot
175' - 190'	- 15'	- 100 Slot
190' - 212'	- 22'	- 90 Slot
212' - 223'	- 11'	- 135 Slot