SUMMIT COUNTY GENERAL HEALTH DISTRICT

1100 Graham Road Circle • Stow, Ohio 44224-2992 • (330) 923-4891 • FAX (330) 923-7558

BOYD T. MARSH, M.A., R.S.
Health Commissioner

EPA Region 5 Records Ctr.
253004

October 2, 1998

Mike Bolas
Division of Emergency and Remedial Response
Ohio EPA
2110 E. Aurora Road.
Twinsburg, Ohio

Dear Mr. Bolas,

On Recently, I spoke with you regarding private water wells which I sampled for metals and voc's on August 18 and 20, 1998. I expressed concern to you regarding the finding of Trichloroethene in two wells at a level of 11 ppb in the well at Non-Responsive and 0.6 ppb at Non-Responsive, both in Coventry Township, Summit County. In all, 11 wells were sampled (see the enclosed map and list for locations).

The reason for the sampling was to see if the operations of Buckley Auto Wrecking, 2977 Manchester Road, Coventry Township, have resulted in ground water contamination. Our involvement with the property began with a complaint from the Coventry Zoning department regarding scrap tires and garbage. The salvage yard is littered with over 20,000 scrap tires and a great deal of solid waste. The site operator, Ernie Buckley, has indicated that they have continually added fill materials to the salvage yard over the years. I suspect that the fill may have may have consisted of car parts, solid waste and possibly hazardous wastes in addition to clean fill materials. The ground is soiled in the junk yard and on a rainy days there appears to be oil and gas slicks throughout the site.

Since then, Mr. Buckley has removed some tires, but overall little progress has been made. And since the sampling Mr. Buckley has been arrested on drug charges. At this point I would like to request the involvement of your office in this matter. Some of the issues that need to be worked out at this point are:

What role, if any, does your division play in this kind of situation?

Is the contamination a result of the operations of Buckley Auto Wrecking?

Buckley's has at least one drilled well on site, but is not connected to a working pump, so we have not been able to sample it.

Should the two homes be resampled for verification?

What advise would you offer in our investigation of this matter?

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Well Samples
August 18 and 20, 1998
Coventry Township
Buckley Auto Wrecking Investigation

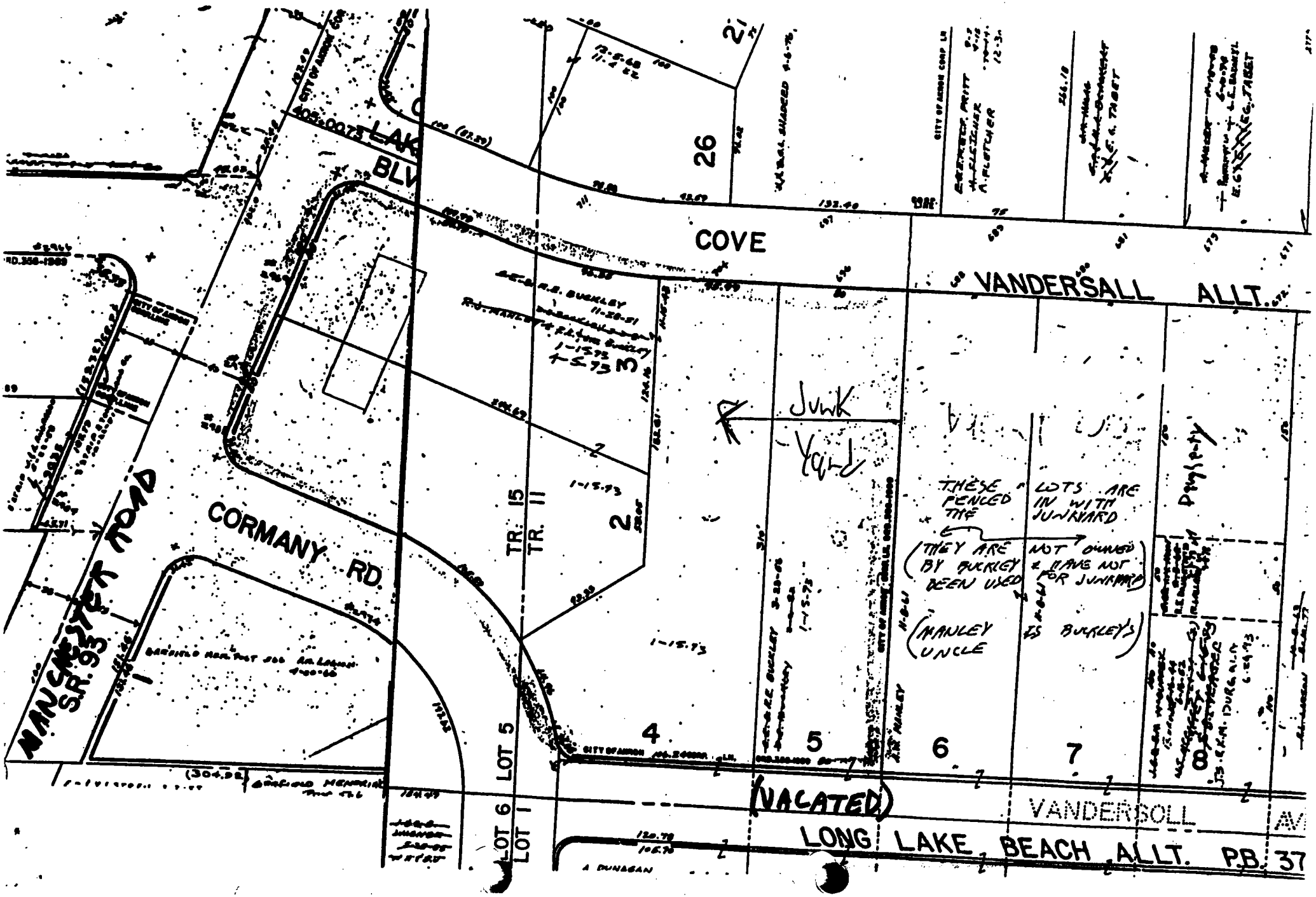
Address	pH	TCE	THM	Ba	Well log found?	Depth of Well
Non-Responsive	6.3				yes	28'
Non-Responsive	6.6				no	35' ?
Non-Responsive	6.1				no	?
Non-Responsive	6.2	0.6 ug/l			no	65' ?
Non-Responsive	6.1	11 ug/l			yes	20'
Non-Responsive	6.2				no	?
Non-Responsive	6.4		3.3ug/l		yes	36'
Non-Responsive	6.2				no	20' ?
Non-Responsive	8.1			730ug/l	yes	120'
Non-Responsive	8.3			100ug/l	no	?
Non-Responsive	6.6				yes	51'

TCE = Trichloroethene, mcl standard is 5 ug/l = 5 ppb.

THM = Total Trihalomethanes, Bromoform 0.7 and Chloroform 2.6. The resident of this address chlorinates their well twice per year. This would explain the presence of the THM's.

Ba = Barium

Well logs were obtained from Summit County Health Department files and from ODNR's Division of Water Resources. When no log was found and a depth estimate provided, the estimate came from the owner/resident of the dwelling.


COVE
VANDERSALL ALLT.
CORMANY RD.
MANCHESTER ROAD
SR. 93
TR. 15
TR. 11
LOT 5
LOT 6
LOT 1
26
3
2
4
5
6
7
8
Junk Yard
THESE LOTS ARE PENCED IN WITH JUNKYARD
(THEY ARE NOT OWNED BY BUCKLEY & HAVE NOT BEEN USED FOR JUNKYARD)
(MANLEY IS BUCKLEY'S UNCLE)
(VACATED)
VANDERSOLL
LONG LAKE BEACH ALLT. P.B. 37

AMERICAN ANALYTICAL LABORATORIES, INC.

Well Samples

American Analytical
Laboratories, Inc.
840 S. Main Street
Akron, Ohio 44311

Phone: (330) 535-1300

Summit County General Health
District
1100 Graham Road Circle
Stow, OH 44224-2992
Attn: Bob Hasenyager
Invoice Number:

Order #: 98-08-264
Date: 09/08/98
Work ID: Drinking Water Analysis
Date Received: 08/20/98
Date Completed: 09/08/98
Client Code: SUMMITCOHEAL

*Analysis performed by Subcontractor

SAMPLE IDENTIFICATION

Sample Number	Sample Description	Sample Number	Sample Description
01	689 Cove, Pressure Tank		

Definitions: BDL - Below Detection Limit
Data Flags: J - Approximate value or below detection limit
B - Analyte also detected in blank
Q - Surrogate diluted out or out of control

Patrick Dunn
Certified By
Laboratory Manager

Sample Description: Non-Responsive Kitchen Lab No: 01A
Test Description: Volatiles Method: EPA 524.2 Test Code: MS_524
Collected: 08/18/98 10:00

PARAMETER	RESULT	DETECTION LIMIT
Benzene	BDL	0.50
Bromobenzene	BDL	0.50
Bromochloromethane	BDL	0.50
Bromodichloromethane	BDL	0.50
Bromoform	BDL	0.50
Bromomethane	BDL	0.50
n-Butylbenzene	BDL	0.50
sec-Butylbenzene	BDL	0.50
tert-Butylbenzene	BDL	0.50
Carbon tetrachloride	BDL	0.50
Chlorobenzene	BDL	0.50
Chloroethane	BDL	0.50
Chloromethane	BDL	0.50
2-Chlorotoluene	BDL	0.50
4-Chlorotoluene	BDL	0.50
Dibromochloromethane	BDL	0.50
Dibromomethane	BDL	0.50
o-Dichlorobenzene	BDL	0.50
m-Dichlorobenzene	BDL	0.50
p-Dichlorobenzene	BDL	0.50
Dichlorodifluoromethane	BDL	0.50
1,1-Dichloroethane	BDL	0.50
1,2-Dichloroethane	BDL	0.50
1,1-Dichloroethene	BDL	0.50
cis-1,2-Dichloroethene	BDL	0.50
trans-1,2-Dichloroethene	BDL	0.50
1,2-Dichloropropane	BDL	0.50
1,3-Dichloropropane	BDL	0.50
2,2-Dichloropropane	BDL	0.50
cis-1,3-Dichloropropene	BDL	0.50
trans-1,3-Dichloropropene	BDL	0.50
Ethylbenzene	BDL	0.50
Hexachlorobutadiene	BDL	0.50
Isopropylbenzene	BDL	0.50
4-Isopropyltoluene	BDL	0.50
Dichloromethane	BDL	0.50
Naphthalene	BDL	0.50
n-Propylbenzene	BDL	0.50
Styrene	BDL	0.50
1,1,1,2-Tetrachloroethane	BDL	0.50
1,1,2,2-Tetrachloroethane	BDL	0.50
Tetrachloroethene	BDL	0.50
Toluene	BDL	0.50

Sample Description: Non-Responsive, Pressure Tank Lab No: 01A
Test Description: Volatiles Method: EPA 524 Test Code: 524SC
Collected: 08/20/98 13:10

Tetrachloroethene	*	< 0.5	0.5
Toluene	*	< 0.5	0.5
1,2,3-Trichlorobenzene	*	< 0.5	0.5
1,2,4-Trichlorobenzene	*	< 0.5	0.5
1,1,1-Trichloroethane	*	< 0.5	0.5
1,1,2-Trichloroethane	*	< 0.5	0.5
Trichloroethene	*	11	0.5
Trichlorofluoromethane	*	< 0.5	0.5
1,2,3-Trichloropropane	*	< 0.5	0.5
1,2,4-Trimethylbenzene	*	< 0.5	0.5
1,3,5-Trimethylbenzene	*	< 0.5	0.5
Vinyl Chloride	*	< 0.5	0.5
Xylenes	*	< 0.5	0.5
Chloroform	*	< 0.5	0.5
1,1-Dichloropropene	*	< 0.5	0.5

Notes and Definitions for this Report:

EXTRACTED
DATE RUN 08/28/98
ANALYST SLC
INSTRUMENT
FILE ID
UNITS ug/L
QC_BATCH

Sample Description: Non-Responsive, Pressure Tank Lab No: 01E
Test Description: PCB Method: EPA 508 Test Code: SOC50P
Collected: 08/20/98 13:10

PARAMETER	RESULT	DETECTION LIMIT
PCB	BDL	0.10

Notes and Definitions for this Report:

EXTRACTED 08/27/98
DATE RUN 09/04/98
INSTRUMENT
UNITS ug/L
QC_BATCH

Antimony
Method: SM 3113

Samp	Sample Description	Result	Units	Detection Limit	Analyzed	By
01B	Non-Responsive [redacted], Kitchen	< 4.0	ug/L	4.0	08/28/98	CS

Arsenic
Method: SM 3113

Samp	Sample Description	Result	Units	Detection Limit	Analyzed	By
01B	Non-Responsive [redacted], Kitchen	< 5.0	ug/L	5.0	08/19/98	CS

Barium
Method: EPA 200.7

Samp	Sample Description	Result	Units	Detection Limit	Analyzed	By
01B	Non-Responsive [redacted], Kitchen	< 100	ug/L	100	08/21/98	CS

Beryllium
Method: SM 3113

Samp	Sample Description	Result	Units	Detection Limit	Analyzed	By
01B	Non-Responsive [redacted], Kitchen	< 1.0	ug/L	1.0	08/28/98	CS

Cadmium
Method: SM 3113

Samp	Sample Description	Result	Units	Detection Limit	Analyzed	By
01B	Non-Responsive [redacted], Kitchen	< 0.50	ug/L	0.50	08/26/98	CS

Chromium
Method: SM 3113

Samp	Sample Description	Result	Units	Detection Limit	Analyzed	By
01B	Non-Responsive [redacted], Kitchen	< 5.0	ug/L	5.0	08/19/98	CS

Lead
Method: SM 3113

Samp	Sample Description	Result	Units	Detection Limit	Analyzed	By
01D	Non-Responsive [redacted], Kitchen	< 5.0	ug/L	5.0	08/21/98	CS

Mercury
Method: EPA 245.2

Samp	Sample Description	Result	Units	Detection Limit	Analyzed	By
01B	Non-Responsive [redacted], Kitchen	< 0.20	ug/L	0.20	08/19/98	CS

Nickel
Method: EPA 200.7

Samp	Sample Description	Result	Units	Detection Limit	Analyzed	By
01B	Non-Responsive, Pressure Tank	< 20	ug/L	20	08/21/98	CS

Selenium
Method: SM 3113

Samp	Sample Description	Result	Units	Detection Limit	Analyzed	By
01B	Non-Responsive Pressure Tank	< 5.0	ug/L	5.0	08/31/98	CS

Thallium
Method: EPA 200.9

Samp	Sample Description	Result	Units	Detection Limit	Analyzed	By
01B	Non-Responsive Pressure Tank	< 1.5	ug/L	1.5	08/24/98	CS

pH
Method: SM 4500 H+

Samp	Sample Description	Result	Units	Detection Limit	Analyzed	By
01C	Non-Responsive, Pressure Tank	6.1	s.u.		08/20/98	RB

Sample Description: Non-Responsive, P. Tank Lab No: 02A
Test Description: Volatiles Method: EPA 524.2 Test Code: MS_524
Collected: 08/18/98 10:20

PARAMETER	RESULT	DETECTION LIMIT
Benzene	BDL	0.50
Bromobenzene	BDL	0.50
Bromochloromethane	BDL	0.50
Bromodichloromethane	BDL	0.50
Bromoform	BDL	0.50
Bromomethane	BDL	0.50
n-Butylbenzene	BDL	0.50
sec-Butylbenzene	BDL	0.50
tert-Butylbenzene	BDL	0.50
Carbon tetrachloride	BDL	0.50
Chlorobenzene	BDL	0.50
Chloroethane	BDL	0.50
Chloromethane	BDL	0.50
2-Chlorotoluene	BDL	0.50
4-Chlorotoluene	BDL	0.50
Dibromochloromethane	BDL	0.50
Dibromomethane	BDL	0.50
o-Dichlorobenzene	BDL	0.50
m-Dichlorobenzene	BDL	0.50
p-Dichlorobenzene	BDL	0.50
Dichlorodifluoromethane	BDL	0.50
1,1-Dichloroethane	BDL	0.50
1,2-Dichloroethane	BDL	0.50
1,1-Dichloroethene	BDL	0.50
cis-1,2-Dichloroethene	BDL	0.50
trans-1,2-Dichloroethene	BDL	0.50
1,2-Dichloropropane	BDL	0.50
1,3-Dichloropropane	BDL	0.50
2,2-Dichloropropane	BDL	0.50
cis-1,3-Dichloropropene	BDL	0.50
trans-1,3-Dichloropropene	BDL	0.50
Ethylbenzene	BDL	0.50
Hexachlorobutadiene	BDL	0.50
Isopropylbenzene	BDL	0.50
4-Isopropyltoluene	BDL	0.50
Dichloromethane	BDL	0.50
Naphthalene	BDL	0.50
n-Propylbenzene	BDL	0.50
Styrene	BDL	0.50
1,1,1,2-Tetrachloroethane	BDL	0.50
1,1,2,2-Tetrachloroethane	BDL	0.50
Tetrachloroethene	BDL	0.50
Toluene	BDL	0.50

Antimony
Method: SM 3113

Samp	Sample Description	Result	Units	Detection Limit	Analyzed	By
02B	Non-Responsive, P. Tank	< 4.0	ug/L	4.0	08/28/98	CS

Arsenic
Method: SM 3113

Samp	Sample Description	Result	Units	Detection Limit	Analyzed	By
02B	Non-Responsive, P. Tank	< 5.0	ug/L	5.0	08/19/98	CS

Barium
Method: EPA 200.7

Samp	Sample Description	Result	Units	Detection Limit	Analyzed	By
02B	Non-Responsive, P. Tank	730	ug/L	100	08/21/98	CS

Beryllium
Method: SM 3113

Samp	Sample Description	Result	Units	Detection Limit	Analyzed	By
02B	Non-Responsive, P. Tank	< 1.0	ug/L	1.0	08/28/98	CS

Cadmium
Method: SM 3113

Samp	Sample Description	Result	Units	Detection Limit	Analyzed	By
02B	Non-Responsive, P. Tank	< 0.50	ug/L	0.50	08/26/98	CS

Chromium
Method: SM 3113

Samp	Sample Description	Result	Units	Detection Limit	Analyzed	By
02B	Non-Responsive, P. Tank	< 5.0	ug/L	5.0	08/19/98	CS

Lead
Method: SM 3113

Samp	Sample Description	Result	Units	Detection Limit	Analyzed	By
02D	Non-Responsive, P. Tank	< 5.0	ug/L	5.0	08/21/98	CS

Mercury
Method: EPA 245.2

Samp	Sample Description	Result	Units	Detection Limit	Analyzed	By
02B	Non-Responsive, P. Tank	< 0.20	ug/L	0.20	08/21/98	CS

Sample Description: Non-Responsive 3 B. Sink Lab No: 03A
Test Description: Volatiles Method: EPA 524.2 Test Code: MS_524
Collected: 08/18/98 10:45

PARAMETER	RESULT	DETECTION LIMIT
Benzene	BDL	0.50
Bromobenzene	BDL	0.50
Bromochloromethane	BDL	0.50
Bromodichloromethane	BDL	0.50
Bromoform	BDL	0.50
Bromomethane	BDL	0.50
n-Butylbenzene	BDL	0.50
sec-Butylbenzene	BDL	0.50
tert-Butylbenzene	BDL	0.50
Carbon tetrachloride	BDL	0.50
Chlorobenzene	BDL	0.50
Chloroethane	BDL	0.50
Chloromethane	BDL	0.50
2-Chlorotoluene	BDL	0.50
4-Chlorotoluene	BDL	0.50
Dibromochloromethane	BDL	0.50
Dibromomethane	BDL	0.50
o-Dichlorobenzene	BDL	0.50
m-Dichlorobenzene	BDL	0.50
p-Dichlorobenzene	BDL	0.50
Dichlorodifluoromethane	BDL	0.50
1,1-Dichloroethane	BDL	0.50
1,2-Dichloroethane	BDL	0.50
1,1-Dichloroethene	BDL	0.50
cis-1,2-Dichloroethene	BDL	0.50
trans-1,2-Dichloroethene	BDL	0.50
1,2-Dichloropropane	BDL	0.50
1,3-Dichloropropane	BDL	0.50
2,2-Dichloropropane	BDL	0.50
cis-1,3-Dichloropropene	BDL	0.50
trans-1,3-Dichloropropene	BDL	0.50
Ethylbenzene	BDL	0.50
Hexachlorobutadiene	BDL	0.50
Isopropylbenzene	BDL	0.50
4-Isopropyltoluene	BDL	0.50
Dichloromethane	BDL	0.50
Naphthalene	BDL	0.50
n-Propylbenzene	BDL	0.50
Styrene	BDL	0.50
1,1,1,2-Tetrachloroethane	BDL	0.50
1,1,2,2-Tetrachloroethane	BDL	0.50
Tetrachloroethene	BDL	0.50
Toluene	BDL	0.50

Antimony
Method: SM 3113

Samp	Sample Description	Result	Units	Detection Limit	Analyzed	By
03B	Non-Responsive [redacted], 3 B. Sink	< 4.0	ug/L	4.0	08/28/98	CS

Arsenic
Method: SM 3113

Samp	Sample Description	Result	Units	Detection Limit	Analyzed	By
03B	Non-Responsive [redacted], 3 B. Sink	< 5.0	ug/L	5.0	08/19/98	CS

Barium
Method: EPA 200.7

Samp	Sample Description	Result	Units	Detection Limit	Analyzed	By
03B	Non-Responsive [redacted], 3 B. Sink	100	ug/L	100	08/21/98	CS

Beryllium
Method: SM 3113

Samp	Sample Description	Result	Units	Detection Limit	Analyzed	By
03B	Non-Responsive [redacted], 3 B. Sink	< 1.0	ug/L	1.0	08/28/98	CS

Cadmium
Method: SM 3113

Samp	Sample Description	Result	Units	Detection Limit	Analyzed	By
03B	Non-Responsive [redacted], 3 B. Sink	< 0.50	ug/L	0.50	08/26/98	CS

Chromium
Method: SM 3113

Samp	Sample Description	Result	Units	Detection Limit	Analyzed	By
03B	Non-Responsive [redacted], 3 B. Sink	< 5.0	ug/L	5.0	08/19/98	CS

Lead
Method: SM 3113

Samp	Sample Description	Result	Units	Detection Limit	Analyzed	By
03D	Non-Responsive [redacted], 3 B. Sink	< 5.0	ug/L	5.0	08/21/98	CS

Mercury
Method: EPA 245.2

Samp	Sample Description	Result	Units	Detection Limit	Analyzed	By
03B	Non-Responsive [redacted], 3 B. Sink	< 0.20	ug/L	0.20	08/21/98	CS

Sample Description: Non-Responsive P. Tank Lab No: 04A
Test Description: Volatiles Method: EPA 524.2 Test Code: MS_524
Collected: 08/18/98 11:10

PARAMETER	RESULT	DETECTION LIMIT
Benzene	BDL	0.50
Bromobenzene	BDL	0.50
Bromochloromethane	BDL	0.50
Bromodichloromethane	BDL	0.50
Bromoform	BDL	0.50
Bromomethane	BDL	0.50
n-Butylbenzene	BDL	0.50
sec-Butylbenzene	BDL	0.50
tert-Butylbenzene	BDL	0.50
Carbon tetrachloride	BDL	0.50
Chlorobenzene	BDL	0.50
Chloroethane	BDL	0.50
Chloromethane	BDL	0.50
2-Chlorotoluene	BDL	0.50
4-Chlorotoluene	BDL	0.50
Dibromochloromethane	BDL	0.50
Dibromomethane	BDL	0.50
o-Dichlorobenzene	BDL	0.50
m-Dichlorobenzene	BDL	0.50
p-Dichlorobenzene	BDL	0.50
Dichlorodifluoromethane	BDL	0.50
1,1-Dichloroethane	BDL	0.50
1,2-Dichloroethane	BDL	0.50
1,1-Dichloroethene	BDL	0.50
cis-1,2-Dichloroethene	BDL	0.50
trans-1,2-Dichloroethene	BDL	0.50
1,2-Dichloropropane	BDL	0.50
1,3-Dichloropropane	BDL	0.50
2,2-Dichloropropane	BDL	0.50
cis-1,3-Dichloropropene	BDL	0.50
trans-1,3-Dichloropropene	BDL	0.50
Ethylbenzene	BDL	0.50
Hexachlorobutadiene	BDL	0.50
Isopropylbenzene	BDL	0.50
4-Isopropyltoluene	BDL	0.50
Dichloromethane	BDL	0.50
Naphthalene	BDL	0.50
n-Propylbenzene	BDL	0.50
Styrene	BDL	0.50
1,1,1,2-Tetrachloroethane	BDL	0.50
1,1,2,2-Tetrachloroethane	BDL	0.50
Tetrachloroethene	BDL	0.50
Toluene	BDL	0.50

Antimony
Method: SM 3113

Samp	Sample Description	Result	Units	Detection Limit	Analyzed	By
04B	Non-Responsive P. Tank	< 4.0	ug/L	4.0	08/28/98	CS

Arsenic
Method: SM 3113

Samp	Sample Description	Result	Units	Detection Limit	Analyzed	By
04B	Non-Responsive P. Tank	< 5.0	ug/L	5.0	08/19/98	CS

Barium
Method: EPA 200.7

Samp	Sample Description	Result	Units	Detection Limit	Analyzed	By
04B	Non-Responsive P. Tank	< 100	ug/L	100	08/21/98	CS

Beryllium
Method: SM 3113

Samp	Sample Description	Result	Units	Detection Limit	Analyzed	By
04B	Non-Responsive P. Tank	< 1.0	ug/L	1.0	08/28/98	CS

Cadmium
Method: SM 3113

Samp	Sample Description	Result	Units	Detection Limit	Analyzed	By
04B	Non-Responsive P. Tank	< 0.50	ug/L	0.50	08/26/98	CS

Chromium
Method: SM 3113

Samp	Sample Description	Result	Units	Detection Limit	Analyzed	By
04B	Non-Responsive P. Tank	< 5.0	ug/L	5.0	08/19/98	CS

Lead
Method: SM 3113

Samp	Sample Description	Result	Units	Detection Limit	Analyzed	By
04D	Non-Responsive P. Tank	< 5.0	ug/L	5.0	08/21/98	CS

Mercury
Method: EPA 245.2

Samp	Sample Description	Result	Units	Detection Limit	Analyzed	By
04B	Non-Responsive P. Tank	< 0.20	ug/L	0.20	08/21/98	CS

Sample Description: Non-Responsive Pressure Tank Lab No: 05A
Test Description: Volatiles Method: EPA 524.2 Test Code: MS_524
Collected: 08/18/98 11:20

PARAMETER	RESULT	DETECTION LIMIT
Benzene	BDL	0.50
Bromobenzene	BDL	0.50
Bromochloromethane	BDL	0.50
Bromodichloromethane	BDL	0.50
Bromoform	BDL	0.50
Bromomethane	BDL	0.50
n-Butylbenzene	BDL	0.50
sec-Butylbenzene	BDL	0.50
tert-Butylbenzene	BDL	0.50
Carbon tetrachloride	BDL	0.50
Chlorobenzene	BDL	0.50
Chloroethane	BDL	0.50
Chloromethane	BDL	0.50
2-Chlorotoluene	BDL	0.50
4-Chlorotoluene	BDL	0.50
Dibromochloromethane	BDL	0.50
Dibromomethane	BDL	0.50
o-Dichlorobenzene	BDL	0.50
m-Dichlorobenzene	BDL	0.50
p-Dichlorobenzene	BDL	0.50
Dichlorodifluoromethane	BDL	0.50
1,1-Dichloroethane	BDL	0.50
1,2-Dichloroethane	BDL	0.50
1,1-Dichloroethene	BDL	0.50
cis-1,2-Dichloroethene	BDL	0.50
trans-1,2-Dichloroethene	BDL	0.50
1,2-Dichloropropane	BDL	0.50
1,3-Dichloropropane	BDL	0.50
2,2-Dichloropropane	BDL	0.50
cis-1,3-Dichloropropene	BDL	0.50
trans-1,3-Dichloropropene	BDL	0.50
Ethylbenzene	BDL	0.50
Hexachlorobutadiene	BDL	0.50
Isopropylbenzene	BDL	0.50
4-Isopropyltoluene	BDL	0.50
Dichloromethane	BDL	0.50
Naphthalene	BDL	0.50
n-Propylbenzene	BDL	0.50
Styrene	BDL	0.50
1,1,1,2-Tetrachloroethane	BDL	0.50
1,1,2,2-Tetrachloroethane	BDL	0.50
Tetrachloroethene	BDL	0.50
Toluene	BDL	0.50

Antimony
Method: SM 3113

Samp	Sample Description	Result	Units	Detection Limit	Analyzed	By
05B	Non-Responsive, Pressure Tank	< 4.0	ug/L	4.0	08/28/98	CS

Arsenic
Method: SM 3113

Samp	Sample Description	Result	Units	Detection Limit	Analyzed	By
05B	Non-Responsive, Pressure Tank	< 5.0	ug/L	5.0	08/19/98	CS

Barium
Method: EPA 200.7

Samp	Sample Description	Result	Units	Detection Limit	Analyzed	By
05B	Non-Responsiv, Pressure Tank	< 100	ug/L	100	08/21/98	CS

Beryllium
Method: SM 3113

Samp	Sample Description	Result	Units	Detection Limit	Analyzed	By
05B	Non-Responsiv, Pressure Tank	< 1.0	ug/L	1.0	08/28/98	CS

Cadmium
Method: SM 3113

Samp	Sample Description	Result	Units	Detection Limit	Analyzed	By
05B	Non-Responsive, Pressure Tank	< 0.50	ug/L	0.50	08/26/98	CS

Chromium
Method: SM 3113

Samp	Sample Description	Result	Units	Detection Limit	Analyzed	By
05B	Non-Responsive, Pressure Tank	< 5.0	ug/L	5.0	08/19/98	CS

Lead
Method: SM 3113

Samp	Sample Description	Result	Units	Detection Limit	Analyzed	By
05D	Non-Responsive, Pressure Tank	< 5.0	ug/L	5.0	08/21/98	CS

Mercury
Method: EPA 245.2

Samp	Sample Description	Result	Units	Detection Limit	Analyzed	By
05B	Non-Responsiv, Pressure Tank	< 0.20	ug/L	0.20	08/19/98	CS

Sample Description: Non-Responsive, Outside Tap Lab No: 06A
Test Description: Volatiles Method: EPA 524 Test Code: 524SC
Collected: 08/18/98 11:50

PARAMETER	RESULT	DETECTION LIMIT
Benzene	* < 0.5	0.5
Bromobenzene	* < 0.5	0.5
Bromochloromethane	* < 0.5	0.5
Bromodichloromethane	* < 0.5	0.5
Bromoform	* < 0.5	0.5
Bromomethane	* < 0.5	0.5
n-Butylbenzene	* < 0.5	0.5
sec-Butylbenzene	* < 0.5	0.5
tert-Butylbenzene	* < 0.5	0.5
Carbon tetrachloride	* < 0.5	0.5
Chlorobenzene	* < 0.5	0.5
Chloroethane	* < 0.5	0.5
Chloromethane	* < 0.5	0.5
2-Chlorotoluene	* < 0.5	0.5
4-Chlorotoluene	* < 0.5	0.5
Dibromochloromethane	* < 0.5	0.5
1,2-Dibromo-3-Chloropropane	* < 0.5	0.5
1,2-Dibromoethane	* < 0.5	0.5
Dibromomethane	* < 0.5	0.5
1,2-Dichlorobenzene	* < 0.5	0.5
1,3-Dichlorobenzene	* < 0.5	0.5
1,4-Dichlorobenzene	* < 0.5	0.5
Dichlorodifluoromethane	* < 0.5	0.5
1,1-Dichloroethane	* < 0.5	0.5
1,2-Dichloroethane	* < 0.5	0.5
1,1-Dichloroethene	* < 0.5	0.5
cis-1,2-Dichloroethene	* < 0.5	0.5
trans-1,2-Dichloroethene	* < 0.5	0.5
1,2-Dichloropropane	* < 0.5	0.5
1,3-Dichloropropane	* < 0.5	0.5
2,2-Dichloropropane	* < 0.5	0.5
cis-1,3-Dichloropropene	* < 0.5	0.5
trans-1,3-Dichloropropene	* < 0.5	0.5
Ethylbenzene	* < 0.5	0.5
Hexachlorobutadiene	* < 0.5	0.5
Isopropylbenzene	* < 0.5	0.5
4-Isopropyltoluene	* < 0.5	0.5
Methylene chloride	* < 0.5	0.5
Naphthalene	* < 0.5	0.5
n-Propylbenzene	* < 0.5	0.5
Styrene	* < 0.5	0.5
1,1,1,2-Tetrachloroethane	* < 0.5	0.5
1,1,2,2-Tetrachloroethane	* < 0.5	0.5

Antimony
Method: SM 3113

Samp	Sample Description	Result	Units	Detection Limit	Analyzed	By
06B	Non-Responsive, Outside Tap	< 4.0	ug/L	4.0	08/28/98	CS

Arsenic
Method: SM 3113

Samp	Sample Description	Result	Units	Detection Limit	Analyzed	By
06B	Non-Responsive, Outside Tap	< 5.0	ug/L	5.0	08/19/98	CS

Barium
Method: EPA 200.7

Samp	Sample Description	Result	Units	Detection Limit	Analyzed	By
06B	Non-Responsive, Outside Tap	< 100	ug/L	100	08/21/98	CS

Beryllium
Method: SM 3113

Samp	Sample Description	Result	Units	Detection Limit	Analyzed	By
06B	Non-Responsive, Outside Tap	< 1.0	ug/L	1.0	08/28/98	CS

Cadmium
Method: SM 3113

Samp	Sample Description	Result	Units	Detection Limit	Analyzed	By
06B	Non-Responsive, Outside Tap	< 0.50	ug/L	0.50	08/26/98	CS

Chromium
Method: SM 3113

Samp	Sample Description	Result	Units	Detection Limit	Analyzed	By
06B	Non-Responsive, Outside Tap	< 5.0	ug/L	5.0	08/19/98	CS

Lead
Method: SM 3113

Samp	Sample Description	Result	Units	Detection Limit	Analyzed	By
06D	Non-Responsiv, Outside Tap	< 5.0	ug/L	5.0	08/21/98	CS

Mercury
Method: EPA 245.2

Samp	Sample Description	Result	Units	Detection Limit	Analyzed	By
06B	Non-Responsiv, Outside Tap	< 0.20	ug/L	0.20	08/19/98	CS

Sample Description: Non-Responsiv, Outside Tap Lab No: 07A
Test Description: Volatiles Method: EPA 524 Test Code: 524SC
Collected: 08/18/98 12:20

PARAMETER	RESULT	DETECTION LIMIT
Benzene	* < 0.5	0.5
Bromobenzene	* < 0.5	0.5
Bromochloromethane	* < 0.5	0.5
Bromodichloromethane	* < 0.5	0.5
Bromoform	* < 0.5	0.5
Bromomethane	* < 0.5	0.5
n-Butylbenzene	* < 0.5	0.5
sec-Butylbenzene	* < 0.5	0.5
tert-Butylbenzene	* < 0.5	0.5
Carbon tetrachloride	* < 0.5	0.5
Chlorobenzene	* < 0.5	0.5
Chloroethane	* < 0.5	0.5
Chloromethane	* < 0.5	0.5
2-Chlorotoluene	* < 0.5	0.5
4-Chlorotoluene	* < 0.5	0.5
Dibromochloromethane	* < 0.5	0.5
1,2-Dibromo-3-Chloropropane	* < 0.5	0.5
1,2-Dibromoethane	* < 0.5	0.5
Dibromomethane	* < 0.5	0.5
1,2-Dichlorobenzene	* < 0.5	0.5
1,3-Dichlorobenzene	* < 0.5	0.5
1,4-Dichlorobenzene	* < 0.5	0.5
Dichlorodifluoromethane	* < 0.5	0.5
1,1-Dichloroethane	* < 0.5	0.5
1,2-Dichloroethane	* < 0.5	0.5
1,1-Dichloroethene	* < 0.5	0.5
cis-1,2-Dichloroethene	* < 0.5	0.5
trans-1,2-Dichloroethene	* < 0.5	0.5
1,2-Dichloropropane	* < 0.5	0.5
1,3-Dichloropropane	* < 0.5	0.5
2,2-Dichloropropane	* < 0.5	0.5
cis-1,3-Dichloropropene	* < 0.5	0.5
trans-1,3-Dichloropropene	* < 0.5	0.5
Ethylbenzene	* < 0.5	0.5
Hexachlorobutadiene	* < 0.5	0.5
Isopropylbenzene	* < 0.5	0.5
4-Isopropyltoluene	* < 0.5	0.5
Methylene chloride	* < 0.5	0.5
Naphthalene	* < 0.5	0.5
n-Propylbenzene	* < 0.5	0.5
Styrene	* < 0.5	0.5
1,1,1,2-Tetrachloroethane	* < 0.5	0.5
1,1,2,2-Tetrachloroethane	* < 0.5	0.5

Antimony
Method: SM 3113

Samp	Sample Description	Result	Units	Detection Limit	Analyzed	By
07B	Non-Responsive, Outside Tap	< 4.0	ug/L	4.0	08/28/98	CS

Arsenic
Method: SM 3113

Samp	Sample Description	Result	Units	Detection Limit	Analyzed	By
07B	Non-Responsive, Outside Tap	< 5.0	ug/L	5.0	08/19/98	CS

Barium
Method: EPA 200.7

Samp	Sample Description	Result	Units	Detection Limit	Analyzed	By
07B	Non-Responsive, Outside Tap	< 100	ug/L	100	08/21/98	CS

Beryllium
Method: SM 3113

Samp	Sample Description	Result	Units	Detection Limit	Analyzed	By
07B	Non-Responsive, Outside Tap	< 1.0	ug/L	1.0	08/28/98	CS

Cadmium
Method: SM 3113

Samp	Sample Description	Result	Units	Detection Limit	Analyzed	By
07B	Non-Responsive, Outside Tap	< 0.50	ug/L	0.50	08/26/98	CS

Chromium
Method: SM 3113

Samp	Sample Description	Result	Units	Detection Limit	Analyzed	By
07B	Non-Responsiv, Outside Tap	< 5.0	ug/L	5.0	08/19/98	CS

Lead
Method: SM 3113

Samp	Sample Description	Result	Units	Detection Limit	Analyzed	By
07D	Non-Responsive, Outside Tap	< 5.0	ug/L	5.0	08/21/98	CS

Mercury
Method: EPA 245.2

Samp	Sample Description	Result	Units	Detection Limit	Analyzed	By
07B	Non-Responsive, Outside Tap	< 0.20	ug/L	0.20	08/21/98	CS

Sample Description: Non-Responsive [redacted], Kitchen Lab No: 08A
Test Description: Volatiles Method: EPA 524 Test Code: 524SC
Collected: 08/18/98 13:40

PARAMETER	RESULT	DETECTION LIMIT
Benzene	* < 0.5	0.5
Bromobenzene	* < 0.5	0.5
Bromochloromethane	* < 0.5	0.5
Bromodichloromethane	* < 0.5	0.5
Bromoform	* < 0.5	0.5
Bromomethane	* < 0.5	0.5
n-Butylbenzene	* < 0.5	0.5
sec-Butylbenzene	* < 0.5	0.5
tert-Butylbenzene	* < 0.5	0.5
Carbon tetrachloride	* < 0.5	0.5
Chlorobenzene	* < 0.5	0.5
Chloroethane	* < 0.5	0.5
Chloromethane	* < 0.5	0.5
2-Chlorotoluene	* < 0.5	0.5
4-Chlorotoluene	* < 0.5	0.5
Dibromochloromethane	* < 0.5	0.5
1,2-Dibromo-3-Chloropropane	* < 0.5	0.5
1,2-Dibromoethane	* < 0.5	0.5
Dibromomethane	* < 0.5	0.5
1,2-Dichlorobenzene	* < 0.5	0.5
1,3-Dichlorobenzene	* < 0.5	0.5
1,4-Dichlorobenzene	* < 0.5	0.5
Dichlorodifluoromethane	* < 0.5	0.5
1,1-Dichloroethane	* < 0.5	0.5
1,2-Dichloroethane	* < 0.5	0.5
1,1-Dichloroethene	* < 0.5	0.5
cis-1,2-Dichloroethene	* < 0.5	0.5
trans-1,2-Dichloroethene	* < 0.5	0.5
1,2-Dichloropropane	* < 0.5	0.5
1,3-Dichloropropane	* < 0.5	0.5
2,2-Dichloropropane	* < 0.5	0.5
cis-1,3-Dichloropropene	* < 0.5	0.5
trans-1,3-Dichloropropene	* < 0.5	0.5
Ethylbenzene	* < 0.5	0.5
Hexachlorobutadiene	* < 0.5	0.5
Isopropylbenzene	* < 0.5	0.5
4-Isopropyltoluene	* < 0.5	0.5
Methylene chloride	* < 0.5	0.5
Naphthalene	* < 0.5	0.5
n-Propylbenzene	* < 0.5	0.5
Styrene	* < 0.5	0.5
1,1,1,2-Tetrachloroethane	* < 0.5	0.5
1,1,2,2-Tetrachloroethane	* < 0.5	0.5

Antimony
Method: SM 3113

Samp	Sample Description	Result	Units	Detection Limit	Analyzed	By
08B	Non-Responsive Kitchen	< 4.0	ug/L	4.0	08/28/98	CS

Arsenic
Method: SM 3113

Samp	Sample Description	Result	Units	Detection Limit	Analyzed	By
08B	Non-Responsive, Kitchen	< 5.0	ug/L	5.0	08/19/98	CS

Barium
Method: EPA 200.7

Samp	Sample Description	Result	Units	Detection Limit	Analyzed	By
08B	Non-Responsive Kitchen	< 100	ug/L	100	08/21/98	CS

Beryllium
Method: SM 3113

Samp	Sample Description	Result	Units	Detection Limit	Analyzed	By
08B	Non-Responsive Kitchen	< 1.0	ug/L	1.0	08/28/98	CS

Cadmium
Method: SM 3113

Samp	Sample Description	Result	Units	Detection Limit	Analyzed	By
08B	Non-Responsive, Kitchen	< 0.50	ug/L	0.50	08/26/98	CS

Chromium
Method: SM 3113

Samp	Sample Description	Result	Units	Detection Limit	Analyzed	By
08B	Non-Responsive, Kitchen	< 5.0	ug/L	5.0	08/19/98	CS

Lead
Method: SM 3113

Samp	Sample Description	Result	Units	Detection Limit	Analyzed	By
08D	Non-Responsive, Kitchen	< 5.0	ug/L	5.0	08/21/98	CS

Mercury
Method: EPA 245.2

Samp	Sample Description	Result	Units	Detection Limit	Analyzed	By
08B	Non-Responsive Kitchen	< 0.20	ug/L	0.20	08/21/98	CS

Sample Description: Non-Responsive Outside Tap Lab No: 09A
Test Description: Volatiles Method: EPA 524 Test Code: 524SC
Collected: 08/18/98 14:15

PARAMETER	RESULT	DETECTION LIMIT
Benzene	* < 0.5	0.5
Bromobenzene	* < 0.5	0.5
Bromochloromethane	* < 0.5	0.5
Bromodichloromethane	* < 0.5	0.5
Bromoform	* < 0.5	0.5
Bromomethane	* < 0.5	0.5
n-Butylbenzene	* < 0.5	0.5
sec-Butylbenzene	* < 0.5	0.5
tert-Butylbenzene	* < 0.5	0.5
Carbon tetrachloride	* < 0.5	0.5
Chlorobenzene	* < 0.5	0.5
Chloroethane	* < 0.5	0.5
Chloromethane	* < 0.5	0.5
2-Chlorotoluene	* < 0.5	0.5
4-Chlorotoluene	* < 0.5	0.5
Dibromochloromethane	* < 0.5	0.5
1,2-Dibromo-3-Chloropropane	* < 0.5	0.5
1,2-Dibromoethane	* < 0.5	0.5
Dibromomethane	* < 0.5	0.5
1,2-Dichlorobenzene	* < 0.5	0.5
1,3-Dichlorobenzene	* < 0.5	0.5
1,4-Dichlorobenzene	* < 0.5	0.5
Dichlorodifluoromethane	* < 0.5	0.5
1,1-Dichloroethane	* < 0.5	0.5
1,2-Dichloroethane	* < 0.5	0.5
1,1-Dichloroethene	* < 0.5	0.5
cis-1,2-Dichloroethene	* < 0.5	0.5
trans-1,2-Dichloroethene	* < 0.5	0.5
1,2-Dichloropropane	* < 0.5	0.5
1,3-Dichloropropane	* < 0.5	0.5
2,2-Dichloropropane	* < 0.5	0.5
cis-1,3-Dichloropropene	* < 0.5	0.5
trans-1,3-Dichloropropene	* < 0.5	0.5
Ethylbenzene	* < 0.5	0.5
Hexachlorobutadiene	* < 0.5	0.5
Isopropylbenzene	* < 0.5	0.5
4-Isopropyltoluene	* < 0.5	0.5
Methylene chloride	* < 0.5	0.5
Naphthalene	* < 0.5	0.5
n-Propylbenzene	* < 0.5	0.5
Styrene	* < 0.5	0.5
1,1,1,2-Tetrachloroethane	* < 0.5	0.5
1,1,2,2-Tetrachloroethane	* < 0.5	0.5

Antimony
Method: SM 3113

Samp	Sample Description	Result	Units	Detection Limit	Analyzed	By
09B	Non-Responsive Outside Tap	< 4.0	ug/L	4.0	08/28/98	CS

Arsenic
Method: SM 3113

Samp	Sample Description	Result	Units	Detection Limit	Analyzed	By
09B	Non-Responsive Outside Tap	< 5.0	ug/L	5.0	08/19/98	CS

Barium
Method: EPA 200.7

Samp	Sample Description	Result	Units	Detection Limit	Analyzed	By
09B	Non-Responsiv Outside Tap	< 100	ug/L	100	08/21/98	CS

Beryllium
Method: SM 3113

Samp	Sample Description	Result	Units	Detection Limit	Analyzed	By
09B	Non-Responsive Outside Tap	< 1.0	ug/L	1.0	08/28/98	CS

Cadmium
Method: SM 3113

Samp	Sample Description	Result	Units	Detection Limit	Analyzed	By
09B	Non-Responsive Outside Tap	< 0.50	ug/L	0.50	08/26/98	CS

Chromium
Method: SM 3113

Samp	Sample Description	Result	Units	Detection Limit	Analyzed	By
09B	Non-Responsive Outside Tap	< 5.0	ug/L	5.0	08/19/98	CS

Lead
Method: SM 3113

Samp	Sample Description	Result	Units	Detection Limit	Analyzed	By
09D	Non-Responsive Outside Tap	< 5.0	ug/L	5.0	08/21/98	CS

Mercury
Method: EPA 245.2

Samp	Sample Description	Result	Units	Detection Limit	Analyzed	By
09B	Non-Responsive Outside Tap	< 0.20	ug/L	0.20	08/21/98	CS

Sample Description: Non-Responsive P. Tank Lab No: 10A
Test Description: Volatiles Method: EPA 524 Test Code: 524SC
Collected: 08/18/98 14:00

PARAMETER	RESULT	DETECTION LIMIT
Benzene	< 0.5	0.5
Bromobenzene	< 0.5	0.5
Bromochloromethane	< 0.5	0.5
Bromodichloromethane	< 0.5	0.5
Bromoform	0.7	0.5
Bromomethane	< 0.5	0.5
n-Butylbenzene	< 0.5	0.5
sec-Butylbenzene	< 0.5	0.5
tert-Butylbenzene	< 0.5	0.5
Carbon tetrachloride	< 0.5	0.5
Chlorobenzene	< 0.5	0.5
Chloroethane	< 0.5	0.5
Chloromethane	< 0.5	0.5
2-Chlorotoluene	< 0.5	0.5
4-Chlorotoluene	< 0.5	0.5
Dibromochloromethane	< 0.5	0.5
1,2-Dibromo-3-Chloropropane	< 0.5	0.5
1,2-Dibromoethane	< 0.5	0.5
Dibromomethane	< 0.5	0.5
1,2-Dichlorobenzene	< 0.5	0.5
1,3-Dichlorobenzene	< 0.5	0.5
1,4-Dichlorobenzene	< 0.5	0.5
Dichlorodifluoromethane	< 0.5	0.5
1,1-Dichloroethane	< 0.5	0.5
1,2-Dichloroethane	< 0.5	0.5
1,1-Dichloroethene	< 0.5	0.5
cis-1,2-Dichloroethene	< 0.5	0.5
trans-1,2-Dichloroethene	< 0.5	0.5
1,2-Dichloropropane	< 0.5	0.5
1,3-Dichloropropane	< 0.5	0.5
2,2-Dichloropropane	< 0.5	0.5
cis-1,3-Dichloropropene	< 0.5	0.5
trans-1,3-Dichloropropene	< 0.5	0.5
Ethylbenzene	< 0.5	0.5
Hexachlorobutadiene	< 0.5	0.5
Isopropylbenzene	< 0.5	0.5
4-Isopropyltoluene	< 0.5	0.5
Methylene chloride	< 0.5	0.5
Naphthalene	< 0.5	0.5
n-Propylbenzene	< 0.5	0.5
Styrene	< 0.5	0.5
1,1,1,2-Tetrachloroethane	< 0.5	0.5
1,1,2,2-Tetrachloroethane	< 0.5	0.5

Antimony
Method: SM 3113

Samp	Sample Description	Result	Units	Detection Limit	Analyzed	By
10B	Non-Responsive P. Tank	< 4.0	ug/L	4.0	08/28/98	CS

Arsenic
Method: SM 3113

Samp	Sample Description	Result	Units	Detection Limit	Analyzed	By
10B	Non-Responsive P. Tank	< 5.0	ug/L	5.0	08/19/98	CS

Barium
Method: EPA 200.7

Samp	Sample Description	Result	Units	Detection Limit	Analyzed	By
10B	Non-Responsive P. Tank	< 100	ug/L	100	08/21/98	CS

Beryllium
Method: SM 3113

Samp	Sample Description	Result	Units	Detection Limit	Analyzed	By
10B	Non-Responsive P. Tank	< 1.0	ug/L	1.0	08/28/98	CS

Cadmium
Method: SM 3113

Samp	Sample Description	Result	Units	Detection Limit	Analyzed	By
10B	Non-Responsive P. Tank	< 0.50	ug/L	0.50	08/26/98	CS

Chromium
Method: SM 3113

Samp	Sample Description	Result	Units	Detection Limit	Analyzed	By
10B	Non-Responsive P. Tank	< 5.0	ug/L	5.0	08/19/98	CS

Lead
Method: SM 3113

Samp	Sample Description	Result	Units	Detection Limit	Analyzed	By
10D	Non-Responsive P. Tank	< 5.0	ug/L	5.0	08/21/98	CS

Mercury
Method: EPA 245.2

Samp	Sample Description	Result	Units	Detection Limit	Analyzed	By
10B	Non-Responsive P. Tank	< 0.20	ug/L	0.20	08/19/98	CS

Sample Description: Trip Blank
Test Description: Volatiles
Collected: 06/18/98

Lab No: 11A
Method: EPA 524.2 Test Code: MS_524

PARAMETER	RESULT	DETECTION LIMIT
Benzene	BDL	0.50
Bromobenzene	BDL	0.50
Bromochloromethane	BDL	0.50
Bromodichloromethane	BDL	0.50
Bromoform	BDL	0.50
Bromomethane	BDL	0.50
n-Butylbenzene	BDL	0.50
sec-Butylbenzene	BDL	0.50
tert-Butylbenzene	BDL	0.50
Carbon tetrachloride	BDL	0.50
Chlorobenzene	BDL	0.50
Chloroethane	BDL	0.50
Chloromethane	BDL	0.50
2-Chlorotoluene	BDL	0.50
4-Chlorotoluene	BDL	0.50
Dibromochloromethane	BDL	0.50
Dibromomethane	BDL	0.50
o-Dichlorobenzene	BDL	0.50
m-Dichlorobenzene	BDL	0.50
p-Dichlorobenzene	BDL	0.50
Dichlorodifluoromethane	BDL	0.50
1,1-Dichloroethane	BDL	0.50
1,2-Dichloroethane	BDL	0.50
1,1-Dichloroethene	BDL	0.50
cis-1,2-Dichloroethene	BDL	0.50
trans-1,2-Dichloroethene	BDL	0.50
1,2-Dichloropropane	BDL	0.50
1,3-Dichloropropane	BDL	0.50
2,2-Dichloropropane	BDL	0.50
cis-1,3-Dichloropropene	BDL	0.50
trans-1,3-Dichloropropene	BDL	0.50
Ethylbenzene	BDL	0.50
Hexachlorobutadiene	BDL	0.50
Isopropylbenzene	BDL	0.50
4-Isopropyltoluene	BDL	0.50
Dichloromethane	J 0.42	0.50
Naphthalene	BDL	0.50
n-Propylbenzene	BDL	0.50
Styrene	BDL	0.50
1,1,1,2-Tetrachloroethane	BDL	0.50
1,1,2,2-Tetrachloroethane	BDL	0.50
Tetrachloroethene	BDL	0.50
Toluene	BDL	0.50
1,2,3-Trichlorobenzene	BDL	0.50
1,2,4-Trichlorobenzene	BDL	0.50
1,1,1-Trichloroethane	BDL	0.50

REPORT COMMENTS

An adjustment of the analytical data for compound Methylene Cloride has been made for samples 90-08-227-02,-03,-04,-05. These analytes were present in the Trip Blank provided with the samples. The adjustment was made by subtracting the analytical value for the field blank from the analytical result of the sample. Based on this adjustment, these analytes are reported as BDL.

The EPA 508 batch of samples were spiked with pesticides rather than PCB's, therefore spike results could not be calculated. Surrogate results were within normal limits for the method.

SUMMIT COUNTY HEALTH DEPARTMENT

2025 SECOND ST., CUYAHOGA FALLS, OHIO

REPORT AND LOG OF DRILLED WELL

Non-Responsive [redacted]

Owner... Owner's Mail Address [redacted] Akron 19

Non-Responsive [redacted]

Location of Well:.. Country

Number—Street or Road Township or Village

Total Depth of Well 51 Size and Length of Casing 4 in. 30 ft.

Static Level 28 Volume Produced per minute 16 Draw Down 2 Length of Test 2

Well Drilled by H. W. Fowler Date June 27 1962

Address of Driller 981 Beaver St Akron 19 Ohio

LOG OF WELL

0 To 20 sand & gravel

20 " 51 sandstone

Street or Highway

Non-Responsive [redacted]

well

Unit in a subdivision well

NOTE:

Regulations require, under penalty of law, to file this well log report.

Mail this original log to the Summit County Health Department within ten days after the completion of the drilling of the well.

Give accurate description and depths of various formations encountered.

Use accurate means for measuring quantity of water produced during test. Show on the sketch above the distances of the well to the nearest sources of contamination, such as, sewer lines, septic tanks, leaching devices, privies, manure piles, etc.

Do not drill well at any location not sufficiently removed from sources of contamination.

Consult the Health Department regarding location in questionable cases.

L. E. PUGH
WELL DRILLING & PUMP CO.

№ 1653

OFFICE
310 KILLIAN RD.
MI. 4-9996
AKRON 19, OHIO

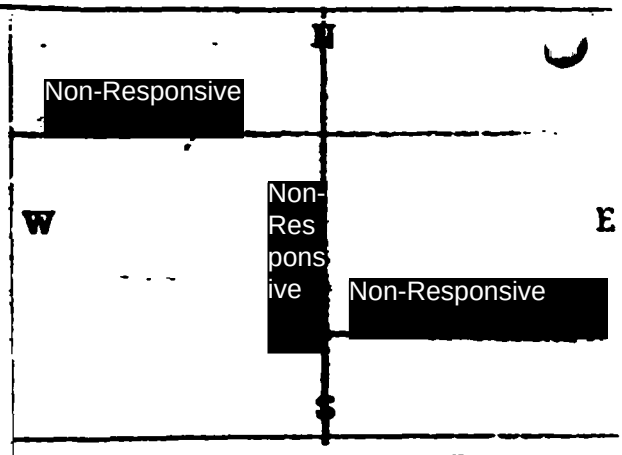
RESIDENCE
4380 COTTAGE GROVE RD.
TY. 6-1213
UNIONTOWN, OHIO

County Summit Township Coventry Section of Township

Owner Non-Responsive [redacted] Address Non-Responsive [redacted]

Location of property Non-Responsive [redacted]

CONSTRUCTION DETAILS	BAILING OR PUMPING TEST
Casing diameter 4" Length of casing 12'	Pumping rate 8 G.P.M. Duration of test 1 hrs.
Type of screen Length of screen	Drawdown 16' ft. Date 9-8-58
	Static Level 1'



FORMATION	From	To
Sand & Clay	0 Feet	11'
Sand & Rock	11'	20'

DATE 7-6-58 Driller W. Wright

WELL LOG AND DRILLING REPORT

State of Ohio
DEPARTMENT OF NATURAL RESOURCES
Division of Water
1939 Fountain Square Drive
Columbus, Ohio 43224

686246

TYPE OR USE PEN
SELF-TRANSCRIBING
PRESS HARD!

Permit Number 81402

COUNTY Summit TOWNSHIP Coventry SECTION OF TOWNSHIP

OWNER Non-Responsive [redacted] PROPERTY ADDRESS Non-Responsive [redacted]

LOCATION OF PROPERTY Non-Responsive [redacted]

CONSTRUCTION DETAILS

CASING
Casing Diameter 5" in. Length of Casing 60 ft.
Type: ☐ Steel ☐ Galv. ☒ PVC ☐ Other
Joints: ☐ Threaded ☐ Welded ☐ Solvent ☐ Other

SCREEN
Type (wire wrapped, louvered, etc.) none Material
Length ft. Diameter in.
Set between ft. and ft. Slot

GROUT
Material Bentonite Volume used 150 Sol
Method of installation Pressure
Depth: placed from 0 ft. to 60 ft.
☒ Rotary ☐ Cable ☐ Augered ☐ Driven ☐ Dug ☐ Other

BAILING OR PUMPING TEST
(specify one by circling)

WELL TEST
Test rate 15 gpm Duration of test 1 hrs.
Drawdown (water level during pumping) 30 ft.
Measured from: ☐ top of casing ☒ ground level ☐ Other
Static Level (depth to water) 15 ft. Date:
Quality (clear, cloudy, taste, odor) Clear

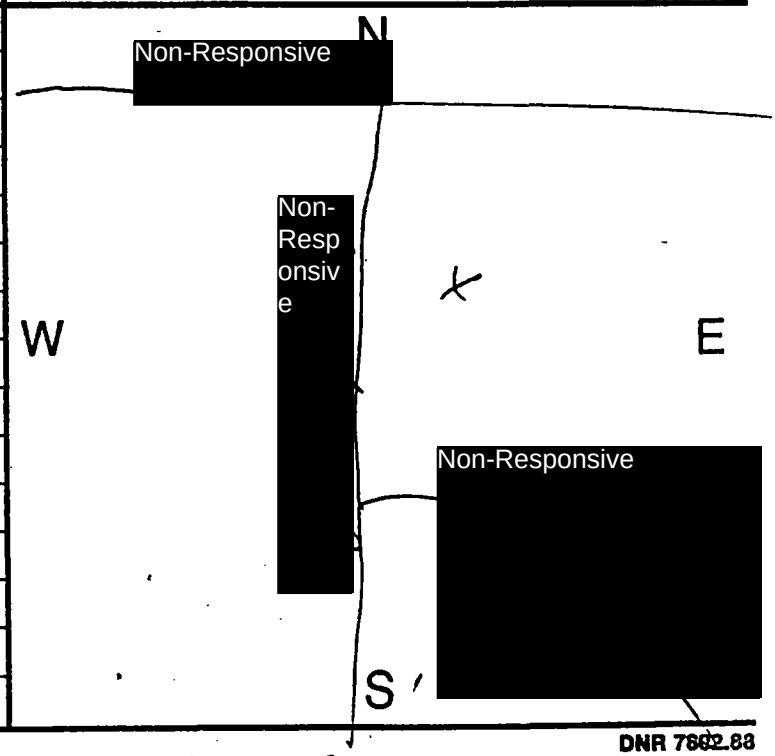
PUMP
Type of pump Capacity gpm
Pump set at ft.
Pump installed by
Pitless Device ☐ Adapter ☐ Preassembled unit
Use of Well

WELL LOG*

Show color, texture, hardness, and formation: sandstone, shale, limestone, gravel, clay, sand	From	To
Sandy Clay	0 ft.	7 ft.
Brn Sandstone	7	42
Gray Shale	42	44
Red Sandstone	44	48
Gray Shale	48	120

SKETCH SHOWING LOCATION

Show distances well lies from numbered state highways, street intersections, county roads, etc.



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

DNR 7602.83

DRILLING FIRM H.C. Fowler SIGNED H.C. Fowler
ADDRESS 3363 E. State Rd. DATE Aug 15 1988
CITY, STATE, ZIP Barberton Ohio 44203 ODR REGISTRATION NUMBER 125

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

(1392)

WELL LOG AND DRILLING REPORT

ORIGINAL

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

№ 157590

County Summit Township Coventry Section of Township or Lot Number

Non-Responsive [redacted]

Owner [redacted] Address [redacted]

Non-Responsive

Location of property [redacted]

Non-Responsive

CONSTRUCTION DETAILS	PUMPING TEST
Casing diameter 4" Length of casing 20'	Pumping rate 20 G.P.M. Duration of test 5 hrs.
Type of screen Length of screen	Drawdown none ft. Date 3/25/55
Type of pump	Developed capacity
Capacity of pump	Static level—depth to water 13 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.
sand & clay	0 Feet	20 Ft.	N.
sand Rock	20	36	Non-Responsive [redacted]
			Non-Responsive [redacted]
			W.
			S.

Water 36'

See reverse side for instructions

Drilling Firm L. E. Pugh

Address 310 Kilbourne Rd

Date 6/22/55

Signed L. Pugh

400 LOCATED

ORIGINAL

WELL LOG AND DRILLING REPORT

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

PLEASE USE PENCIL OR TYPEWRITER. DO NOT USE INK.

No. 242144

County Summit Township Coventry Section of Township

Owner [redacted] Address [redacted]

Location of property [redacted]

CONSTRUCTION DETAILS

Casing diameter 4 Length of casing 43

Type of screen None Length of screen

Type of pump

Capacity of pump

Length of pump setting

Date of completion

BAILING OR PUMPING TEST

Pumping rate 75 G.P.M. Duration of test 3 hrs.

Drawdown 4 ft. Date Aug 1, 1960

Developed capacity

Static level—depth to water 6 ft.

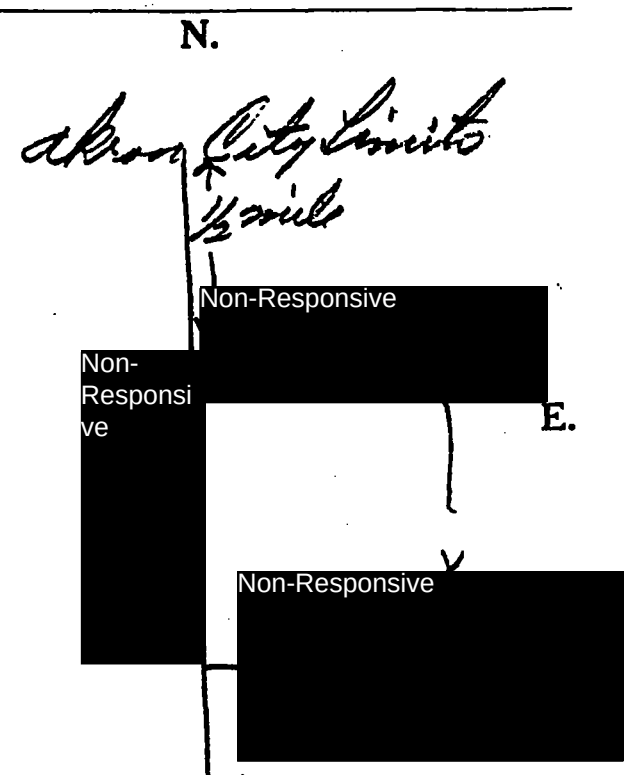
Pump installed by

WELL LOG

Formations Sandstone, shale, limestone, gravel and clay	From	To
Sand	0 Feet	15 Ft.
Sandstone	15	44

SKETCH SHOWING LOCATION

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



See reverse side for instructions

Drilling Firm Howard C. Fowler Date Aug 1, 1960

Address 3615 Highspire Dr. Signed [illegible]

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

No. 404264

County Summit Township Coventry Section of Township Columbus

Owner Hi-Fy Gasoline Address 3070 Riverside Dr

Location of property Non-Responsive [redacted]

CONSTRUCTION DETAILS

Casing diameter 7" OD Length of casing 33

Type of screen Length of screen

Type of pump

Capacity of pump

Depth of pump setting

Date of completion

BAILING OR PUMPING TEST
(Specify one by circling)

Test Rate 18 G.P.M. Duration of test 1 hrs.

Drawdown 14 ft. Date 3-31-70

Static level-depth to water 8 ft.

Quality (clear, cloudy, taste, odor)

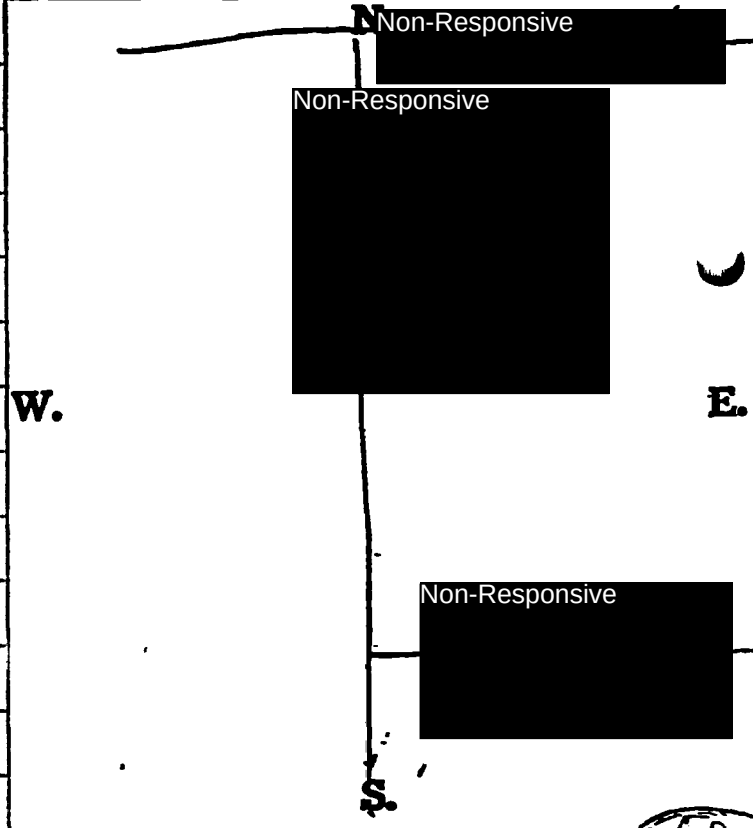
Pump installed by

WELL LOG*

Formations Sandstone, shale, limestone, gravel and clay	From	To
Sand & Gravel	0 Feet	14 Ft.
Broken Sandstone	14	29

SKETCH SHOWING LOCATION

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



500 LOCATED

Drilling Firm T. E. Pugh & Sons Date 3-31-70

Address 710 Hillman Rd Signed Terry Pugh

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

WELL LOG AND DRILLING REPORT

DRILLER'S COPY

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. 404264

County [illegible] Township [illegible] Section of Township [illegible]

Owner [illegible] Address [illegible]

Non-Responsive [redacted]

Location of property [illegible]

CONSTRUCTION DETAILS

Casing diameter 7 OD Length of casing 33

Type of screen _____ Length of screen _____

Type of pump _____

Capacity of pump _____

Depth of pump setting _____

Date of completion _____

BAILING OR PUMPING TEST
(Specify one by circling)

Test Rate [illegible] G.P.M. Duration of test 1 hrs.

Drawdown 14 ft. Date 5-31-70

Static level-depth to water 2 ft.

Quality (clear, cloudy, taste, odor) _____

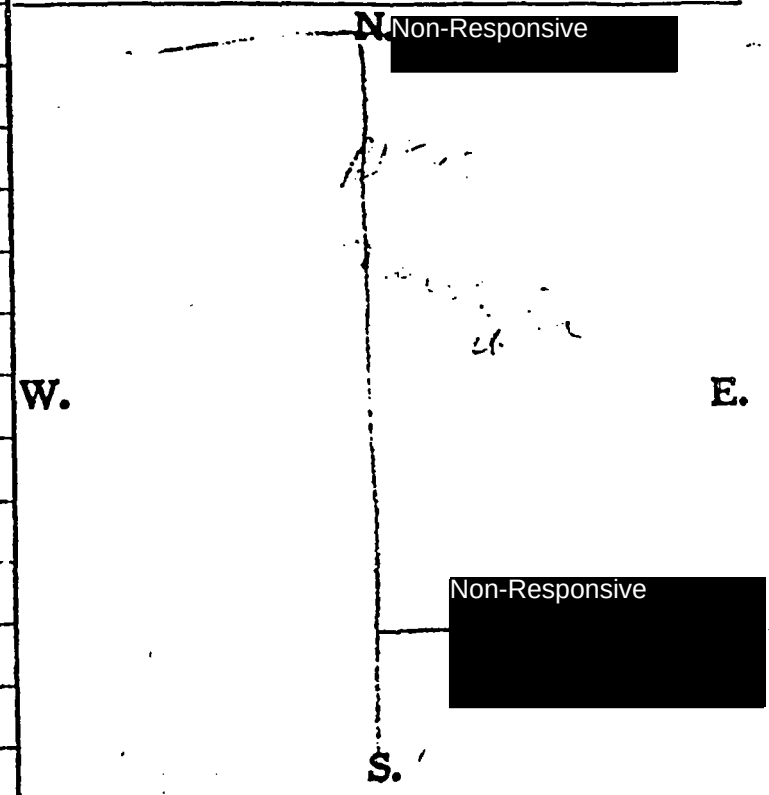
Pump installed by _____

WELL LOG*

Formations Sandstone, shale, limestone, gravel and clay	From	To
[illegible]	0 Feet	14 Ft.
[illegible]	14	39

SKETCH SHOWING LOCATION

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



Drilling Firm [illegible] Date 5-31-70

Address [illegible] Signed [illegible]

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

WELL LOG AND DRILLING REPORT

CUSTOMER'S COPY

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

NO CARBON PAPER NECESSARY - SELF-TRANSCRIBING

512893

COUNTY [illegible] TOWNSHIP [illegible] SECTION OF TOWNSHIP [illegible]

OWNER [illegible] ADDRESS [illegible]

LOCATION OF PROPERTY [illegible]

CONSTRUCTION DETAILS

Casing diameter [illegible] Length of casing [illegible]

Type of screen _____ Length of screen _____

Type of pump _____

Capacity of pump _____

Depth of pump setting _____

Date of completion _____

BAILING OR PUMPING TEST
(Specify one by circling)

Test rate 40 gpm Duration of test 1 hr

Drawdown 20 ft Date 5-11-77

Static level (depth to water) 9

Quality (clear, cloudy, taste, odor) [illegible]

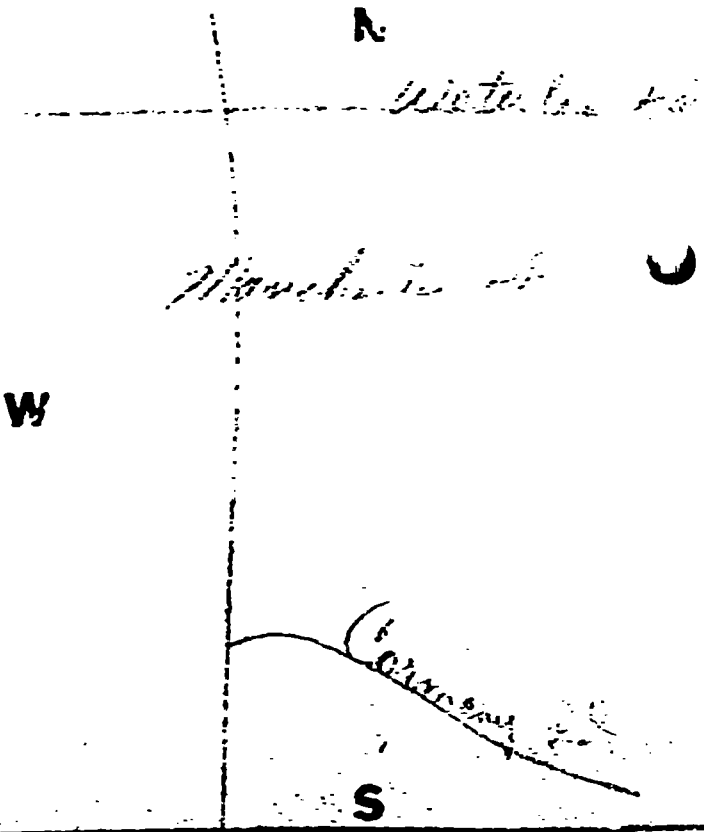
Pump installed by _____

WELL LOG*

Formations: sandstone, shale, limestone, gravel, clay	From	To
[illegible]	0 ft	[illegible] ft
[illegible]	8	39
[illegible]	39	55
[illegible]	[illegible]	60

SKETCH SHOWING LOCATION

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



DRILLING FIRM [illegible] DATE 5-11-77

ADDRESS [illegible] SIGNED [illegible]

* If additional space is needed, use back of this sheet, and indicate number of item.

WELL LOG AND DRILLING REPORT

707551

State of Ohio
DEPARTMENT OF NATURAL RESOURCES
Division of Water
1939 Fountain Square Drive
Columbus, Ohio 43224
(614) 265-6739

TYPE OR USE PEN
SELF-TRANSCRIBING
PRESS HARD!

Permit Number 122539

COUNTY Summit TOWNSHIP [illegible] SECTION/LOT NO. _____ (CIRCLE ONE)

OWNER/BUILDER (CIRCLE ONE OR BOTH) [illegible] Market PROPERTY ADDRESS [illegible] 633 (ADDRESS OF WELL LOCATION)

LOCATION OF PROPERTY [illegible]

CONSTRUCTION DETAILS

CASING
Diameter 6 in. Length 35 ft. Wall Thickness [illegible] in.
Type: ☑ Steel ☐ Galv. ☐ PVC ☐ Other _____
Joints: ☑ Threaded ☐ Welded ☐ Solvent ☐ Other _____

SCREEN
Type (wire wrapped, louvered, etc.) [illegible] Material [illegible]
Length [illegible] ft. Diameter [illegible] in.
Set between 34 ft. and 39 ft. Slot [illegible]
☐ Rotary ☑ Cable ☐ Augered ☐ Driven ☐ Dug ☐ Other _____
Date of completion 6-5-90

GROUT
Material [illegible] Volume used _____
Method of installation [illegible]
Depth: placed from [illegible] ft. to [illegible] ft.

GRAVEL PACK
Material _____ Volume used _____
Method of installation _____
Depth: placed from _____ ft. to _____ ft.
Pitless Device ☐ Adapter Preassembled unit
Use of Well [illegible]

PUMP
Type of pump _____ Capacity _____ gpm
Pump set at _____ ft.
Pump installed by _____

WELL TEST
Bailing ☑ or Pumping ☐
Test rate 15 gpm Duration of test 1 hrs.
Drawdown 31 ft.
Measured from: ☐ top of casing ☑ ground level ☐ Other _____
Static Level (depth to water) 6 ft. Date: 6-5-90
Quality (clear, cloudy, taste, odor) [illegible]
(Attach a copy of the pumping test record, per 1521.05, ORC)

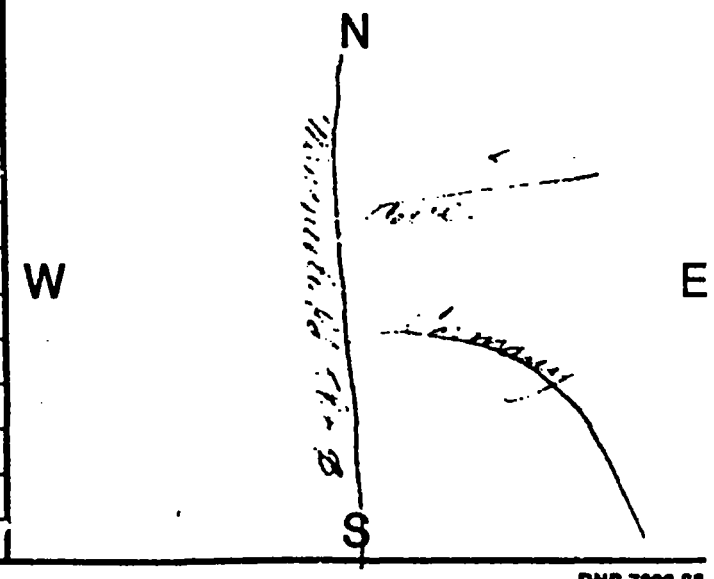
WELL LOG*

INDICATE DEPTH(S) AT WHICH WATER IS ENCOUNTERED.
Show color, texture, hardness, and formation: sandstone, shale, limestone, gravel, clay, sand, etc.

	From	To
Fine sand	0 ft.	39 ft.

SKETCH SHOWING LOCATION

Show distances well lies from numbered state highways, street intersections, county roads, etc.



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

DNR 7802.88

DRILLING FIRM [illegible] Drilling
ADDRESS 3363 [illegible] St.
CITY, STATE, ZIP [illegible] Ohio 44213

SIGNED [illegible]
DATE 6-5-90
ODH REGISTRATION NUMBER 195

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

ORIGINAL COPY - ODNR, DIVISION OF WATER, 1939 FOUNTAIN SQ. DRIVE, COL.S., OHIO 43224

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

SUMMIT COUNTY HEALTH DEPARTMENT

2025 SECOND ST., CUYAHOGA FALLS, OHIO

REPORT AND LOG OF DRILLED WELL

Non-Responsive [redacted]

Owner [redacted] Owner's Mail Address [redacted] Akron

Non-Responsive [redacted]

Location of Well: [redacted] Country

Number—Street or Road — Township or Village

Total Depth of Well 40 Size and Length of Casing 4 in. 25 ft.

Static Level 5 Volume Produced per minute 12 Draw Down 1 Length of Test 1

Well Drilled by Hill Fowler Date April 7 1955

Address of Driller Hill, Fowler 751 Kenan st.

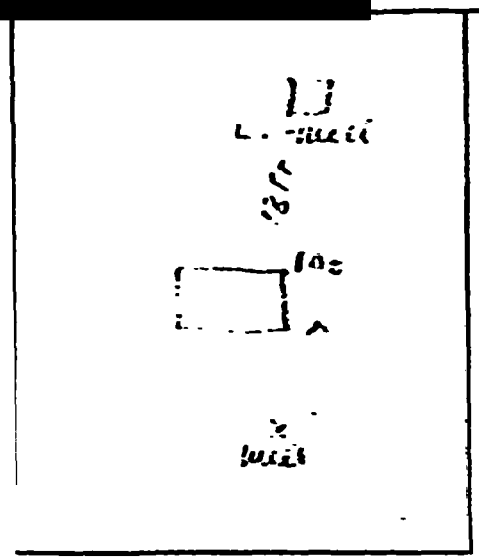
LOG OF WELL

0 to 10 Sand & Gravel

10 " 40 Lime Stone

Street or Highway

Non-Responsive [redacted]



NOTE:

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