ANNUAL
MONITORING WELL & PRIVATE SUPPLY WELL
CHARTS

Inactive Exxon Facility #28077
14258 Jarrettsville Pike
Phoenix, Maryland
Case Number 2006-0303-BA2
Facility I.D. No. 12342

Prepared By:
Kleinfelder East, Inc.
1340 Charwood Road, Suite I
Hanover, MD 21076

Prepared For:
ExxonMobil Environmental
Services Company
7715 Crittenden Street, #309
Philadelphia, PA 19118

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DOCUMENT AND ONLY FOR THE SPECIFIC PROJECT FOR WHICH THIS REPORT WAS PREPARED.

FEDEX: 778014504804

December 22, 2016

Mr. Christopher Ralston
Maryland Department of the Environment
Remediation Division, Oil Control Program
1800 Washington Blvd., Suite 620
Baltimore, MD 21230-1719

RE: Annual Monitoring Well Concentration / Groundwater Elevation and
Annual Private Supply Well Concentration Charts
Inactive Exxon Facility #28077
14258 Jarrettsville Pike
Phoenix, Maryland
Case Number 2006-0303-BA2
Facility I.D. No. 12342
Kleinfelder Project No.: 20163496

Dear Mr. Ralston:

Enclosed please find the annual monitoring well charts depicting groundwater elevation and MTBE (methyl tertiary butyl ether), benzene, and BTEX (benzene, toluene, ethylbenzene, and xylenes) concentrations over time. Also enclosed please find the requested Private Supply Well charts depicting MTBE (Methyl tertiary-Butyl Ether), benzene, and total BTEX (benzene, toluene, ethylbenzene, and xylenes) concentrations over time. As requested, these charts are updated and delivered annually.

As previously communicated to the MDE, the following changes have been made to the annual monitoring well and private supply well charts for 2016:

- The charts are now prepared for the most recent three year time period, rather than the full history of the project;

- Monitoring well charting has been focused on the wells reported in the monthly analytical data update;

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- Private supply well charting has been focused on wells that meet specific criteria:
  - Detections of gasoline constituents above 10% of criteria in the charting timeframe
  - Historical (pre-2008) LPH
  - Active recovery
  - Monitoring wells installed on the property
  - One property adjacent to 3627A SSA which has had a recent low-level increasing trend of MTBE

Please feel free to contact us at 410.850.0404 if you have questions or require additional information.

Sincerely,

KLEINFELDER

Stacey Schiding
Project Manager

cc: Mr. John J. Hoban - Exxon Mobil Corporation (Kleinfelder File)
Ms. Ellen Jackson - Maryland Department of the Environment
Mr. Andrew Miller - Maryland Department of the Environment
Carlos Bollar, Esquire - Archer & Greiner, P.C.

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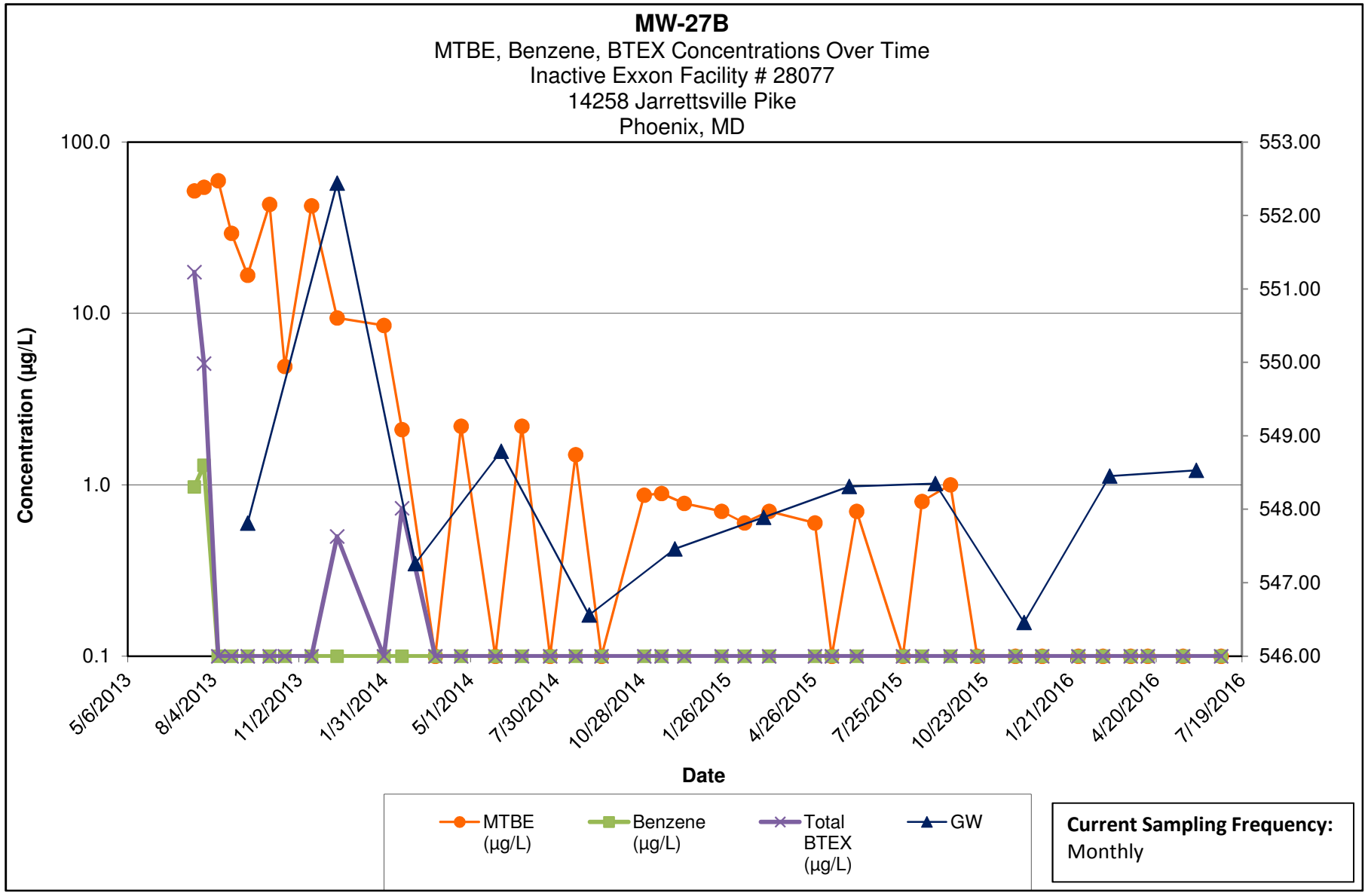
MONITORING WELL CHARTS



Note:

1.) ND results are charted as "0.1" to avoid confusion with estimated "J" values.

2.) [R] - indicates well was used for remediation at time of reporting.

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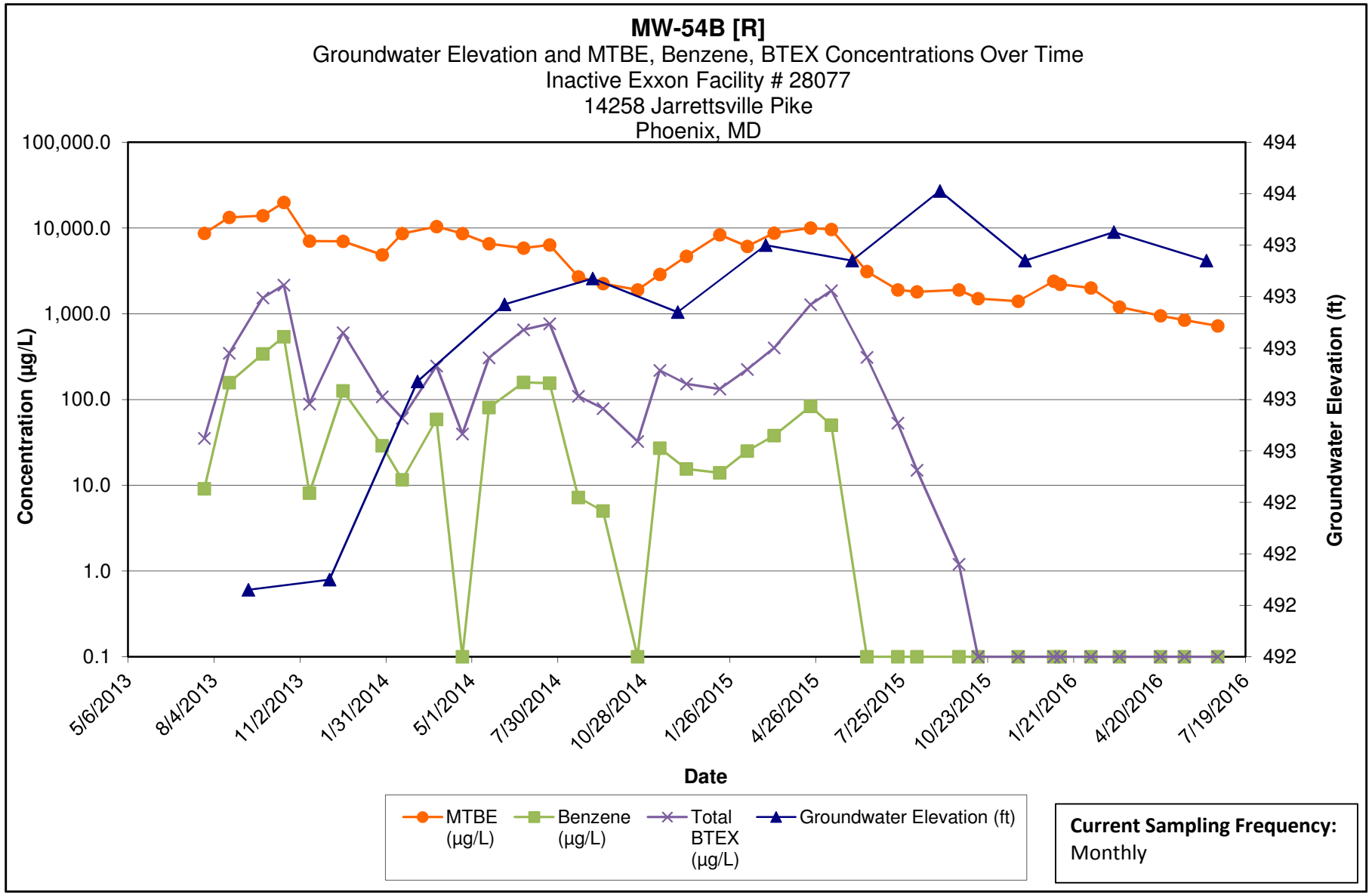

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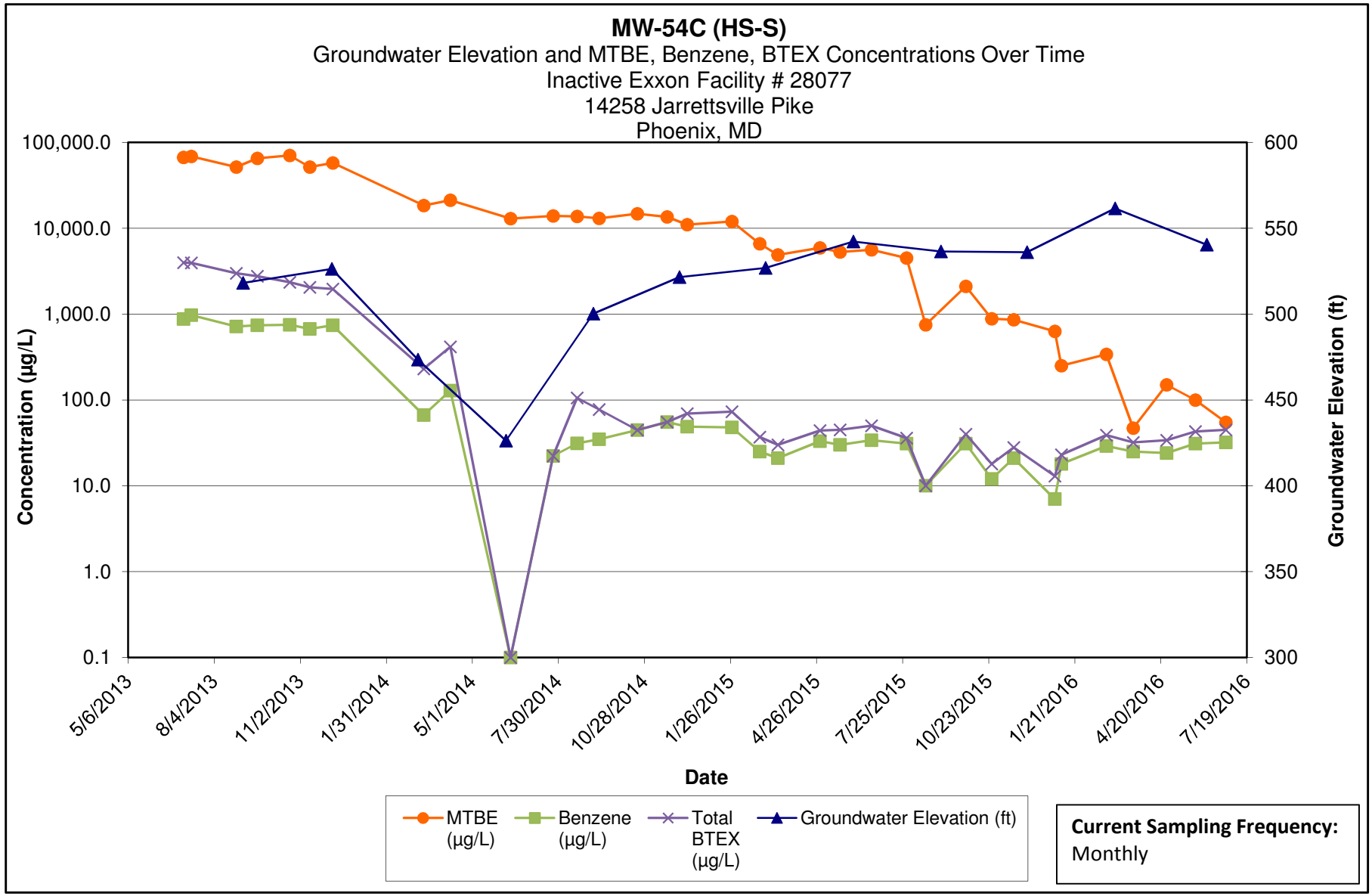

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2.)HS-S = Shallow composite HydraSleeve sampler set at half of open borehole.

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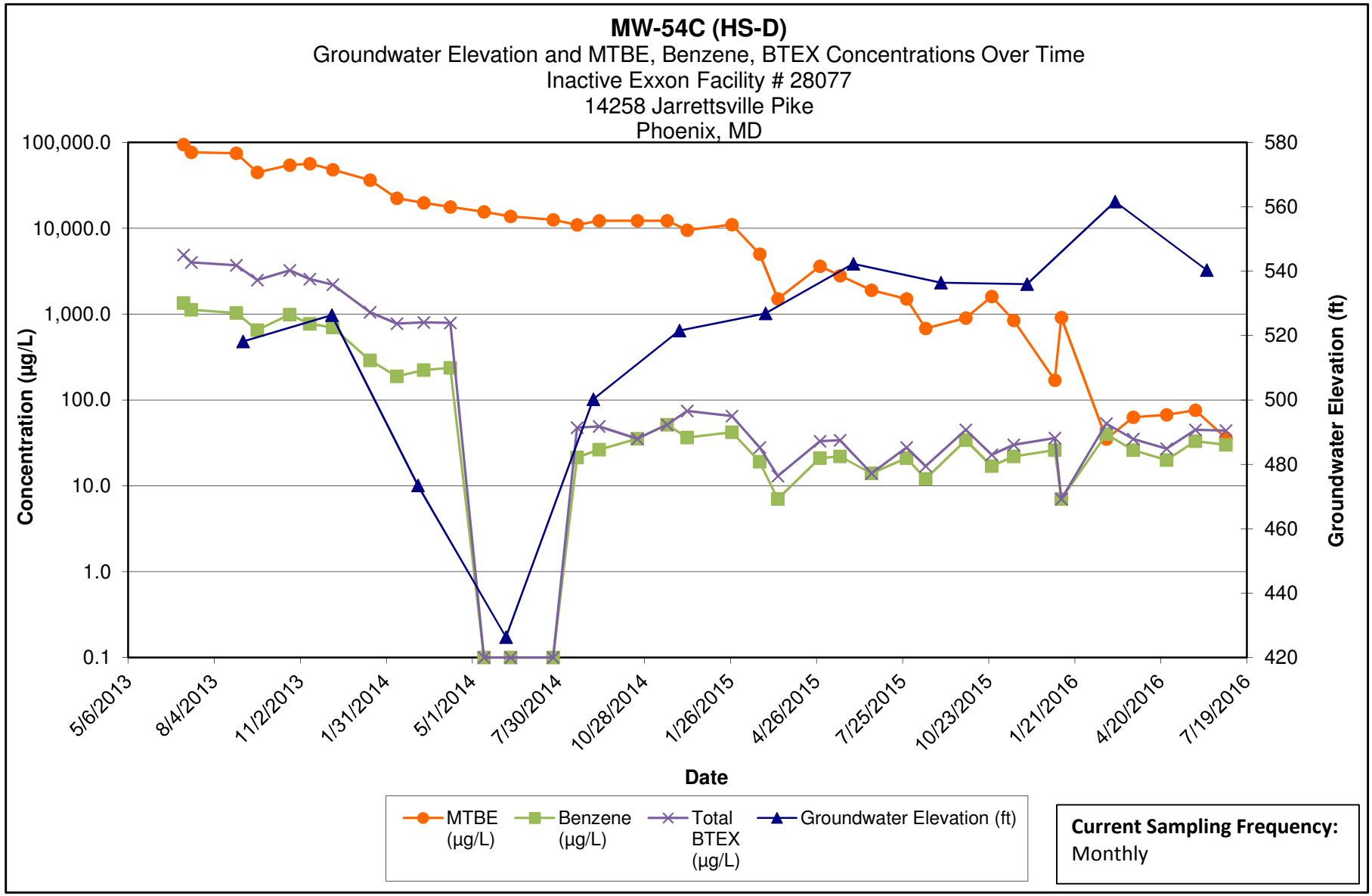

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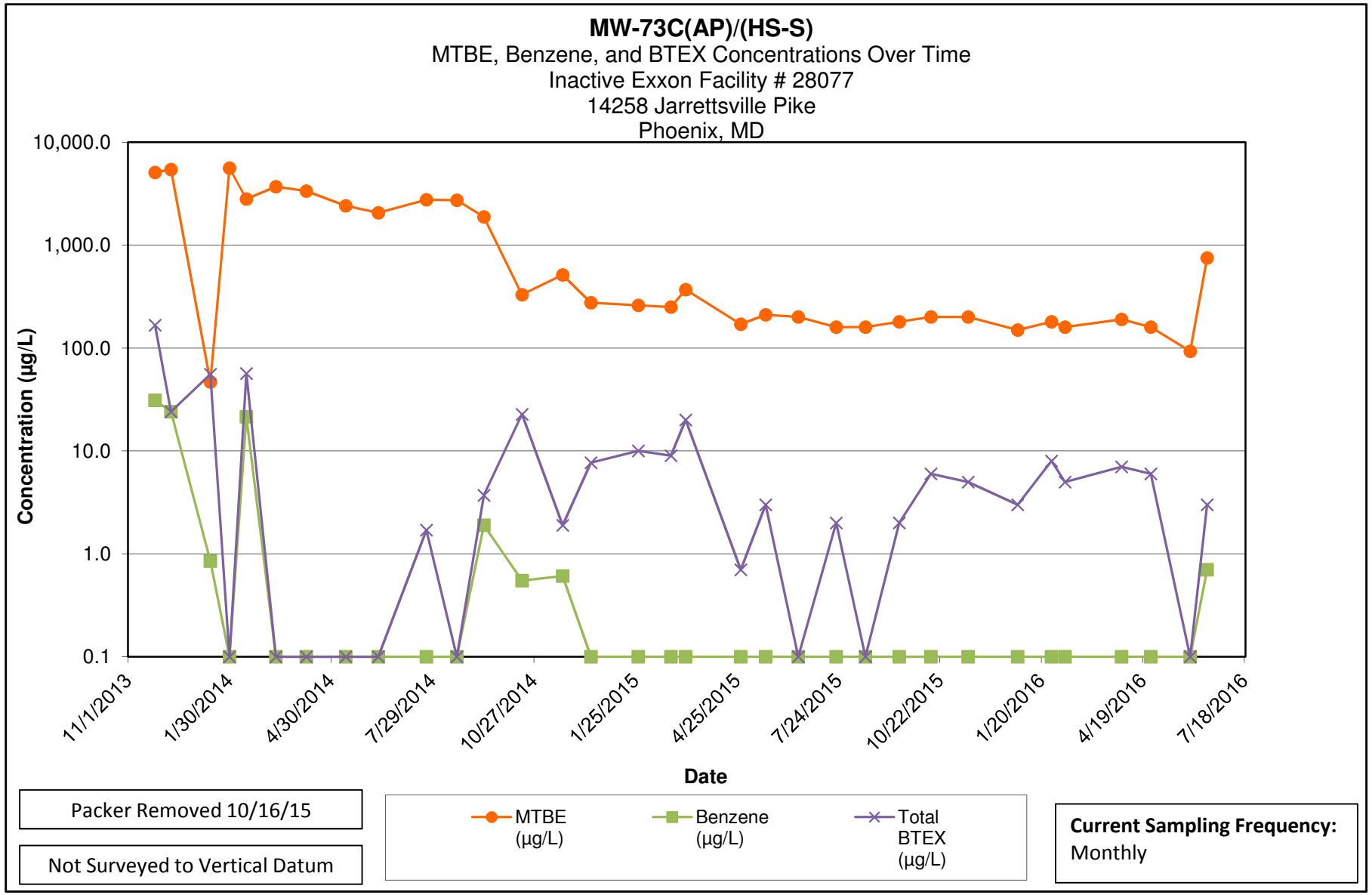

Note:

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2.) AP - Sample collected above packer (packer set at 250 feet below ground surface)

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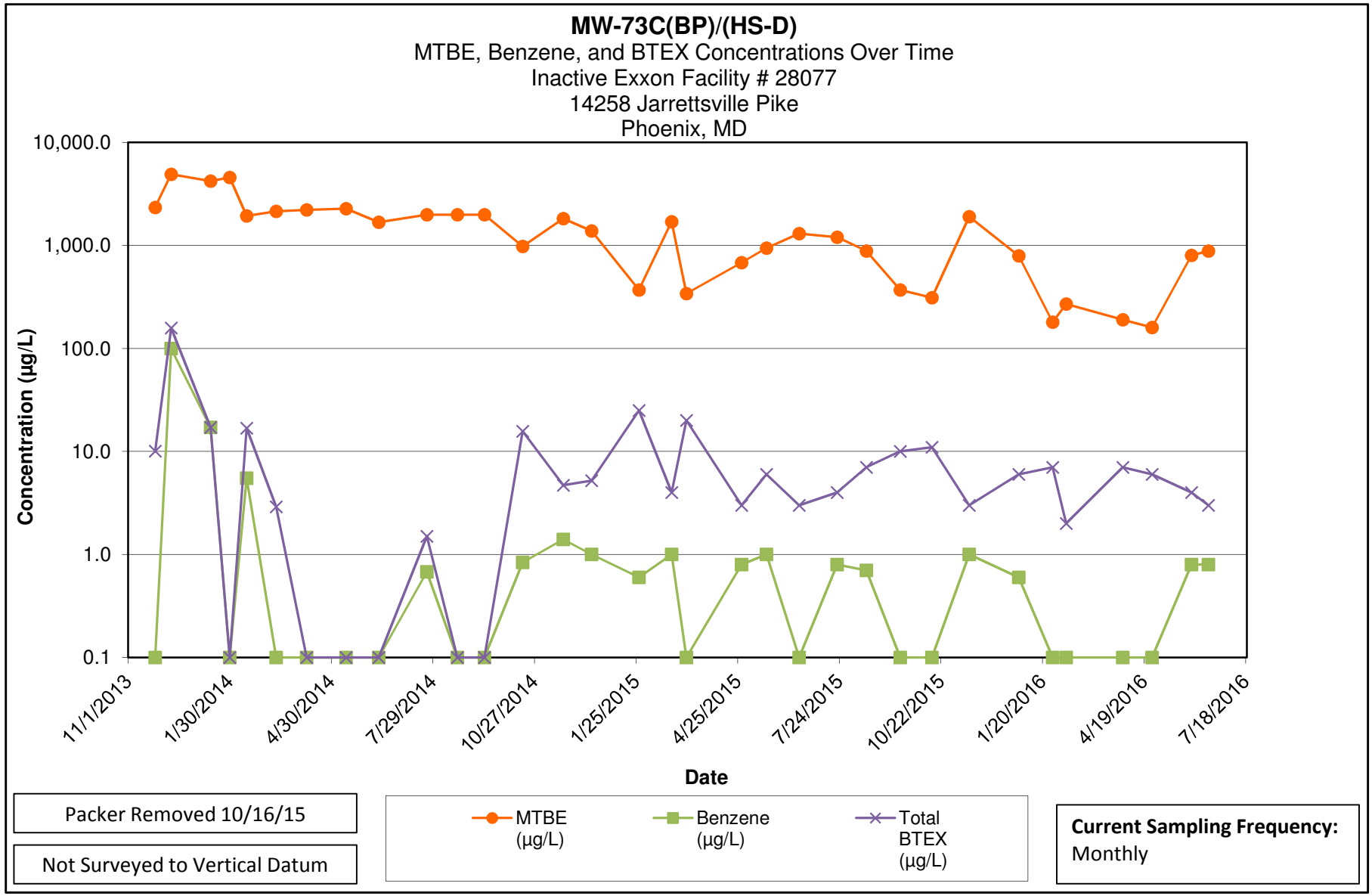

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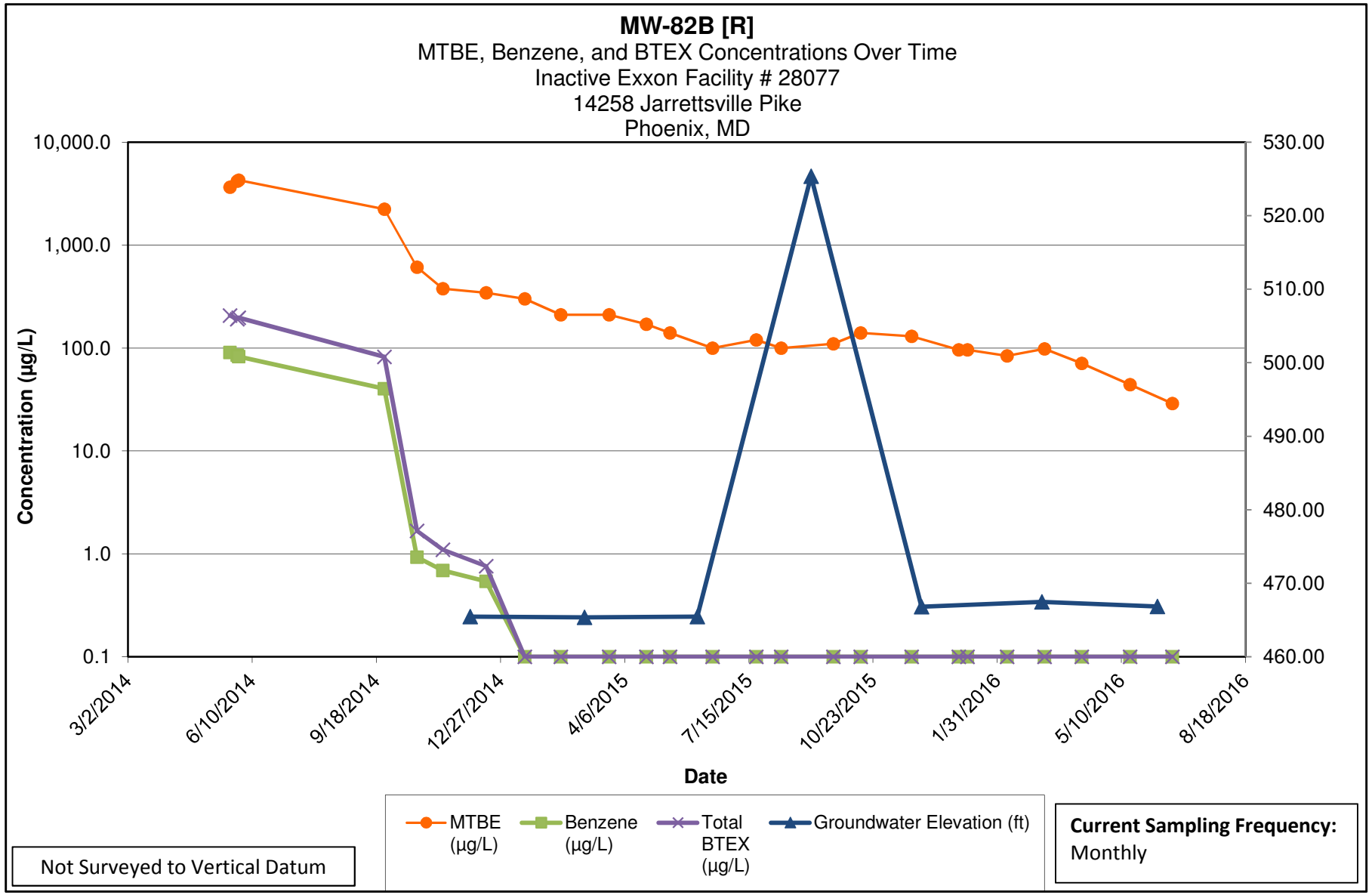

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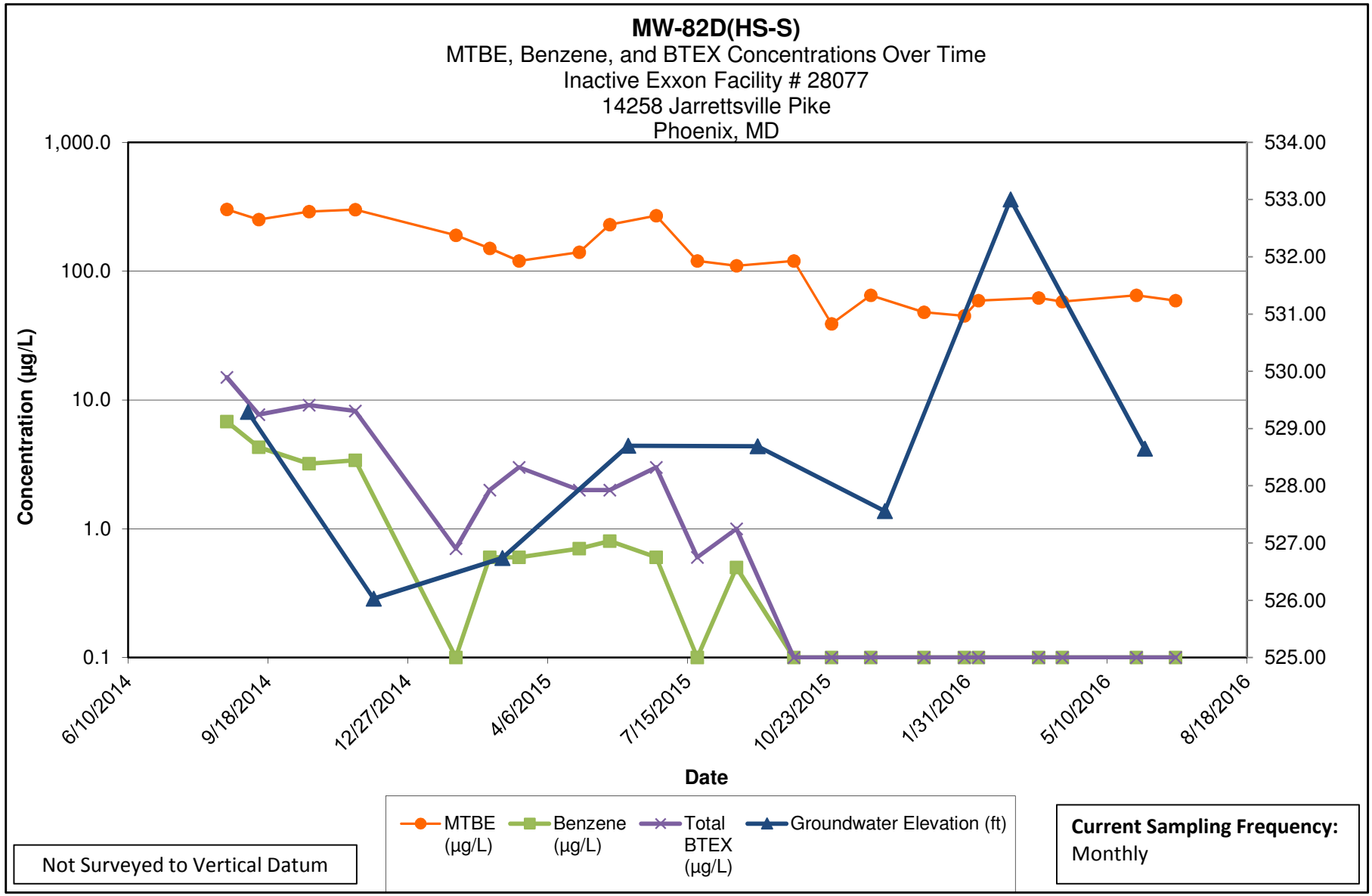

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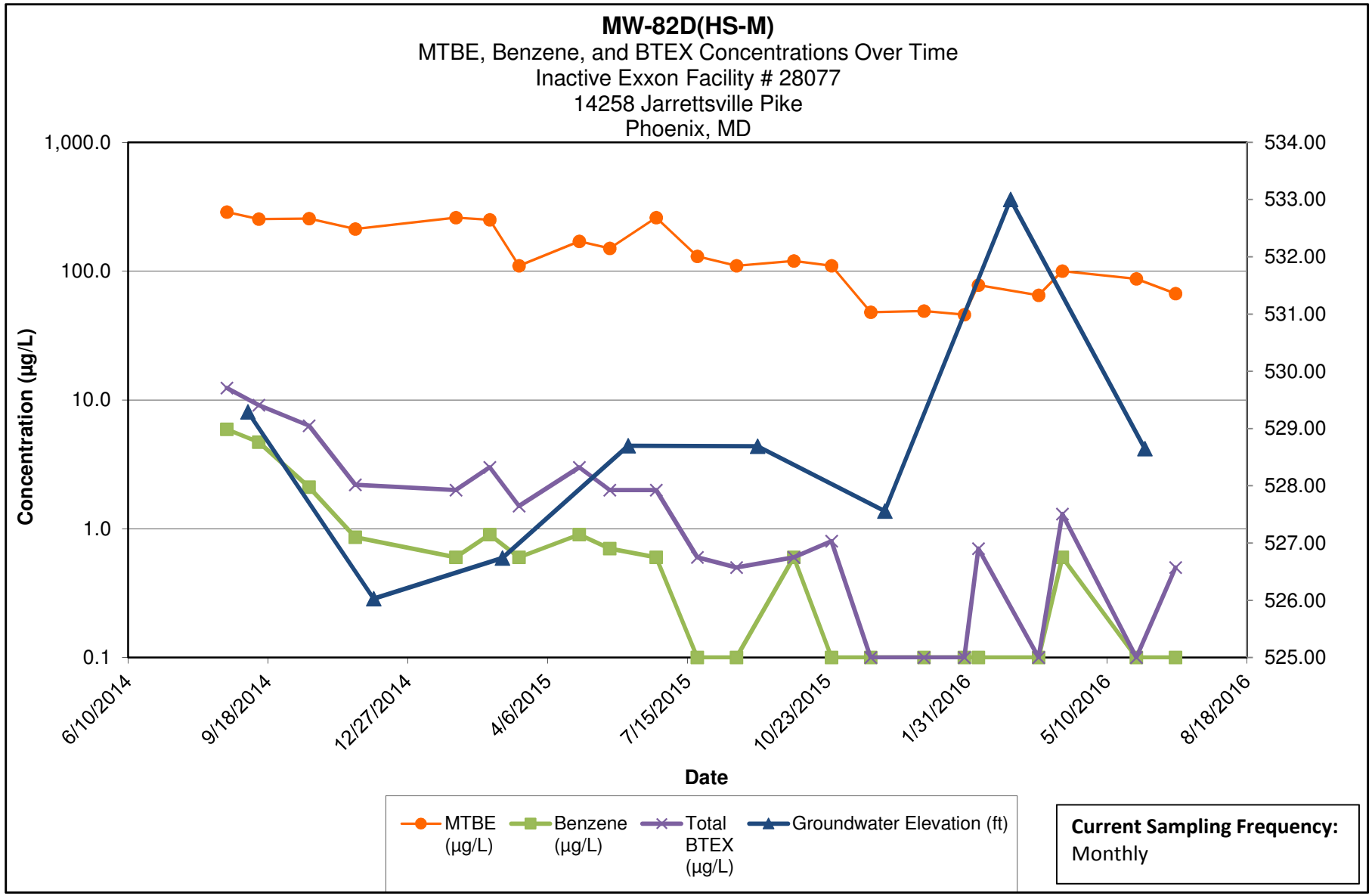

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2.)HS-M = Middle composite HydraSleeve sampler set at middle of open borehole.

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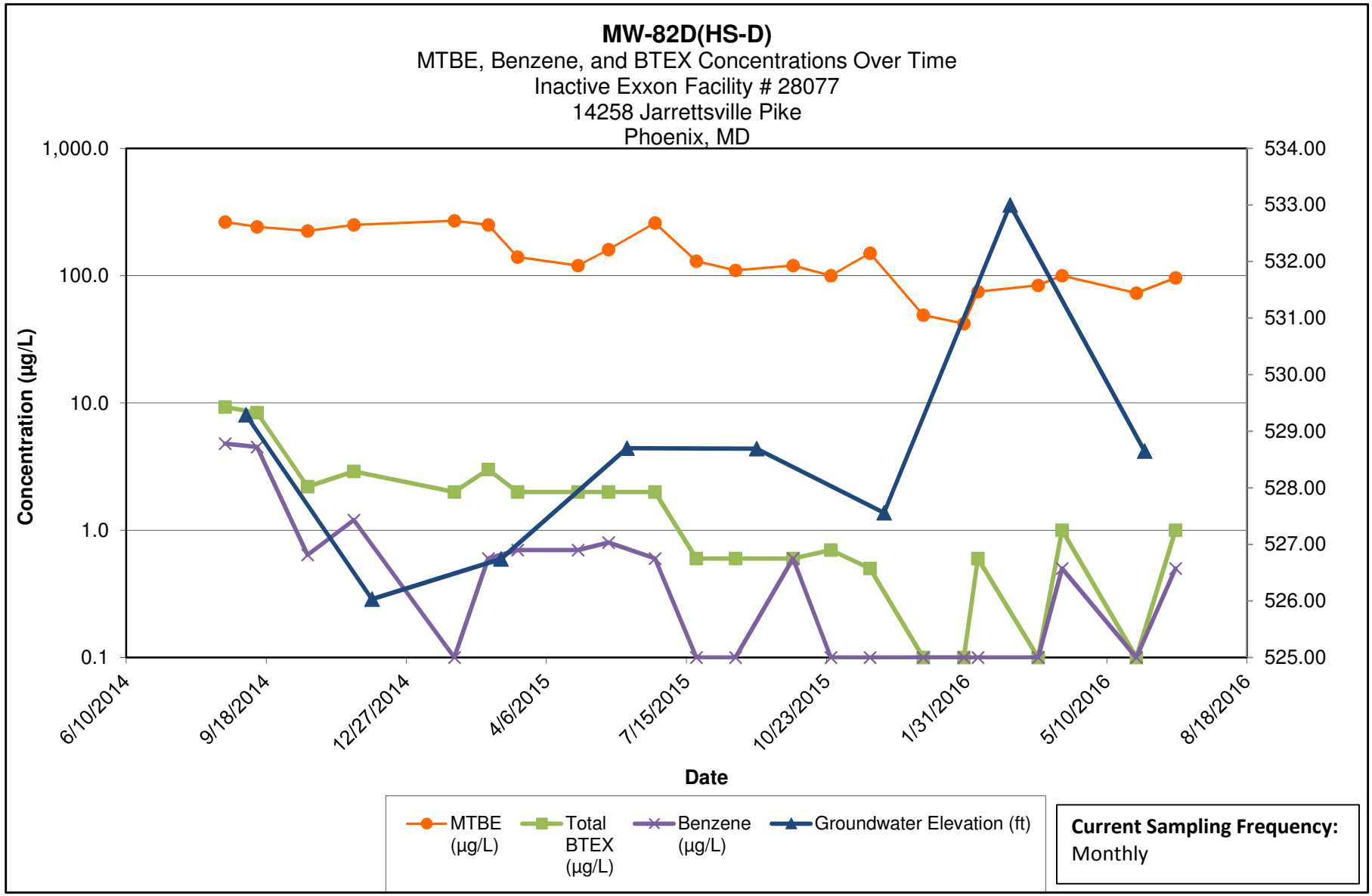

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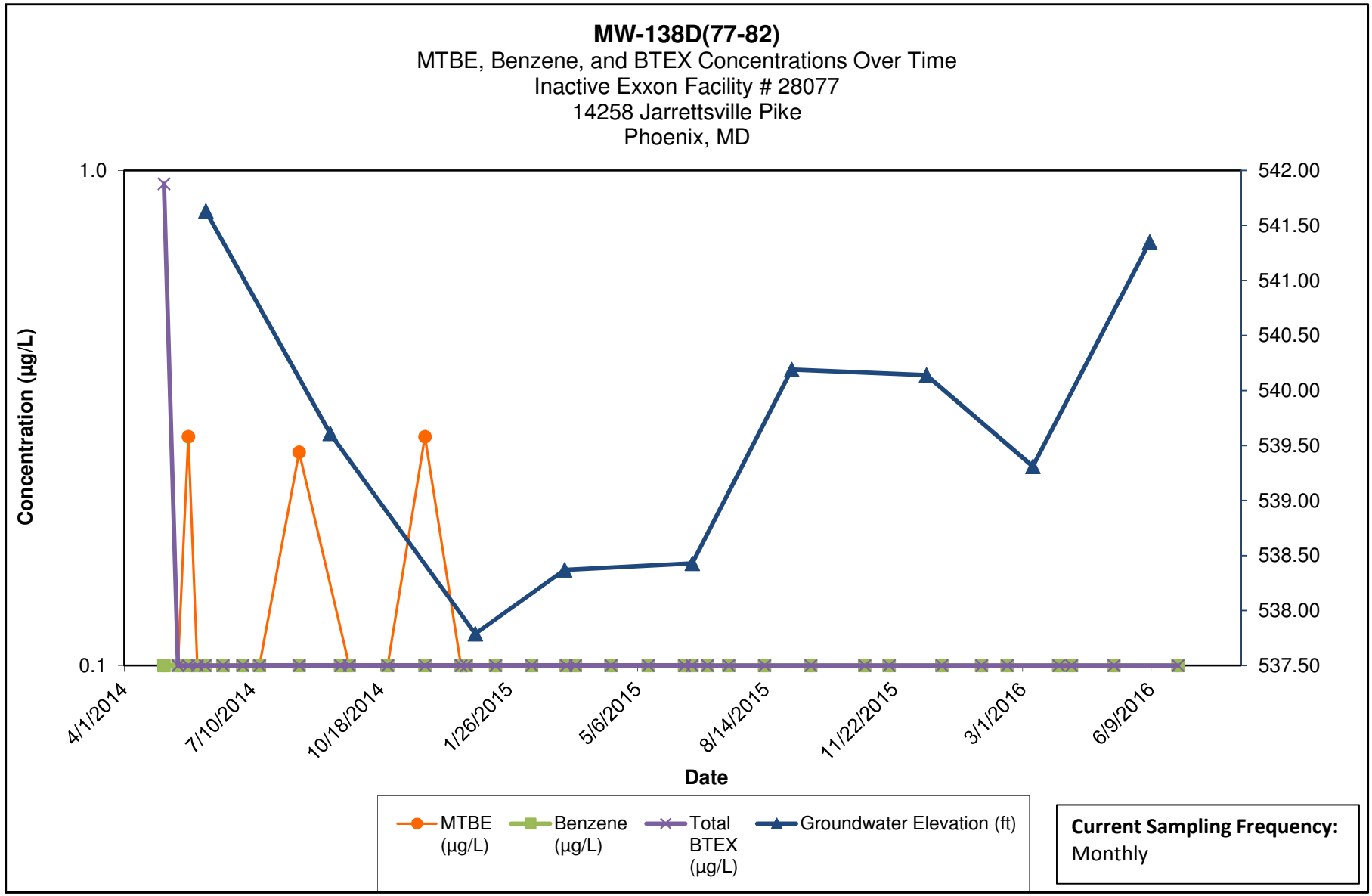

Note:

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2.) Discrete interval sampling via custom water FLUte liners.

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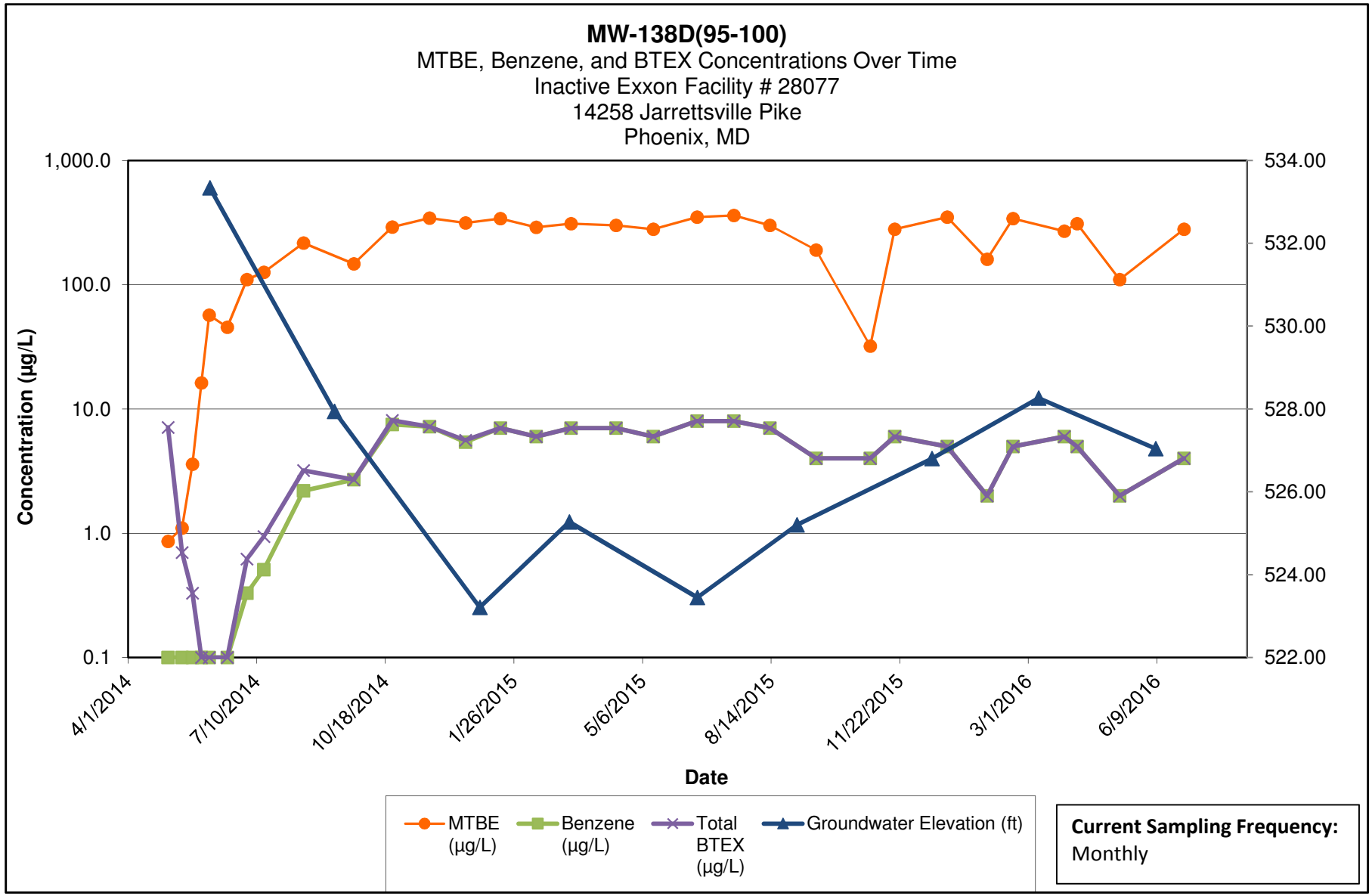

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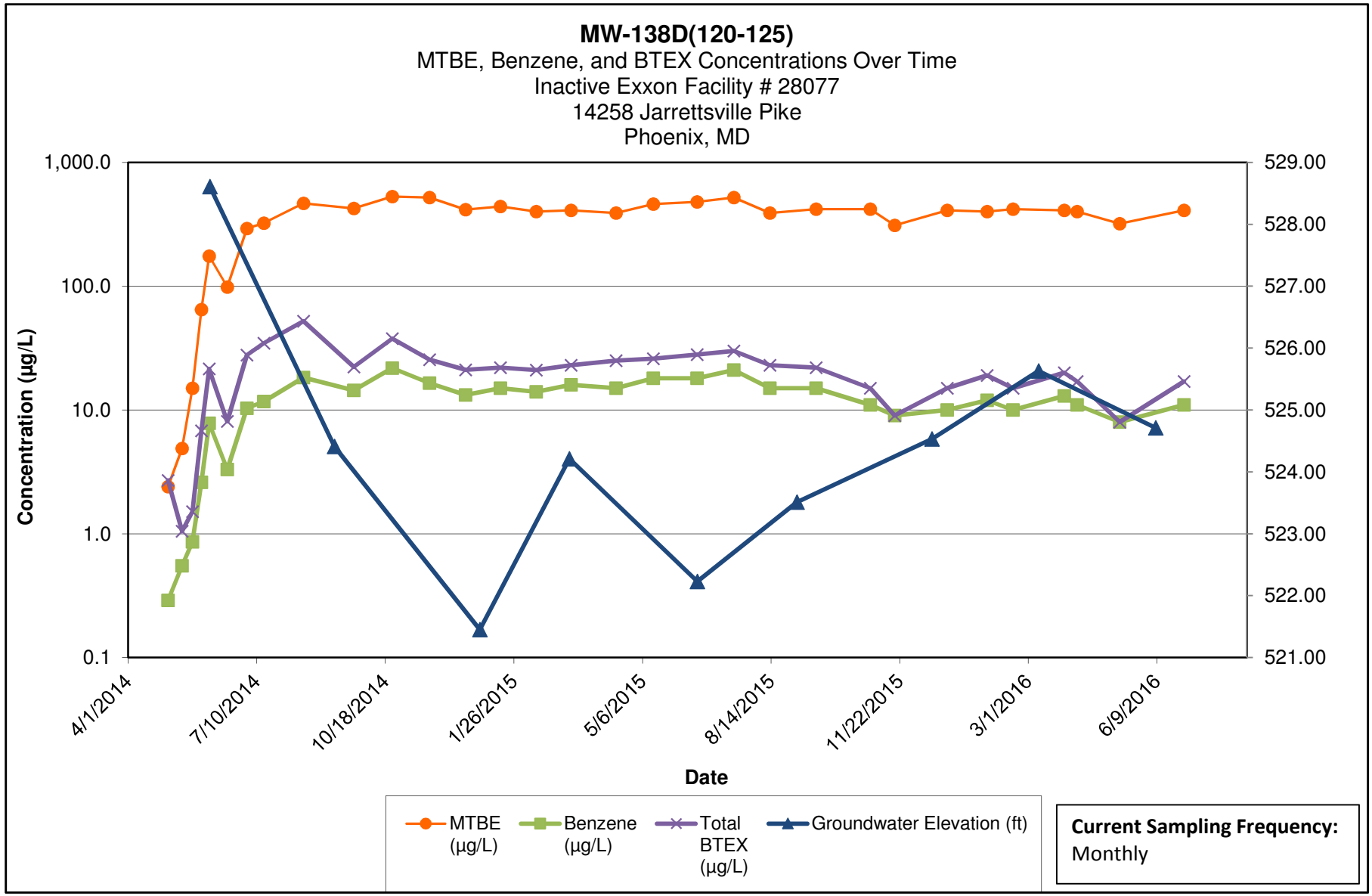

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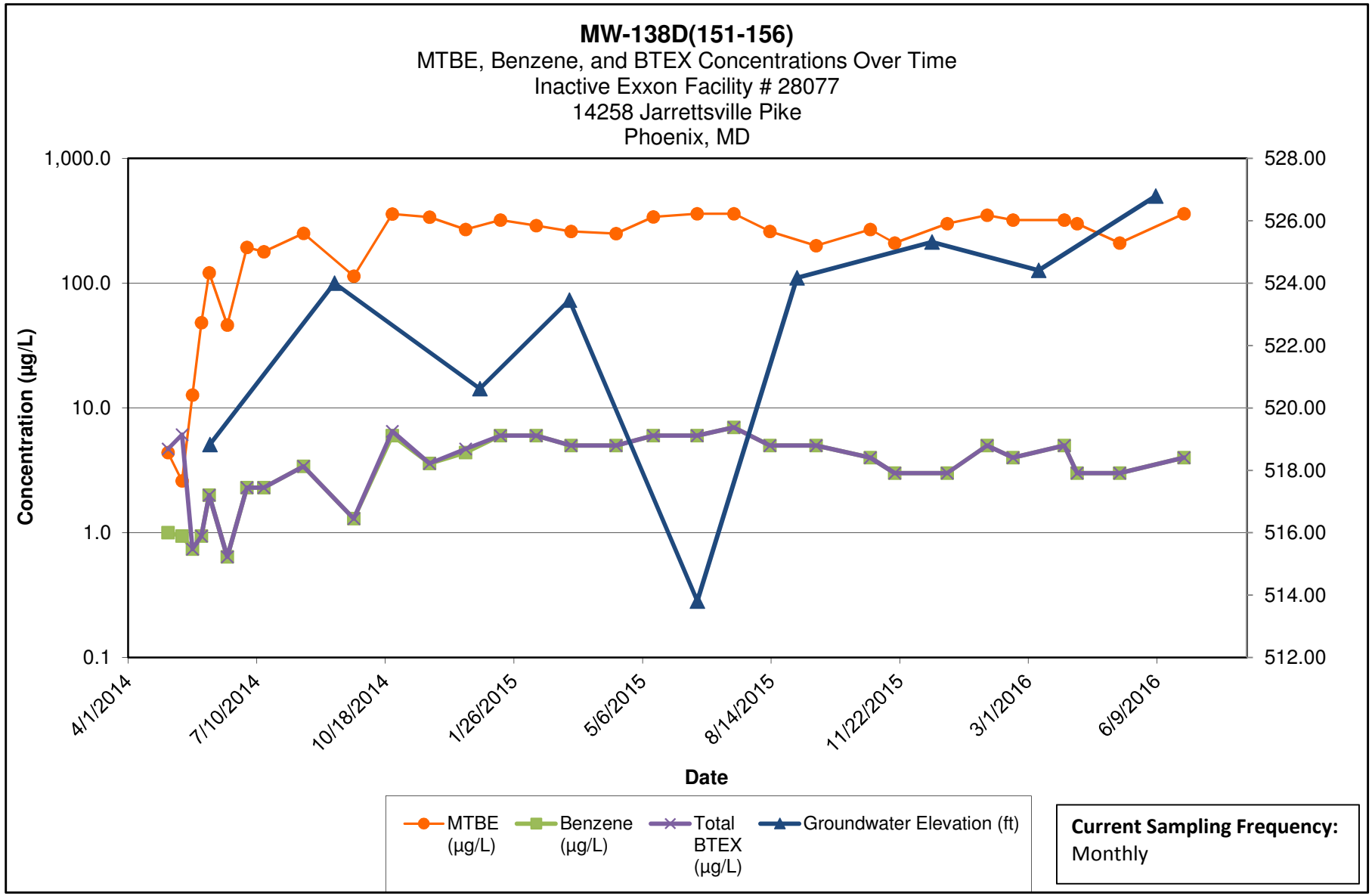

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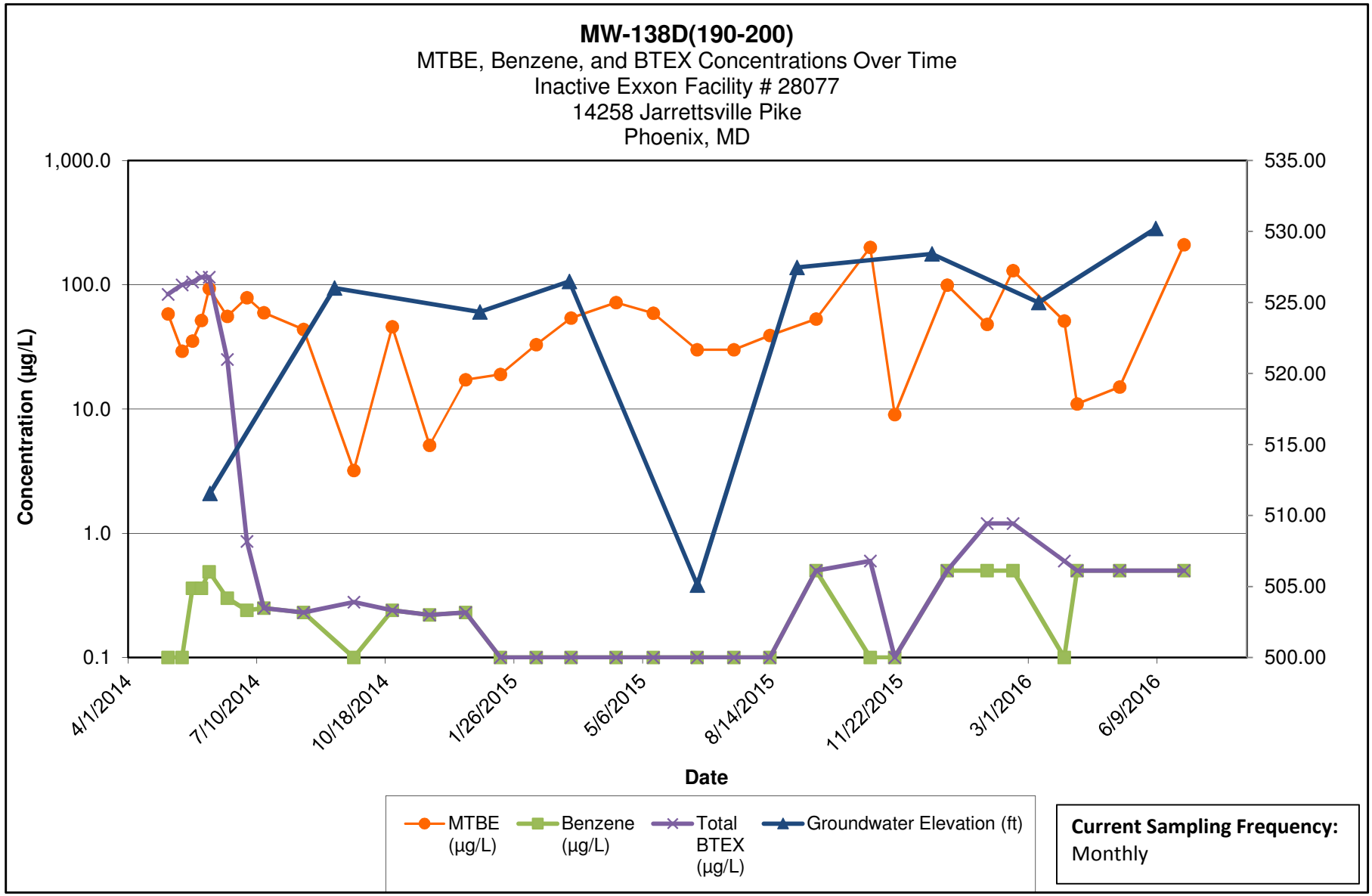

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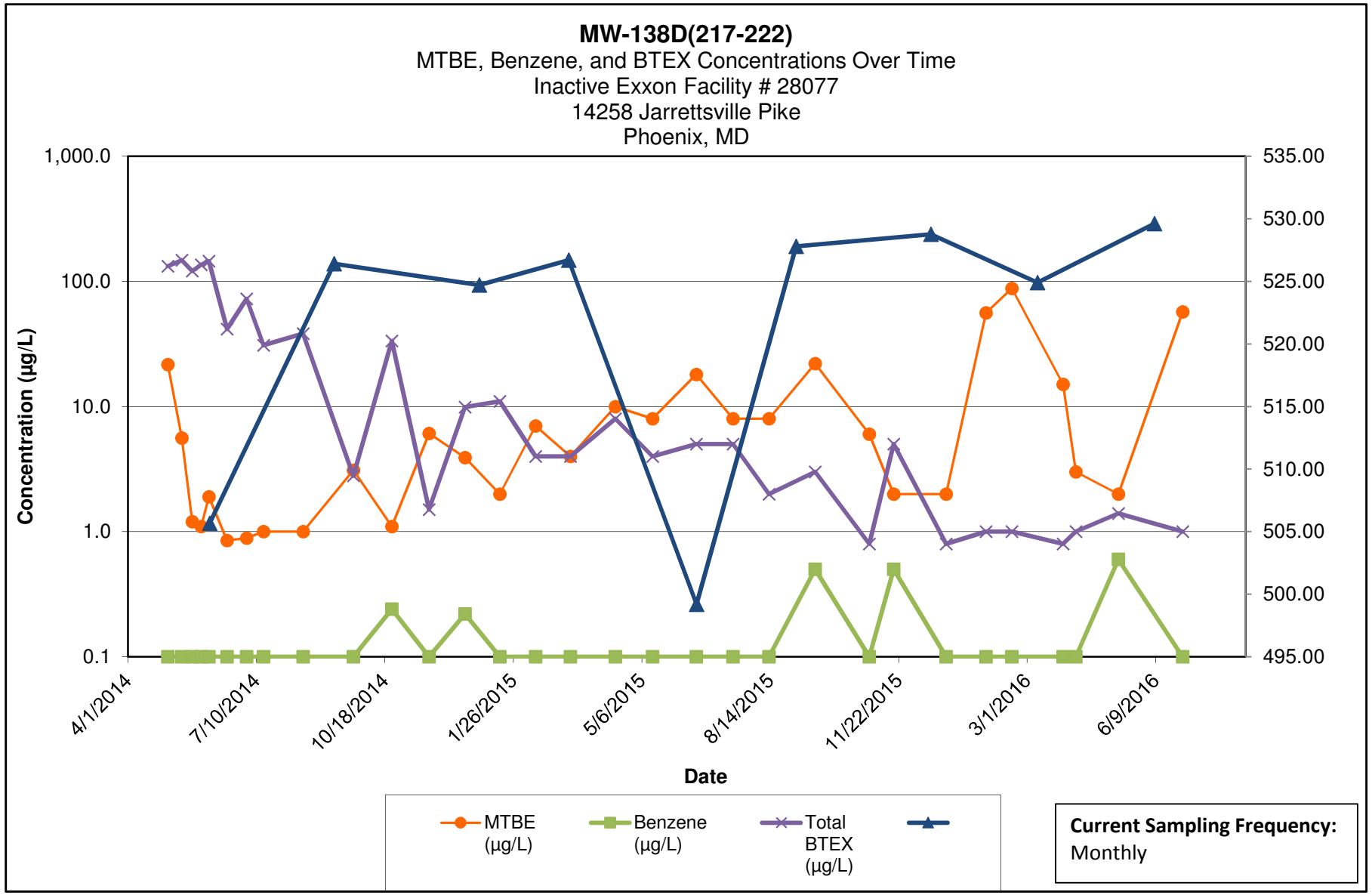

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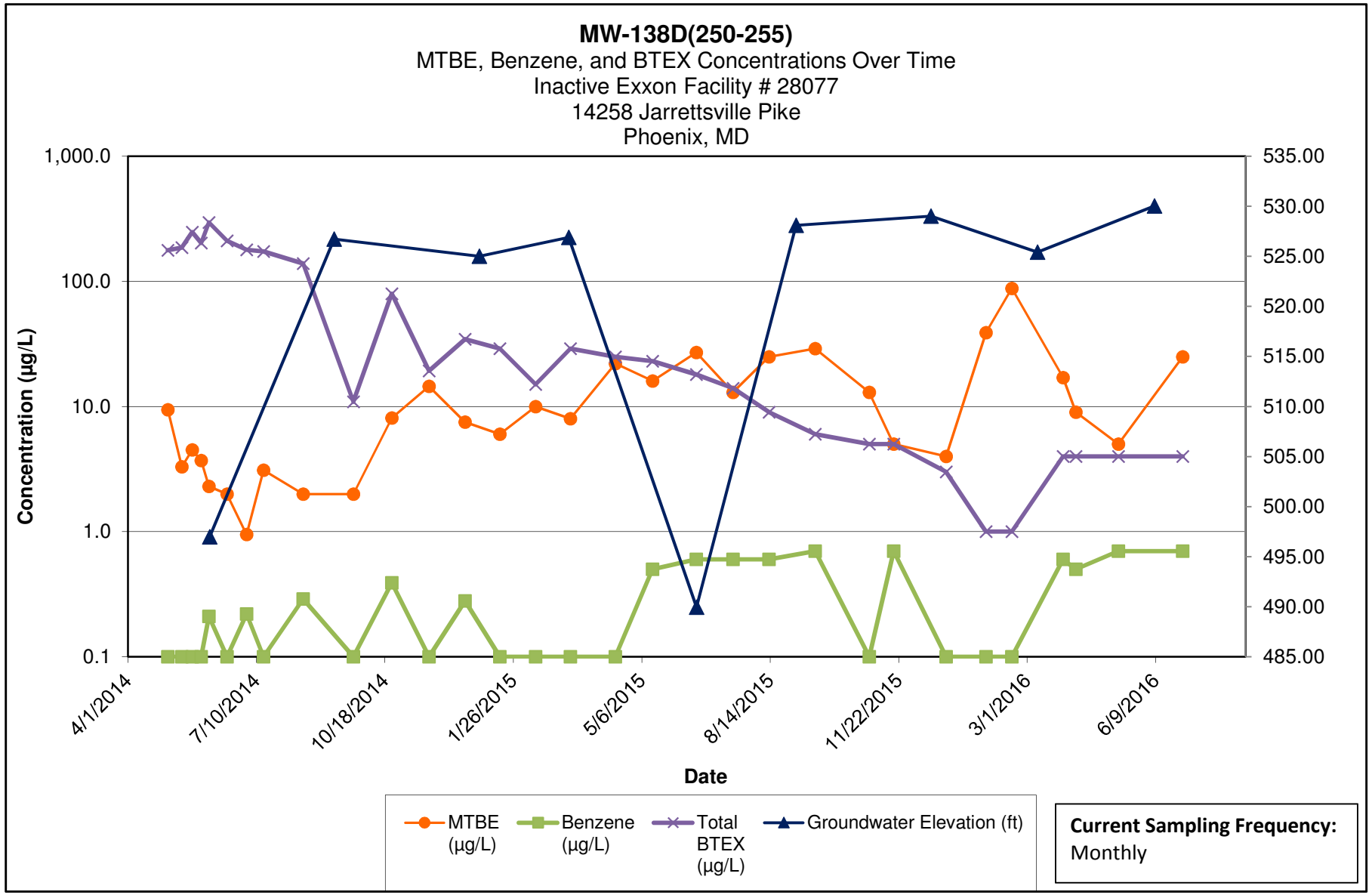

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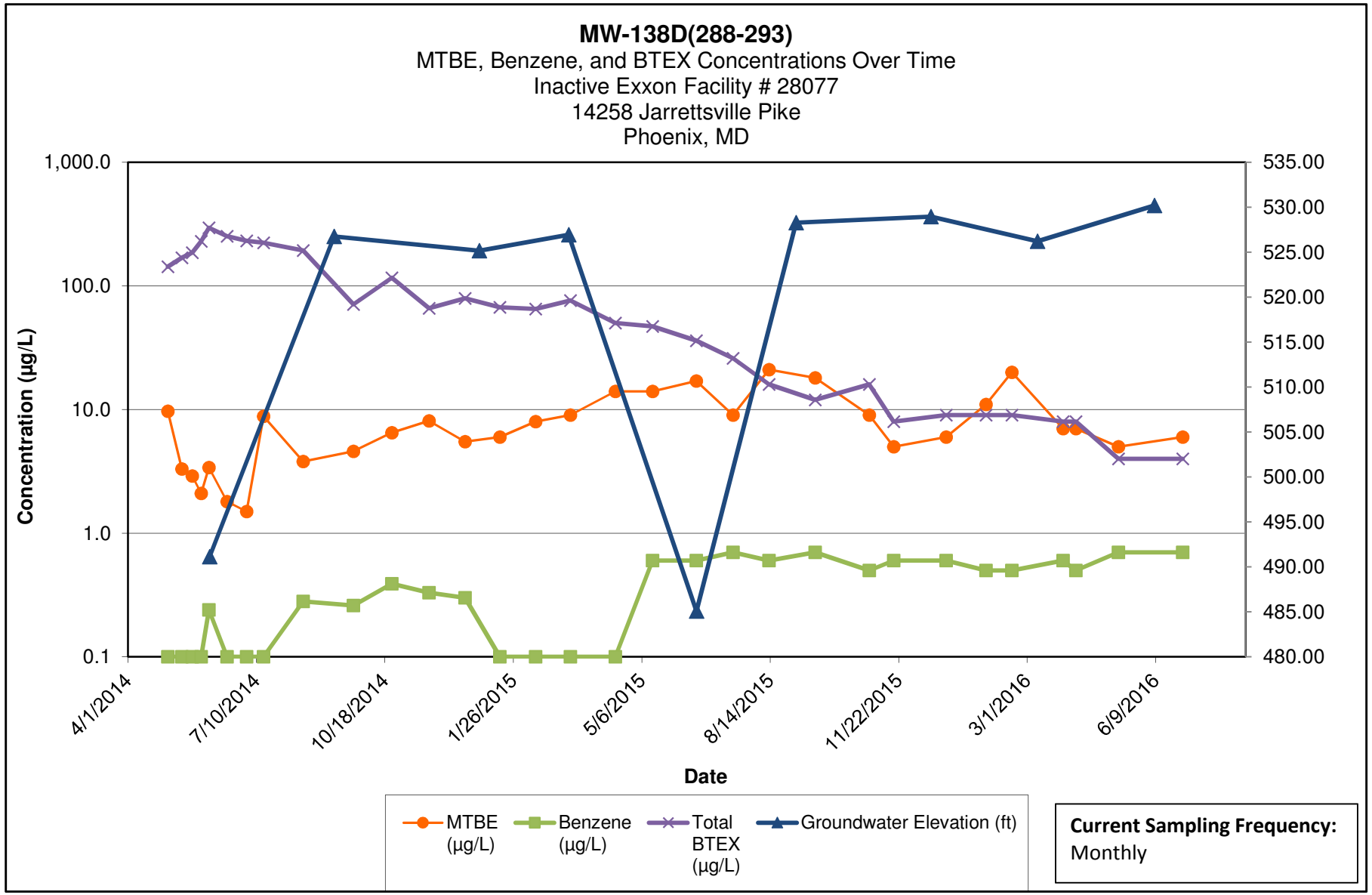

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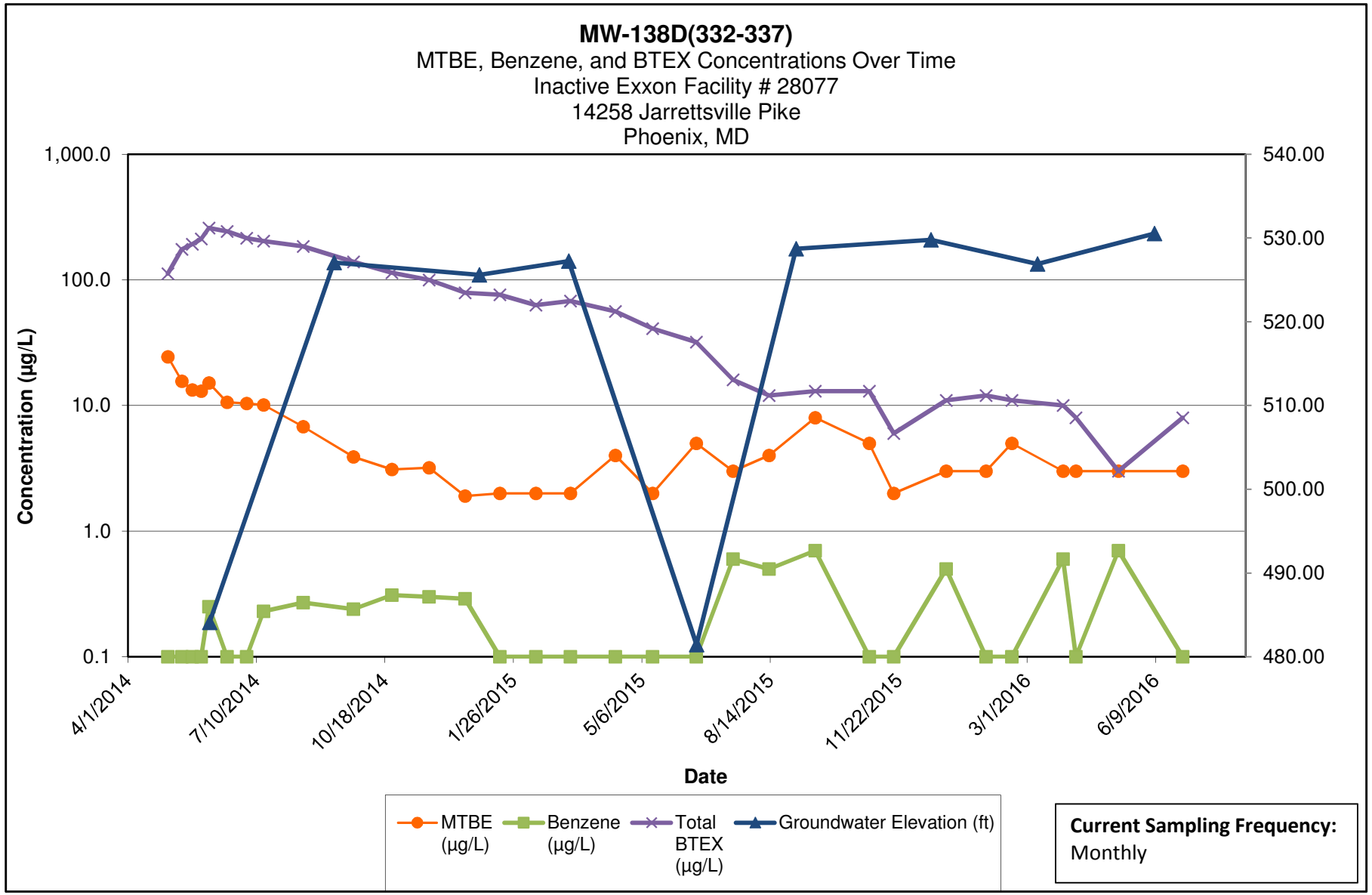

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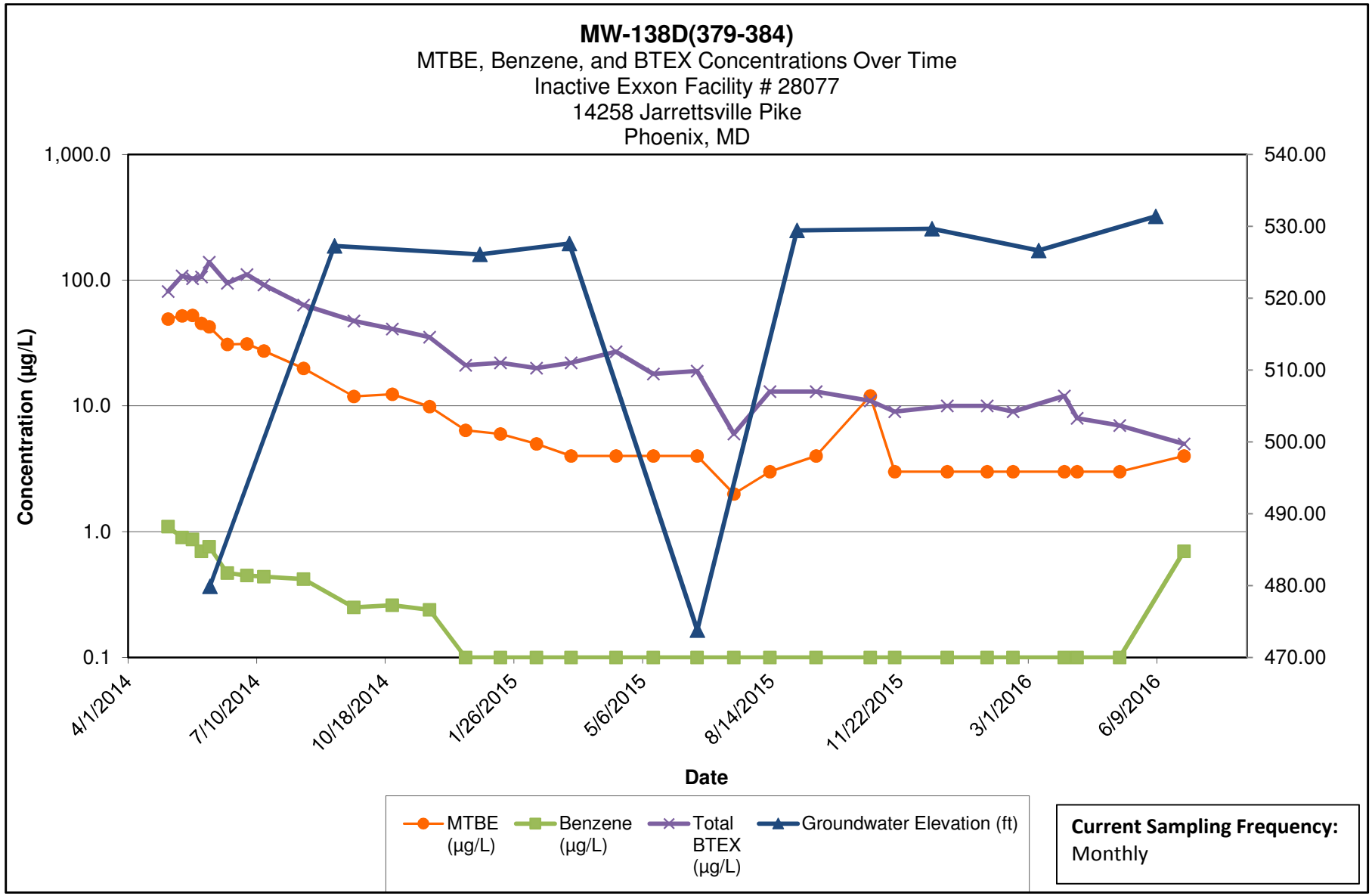

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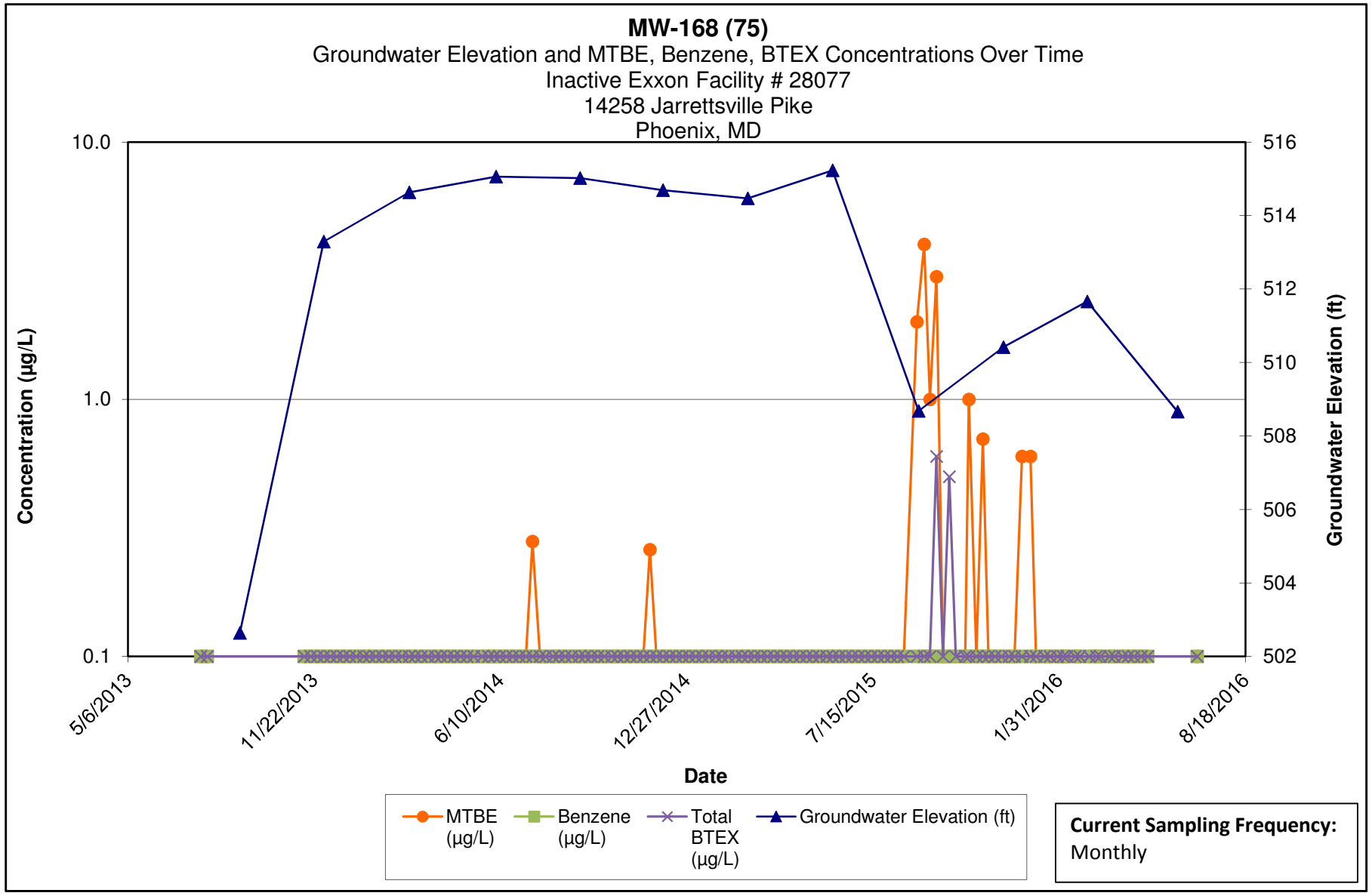

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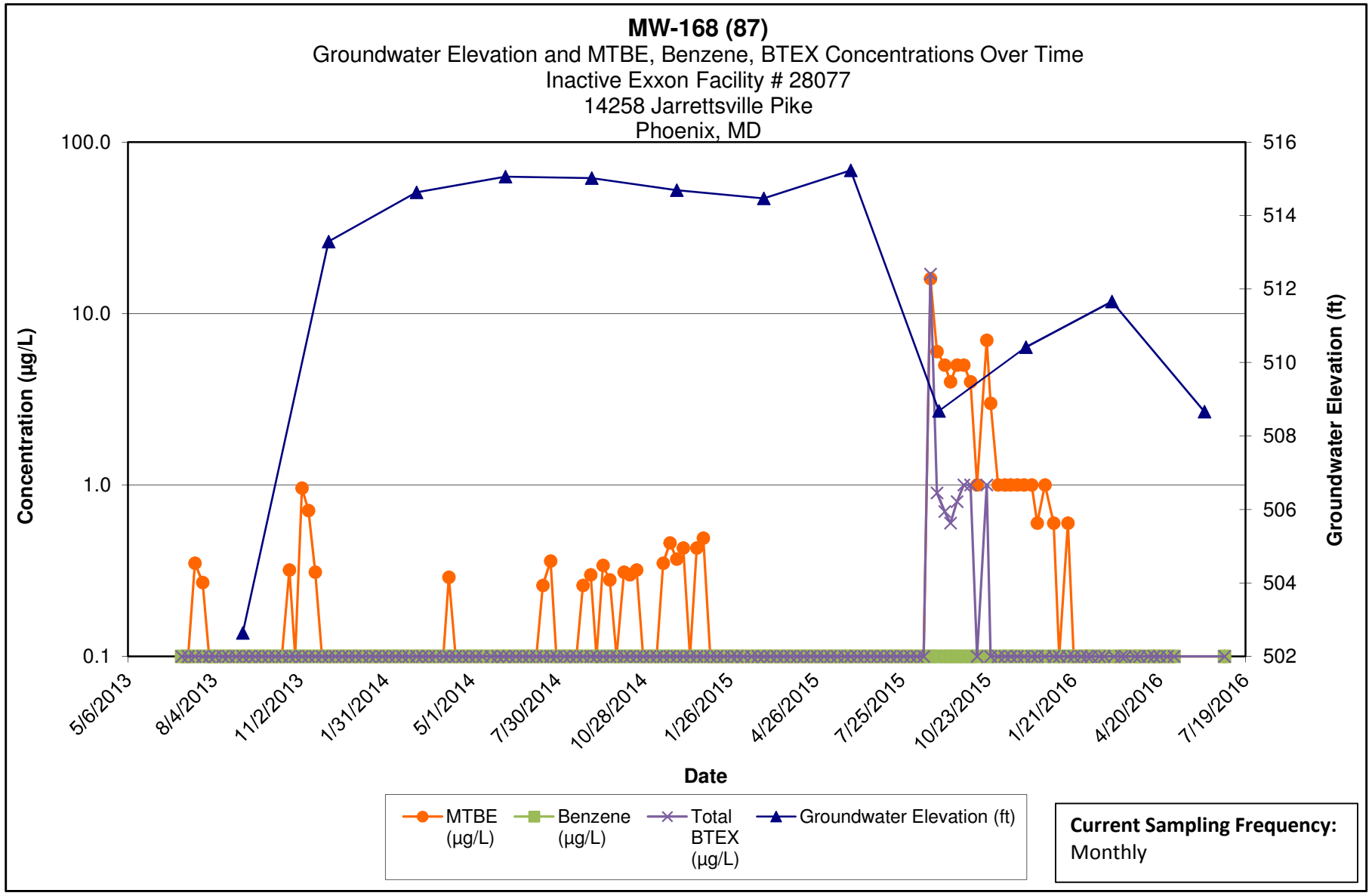

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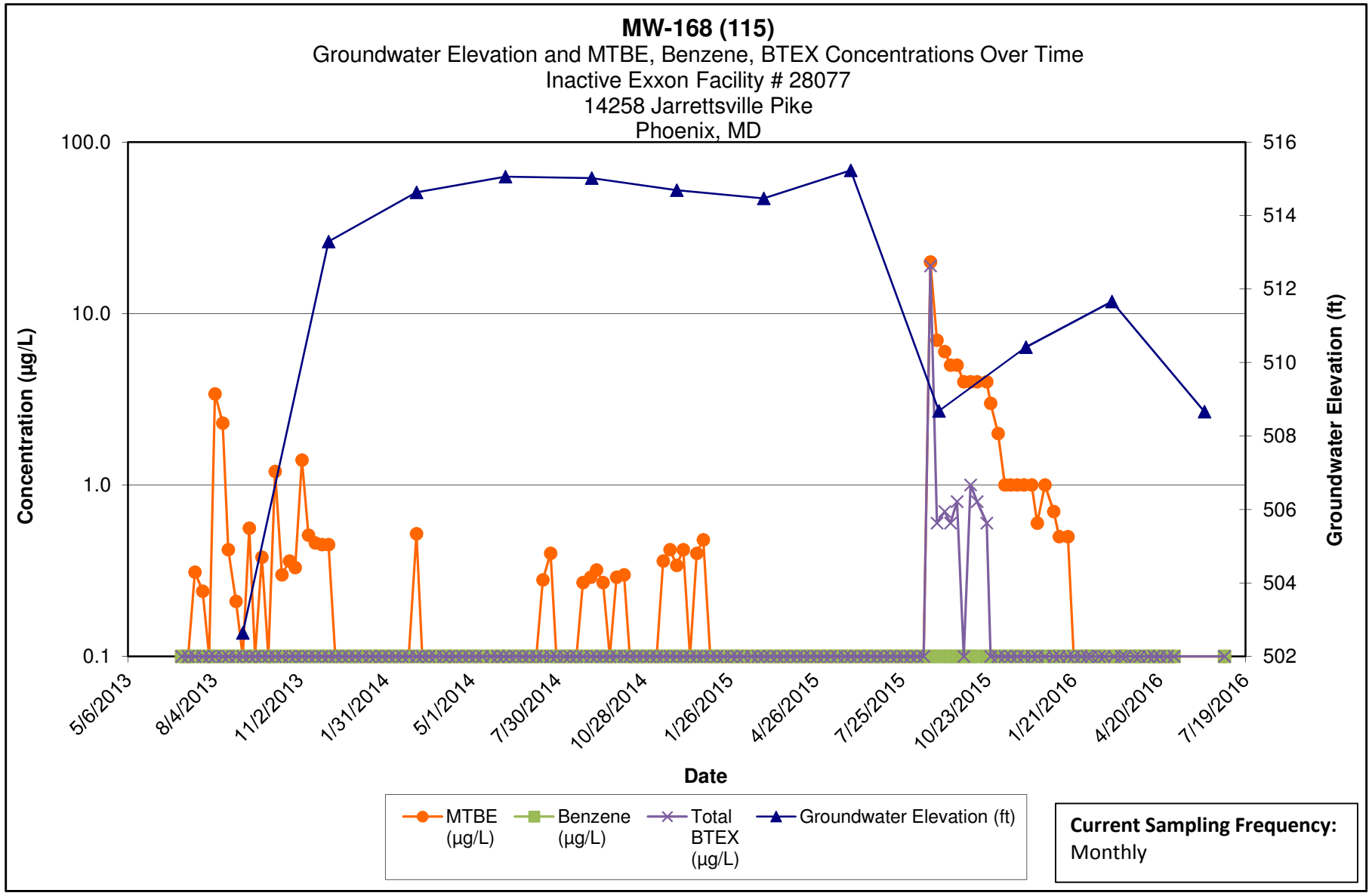

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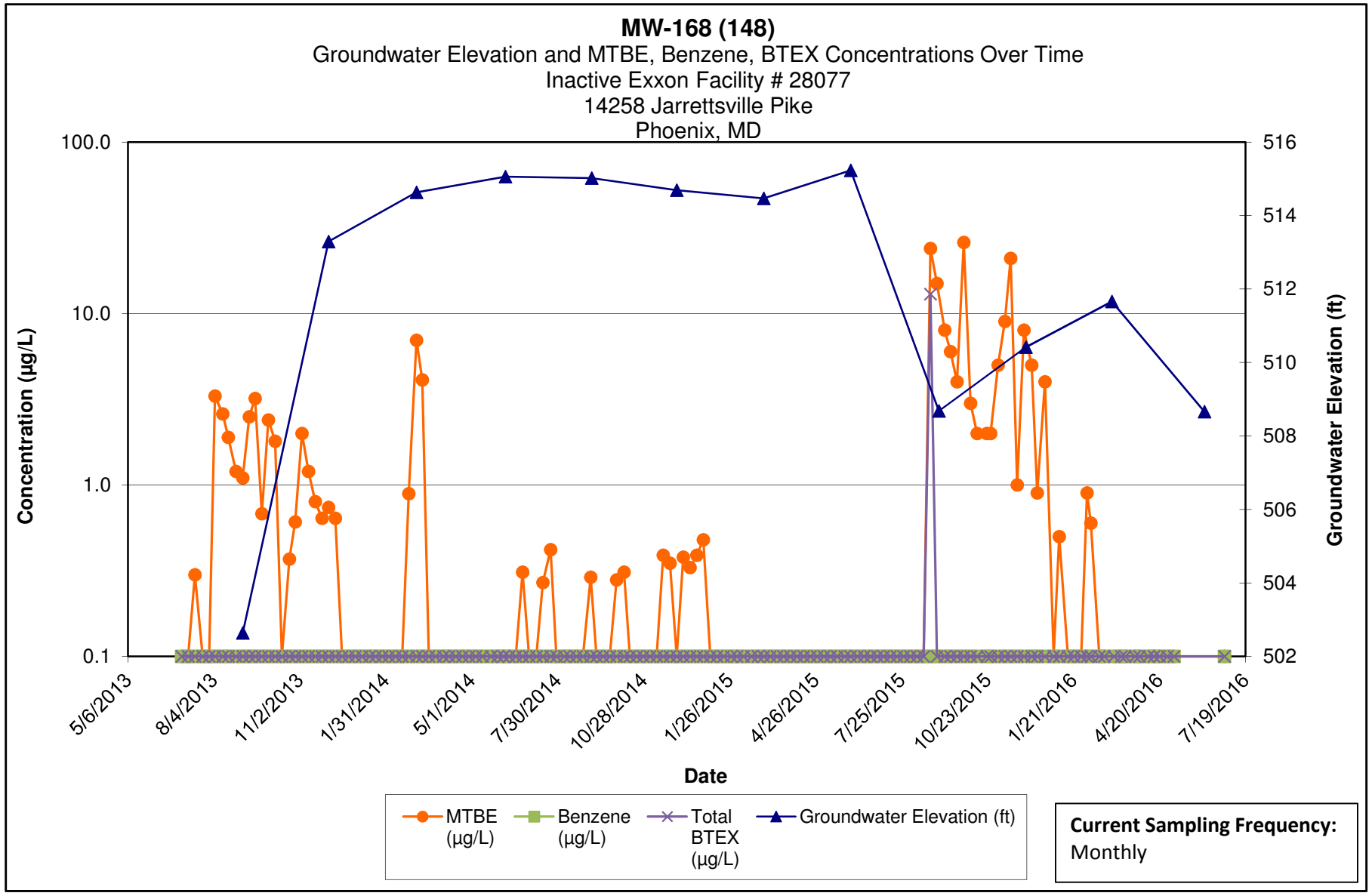

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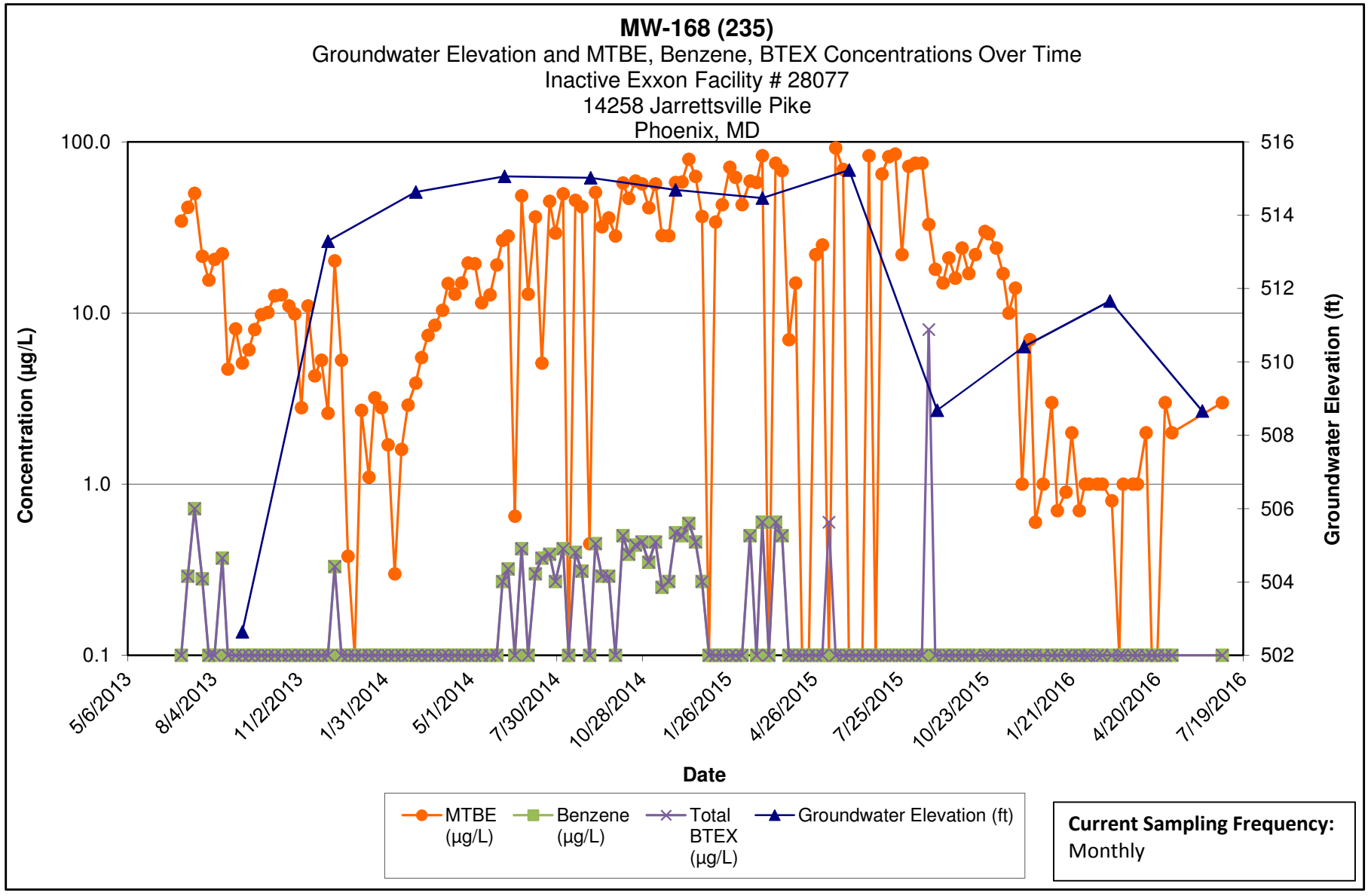

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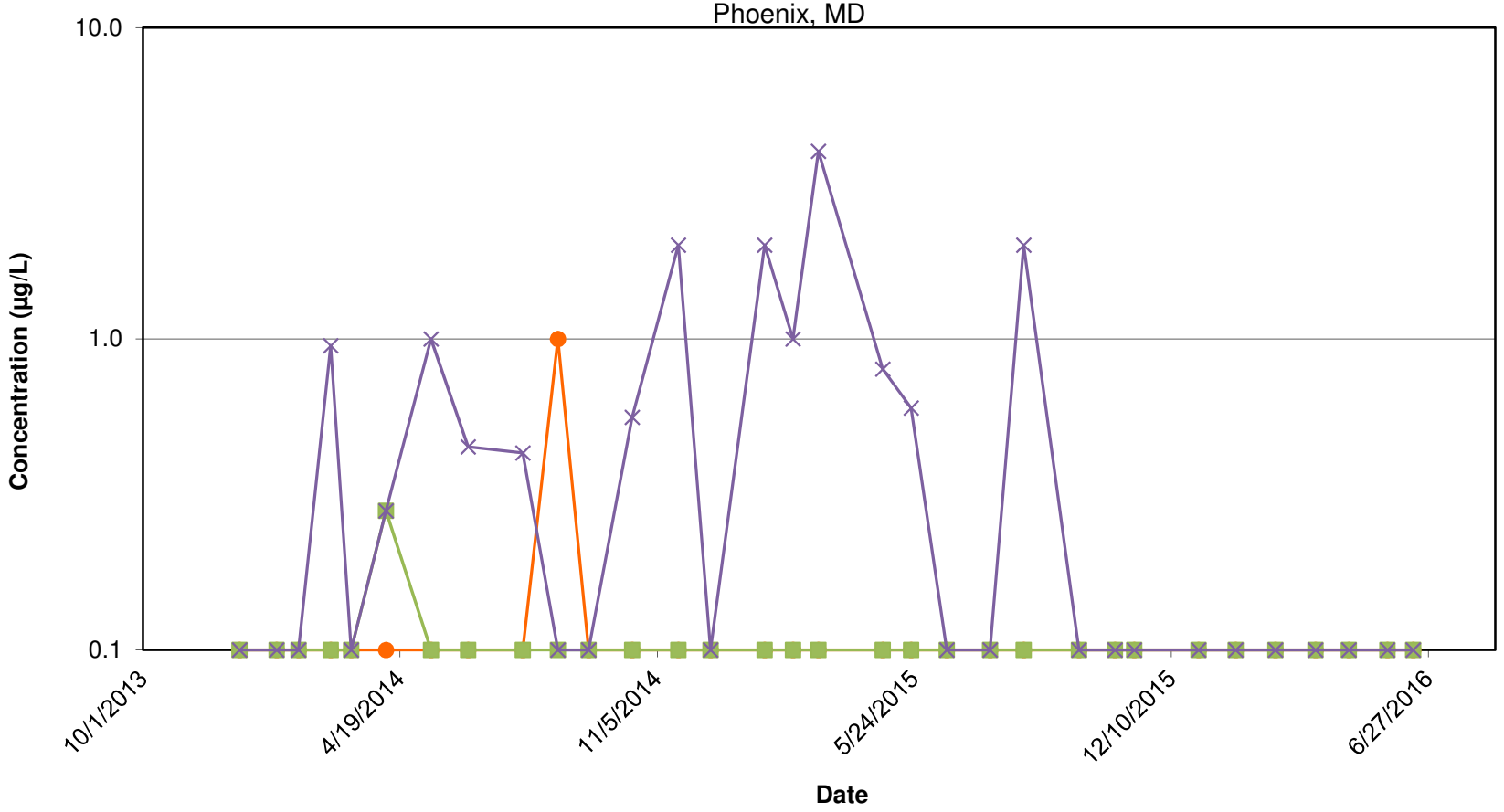
MW-186D(AP)/(HS-S)
MTBE, Benzene, BTEX Concentrations Over Time
Inactive Exxon Facility # 28077
14258 Jarrettsville Pike
Phoenix, MD



Not Surveyed to Vertical Datum

Current Sampling Frequency:
Monthly

Note:
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2.) AP - Sample collected above packer (packer set at 300 feet below ground surface)

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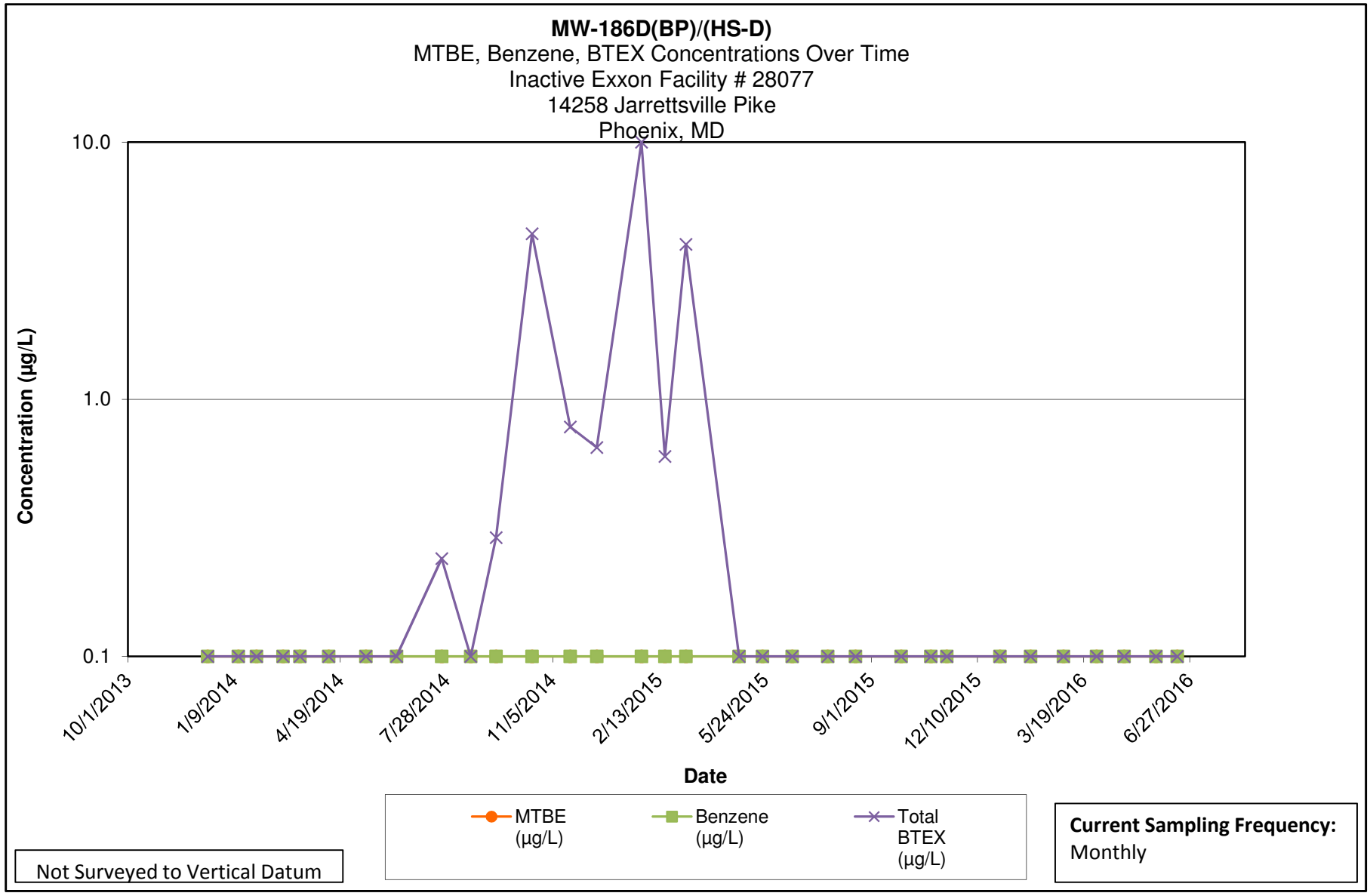

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2.) BP - Sample collected below packer (packer set at 300 feet below ground surface)

Kleinfelder
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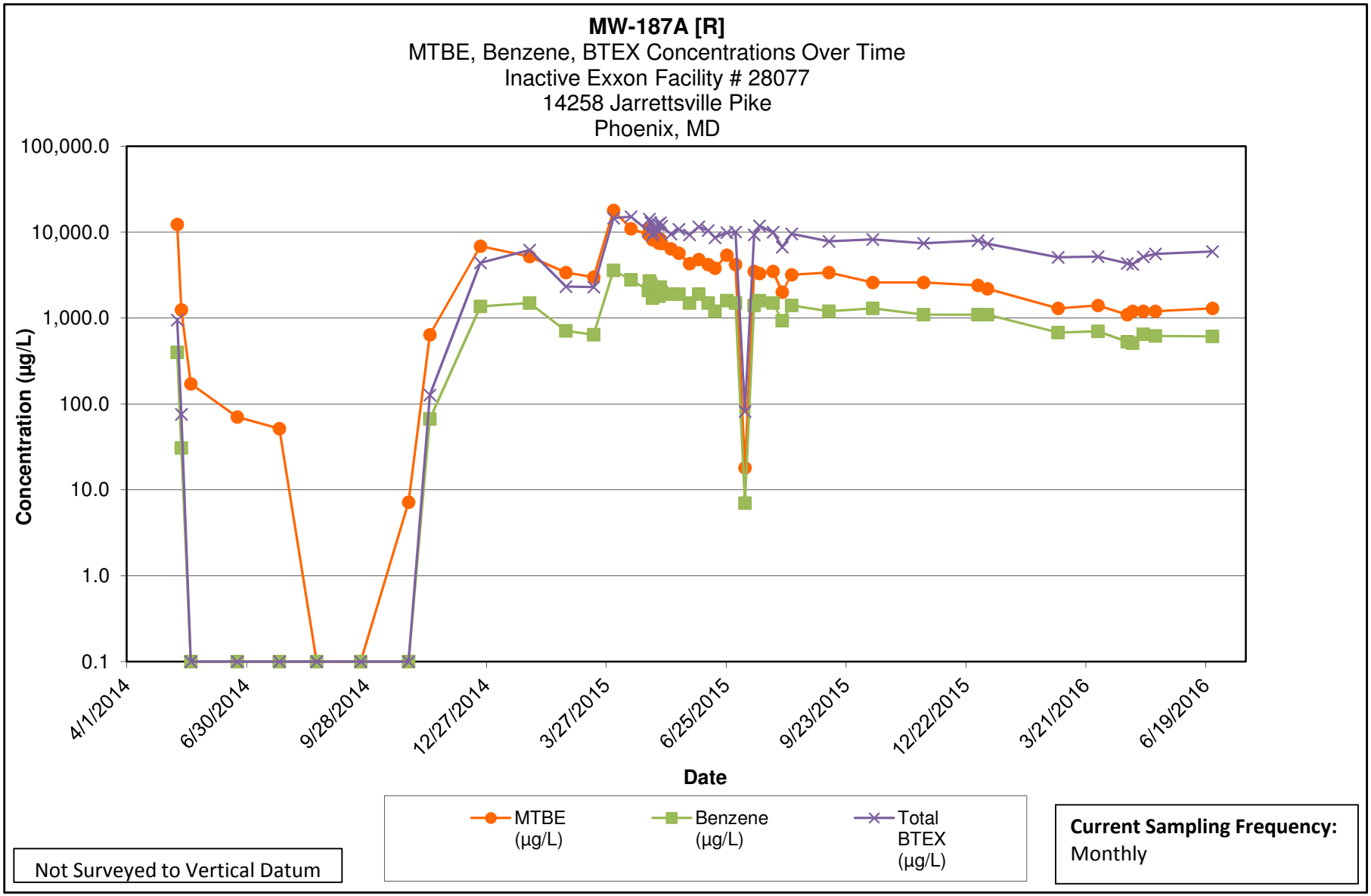

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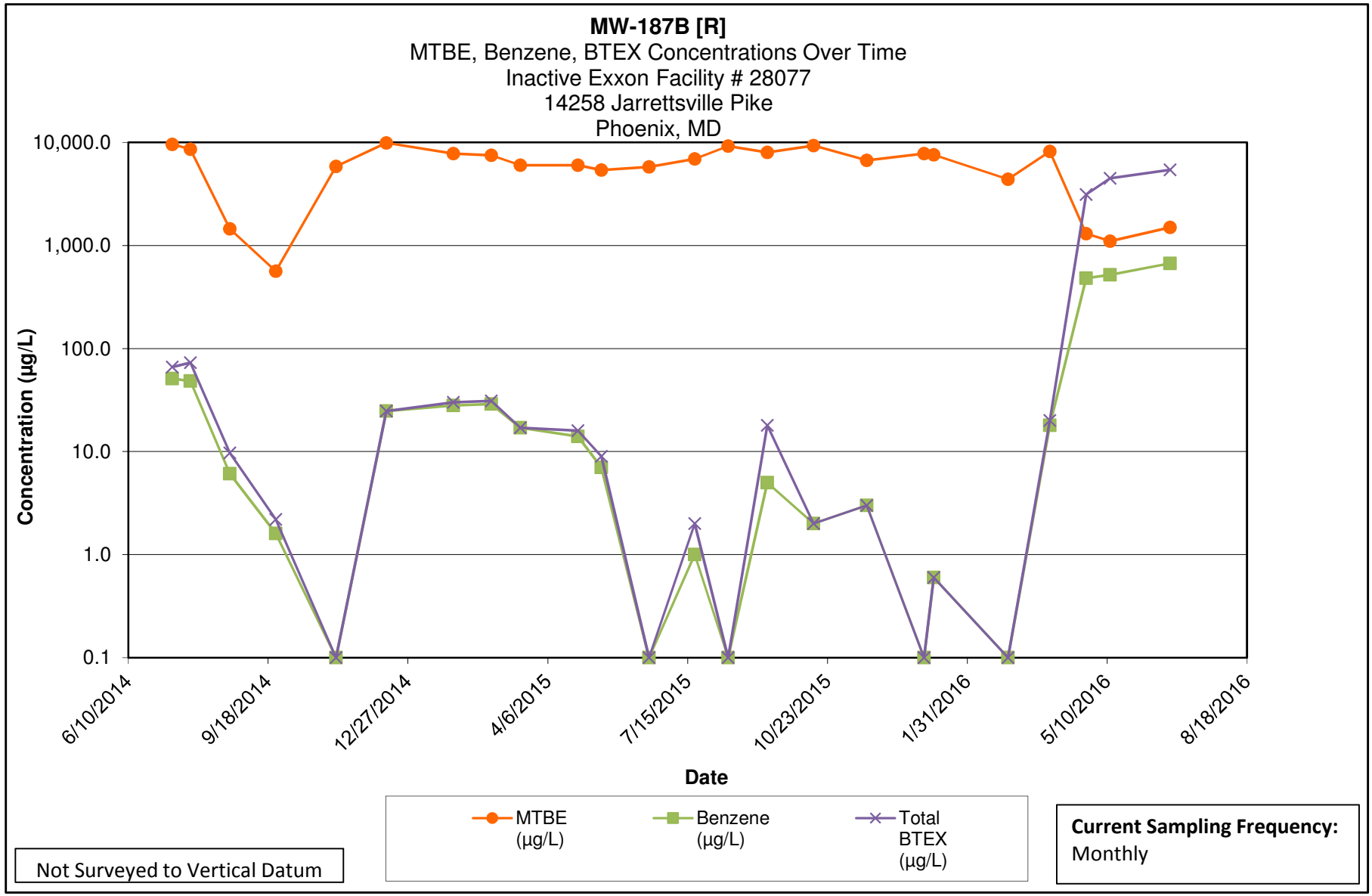

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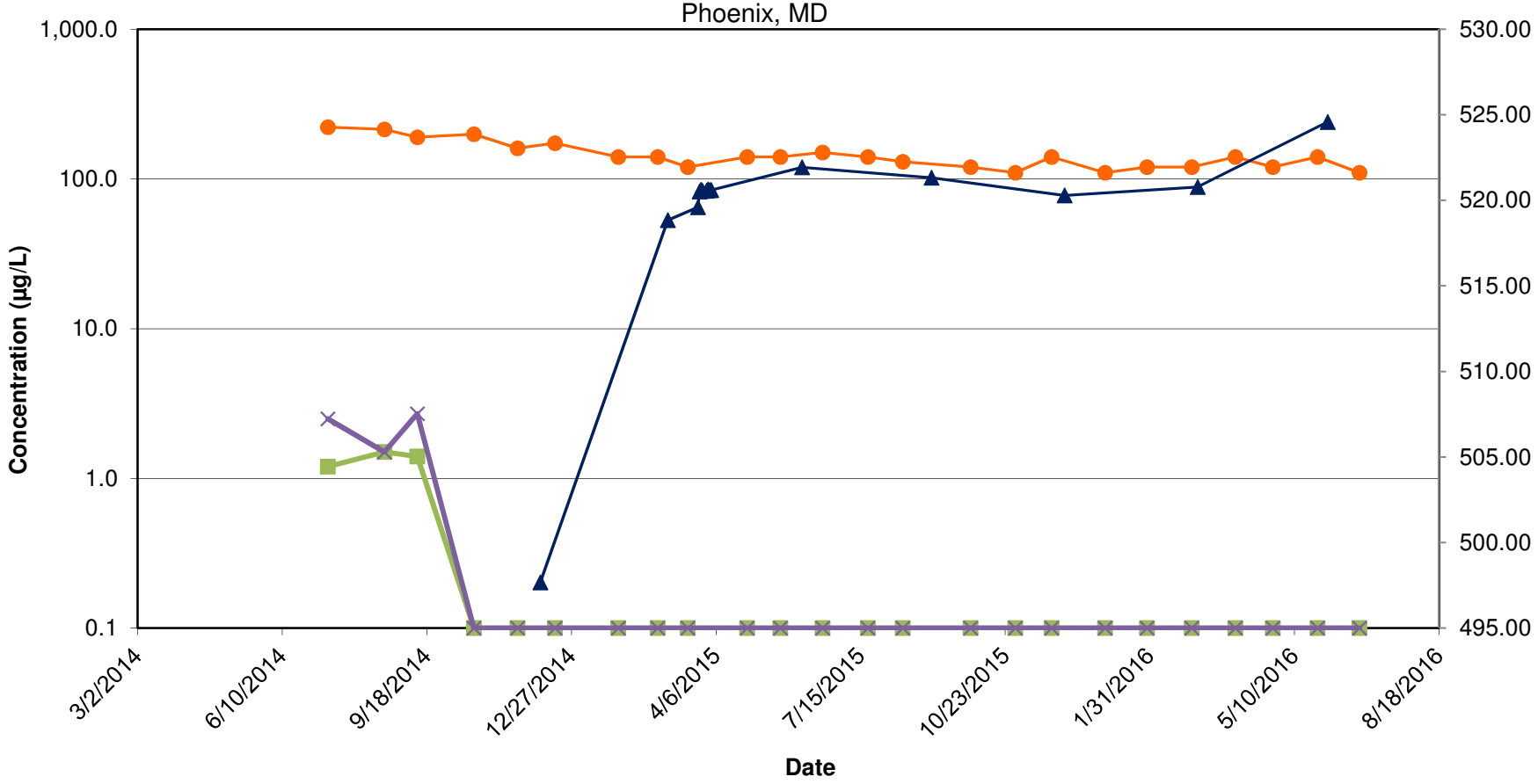
Hanover, MD

MW-187C(HS-S)
MTBE, Benzene, BTEX Concentrations Over Time
Inactive Exxon Facility # 28077
14258 Jarrettsville Pike
Phoenix, MD



Surveyed to vertical datum on 11/10/2014

MTBE (µg/L) | Benzene (µg/L) | Total BTEX (µg/L) | Groundwater Elevation (ft)

Current Sampling Frequency:
Monthly

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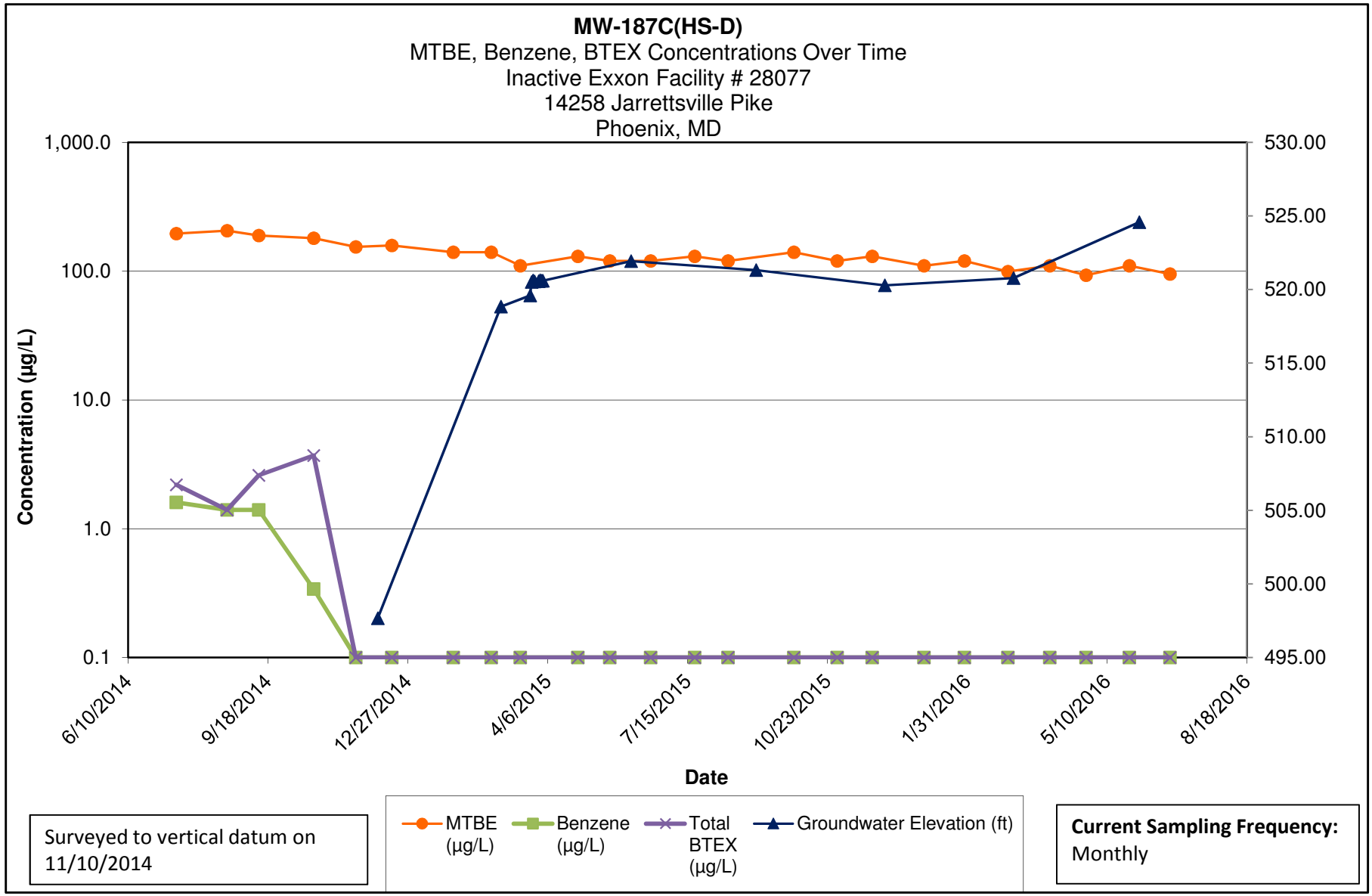

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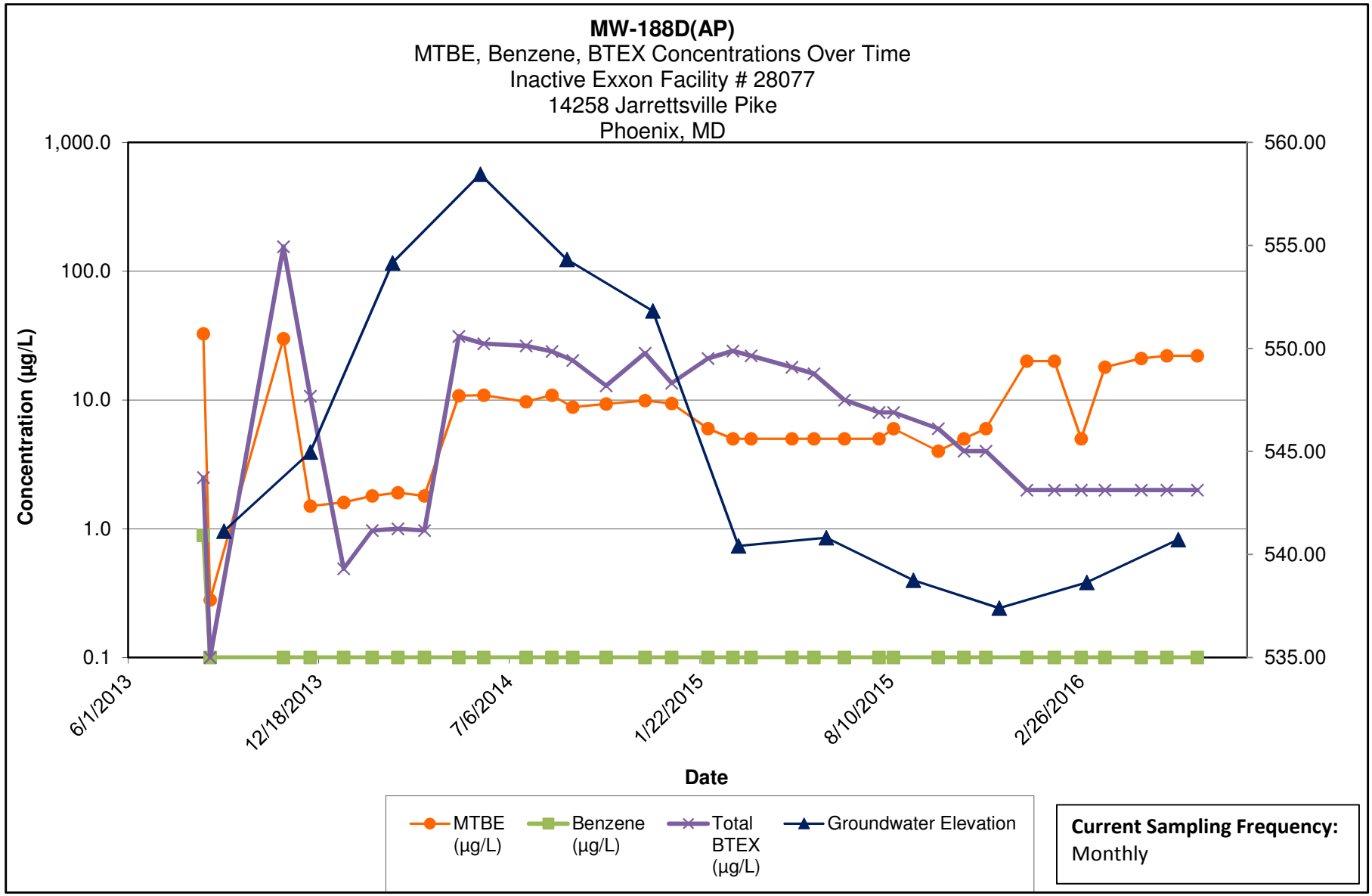

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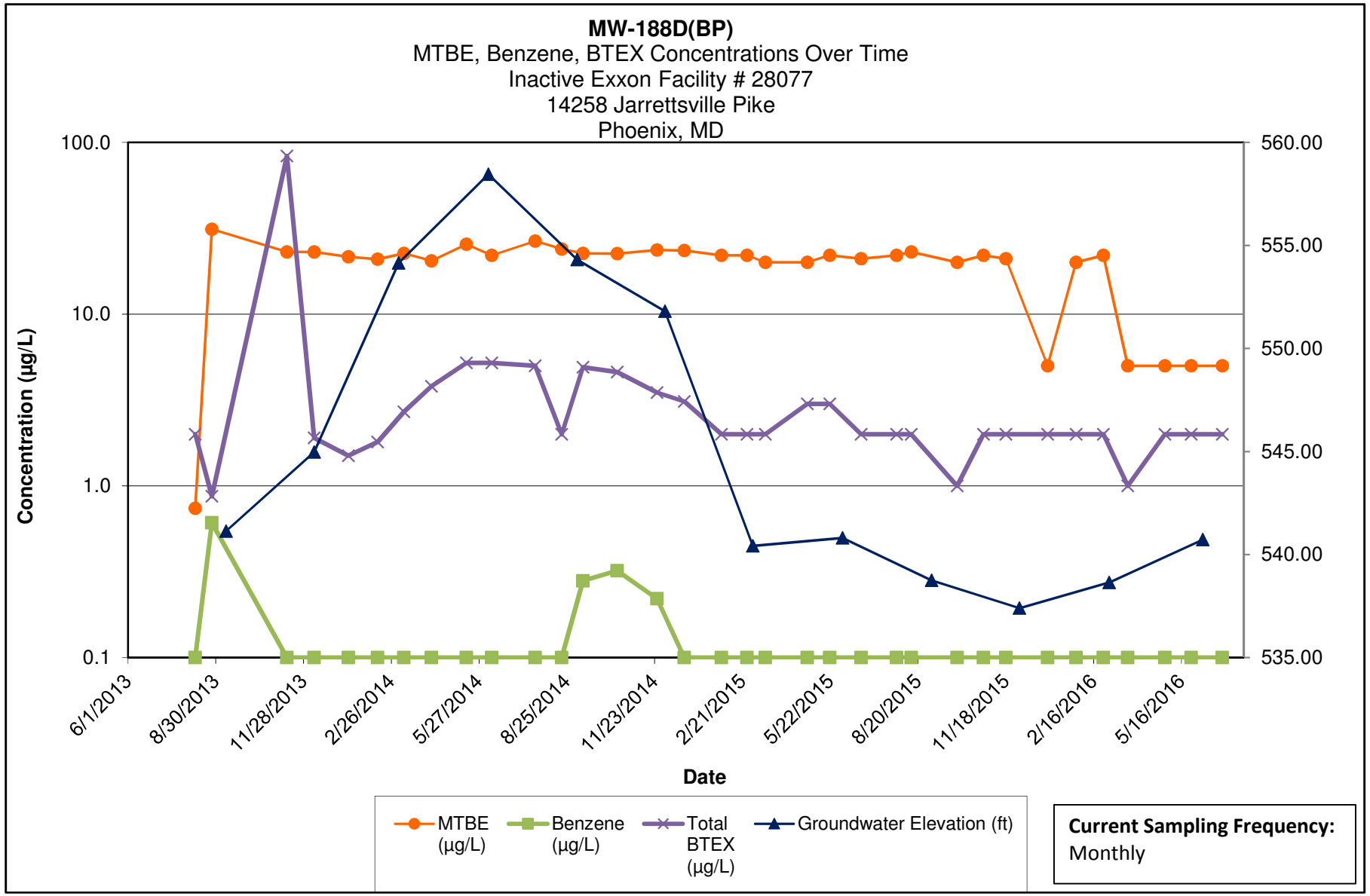

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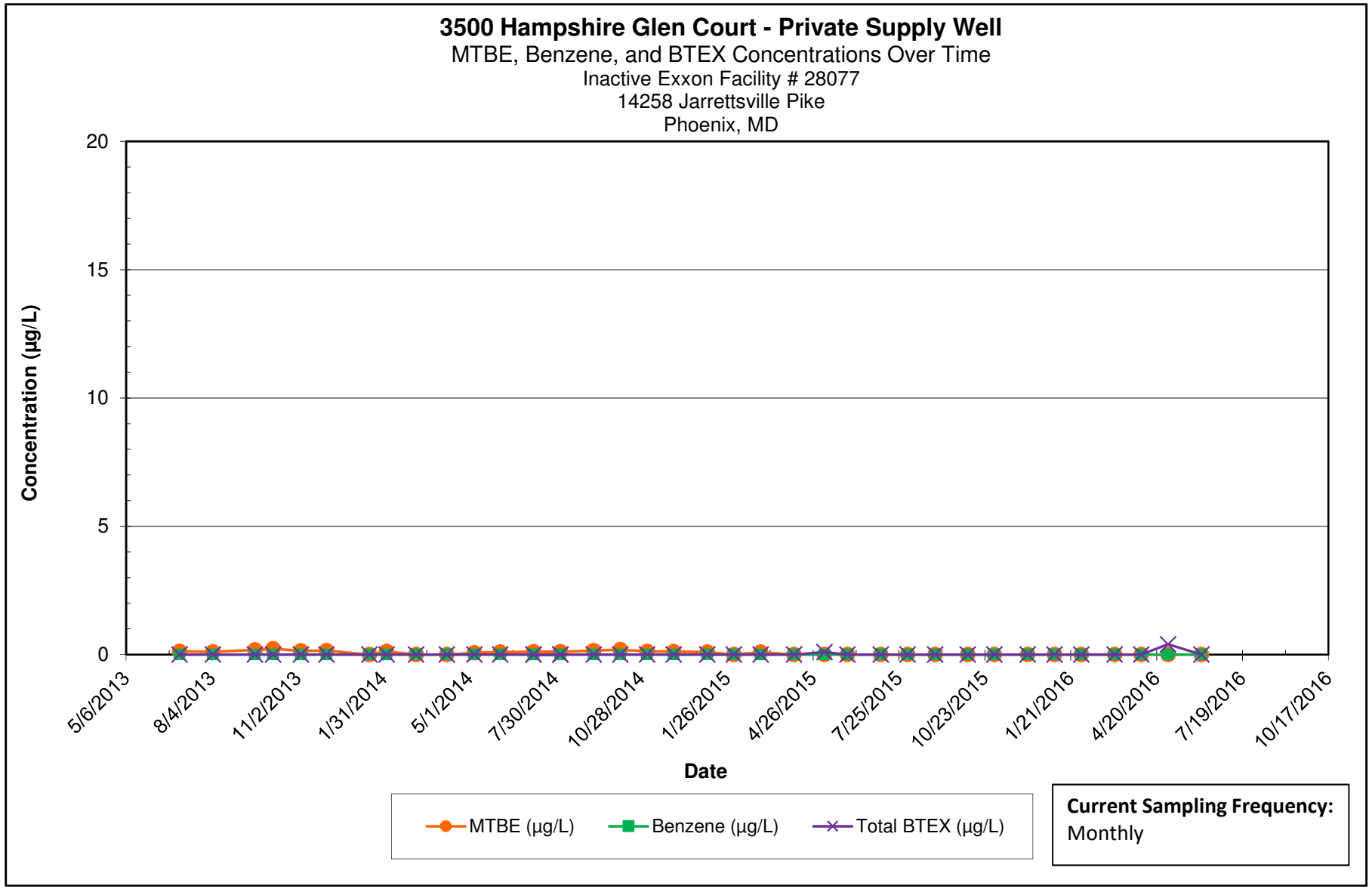
PRIVATE SUPPLY WELL CHARTS



Notes:
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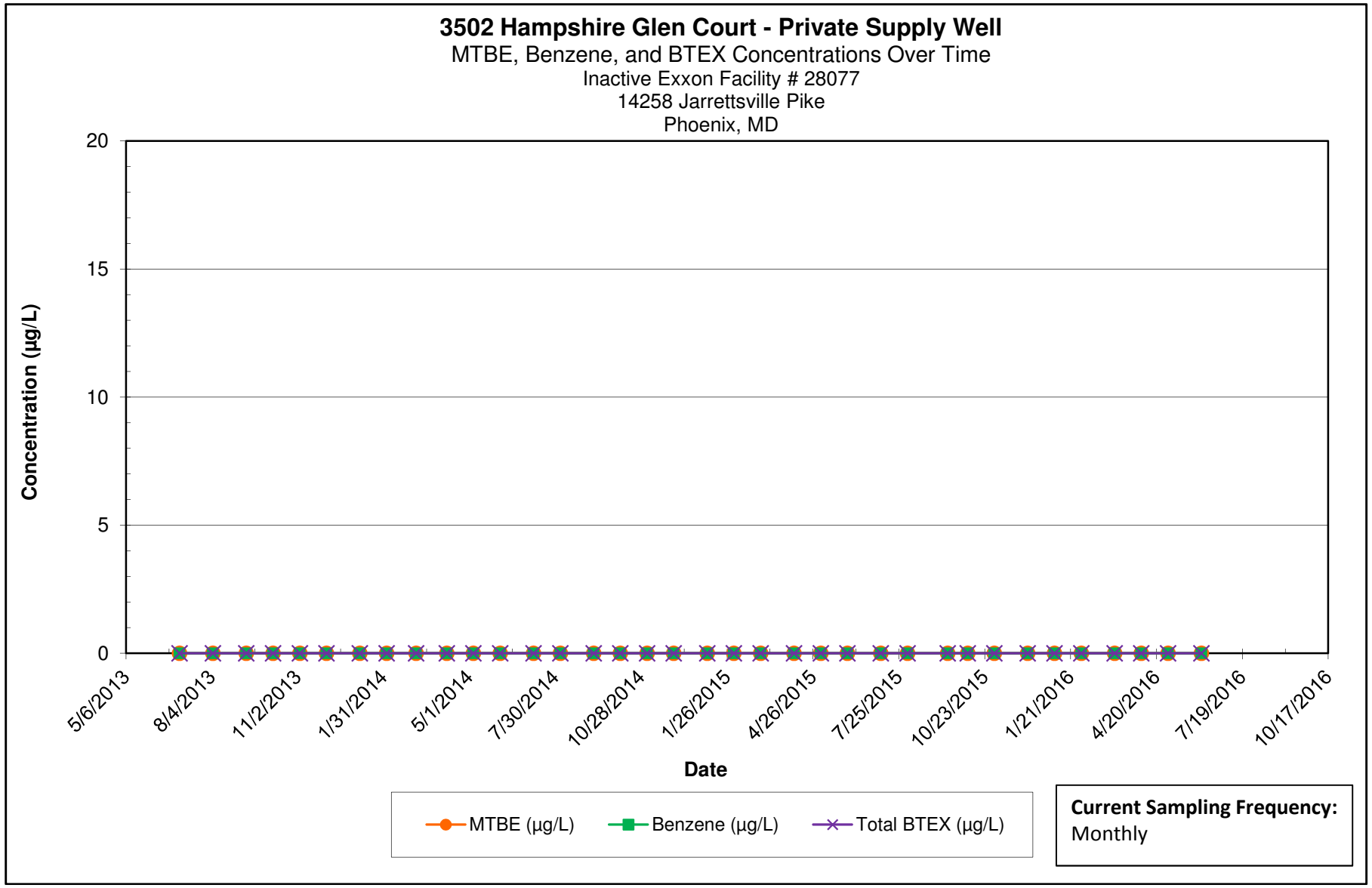

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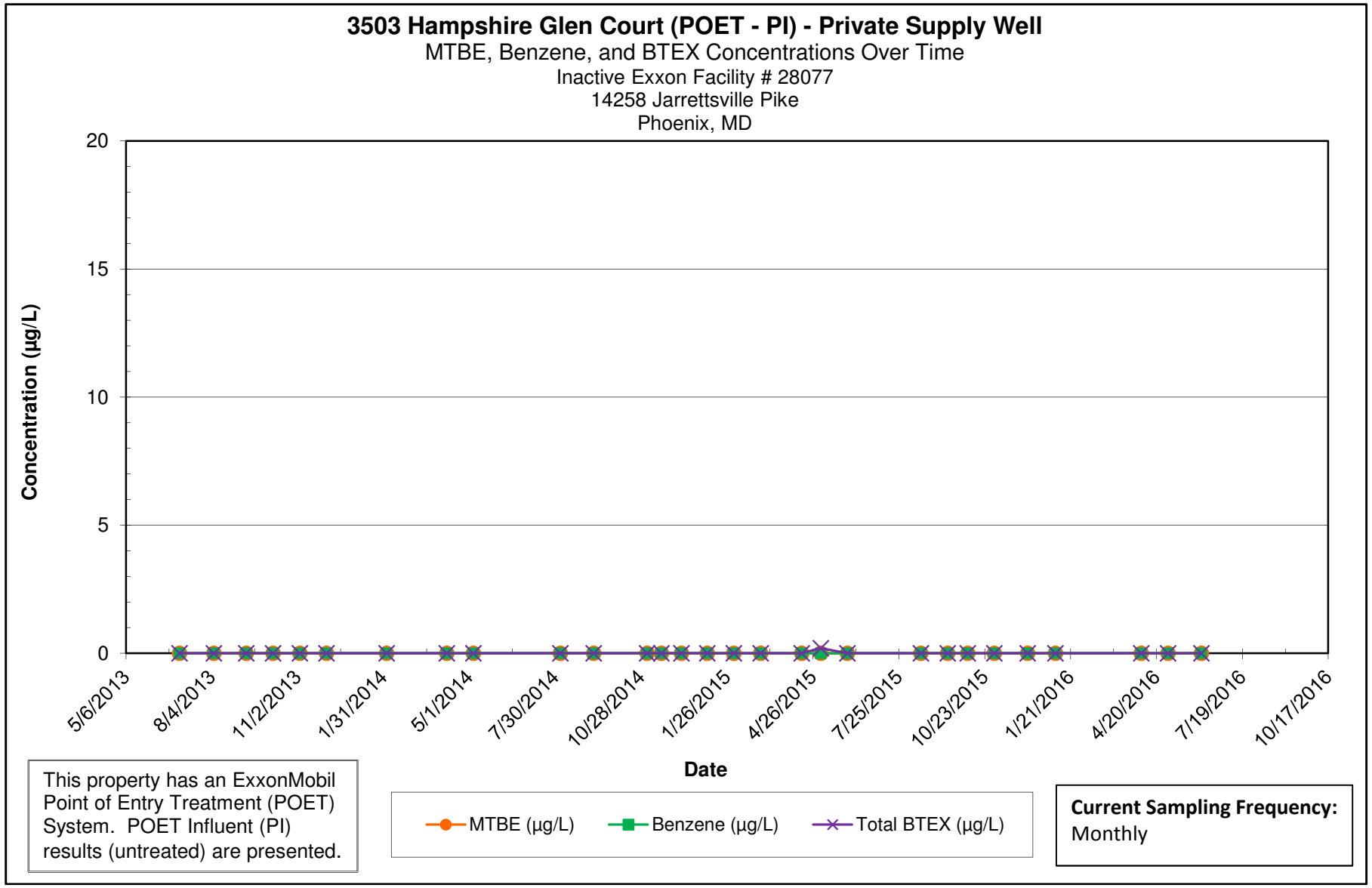

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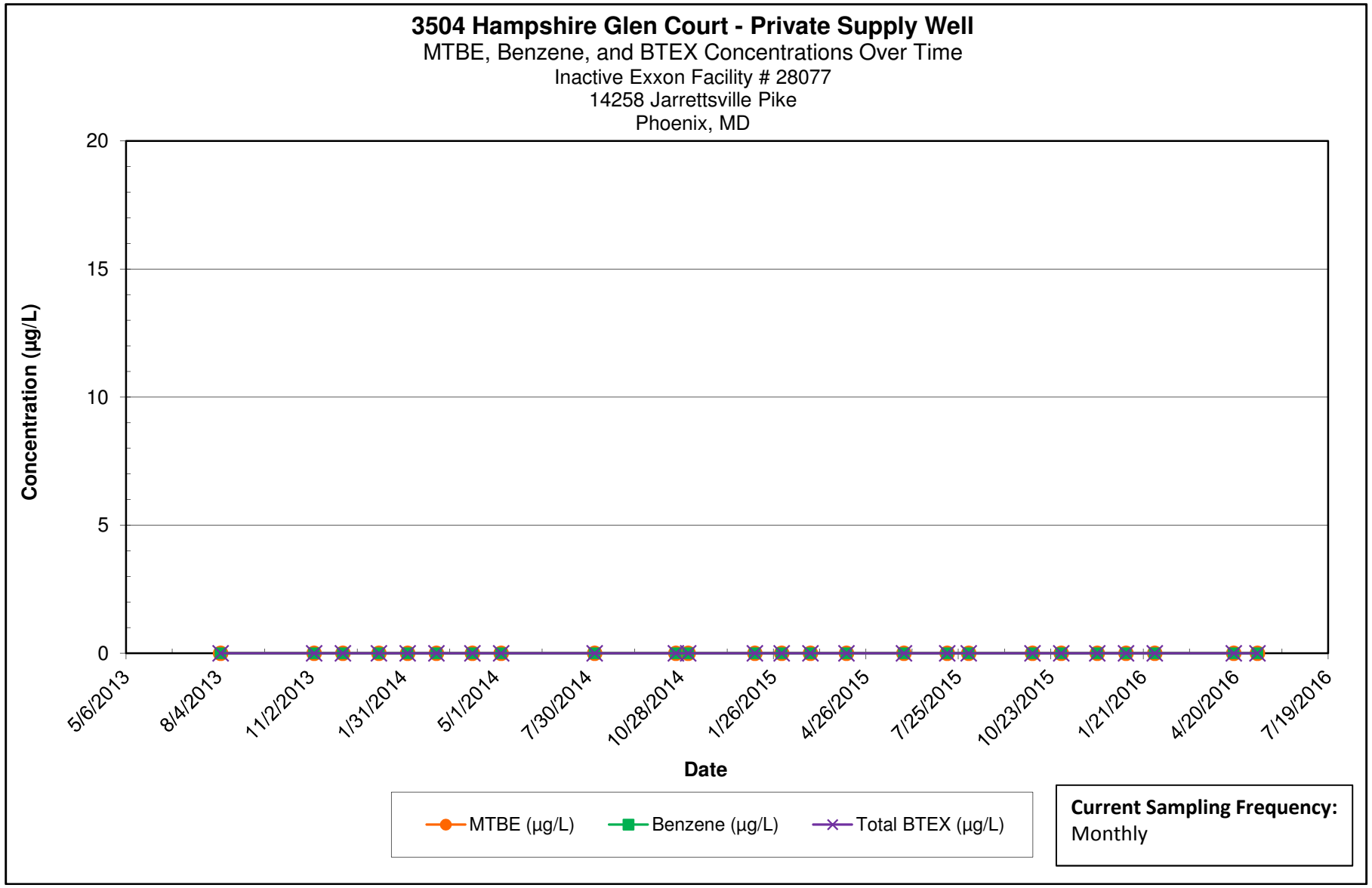

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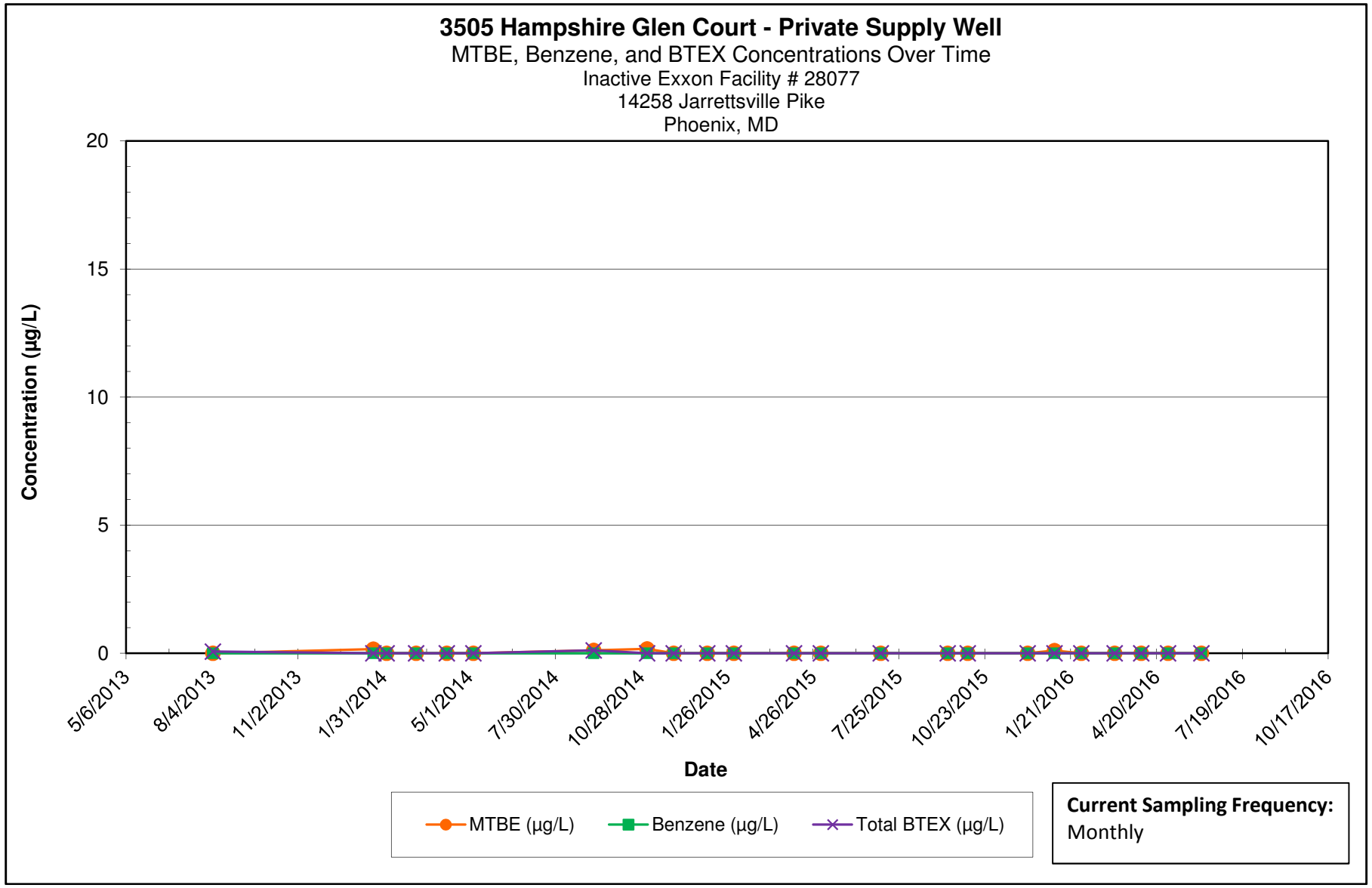

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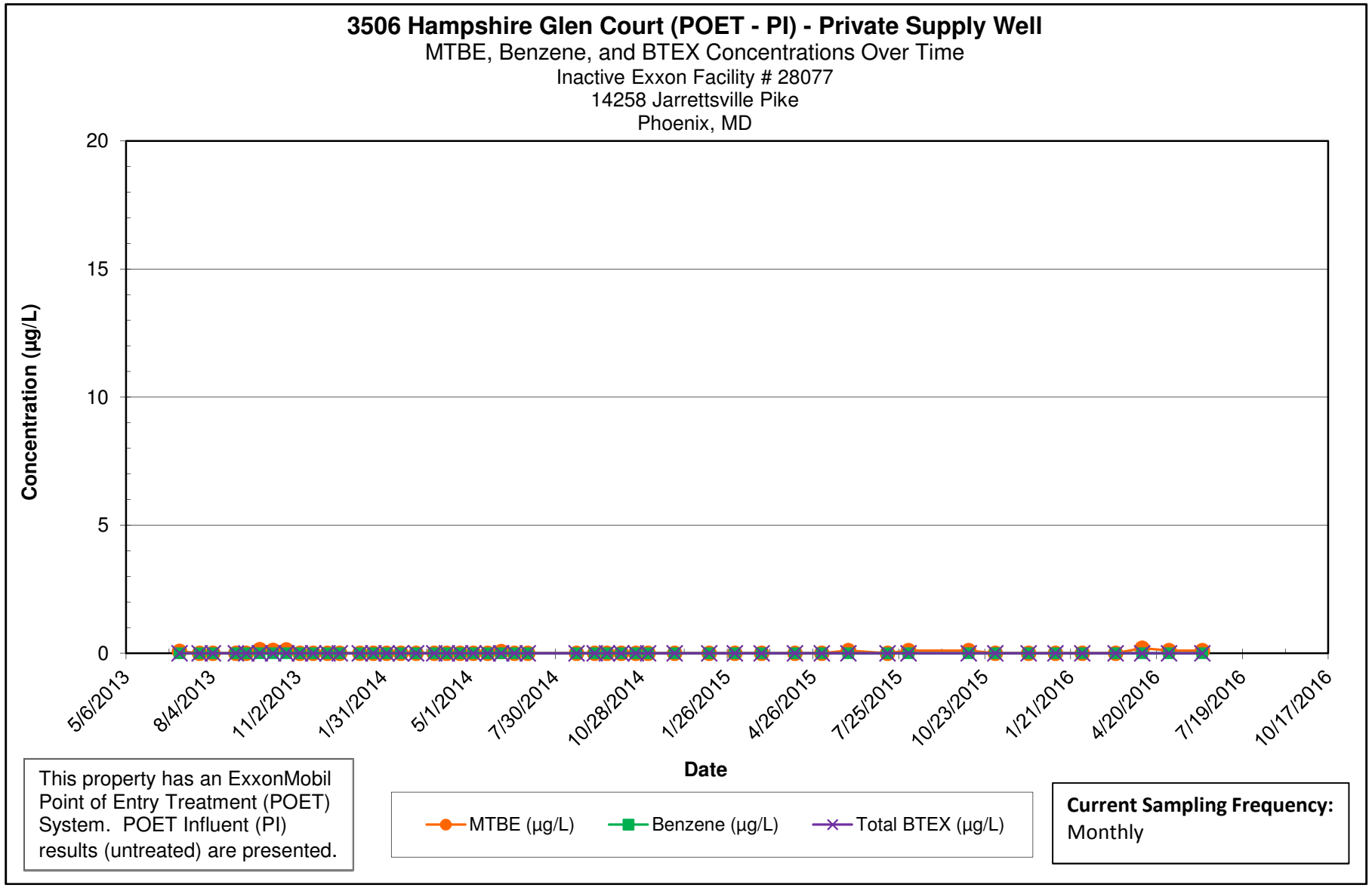

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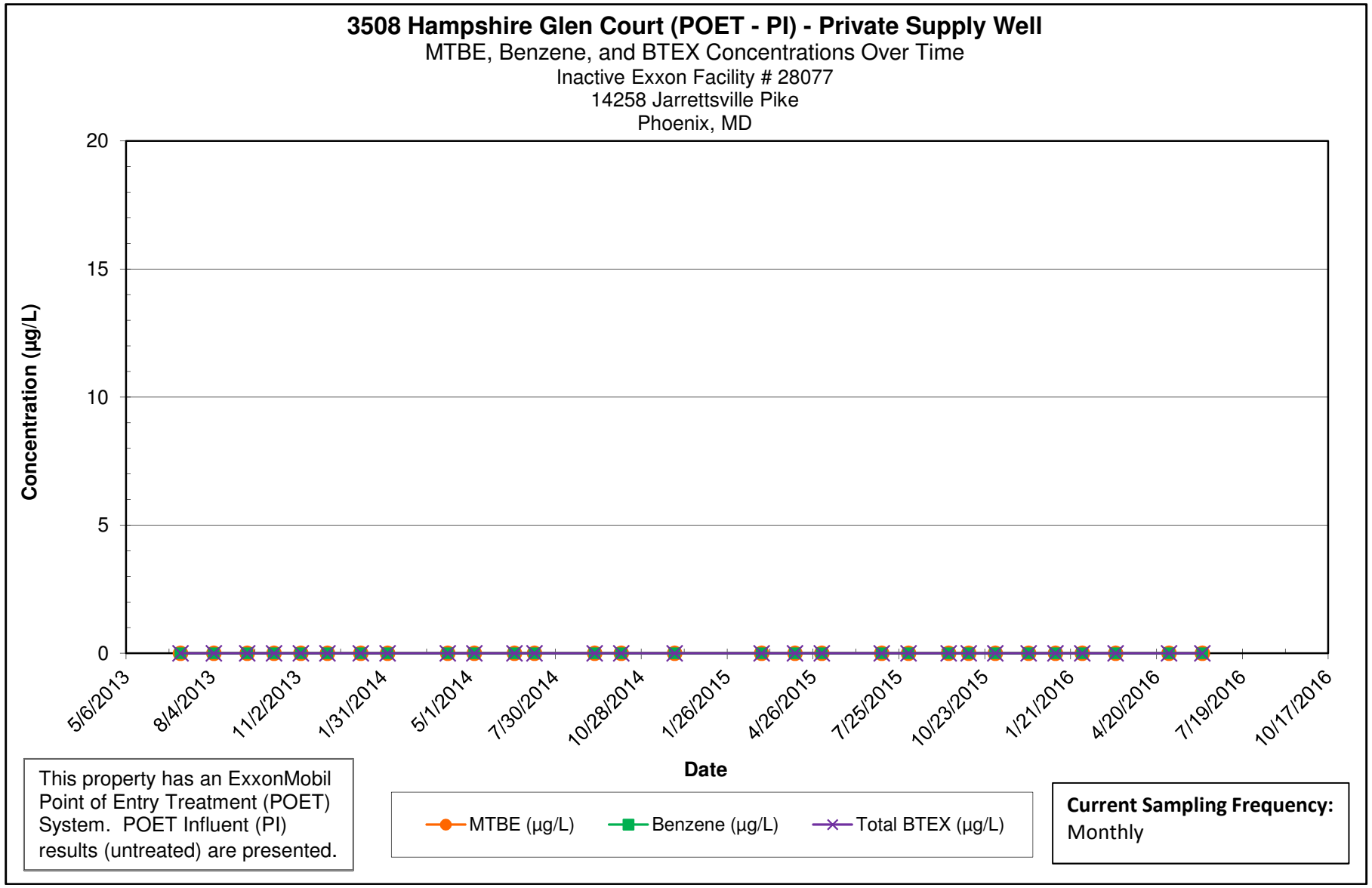

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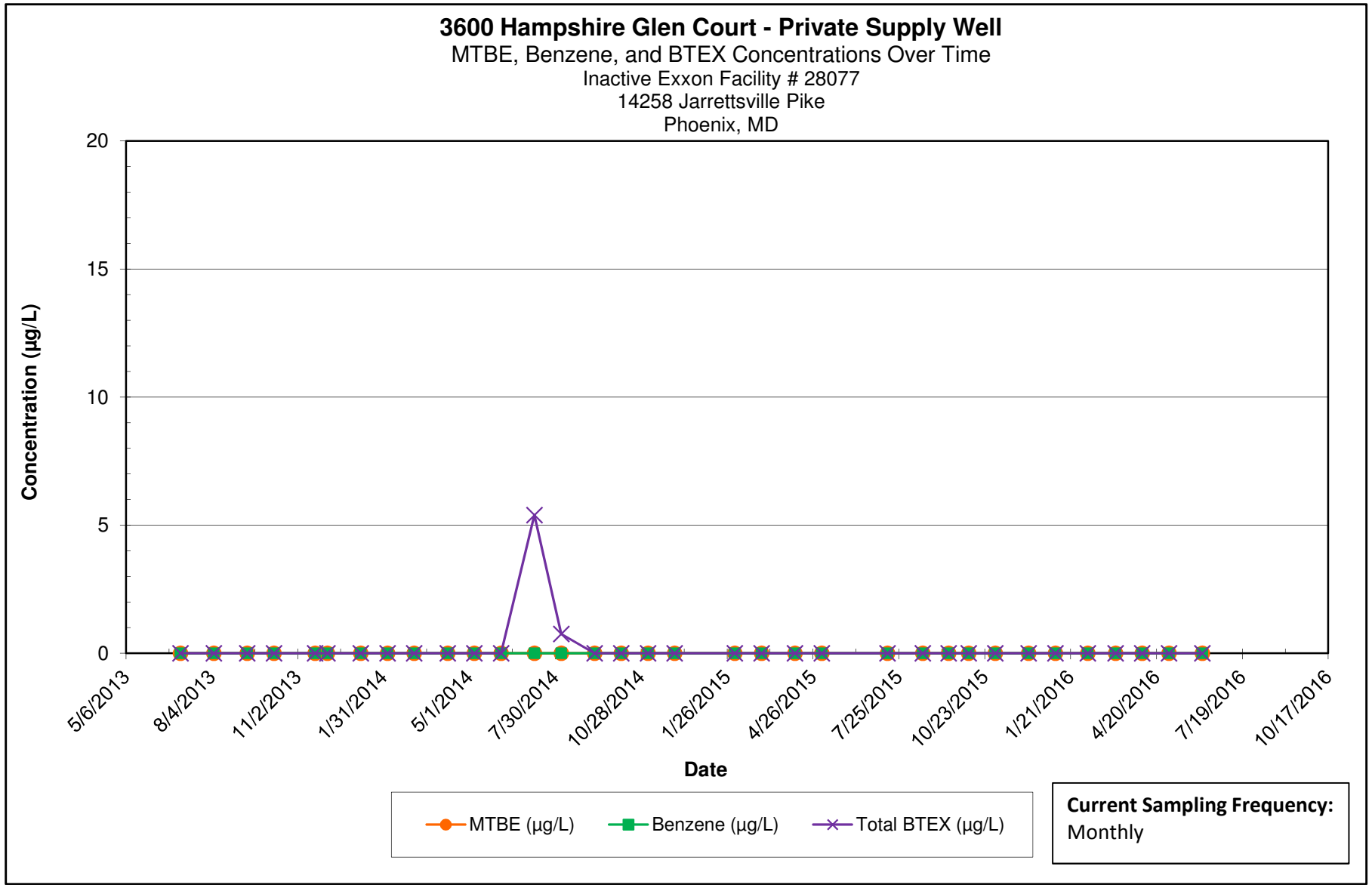

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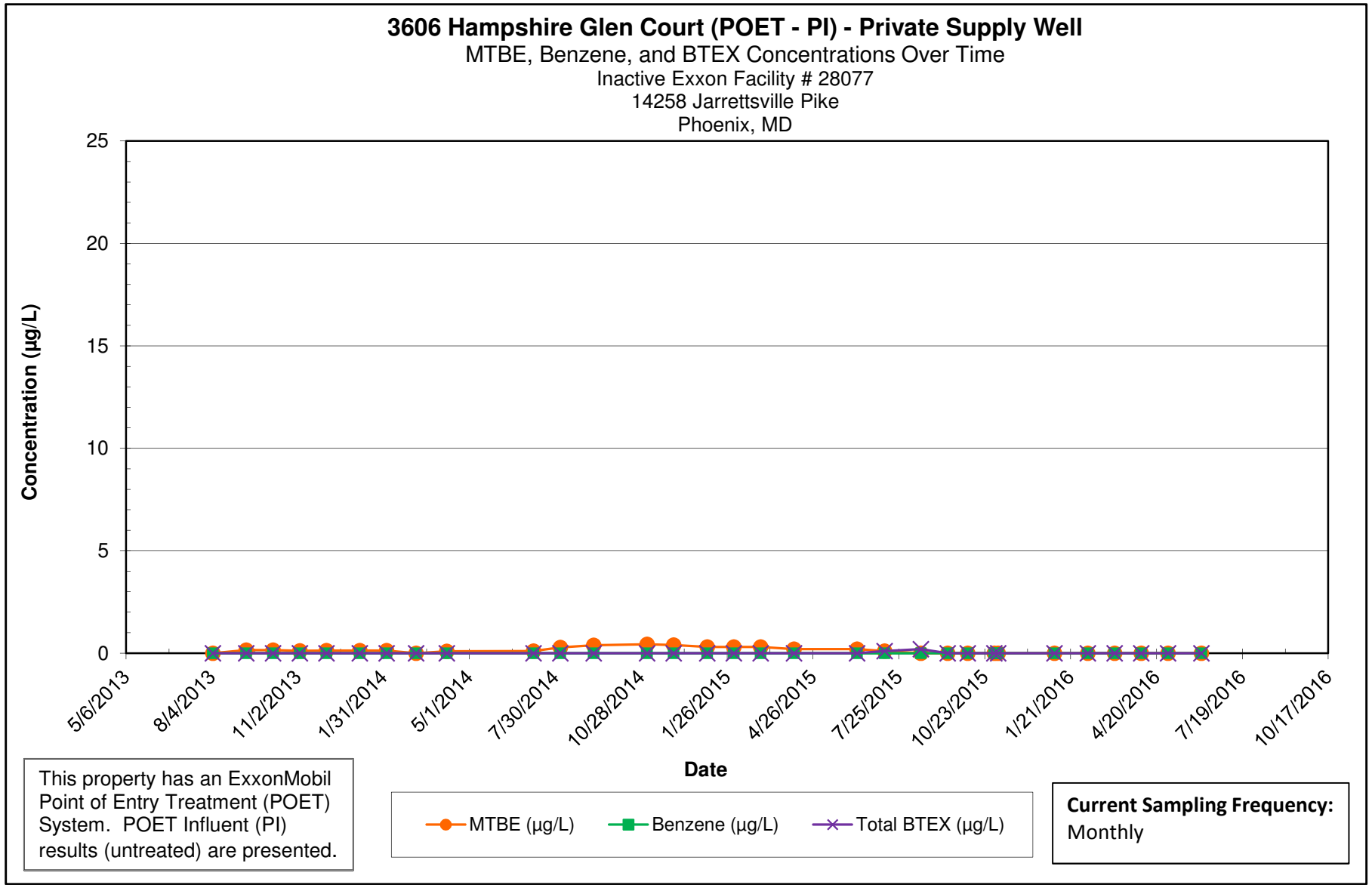

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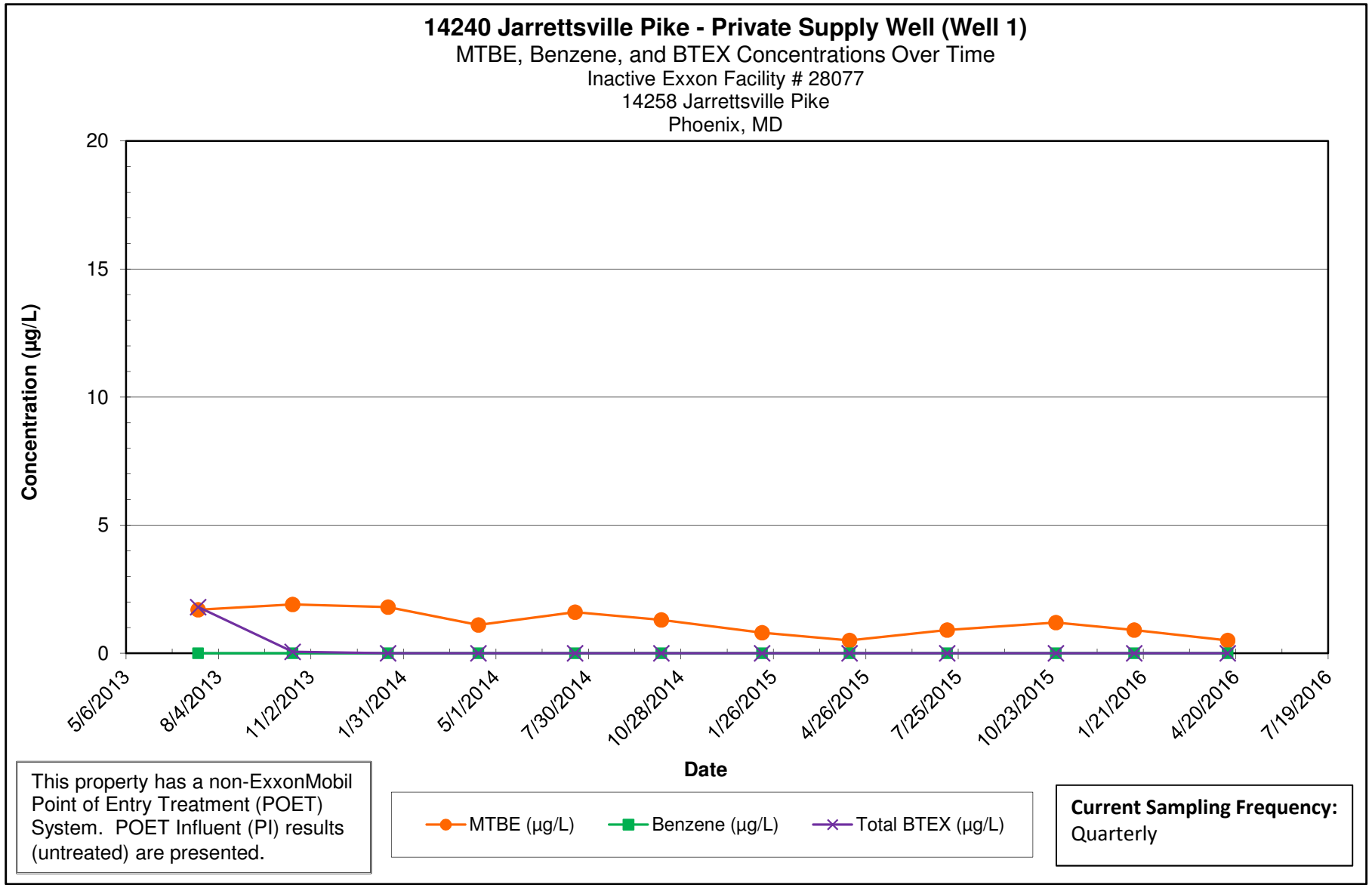

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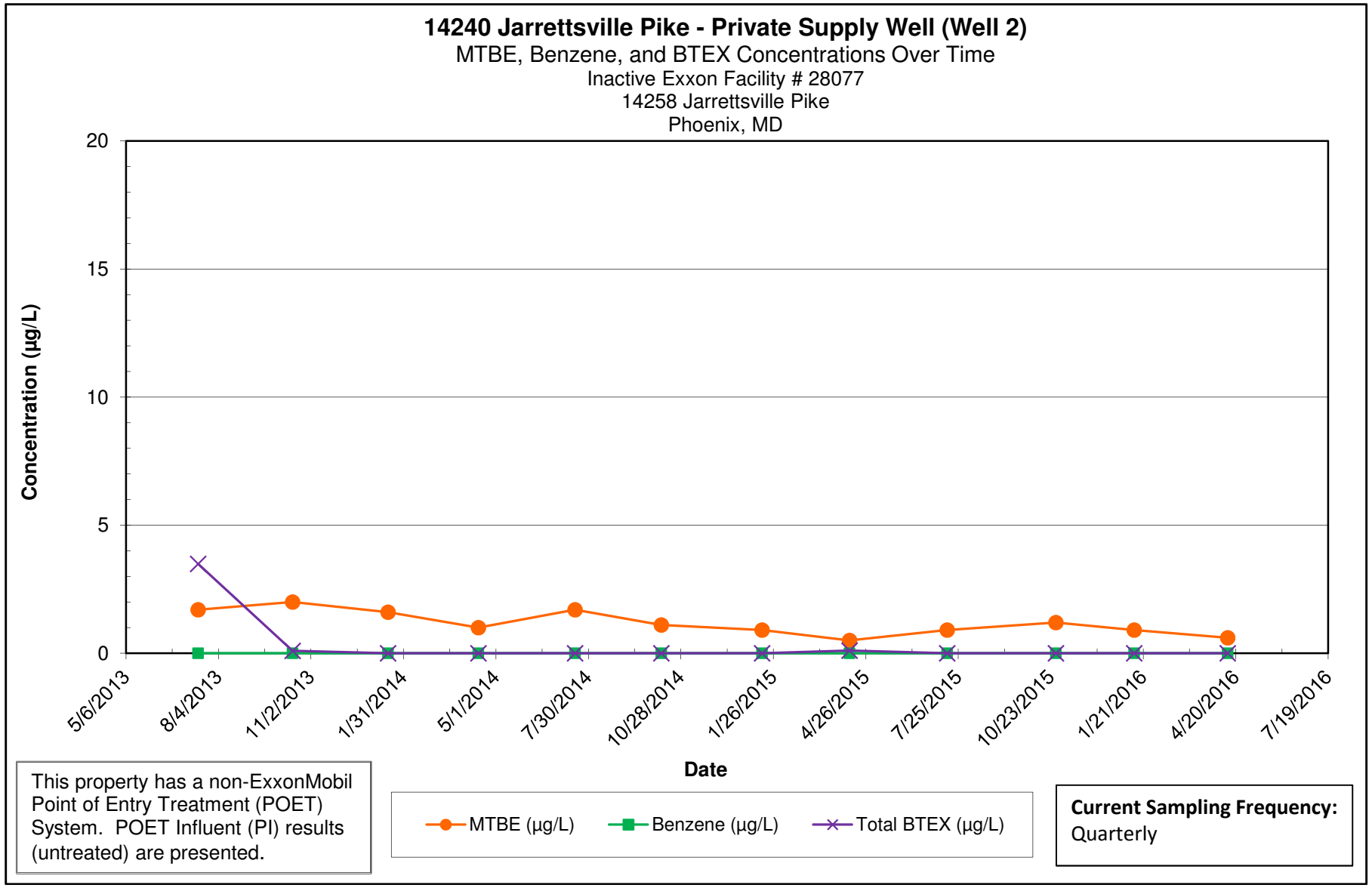

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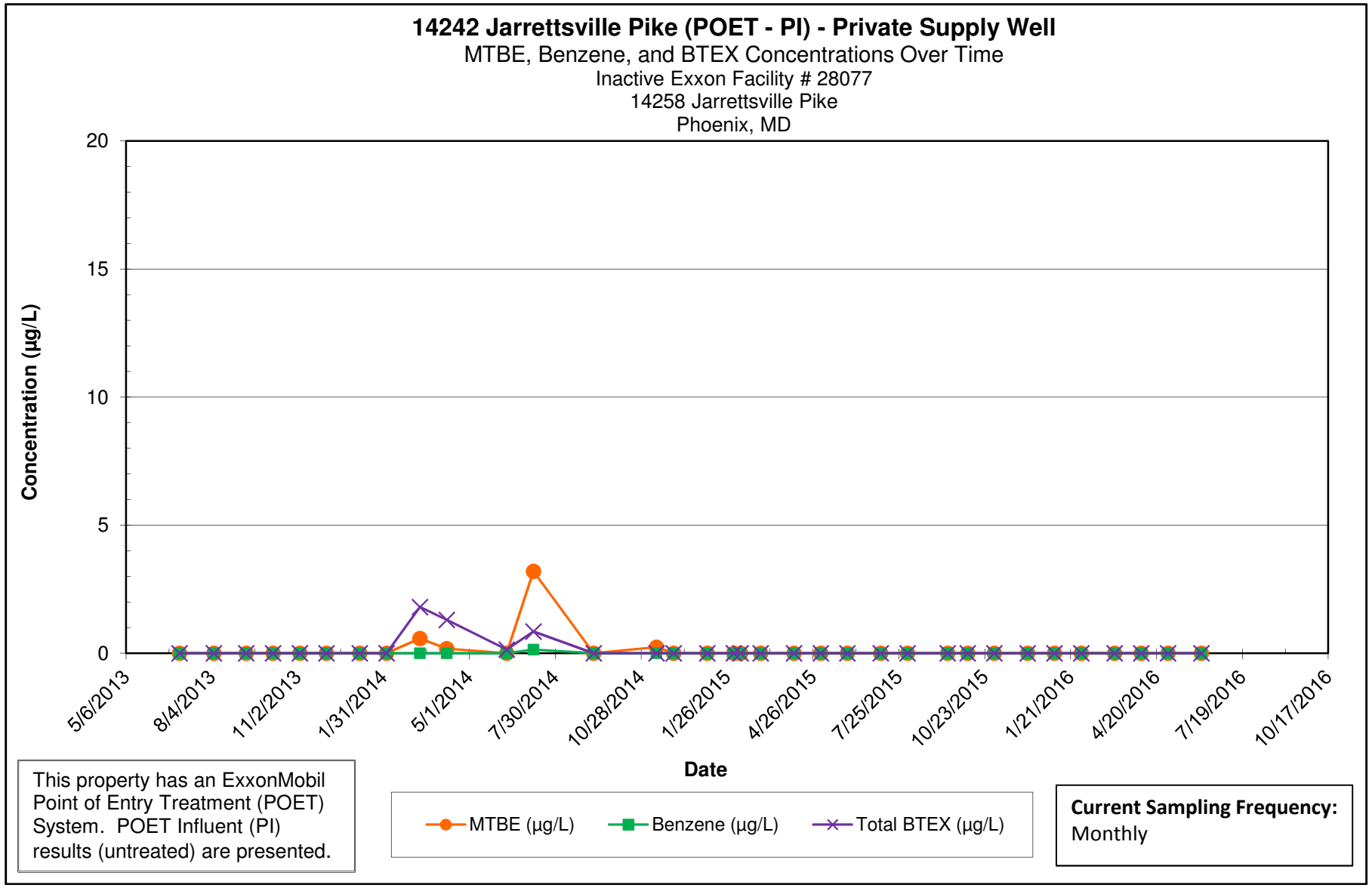

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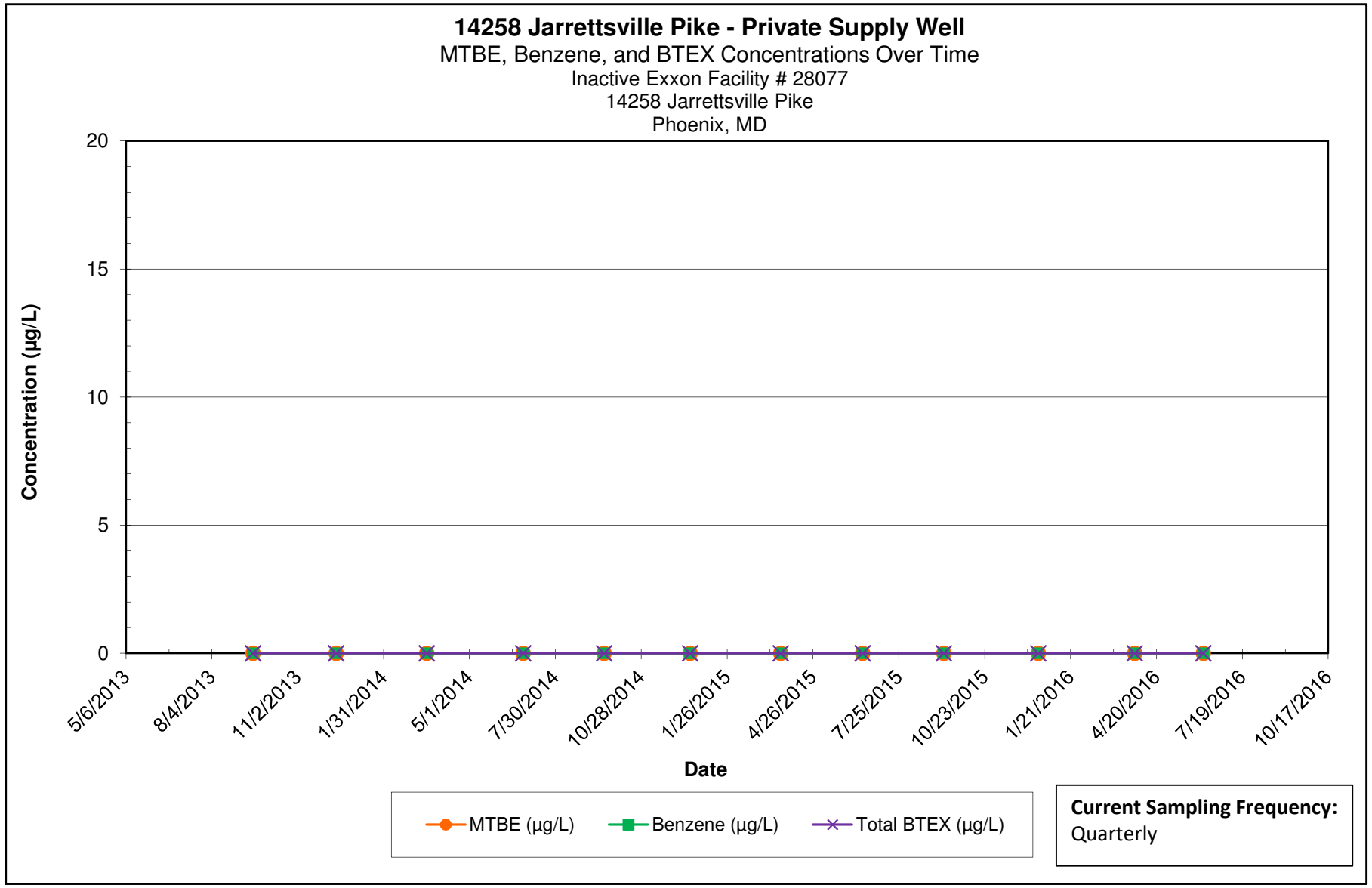

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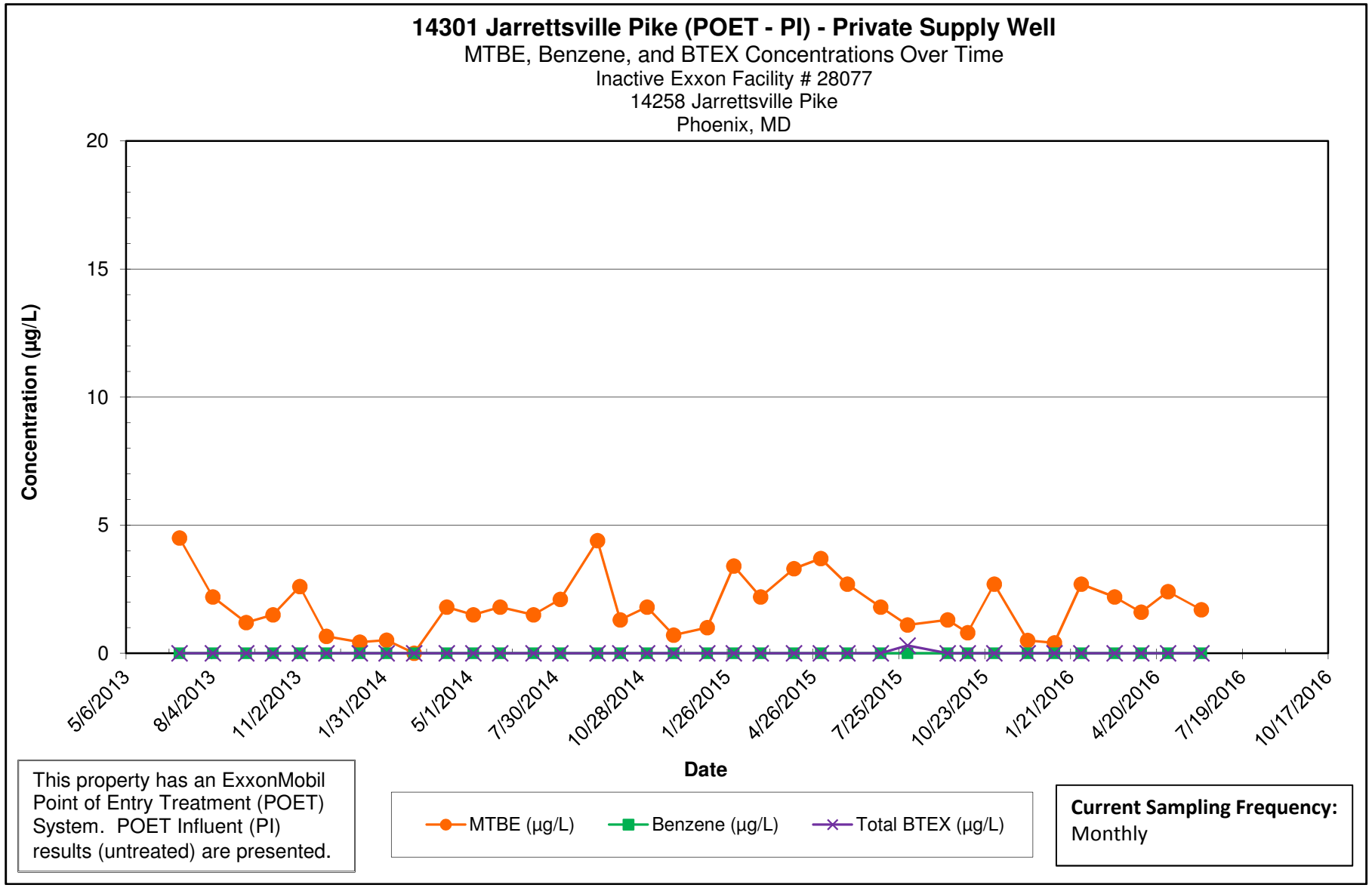

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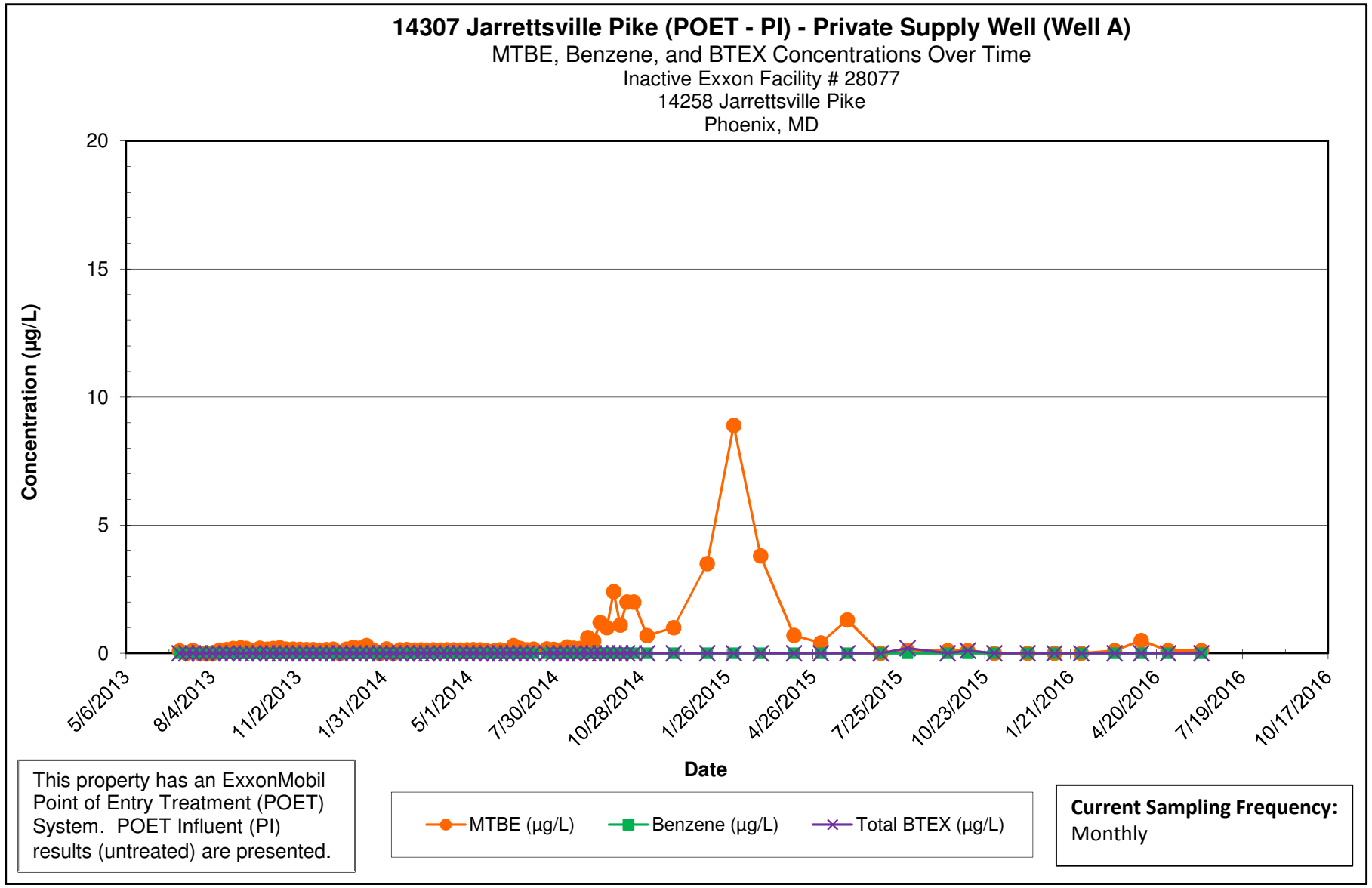

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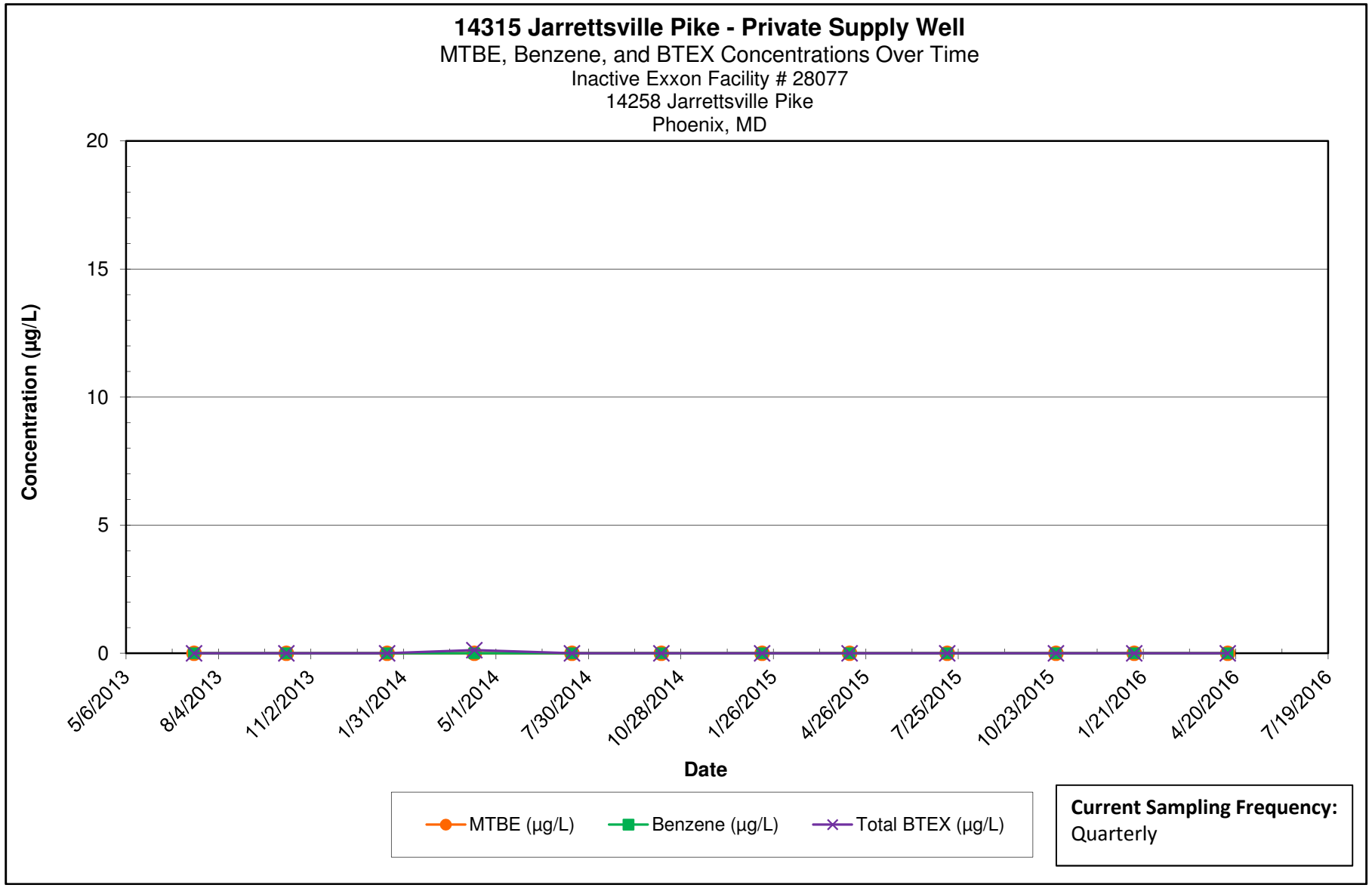

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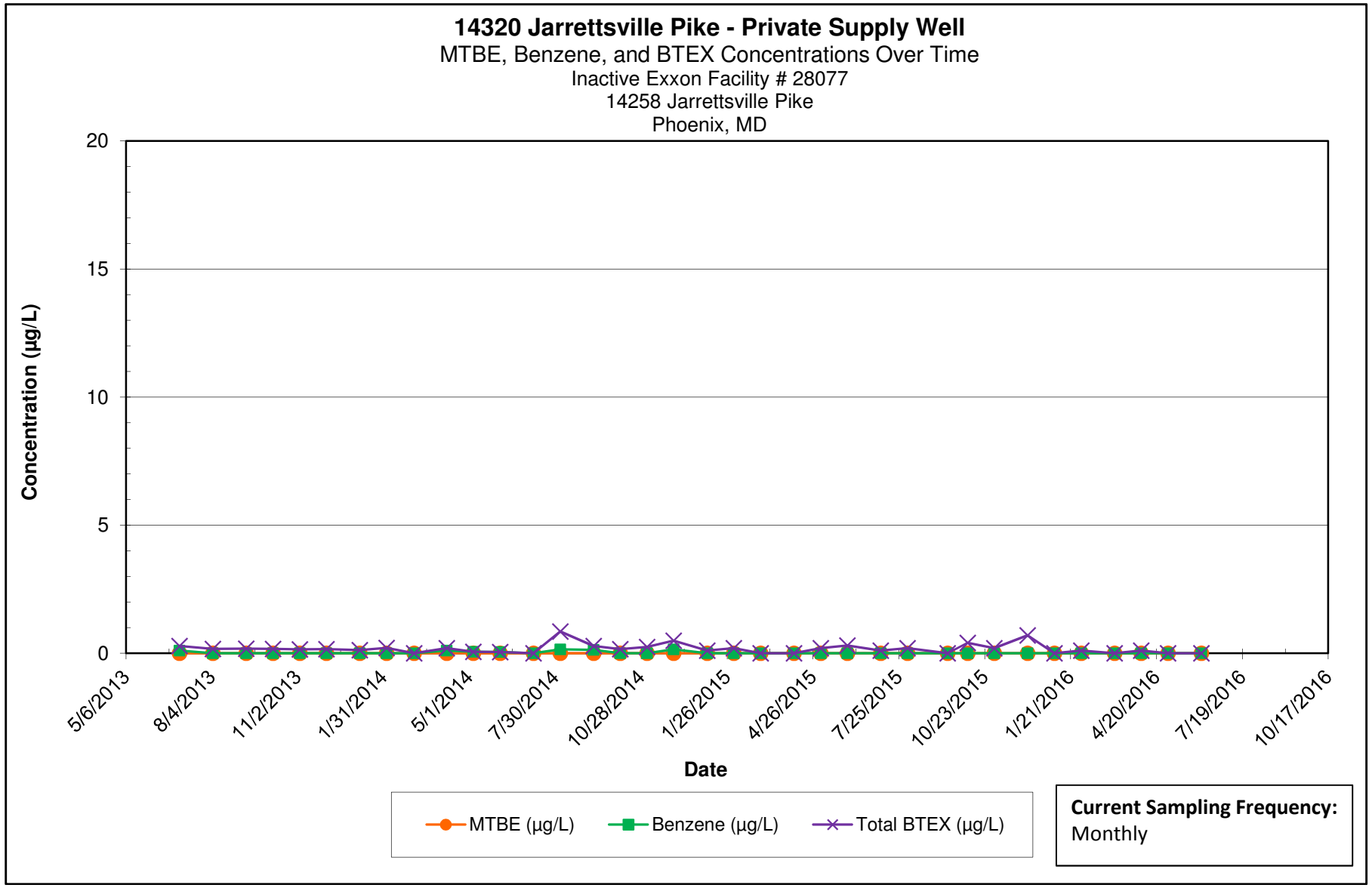

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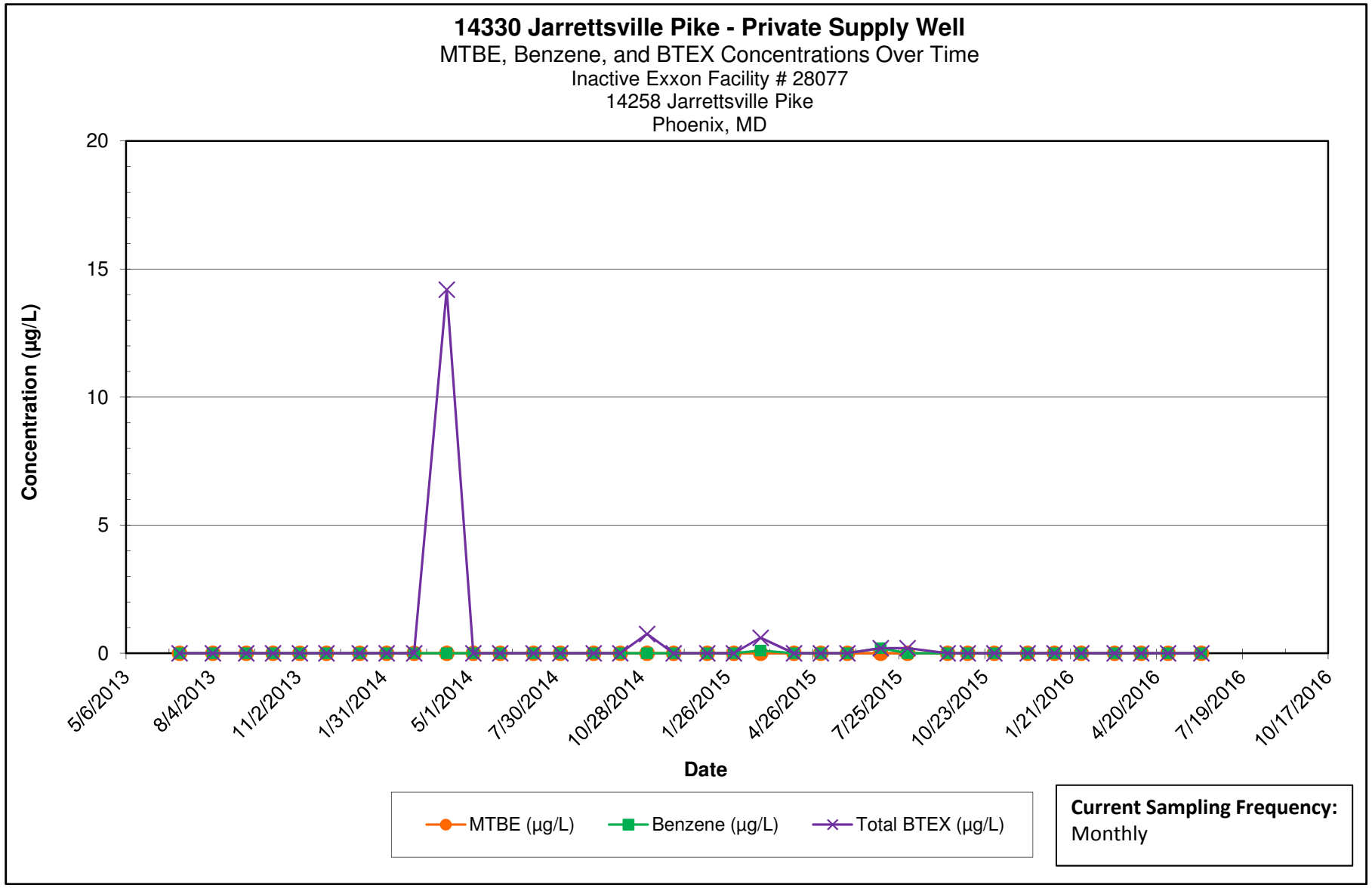

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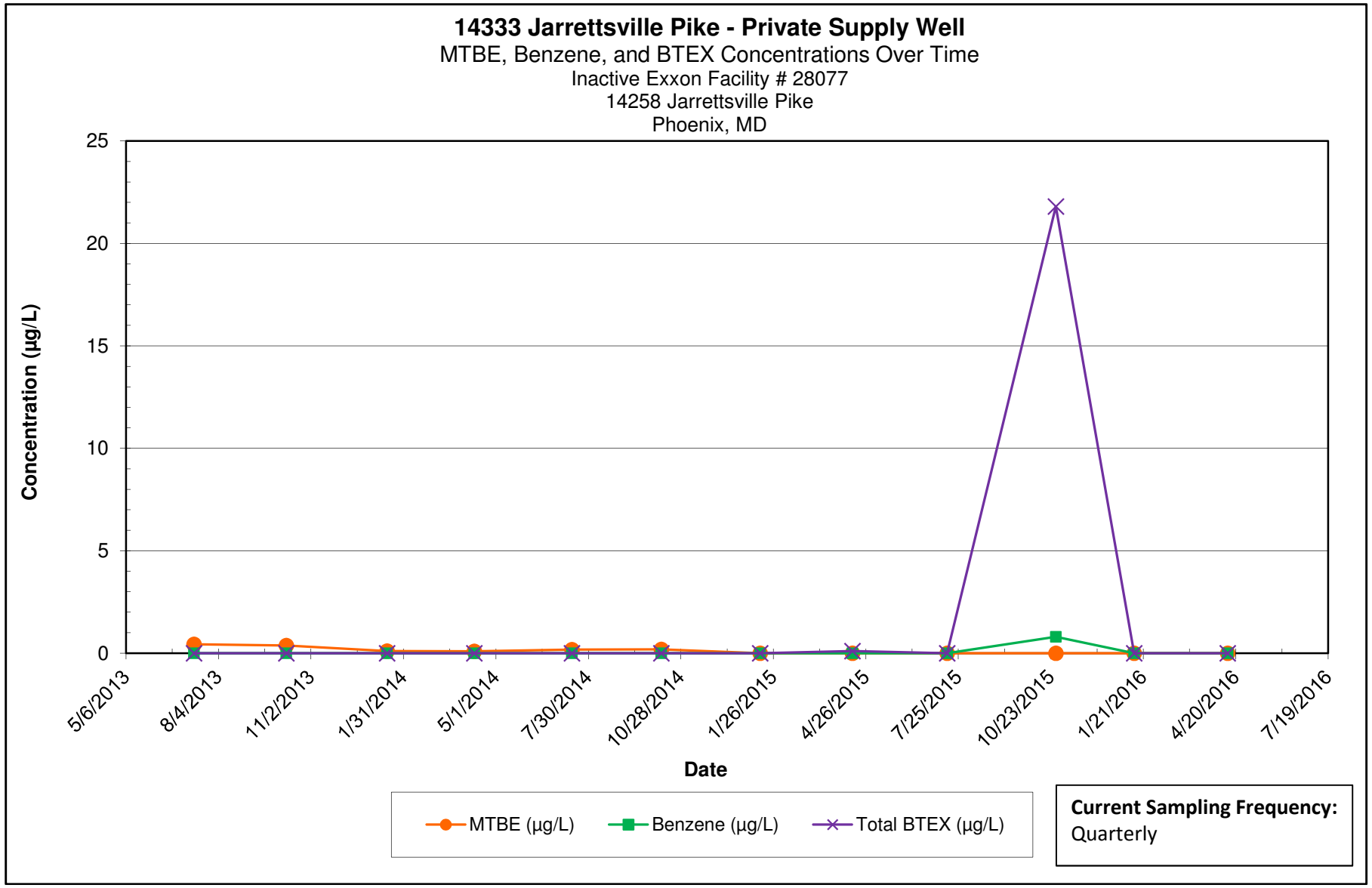

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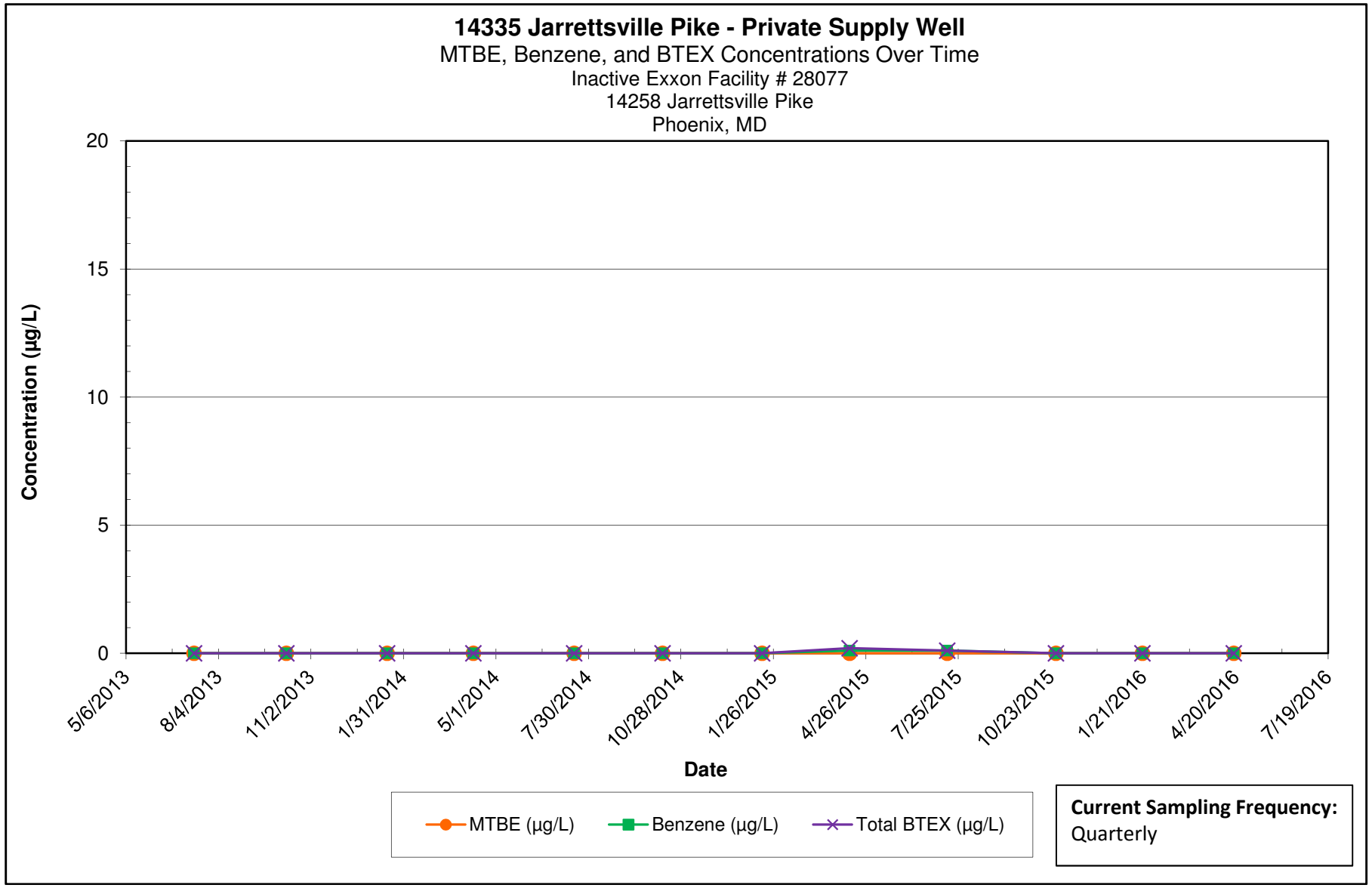

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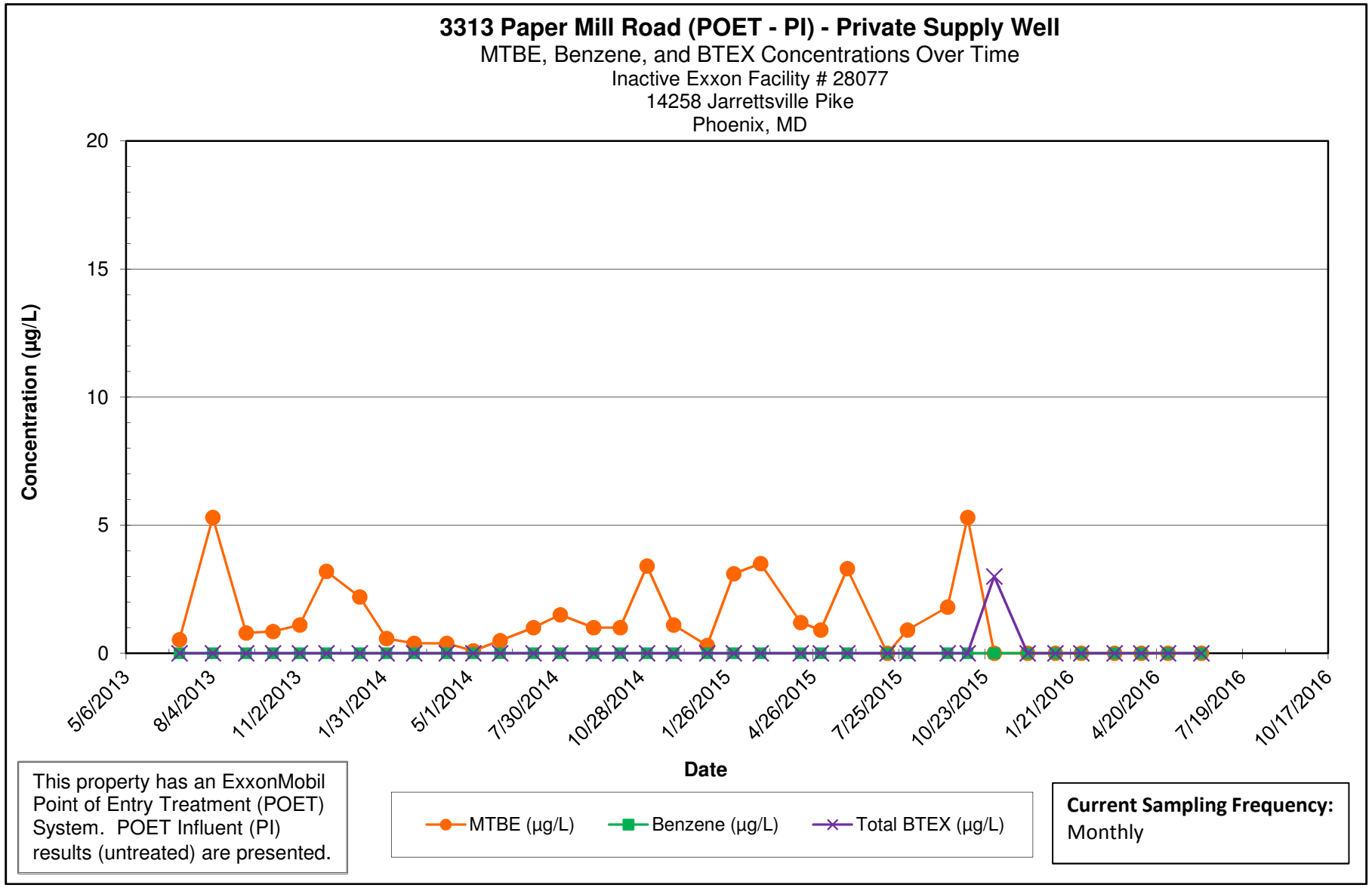

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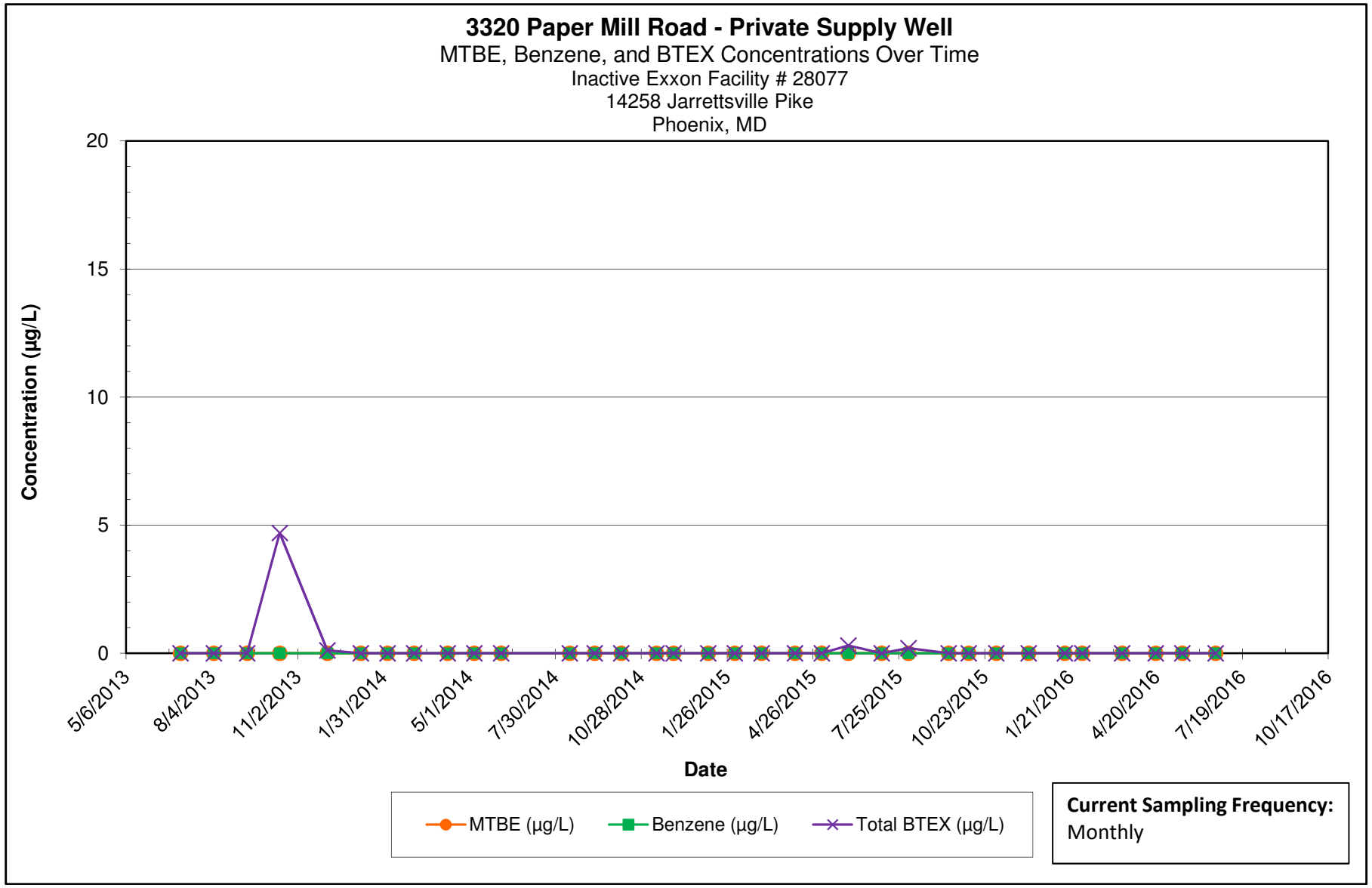

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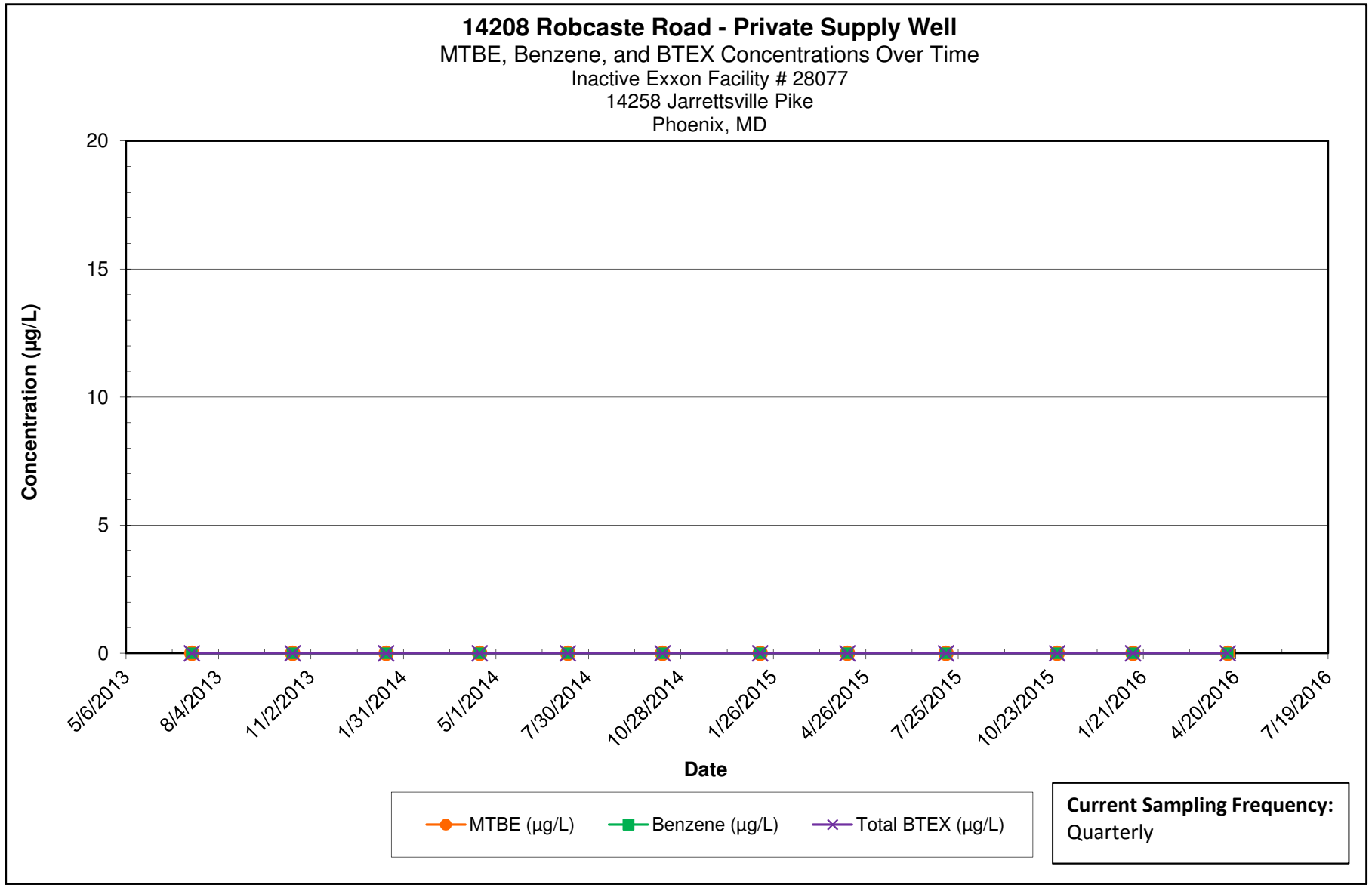

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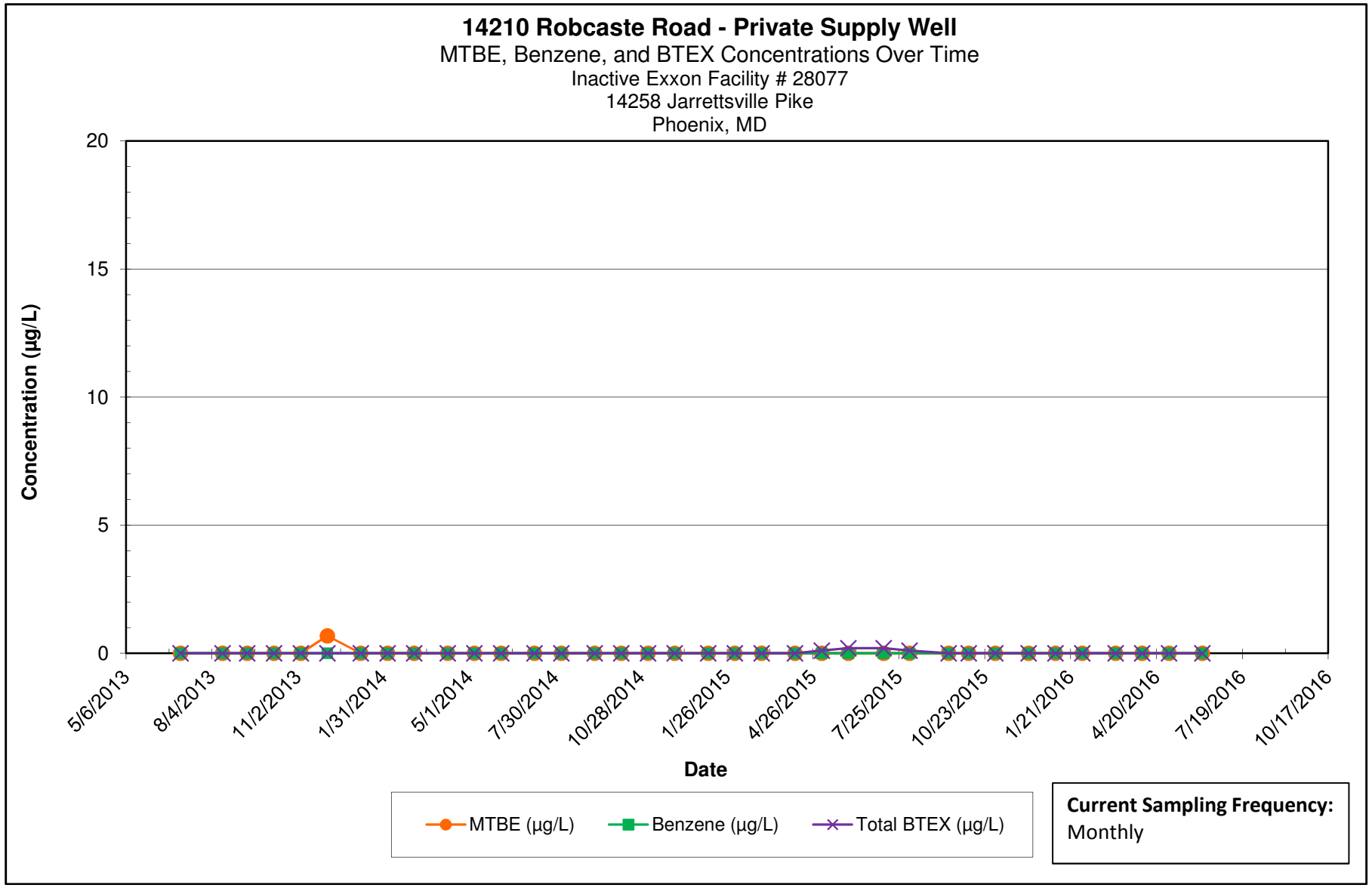

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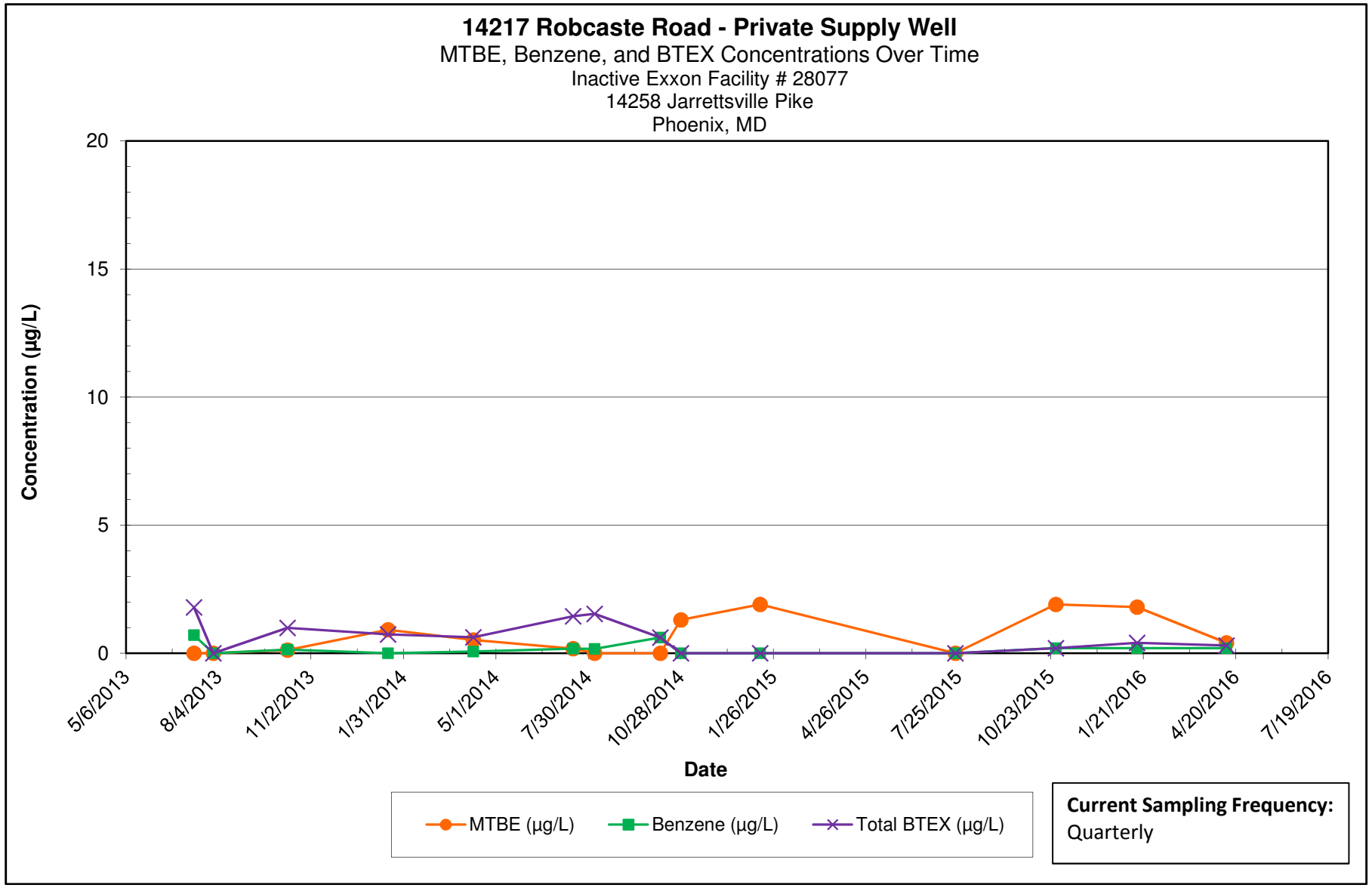

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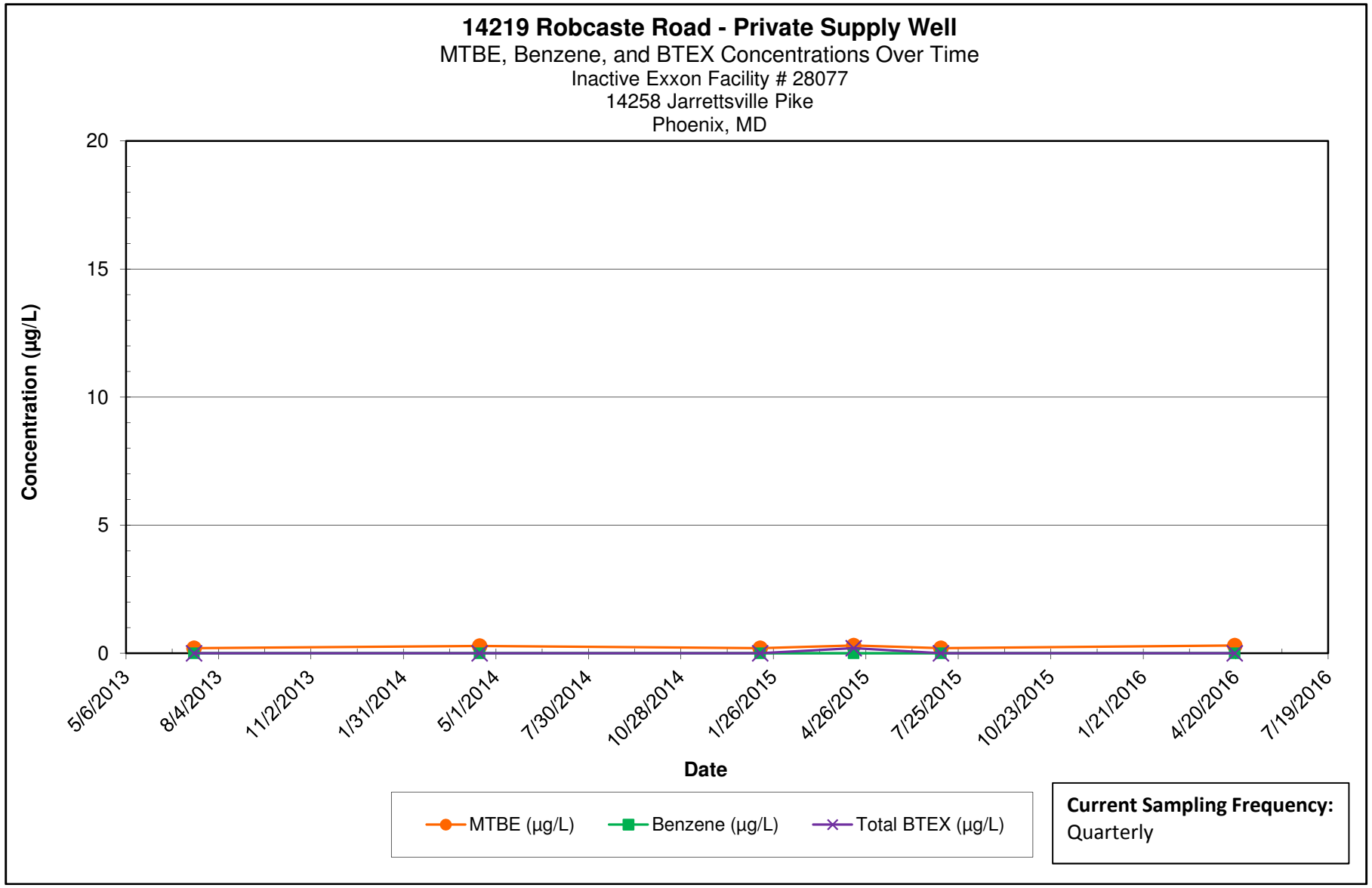

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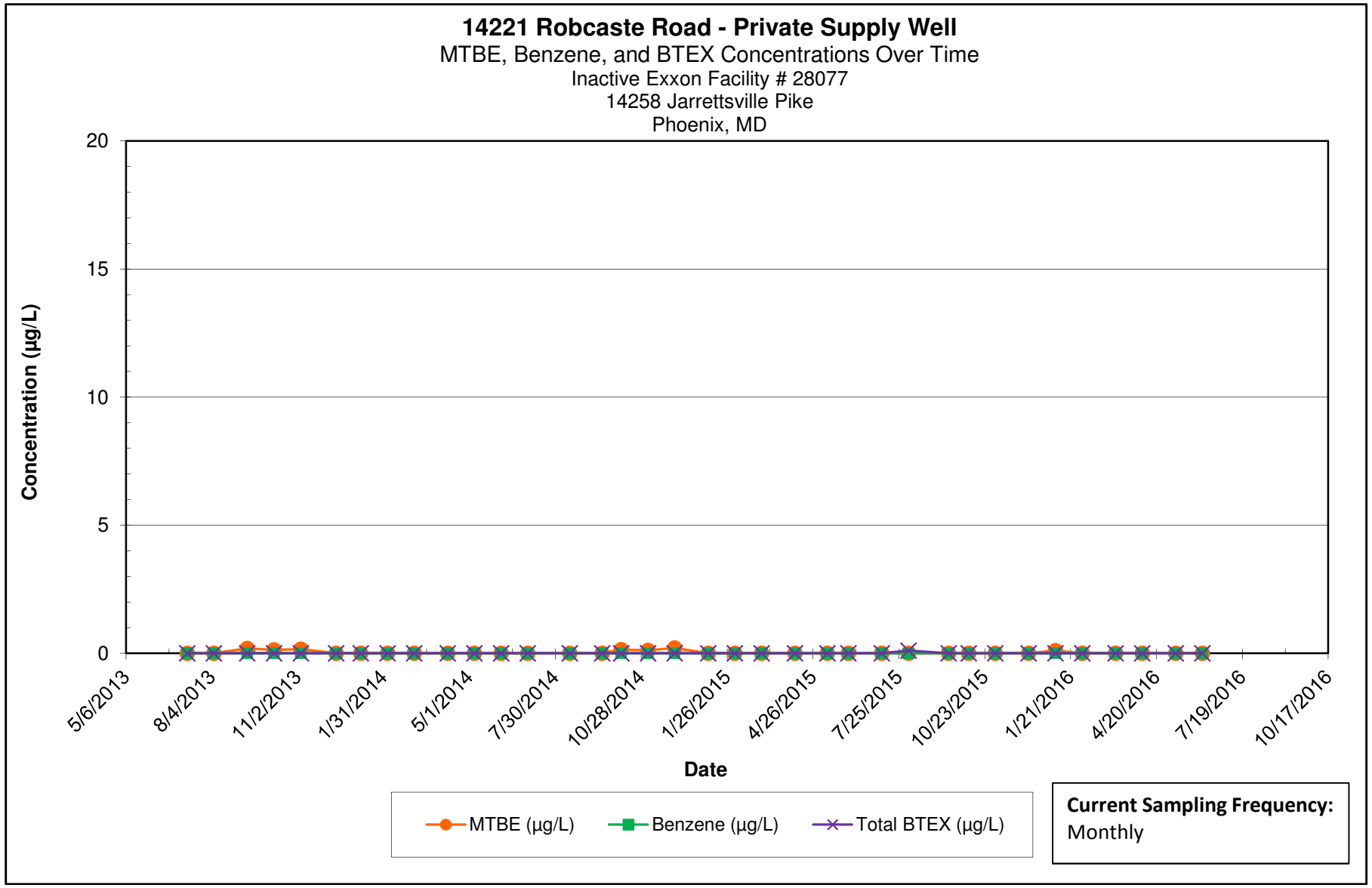

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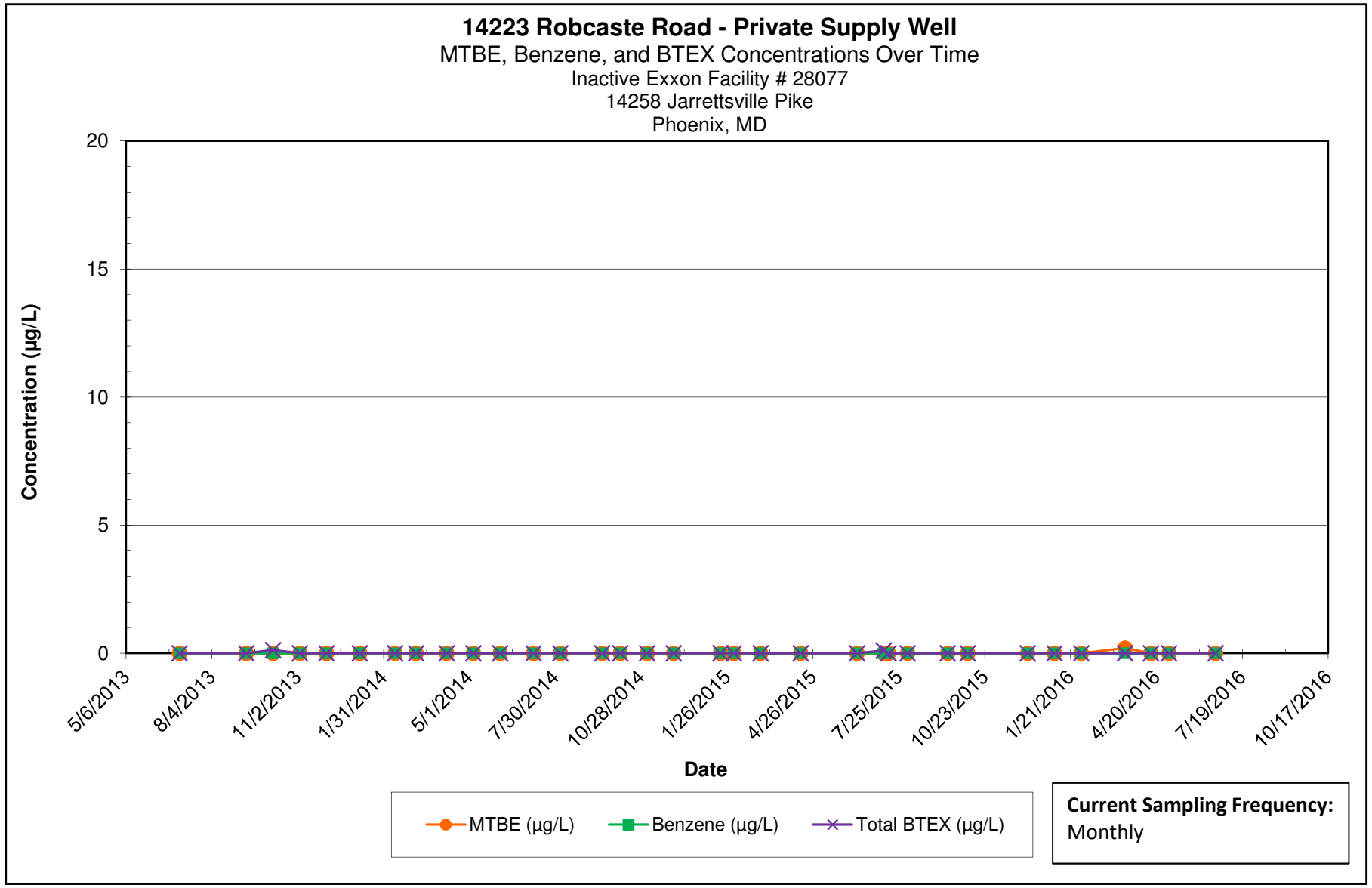

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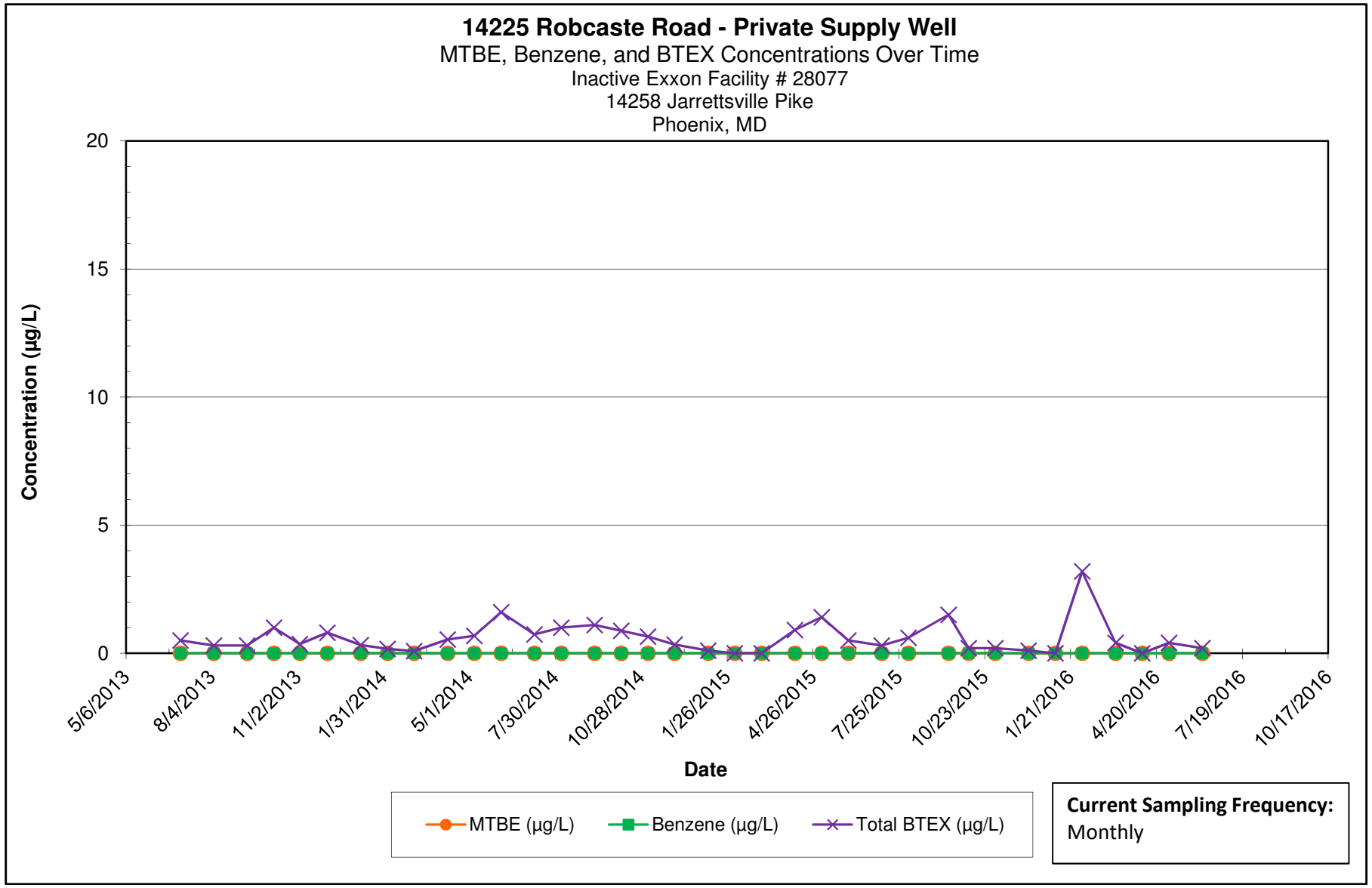

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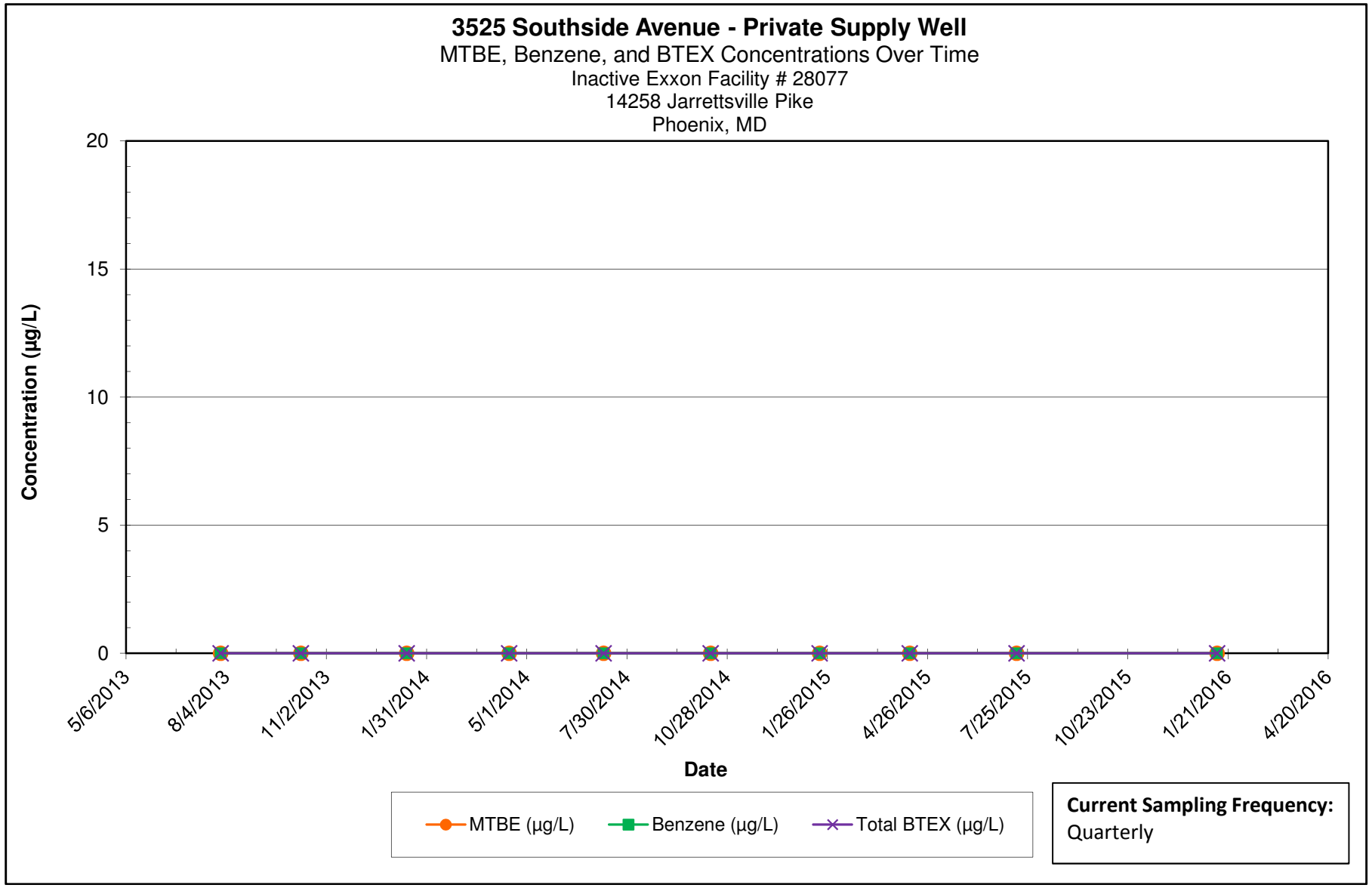

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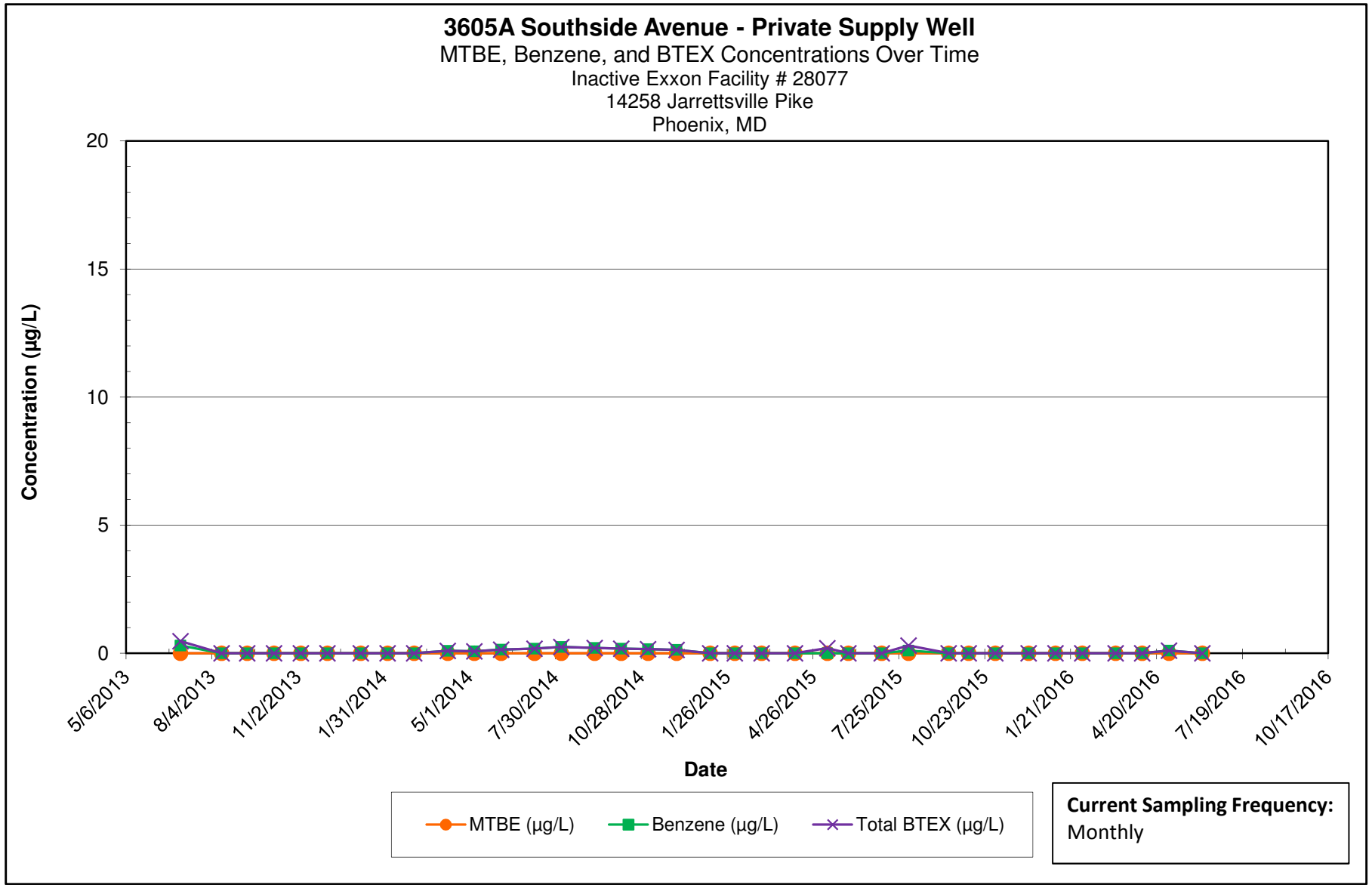

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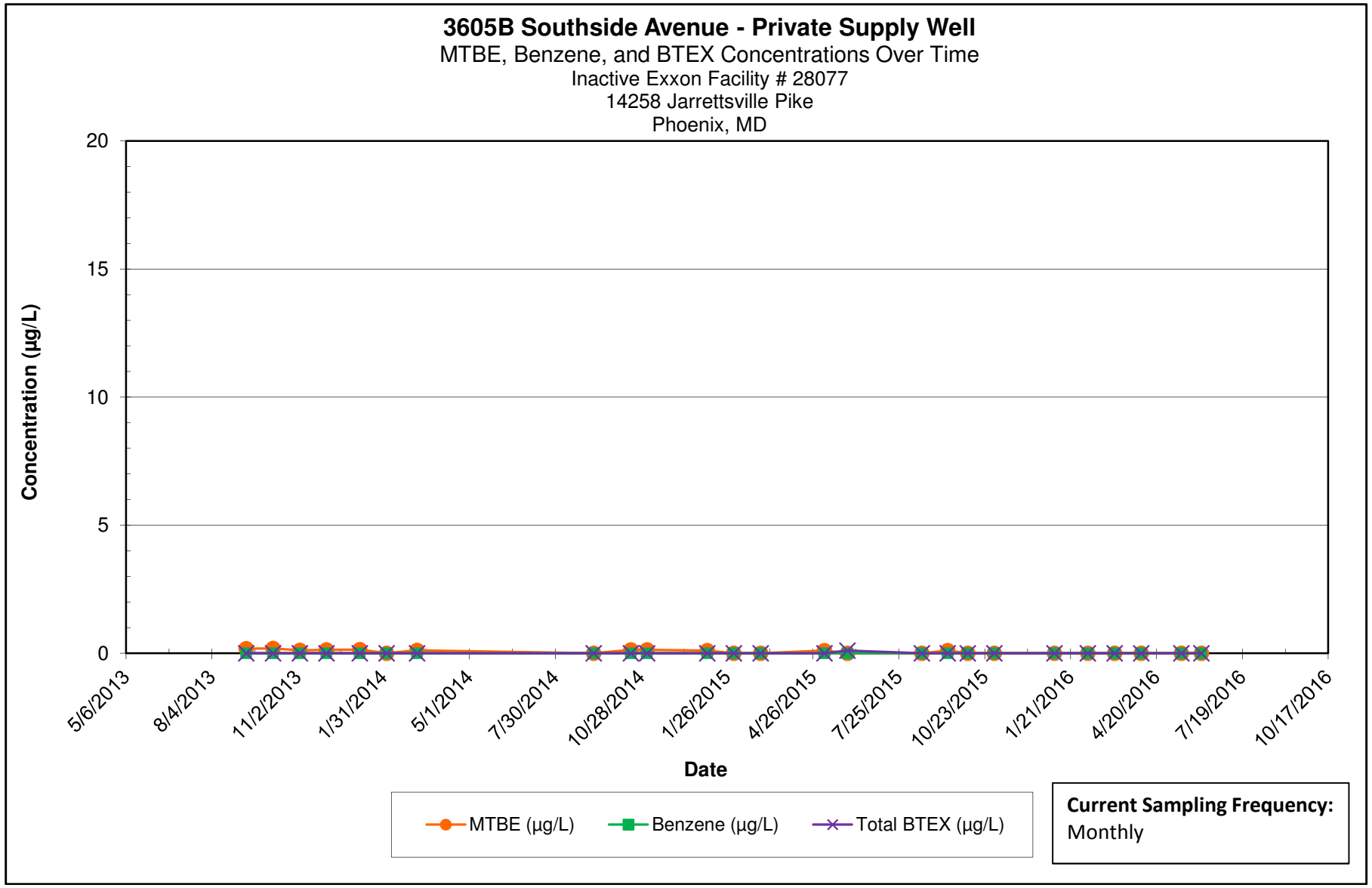

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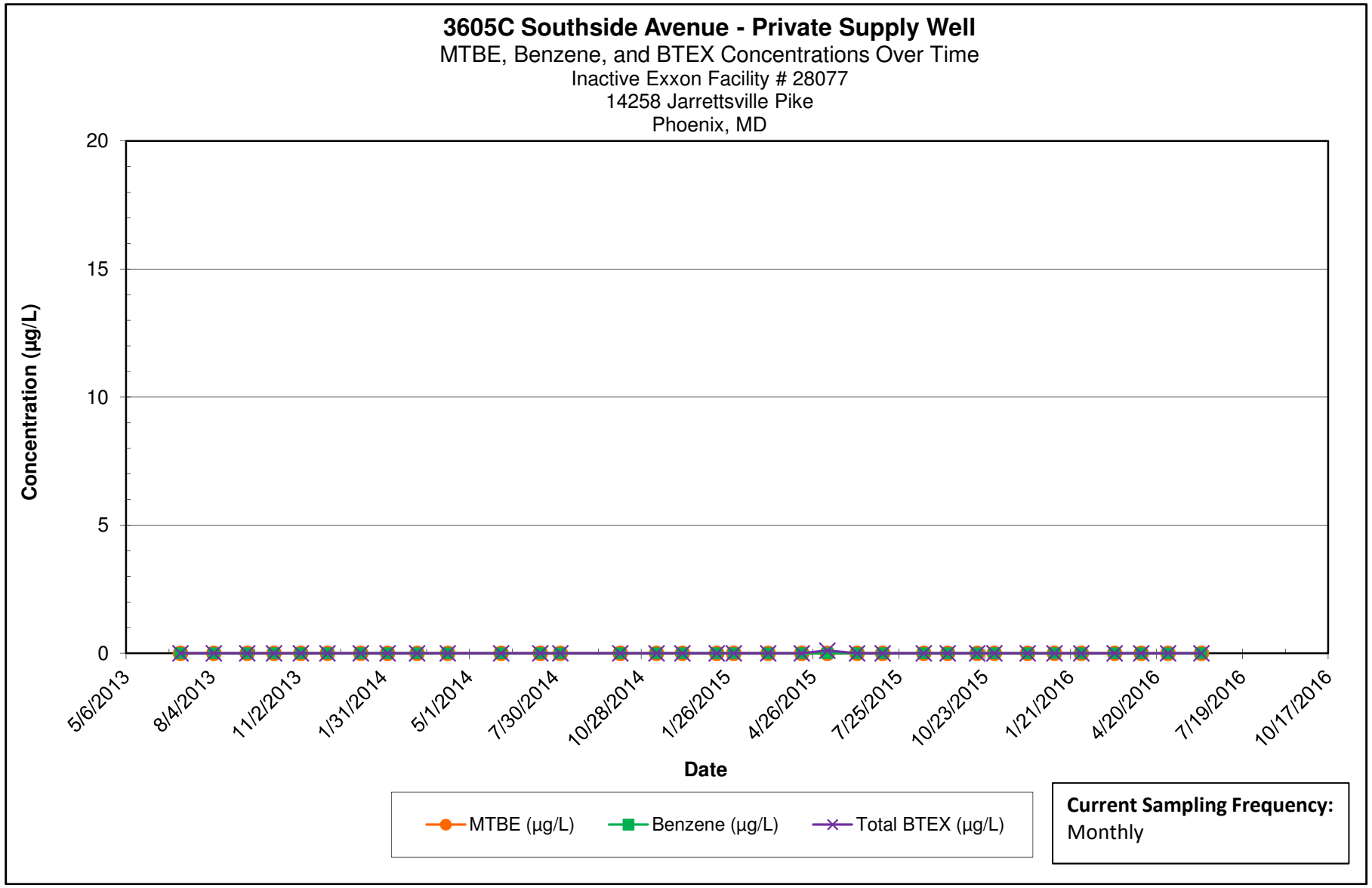

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3.) Non-EMES POET

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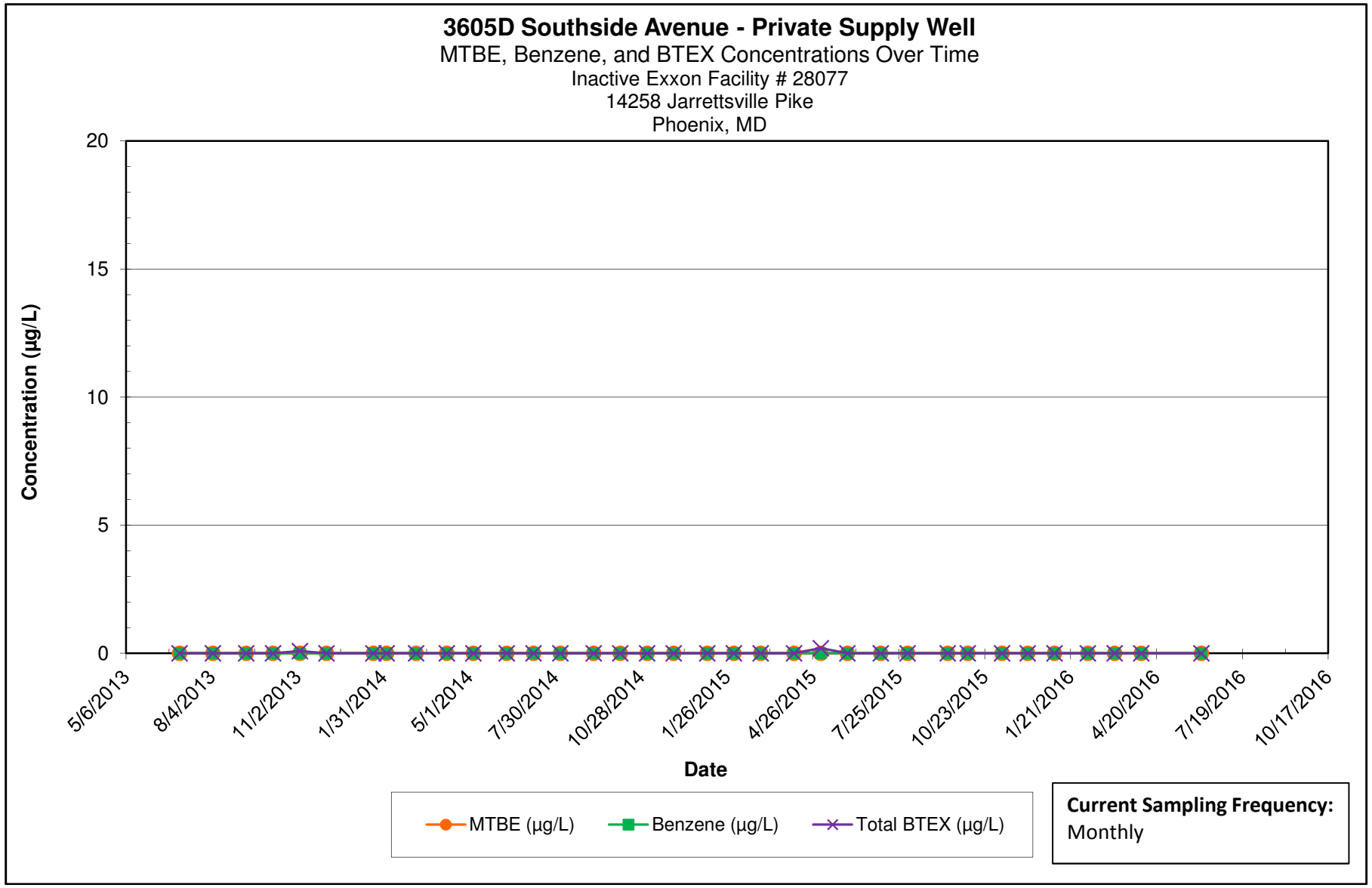

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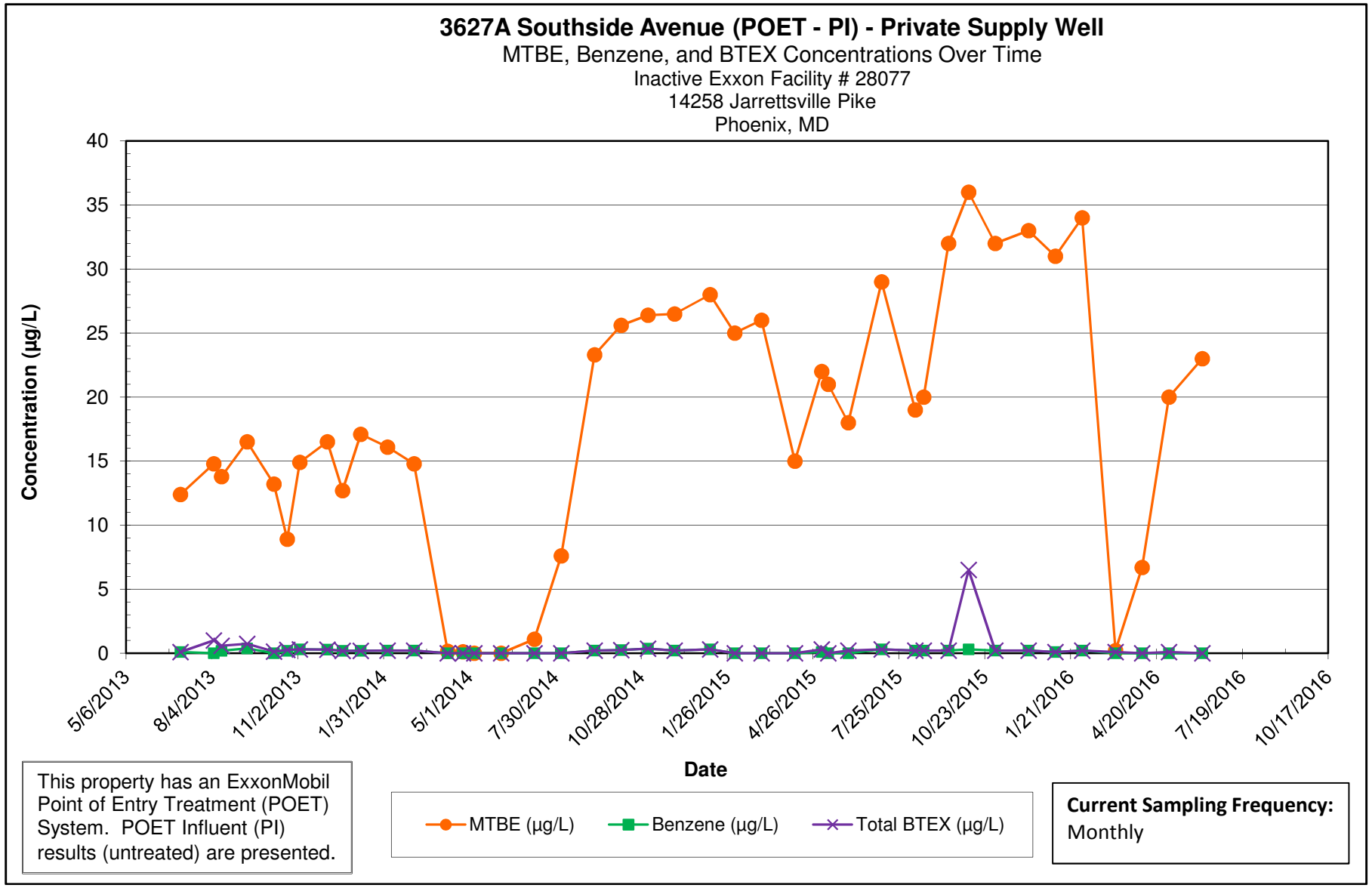

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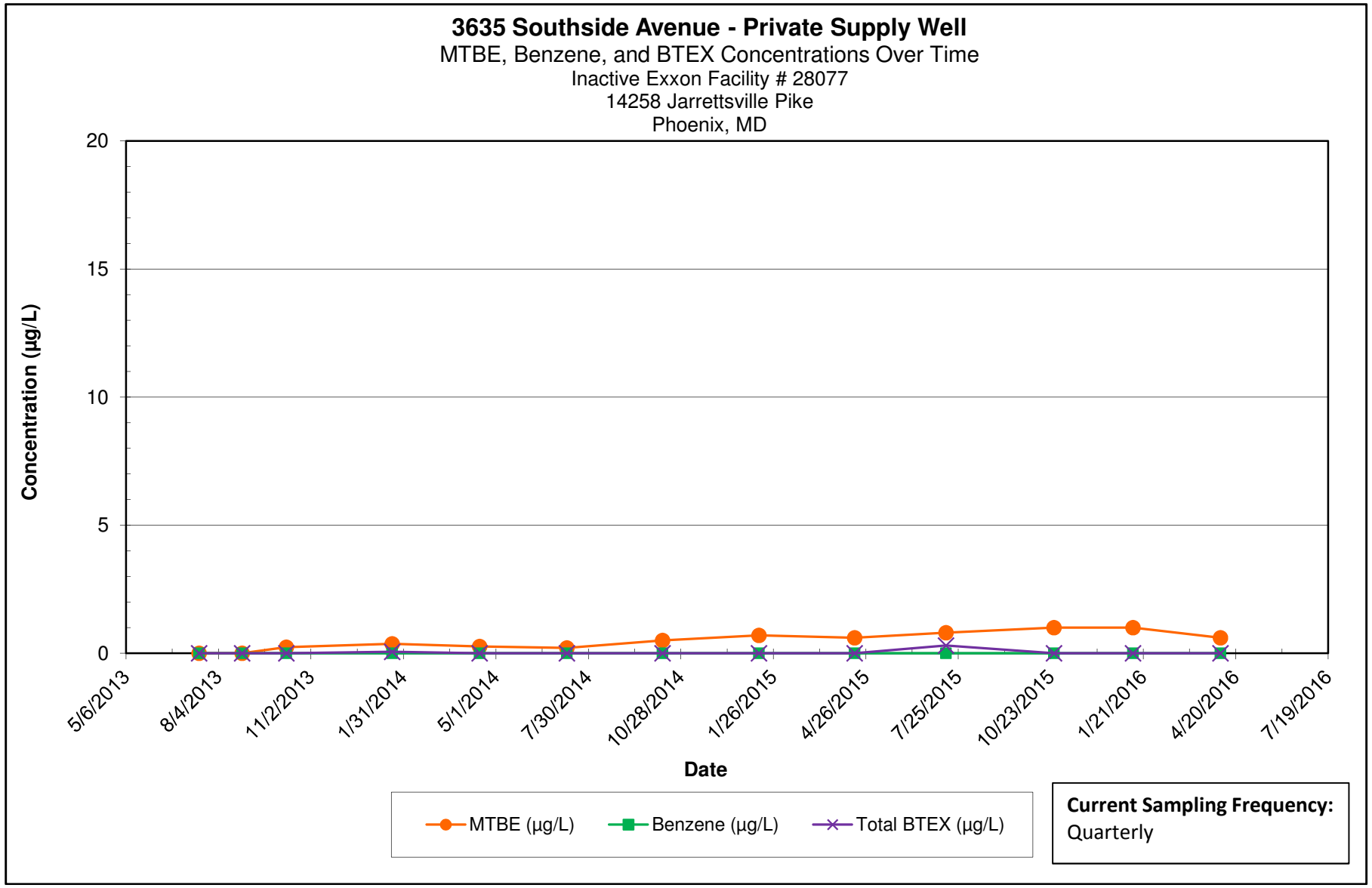

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