



ELECTRONIC MAIL: chris.ralston@maryland.gov
US MAIL

January 20, 2017

Mr. Christopher Ralston
Maryland Department of the Environment
Remediation Division, Oil Control Program
1800 Washington Blvd., Suite 620
Baltimore, MD 21230

RE: Supply Well Investigation Work Plan – 3627A Southside Avenue
Inactive Exxon Facility #28077
14258 Jarrettsville Pike
Phoenix, Baltimore County, Maryland
MDE Case # 2006-0303-BA2

Dear Mr. Ralston:

Kleinfelder, on behalf of ExxonMobil Environmental Services Company (ExxonMobil), submits this Work Plan for an investigation of the private supply well at 3627A Southside Avenue (**Figure 1**), per the Maryland Department of the Environment's (MDE's) letters dated November 10, 2016¹ and December 19, 2016².

Based on continuing detections of MTBE above the Maryland state action level of 20 µg/L (**Table 1**), the MDE has required an investigation of the private supply well at 3627A Southside Avenue, to include downhole geophysics and discrete zone sampling. These data are intended to identify the location of water-bearing zones/fractures and associated dissolved petroleum concentrations.

Kleinfelder, on behalf of ExxonMobil, proposes to conduct this investigation in two parts in a results-driven approach – first downhole geophysics, then discrete interval sampling based on the analysis of the geophysical report.

¹ MDE, November 10, 2016, Monitoring Well Installation Work Plan – MW-189D Approval, Case No. 2006-0303-BA, Former Exxon R/S No. 2-8077, 14258 Jarrettsville Pike, Phoenix, Baltimore County, Maryland.

² MDE, December 19, 2016, Geophysics – 3627A Southside Property – Work Plan Response Request, Case No. 2006-0303-BA, Former Exxon R/S No. 2-8077, 14258 Jarrettsville Pike, Phoenix, Baltimore County, Maryland.

BACKGROUND

According to records obtained from Baltimore County (**Attachment 1**), the supply well serving 3627A Southside Avenue was completed in 1988 to a depth of 405' below ground surface (bgs). The well is cased with 6" plastic piping from ground surface to 27' bgs, screened (plastic) from 27'-347', and open hole to 405'. The well completion report (**Attachment 1**) indicates there is also an interval of 5" diameter steel casing from 305'-347' bgs. It is not known where the well pump is currently set.

DOWNHOLE GEOPHYSICS

Prior to conducting any downhole evaluation, the pump for the supply well will be removed by a Maryland-licensed plumber. The depth of the well pump will be measured and recorded. The water level will be gauged with an electronic interface probe (EIP). The pump and hosing will be removed from the well and placed on plastic sheeting.

If the well is screened for most of its length, as the well completion report indicates, only limited information regarding the lithology and fractures can be obtained from the downhole geophysical methods. Detailed geophysical information would be limited to the bottom open-hole portion of the well, from 347' to 405', a 58' interval.

Given the unusual well construction noted on the well completion report, Kleinfelder proposes to initiate the investigation with a downhole camera to confirm actual well construction, and assess the condition of the casing and screen.

Once the actual well construction is determined, and after allowing the water column to settle for at least 16 hours to minimize turbidity, complete logging will be conducted on the open-hole portion of the well, and will include the following tests:

- 3-Arm Caliper, mechanically measures the borehole diameter;
- Fluid Temperature;
- Fluid Conductivity;
- Acoustic Caliper and High Resolution Acoustic Borehole Televiewer, records an accurately-scaled image of the borehole wall including identification of fracture locations;

- Optical Borehole Televiwer, also records an accurately-scaled image of the borehole wall for identification of features such as fractures and solution openings plus semi-quantitative estimation of fracture orientation and thickness using visible light; and
- Heat Pulse Flowmeter, records the rate of vertical water flow at depth intervals in a borehole.

For portions of the well screened with PVC, the 3-arm caliper could detect small changes in casing/screen where deterioration is occurring. Fluid temp/resistivity may also gather fracture/flow data through open and screened sections.

Following the downhole geophysics and in accordance with standard practice following the removal and handling of a drinking water well pump and hosing, chlorine will be added to the well as a disinfectant. Samples will be collected and analyzed for coliform/bacteria and sent to an analytical testing laboratory on a 24-hour turnaround. The well will be closed and sealed by a licensed plumber. Once the results are received and the well water meets acceptable standards for potability, the well pump will be restarted.

REPORTING

A report of results will be submitted to the MDE within 30 days of receipt of the geophysical logging report including a proposal for discrete-depth sampling. As discussed with the MDE during a meeting on January 18, 2017, HydraSleeve™ sampling will be performed in lieu of the packer testing originally requested by the MDE³.

DISCRETE-DEPTH SAMPLING

Once the discrete-depth sampling proposal is approved by the MDE, and at the convenience of the residents of 3627A, Southside Avenue, the well pump will be removed/replaced using the same methodology outlined above. Following pump removal, samples will be collected using HydraSleeve™ discrete-depth samplers and sent to Lancaster Laboratories of Lancaster, Pennsylvania for analysis via EPA method 524.2. Analytical sampling results will be reported to the MDE when received from the lab.

CLOSING

³ MDE, November 10, 2016, Monitoring Well Installation Work Plan – MW-189D Approval, Case No. 2006-0303-BA, Former Exxon R/S No. 2-8077, 14258 Jarrettsville Pike, Phoenix, Baltimore County, Maryland.

Kleinfelder will initiate the scope of work described above on a schedule convenient to the property owner at 3627A Southside Avenue, as this work will require the disruption of their water supply for at least two days at a time. MDE will be notified when the schedule has been set (at least five business days in advance of commencing field work).

Please contact the undersigned with any questions or requests for additional information at 410.850.0404.

Sincerely,
KLEINFELDER



Stacey E. Schiding
Project Manager



Mark J. Schaaf, C.P.G.
Project Director

TABLE

1 Private Supply Well Analytical Data Table: 3627A Southside Avenue

FIGURE

1 Private Supply Well Location Map

ATTACHMENT

1 Well Completion Record 3627A Southside Avenue

cc: Mr. John J. Hoban – ExxonMobil (Kleinfelder file)
Mr. Clarke Bozeman – ExxonMobil
Ms. Ellen Jackson – Maryland Department of the Environment
Mr. Andrew Miller – Maryland Department of the Environment
Carlos Bollar, Esquire – Archer & Greiner, P.C.

TABLE

Private Supply Well Analytical Data Table: 3627A Southside Avenue
Inactive Exxon Facility #28077
14258 Jarrettsville Pike
Phoenix, MD

Map/Parcel/Lot	Address	Sample Date	POET Sample Point	MTBE (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-Benzene (µg/L)	Total Xylenes (µg/L)	Naphthalene (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)
M36P122LNA	3627A Southside Ave	3/21/2006		0.30 J	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M36P122LNA	3627A Southside Ave	4/19/2006		0.38 J	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M36P122LNA	3627A Southside Ave	6/14/2006		ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M36P122LNA	3627A Southside Ave	8/16/2006		0.29 J	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M36P122LNA	3627A Southside Ave	1/22/2007		0.33 J	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M36P122LNA	3627A Southside Ave	4/9/2007		ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M36P122LNA	3627A Southside Ave	7/17/2007		0.26 J	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M36P122LNA	3627A Southside Ave	10/24/2007		0.54	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M36P122LNA	3627A Southside Ave	1/15/2008		0.76	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(5)
M36P122LNA	3627A Southside Ave	4/3/2008		0.76	ND(0.50)	0.20 J	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M36P122LNA	3627A Southside Ave	7/14/2008		0.48 J	ND(0.50)	0.12 J	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M36P122LNA	3627A Southside Ave	10/8/2008		0.68	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M36P122LNA	3627A Southside Ave	1/13/2009		0.92	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M36P122LNA	3627A Southside Ave	4/2/2009		0.50	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M36P122LNA	3627A Southside Ave	7/9/2009		0.64	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M36P122LNA	3627A Southside Ave	10/8/2009		0.89	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M36P122LNA	3627A Southside Ave	1/11/2010		ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M36P122LNA	3627A Southside Ave	4/12/2010		ND(0.5)	ND(0.5)	0.2 J	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(5)
M36P122LNA	3627A Southside Ave	7/13/2010		0.50	ND(0.50)	2.6	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M36P122LNA	3627A Southside Ave	10/21/2010		1.6	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	0.067 J	ND(0.50)	ND(5.0)
M36P122LNA	3627A Southside Ave	1/13/2011		1.9	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	0.10 J	ND(0.50)	ND(5.0)
M36P122LNA	3627A Southside Ave	4/11/2011		0.87	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M36P122LNA	3627A Southside Ave	7/11/2011		1.3	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M36P122LNA	3627A Southside Ave	10/17/2011		1.8	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M36P122LNA	3627A Southside Ave	1/11/2012		1.6	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M36P122LNA	3627A Southside Ave	4/11/2012		2.4	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	0.097 J	ND(5.0)
M36P122LNA	3627A Southside Ave	7/13/2012		5.4	ND(0.50)	0.13 J	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	0.12 J	0.30 J	ND(5.0)
M36P122LNA	3627A Southside Ave	9/11/2012	PIO	7.3	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	0.14 J	0.40 J	ND(5.0)
M36P122LNA	3627A Southside Ave	9/11/2012	PEO	0.20 J	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M36P122LNA	3627A Southside Ave	10/2/2012	PIO	8.7	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	0.17 J	0.47 J	ND(5.0)
M36P122LNA	3627A Southside Ave	11/6/2012	PIO	7.3	0.074 J	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	0.16 J	0.55	ND(5.0)
M36P122LNA	3627A Southside Ave	11/6/2012	PEO	7.0	0.066 J	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	0.16 J	0.54	ND(5.0)
M36P122LNA	3627A Southside Ave	12/4/2012	PIO	9.4	0.084 J	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	0.19 J	0.61	ND(5.0)
M36P122LNA	3627A Southside Ave	12/4/2012	PEO	0.29 J	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M36P122LNA	3627A Southside Ave	1/8/2013	PIO	7.6	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	0.12 J	0.49 J	ND(5.0)
M36P122LNA	3627A Southside Ave	1/8/2013	PEO	0.31 J	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)

Private Supply Well Analytical Data Table: 3627A Southside Avenue
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Map/Parcel/Lot	Address	Sample Date	POET Sample Point	MTBE (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-Benzene (µg/L)	Total Xylenes (µg/L)	Naphthalene (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)
M36P122LNA	3627A Southside Ave	2/6/2013	PIO	0.37 J	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M36P122LNA	3627A Southside Ave	2/6/2013	PEO	0.63	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M36P122LNA	3627A Southside Ave	3/5/2013	PIO	10.3	0.10 J	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	0.19 J	0.81	ND(5.0)
M36P122LNA	3627A Southside Ave	3/5/2013	PEO	1.1	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M36P122LNA	3627A Southside Ave	4/2/2013	PIO	10.3	0.12 J	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	0.18 J	0.77	ND(5.0)
M36P122LNA	3627A Southside Ave	4/2/2013	PEO	1.1	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M36P122LNA	3627A Southside Ave	5/7/2013	PIO	8.4	0.051 J	0.12 J	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	0.14 J	0.70	ND(5.0)
M36P122LNA	3627A Southside Ave	5/7/2013	PEO	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M36P122LNA	3627A Southside Ave	6/4/2013	PIO	9.5	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	0.15 J	0.55	ND(5.0)
M36P122LNA	3627A Southside Ave	6/4/2013	PEO	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M36P122LNA	3627A Southside Ave	7/2/2013	PIO	12.4	0.083 J	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	0.19 J	0.85	ND(5.0)
M36P122LNA	3627A Southside Ave	7/2/2013	PEO	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M36P122LNA	3627A Southside Ave	8/6/2013	PIO	14.8	ND(0.50)	1.0	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	0.20 J	0.88	ND(5.0)
M36P122LNA	3627A Southside Ave	8/6/2013	PEO	ND(0.50)	ND(0.50)	1.1	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M36P122LNA	3627A Southside Ave	8/14/2013	PIO	13.8	0.18 J	0.40 J	ND(0.50)	ND(0.50)	ND(0.50)	0.097 J	0.25 J	1.0	ND(5.0)
M36P122LNA	3627A Southside Ave	8/14/2013	PEO	ND(0.50)	ND(0.50)	0.19 J	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M36P122LNA	3627A Southside Ave	9/10/2013	PIO	16.5	0.38 J	0.21 J	0.047 J	0.087 J	ND(0.50)	0.097 J	0.34 J	1.4	ND(5.0)
M36P122LNA	3627A Southside Ave	9/10/2013	PEO	ND(0.50)	ND(0.50)	0.13 J	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M36P122LNA	3627A Southside Ave	10/8/2013	PIO	13.2	ND(0.50)	0.13 J	ND(0.50)	ND(0.50)	ND(0.50)	0.070 J	0.30 J	1.0	ND(5.0)
M36P122LNA	3627A Southside Ave	10/8/2013	PEO	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M36P122LNA	3627A Southside Ave	10/22/2013	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M36P122LNA	3627A Southside Ave	10/22/2013	PI	8.9	0.19 J	0.074 J	ND(0.50)	ND(0.50)	ND(0.50)	0.056 J	0.21 J	0.81	ND(5.0)
M36P122LNA	3627A Southside Ave	10/22/2013	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M36P122LNA	3627A Southside Ave	11/4/2013	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M36P122LNA	3627A Southside Ave	11/4/2013	PI	14.9	0.29 J	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	0.072 J	0.33 J	1.3	ND(5.0)
M36P122LNA	3627A Southside Ave	11/4/2013	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M36P122LNA	3627A Southside Ave	12/3/2013	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M36P122LNA	3627A Southside Ave	12/3/2013	PI	16.5	0.28 J	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	0.081 J	0.39 J	1.4	ND(5.0)
M36P122LNA	3627A Southside Ave	12/3/2013	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M36P122LNA	3627A Southside Ave	12/19/2013	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M36P122LNA	3627A Southside Ave	12/19/2013	PI	12.7	0.19 J	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	0.065 J	0.25 J	1.0	ND(5.0)
M36P122LNA	3627A Southside Ave	12/19/2013	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M36P122LNA	3627A Southside Ave	1/7/2014	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M36P122LNA	3627A Southside Ave	1/7/2014	PI	17.1	0.18 J	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	0.074 J	0.31 J	1.2	ND(5.0)
M36P122LNA	3627A Southside Ave	1/7/2014	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)

Private Supply Well Analytical Data Table: 3627A Southside Avenue
 Inactive Exxon Facility #28077
 14258 Jarrettsville Pike
 Phoenix, MD

Map/Parcel/Lot	Address	Sample Date	POET Sample Point	MTBE (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-Benzene (µg/L)	Total Xylenes (µg/L)	Naphthalene (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)
M36P122LNA	3627A Southside Ave	2/4/2014	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M36P122LNA	3627A Southside Ave	2/4/2014	PI	16.1	0.20 J	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	0.091 J	0.31 J	1.3	ND(5.0)
M36P122LNA	3627A Southside Ave	2/4/2014	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M36P122LNA	3627A Southside Ave	3/4/2014	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M36P122LNA	3627A Southside Ave	3/4/2014	PI	14.8	0.20 J	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	0.072 J	0.27 J	1.0	ND(5.0)
M36P122LNA	3627A Southside Ave	3/4/2014	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M36P122LNA	3627A Southside Ave	4/8/2014	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M36P122LNA	3627A Southside Ave	4/8/2014	PI	0.15 J	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M36P122LNA	3627A Southside Ave	4/8/2014	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M36P122LNA	3627A Southside Ave	4/24/2014	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M36P122LNA	3627A Southside Ave	4/24/2014	PI	0.11 J	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M36P122LNA	3627A Southside Ave	4/24/2014	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M36P122LNA	3627A Southside Ave	5/6/2014	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M36P122LNA	3627A Southside Ave	5/6/2014	PI	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M36P122LNA	3627A Southside Ave	5/6/2014	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M36P122LNA	3627A Southside Ave	6/3/2014	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M36P122LNA	3627A Southside Ave	6/3/2014	PI	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M36P122LNA	3627A Southside Ave	6/3/2014	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M36P122LNA	3627A Southside Ave	7/8/2014	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M36P122LNA	3627A Southside Ave	7/8/2014	PI	1.1	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M36P122LNA	3627A Southside Ave	7/8/2014	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M36P122LNA	3627A Southside Ave	8/5/2014	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M36P122LNA	3627A Southside Ave	8/5/2014	PI	7.6	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	0.11 J	0.48 J	ND(5.0)
M36P122LNA	3627A Southside Ave	8/5/2014	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M36P122LNA	3627A Southside Ave	9/9/2014	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M36P122LNA	3627A Southside Ave	9/9/2014	PI	23.3	0.20 J	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	0.12 J	0.38 J	1.7	ND(5.0)
M36P122LNA	3627A Southside Ave	9/9/2014	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M36P122LNA	3627A Southside Ave	10/7/2014	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M36P122LNA	3627A Southside Ave	10/7/2014	PI	25.6	0.25 J	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	0.14 J	0.42 J	2.0	2.1
M36P122LNA	3627A Southside Ave	10/7/2014	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M36P122LNA	3627A Southside Ave	11/4/2014	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M36P122LNA	3627A Southside Ave	11/4/2014	PI	26.4	0.36 J	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	0.12 J	0.45 J	2.0	ND(5.0)
M36P122LNA	3627A Southside Ave	11/4/2014	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M36P122LNA	3627A Southside Ave	12/2/2014	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)
M36P122LNA	3627A Southside Ave	12/2/2014	PI	26.5	0.21 J	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	0.11 J	0.45 J	2.0	ND(5.0)
M36P122LNA	3627A Southside Ave	12/2/2014	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.0)

Private Supply Well Analytical Data Table: 3627A Southside Avenue
 Inactive Exxon Facility #28077
 14258 Jarrettsville Pike
 Phoenix, MD

Map/Parcel/Lot	Address	Sample Date	POET Sample Point	MTBE (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-Benzene (µg/L)	Total Xylenes (µg/L)	Naphthalene (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)
M36P122LNA	3627A Southside Ave	1/8/2015	PE	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(25)
M36P122LNA	3627A Southside Ave	1/8/2015	PI	28	0.3 J	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	0.1 J	0.4 J	1.6	ND(25)
M36P122LNA	3627A Southside Ave	1/8/2015	PM	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(25)
M36P122LNA	3627A Southside Ave	2/3/2015	PE	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(25)
M36P122LNA	3627A Southside Ave	2/3/2015	PI	25	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	0.1 J	0.5 J	1.8	ND(25)
M36P122LNA	3627A Southside Ave	2/3/2015	PM	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(25)
M36P122LNA	3627A Southside Ave	3/3/2015	PE	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(25)
M36P122LNA	3627A Southside Ave	3/3/2015	PI	26	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	0.4 J	1.7	ND(25)
M36P122LNA	3627A Southside Ave	3/3/2015	PM	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(25)
M36P122LNA	3627A Southside Ave	4/7/2015	PE	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(25)
M36P122LNA	3627A Southside Ave	4/7/2015	PI	15	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	0.2 J	1.1	ND(25)
M36P122LNA	3627A Southside Ave	4/7/2015	PM	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(25)
M36P122LNA	3627A Southside Ave	5/5/2015	PE	ND(0.5)	ND(0.5)	1.1	0.2 J	0.6	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(25)
M36P122LNA	3627A Southside Ave	5/5/2015	PI	22	0.1 J	0.2 J	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	0.3 J	1.2	ND(25)
M36P122LNA	3627A Southside Ave	5/5/2015	PM	ND(0.5)	ND(0.5)	1.1	0.1 J	0.7	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(25)
M36P122LNA	3627A Southside Ave	5/12/2015	PE	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(25)
M36P122LNA	3627A Southside Ave	5/12/2015	PI	21	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	0.3 J	0.9	ND(25)
M36P122LNA	3627A Southside Ave	5/12/2015	PM	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(25)
M36P122LNA	3627A Southside Ave	6/2/2015	PE	ND(0.5)	ND(0.5)	0.2 J	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(25)
M36P122LNA	3627A Southside Ave	6/2/2015	PI	18	ND(0.5)	0.2 J	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	0.4 J	0.6	ND(25)
M36P122LNA	3627A Southside Ave	6/2/2015	PM	ND(0.5)	ND(0.5)	0.2 J	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(25)
M36P122LNA	3627A Southside Ave	7/7/2015	PE	ND(0.5)	ND(0.5)	0.2 J	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(25)
M36P122LNA	3627A Southside Ave	7/7/2015	PI	29	0.3 J	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	0.5 J	1.7	ND(25)
M36P122LNA	3627A Southside Ave	7/7/2015	PM	ND(0.5)	ND(0.5)	0.2 J	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(25)
M36P122LNA	3627A Southside Ave	8/11/2015	PE	ND(0.5)	ND(0.5)	0.1 J	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(25)
M36P122LNA	3627A Southside Ave	8/11/2015	PI	19	0.2 J	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	0.3 J	1.4	ND(25)
M36P122LNA	3627A Southside Ave	8/11/2015	PM	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(25)
M36P122LNA	3627A Southside Ave	8/20/2015	PE	ND(0.5)	ND(0.5)	0.1 J	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(25)
M36P122LNA	3627A Southside Ave	8/20/2015	PI	20	0.2 J	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	0.3 J	1.2	ND(25)
M36P122LNA	3627A Southside Ave	8/20/2015	PM	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(25)
M36P122LNA	3627A Southside Ave	9/15/2015	PE	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(25)
M36P122LNA	3627A Southside Ave	9/15/2015	PI	32	0.2 J	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	0.1 J	ND(0.5)	1.7	ND(25)
M36P122LNA	3627A Southside Ave	9/15/2015	PM	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(25)
M36P122LNA	3627A Southside Ave	10/6/2015	PE	ND(0.5)	ND(0.5)	4.7	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)
M36P122LNA	3627A Southside Ave	10/6/2015	PI	36	0.3 J	6.2	ND(0.5)	ND(0.5)	ND(0.5)	0.1 J	0.5	2.8	ND(0.5)
M36P122LNA	3627A Southside Ave	10/6/2015	PM	ND(0.5)	ND(0.5)	4.2	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(25)

Private Supply Well Analytical Data Table: 3627A Southside Avenue
 Inactive Exxon Facility #28077
 14258 Jarrettsville Pike
 Phoenix, MD

Map/Parcel/Lot	Address	Sample Date	POET Sample Point	MTBE (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-Benzene (µg/L)	Total Xylenes (µg/L)	Naphthalene (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)
M36P122LNA	3627A Southside Ave	11/3/2015	PE	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(25)
M36P122LNA	3627A Southside Ave	11/3/2015	PI	32	0.2 J	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	0.1 J	0.5 J	2.6	ND(25)
M36P122LNA	3627A Southside Ave	11/3/2015	PM	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(25)
M36P122LNA	3627A Southside Ave	12/8/2015	PE	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(25)
M36P122LNA	3627A Southside Ave	12/8/2015	PI	33	0.2 J	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	0.1 J	0.5 J	2.4	ND(25)
M36P122LNA	3627A Southside Ave	12/8/2015	PM	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(25)
M36P122LNA	3627A Southside Ave	1/5/2016	PE	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(25)
M36P122LNA	3627A Southside Ave	1/5/2016	PI	31	0.1 J	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	0.5 J	2.0	ND(25)
M36P122LNA	3627A Southside Ave	1/5/2016	PM	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(25)
M36P122LNA	3627A Southside Ave	2/2/2016	PE	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(25)
M36P122LNA	3627A Southside Ave	2/2/2016	PI	34	0.2 J	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	0.1 J	0.5 J	2.0	ND(25)
M36P122LNA	3627A Southside Ave	2/2/2016	PM	ND(0.5)	ND(0.5)	0.1 J	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(25)
M36P122LNA	3627A Southside Ave	3/8/2016	PE	ND(0.5)	ND(0.5)	0.1 J	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(25)
M36P122LNA	3627A Southside Ave	3/8/2016	PI	0.2 J	ND(0.5)	0.1 J	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(25)
M36P122LNA	3627A Southside Ave	3/8/2016	PM	ND(0.5)	ND(0.5)	0.1 J	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(25)
M36P122LNA	3627A Southside Ave	4/5/2016	PE	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(25)
M36P122LNA	3627A Southside Ave	4/5/2016	PI	6.7	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	0.5	ND(25)
M36P122LNA	3627A Southside Ave	4/5/2016	PM	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(25)
M36P122LNA	3627A Southside Ave	5/3/2016	PE	ND(0.5)	ND(0.5)	0.1 J	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(25)
M36P122LNA	3627A Southside Ave	5/3/2016	PI	20	ND(0.5)	0.1 J	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	0.2 J	1.1	ND(25)
M36P122LNA	3627A Southside Ave	5/3/2016	PM	ND(0.5)	ND(0.5)	0.1 J	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(25)
M36P122LNA	3627A Southside Ave	6/7/2016	PE	ND(0.5)	ND(0.5)	0.1 J	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(25)
M36P122LNA	3627A Southside Ave	6/7/2016	PI	23	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	0.4 J	1.0	ND(25)
M36P122LNA	3627A Southside Ave	6/7/2016	PM	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(25)
M36P122LNA	3627A Southside Ave	7/12/2016	PE	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(25)
M36P122LNA	3627A Southside Ave	7/12/2016	PI	26	0.3 J	0.1 J	ND(0.5)	ND(0.5)	ND(0.5)	0.2 J	0.5 J	1.2	ND(25)
M36P122LNA	3627A Southside Ave	7/12/2016	PM	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(25)
M36P122LNA	3627A Southside Ave	8/2/2016	PE	ND(0.5)	ND(0.5)	0.1 J	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(25)
M36P122LNA	3627A Southside Ave	8/2/2016	PI	35	0.3 J	0.2 J	ND(0.5)	ND(0.5)	ND(0.5)	0.2 J	0.6	1.5	ND(25)
M36P122LNA	3627A Southside Ave	8/2/2016	PM	ND(0.5)	ND(0.5)	0.2 J	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(25)
M36P122LNA	3627A Southside Ave	8/29/2016	PE	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(25)
M36P122LNA	3627A Southside Ave	8/29/2016	PI	27	0.2 J	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	0.1 J	0.4 J	1.1	ND(25)
M36P122LNA	3627A Southside Ave	8/29/2016	PM	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(25)
M36P122LNA	3627A Southside Ave	9/13/2016	PE	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(25)
M36P122LNA	3627A Southside Ave	9/13/2016	PI	41	0.2 J	0.1 J	ND(0.5)	ND(0.5)	ND(0.5)	0.2 J	0.6	2.7	ND(25)
M36P122LNA	3627A Southside Ave	9/13/2016	PM	ND(0.5)	ND(0.5)	0.1 J	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(25)

Private Supply Well Analytical Data Table: 3627A Southside Avenue
 Inactive Exxon Facility #28077
 14258 Jarrettsville Pike
 Phoenix, MD

Map/Parcel/Lot	Address	Sample Date	POET Sample Point	MTBE (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-Benzene (µg/L)	Total Xylenes (µg/L)	Naphthalene (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)
M36P122LNA	3627A Southside Ave	10/4/2016	PE	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(25)
M36P122LNA	3627A Southside Ave	10/4/2016	PI	39	0.1 J	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	0.1 J	0.6	2.8	ND(25)
M36P122LNA	3627A Southside Ave	10/4/2016	PM	ND(0.5)	ND(0.5)	0.1 J	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(25)
M36P122LNA	3627A Southside Ave	11/8/2016	PE	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(25)
M36P122LNA	3627A Southside Ave	11/8/2016	PI	36	0.2 J	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	0.1 J	0.5	2.4	ND(25)
M36P122LNA	3627A Southside Ave	11/8/2016	PM	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(25)
M36P122LNA	3627A Southside Ave	12/6/2016	PE	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(25)
M36P122LNA	3627A Southside Ave	12/6/2016	PI	38	0.4 J	0.1 J	ND(0.5)	ND(0.5)	ND(0.5)	0.1 J	0.6	2.3	ND(25)
M36P122LNA	3627A Southside Ave	12/6/2016	PM	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(25)
M36P122LNA	3627A Southside Ave	1/10/2017	PE	ND(0.5)	ND(0.5)	0.2 J	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(25)
M36P122LNA	3627A Southside Ave	1/10/2017	PI	42	0.5	0.2 J	ND(0.5)	ND(0.5)	ND(0.5)	0.1 J	0.6	2.7	ND(25)
M36P122LNA	3627A Southside Ave	1/10/2017	PM	ND(0.5)	ND(0.5)	0.2 J	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(25)

Notes:

ND(0.50) - not detected at or above the laboratory reporting limit, laboratory reporting limit included

µg/L - micrograms per liter (parts per billion)

BTEX - benzene, toluene, ethylbenzene, and total xylenes

DIPE - di-isopropyl ether

ETBE - ethyl tert butyl ether

MTBE - methyl tertiary butyl ether

POET - Point of Entry Treatment System

TAME - tert-amyl methyl ether

TBA - tert butyl alcohol

PEO - Effluent Sample Location. POET installed/maintained by Owner

PIO - Influent Sample Location. POET installed/maintained by Owner

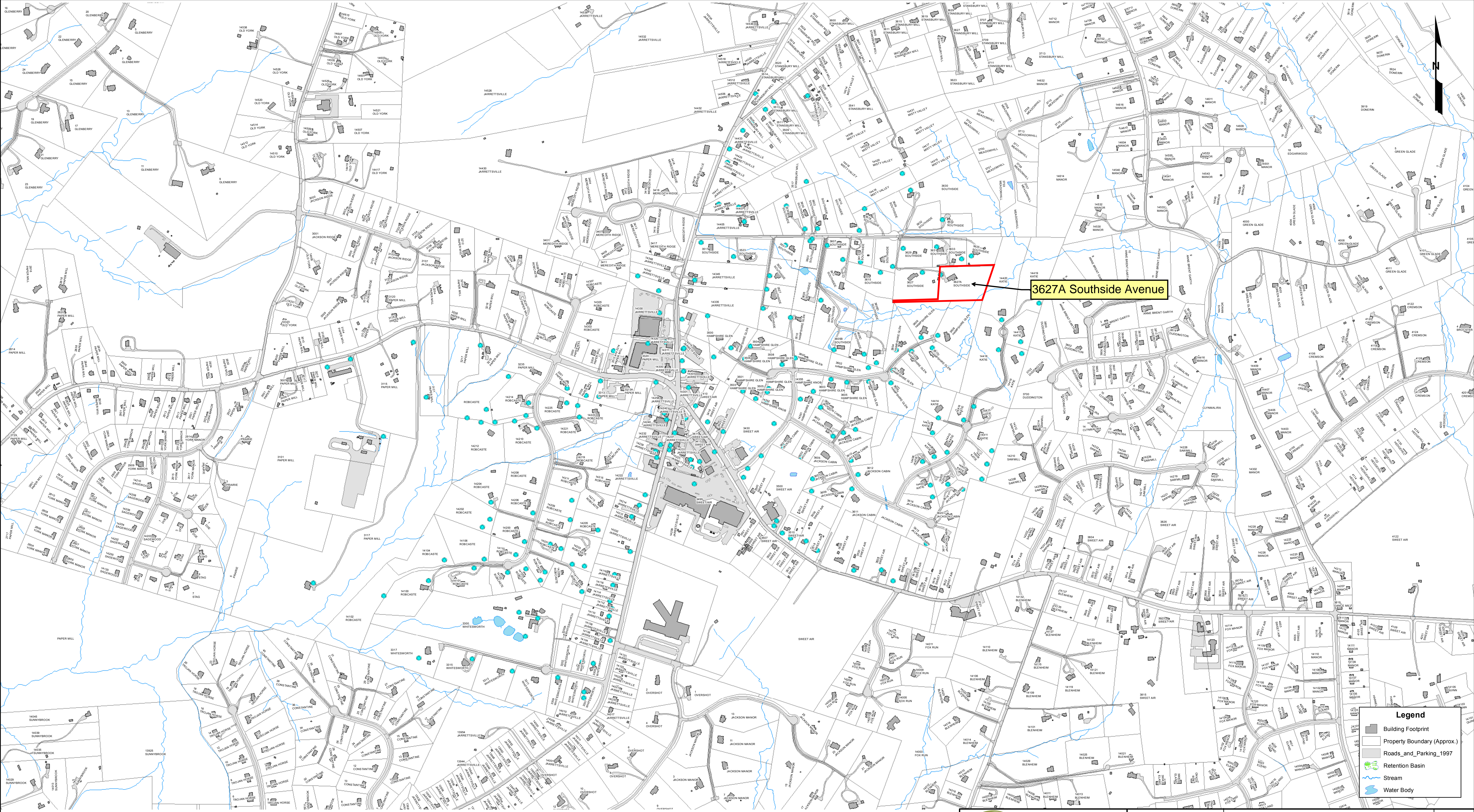
PE - Effluent Sample Location. POET installed/maintained by EMES

PI - Influent Sample Location. POET installed/maintained by EMES

PM - Midfluent Sample Location. POET installed/maintained by EMES

Carbon Change-out completed on 12/19/2013

FIGURE

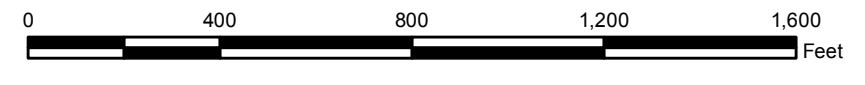


3627A Southside Avenue

Legend

- Building Footprint
- Property Boundary (Approx.)
- Roads and Parking_1997
- Retention Basin
- Stream
- Water Body

The information included on this graphic representation has been compiled from a variety of sources and is subject to change without notice. Information shown is not intended to be used for any purpose other than that for which it was prepared. The user assumes all responsibility for any use of this information.



KLEINFELDER
Bright People. Right Solutions.
1340 Charwood Road, Suite 1
Hanover, Maryland 21076
1 | 866.862.9700
1 | 410.850.0049

PROJECT NO.	123818
DRAWN:	8/6/2012
CHECKED BY:	B. Myers
FILE NAME:	K. Braun

POTABLE WELL MAP

INACTIVE EXXON FACILITY #28077
14258 JARRETTSVILLE PIKE
PHOENIX, MARYLAND
BALTIMORE COUNTY



ATTACHMENT 1

HISTORICAL ANALYTICAL TABLES FOR PROPERTIES PROPOSED FOR RETENTION

DATE WELL COMPLETED 10/19/88 DEPTH OF WELL 465 (TO NEAREST FOOT) PERMIT NO. FROM "PERMIT TO DRILL WELL" BA-88-0145

OWNER BODY, WAYNE 723 Register Avenue TOWN Baltimore SECTION LOT 2

WELL LOG (Not required for driven wells)

STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING

DESCRIPTION (use additional sheets if needed)	FEET FROM	TO	THICKNESS
dirt	0	4	
soft brown rock	4	15	
red brown rock	15	23	
hard brown rock	23	27	
hard gray rock	27	33	
red hard brown rock	33	34	
hard gray rock	34	66	
red hard gray rock	66	67	
hard gray rock	67	149	
red hard gray rock	149	150	
hard gray rock	150	312	
red gray rock	312	314	
red hard gray rock	314	320	
hard gray rock	320	405	

405' dry hole
Abandoned & Sealed

GROUTING RECORD

WELL HAS BEEN GROUTED (Circle appropriate box) Y N

TYPE OF GROUTING MATERIAL

CEMENT CM BENTONITE CLAY BC

NO. OF BAGS 42 NO. OF POUNDS 700

GALLONS OF WATER

DEPTH OF GROUT SEAL (TO NEAREST FOOT)

FROM 0 FT. TO 26 FT.

CASING RECORD

casings types insert appropriate code below

STEEL ST CONCRETE CO

PLASTIC PL OTHER OT

MAIN CASING TYPE

Nominal diameter top (main) casing (nearest inch) 6

Total depth of main casing (nearest foot) 347

OTHER CASING (if used)

diameter inch 5 depth (feet) from 305 to 347

SCREEN RECORD

screen type or open hole

STEEL ST BRASS BR

PLASTIC PL OPEN HOLE OH

DEPTH (NEAREST FT.)

11 15 17 21

25 27 29 31

35 37 39 41

43 45 47 49

51 53 55 57

59 61 63 65

67 69 71 73

75 77 79 81

83 85 87 89

91 93 95 97

99 101 103 105

107 109 111 113

115 117 119 121

123 125 127 129

131 133 135 137

139 141 143 145

147 149 151 153

155 157 159 161

163 165 167 169

171 173 175 177

179 181 183 185

187 189 191 193

195 197 199 201

203 205 207 209

211 213 215 217

219 221 223 225

227 229 231 233

235 237 239 241

243 245 247 249

251 253 255 257

259 261 263 265

267 269 271 273

275 277 279 281

283 285 287 289

291 293 295 297

299 301 303 305

307 309 311 313

315 317 319 321

323 325 327 329

331 333 335 337

339 341 343 345

347

PUMPING TEST

HOURS PUMPED (nearest hour) 1

PUMPING RATE (gal. per min. to nearest gal.) 5

METHOD USED TO MEASURE PUMPING RATE TIMER

WATER LEVEL (distance from land surface)

BEFORE PUMPING 17

WHEN PUMPING 17

TYPE OF PUMP USED (for test)

A air P piston T turbine

C centrifugal R rotary O other (describe below)

J jet S submersible

PUMP INSTALLED

DRILLER WILL INSTALL PUMP (CIRCLE) YES NO

IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS EXCEPT HOME USE

TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX - SEE ABOVE:

CAPACITY: GALLONS PER MINUTE (to nearest gallon) 11

PUMP HORSE POWER 1

PUMP COLUMN LENGTH (nearest ft.) 11

CASING HEIGHT (circle appropriate box and enter casing height)

above LAND SURFACE

below

CIRCLE APPROPRIATE LETTER

A WELL WERE ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED

B SELECTING LOG OBTAINED

C WELL WELL CONVERTED TO PRODUCTION WELL

SLOT SIZE

DIMETER OF SCREEN

NEAREST INCH

LOCATION OF WELL ON LOT

SHOW PERMANENT STRUCTURE SUCH AS BUILDING, SETTING TANK, AND/OR LITERMARKS AND INDICATE NOT LESS THAN TWO DISTANCES

DRILLER IDENT. NO. 9

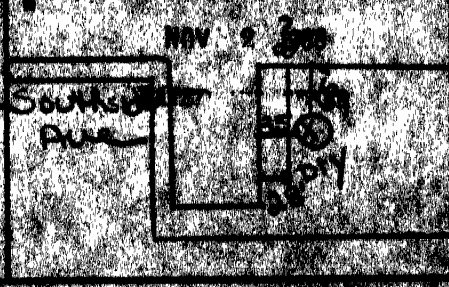
DRILLER SIGNATURE

DATE WHICH SIGNATURE WAS OBTAINED

GRAVEL PACK IF WELL COLLAR WAS LOWERED WELL INSERT

DATE WHEN ONLY SET TO BE FILLED IN BY DRILLER

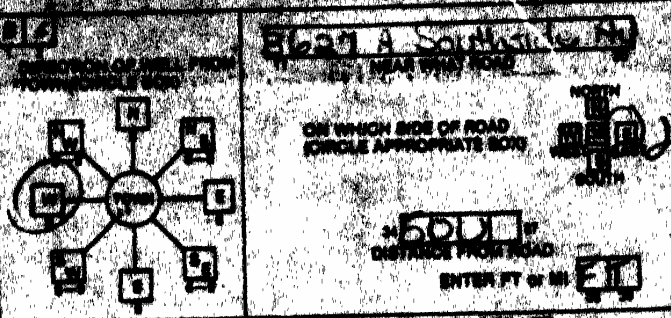
LOCATOR



NAME OF DRILLER
 ADDRESS
 CITY
 STATE
 ZIP

COUNTY NAME
 COUNTY NO.
 DATE ISSUED
 NO. OF FEET
 EAST GRID

WELL INFORMATION
 APPROX. PUMPING RATE (GAL. PER MIN.)
 APPROX. DAILY QUANTITY NEEDED (GAL. PER DAY)



- USE FOR WATER (CIRCLE APPROPRIATE BOX)**
 HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)
 FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)
 INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. (OTHER PERMITS APPROPRIATION PERMIT)
 PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH DEPARTMENT APPROVAL)
 TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL
 COUNTY NAME: Batte COUNTY NO.: 003
 STATE SIGNATURE: A.E. Howard DATE ISSUED: 10-4-88
 NO. OF FEET: 16000 EAST GRID: 0027000

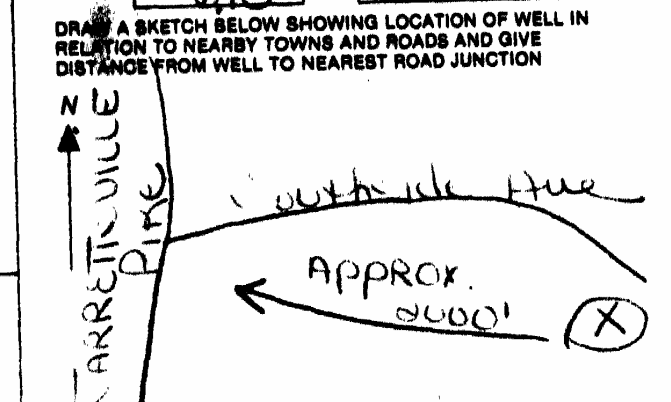
APPROXIMATE DEPTH OF WELL 500 FEET

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X
 SOURCES OF DRILLING WATER
 1.
 2.
 3.
 WRITE THE BOX NUMBER FROM THE MAP HERE
 E 930
 N 610

APPROXIMATE DIAMETER OF WELL 6 NEAREST INCH

METHOD OF DRILLING (circle one)
 BORED (or Augered) JETTED Jetted & DRIVEN
 AIR-ROTARY AIR-PERCUSSION ROTARY (Hydraulic Rotary)
 CABLE REVERSE-ROTARY DRIVE-POINT
 other _____

REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)
 THIS WELL WILL NOT REPLACE AN EXISTING WELL
 THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED
 THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY
 THIS WELL WILL DEEPM AN EXISTING WELL
 PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) _____



Not to be filled in by driller (OEP USE ONLY)
 APPROP. PERMIT NUMBER _____

FORCE MM WRITE INITIALS IN BOX PERMIT NO. 31-88-0145

SPECIAL CONDITIONS
 COUNTY 14 A10

COUNTY 10