

EAGON & ASSOCIATES, INC.
Consulting Geologists

6877 N. High Street, Suite 302 / Worthington, Ohio 43085 / 614-888-5760

September 26, 1989

Mr. Carlo C. McGinnis
Young, Pryor, Lynn and Jerardi
120 West Third Street
Suite 350
Dayton, OH 45402

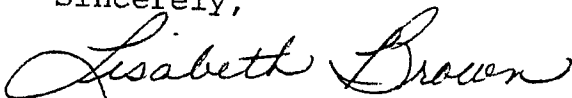
Dear Mr. McGinnis:

Transmitted herewith ^{12"} are the analytical results from the samples collected from the well on your property on August 4, 1989. Concentrations of the various parameters conform with federal primary and secondary drinking water standards, with the exception of iron and manganese. Iron and manganese are commonly high under naturally occurring conditions and are regulated by secondary, or recommended, drinking water standards. The recommended limits are 300 ug/l and 50 ug/l for iron and manganese, respectively. The high iron and manganese in the well water pose no risk to human health and affect only the aesthetic aspects of the water. No priority pollutant volatiles were detected above measurable limits.

The water is acceptable for human consumption, with treatment for removal of iron and manganese, if desired.

Please call if you have any questions.

Sincerely,



Lisabeth Brown
Hydrogeologist

LB/wlc

xc:file
enclosures

Aqua Tech Environmental Consultants, Inc.
P.O. Box 75
Melmore, Ohio 44845

Burgess & Niple, Limited
Volatile Organic Compounds (VOC's)
51 & 8 List by Method 524.2
Date Received: 08/09/89

Atec Sample No.	8165
Client Identification	5856
Sample Date	08/04/89
Time Collected	2:30 PM
Analyst	REB
Date Analyzed	08/10/89

Regulated VOC's:

Benzene	< 1.0
Carbon Tetrachloride	< 0.5
1,2-Dichloroethane	< 0.5
1,1-Dichloroethylene	< 0.5
1,1,1-Trichloroethane	< 0.5
Trichloroethylene	< 0.5
Vinyl Chloride	< 0.5
p-Dichlorobenzene	< 1.0

Unregulated VOC's:

Bromoform	< 1.0	1,3-Dichloropropane	< 1.0
Chlorobenzene	< 1.0	Styrene	< 1.0
Chlorodibromomethane	< 0.5	Chloromethane	< 1.0
Chloroethane	< 1.0	Bromomethane	< 1.0
Chloroform	< 0.5	Bromochloromethane	< 1.0
Dichlorobromomethane	< 0.5	1,2,3-Trichloropropane	< 2.0
Dichlorodifluoromethane	< 1.0	1,2,3-Trichlorobenzene	< 5.0
1,1-Dichloroethane	< 0.5	n-Propyl Benzene	< 2.0
1,2-Dichloropropane	< 1.0	1,1,1,2-Tetrachloroethane	< 0.5
Ethyl Benzene	< 1.0	Tetrachloroethylene	< 0.5
1,1,2,2-Tetrachloroethane	< 1.0	1,3-Dichloropropene	< 1.0
Toluene	< 1.0	sec-Dichloropropane	< 1.0
trans-1,2-Dichloroethylene	< 0.5	1,2,4-Trimethylbenzene	< 2.0
1,1,2-Trichloroethane	< 0.5	n-Butylbenzene	< 2.0
Trichlorofluoromethane	< 1.0	Naphthalene	< 2.0
m-Dichlorobenzene	< 1.0	Hexachlorobutadiene	< 2.0
Methylene Chloride	< 1.0	o-Chlorotoluene	< 1.0
cis-1,2-Dichloroethylene	< 0.5	p-Chlorotoluene	< 1.0
o-Dichlorobenzene	< 1.0	1,3,5-Trimethylbenzene	< 2.0
1,2,4-Trichlorobenzene	< 5.0	p-Isopropyltoluene	< 2.0
Dibromomethane	< 1.0	1,1-Dichloropropene	< 1.0
1,2-Dibromoethane (EDB)	< 2.0	iso-Propylbenzene	< 2.0
1,2-Dibromo-3-Chloropropane	< 1.0	tert-Butylbenzene	< 2.0
m,p-Xylenes	< 2.0	sec-Butylbenzene	< 2.0
o-Xylene	< 1.0	Bromobenzene	< 2.0

All results are reported as ug/l (ppb).

Burgess & Niple, Limited

Engineers and Architects

5085 Reed Road • Columbus, OH 43220 • (614) 459-2050

Columbus Fax: (614) 451-1385



LABORATORY ANALYSIS REPORT

Water Lab Approval #4032
Bacteria Lab Approval #839

Eagon & Associates
6877 North High Street
Worthington, OH 43085

August 25, 1989

ATTN: Mr. Herbert Eagon

PROJECT NUMBER 5338
SAMPLE NUMBER 05856-89
DESCRIPTION McGinnis' well

DATE COLLECTED 08/04/89
DATE RECEIVED 08/04/89
DATE COMPLETED 08/25/89

Conductivity	529 umhos/cm
pH	7.3 S.U.
Alkalinity, CaCO ₃	280 mg/l
Total Dissolved Solids	370 mg/l
Sulfate	39 mg/l
Chloride	7.6 mg/l
Fluoride	0.21 mg/l
Calcium	81000 ug/l
Magnesium	29000 ug/l
Sodium	3.0 mg/l
Arsenic (Graph Furnace)	<5.0 ug/l
Barium	200 ug/l
Cadmium	<5.0 ug/l
Chromium	<50 ug/l
Iron	1800 ug/l
Lead (Graph Furnace)	<2.0 ug/l
Manganese	110 ug/l
Mercury	<0.2 ug/l
Selenium (Graph Furnace)	<5.0 ug/l
Silver	<10 ug/l
Purg. Aromatics SW-8020	Attached
Nitrate	0.16 mg/l

Reviewed by:

Carol Champa



BLESSING PUMP SERVICE

3609 REDWOOD BOULEVARD
SPRINGFIELD, OHIO 45503

322-7890

325-2927

VALLEY SPRING FARM

Well log for 12 inch well.

** Start up static water level 9' 0".

<u>TIME</u>	<u>WATER LEVEL</u>	<u>GPM*</u>
15 min.	14' 6"	300
30 min.	14' 9"	300
1 hr.	17' 6"	615
2 hrs.	19' 5"	615
3 hrs.	20' 4"	615
3 hrs. 50 min.	20' 10"	615
4 hrs. 45 min.	21' 0"	615
4 hrs. 50 min.	16' 3"	300
5 hrs.	16' 3"	300
5 hrs. 2 min.	21' 0"	615
5 hrs. 52 min.	21' 4"	615
6 hrs. 29 min.	21' 5"	615
7 hrs. 20 min.	21' 7"	615
8 hrs.	21' 8"	615

STOPPED PUMPING

30 Sec.	14' 0"
1 min.	13' 1"
2 min.	13' 0"
5 min.	12' 9"
30 min.	11' 11"

--Well test had no effect on artesian well at watering troft.

*Gallons per minute

4-22 89

WELL LOG AND DRILLING REPORT

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

451842

County Greene Township Beavercreek Section of Township _____

Owner Mr. Drummond Gaines Address Cincinnati Pipe Menia, OH

Location of property 1 mile south of Rt. 35 on Valley Rd.

CONSTRUCTION DETAILS

Casing diameter 12" Length of casing 101
Type of screen W.W. Brass Length of screen 10 ft
Type of pump _____
Capacity of pump _____
Depth of pump setting _____
Date of completion 5-3-73

BAILING OR PUMPING TEST (Specify one by circling)

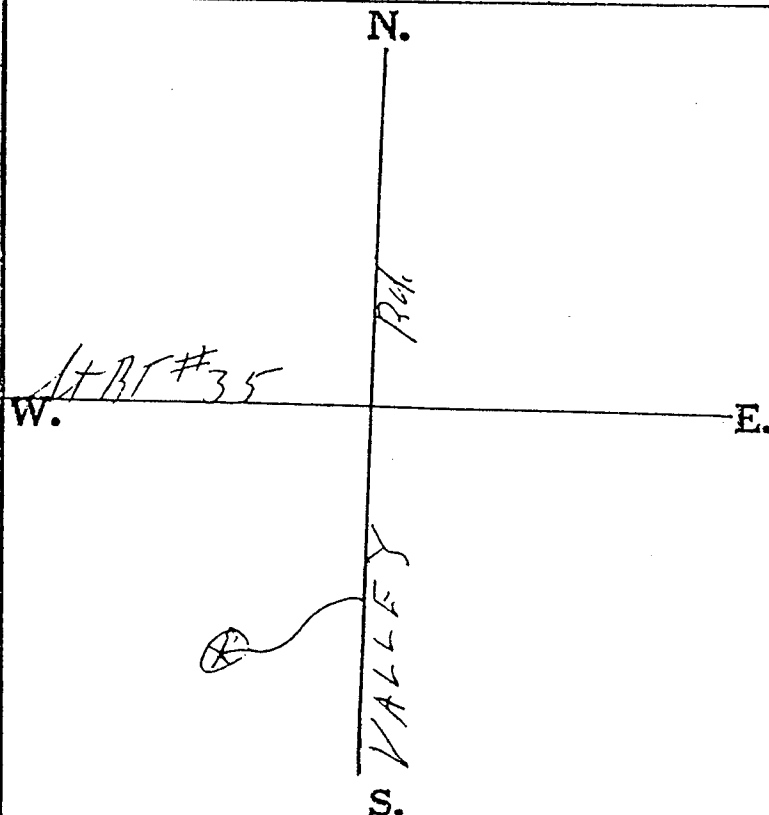
Test Rate 300 G.P.M. Duration of test 12 hrs.
Drawdown 7 ft. Date 5-3-73
Static level-depth to water 4 ft.
Quality (clear, cloudy, taste, odor) clear
Pump installed by none

WELL LOG*

Formations Sandstone, shale, limestone, gravel and clay	From	To
clay	0 Feet	4 Ft.
dry gravel	4	36
hardpan	36	79
water gravel	79	101

SKETCH SHOWING LOCATION

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



Drilling Firm Scott Well & Pump Co.

Address 5850 Brantford Rd. Dayton, OH

Date 5-3-73

Signed W. H. Scott