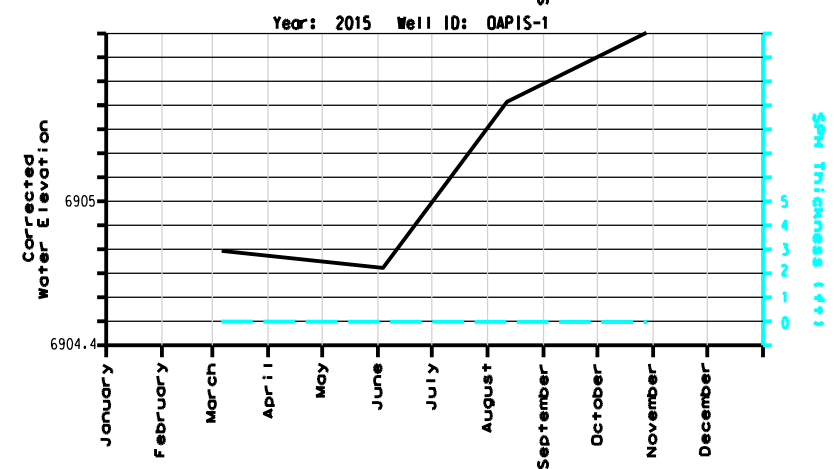
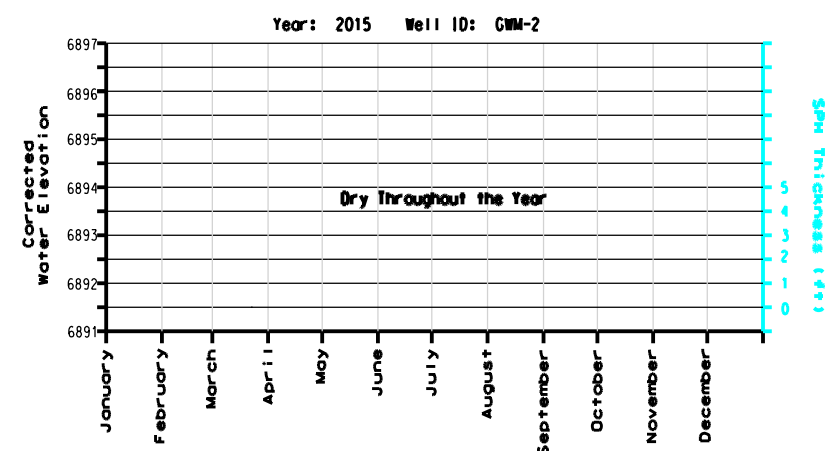
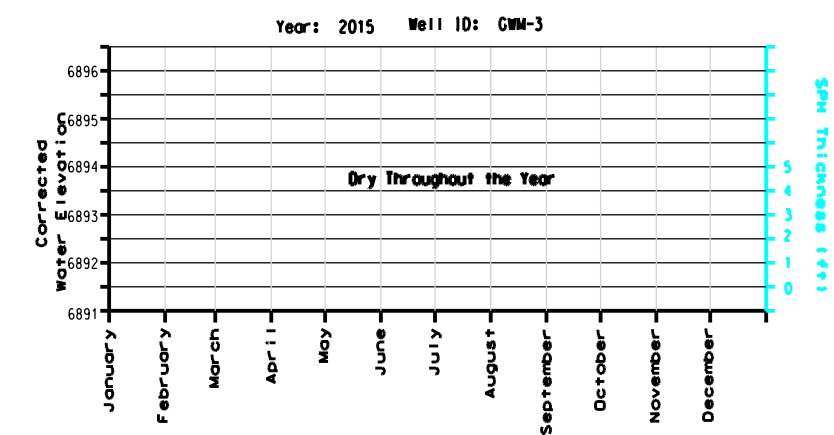
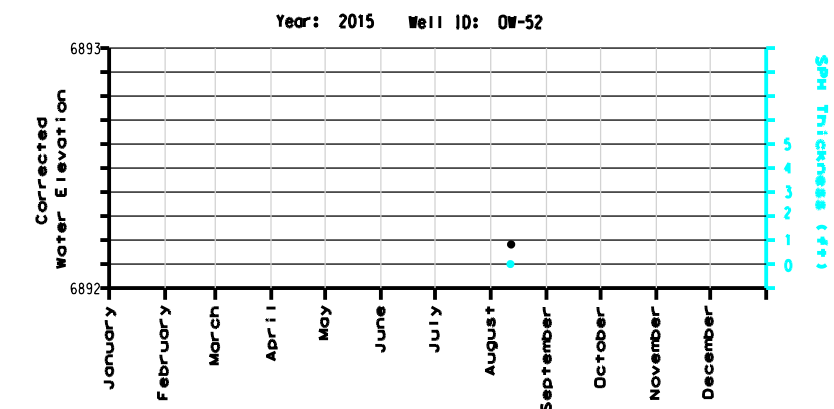
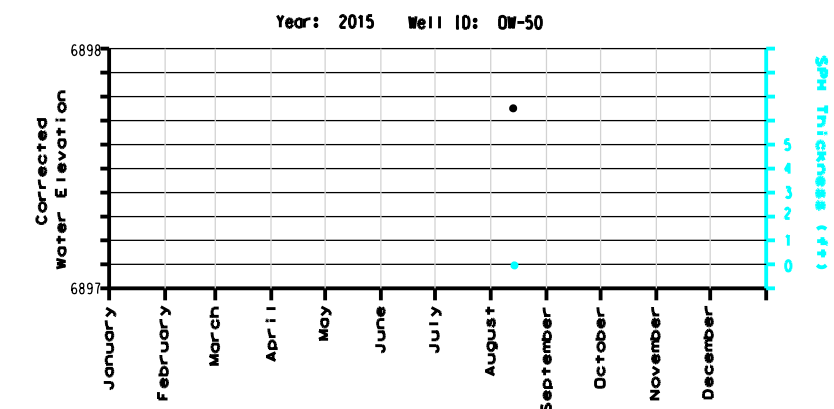
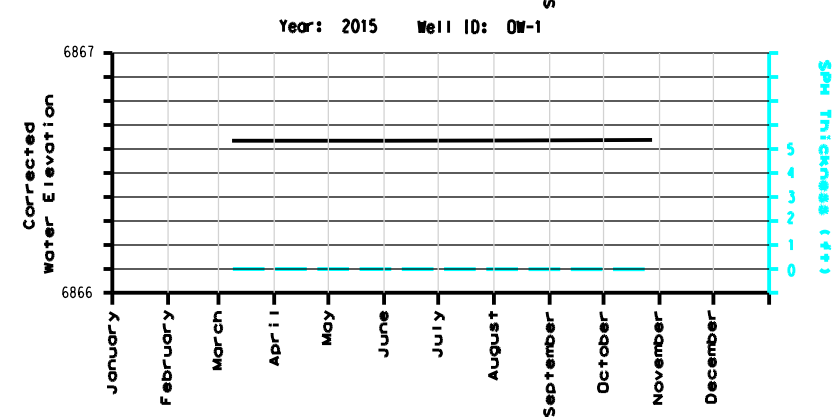
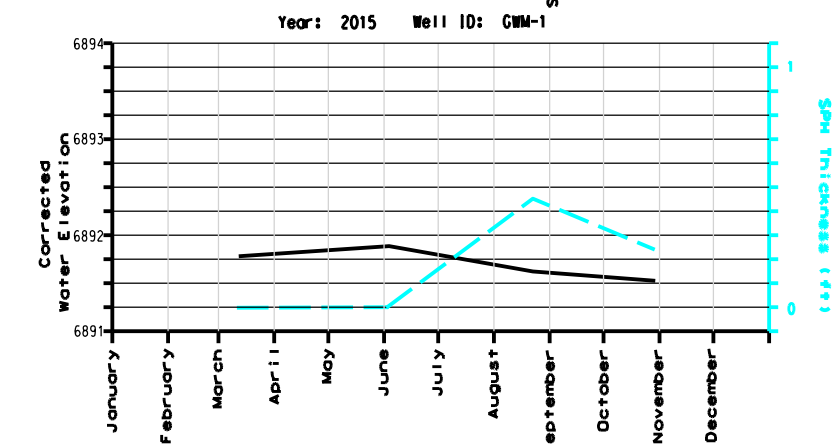
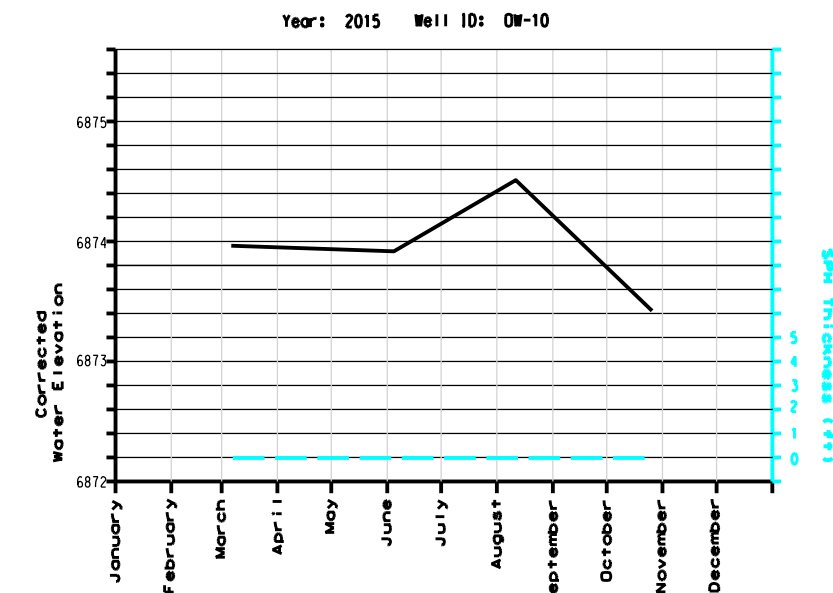
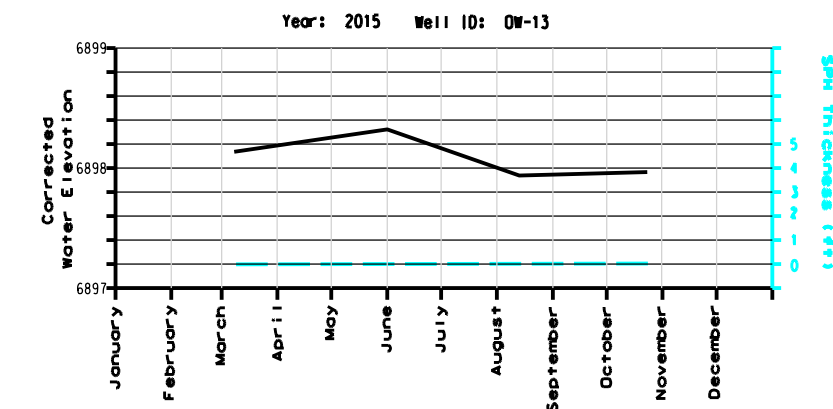
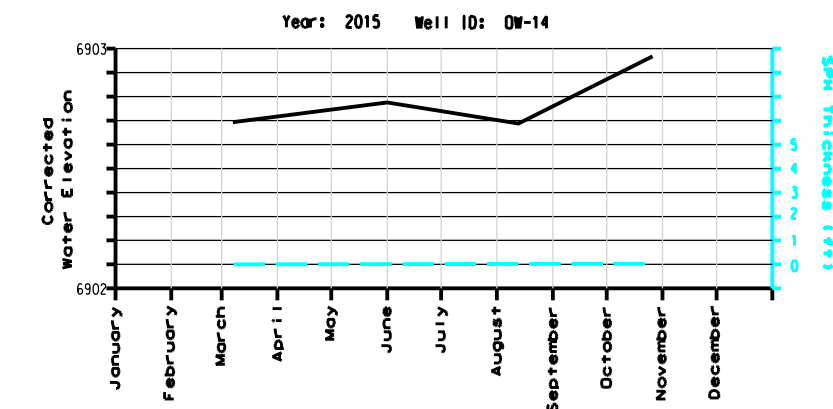
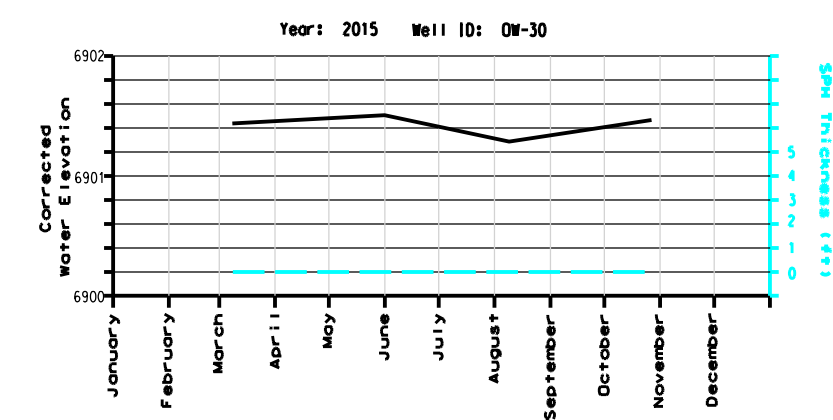
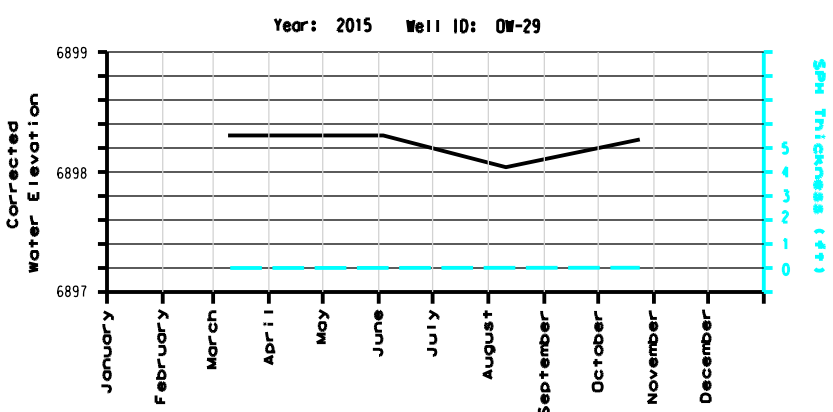
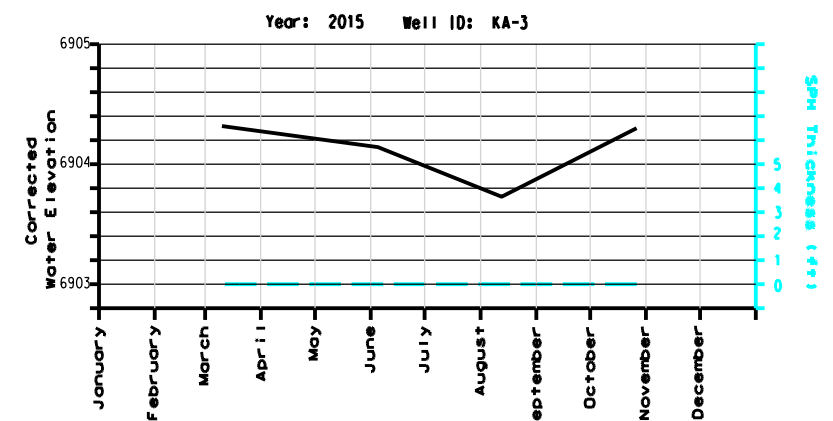
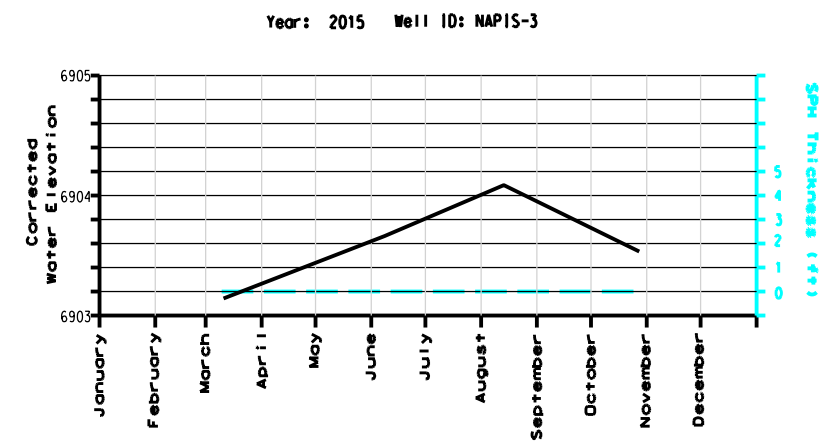
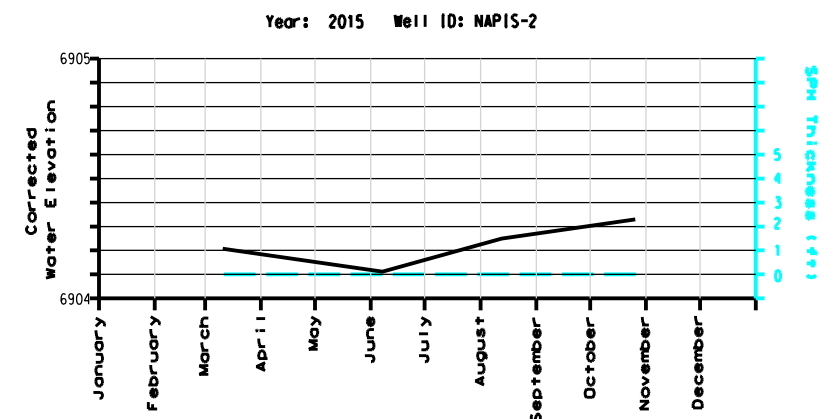
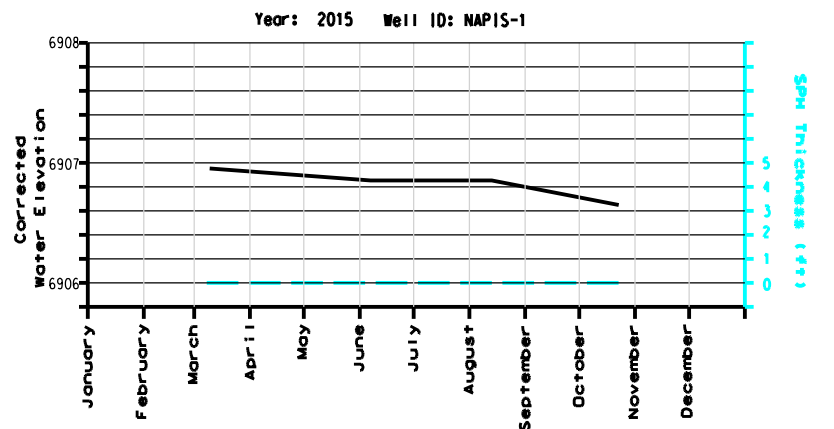
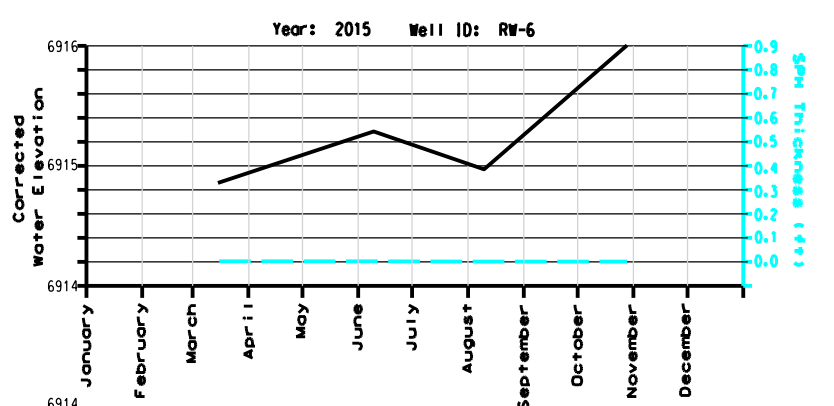
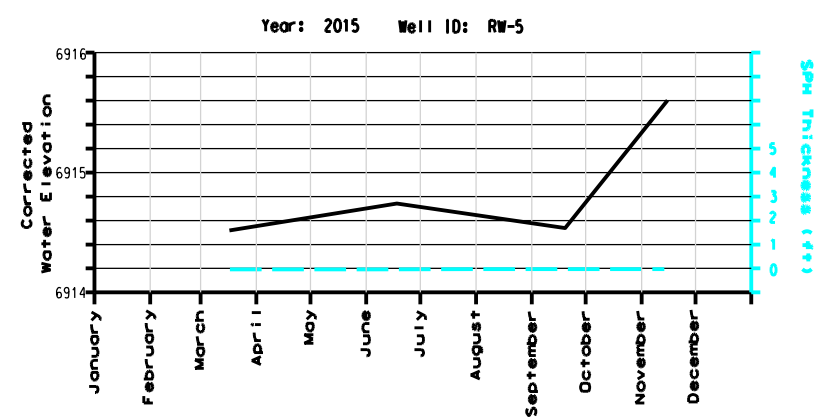
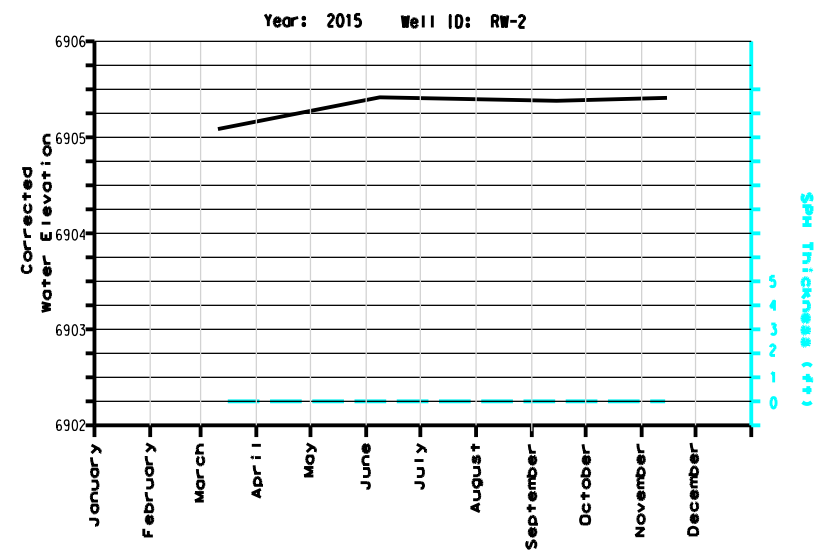
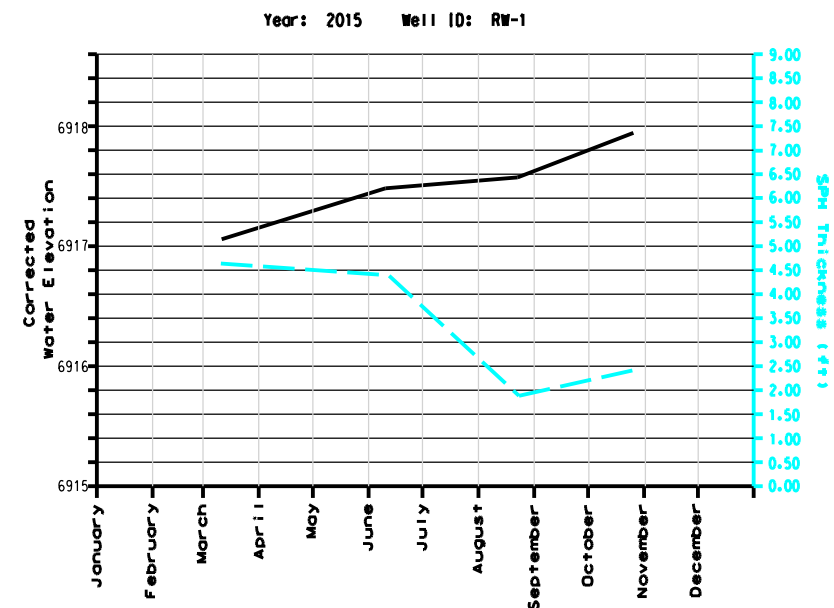


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2015

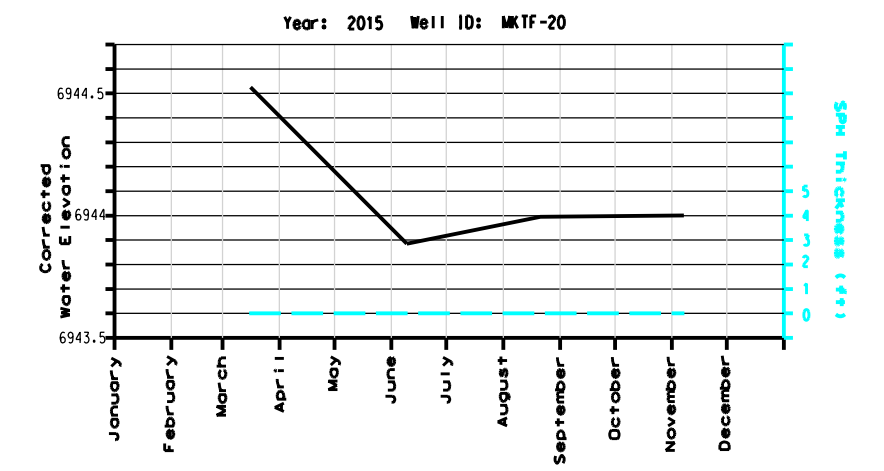
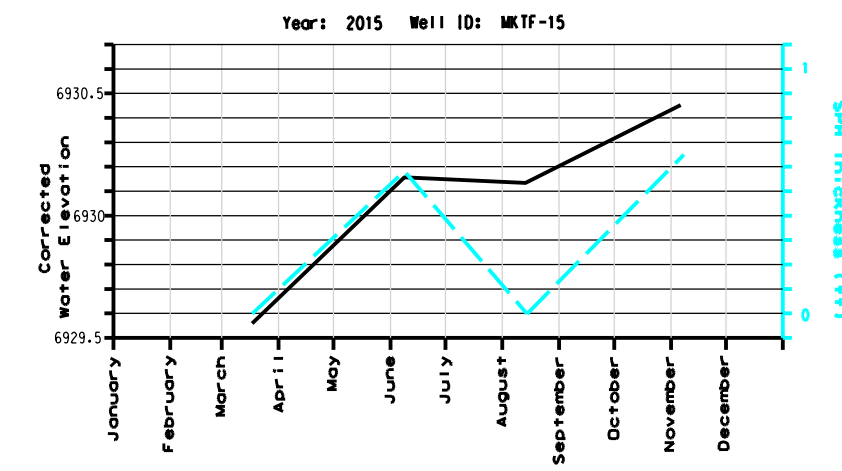
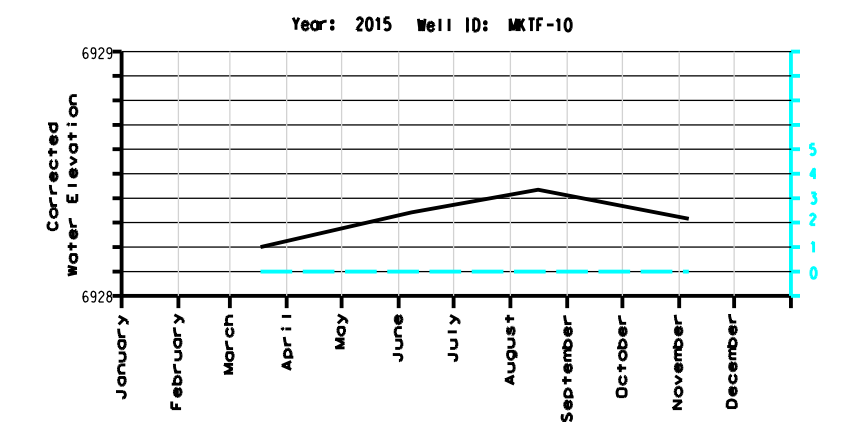
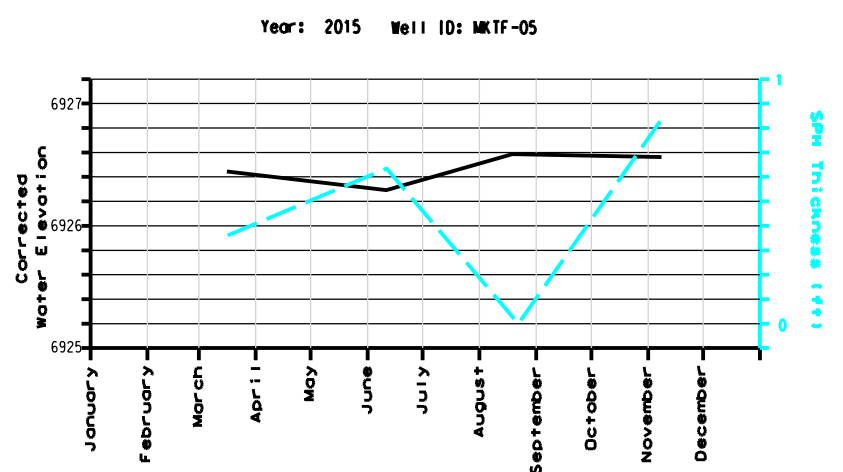
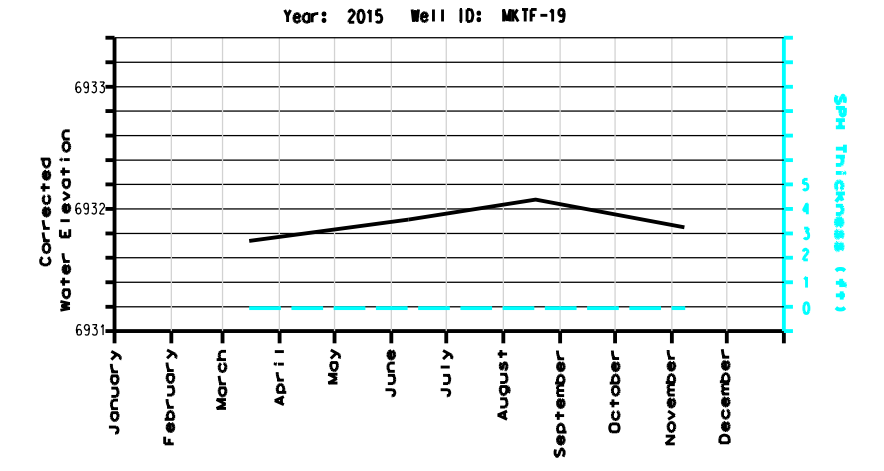
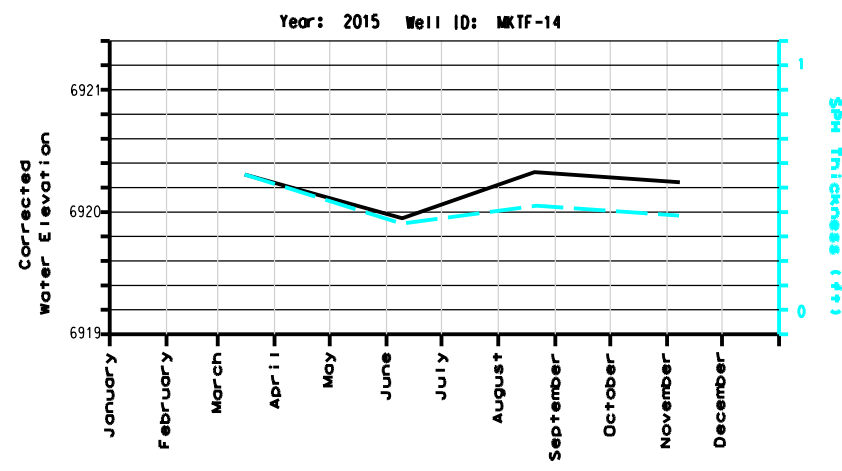
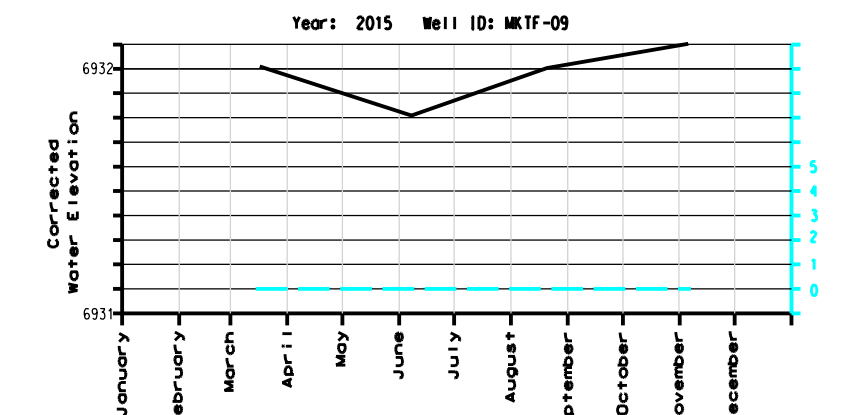
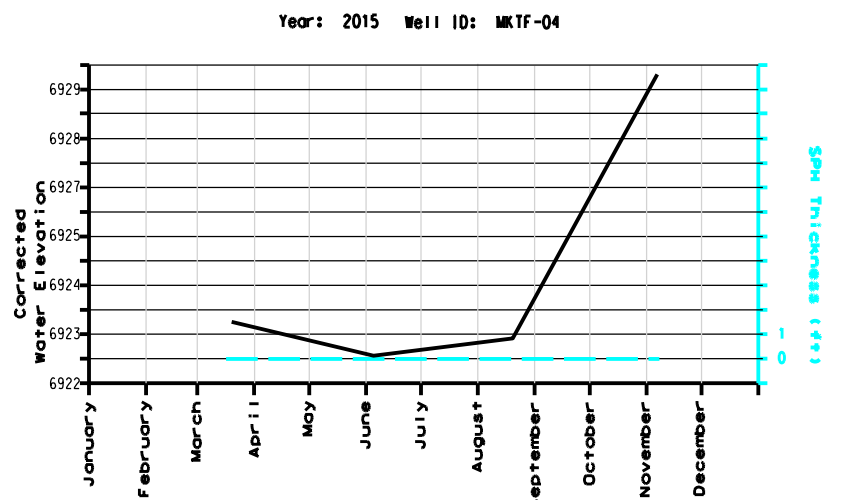
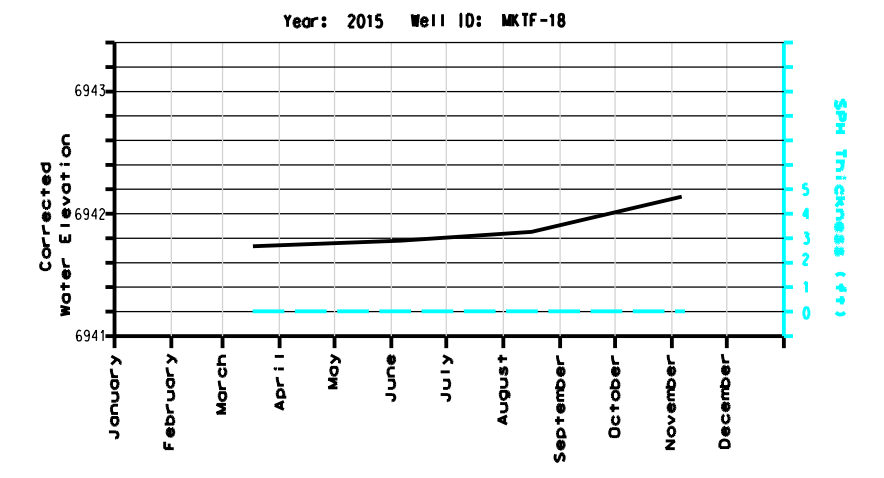
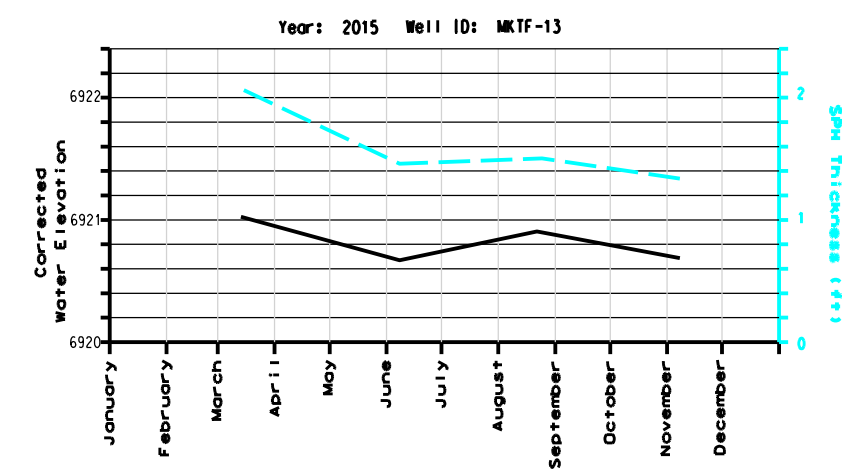
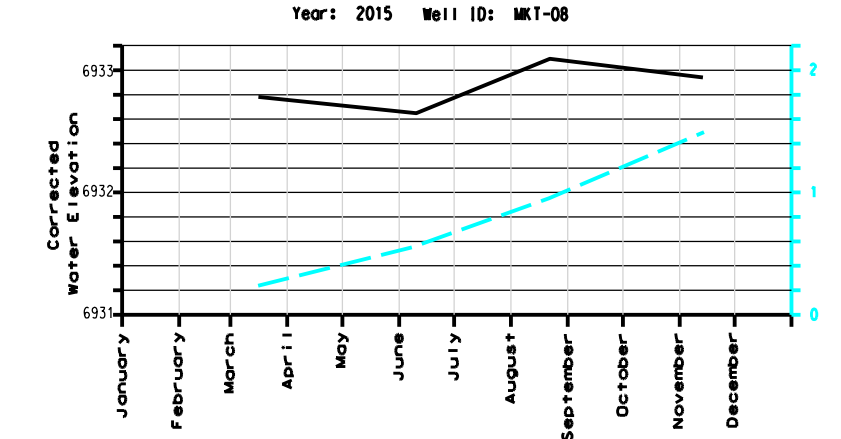
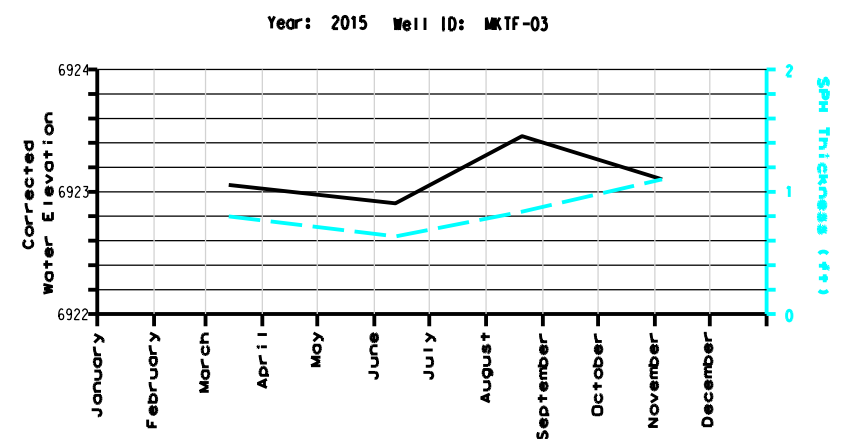
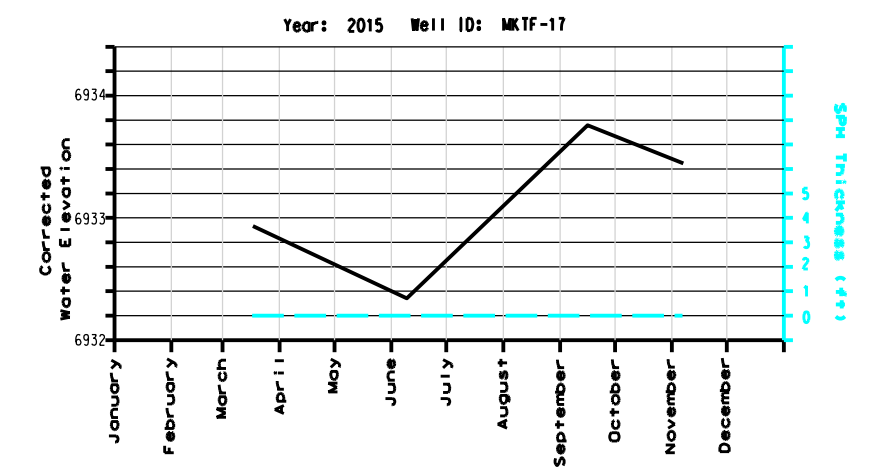
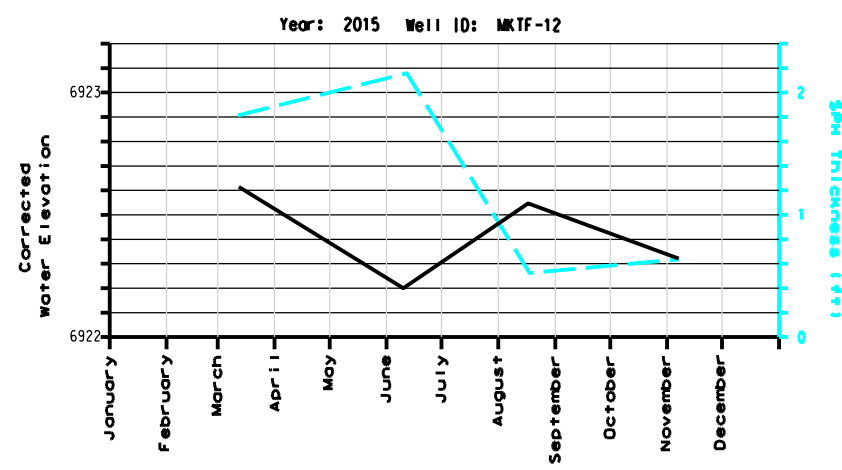
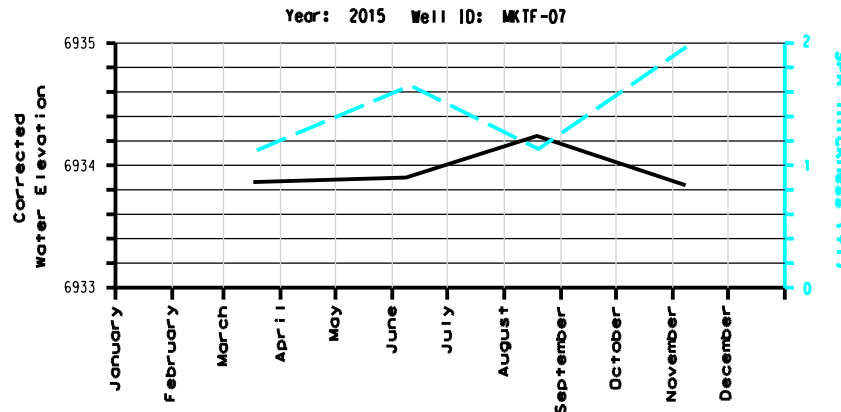
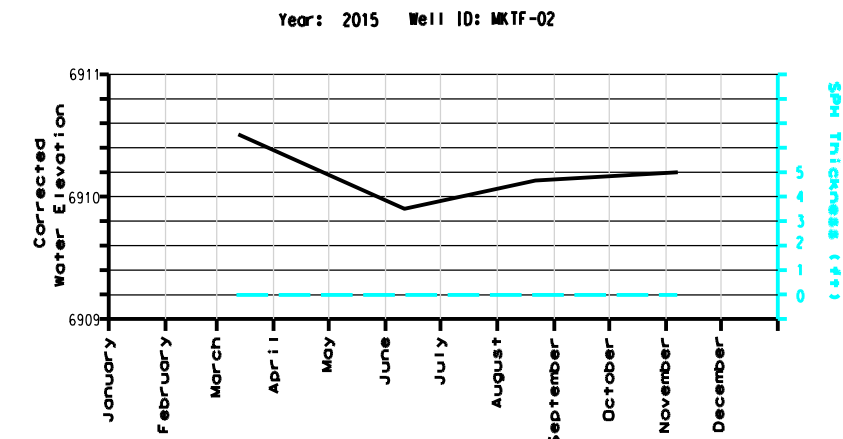
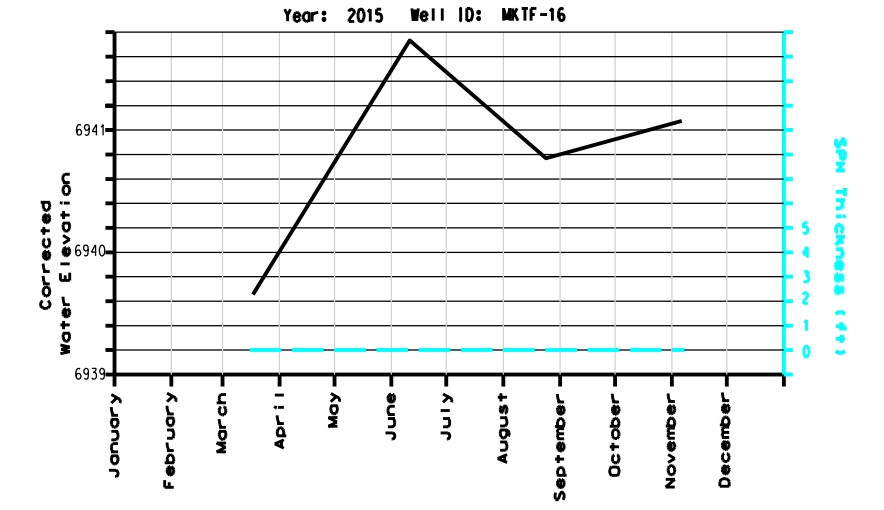
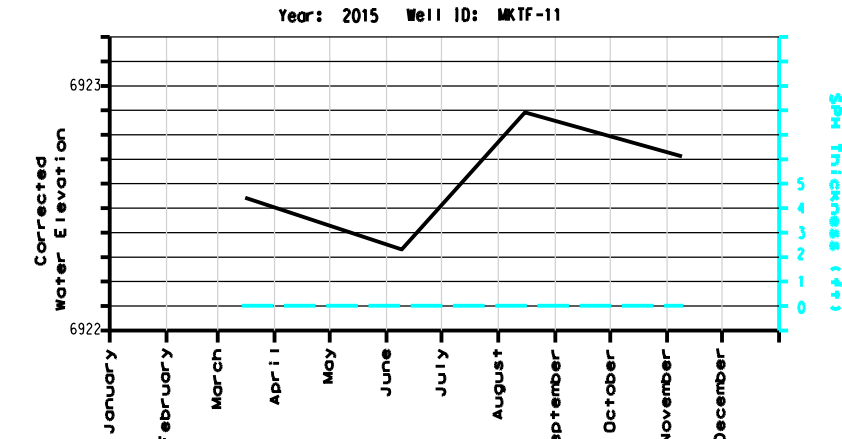
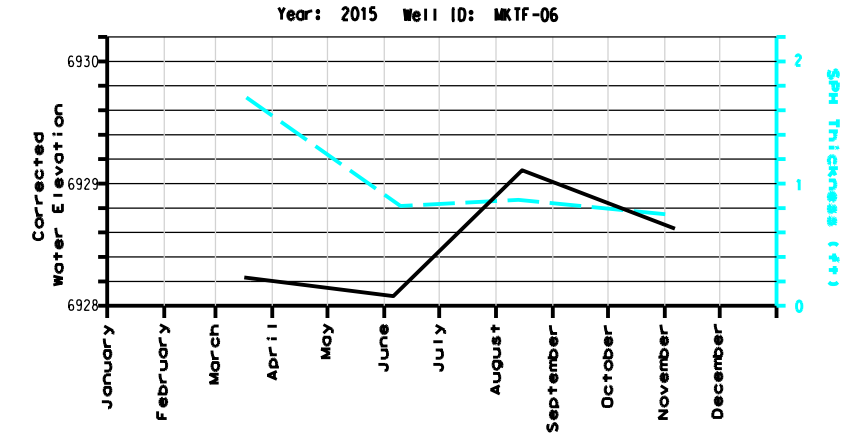
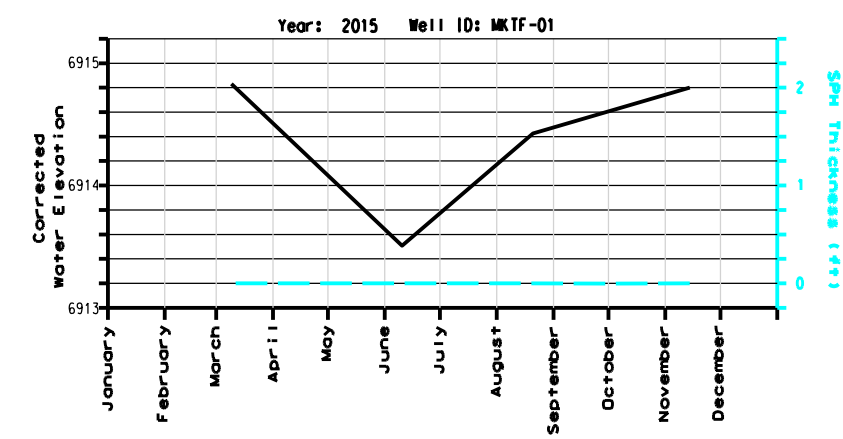


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Project #: 06251104

Figure 11
GROUNDWATER ELEVATION VS TIME - 2015
WESTERN REFINING - GALLUP REFINERY

Western Refining - Gallup Refinery
 92 Giant Crossing Road
 Gallup, New Mexico 87301
 Date: July 28, 2016



4601 Ripley
El Paso, Texas
79922
915-584-1317

NTS

Project #: 06251104

Figure 11.1
GROUNDWATER ELEVATION VS TIME - 2015
WESTERN REFINING - GALLUP REFINERY

Western Refining - Gallup Refinery
92 Giant Crossing Road
Gallup, New Mexico 87301
Date: July 29, 2016

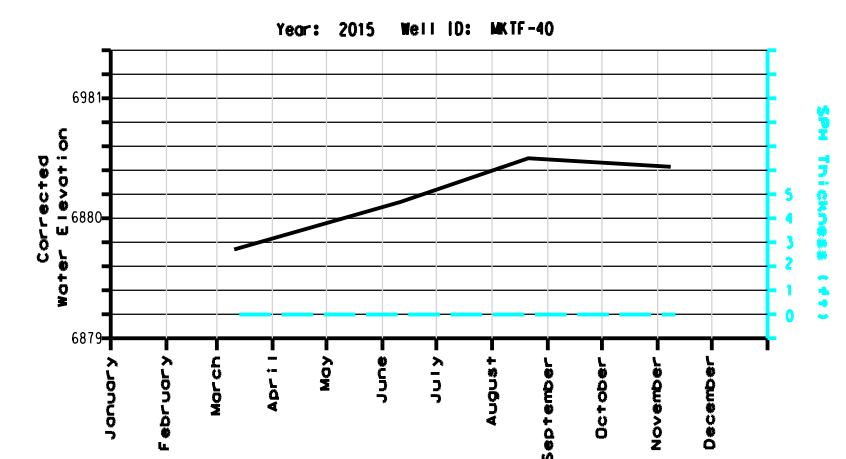
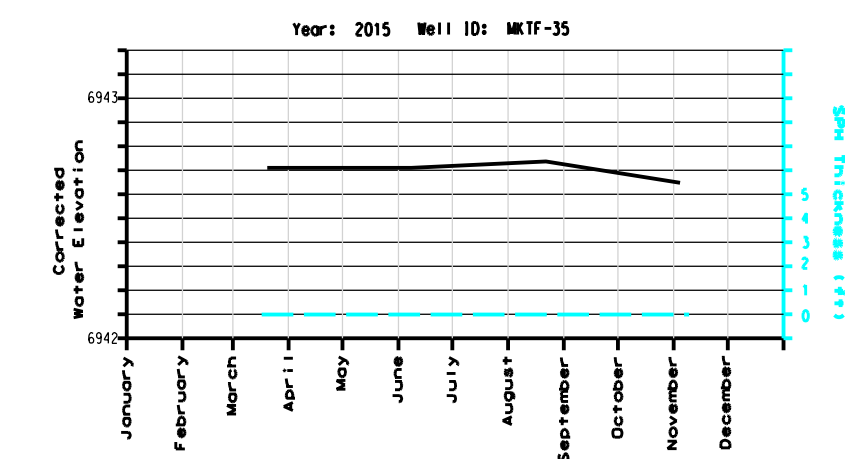
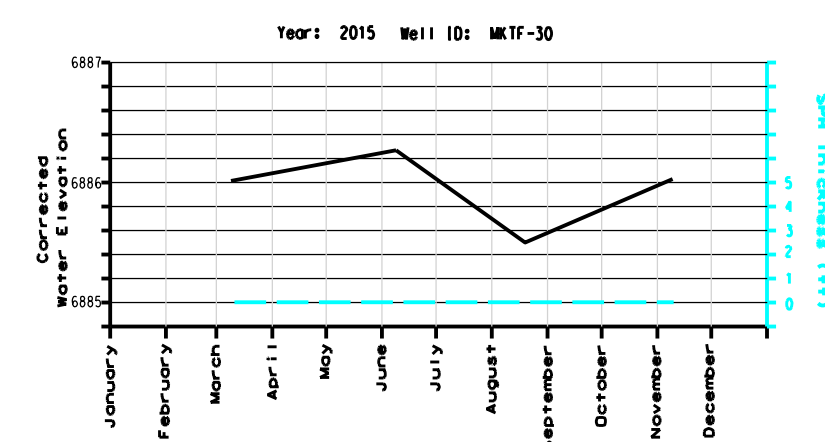
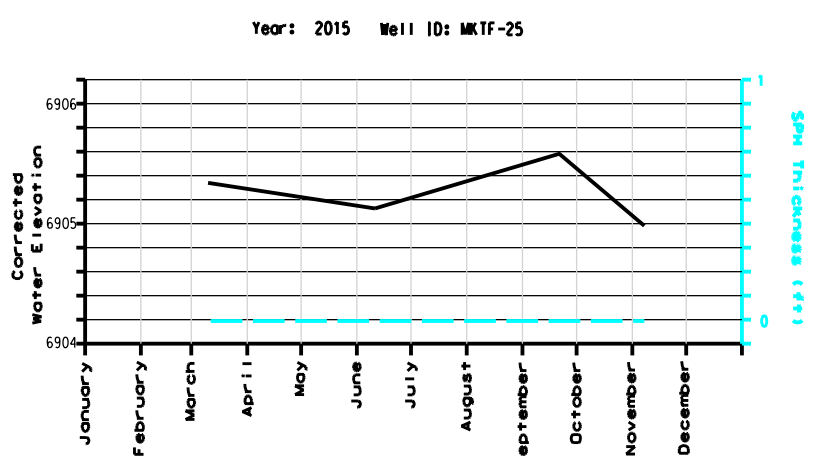
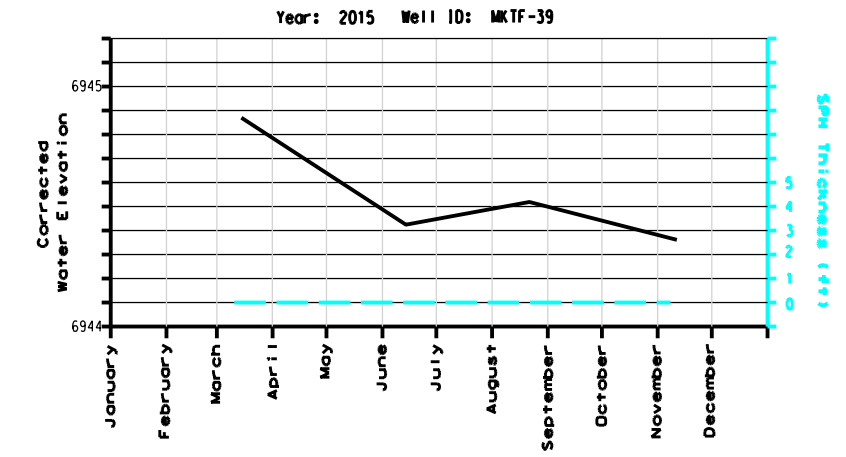
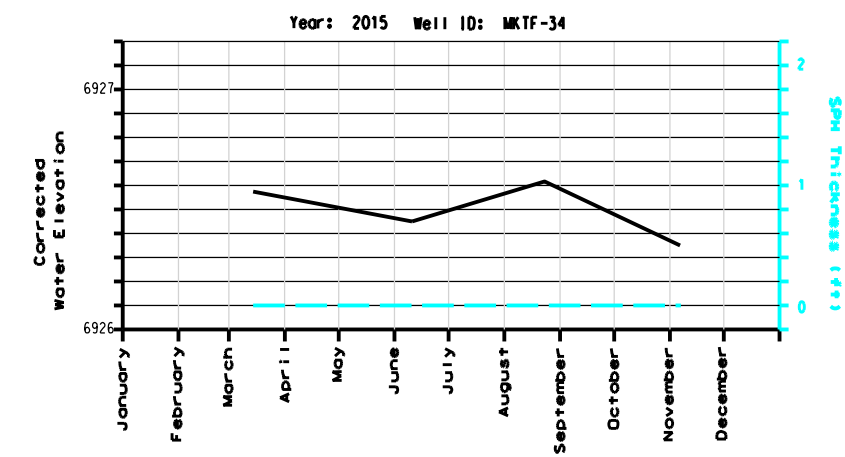
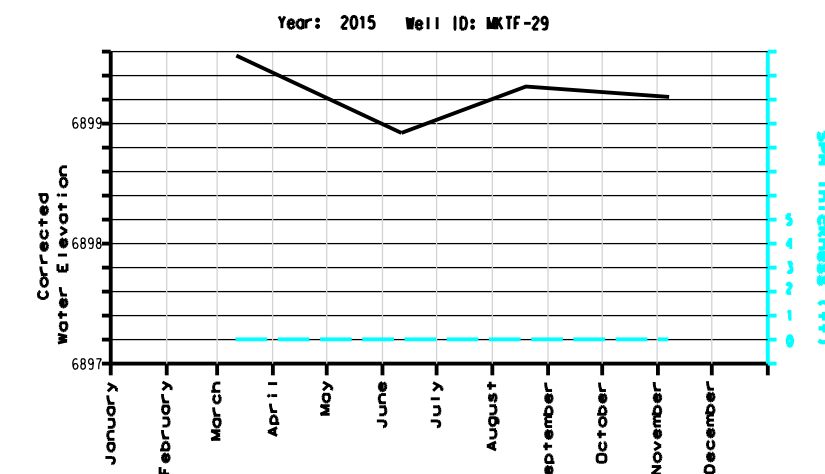
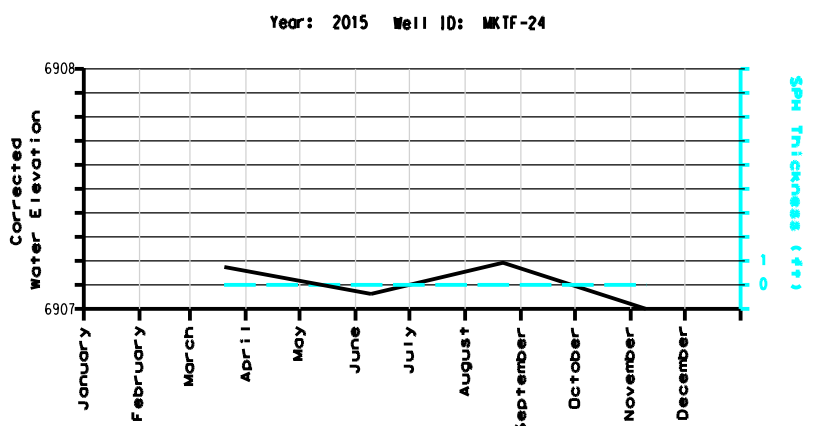
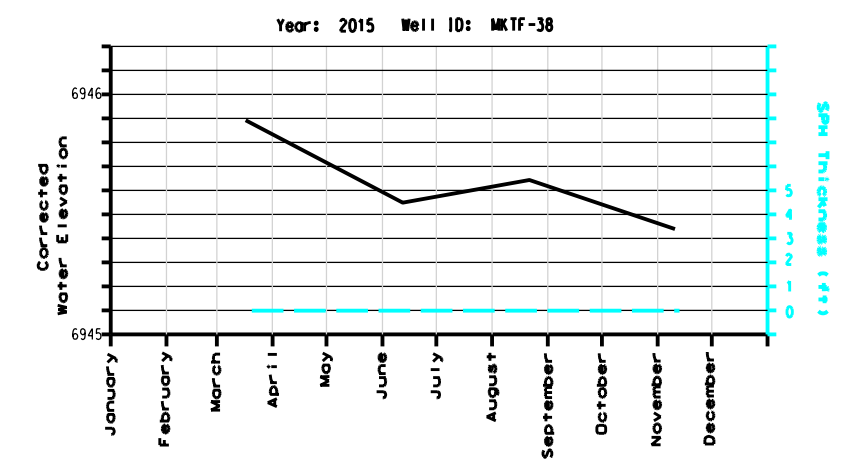
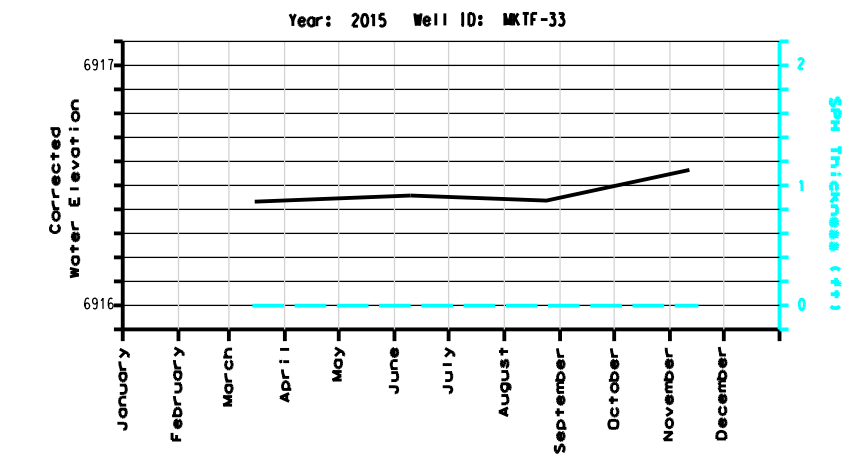
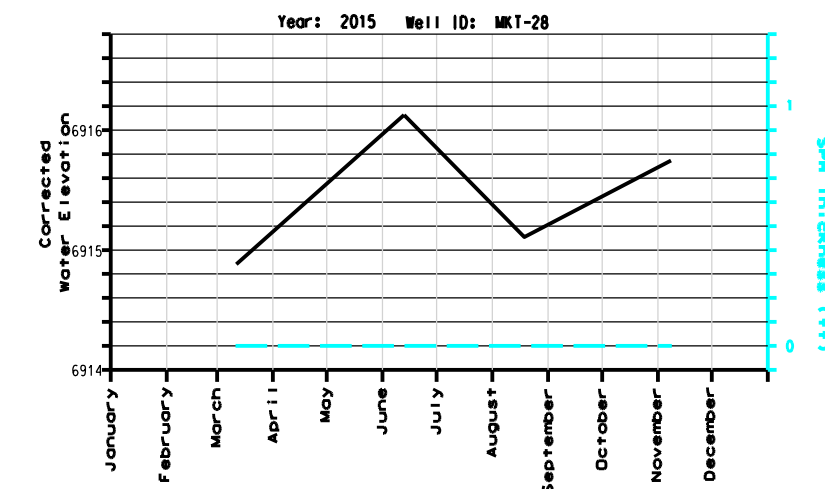
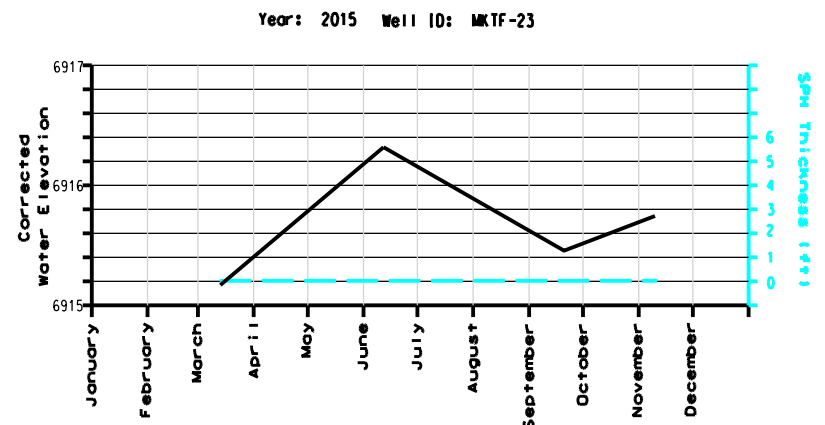
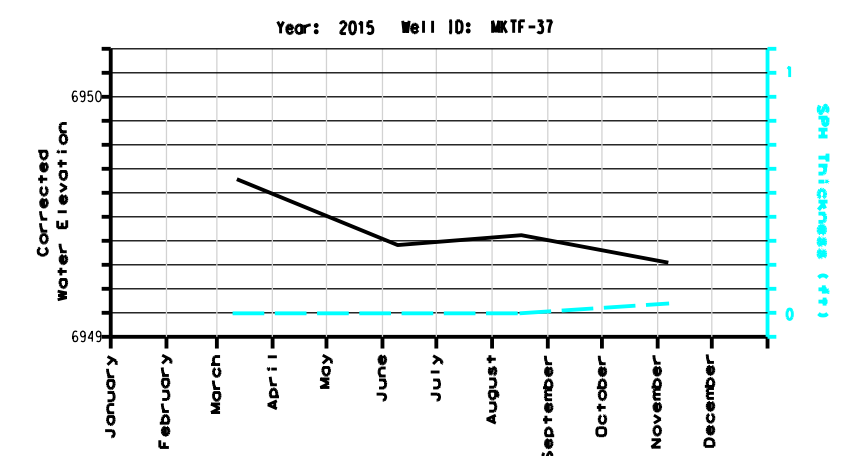
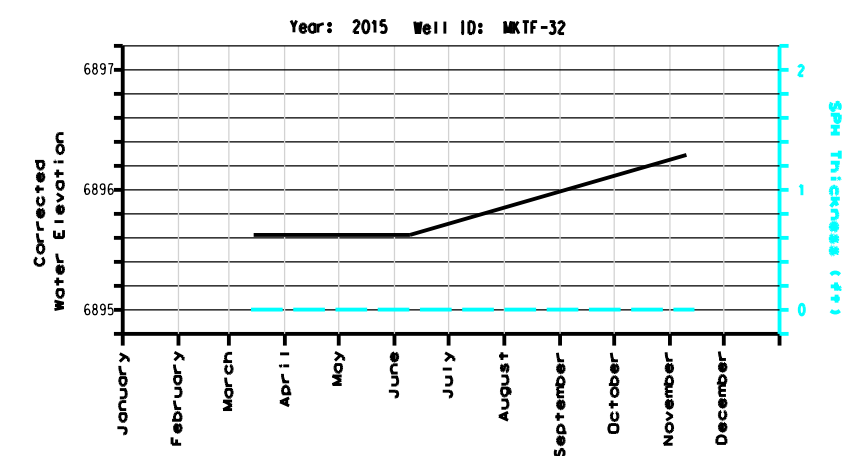
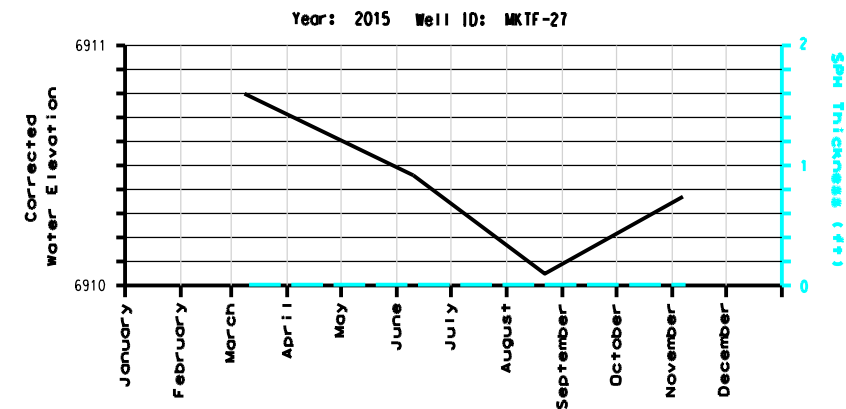
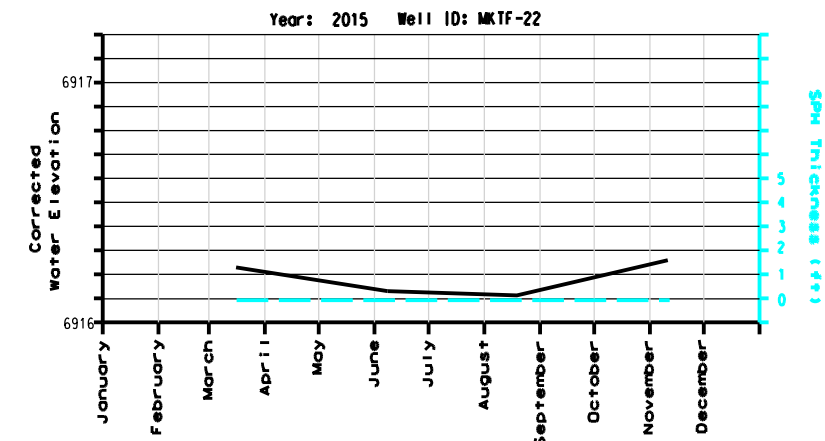
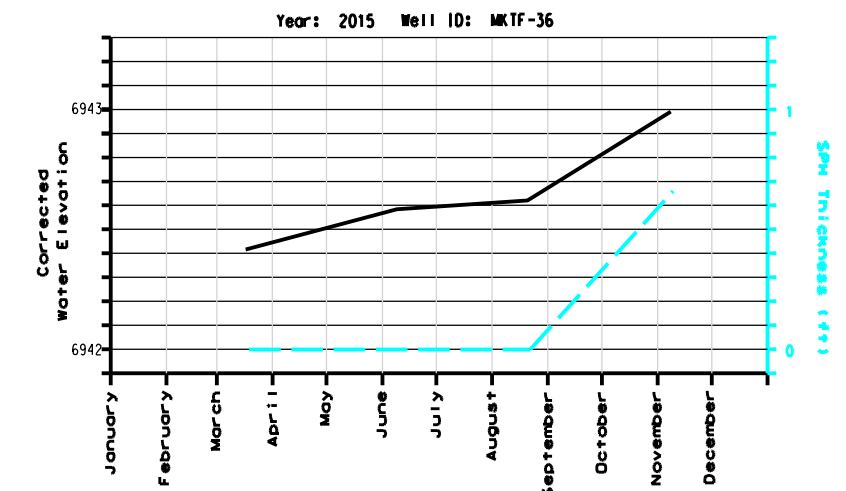
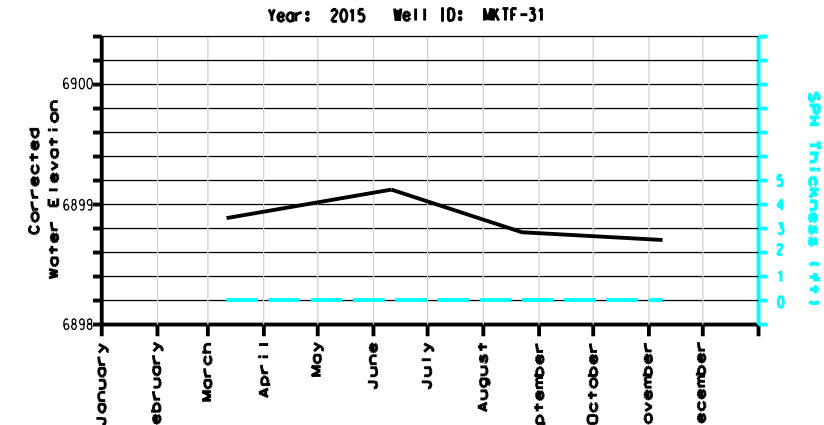
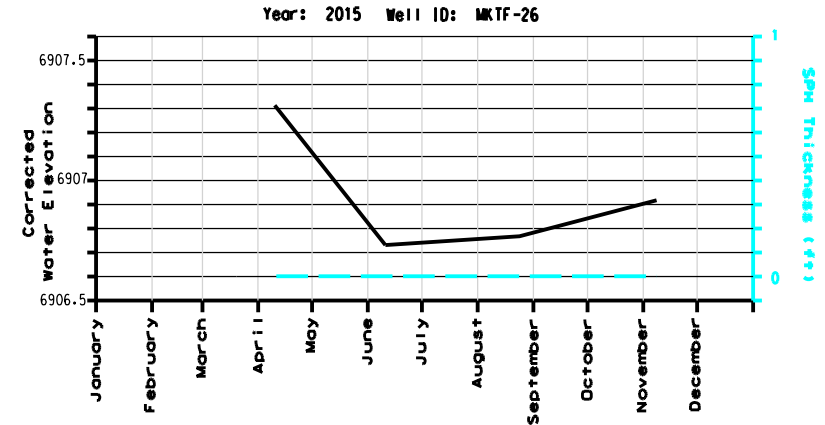
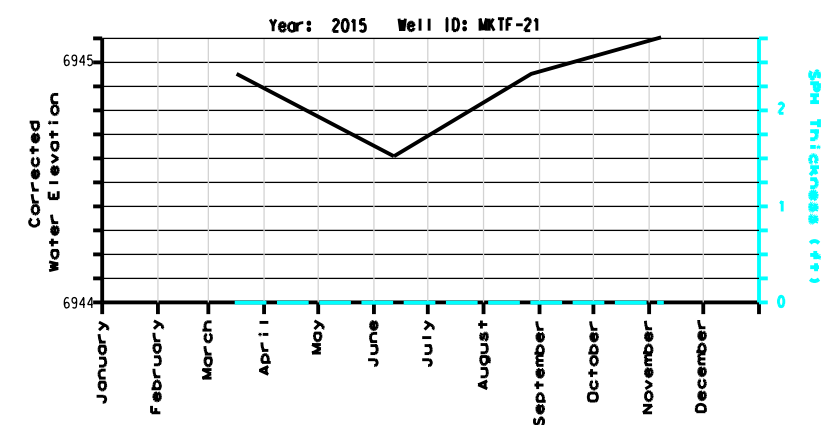


Figure 11.2

GROUNDWATER ELEVATION VS TIME - 2015
WESTERN REFINING - GALLUP REFINERY

psi
 4601 Ripley
 El Paso, Texas
 79922
 915-584-1317

NTS
 Project #: 06251104

Western Refining - Gallup Refinery
 92 Giant Crossing Road
 Gallup, New Mexico 87301
 Date: August 1, 2016

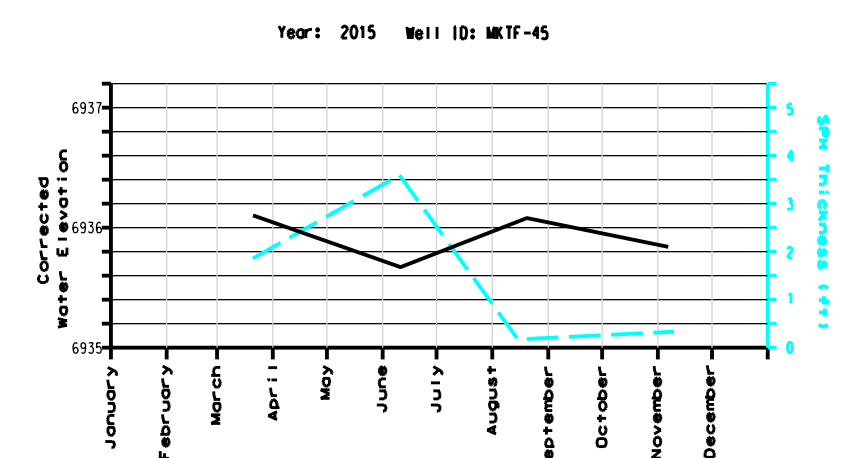
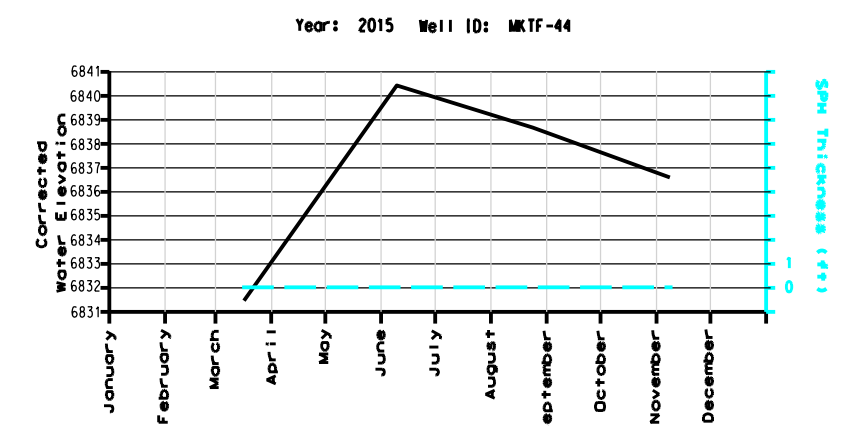
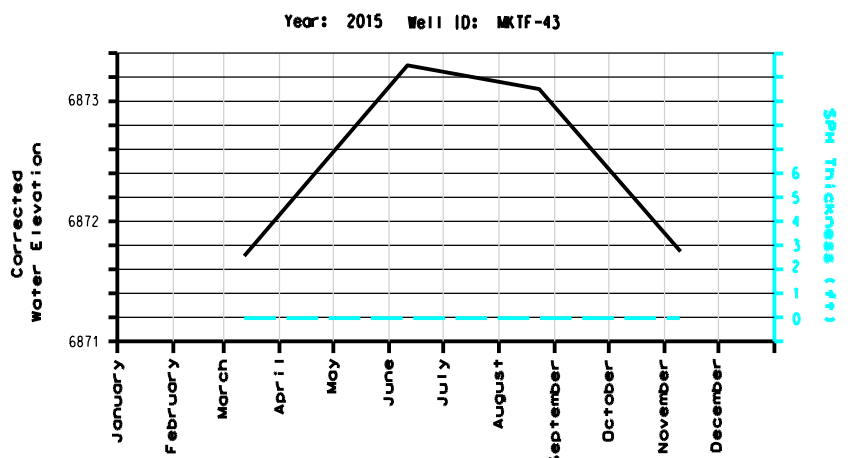
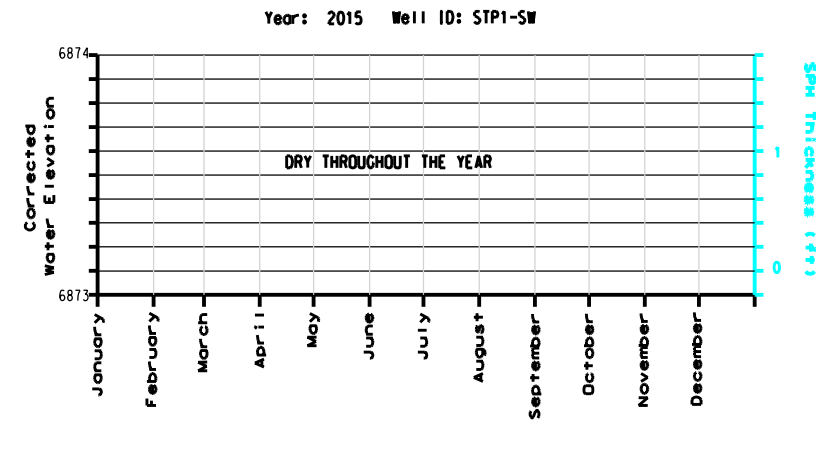
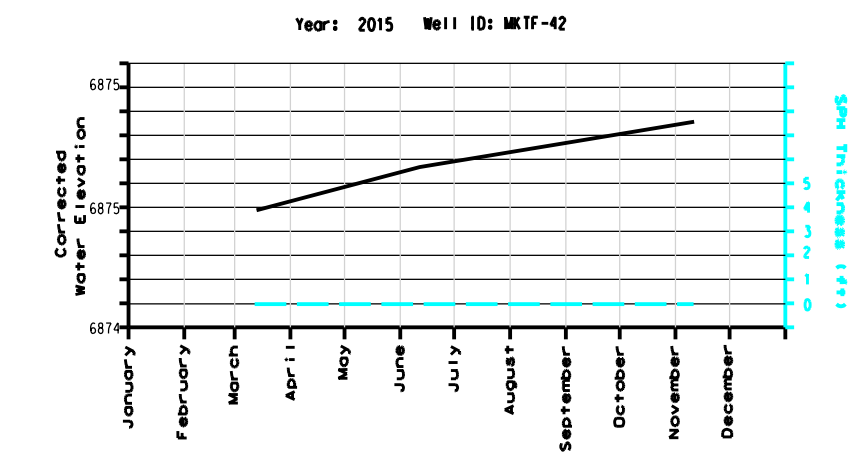
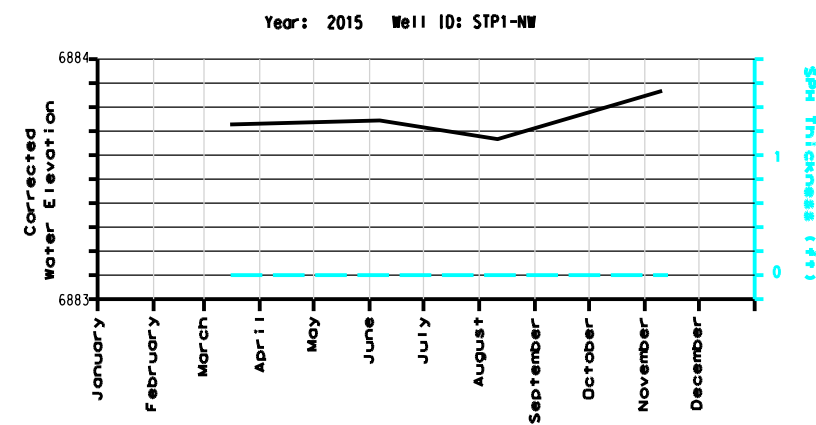
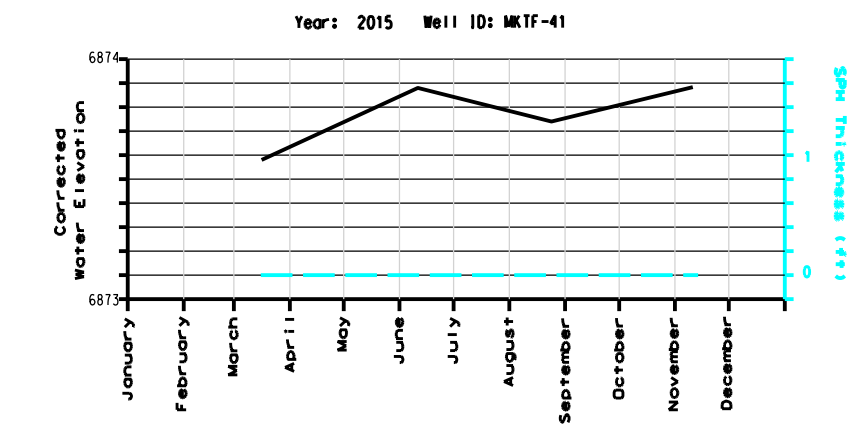
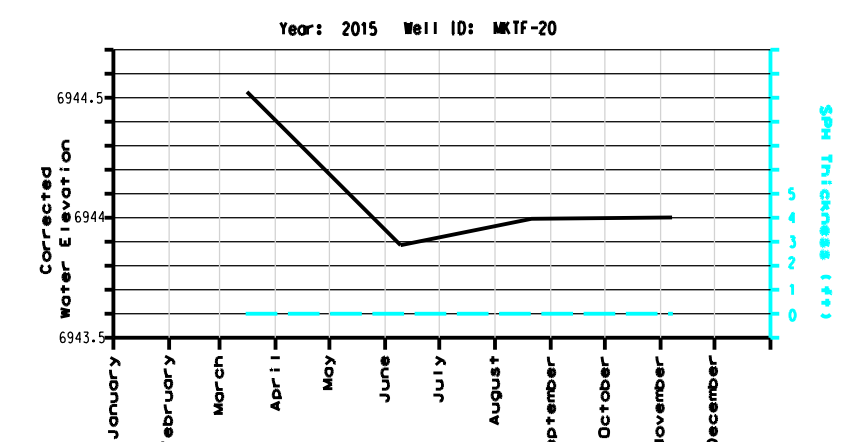
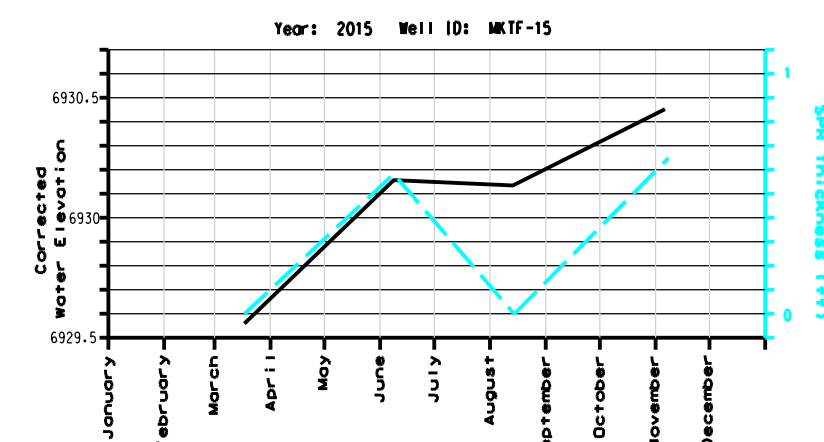
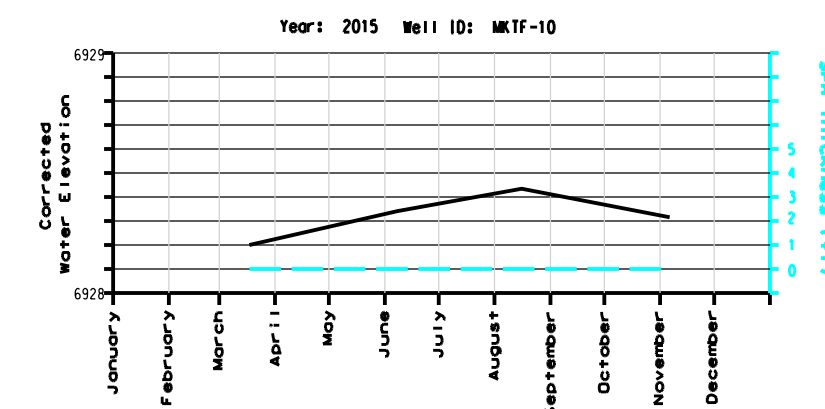
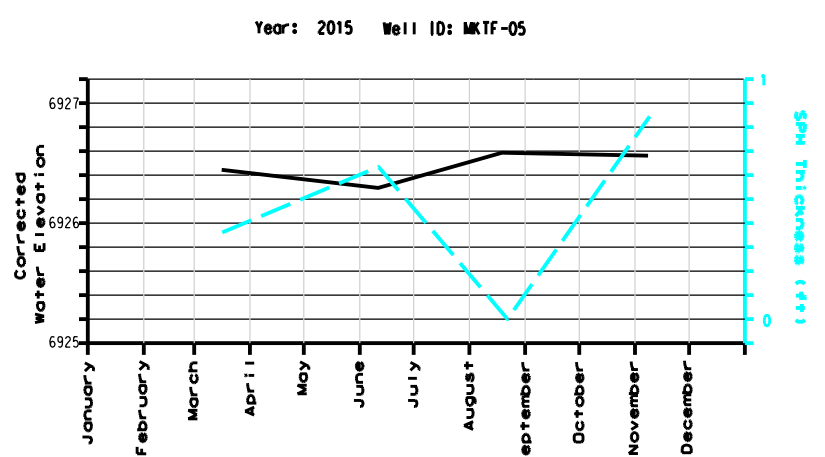
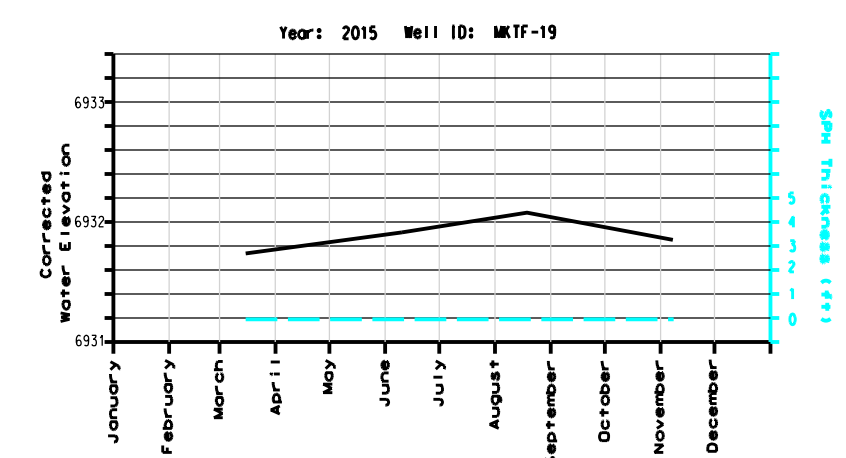
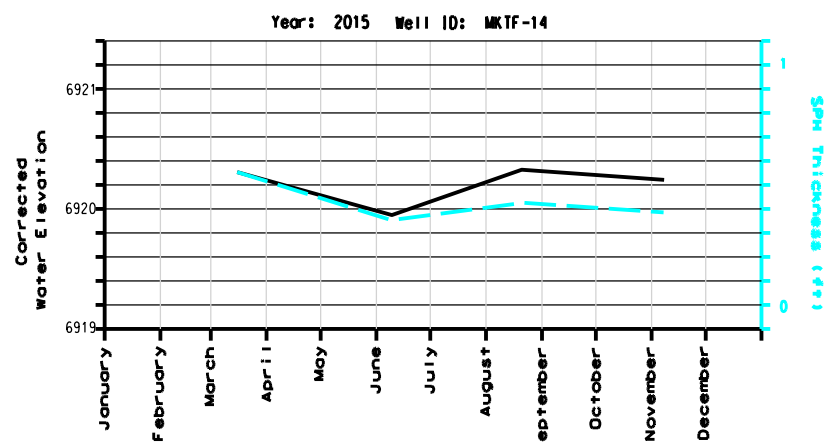
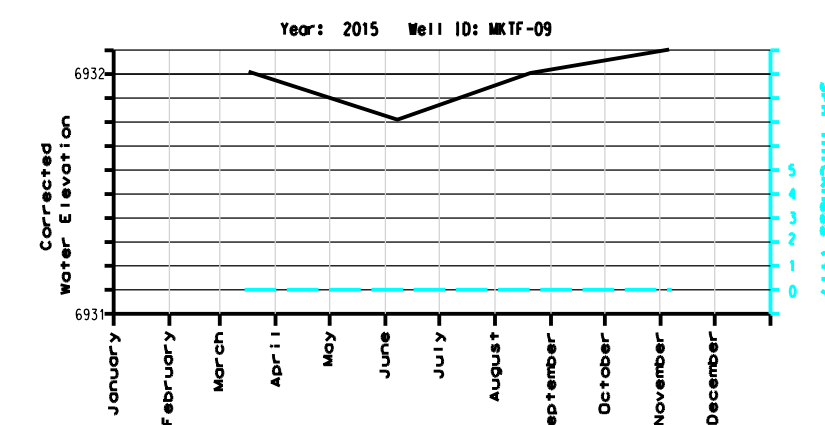
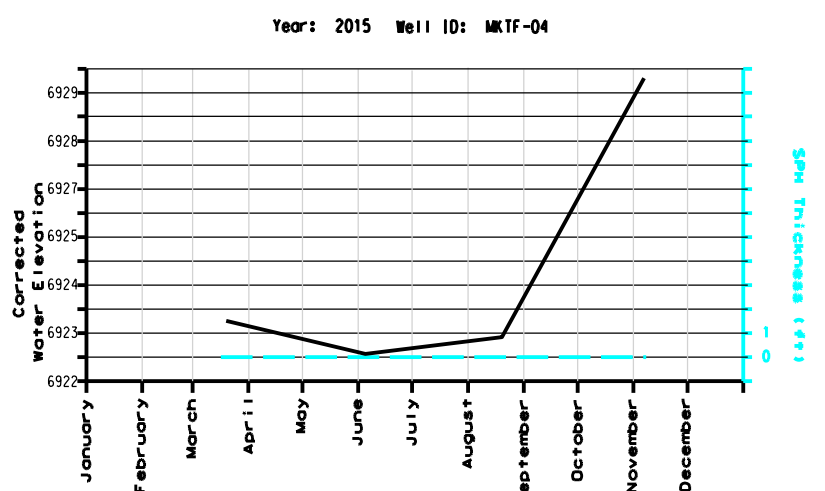
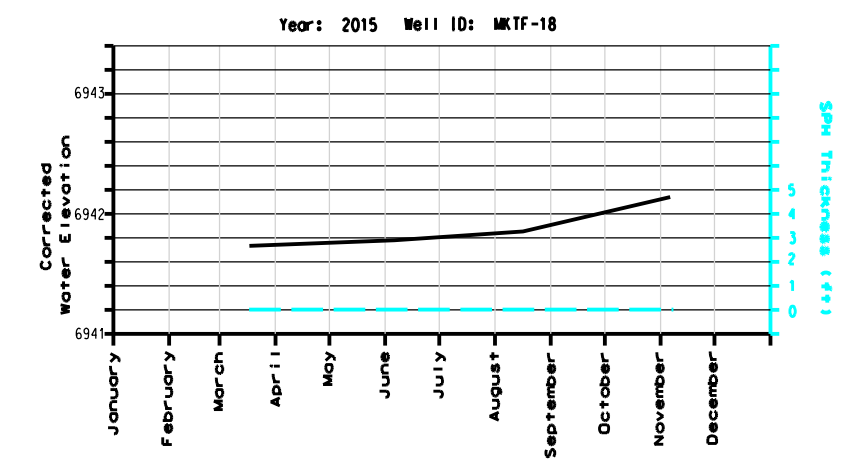
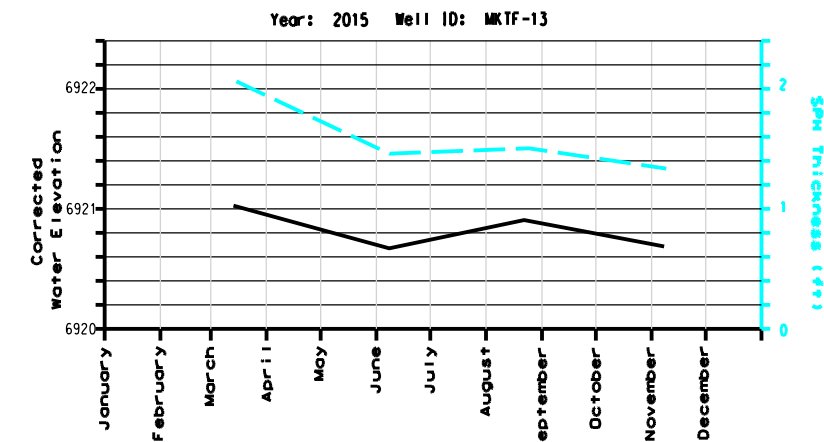
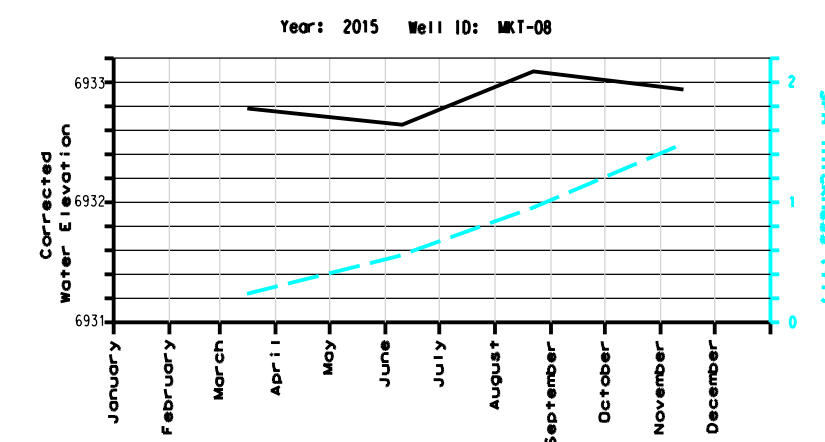
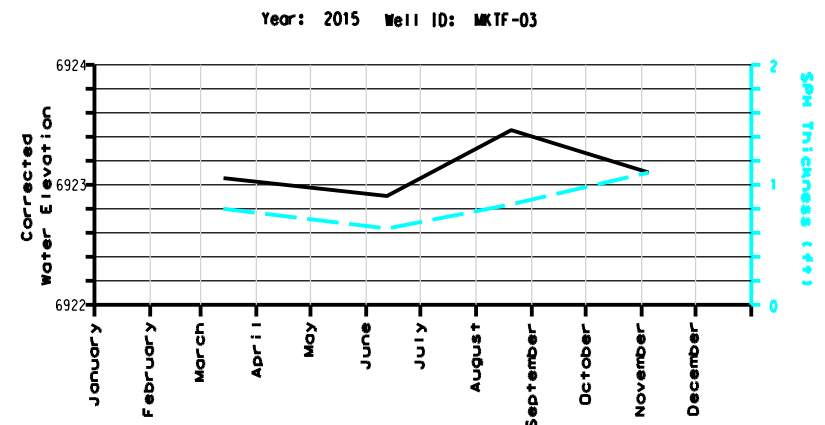
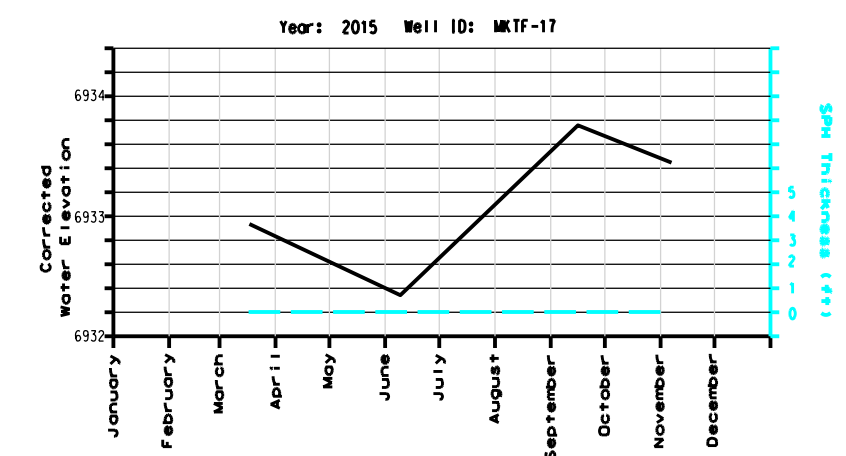
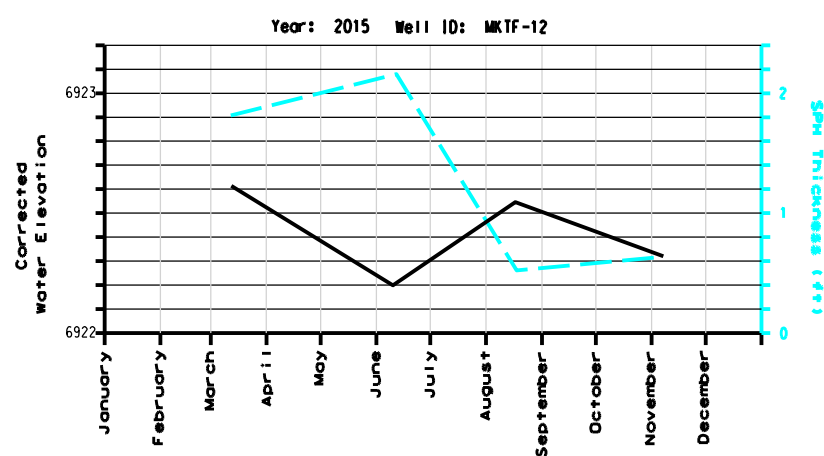
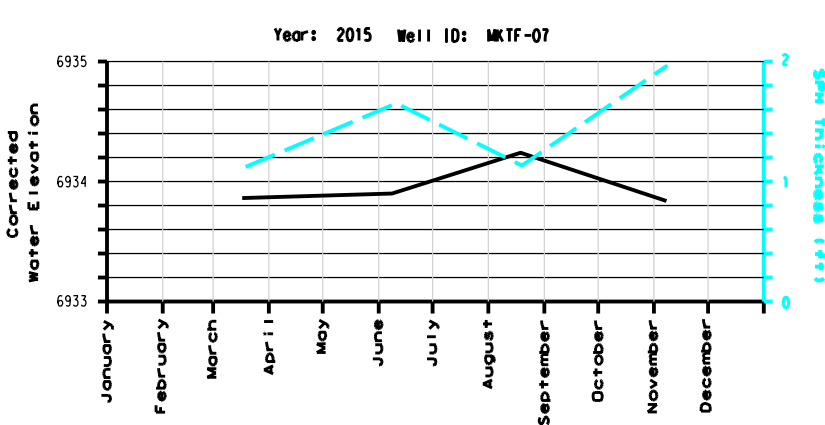
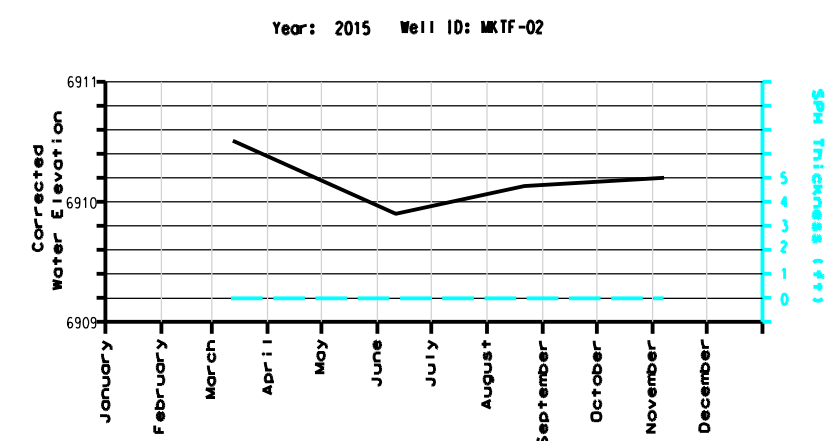
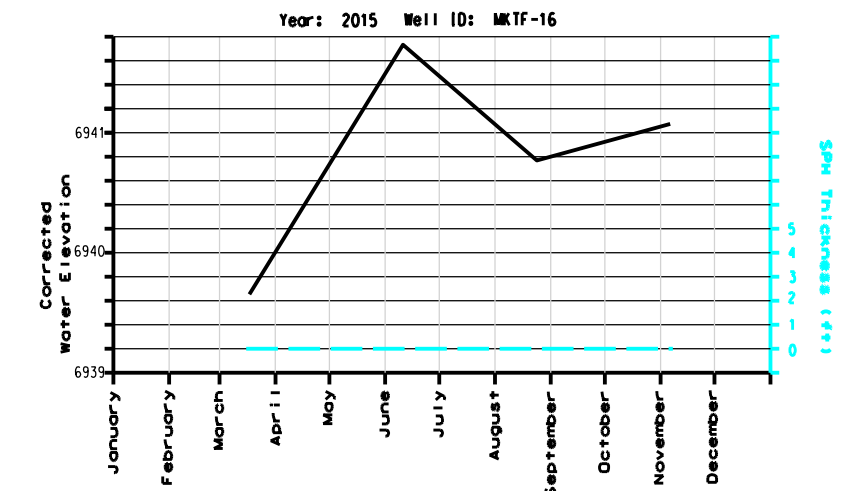
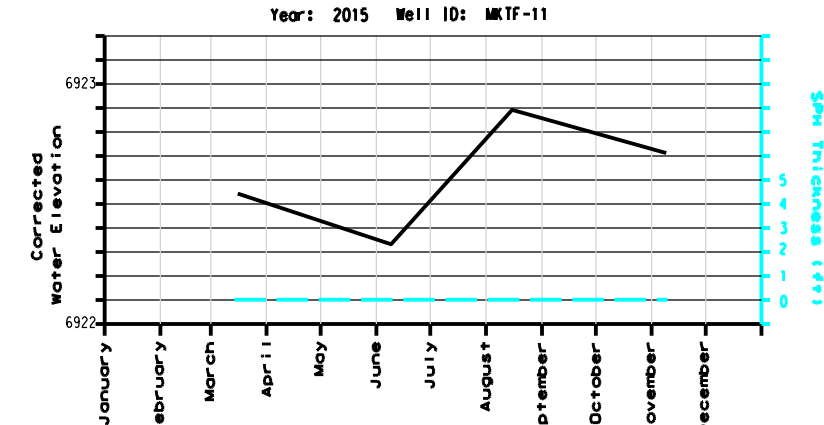
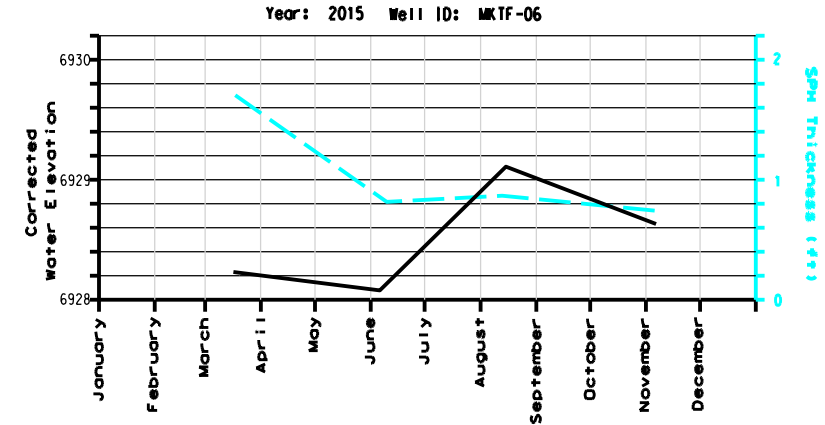
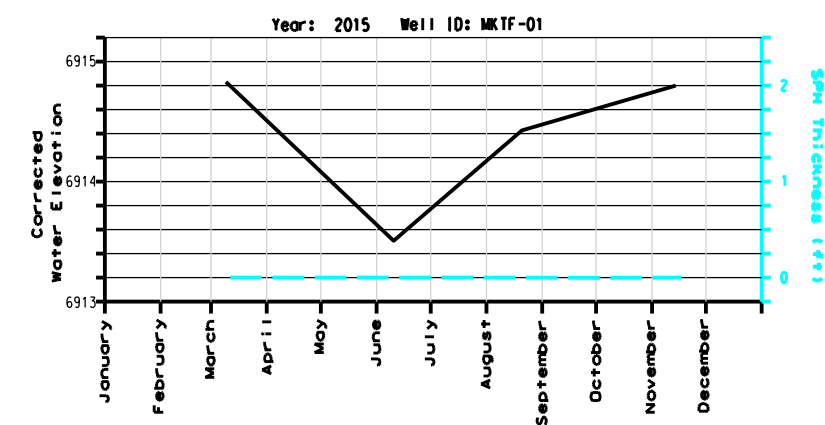


Figure 11.3
GROUNDWATER ELEVATION VS TIME - 2015
WESTERN REFINING - GALLUP REFINERY



psi
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El Paso, Texas
79922
915-584-1317

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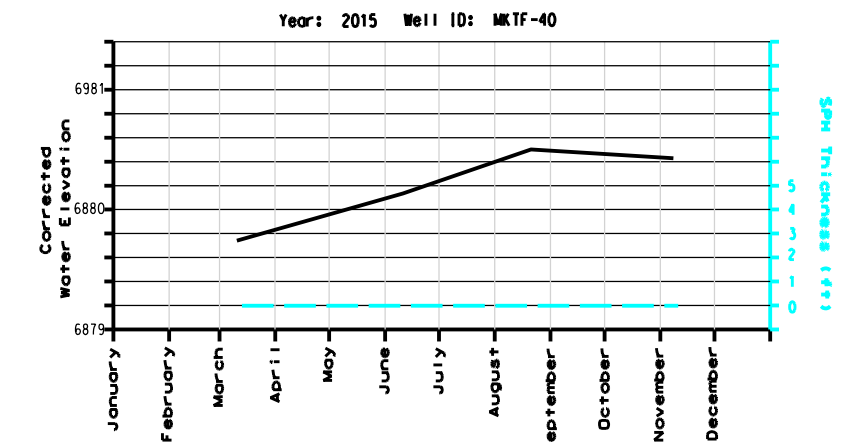
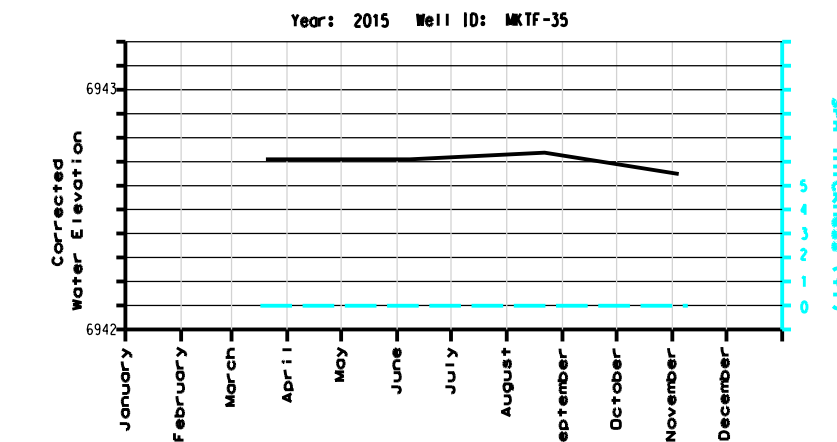
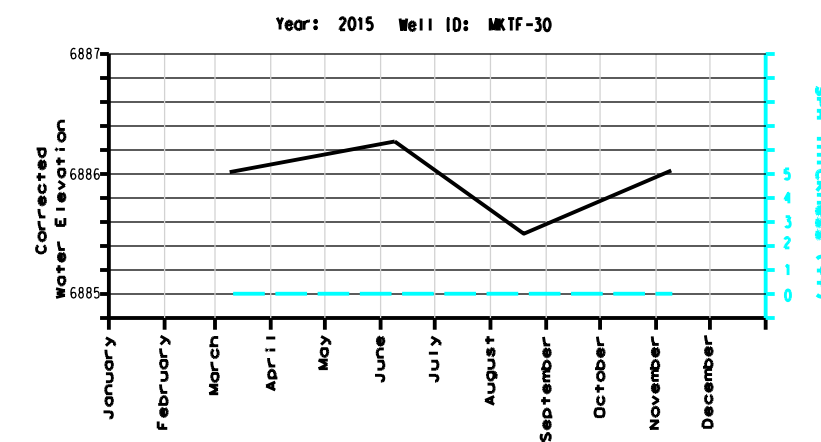
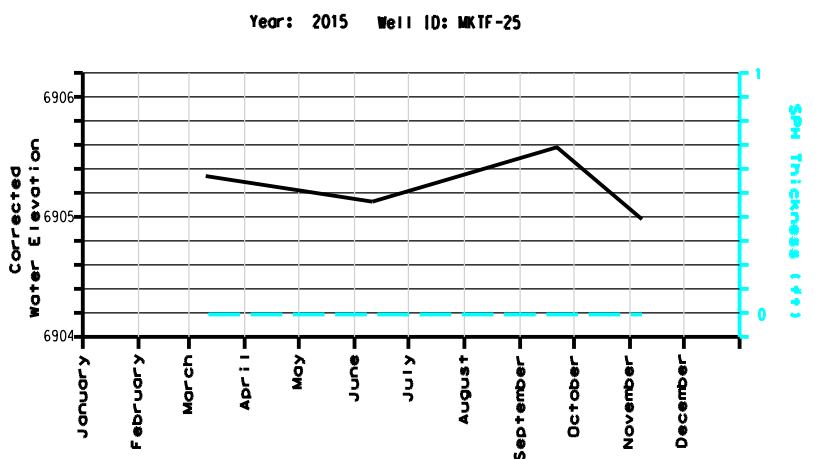
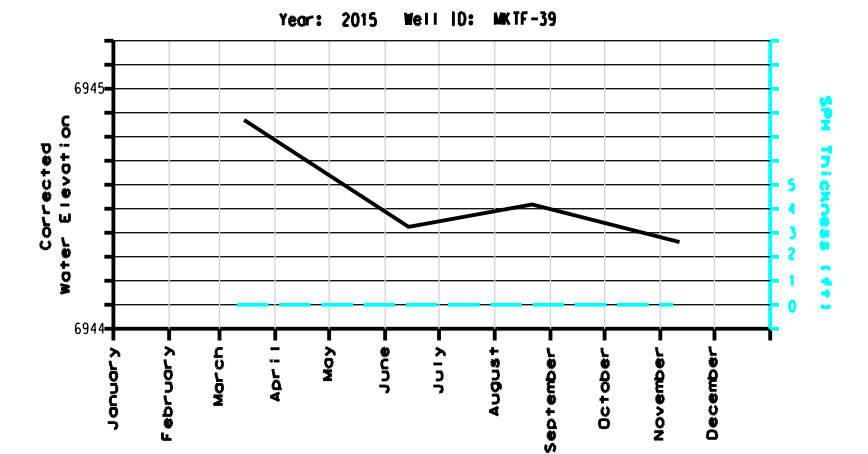
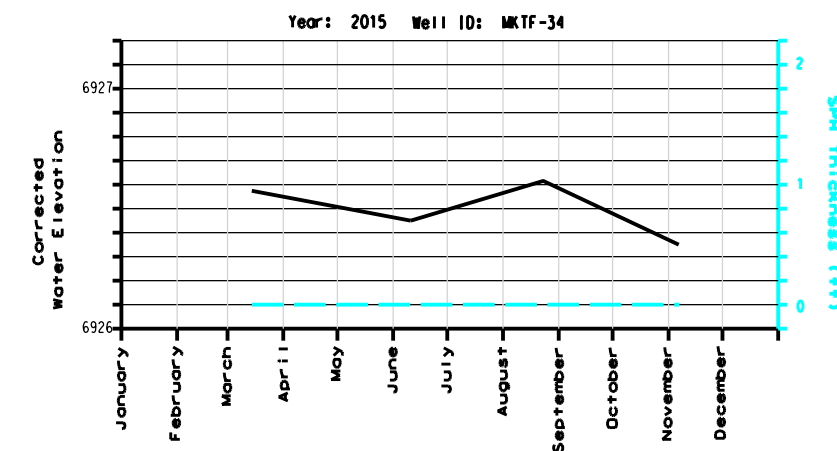
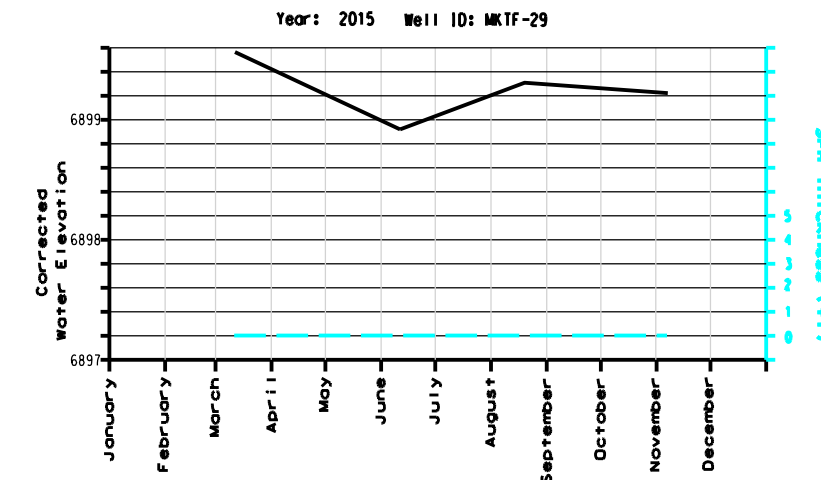
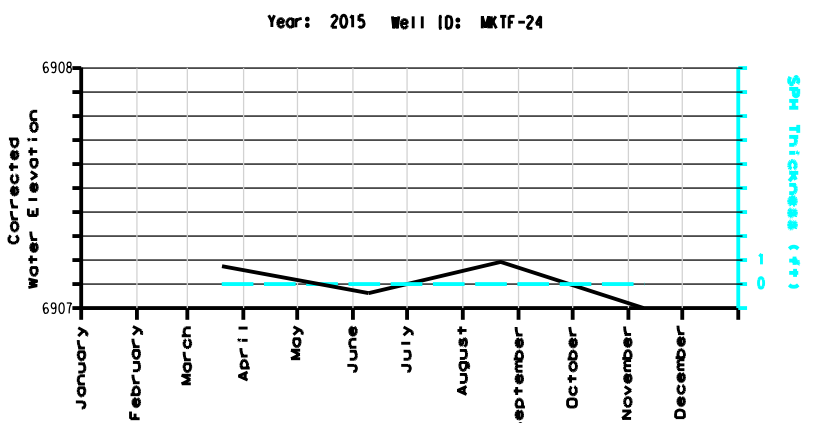
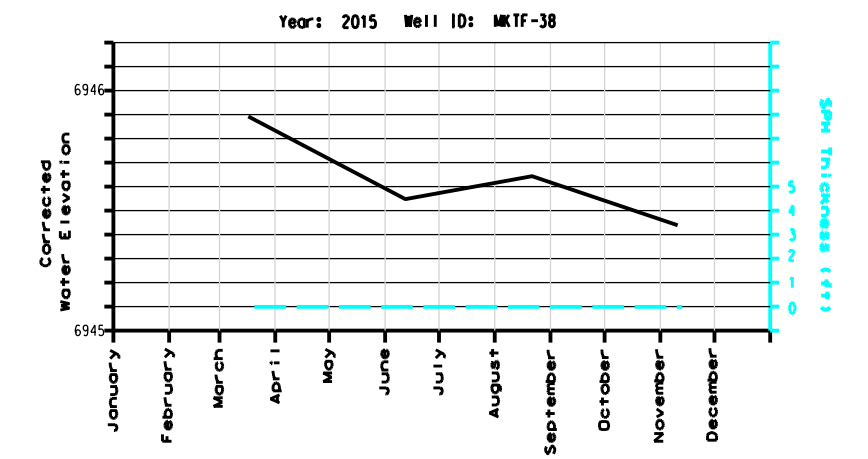
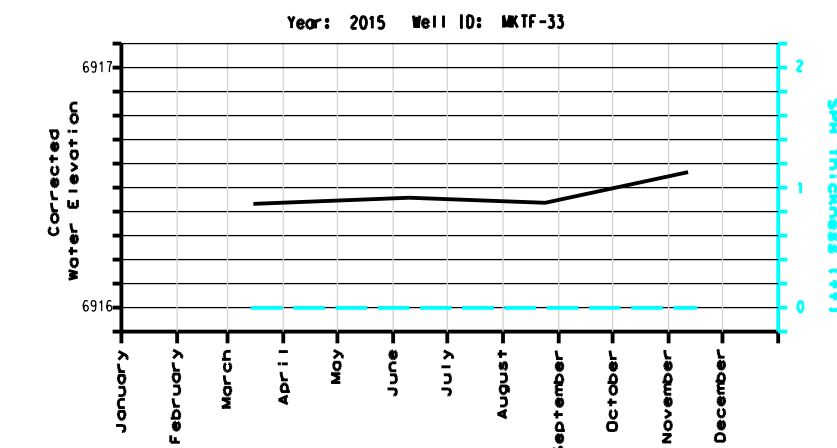
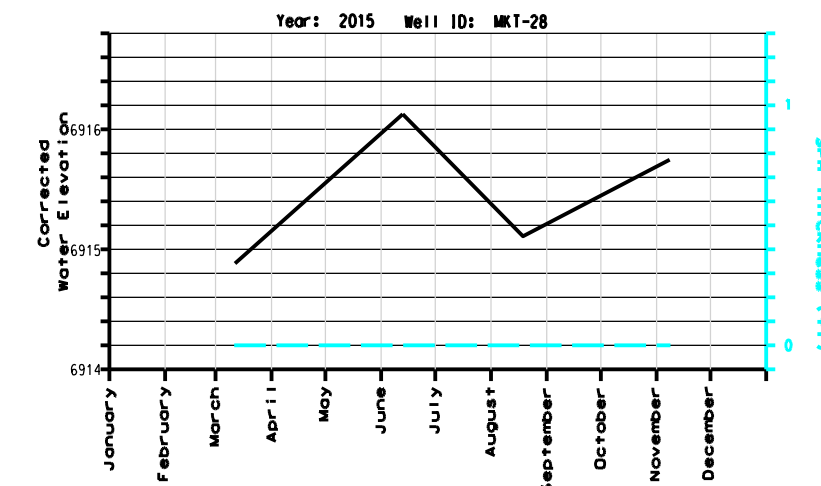
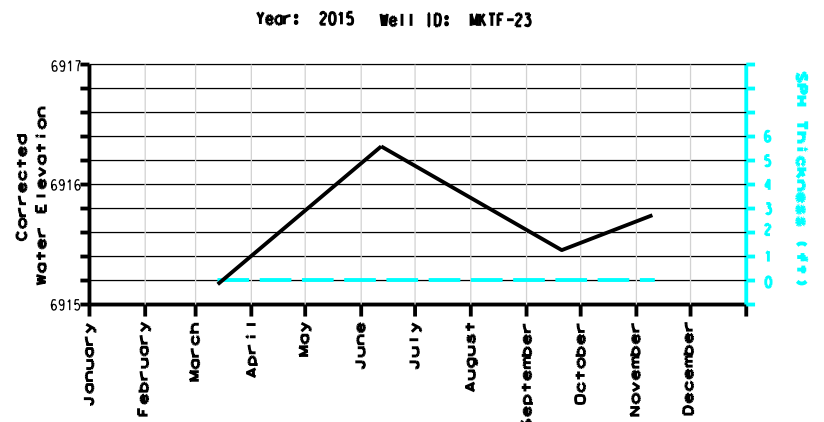
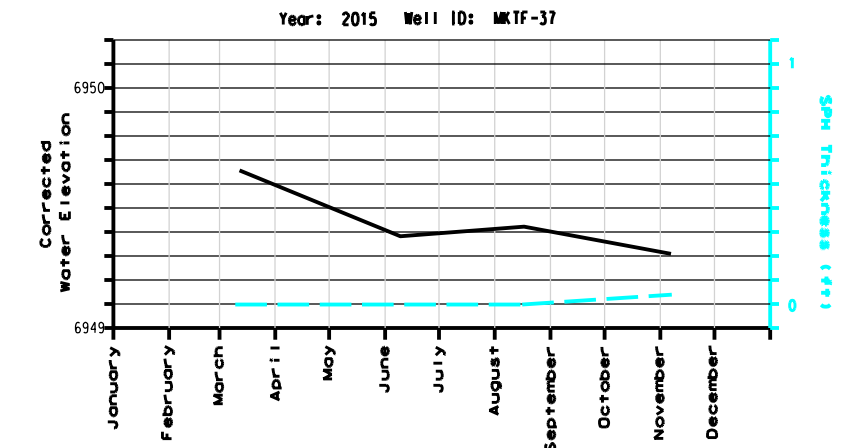
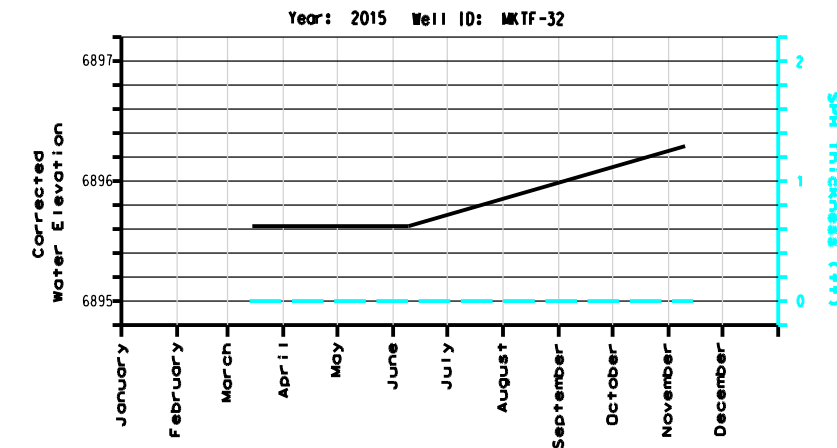
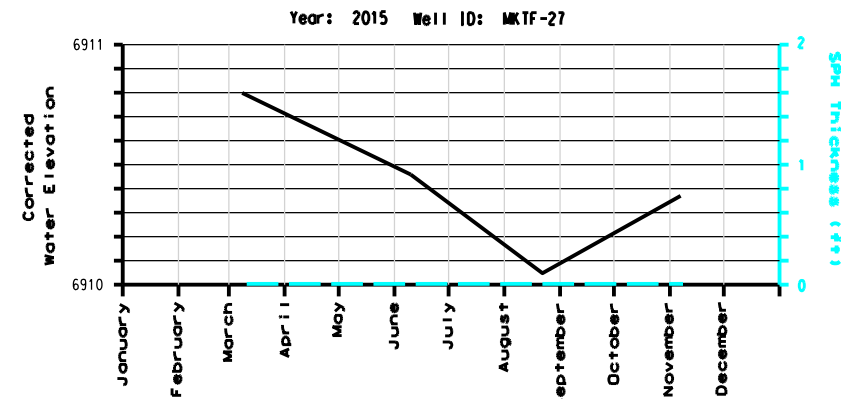
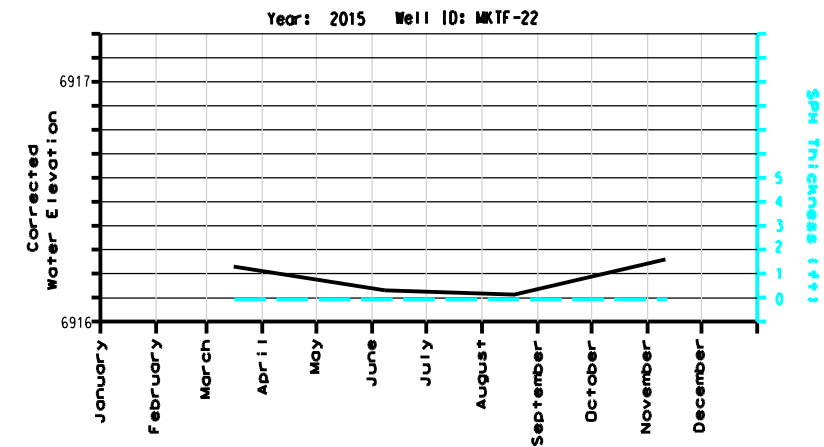
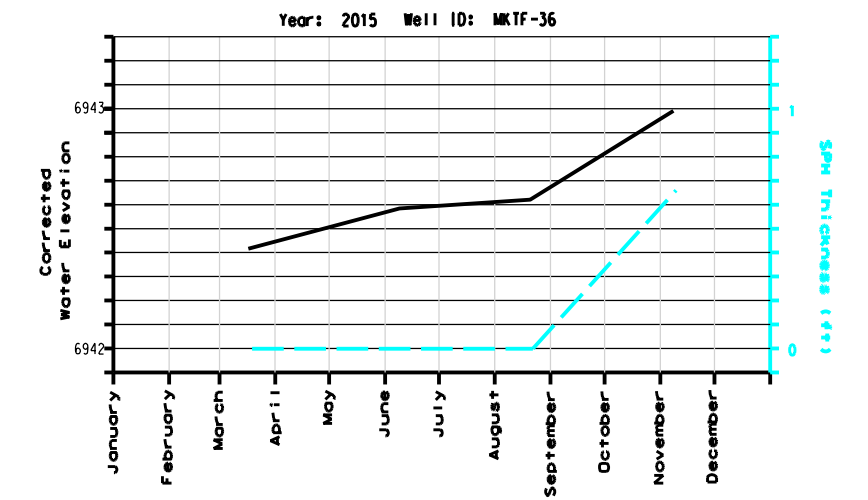
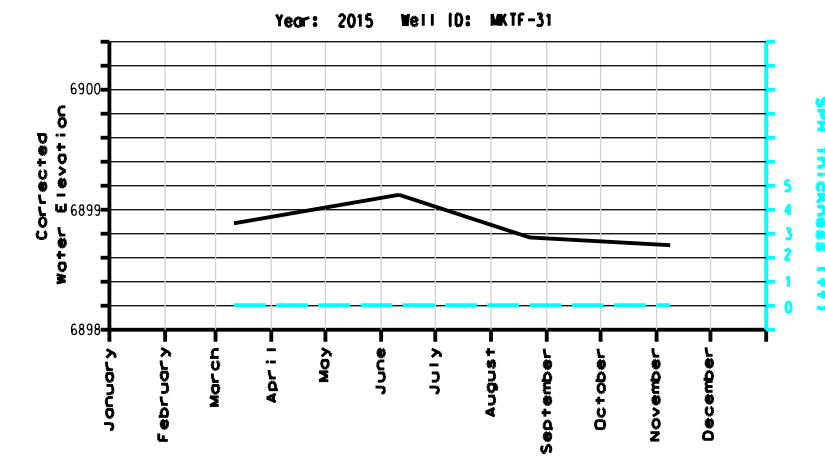
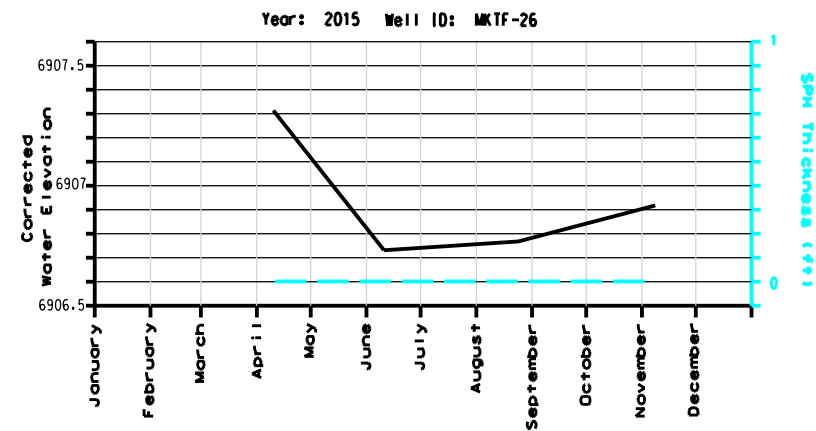
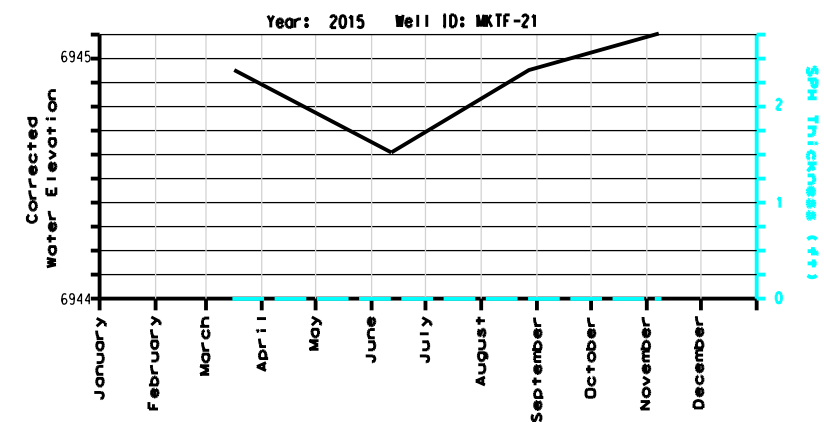
Project #: 06251104

Figure 11A

GROUNDWATER ELEVATION VS TIME - 2015

WESTERN REFINING - GALLUP REFINERY

Western Refining - Gallup Refinery
92 Giant Crossing Road
Gallup, New Mexico 87301
Date: July 29, 2016



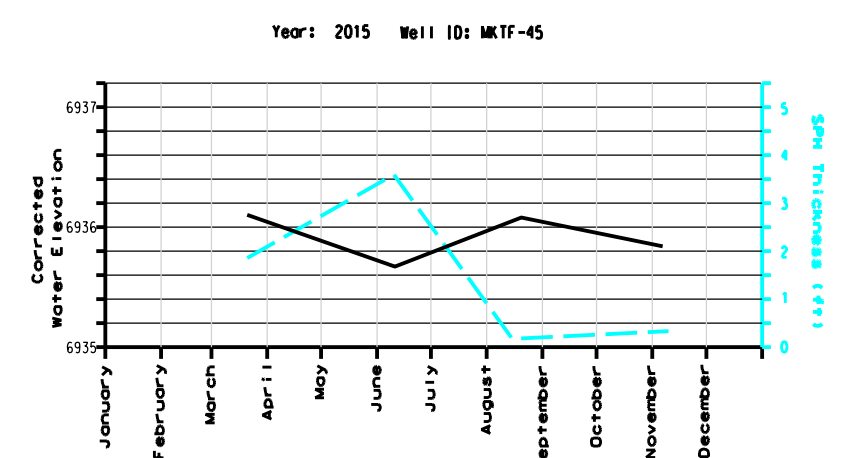
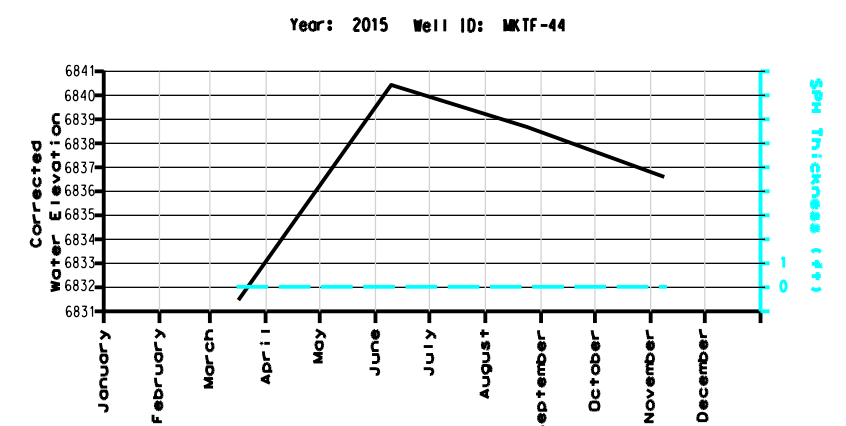
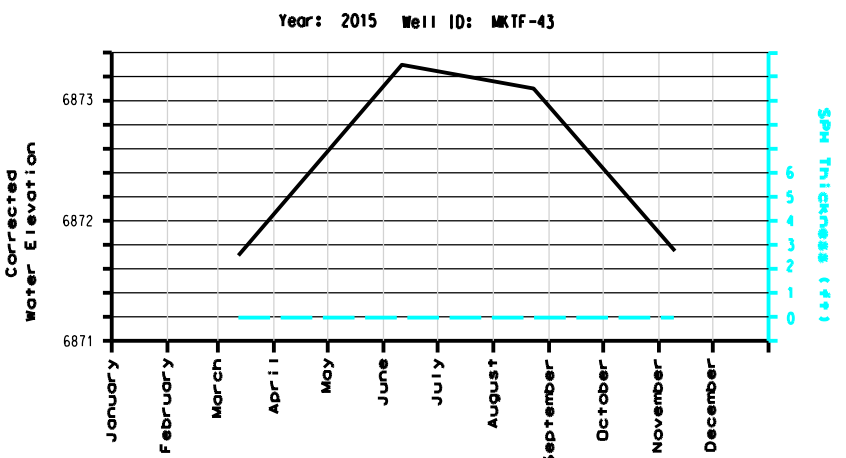
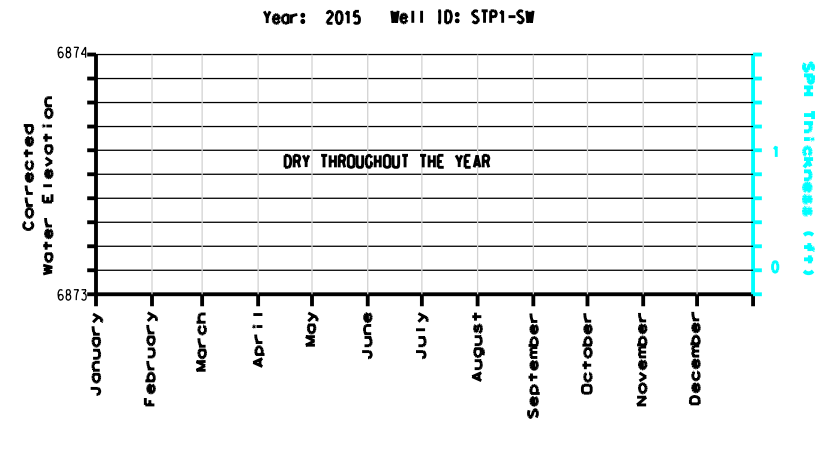
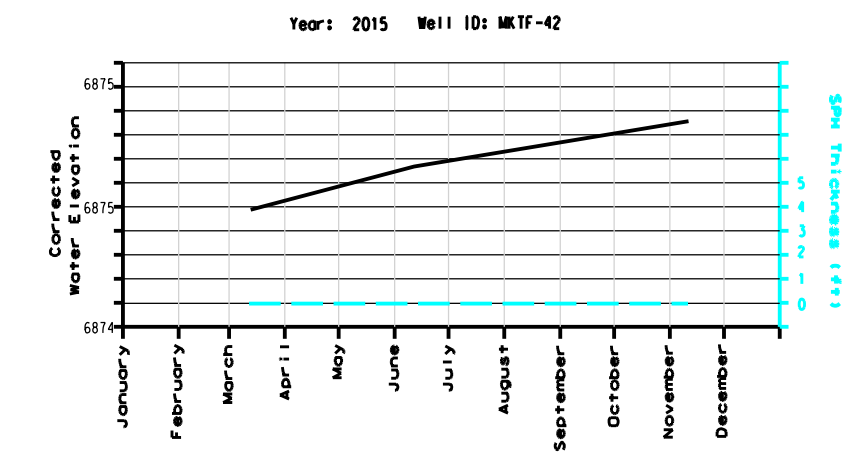
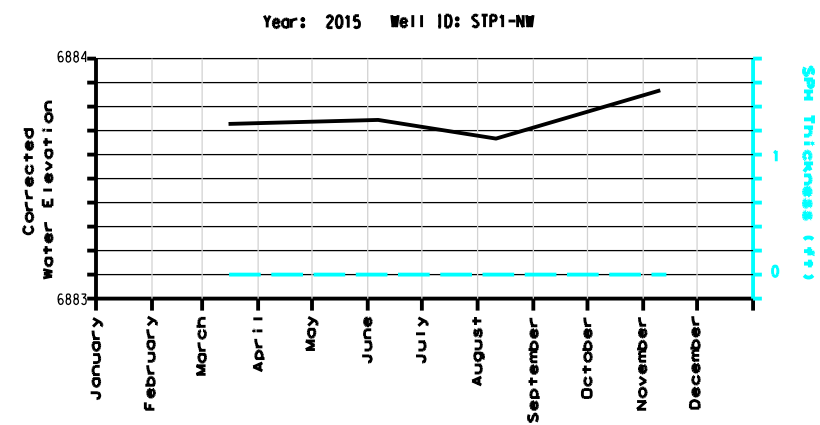
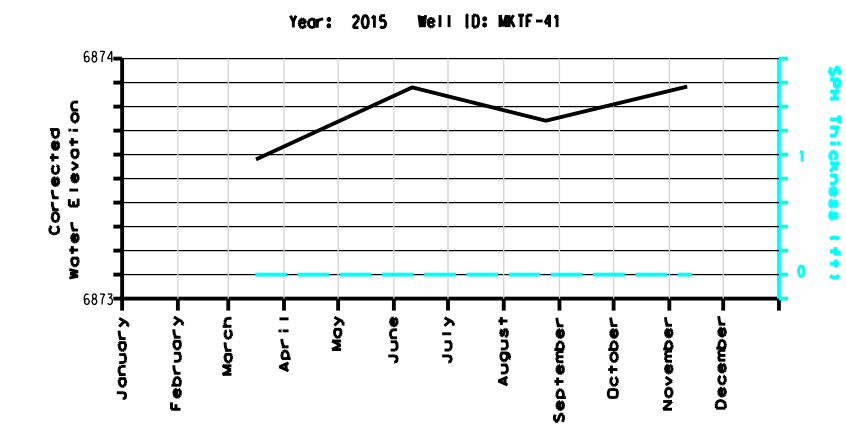


Figure 11C

GROUNDWATER ELEVATION VS TIME - 2015
WESTERN REFINING - GALLUP REFINERY

psi
 4601 Ripley
 El Paso, Texas
 79922
 915-584-1317

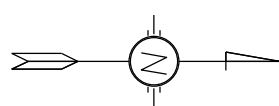
NTS

Project #: 06251104

Western Refining - Gallup Refinery
 92 Giant Crossing Road
 Gallup, New Mexico 87301
 Date: August 1, 2016



4601 Ripley
El Paso, Texas
79922
915-584-1317

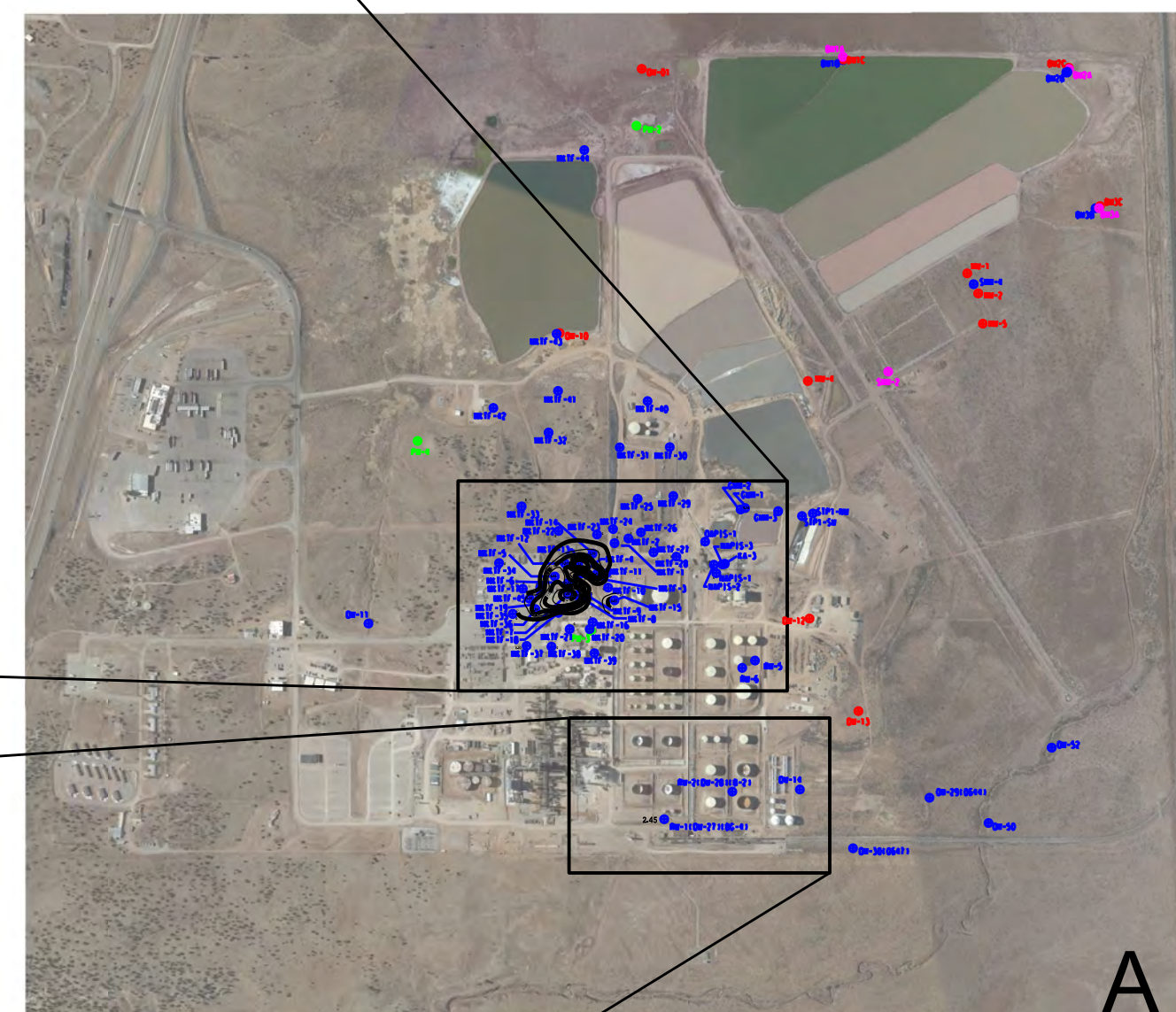
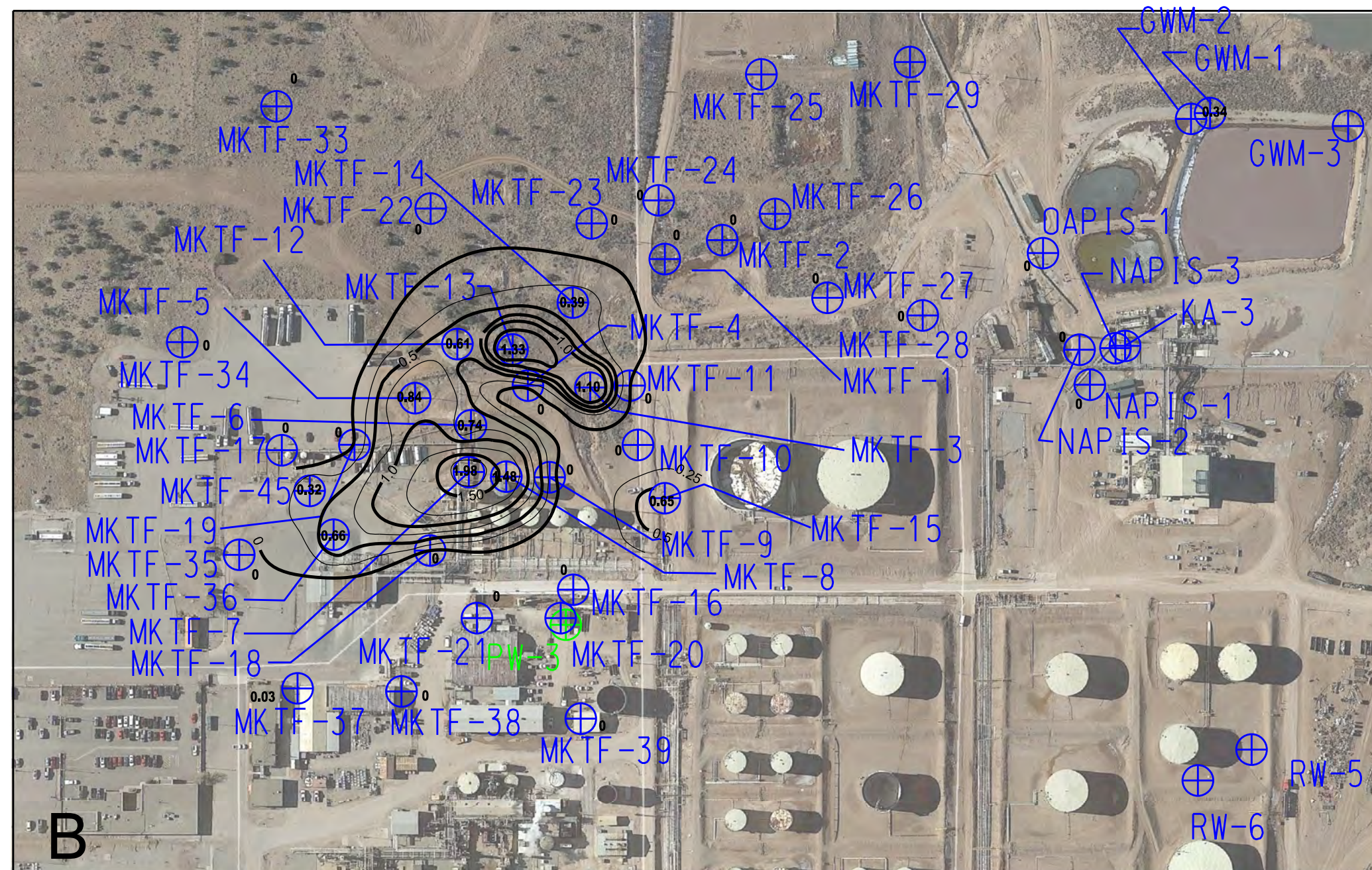


1"=500'

Project #: 06251104

Figure 12
Alluvial/Fluvial Upper Sand Water 2015
WESTERN REFINING - GALLUP REFINERY

Western Refining - Gallup Refinery
92 Giant Crossing Road
Gallup, New Mexico 87301
Date: August 5, 2016



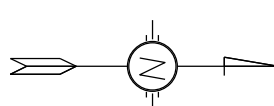
SPH Contour Thickness (in feet)

Contour Interval: 0.25'

Scale: Image A - Not to scale
Image B - 1" = 200'
Image C - 1" = 200'



4601 Ripley
El Paso, Texas
79922
915-584-1317



Line is 1 inch long
on original

Project #: 06251104

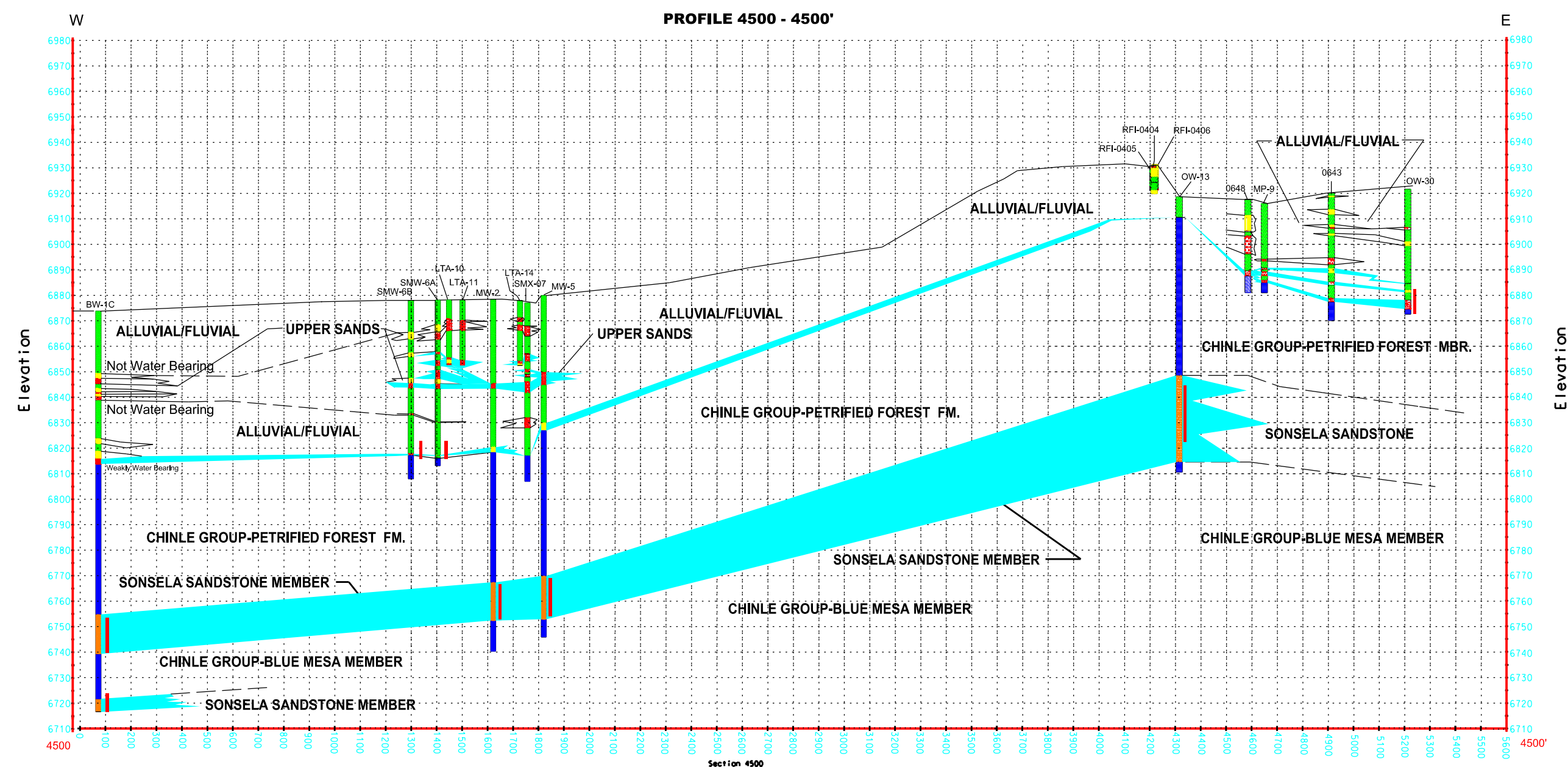
Figure 13
Product Thickness Map (SPH for 11/15)
WESTERN REFINING - GALLUP REFINERY

Western Refining - Gallup Refinery
92 Giant Crossing Road
Gallup, New Mexico 87301
Date: August 8, 2016

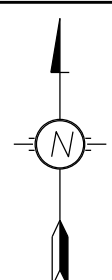


LEGEND

- CLAY
- SANDY CLAY OR CLAYEY SAND
- SAND
- SILT
- SHALE (CHINLE FORMATION)
- SANDSTONE (CHINLE FORMATION)
- PROFILE LINE
- WATER BEARING ZONE
- SCREENED INTERVAL



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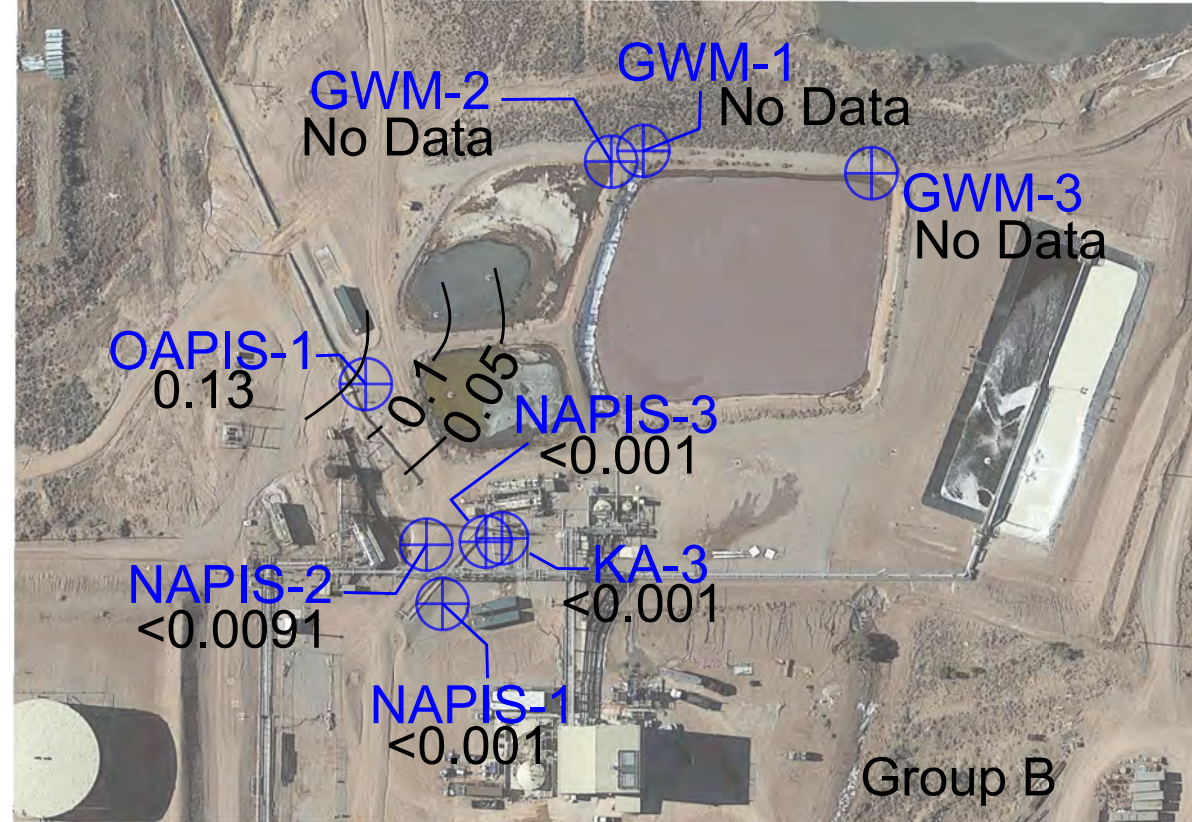
Project #: 06251104

Figure 14
TYPICAL WEST - EAST GEOLOGIC PROFILE
WESTERN REFINING - GALLUP REFINERY

Western Refining - Gallup Refinery
92 Giant Crossing Road
Gallup, New Mexico 87301
Date: August 8, 2016

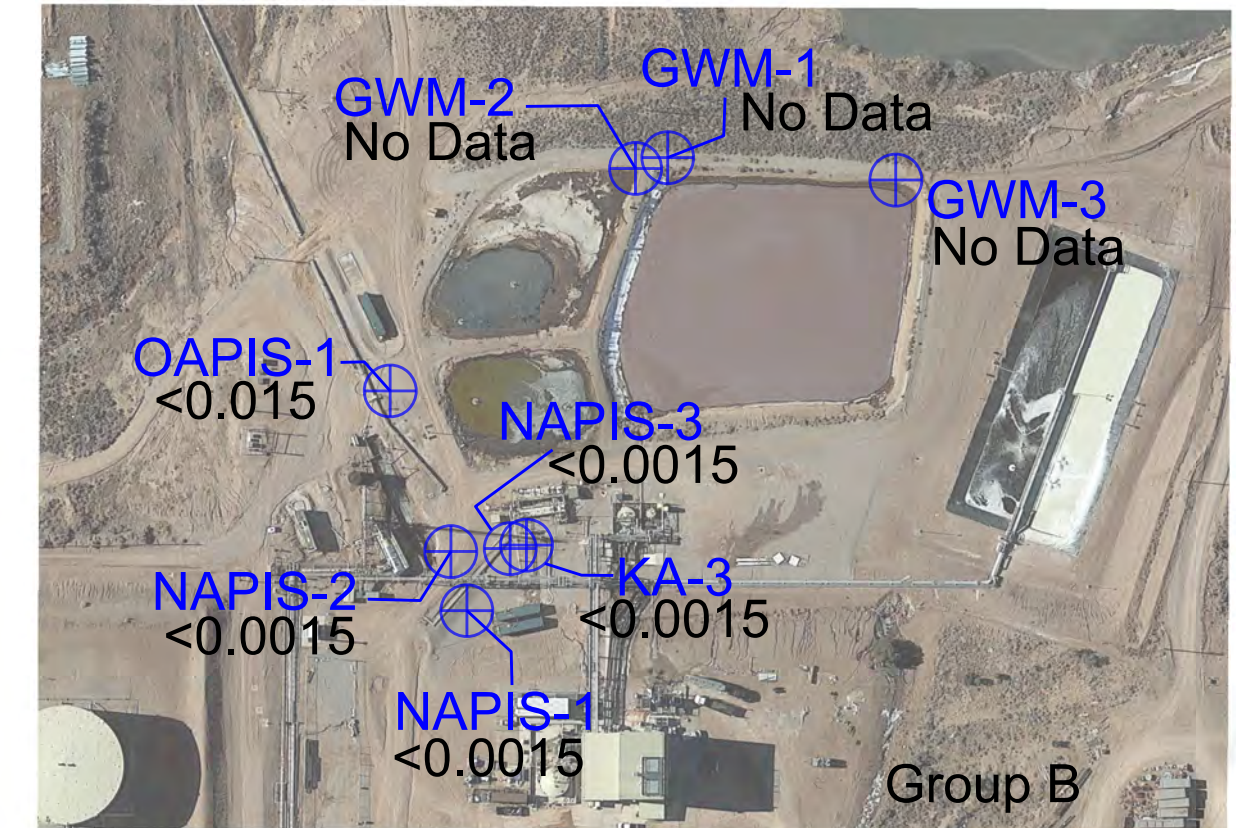
Benzene (October 2015)

Contour Interval = 0.05



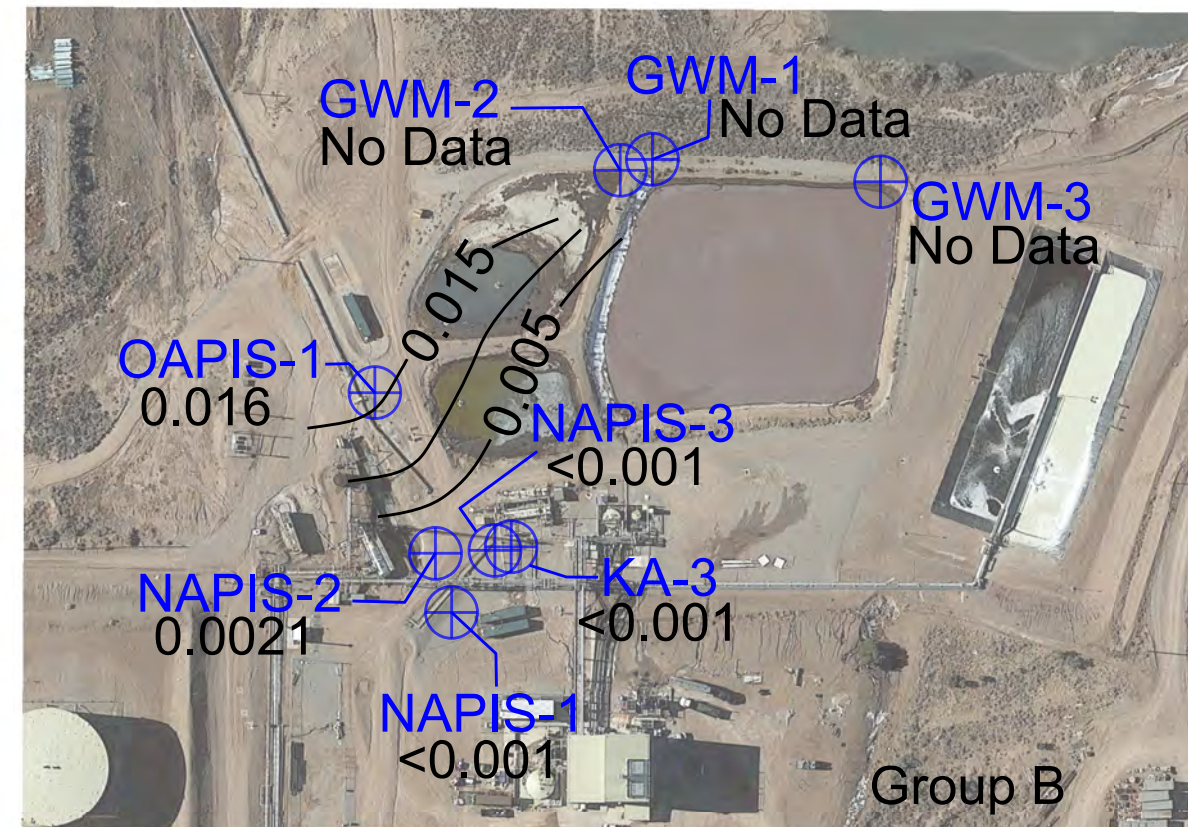
Total Xylenes (October 2015)

Contour Interval = N/A



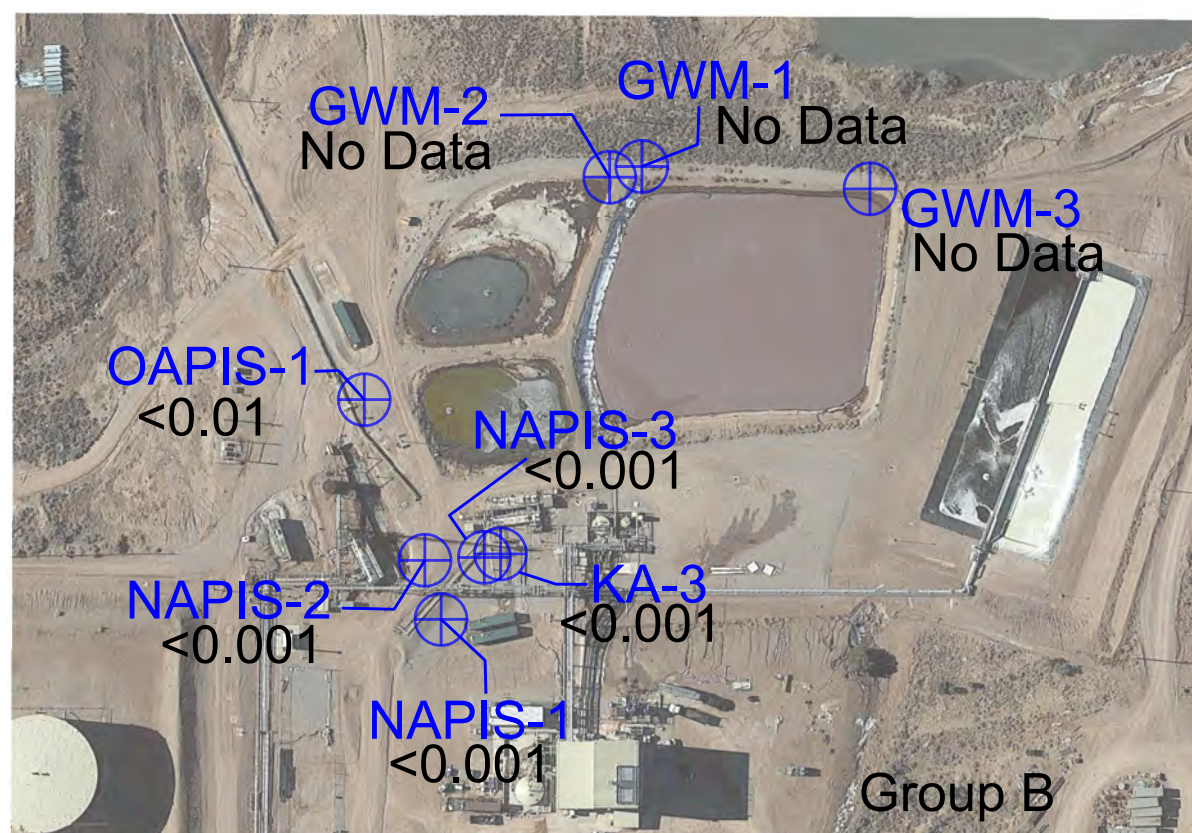
Ethyl Benzene (October 2015)

Contour Interval = 0.005



Toluene (October 2015)

Contour Interval = N/A



MTBE (October 2015)

Contour Interval = 0.05

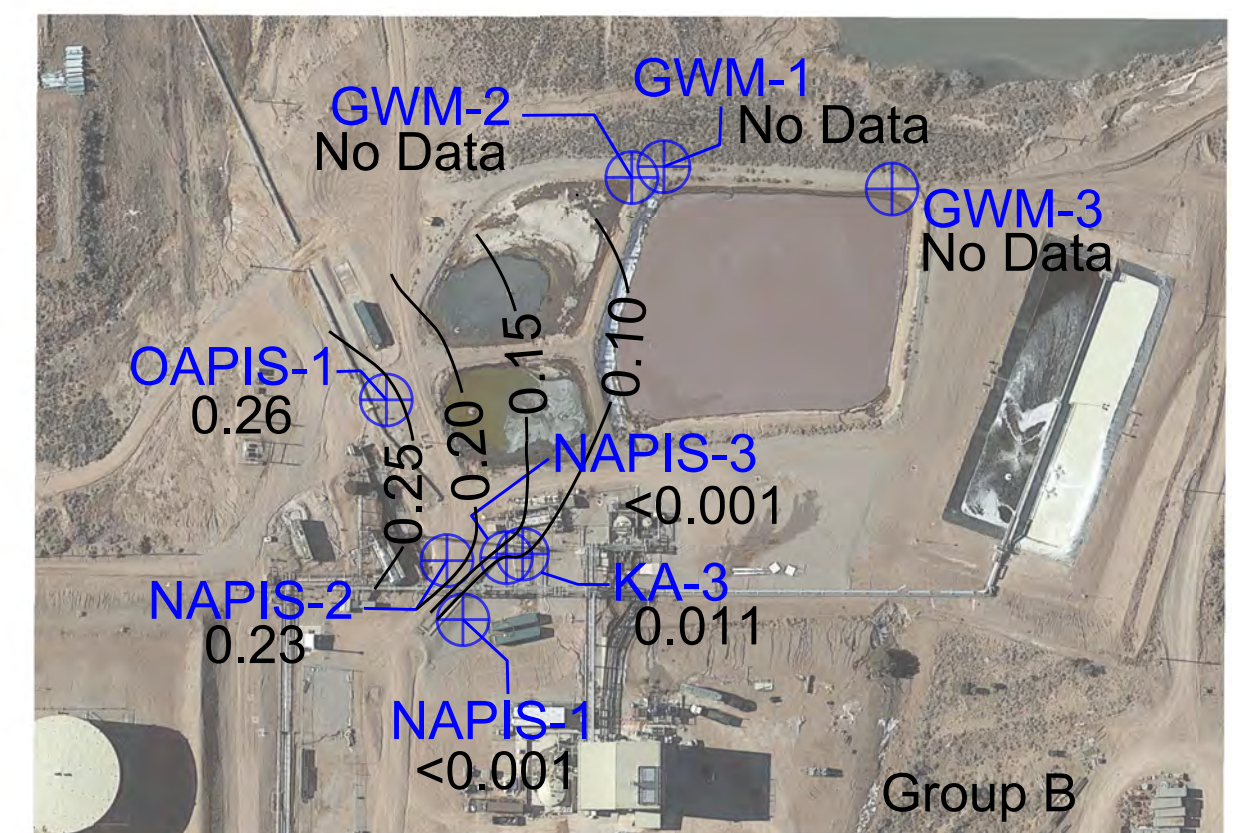
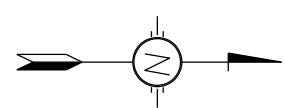


Figure 15

WELL GROUP B CONSTITUENTS - 2015
WESTERN REFINING - GALLUP REFINERY



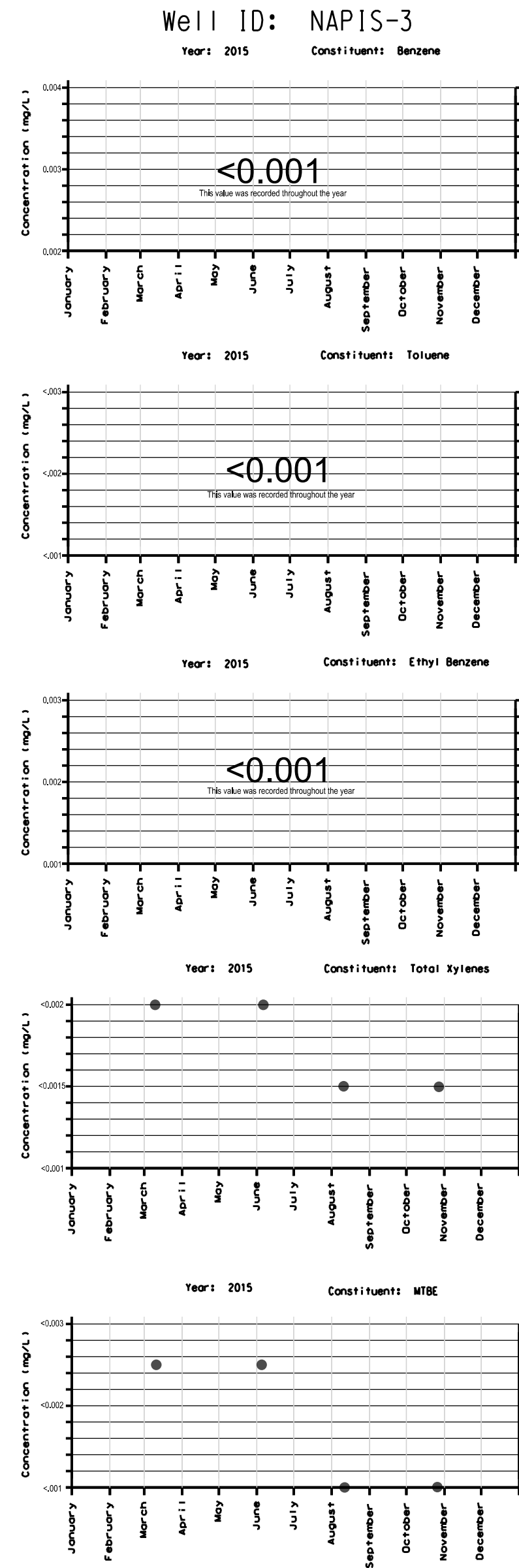
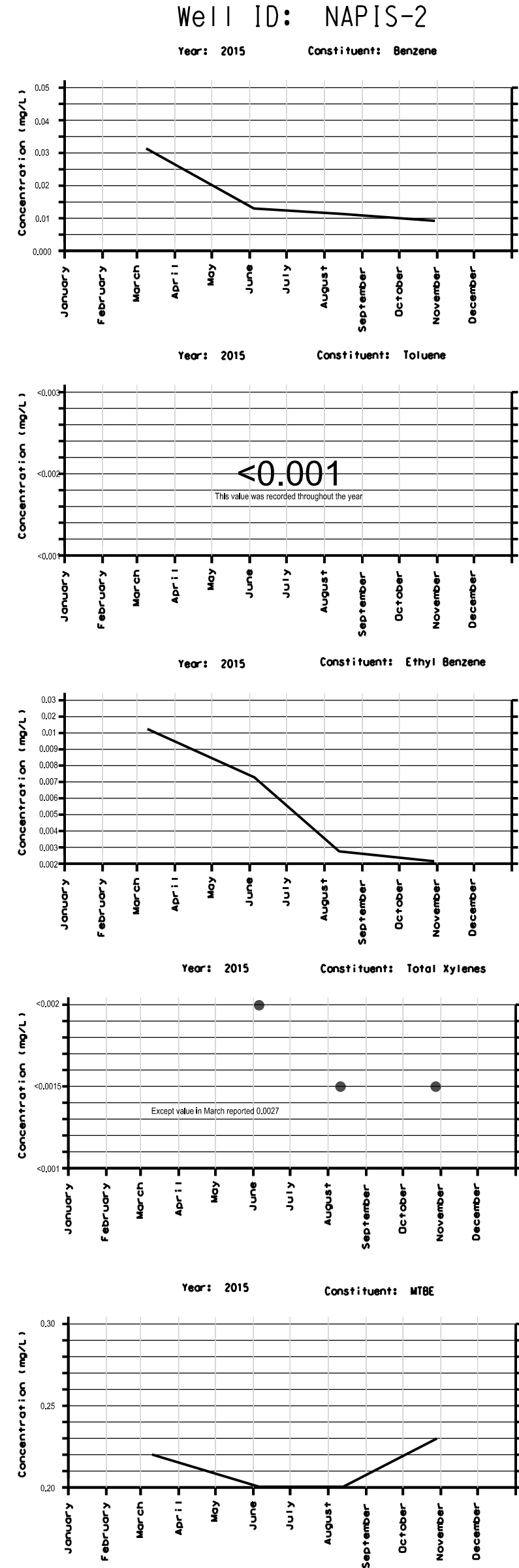
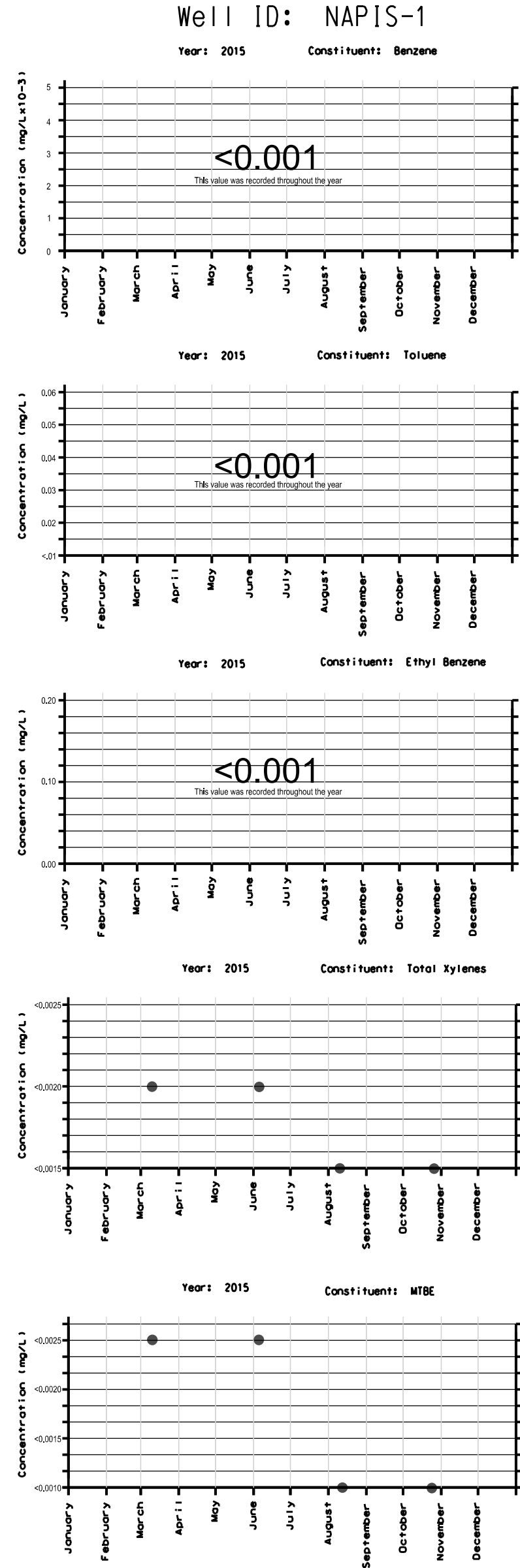
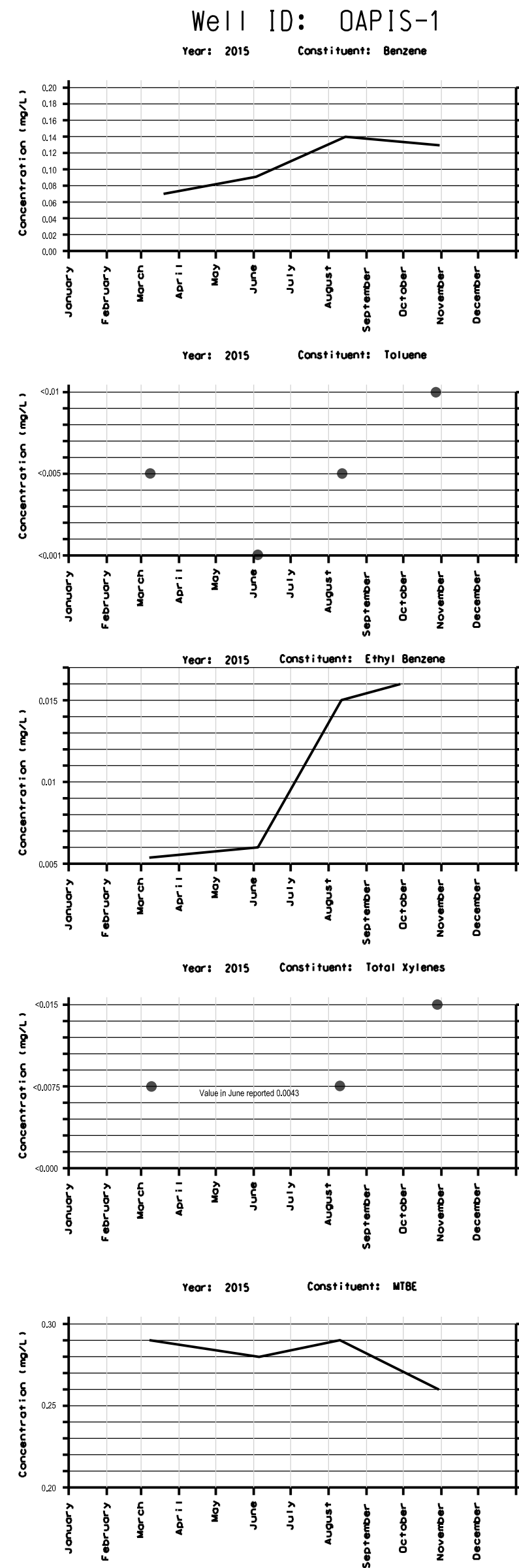
4601 Ripley
 El Paso, Texas
 79922
 915-584-1317

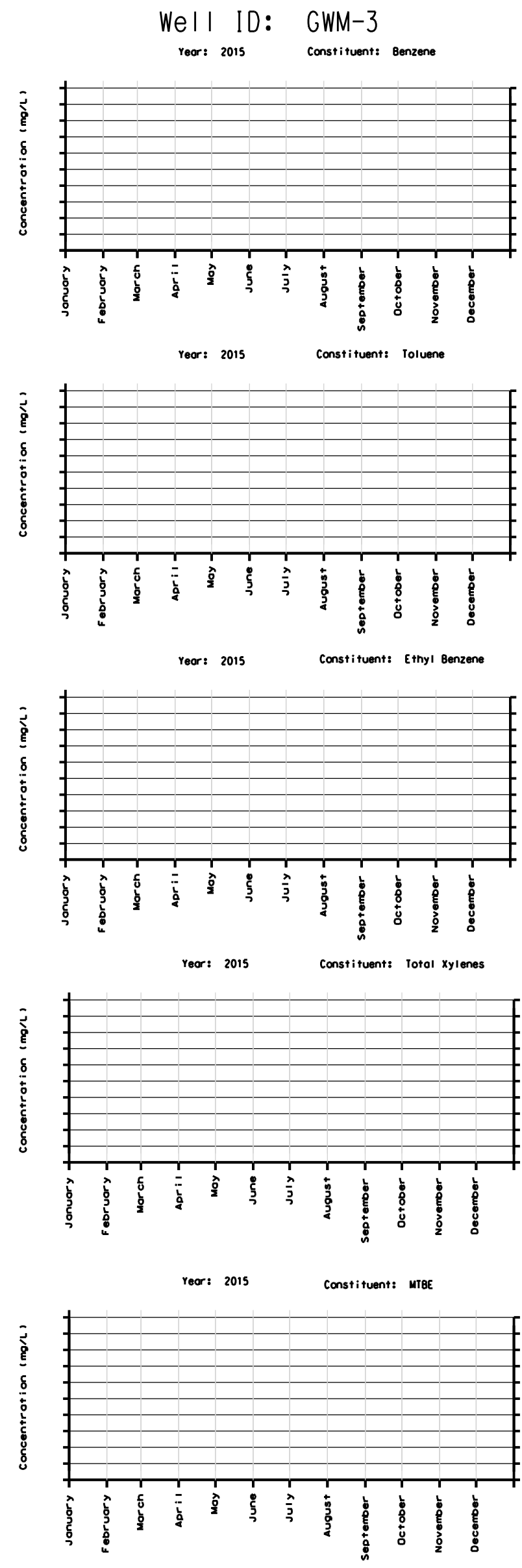
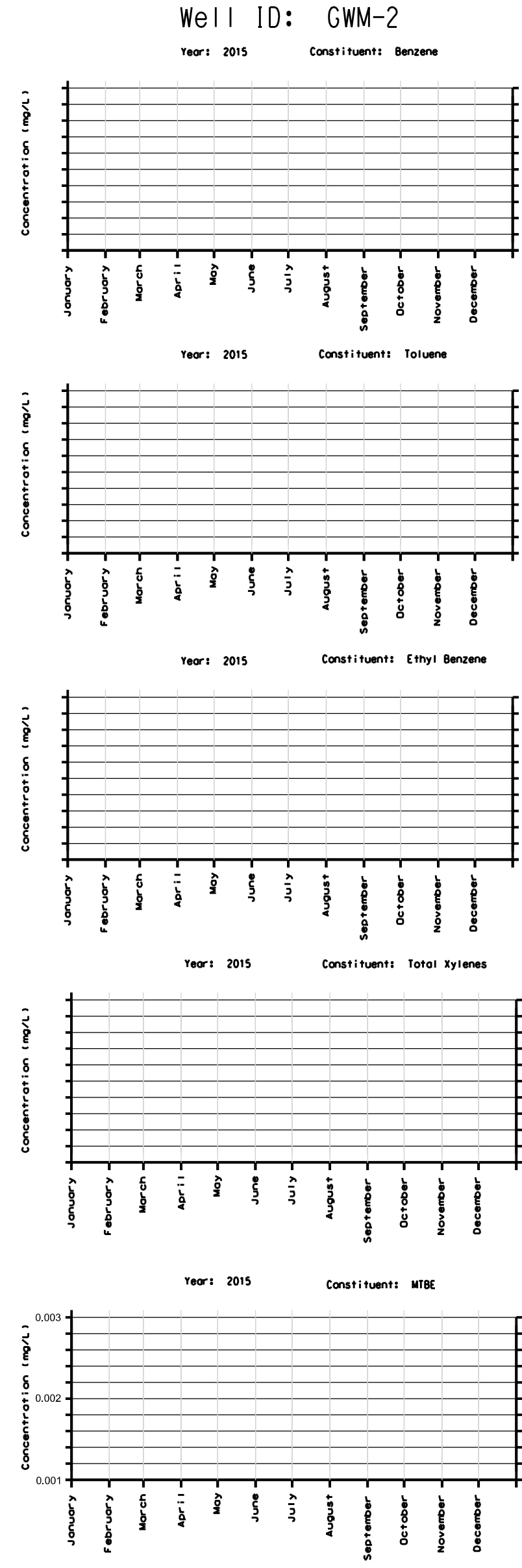
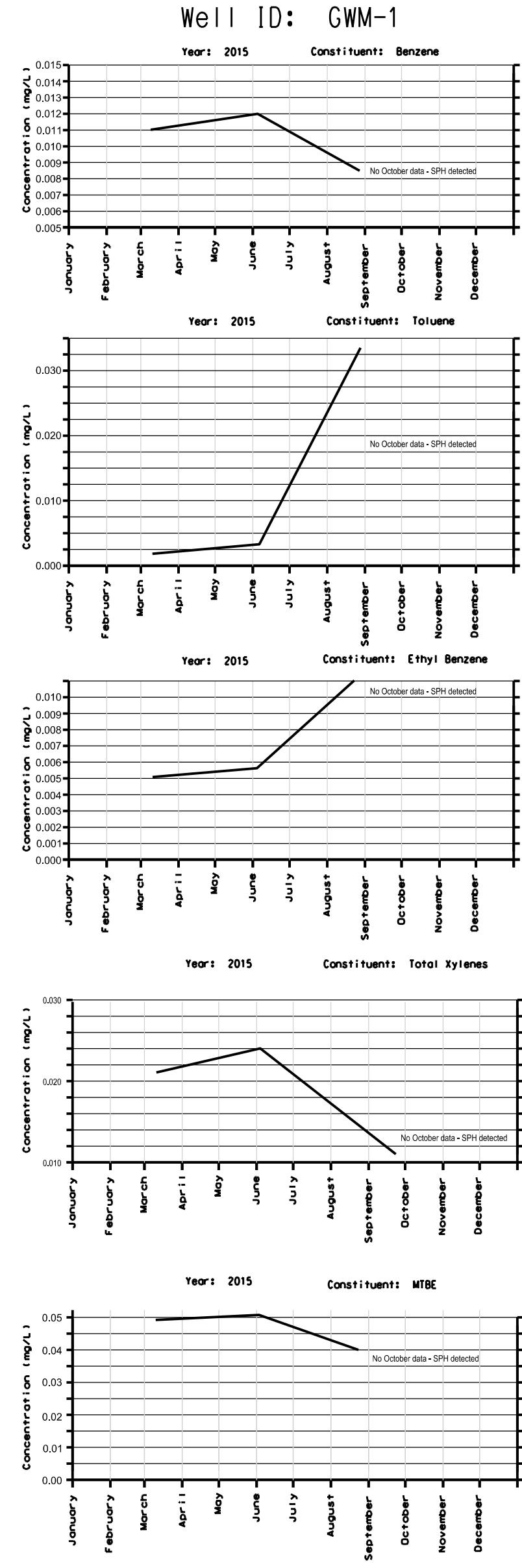
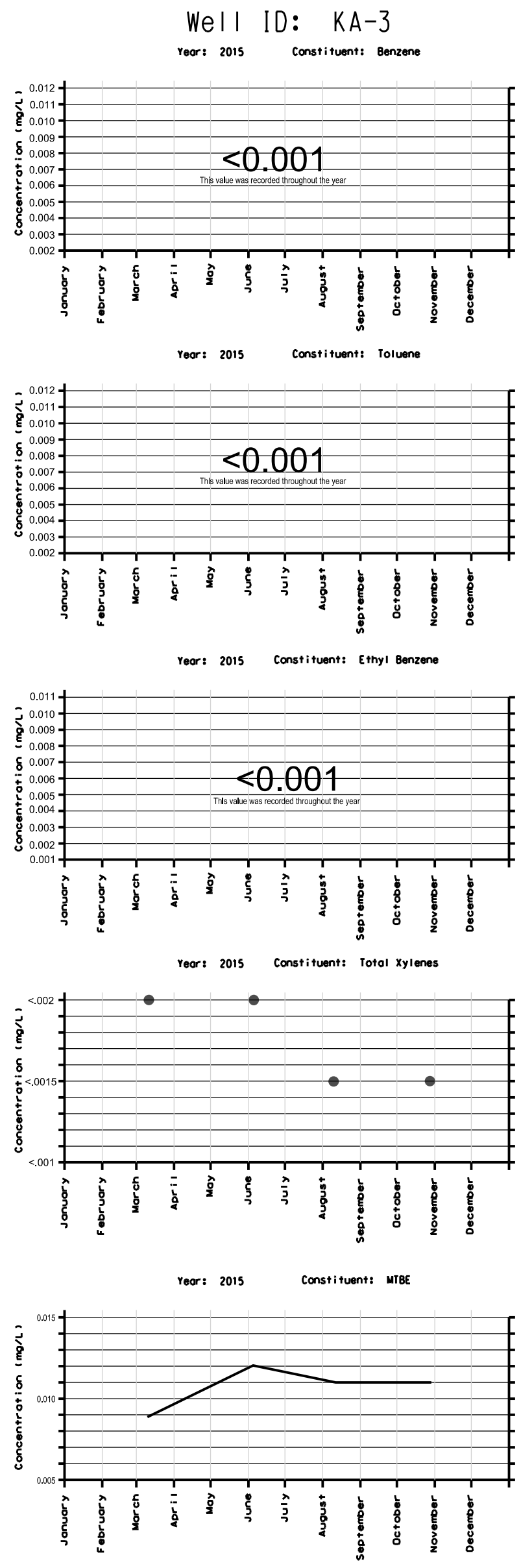


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Project #: 06251104

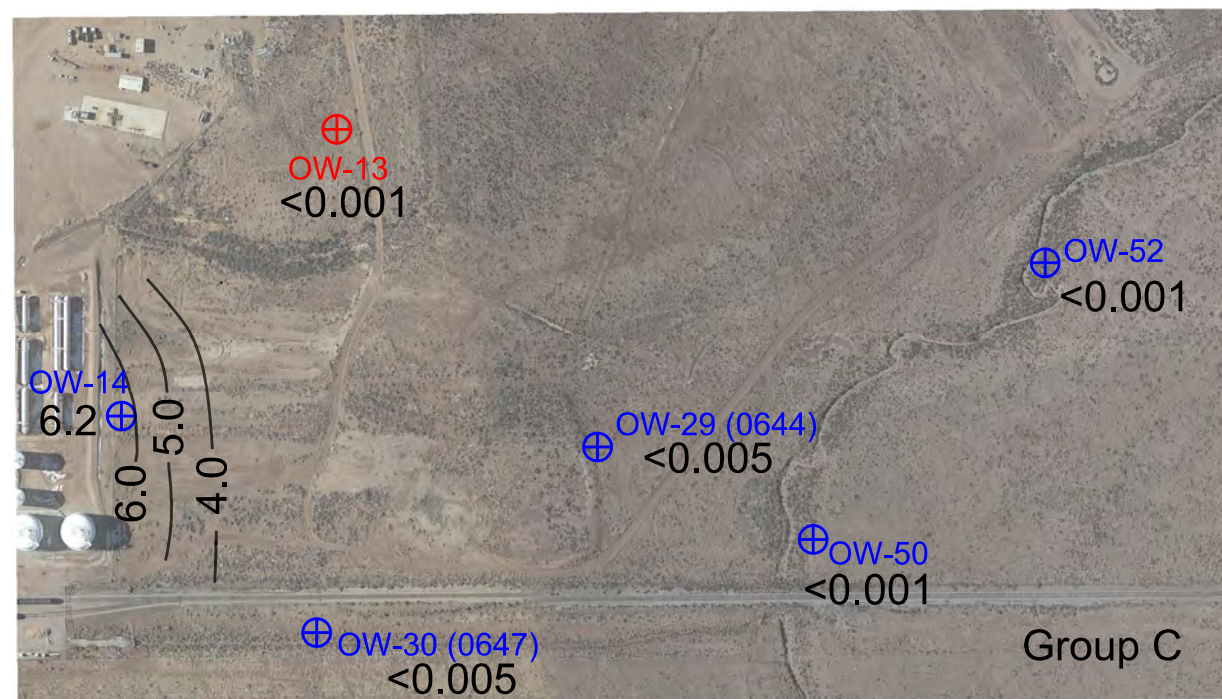
Western Refining - Gallup Refinery
 92 Giant Crossing Road
 Gallup, New Mexico 87301
 Date: August 3, 2016





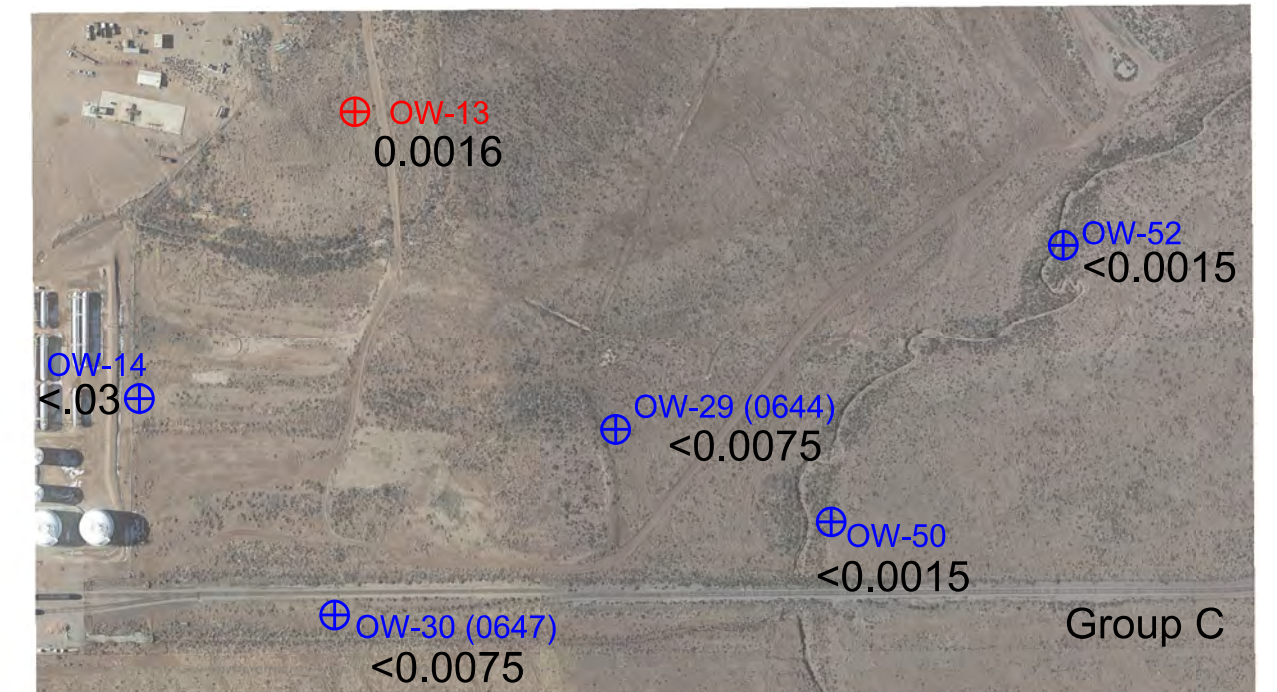
Benzene (October 2015)

Contour Interval = 1.0



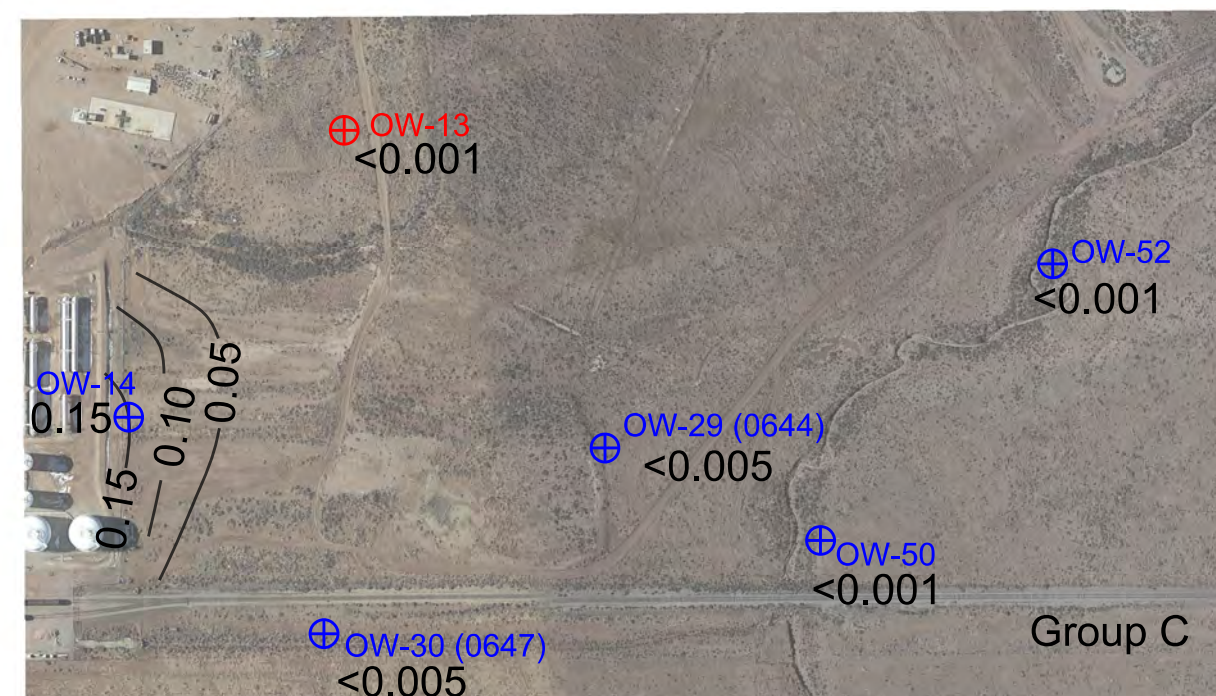
Total Xylenes (October 2015)

Contour Interval = N/A



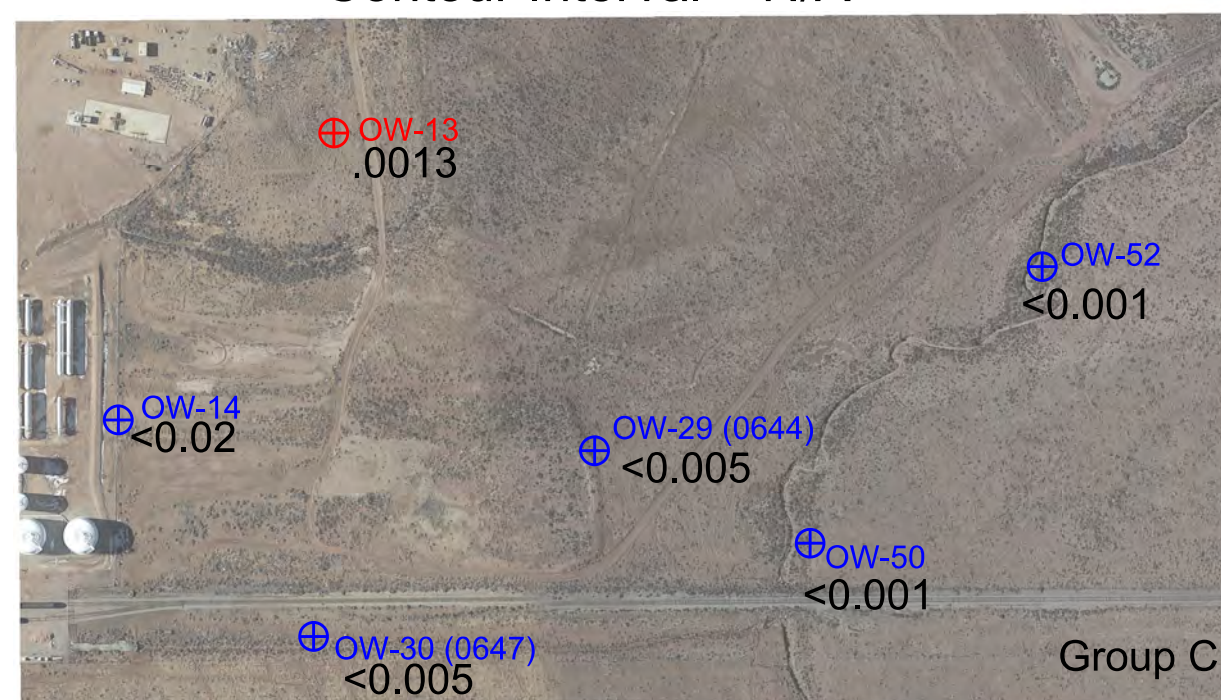
Ethyl Benzene (October 2015)

Contour Interval = 0.05



Toluene (October 2015)

Contour Interval = N/A



MTBE (October 2015)

Contour Interval = 0.5

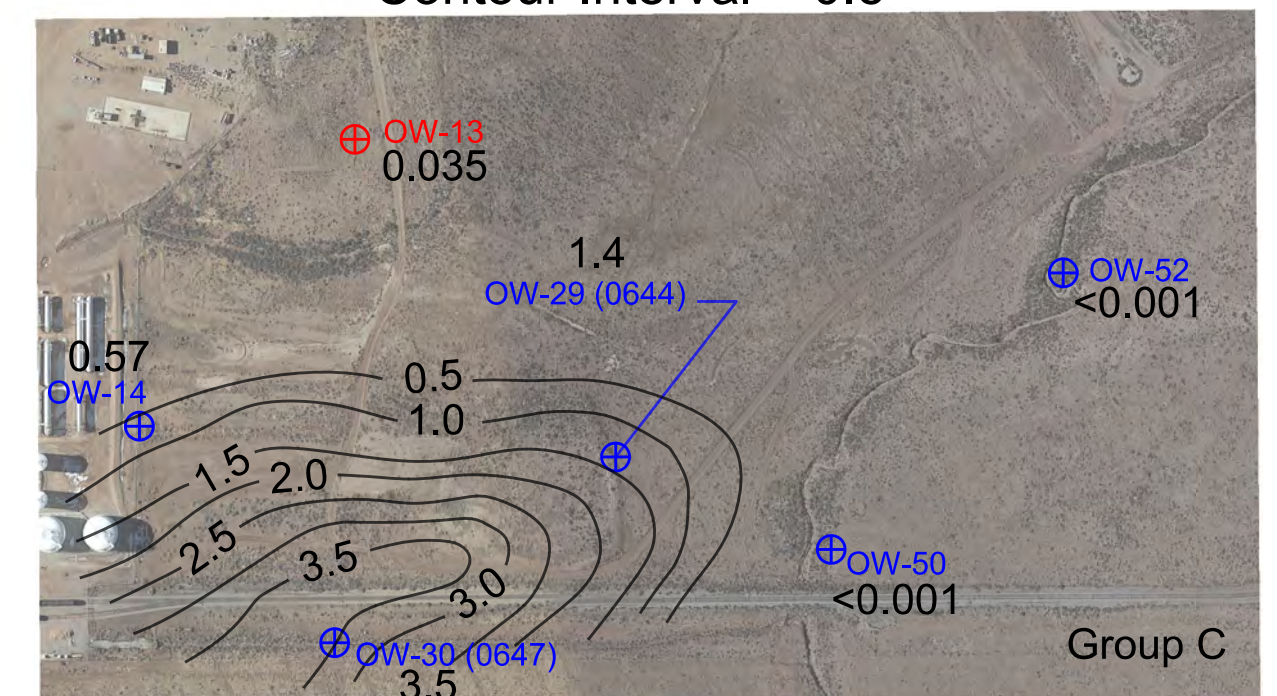


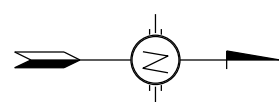
Figure 16

WELL GROUP C CONSTITUENTS - 2015

WESTERN REFINING - GALLUP REFINERY



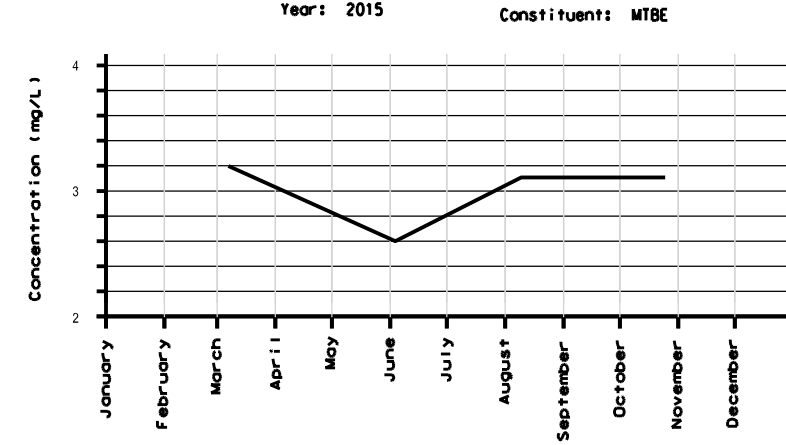
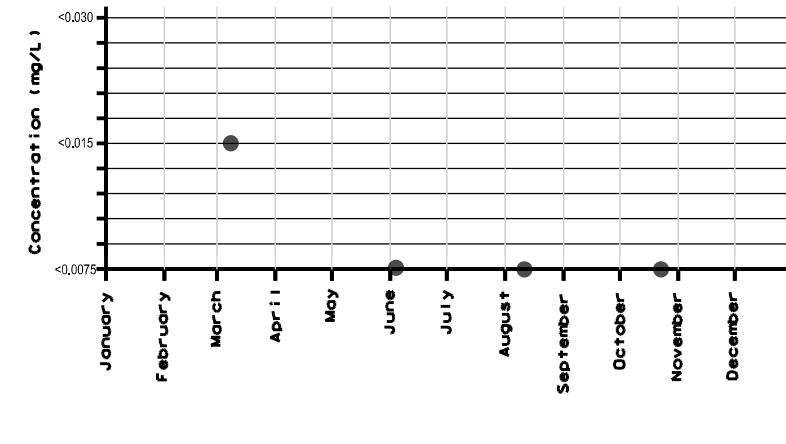
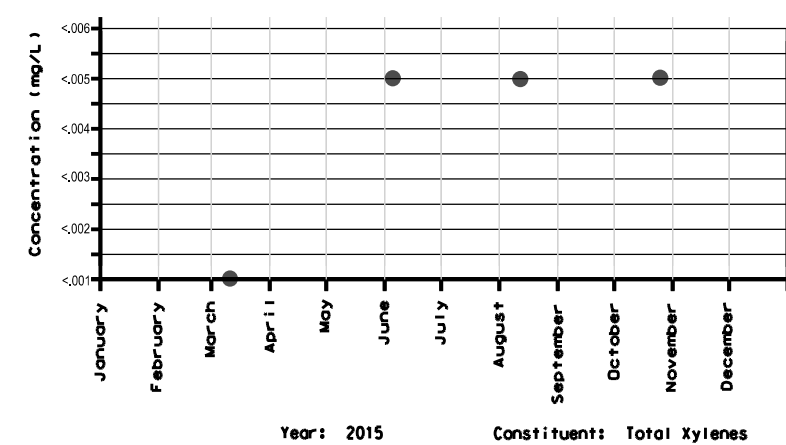
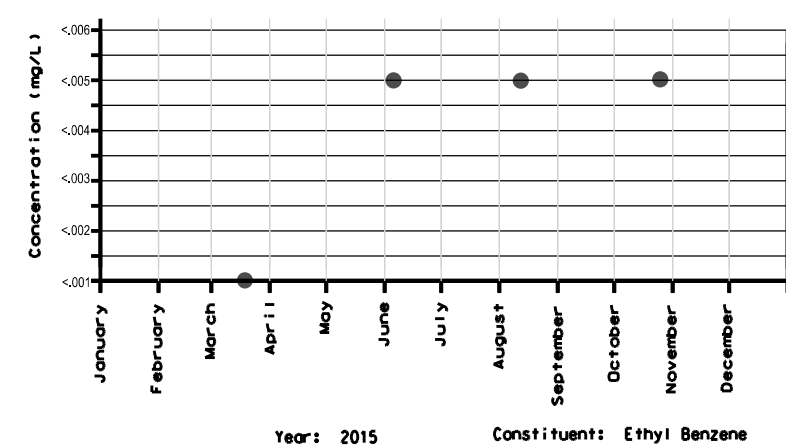
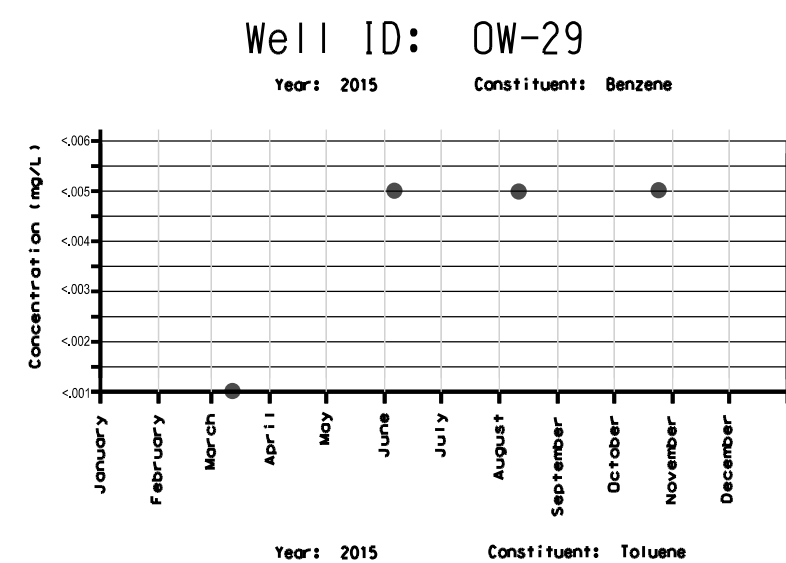
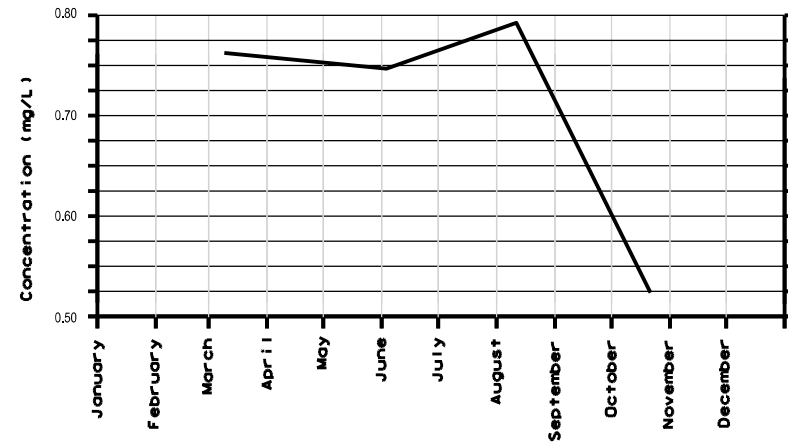
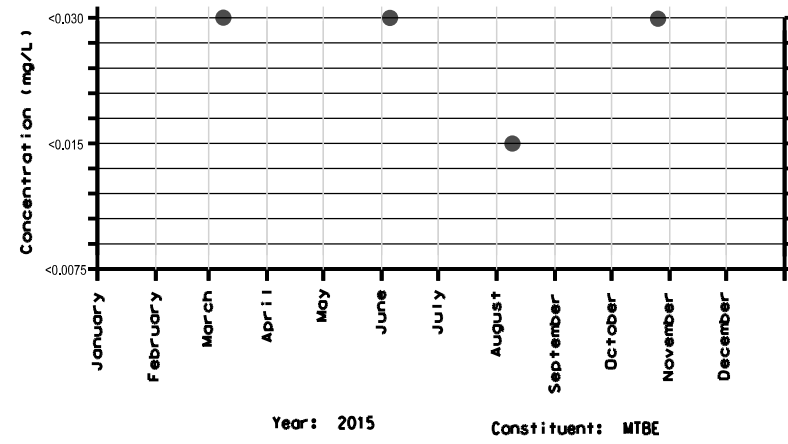
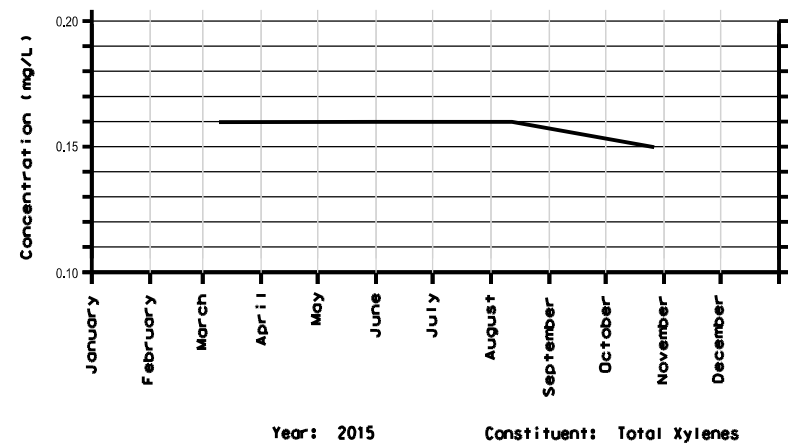
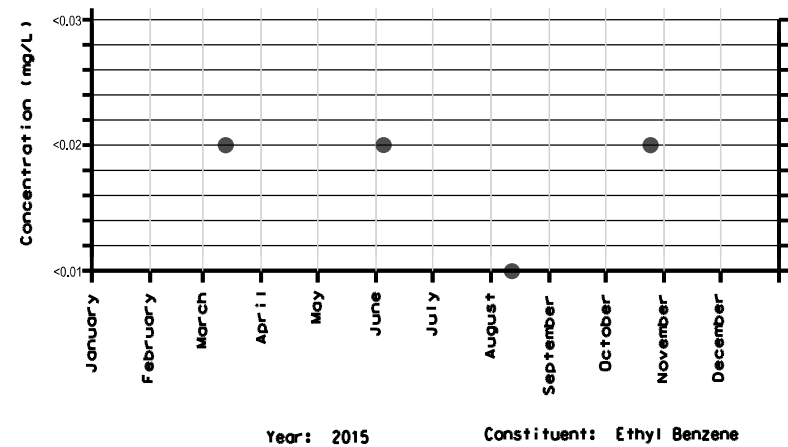
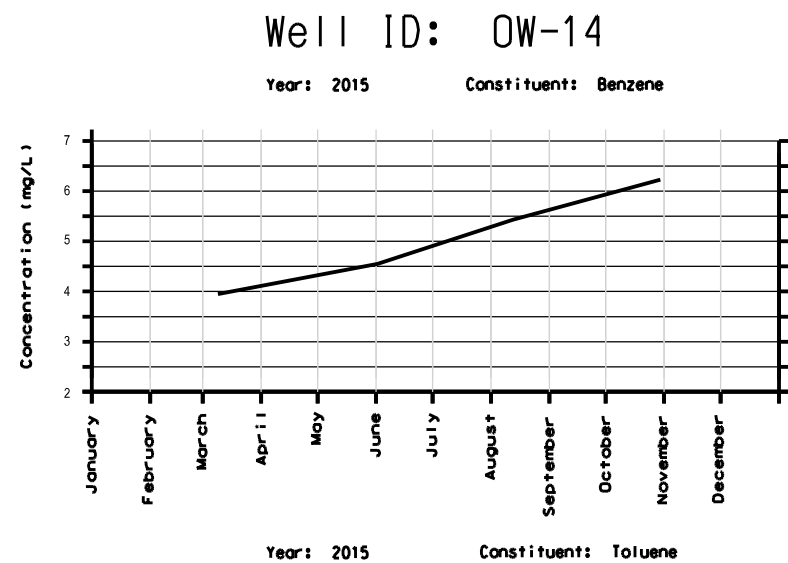
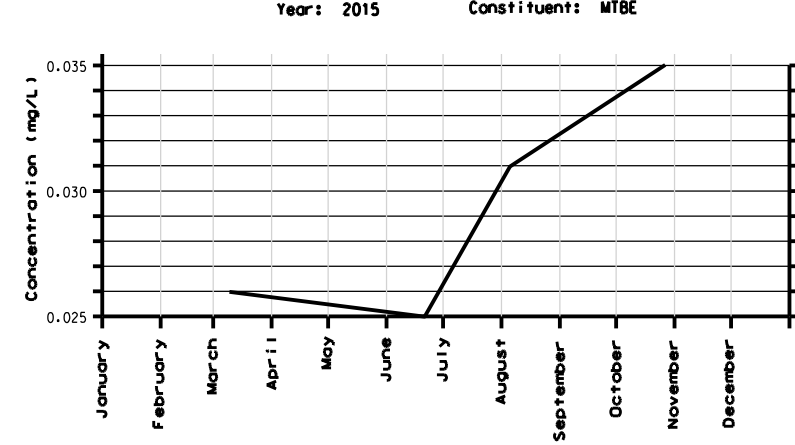
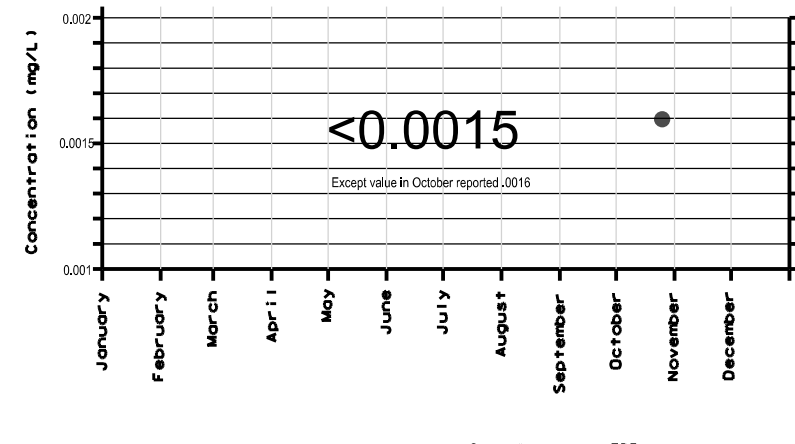
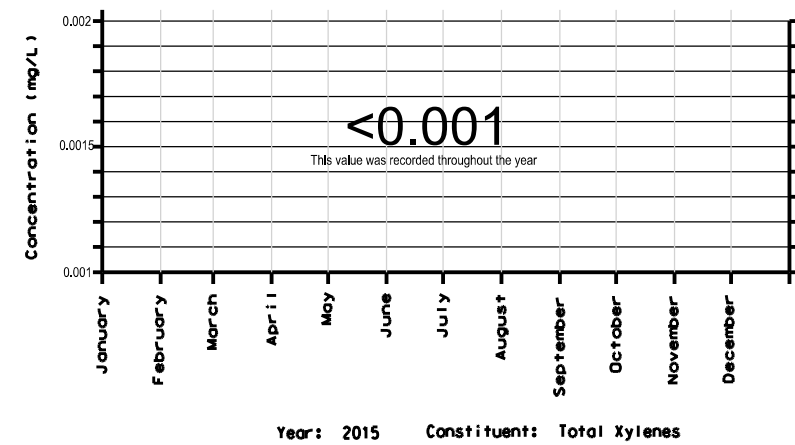
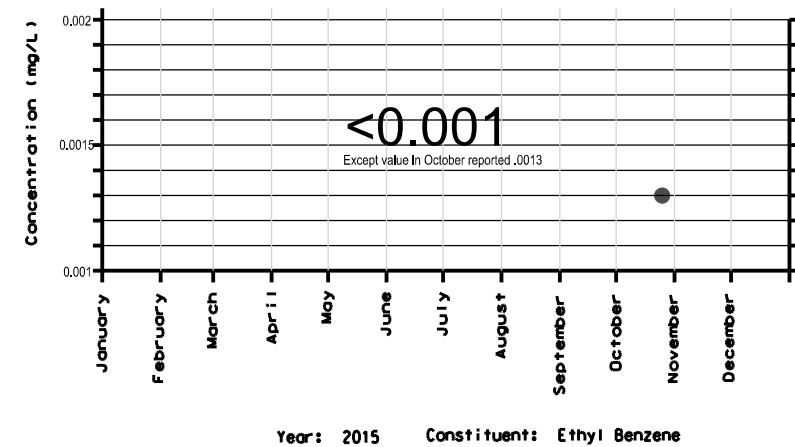
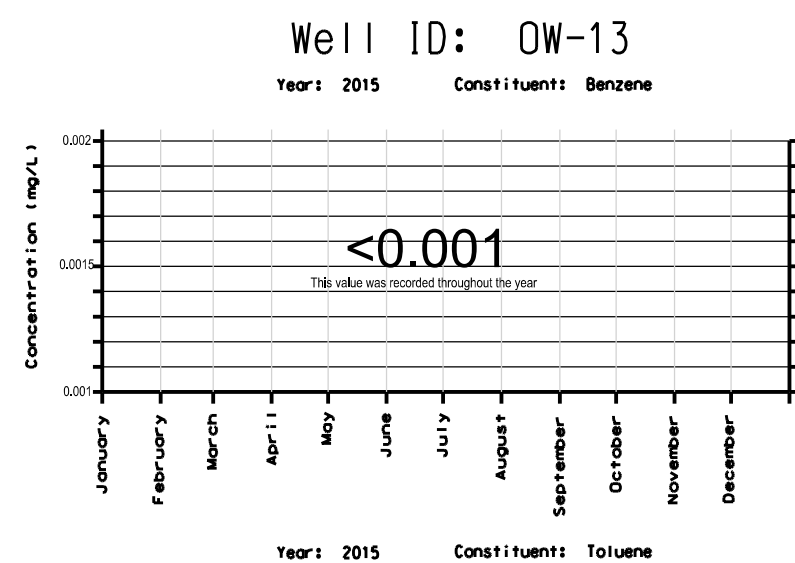
4601 Ripley
El Paso, Texas
79922
915-584-1317

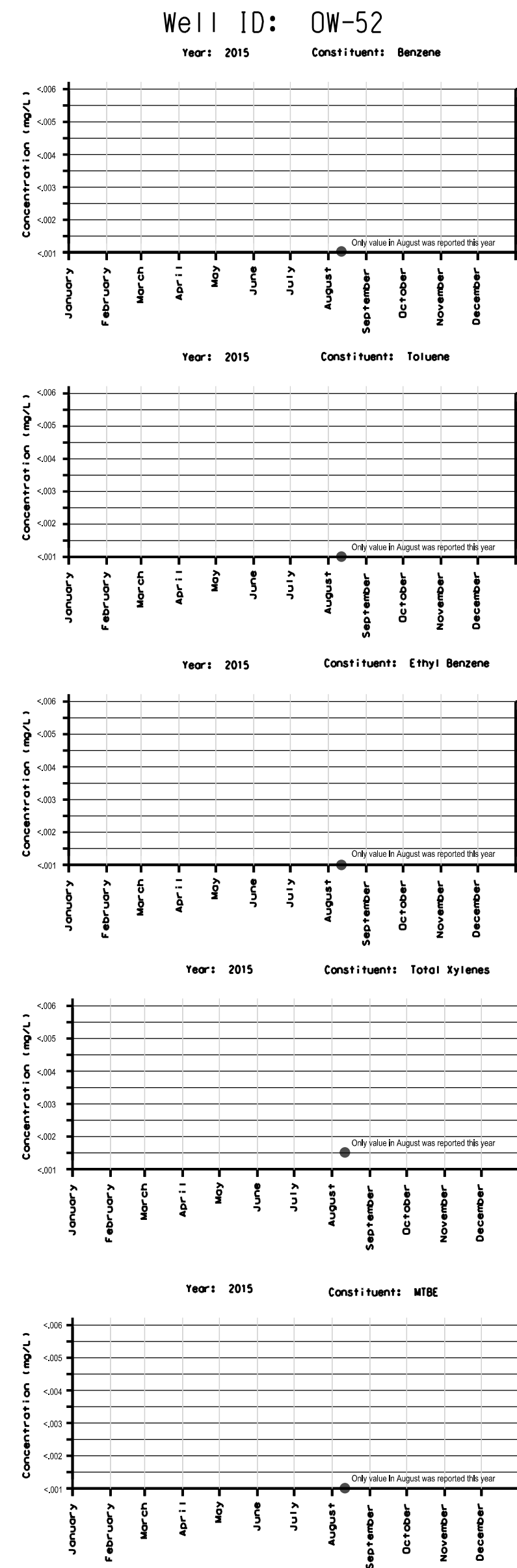
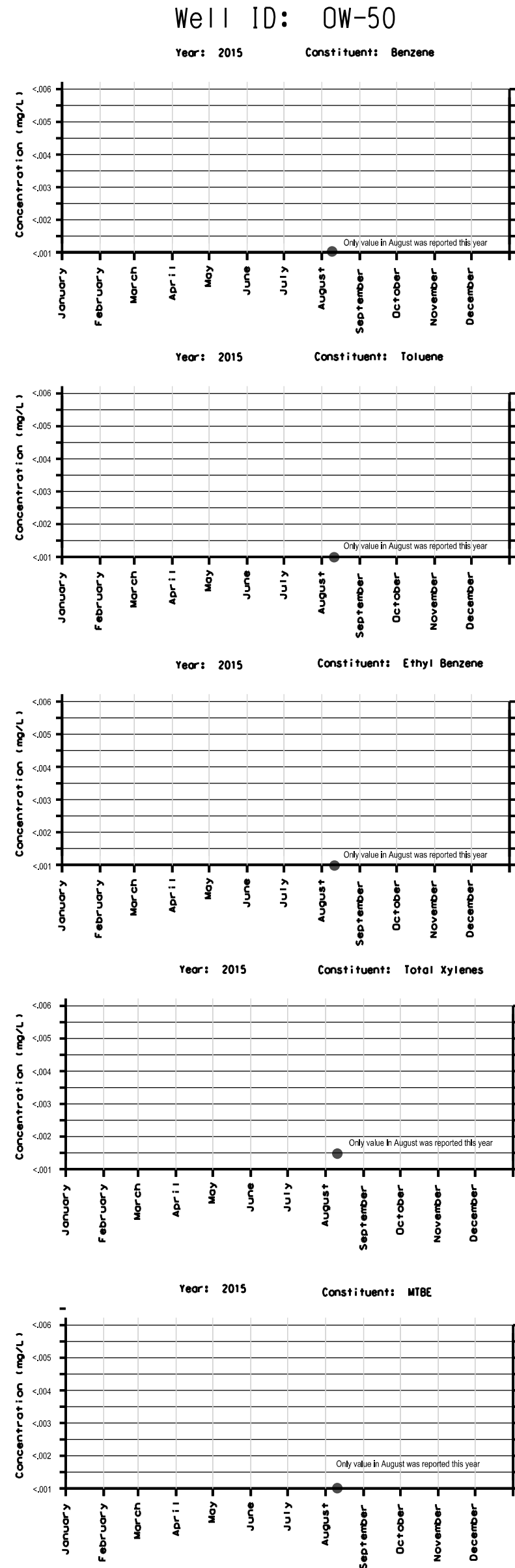
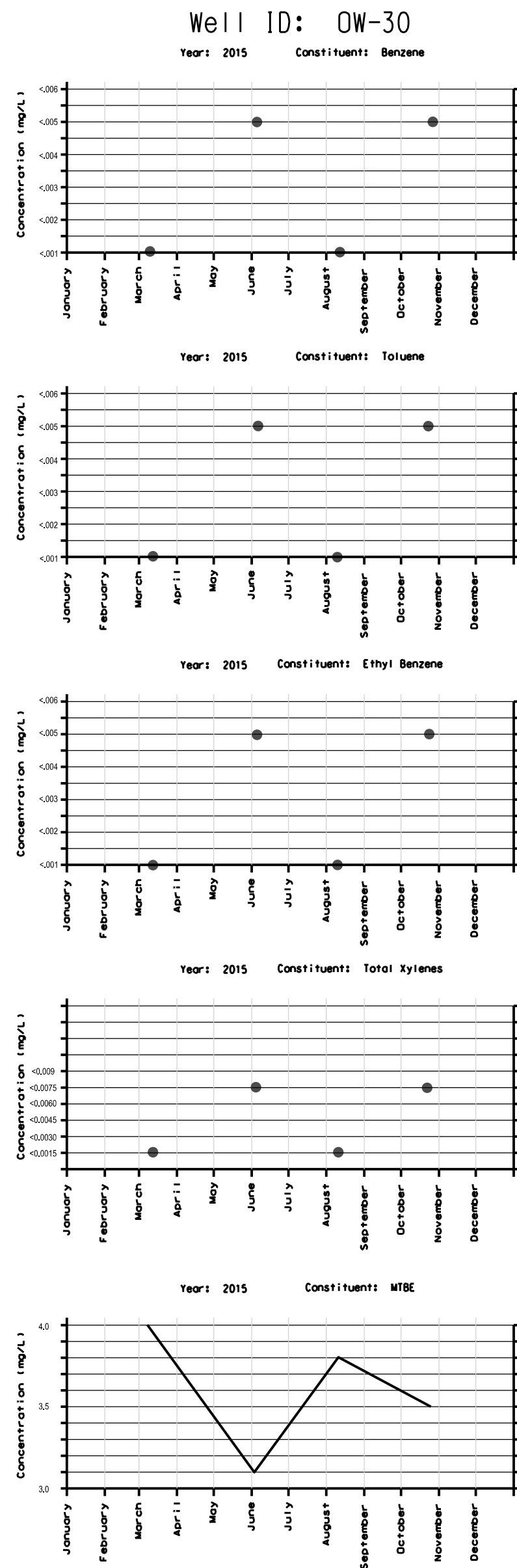


NTS

Project #: 06251104

Western Refining - Gallup Refinery
92 Giant Crossing Road
Gallup, New Mexico 87301
Date: August 4, 2016





Benzene (November 2015)
Contour Interval = 1.0



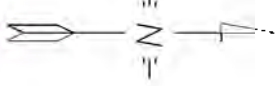
Toluene (November 2015)
Contour Interval = 1.0



Ethyl Benzene (November 2015)
Contour Interval = 0.10



4601 Ripley
El Paso, Texas
79922
915-584-1317



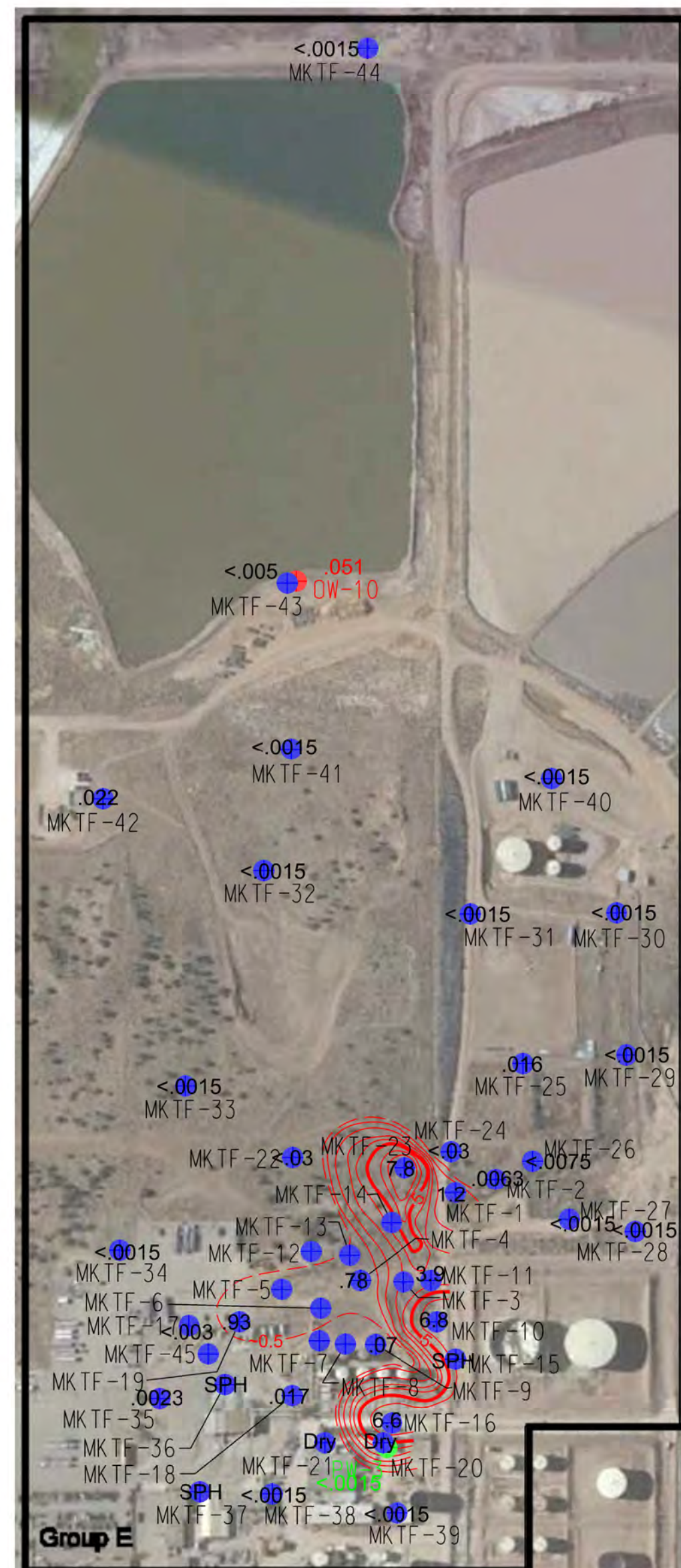
NTS

Project #: 06251104

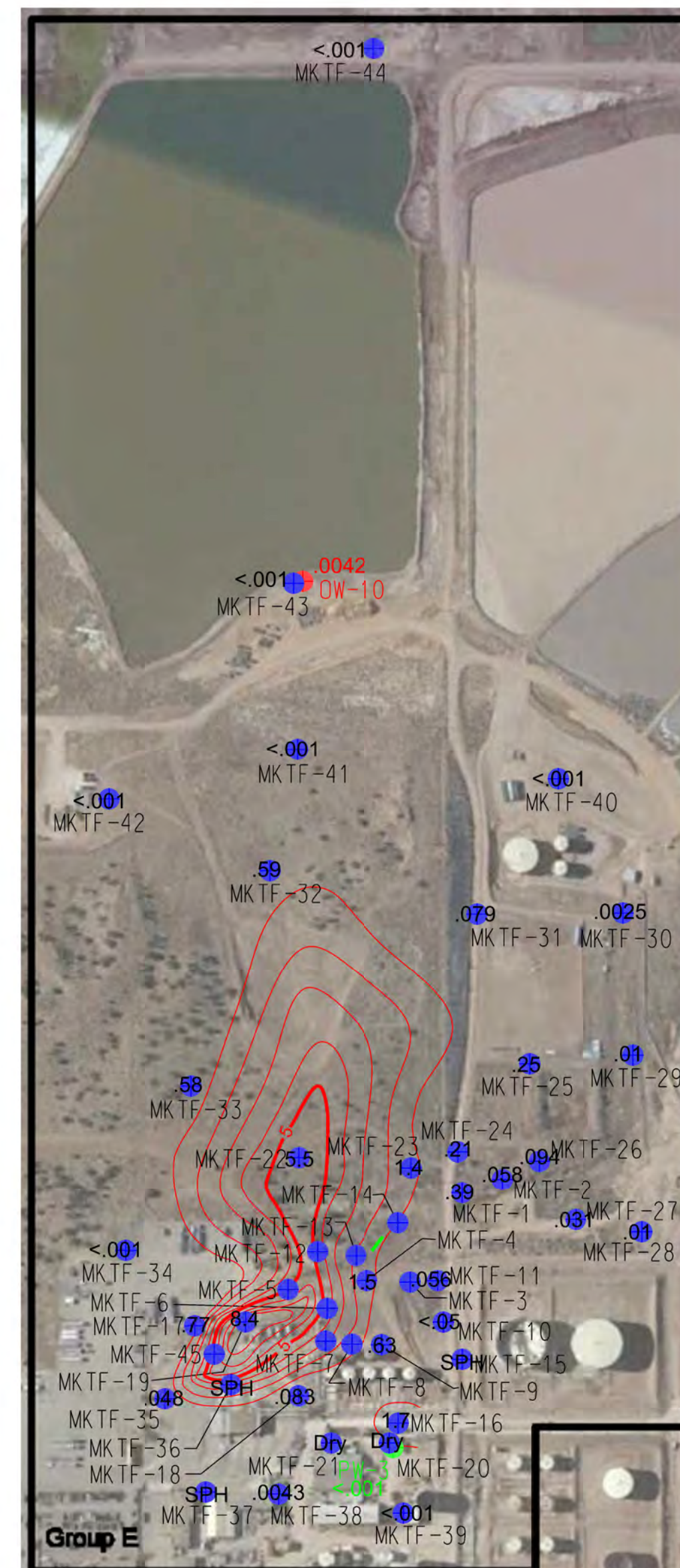
Figure 17A
WELL GROUP E CONSTITUENTS - 2015
WESTERN REFINING - GALLUP REFINERY

Western Refining - Gallup Refinery
92 Giant Crossing Road
Gallup, New Mexico 87301
Date: August 3, 2016

Contour Interval = 1.0



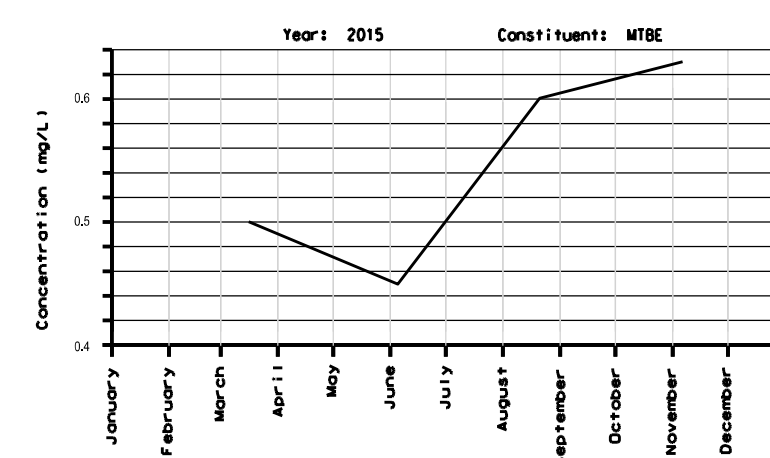
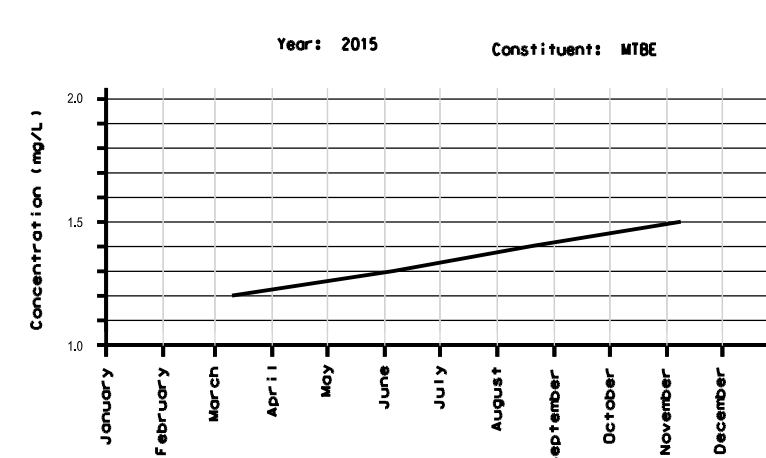
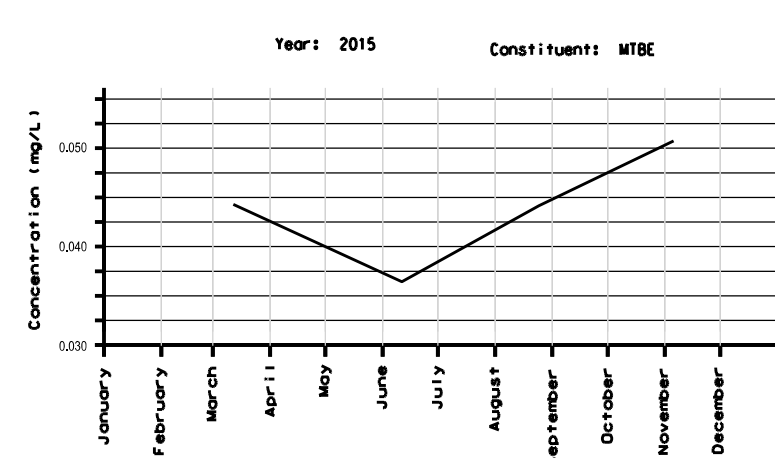
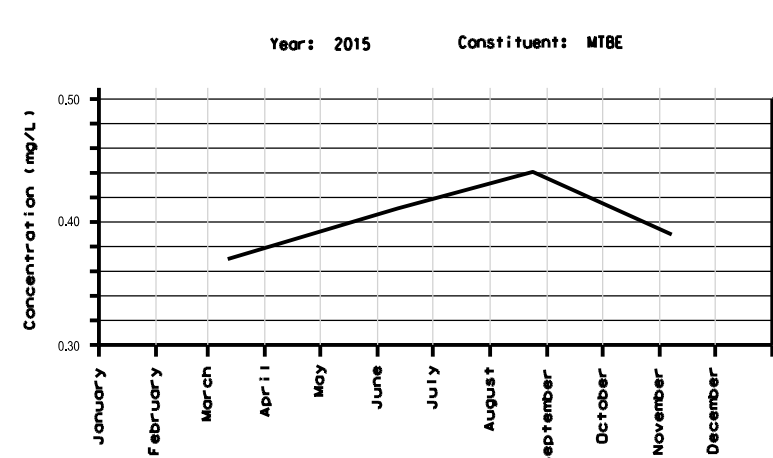
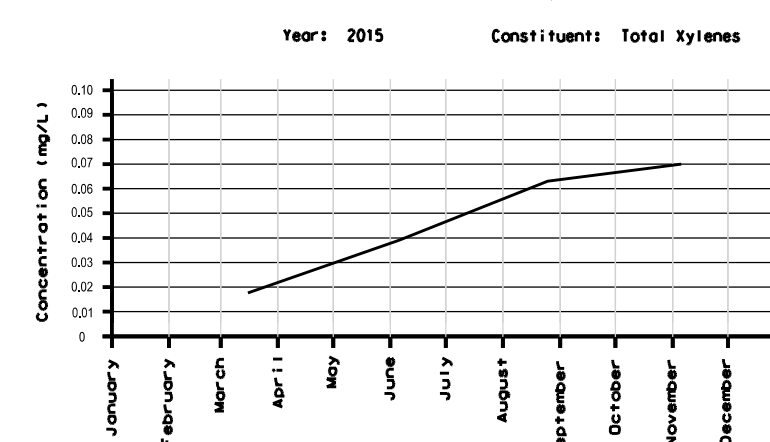
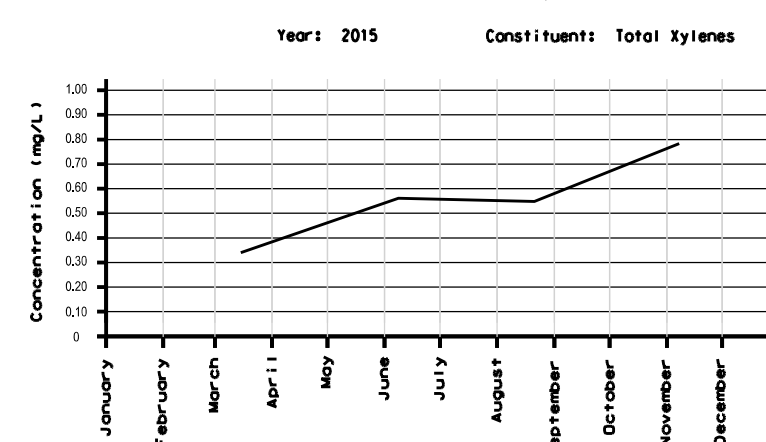
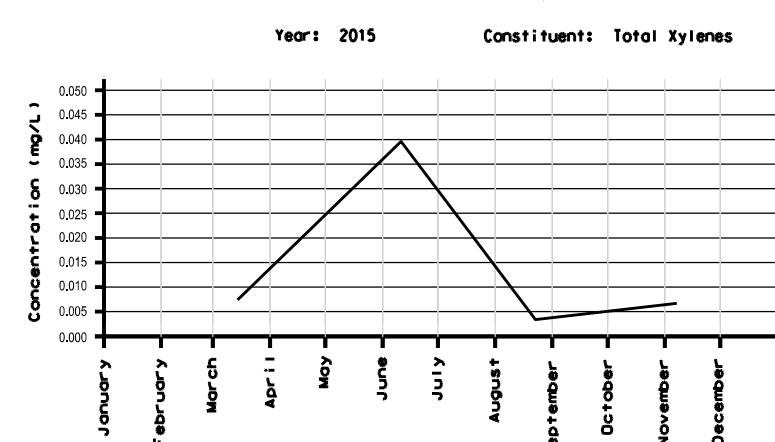
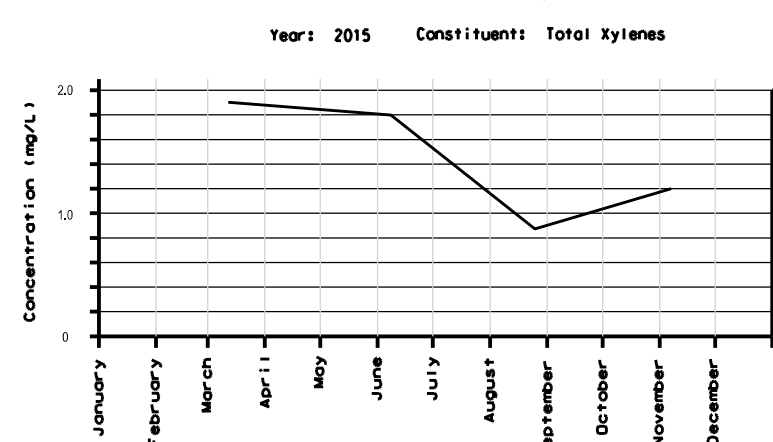
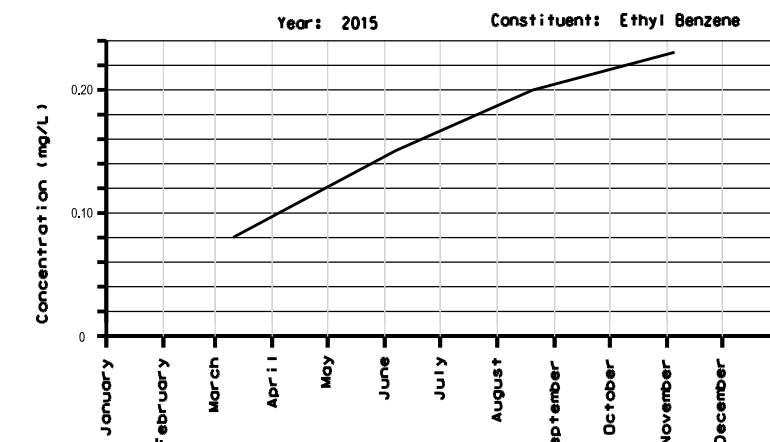
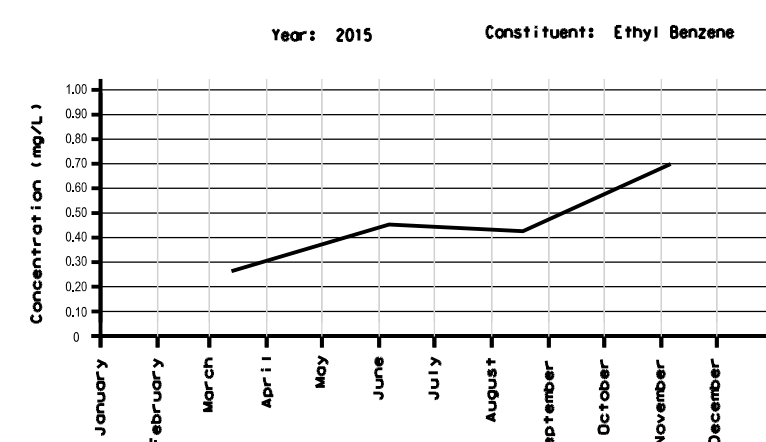
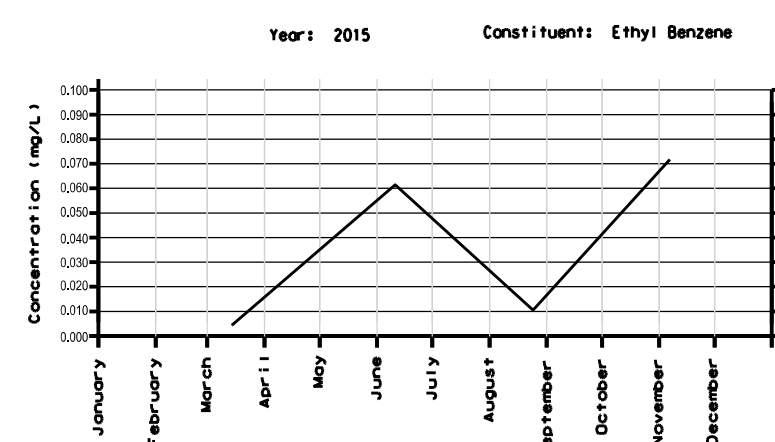
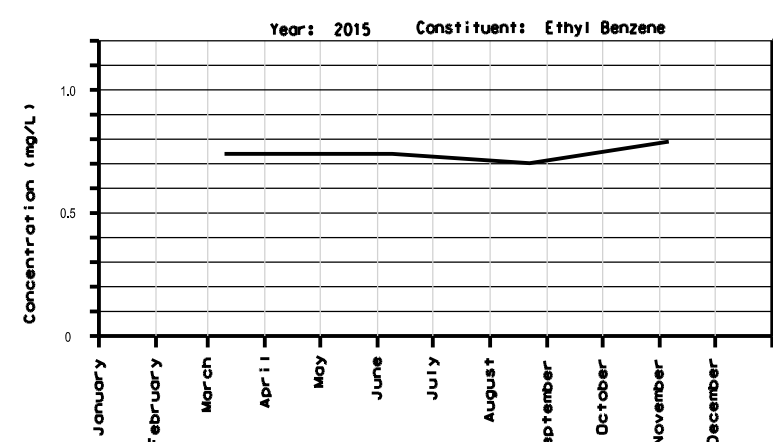
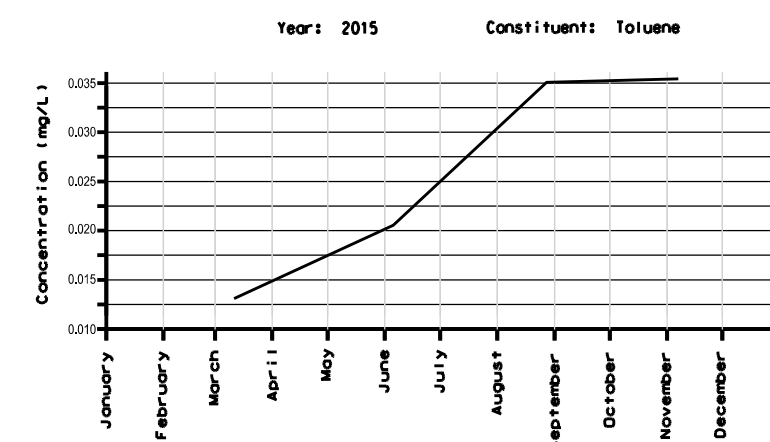
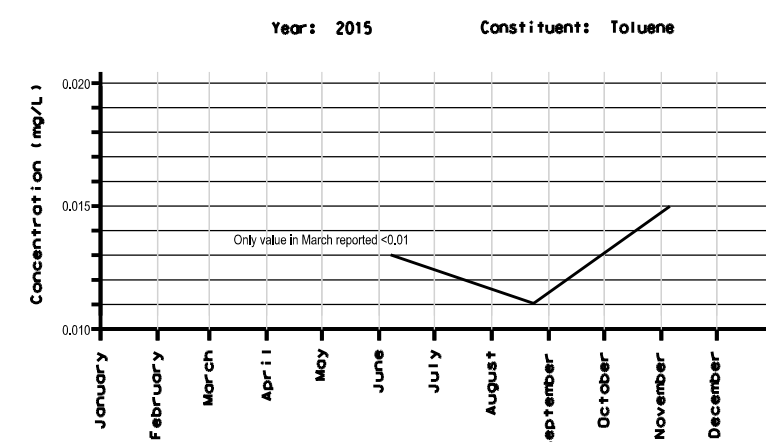
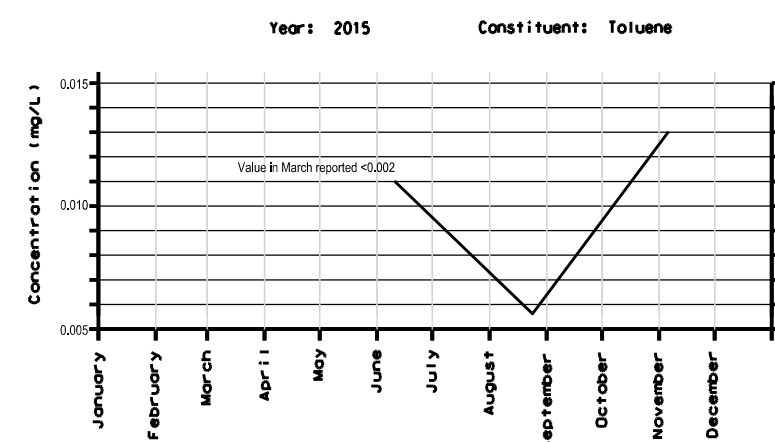
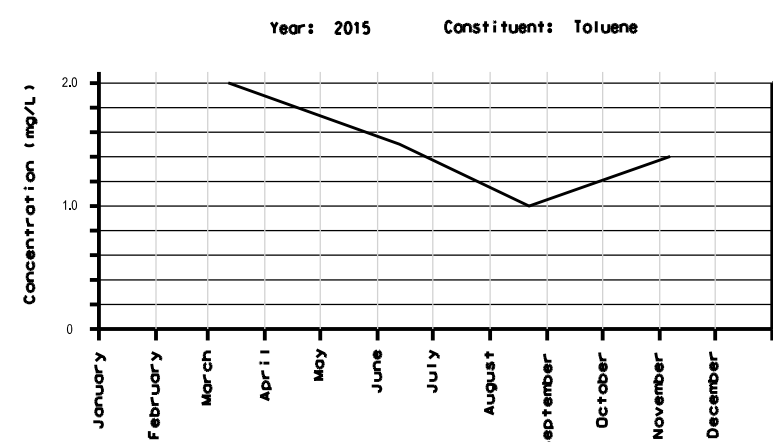
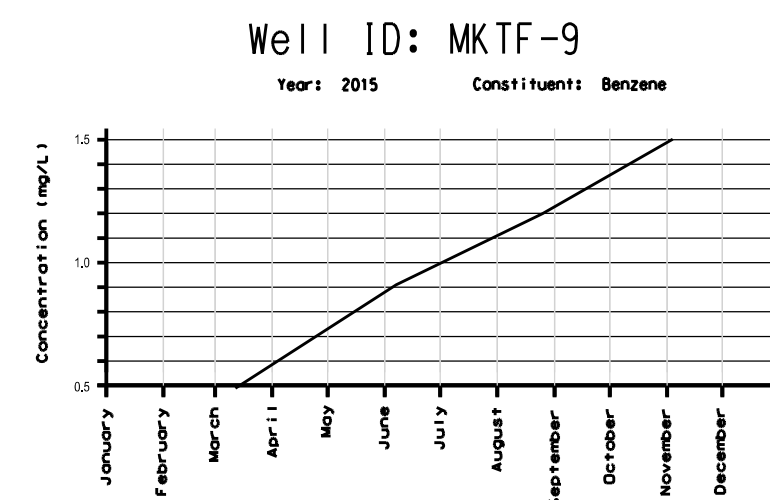
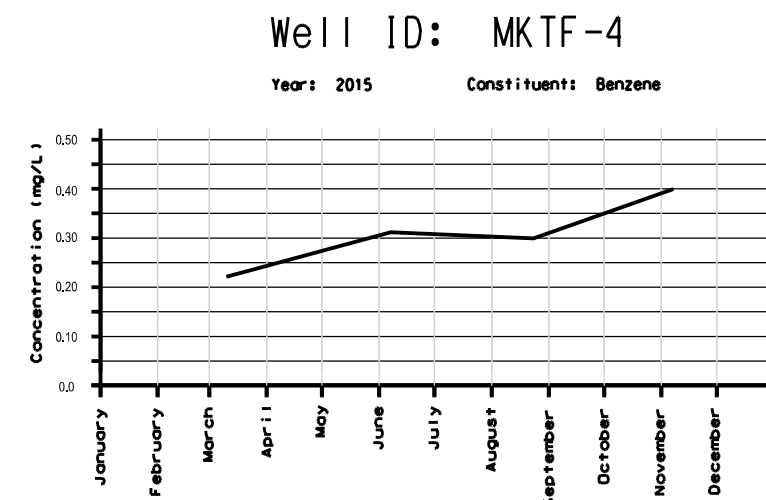
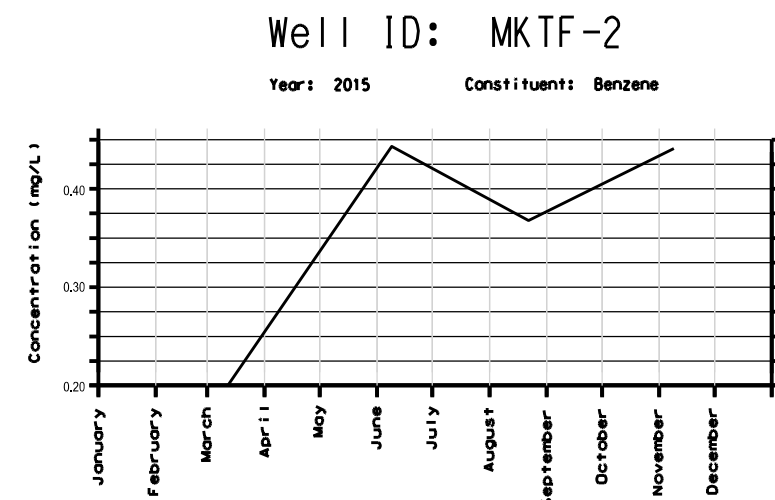
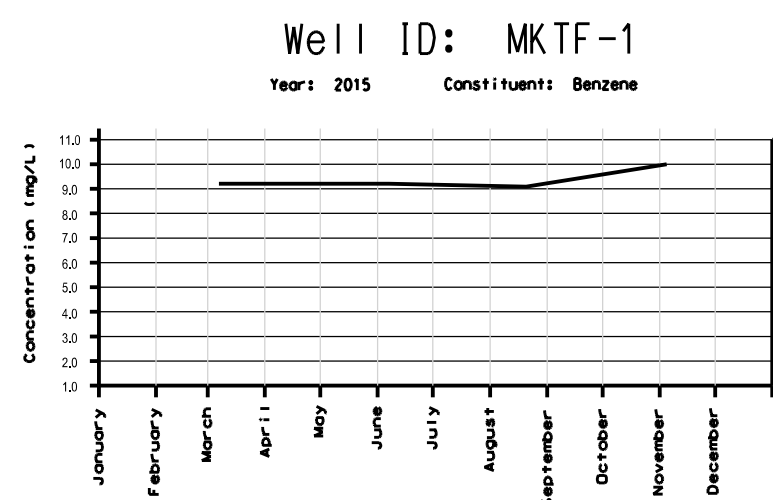
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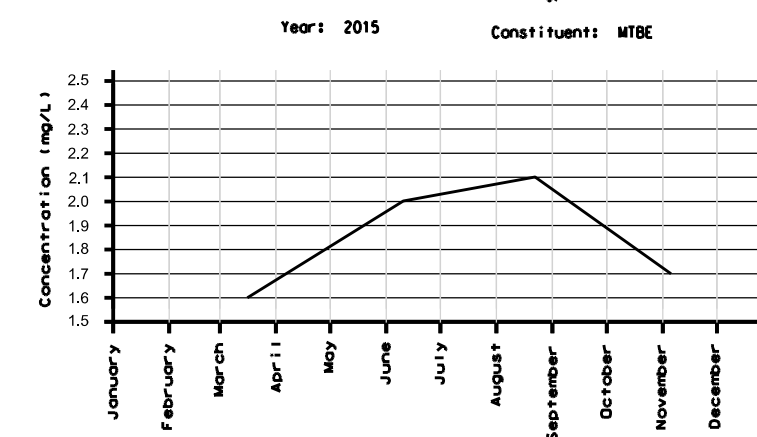
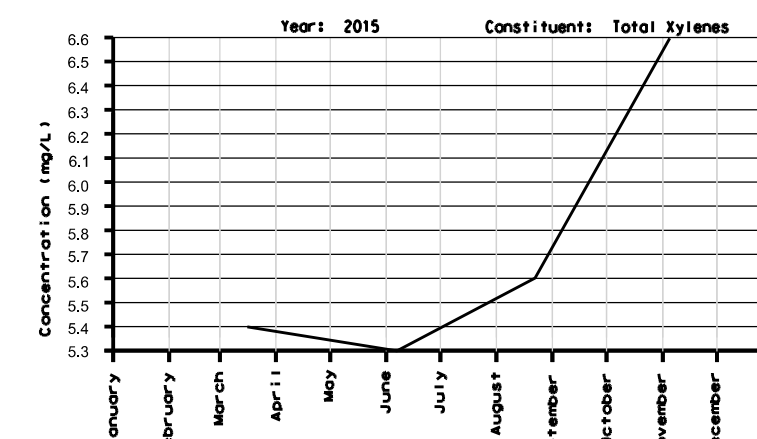
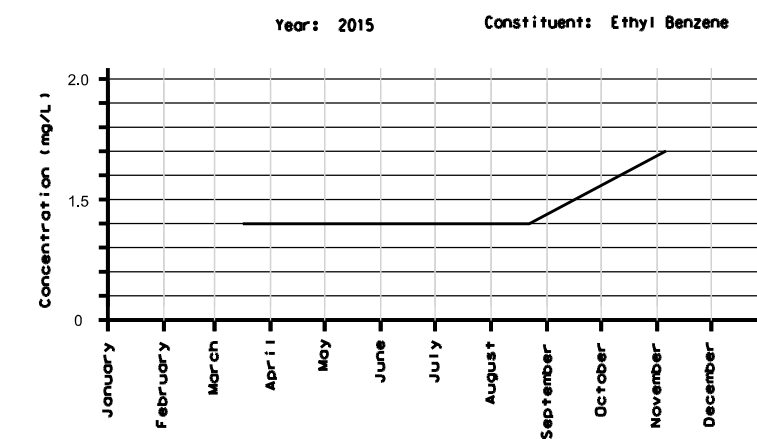
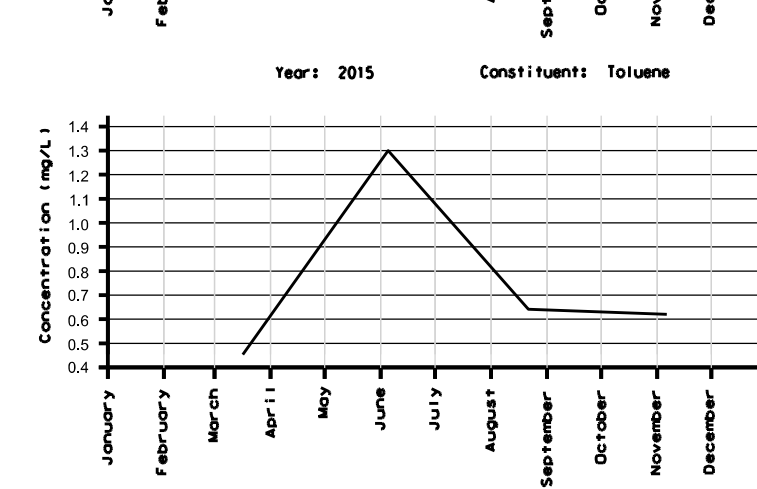
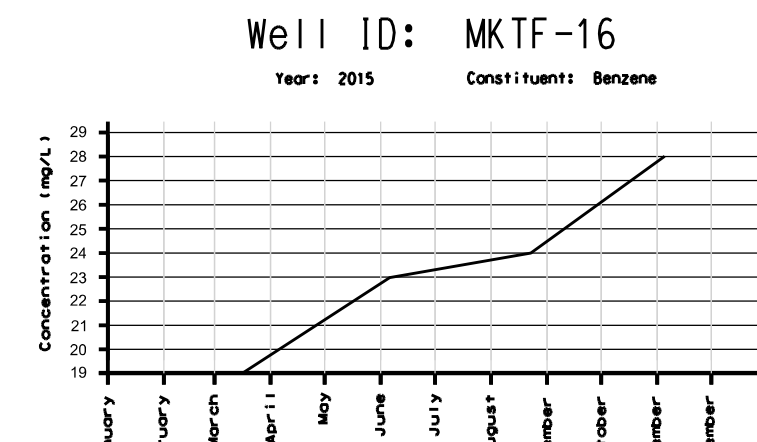
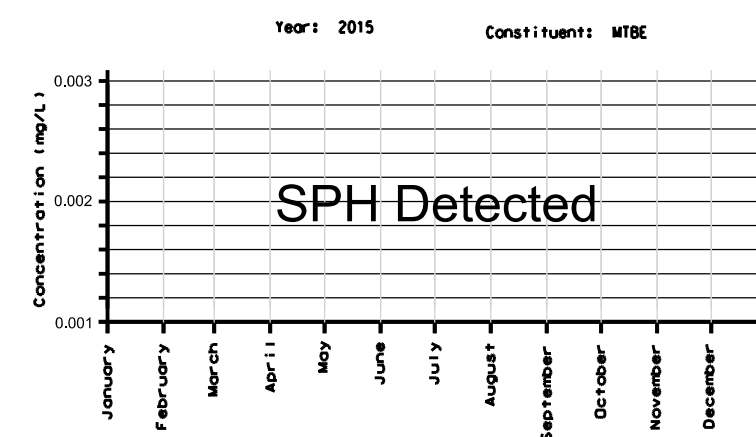
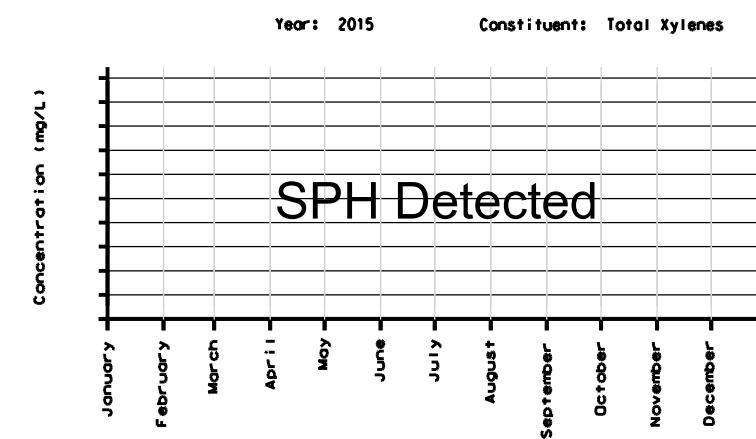
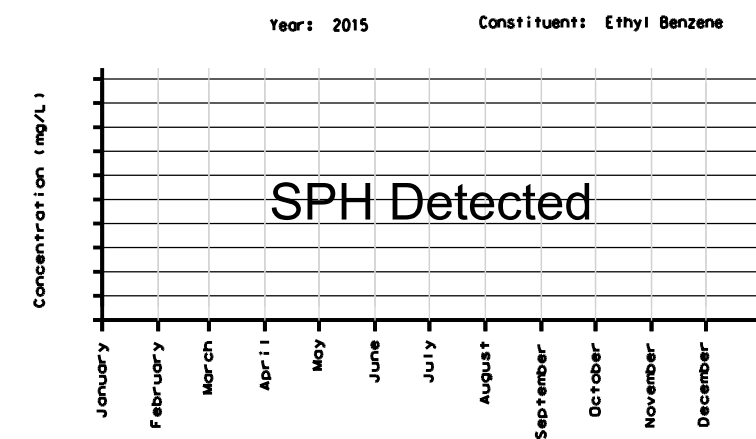
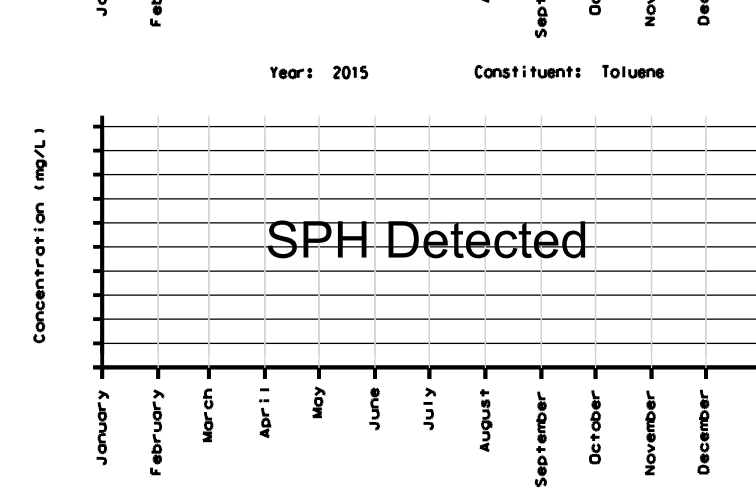
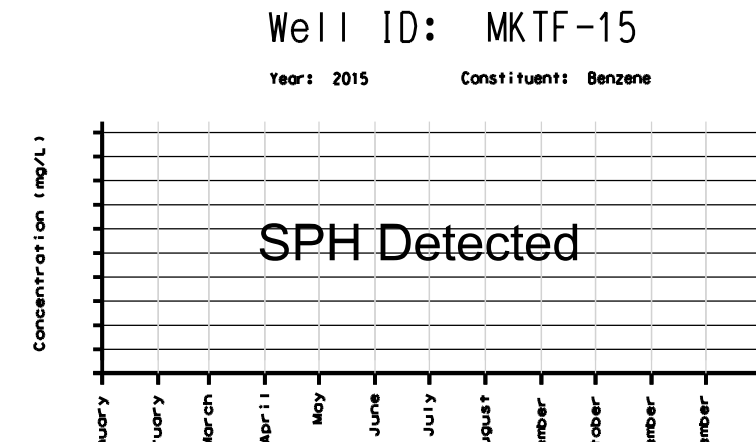
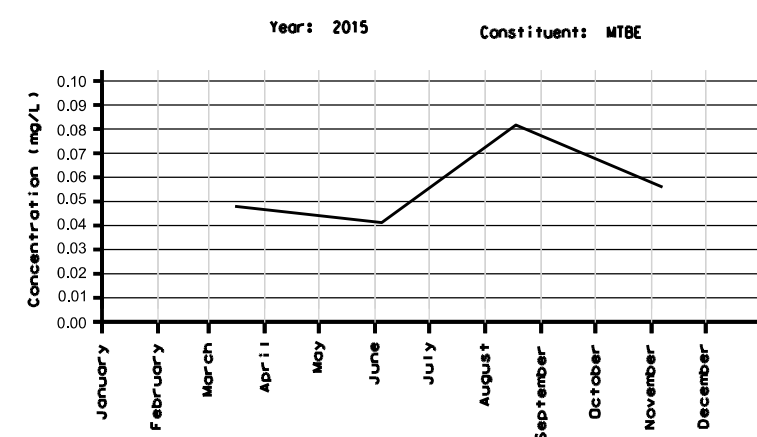
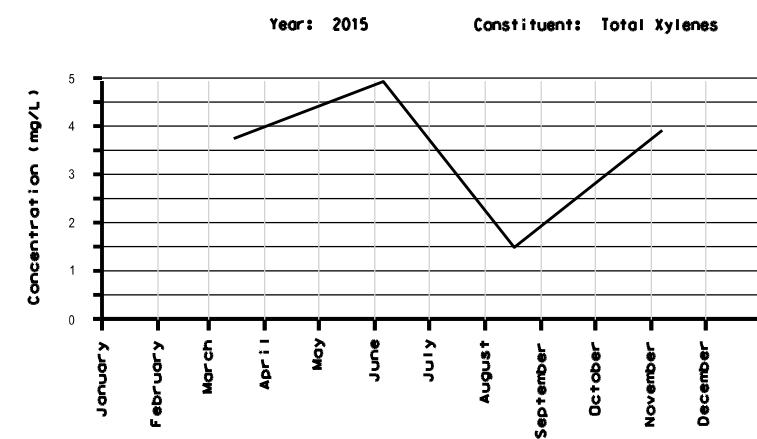
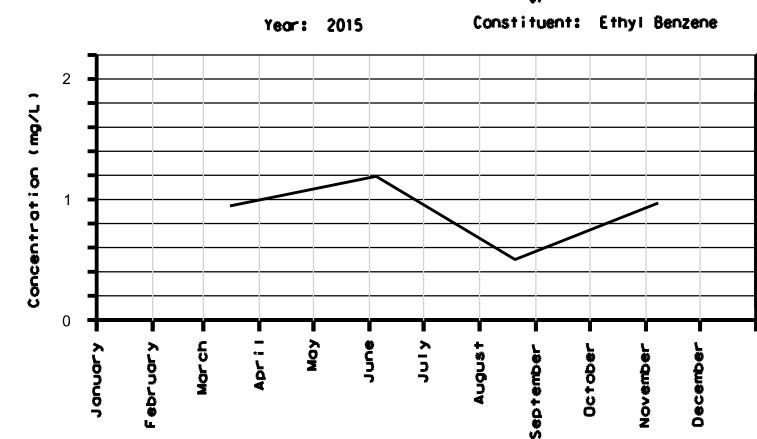
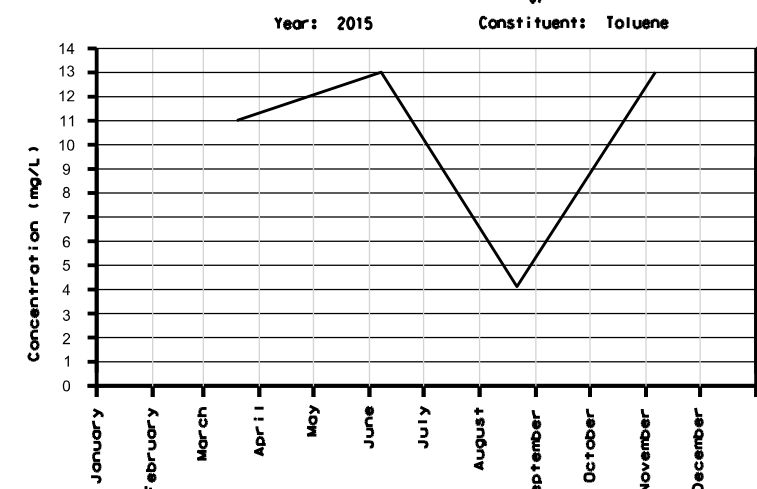
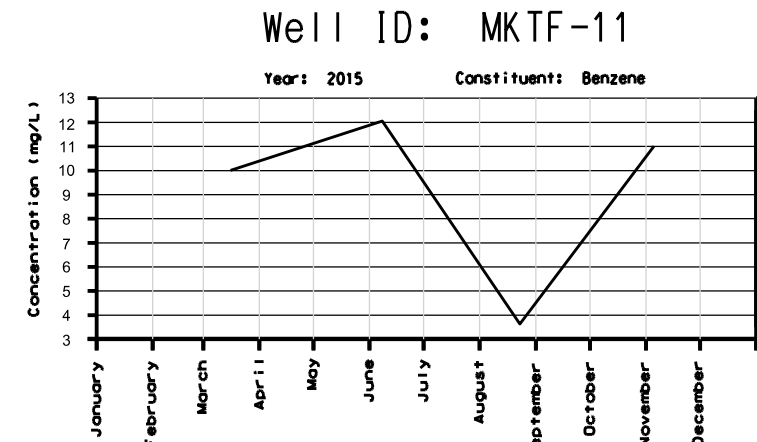
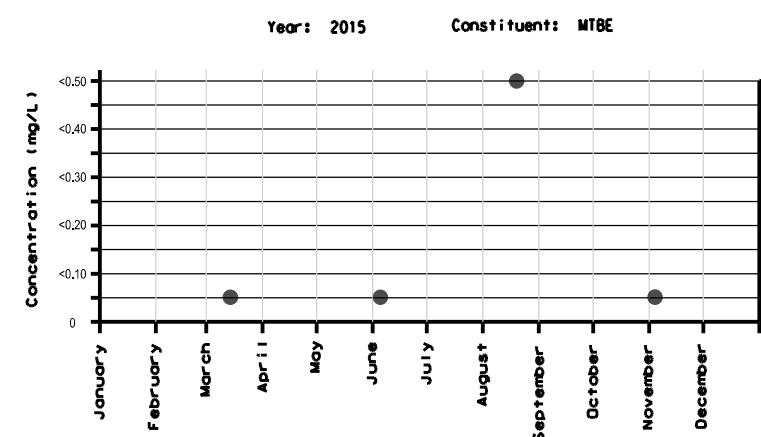
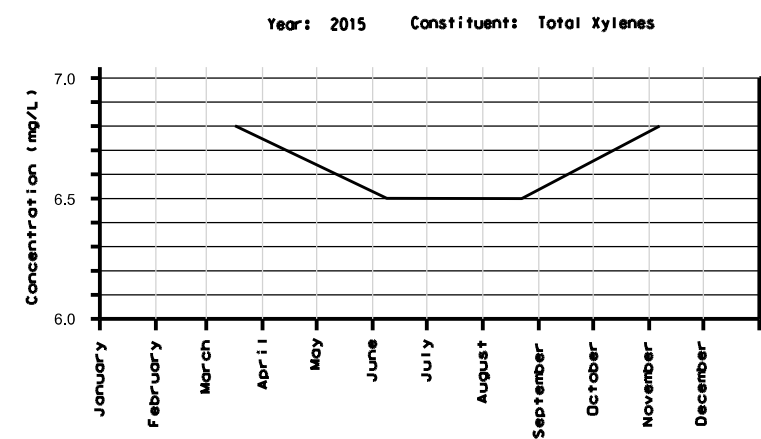
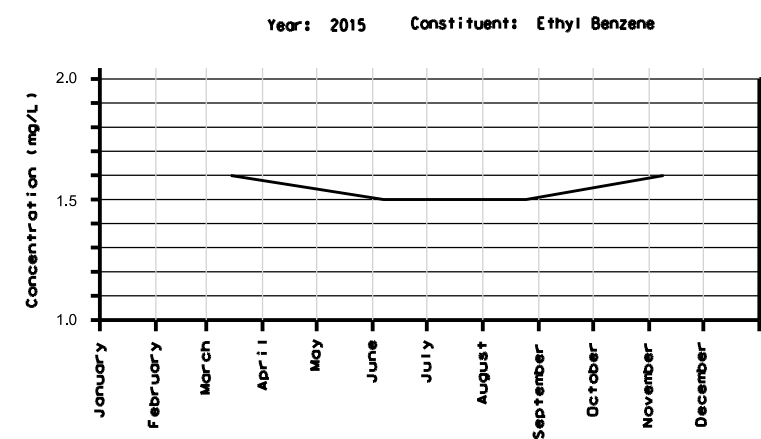
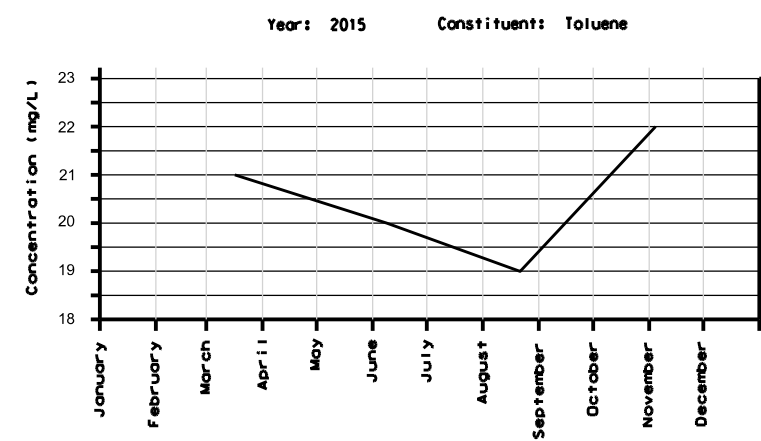
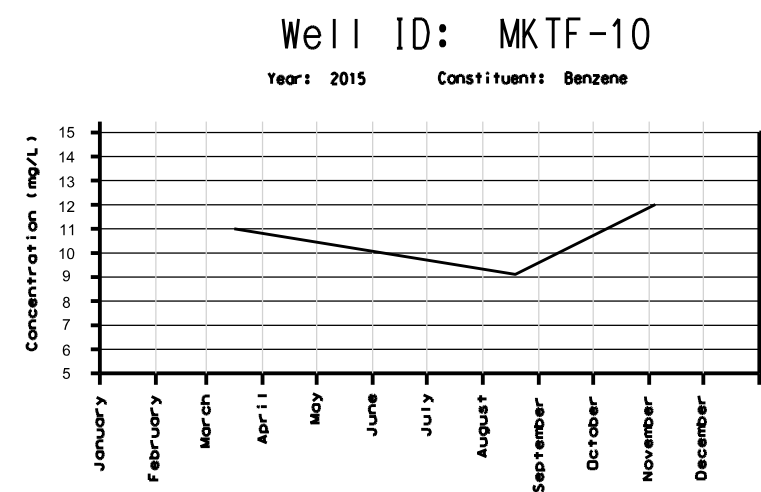


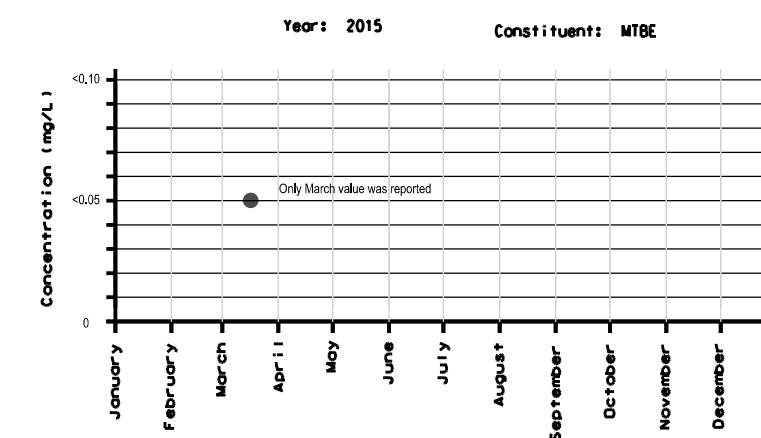
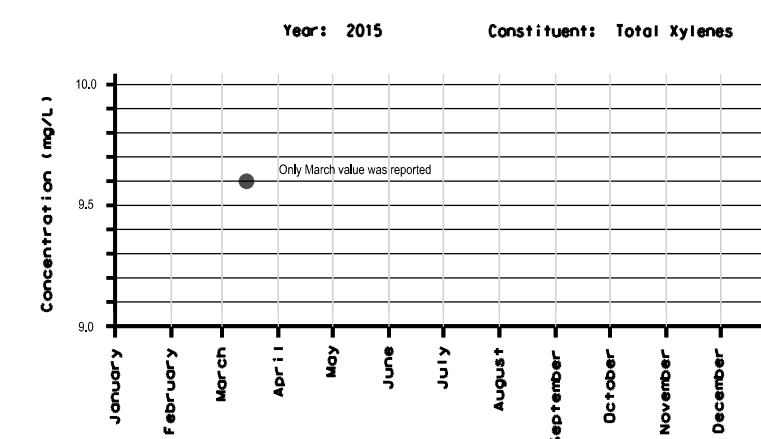
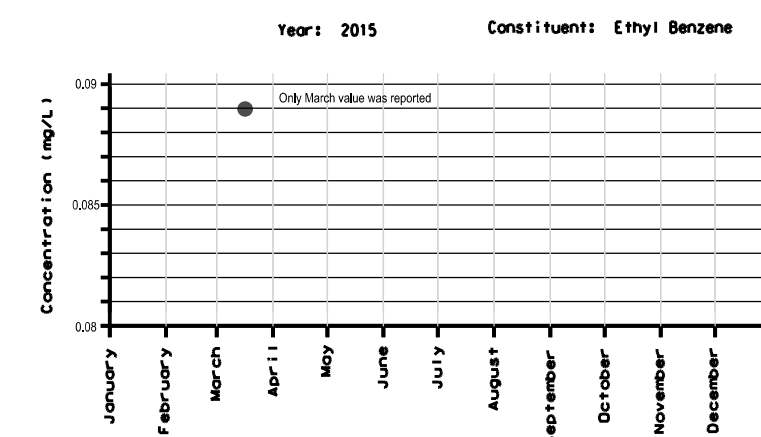
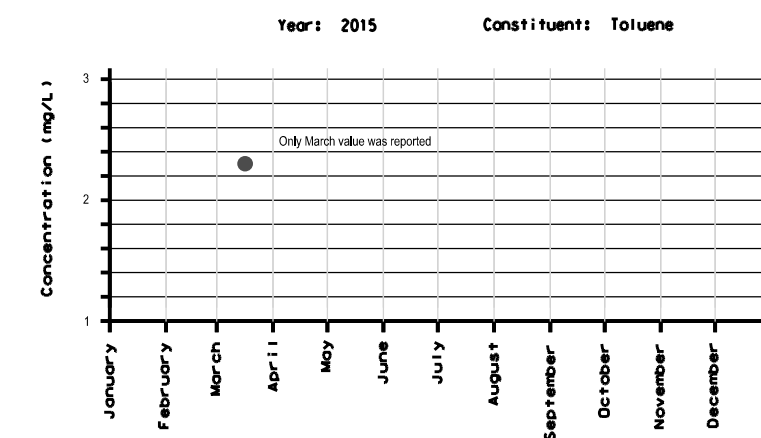
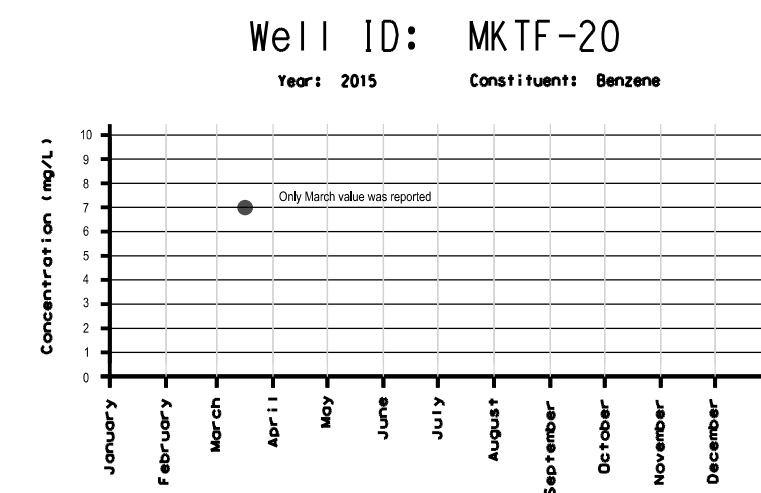
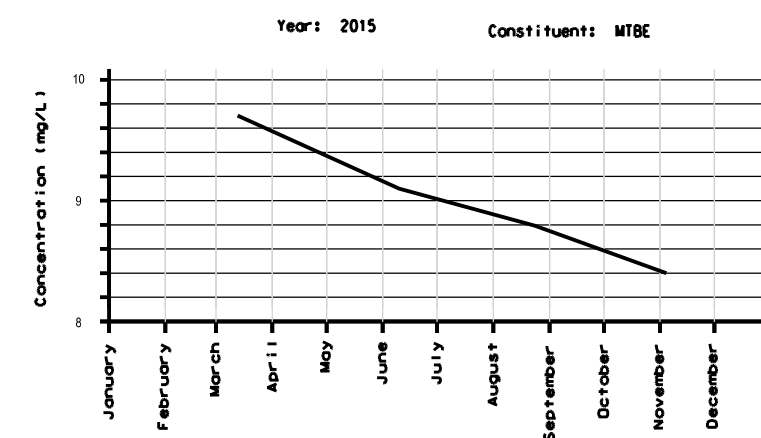
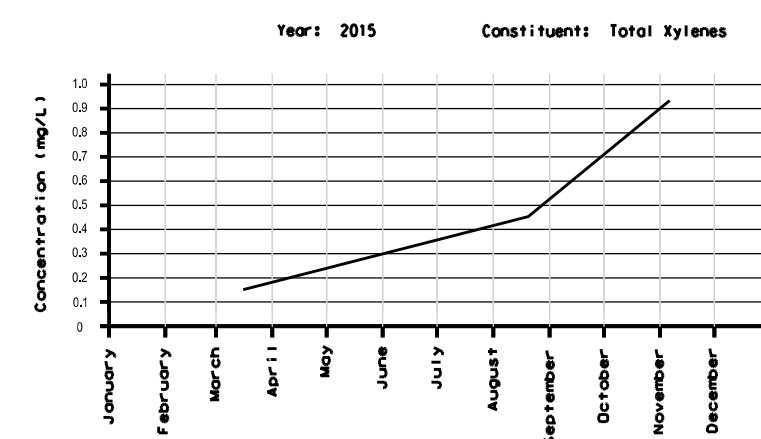
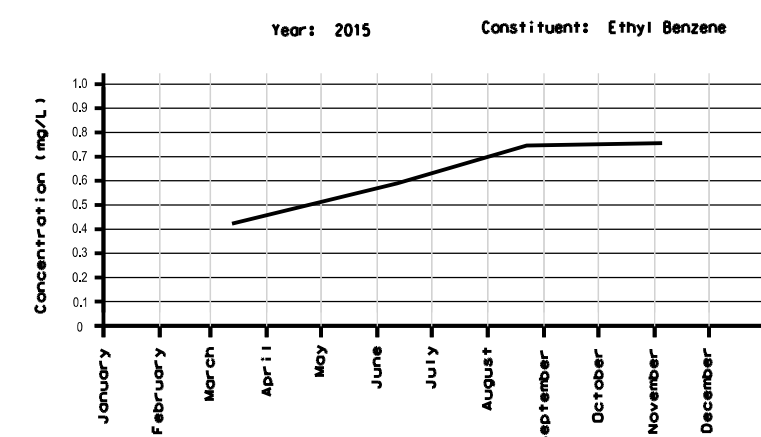
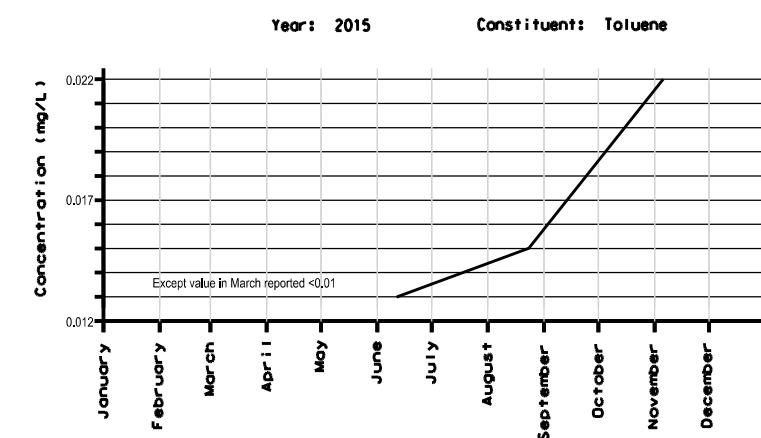
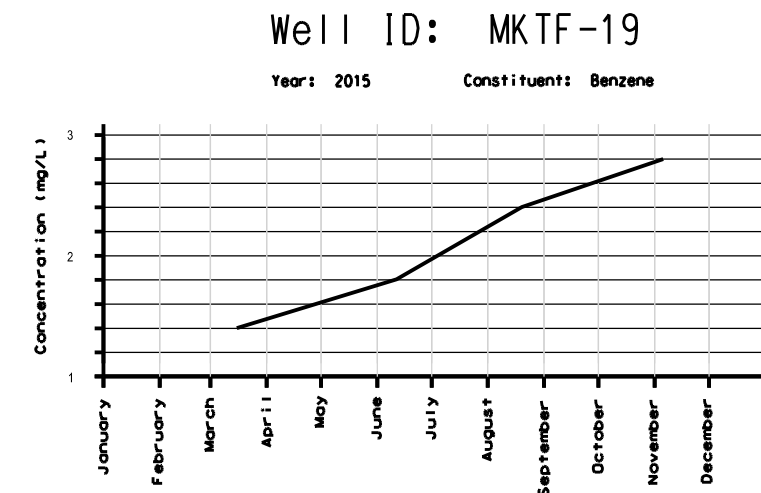
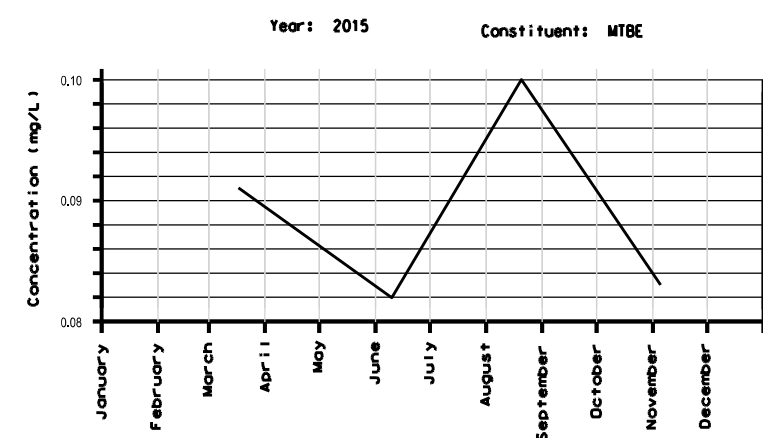
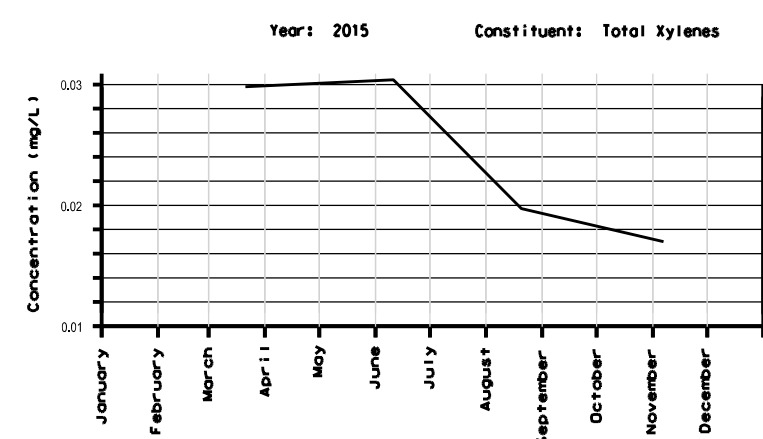
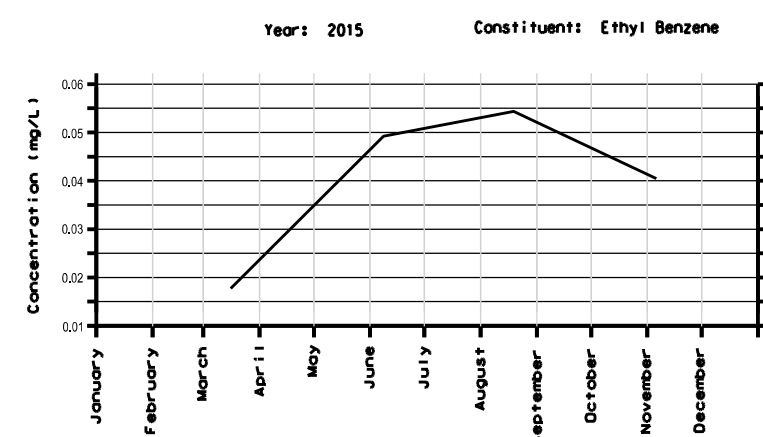
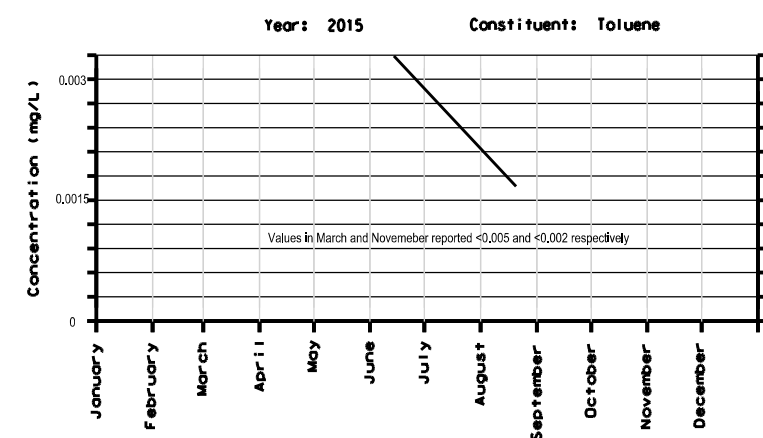
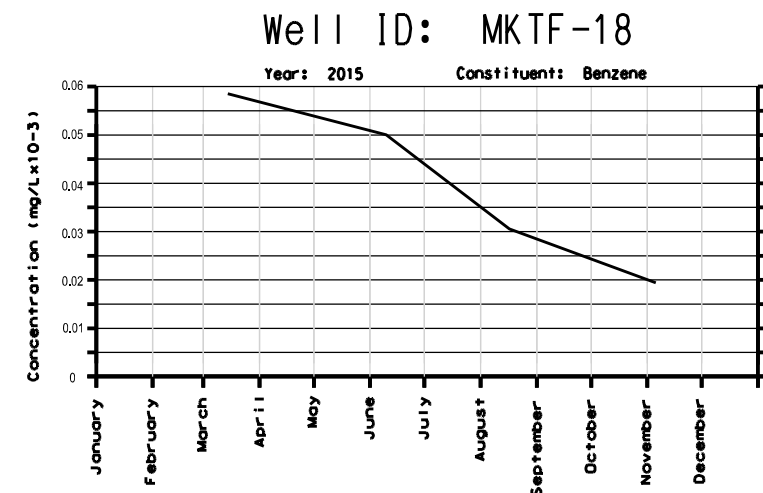
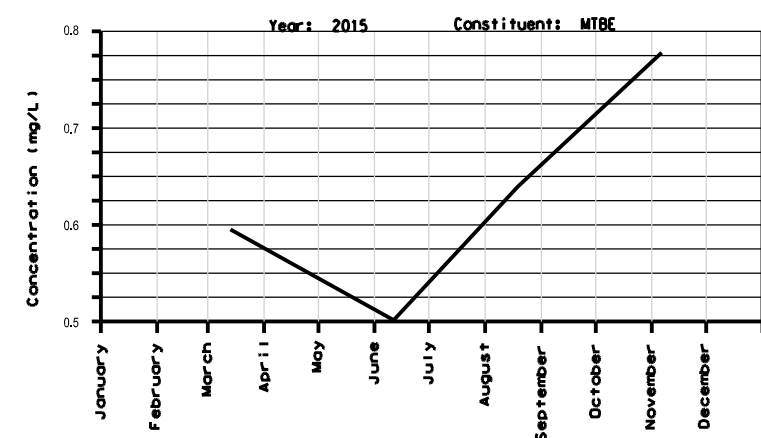
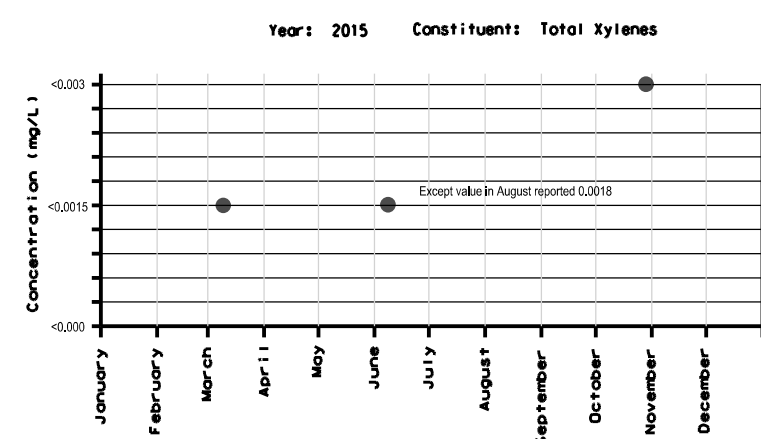
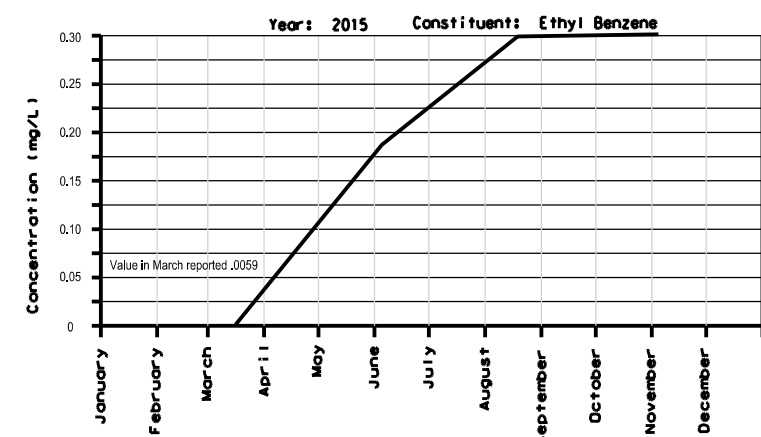
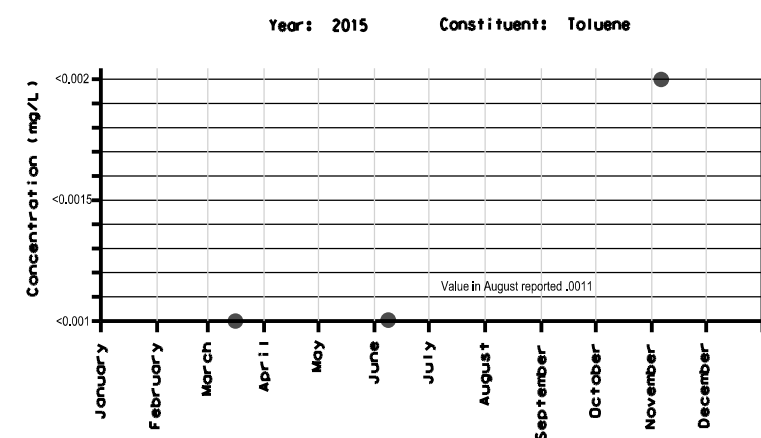
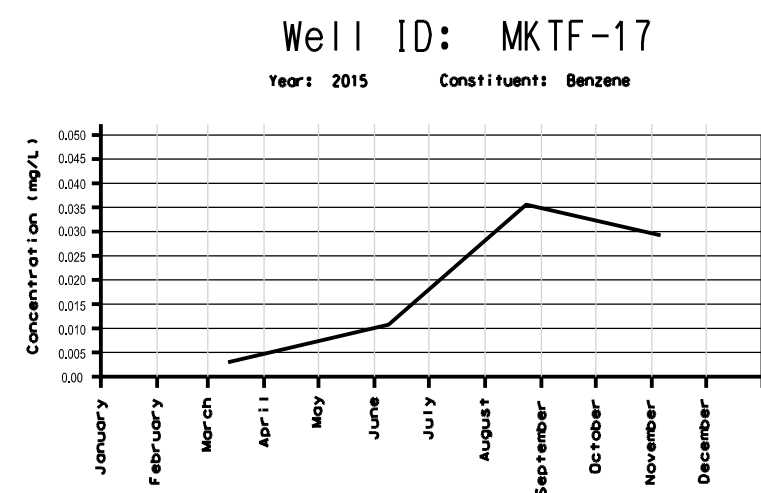
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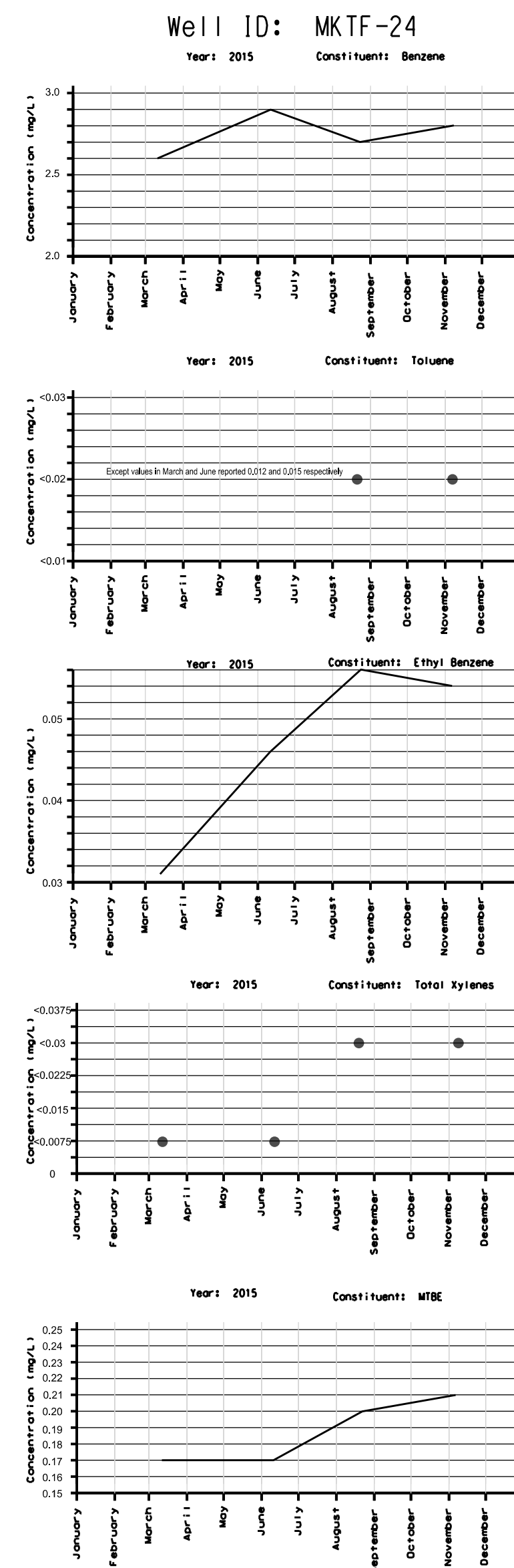
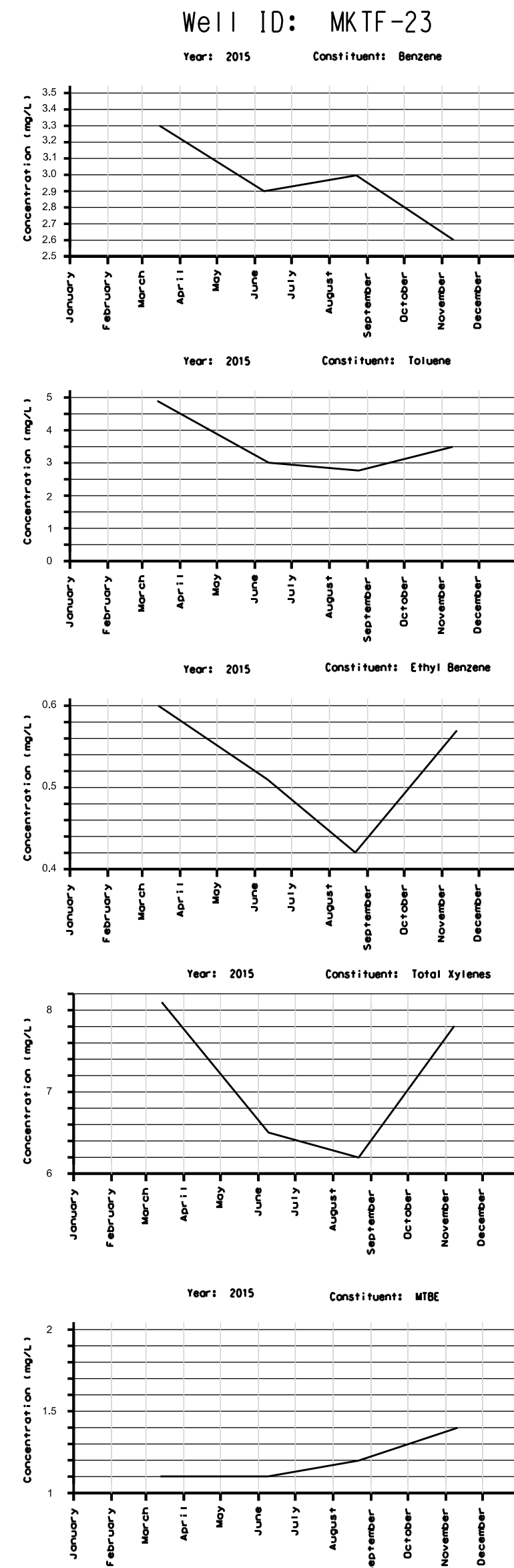
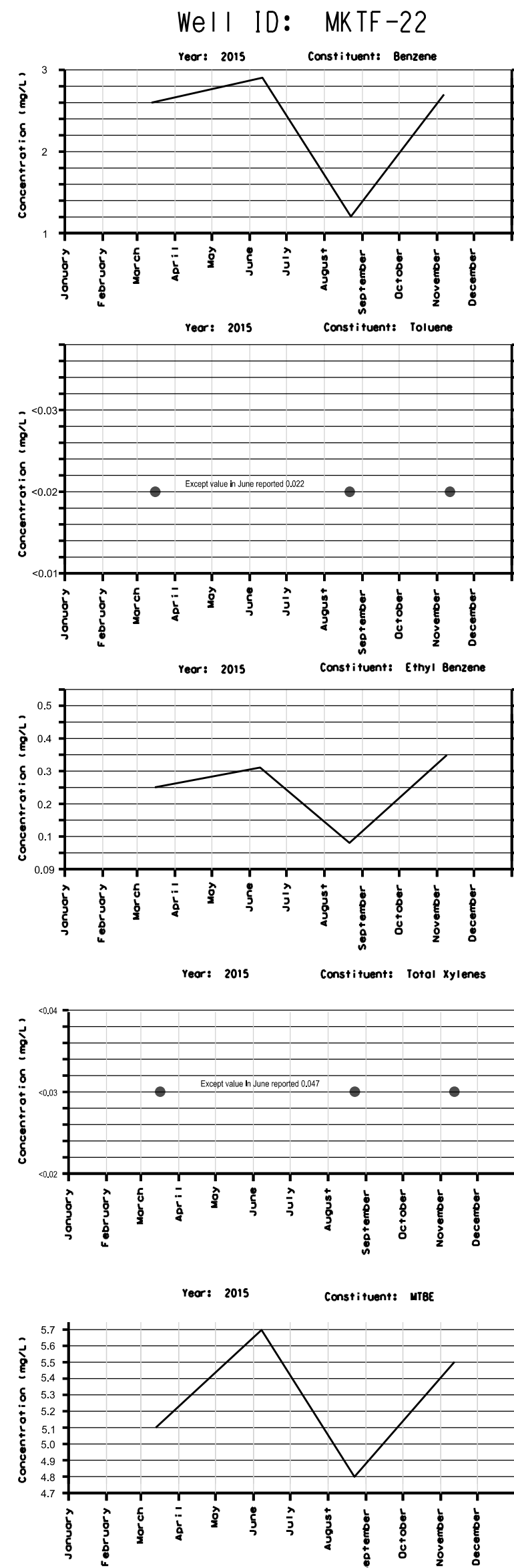
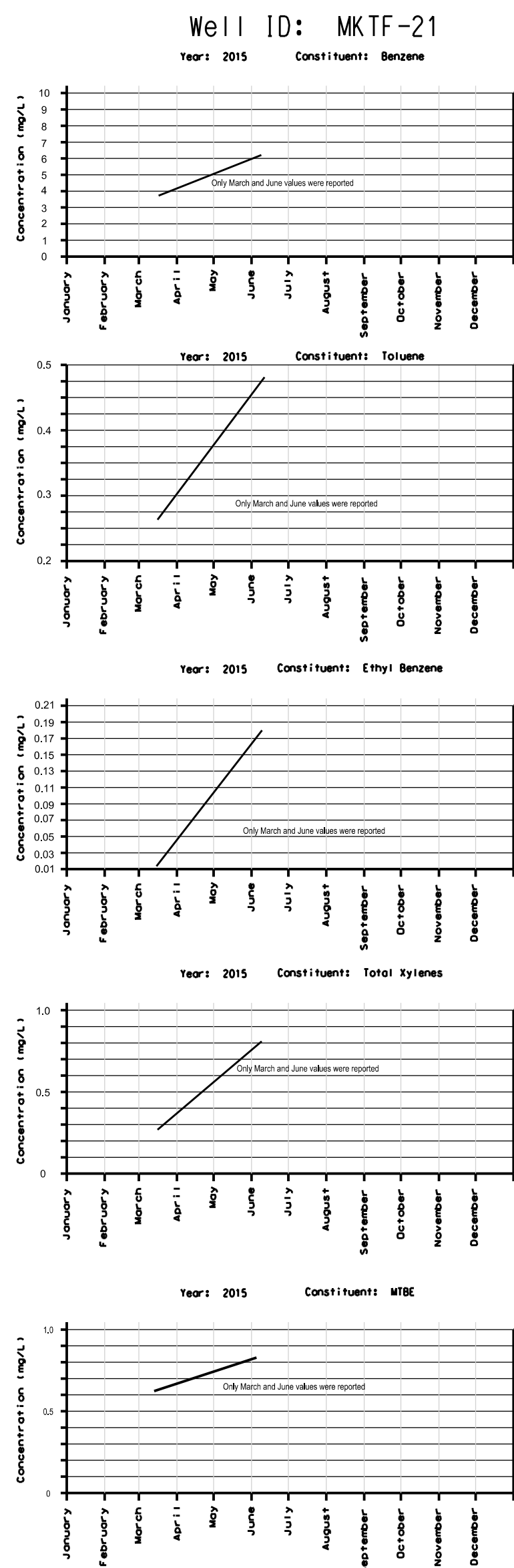
WELL GROUP E CONSTITUENTS - 2015
WESTERN REFINING - GALLUP REFINERY

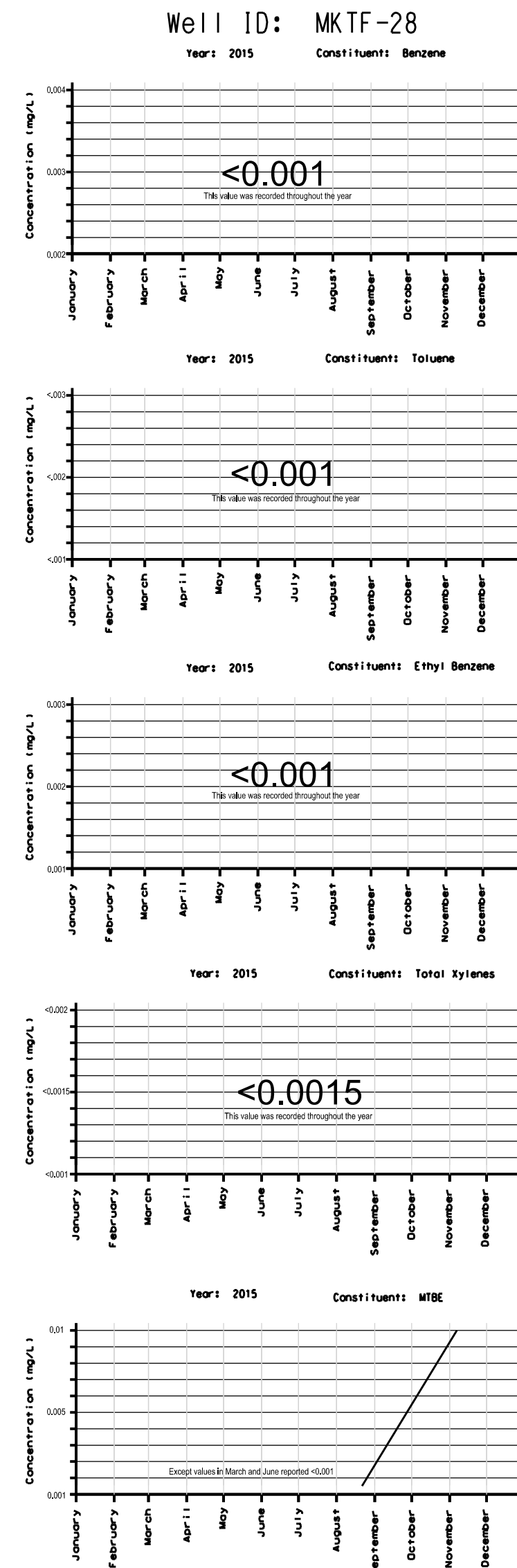
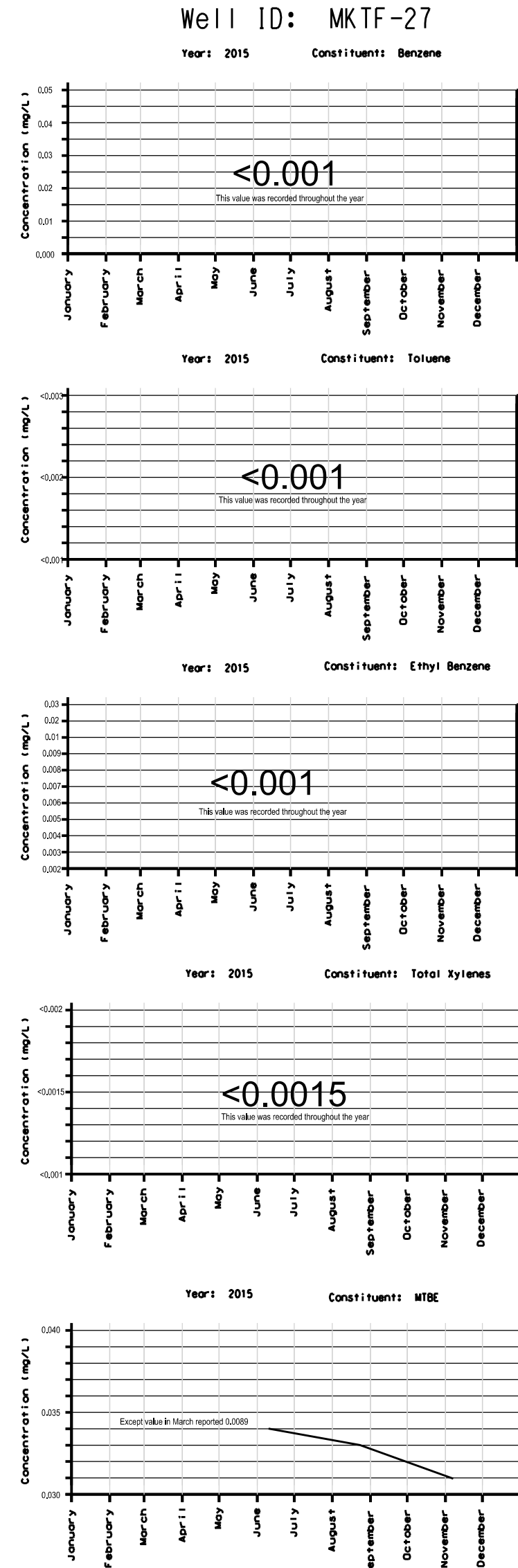
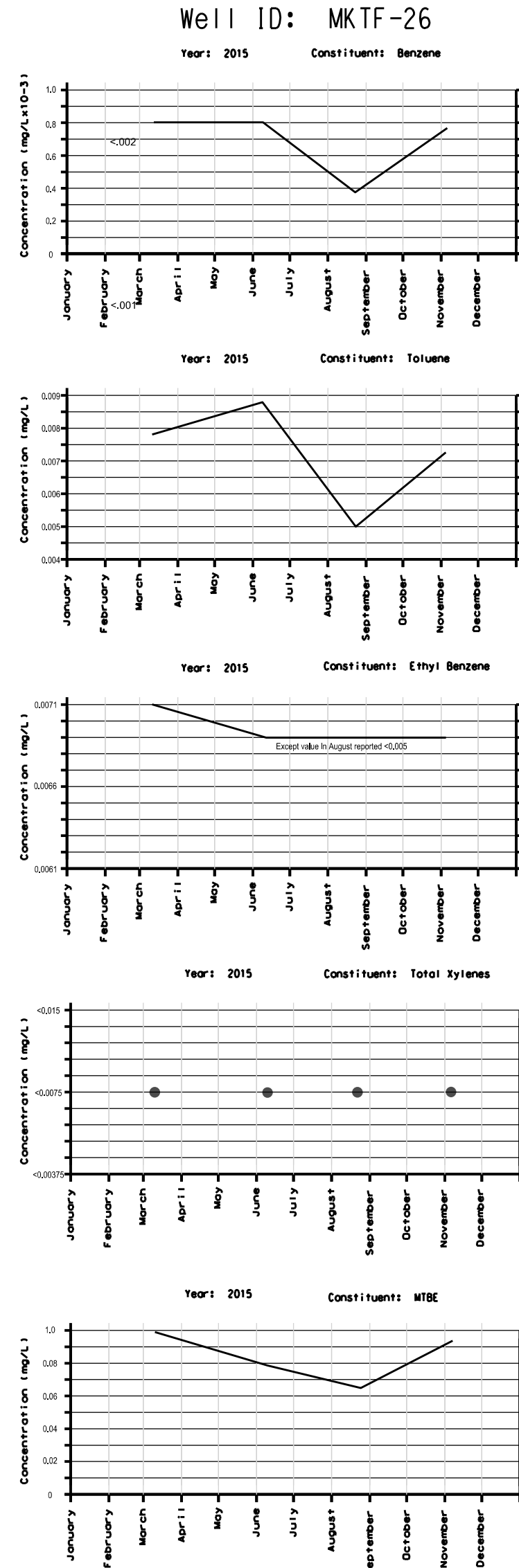
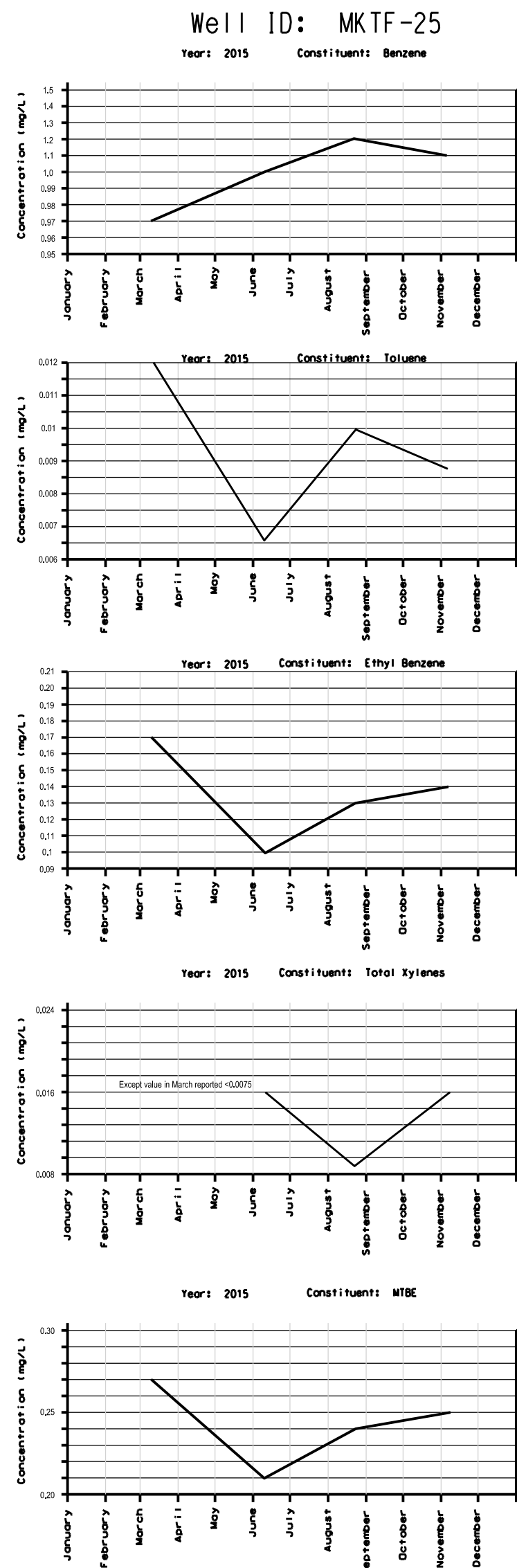
Western Refining - Gallup Refinery
92 Giant Crossing Road
Gallup, New Mexico 87301
Date: August 3, 2016





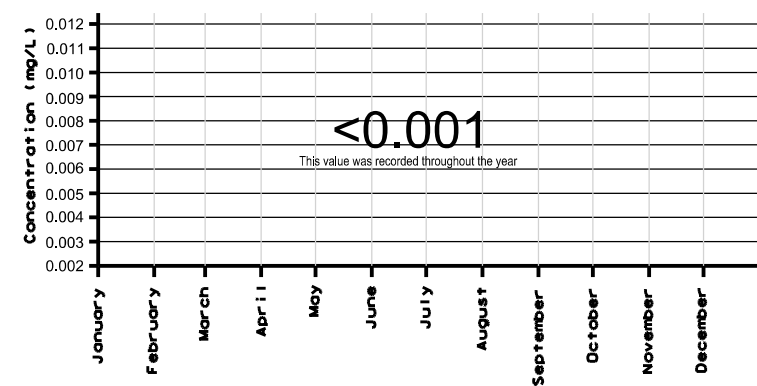




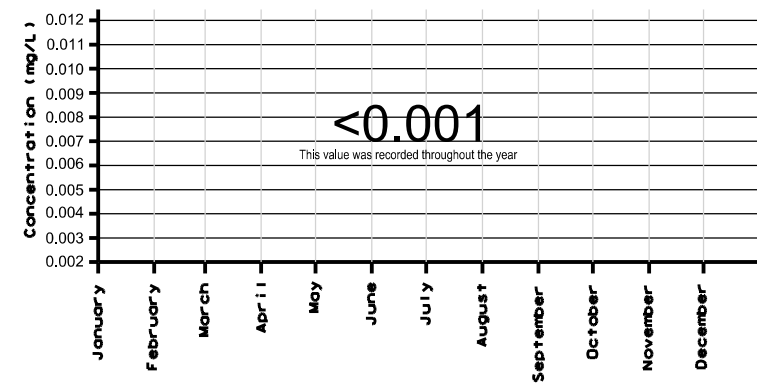


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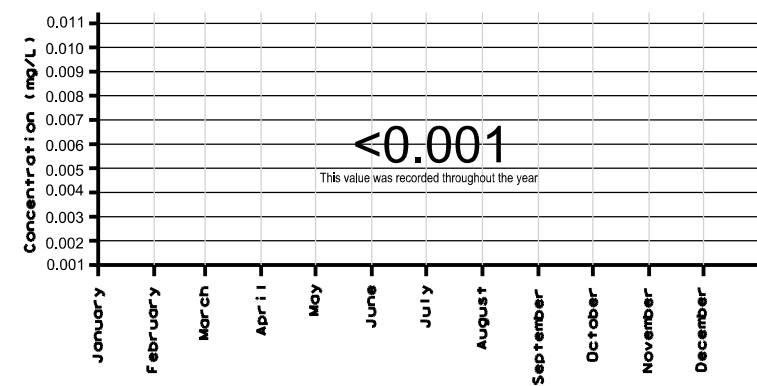
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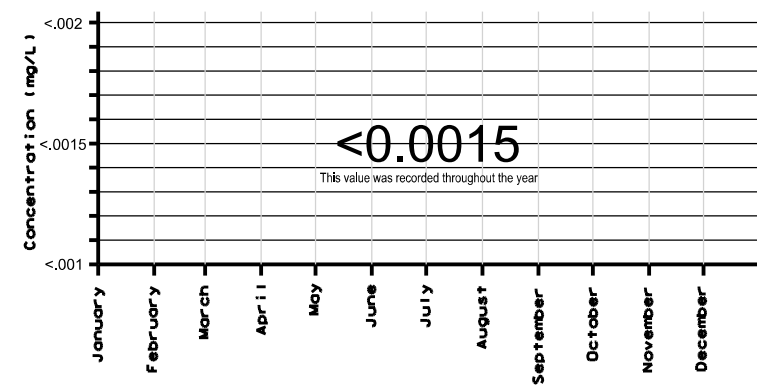
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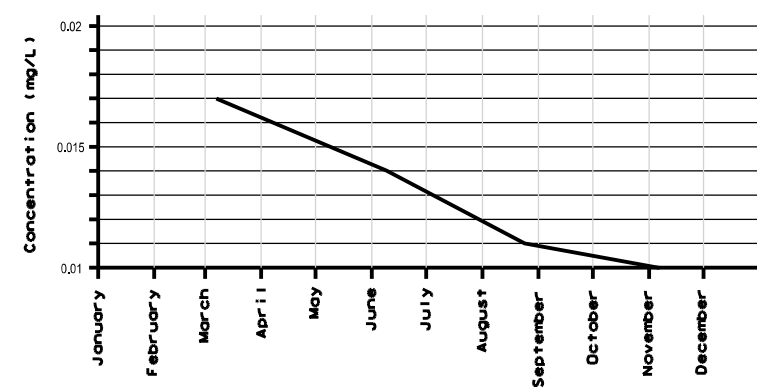
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Year: 2015 Constituent: Total Xylenes

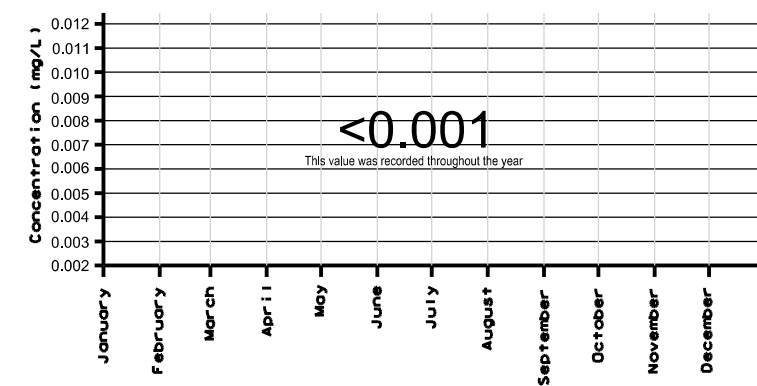


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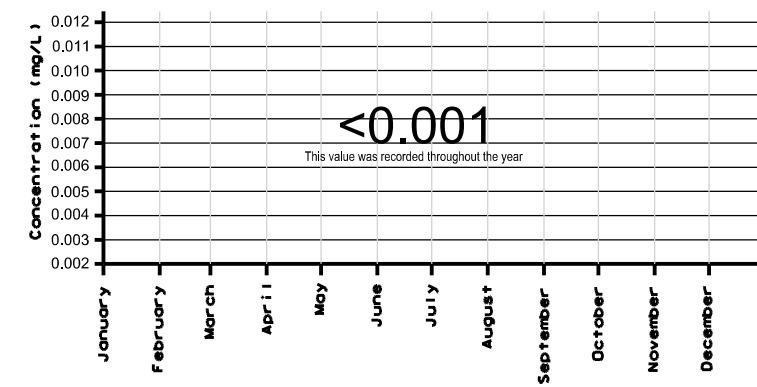


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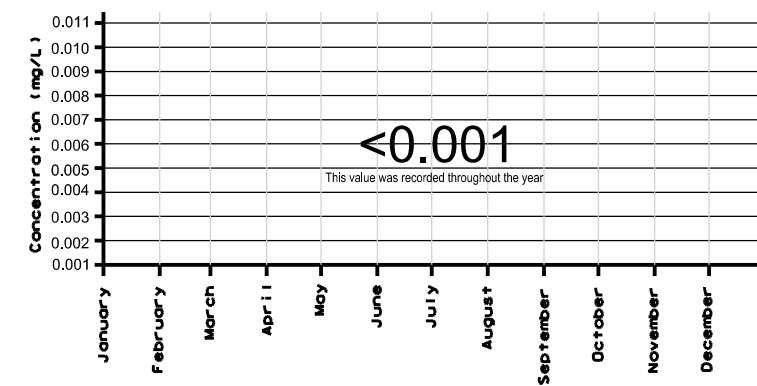
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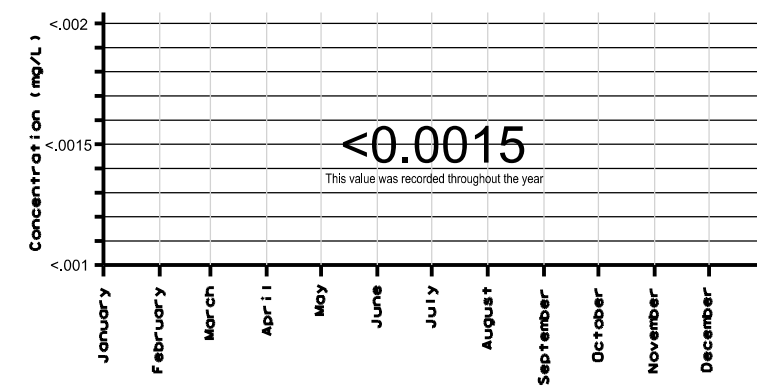
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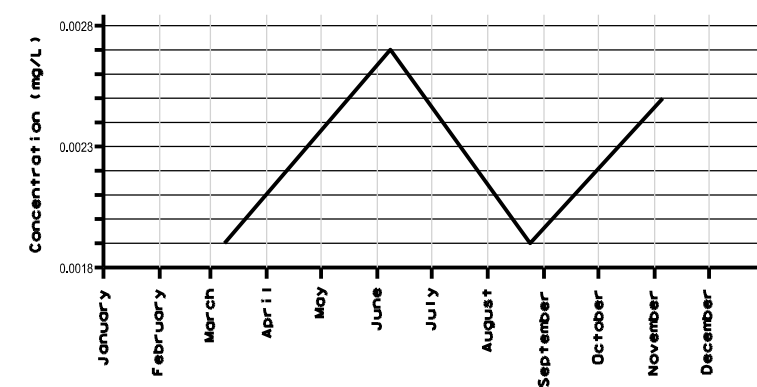
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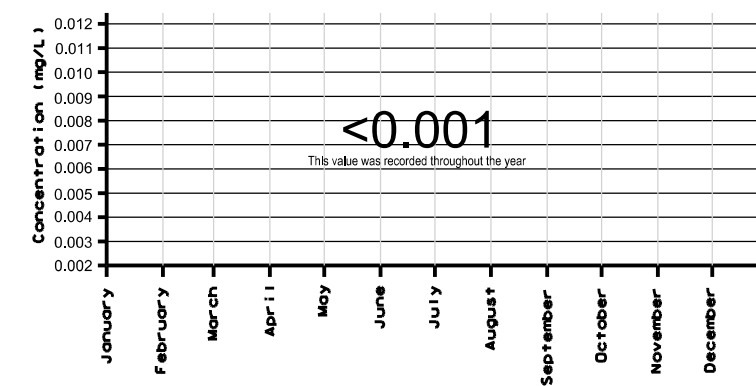


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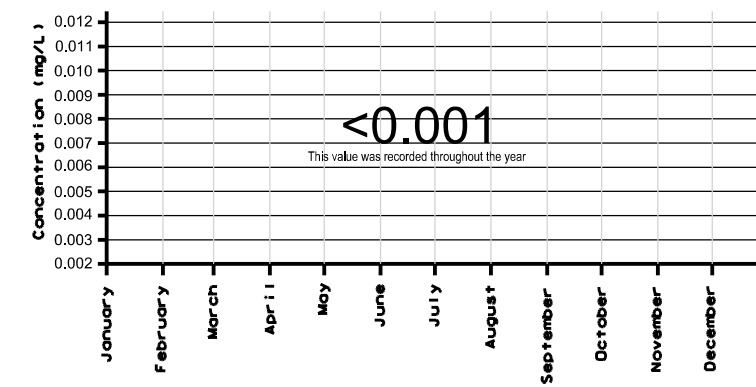


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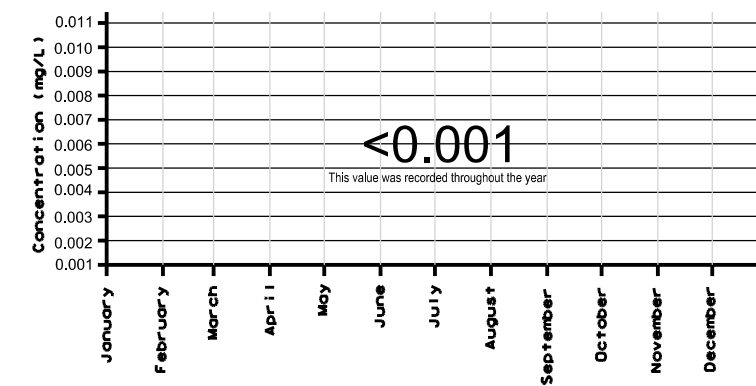
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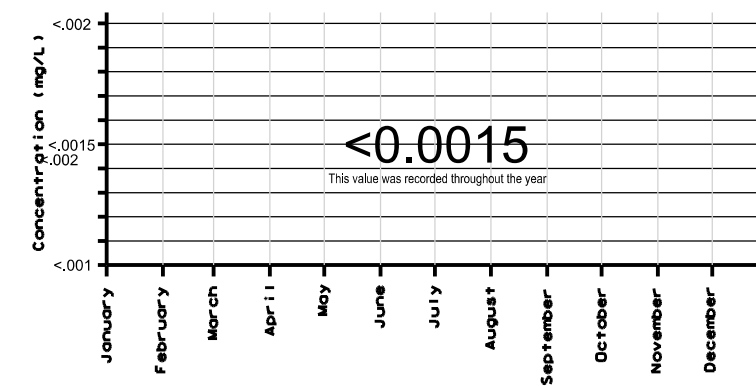
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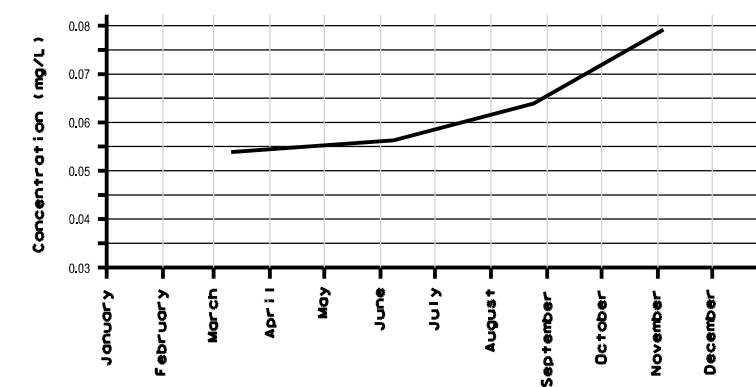
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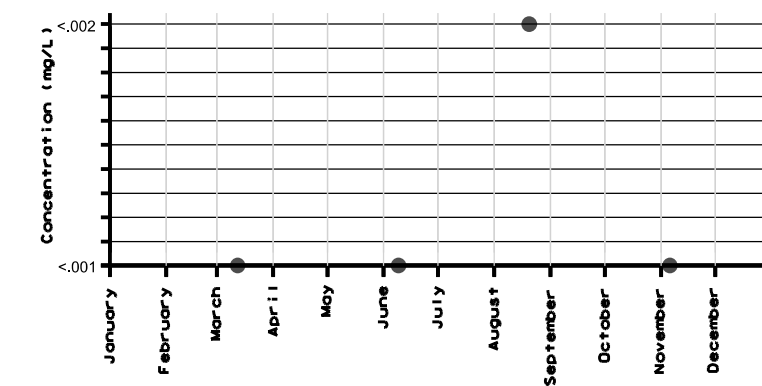


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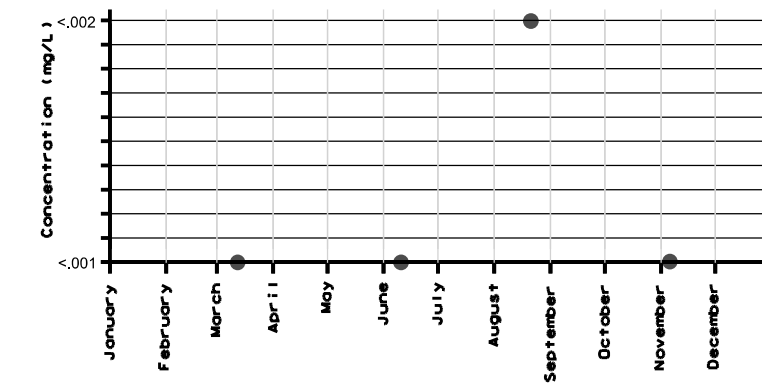


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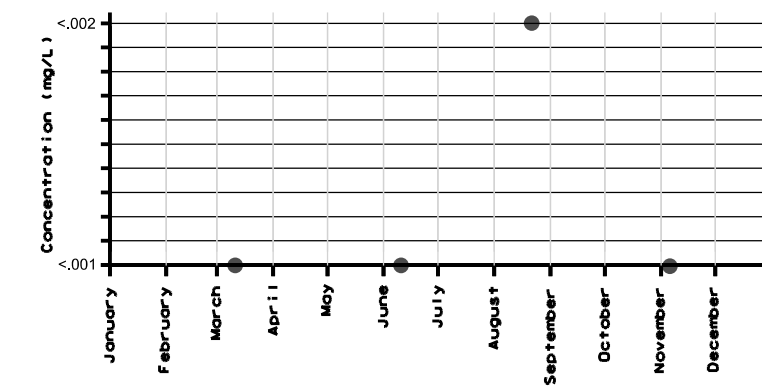
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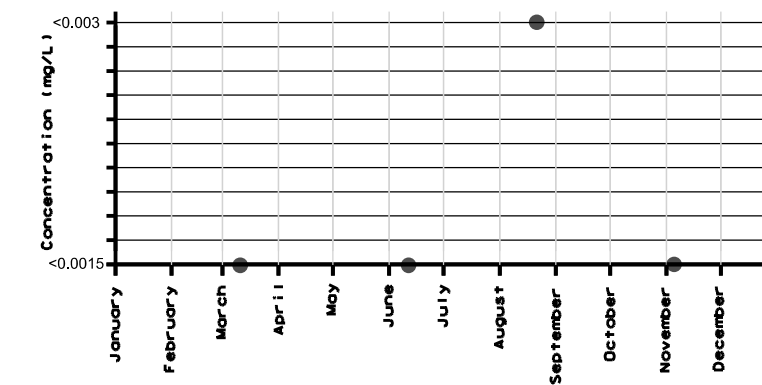
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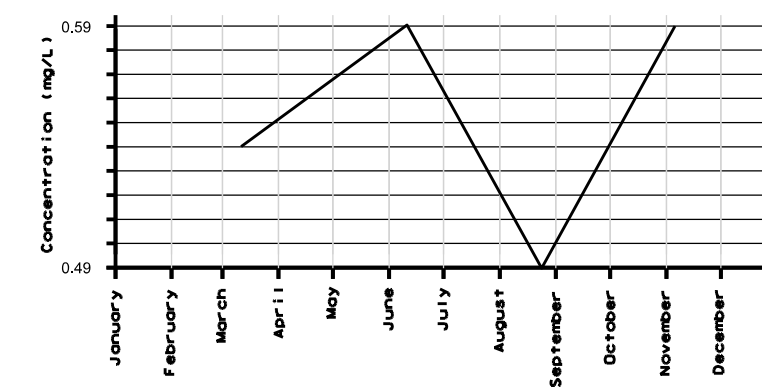
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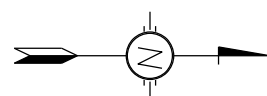
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Year: 2015 Constituent: MTBE



4601 Ripley
El Paso, Texas
79922
915-584-1317



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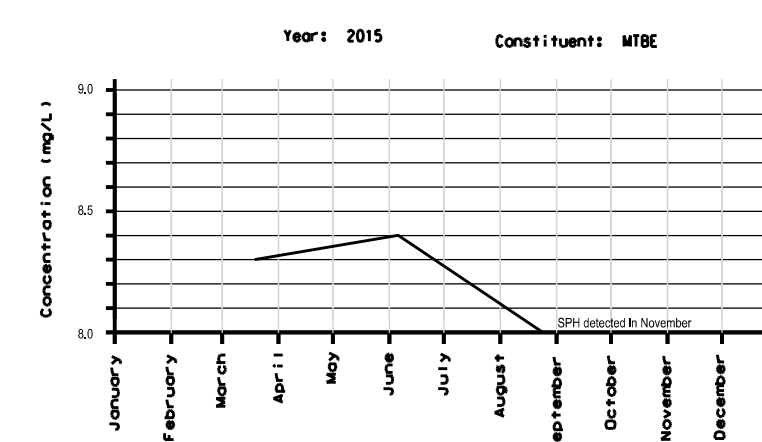
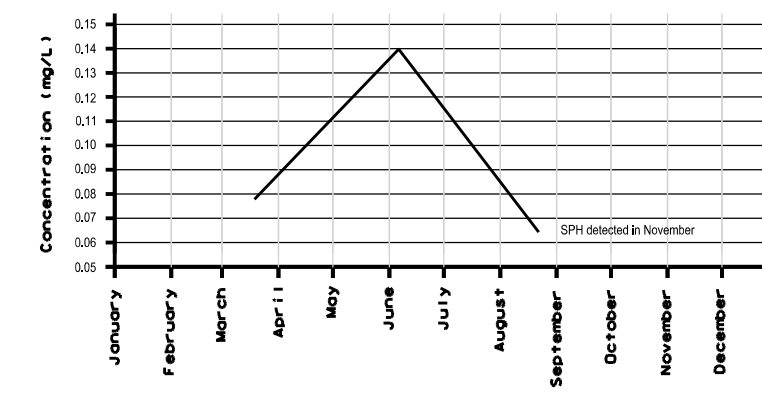
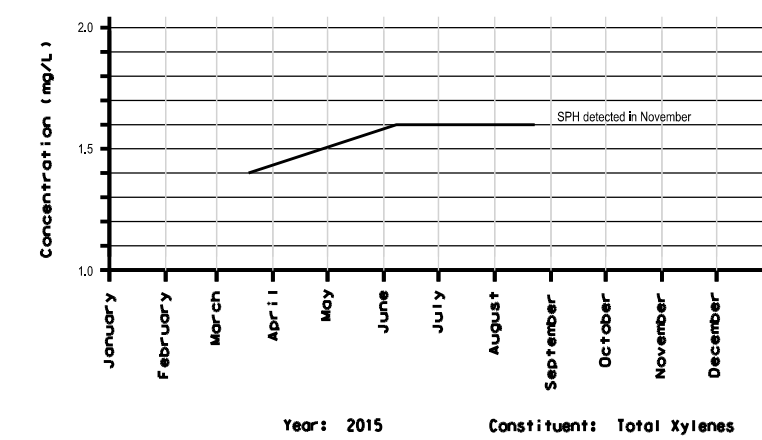
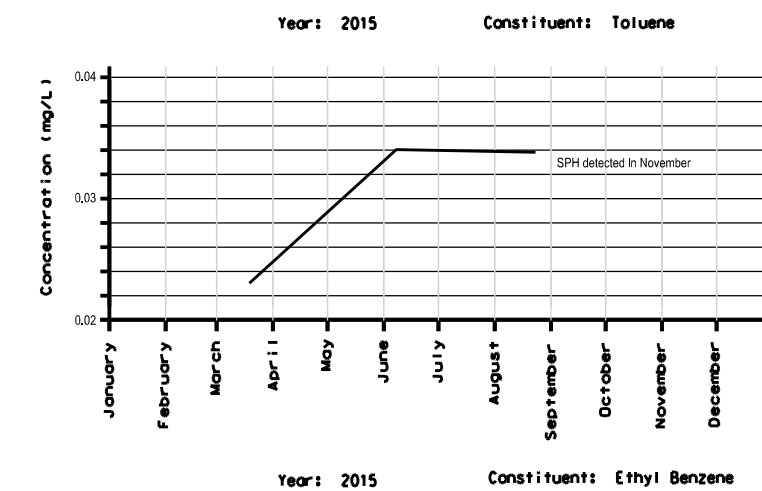
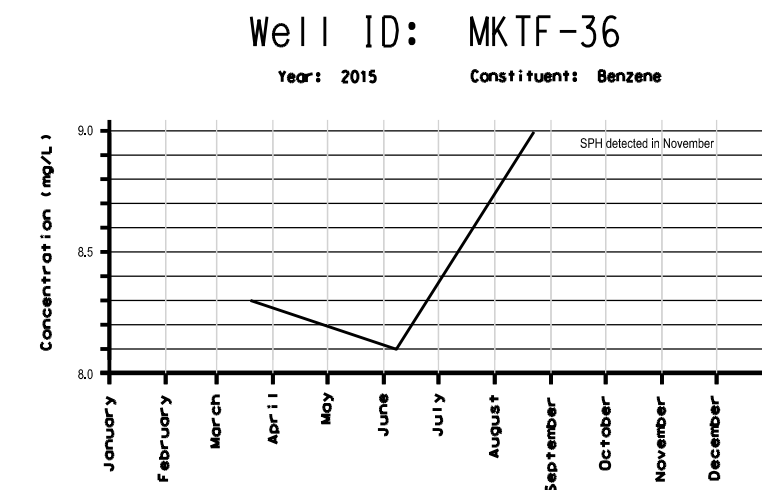
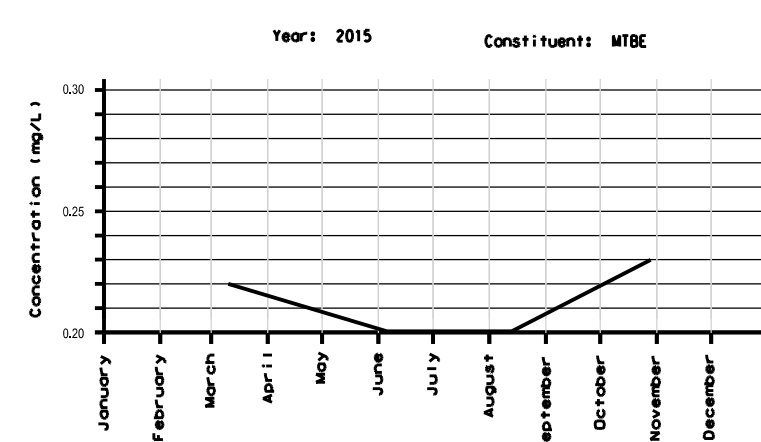
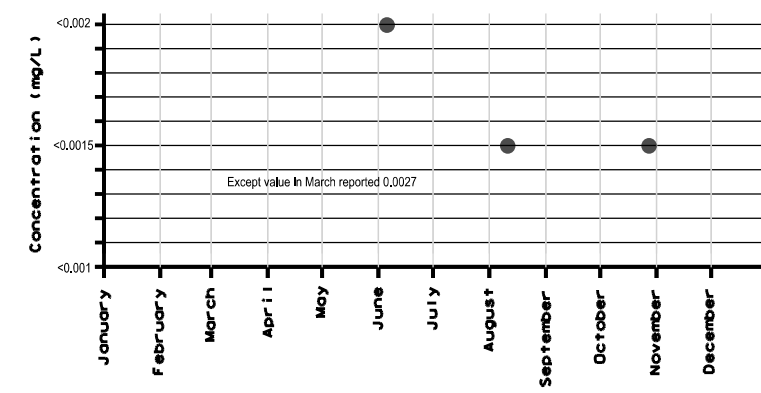
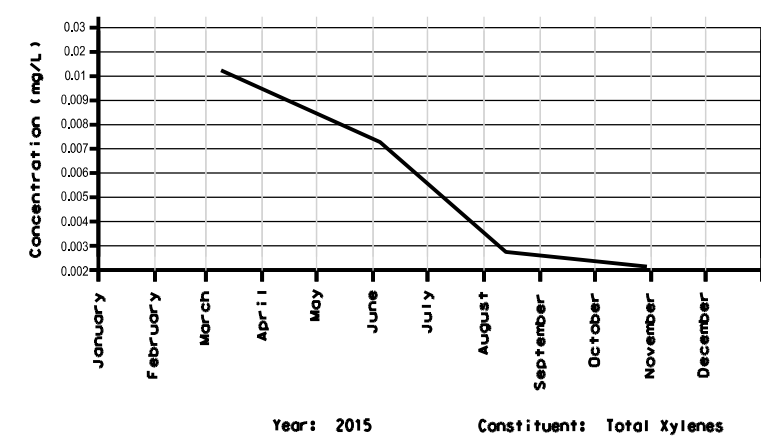
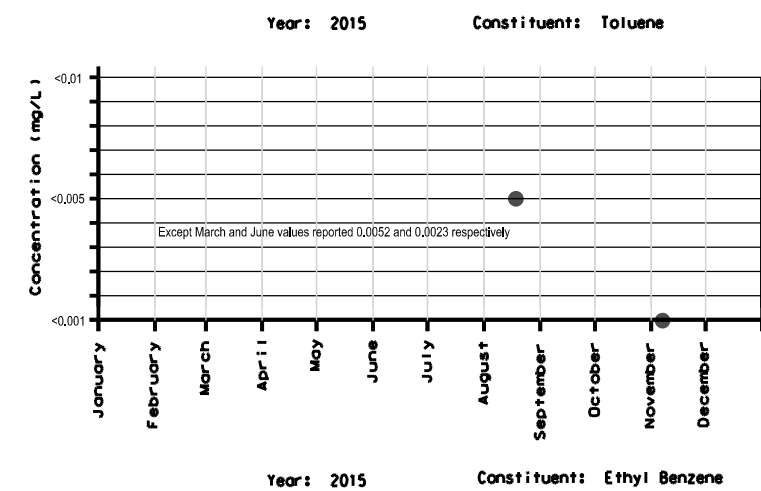
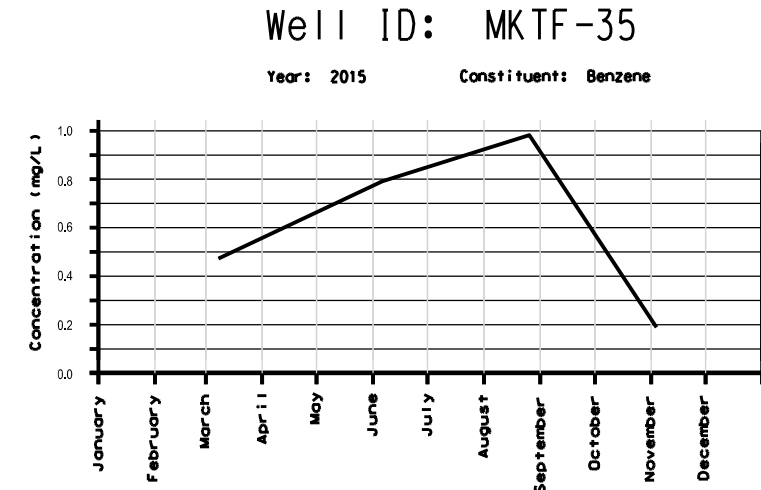
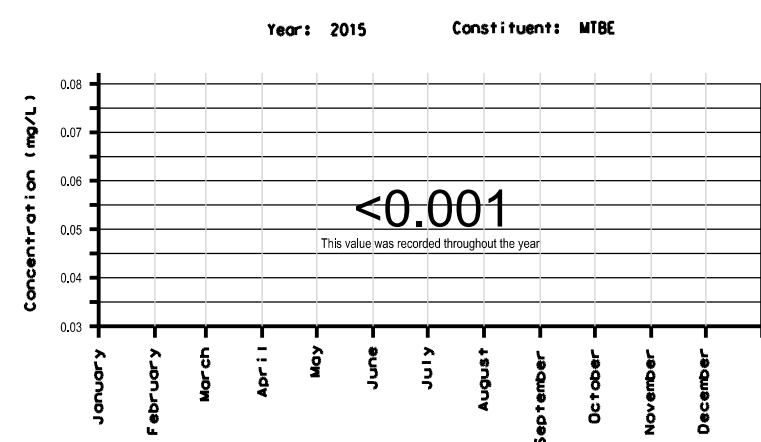
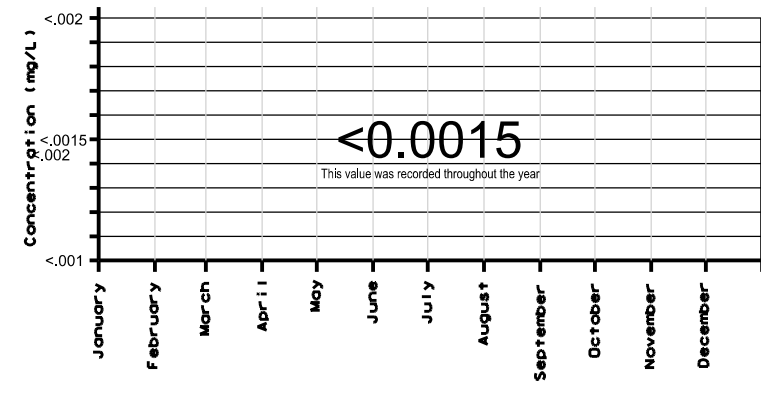
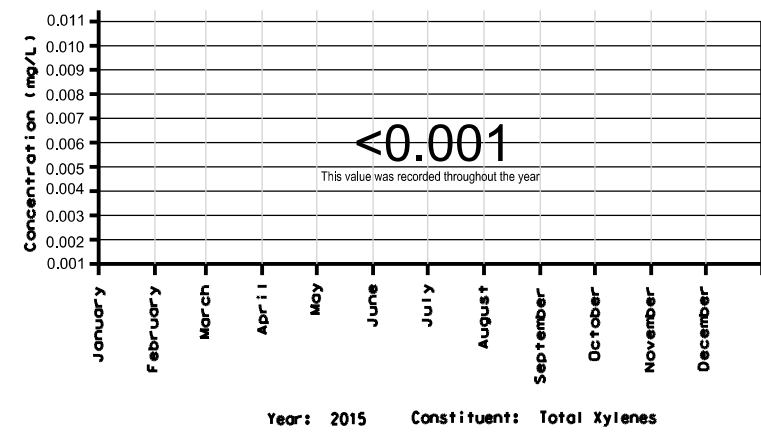
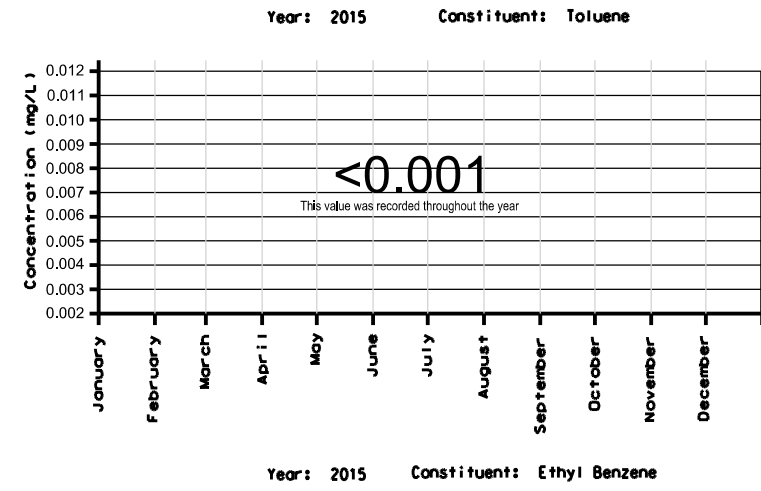
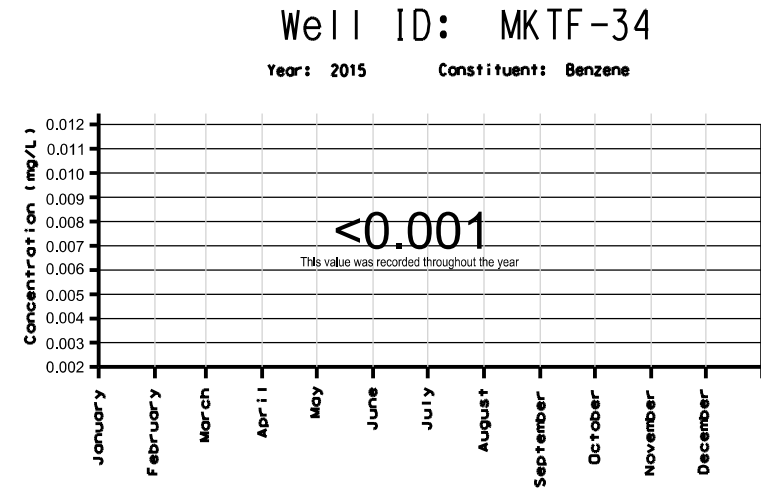
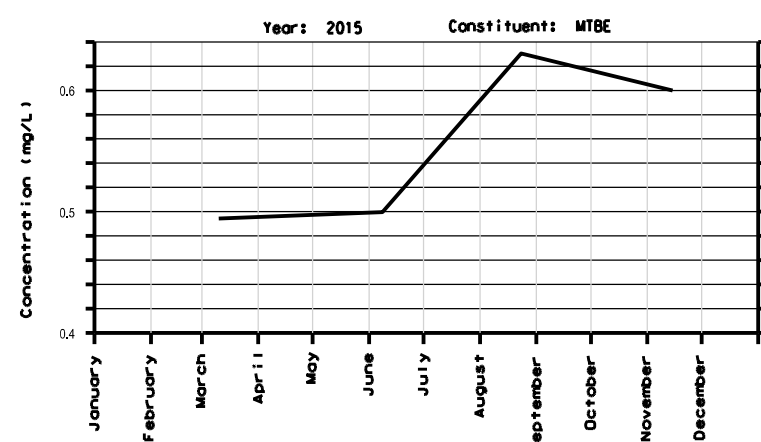
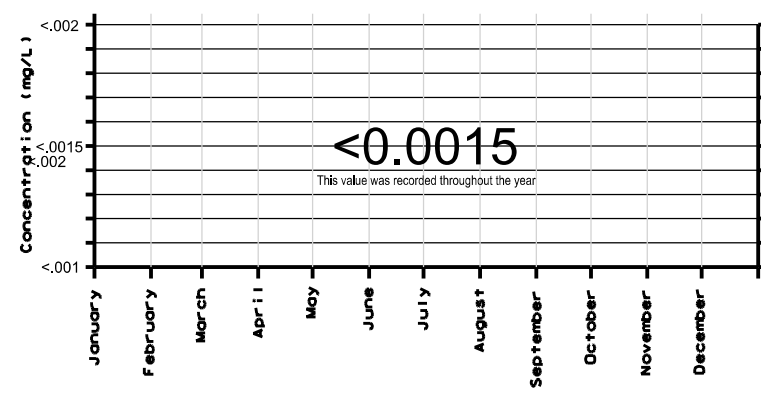
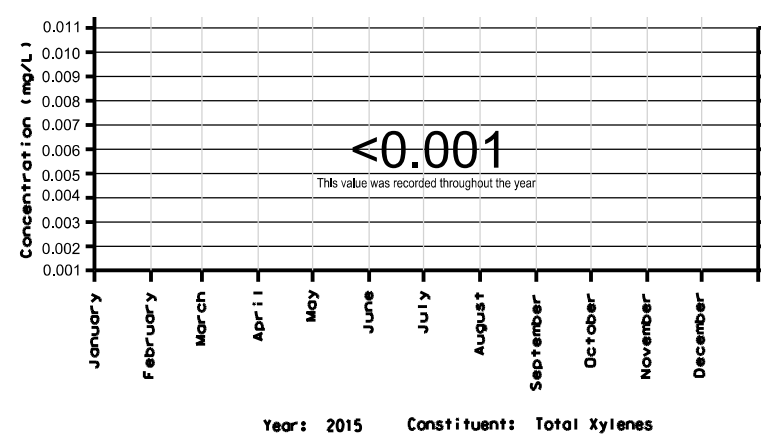
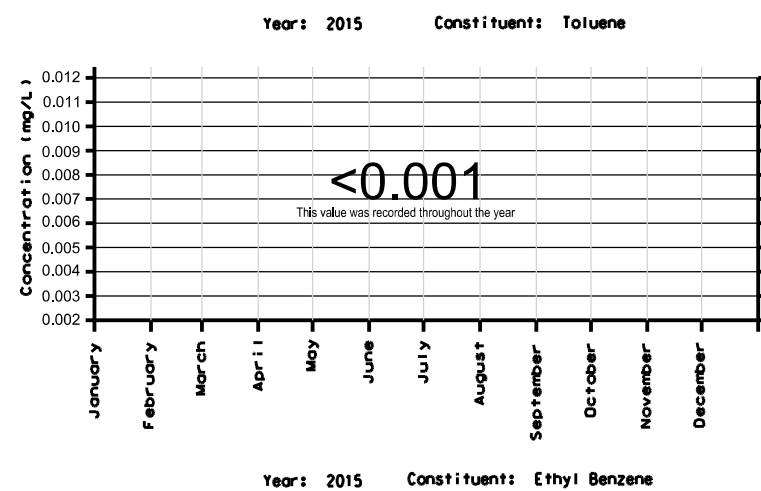
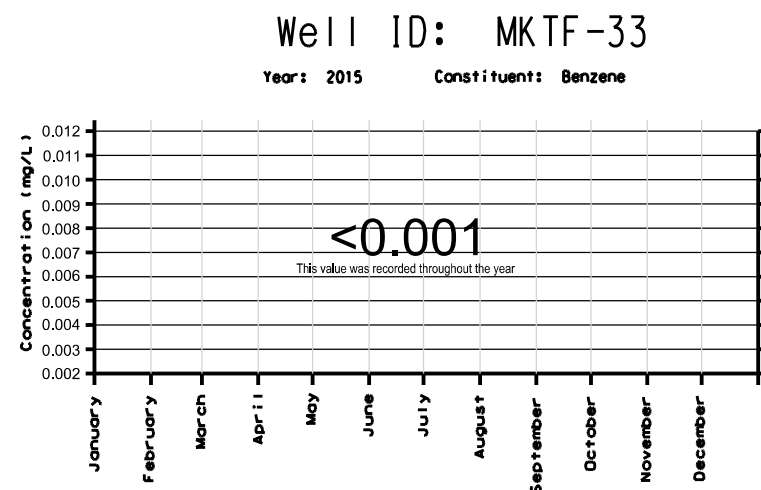
Project #: 06251104

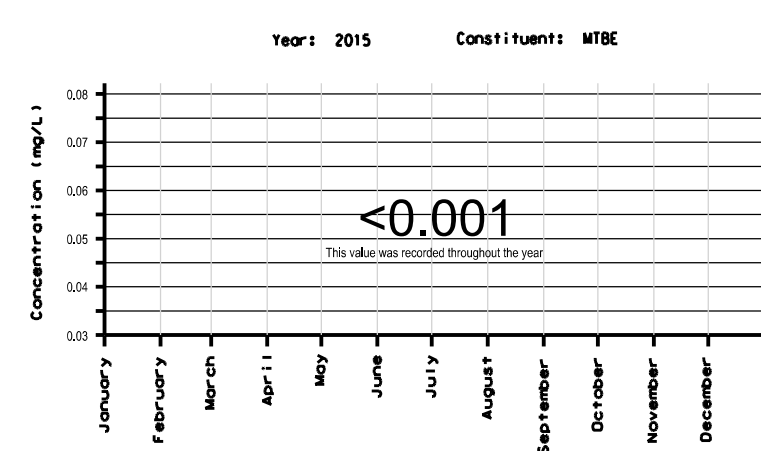
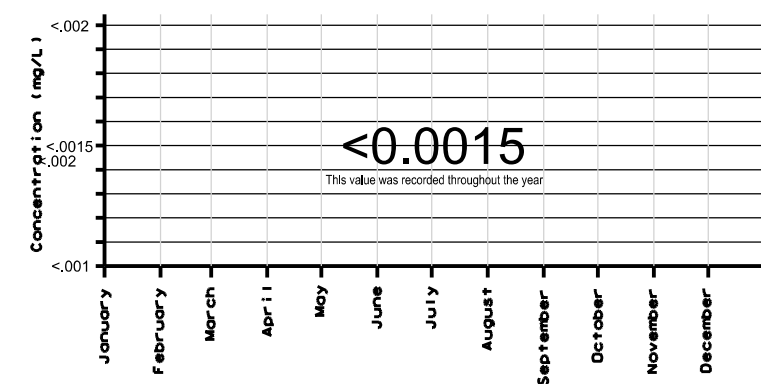
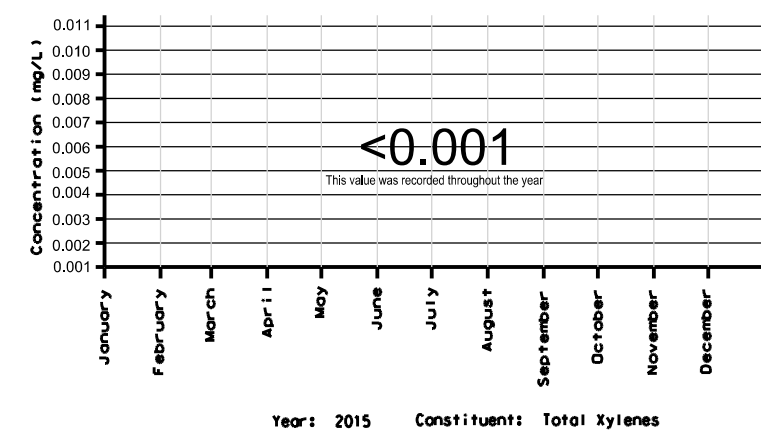
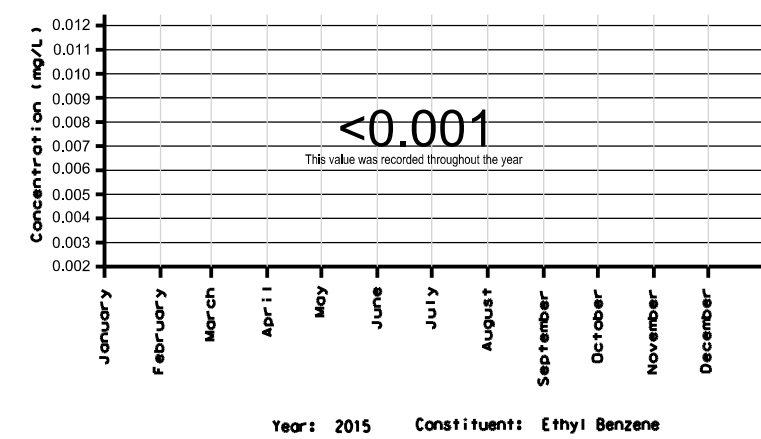
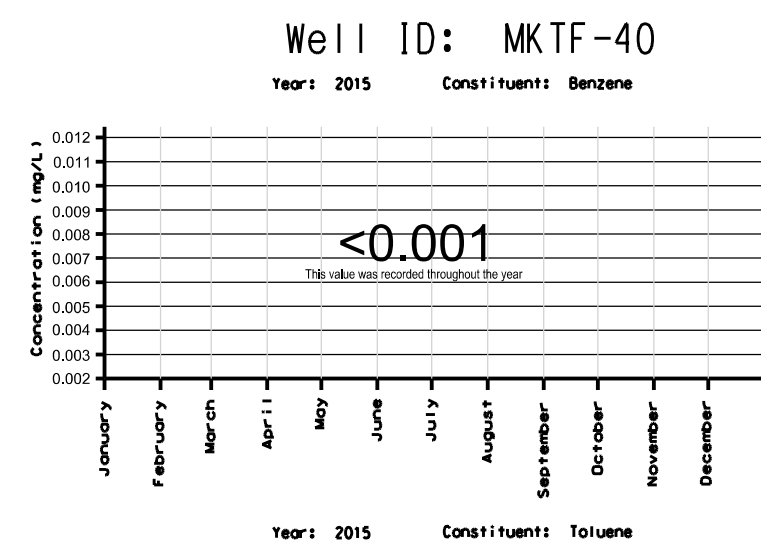
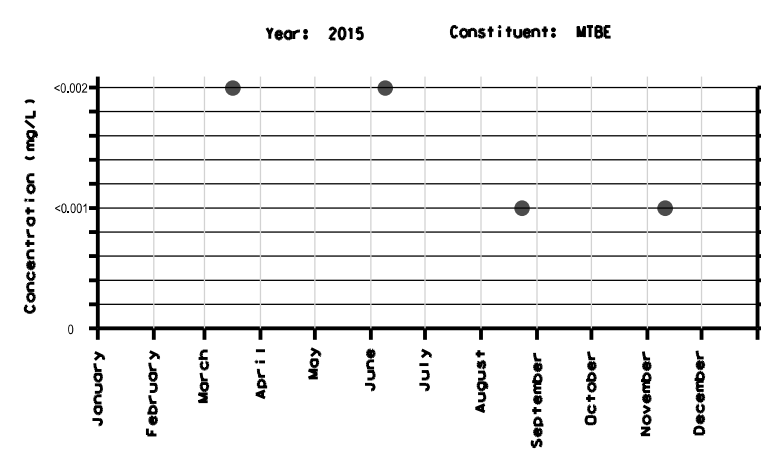
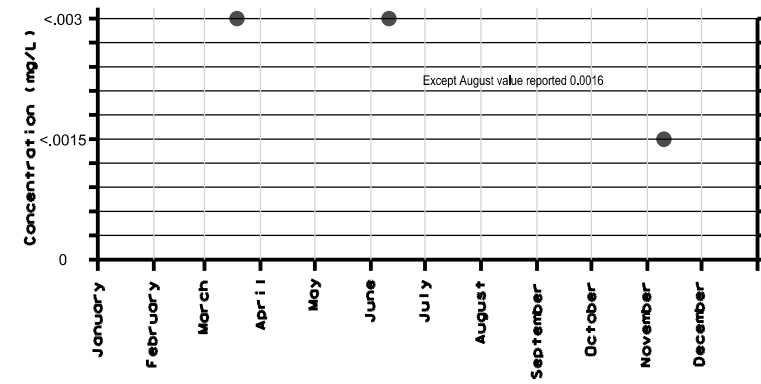
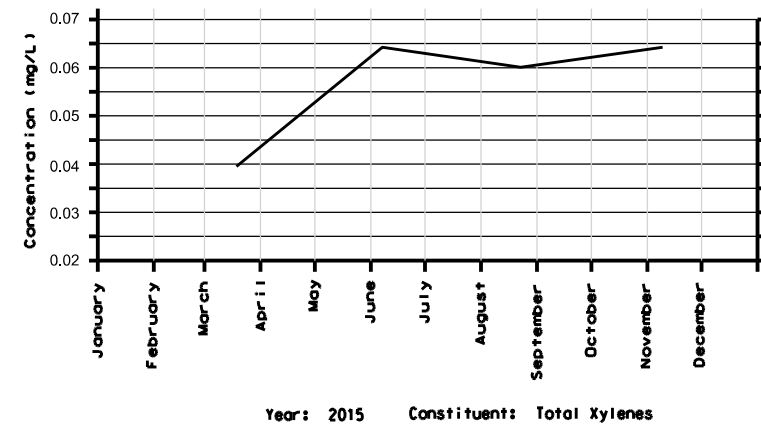
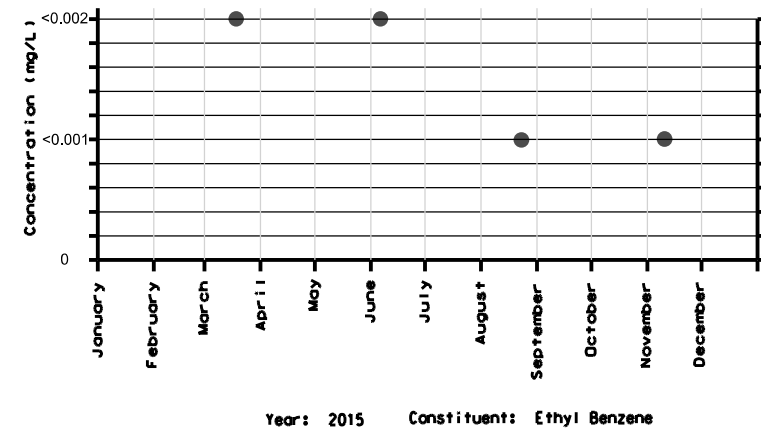
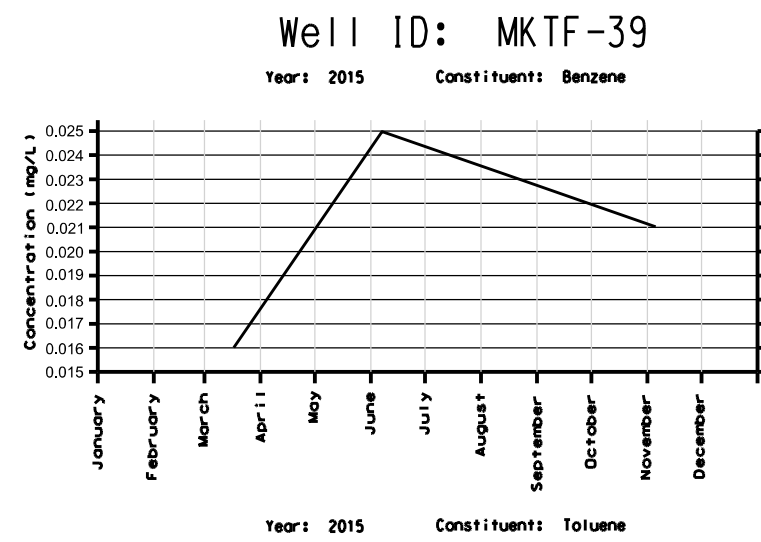
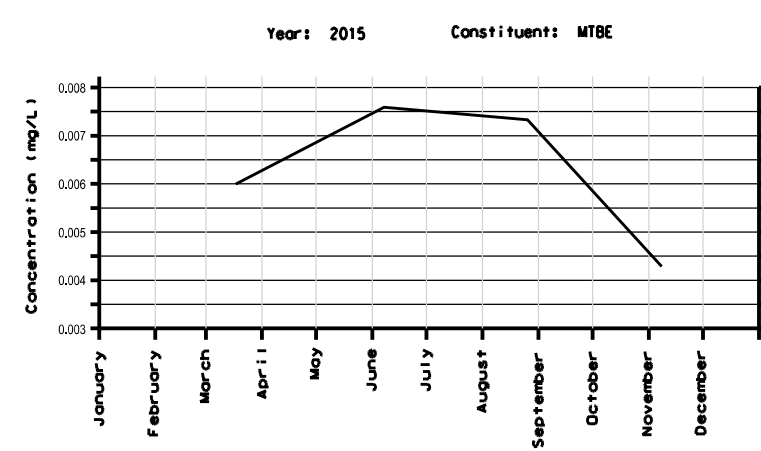
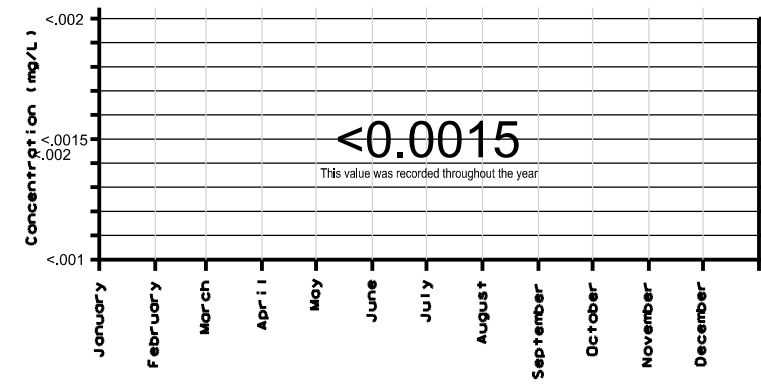
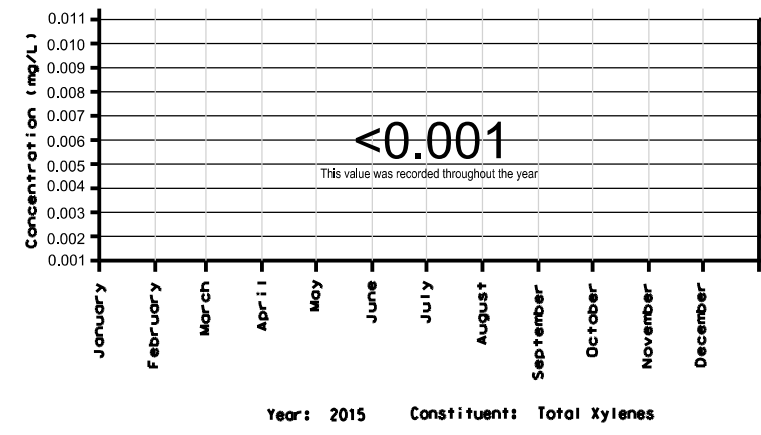
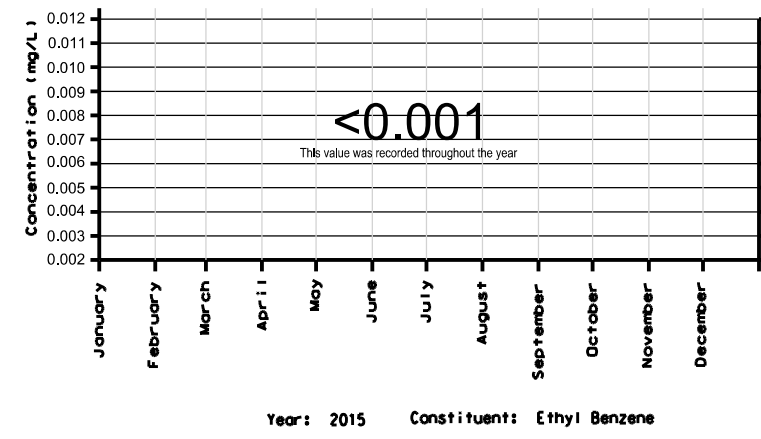
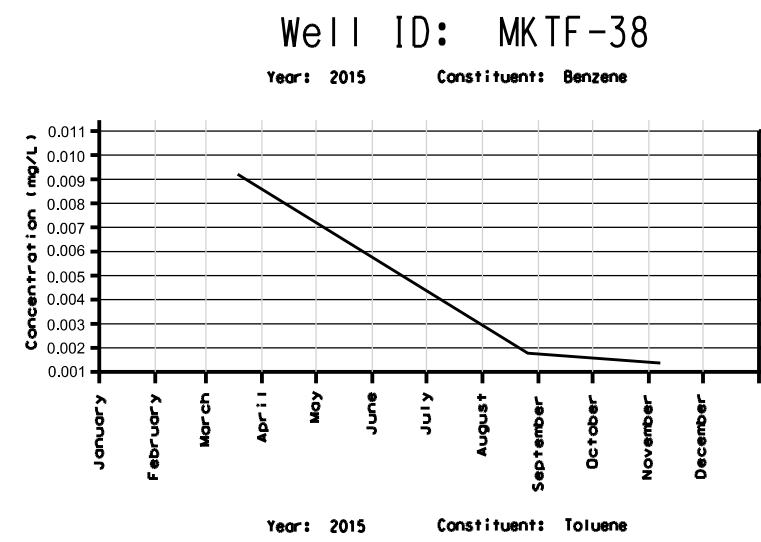
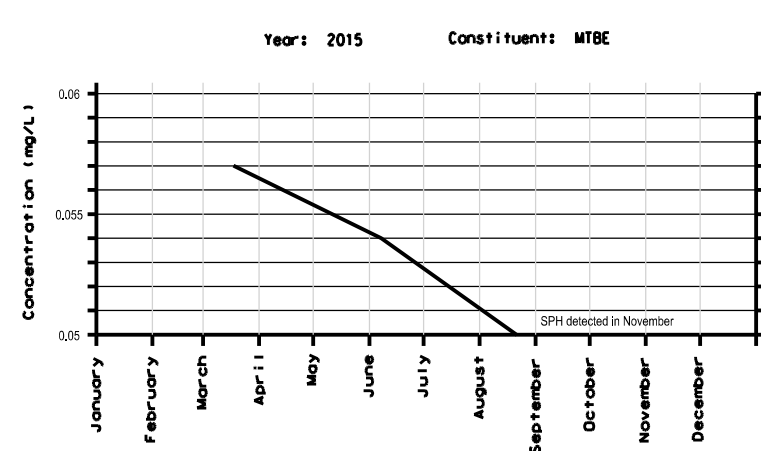
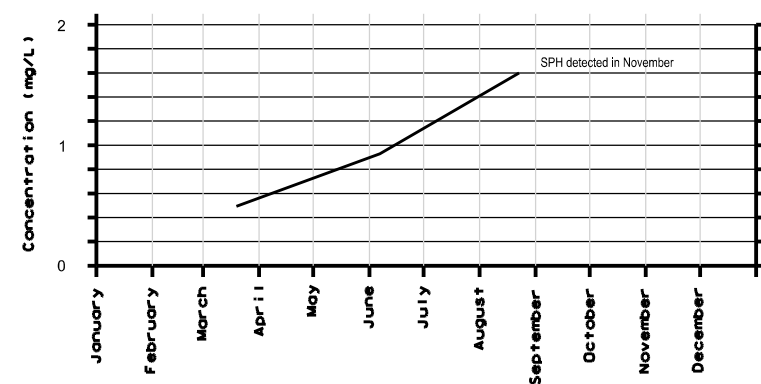
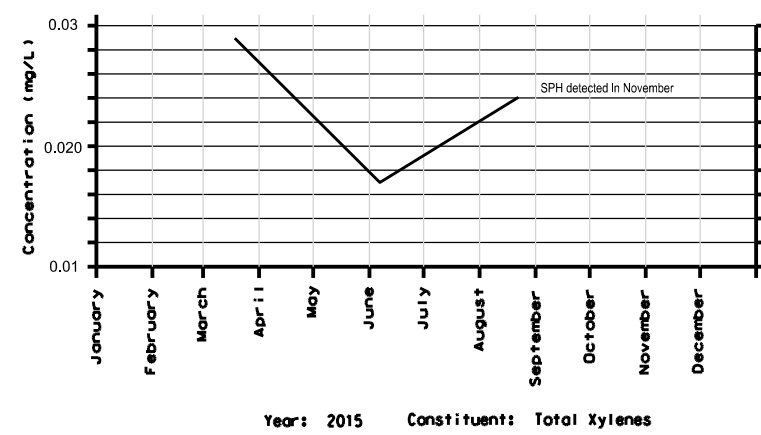
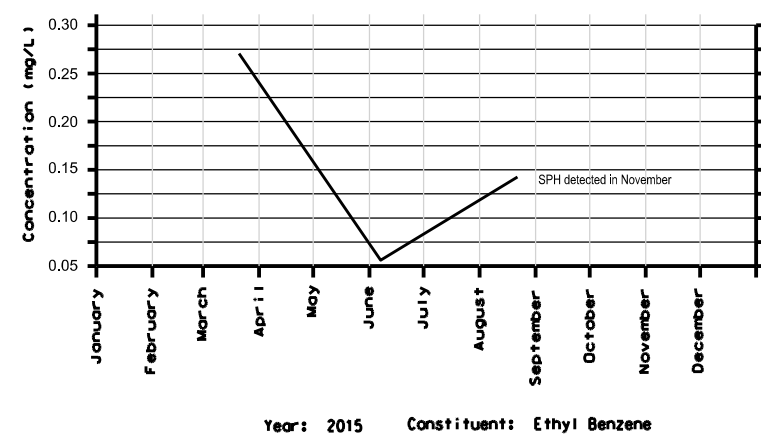
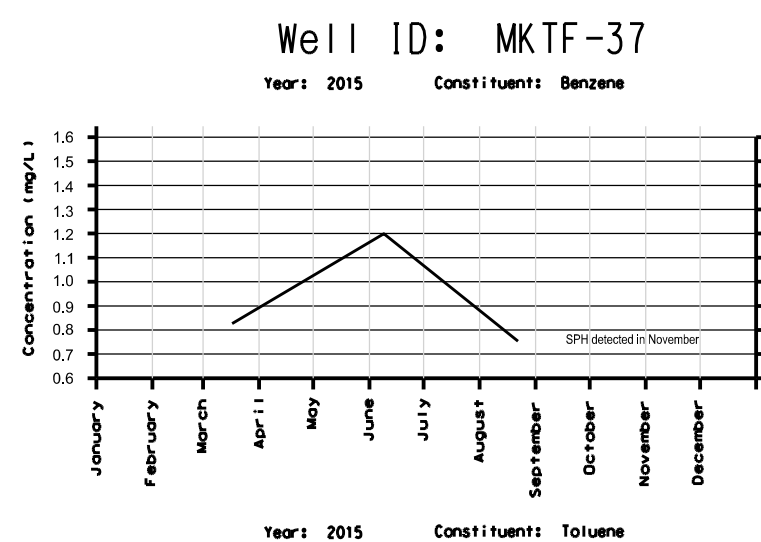
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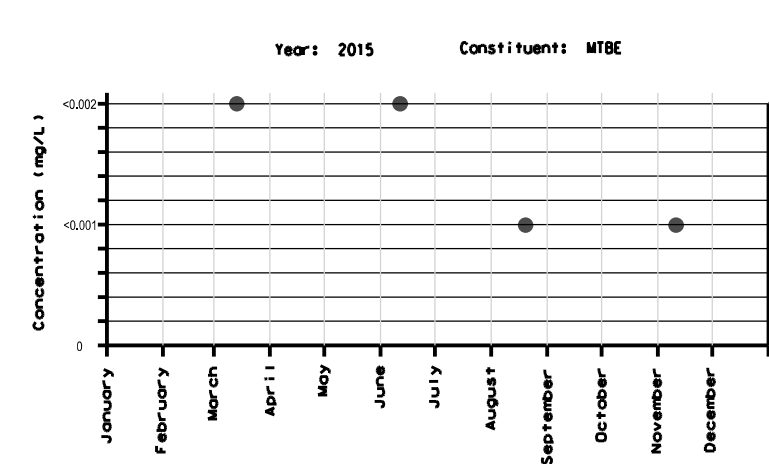
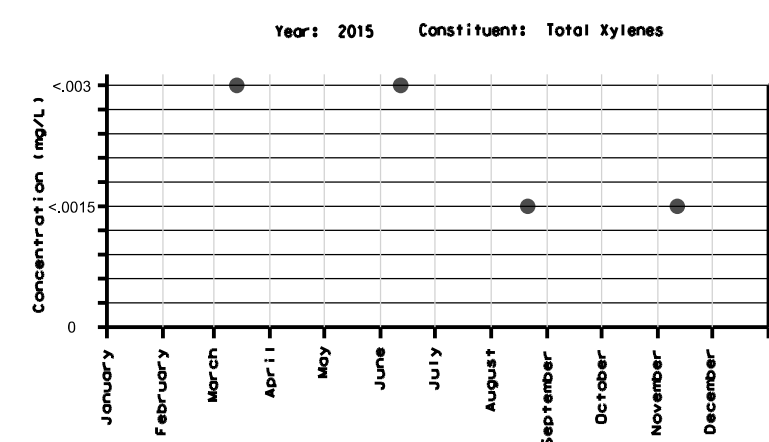
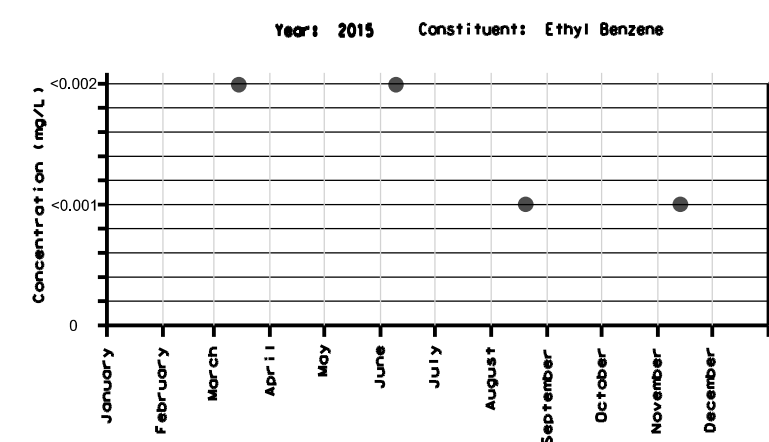
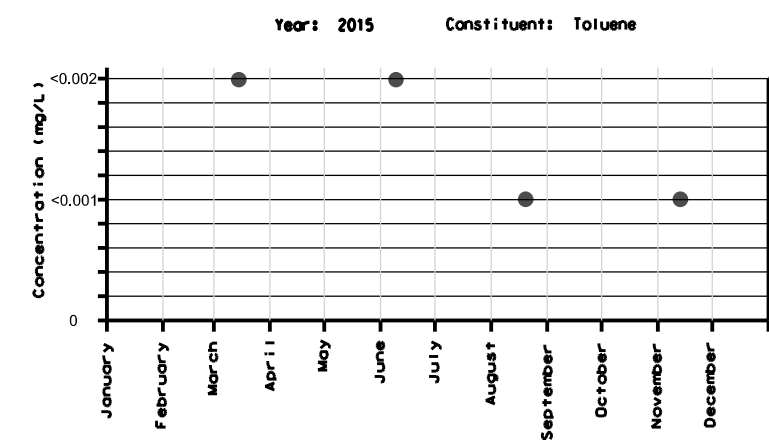
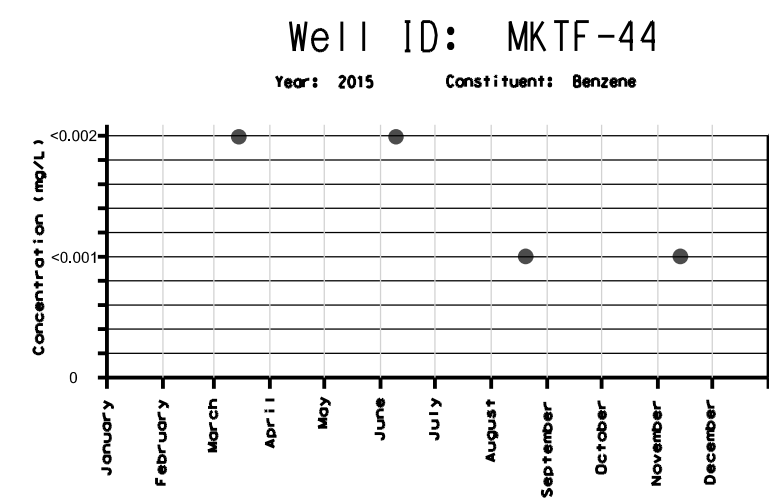
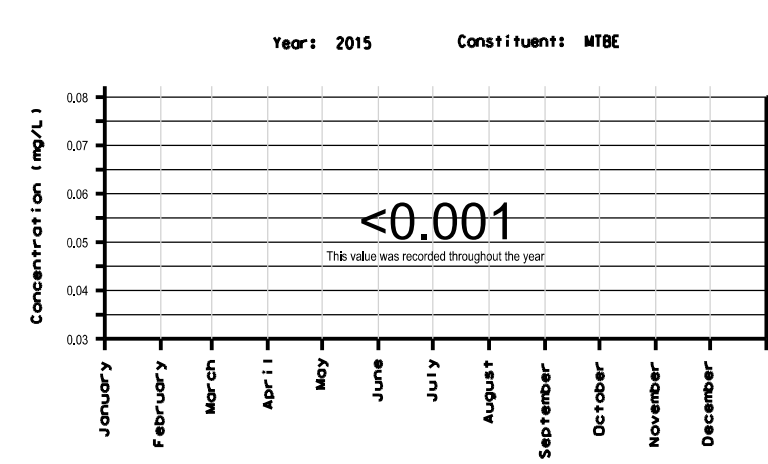
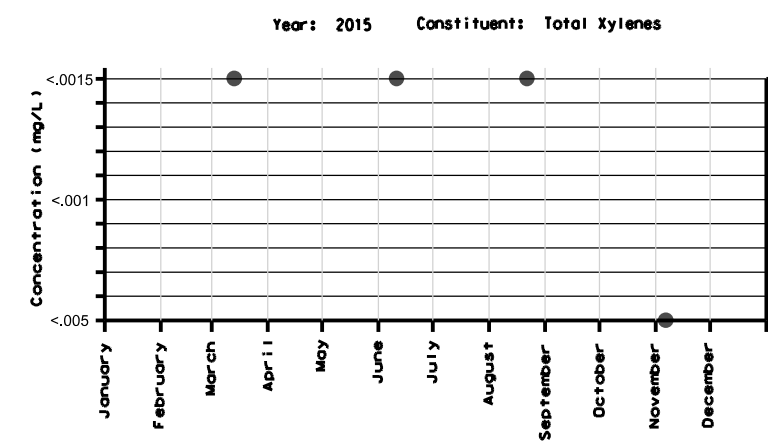
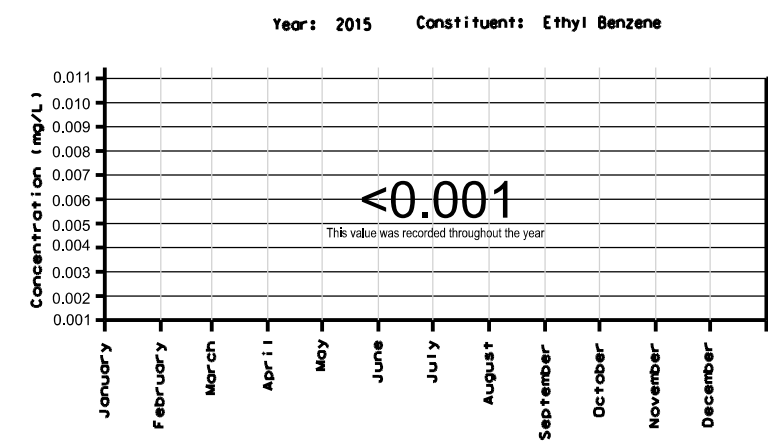
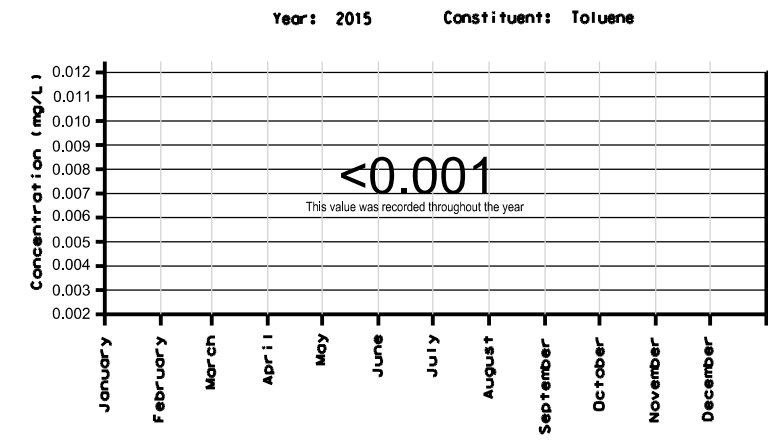
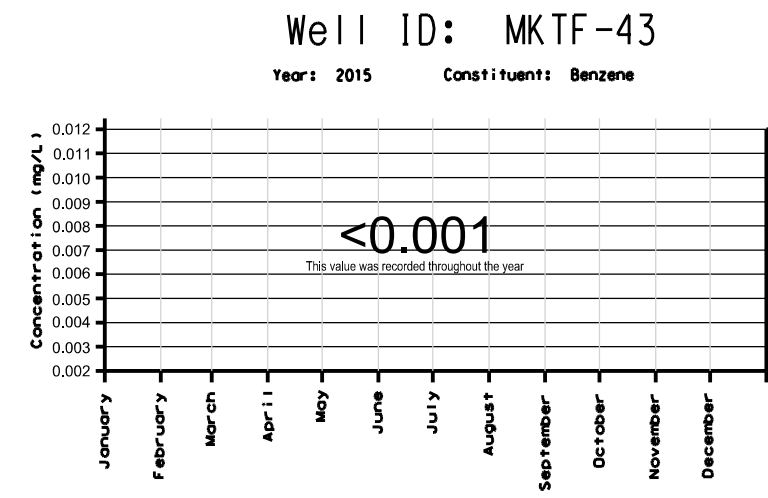
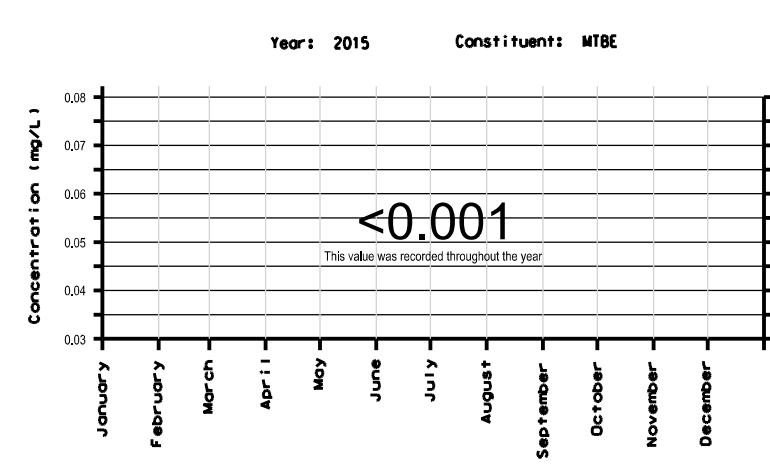
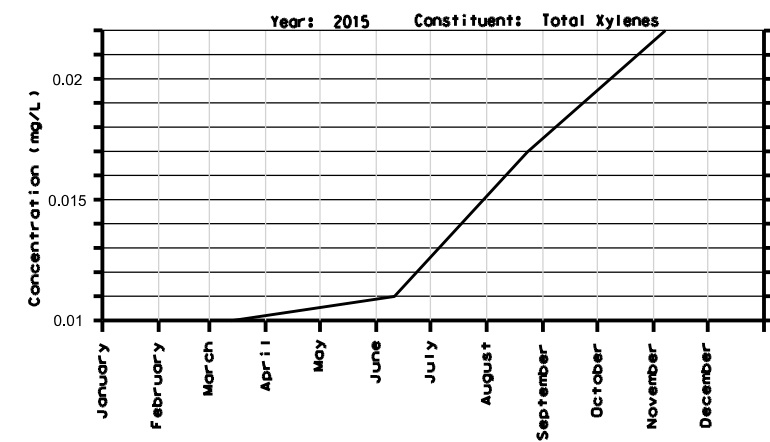
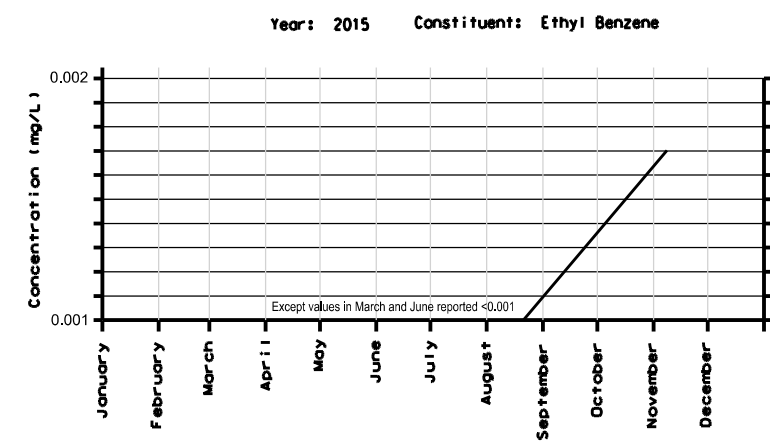
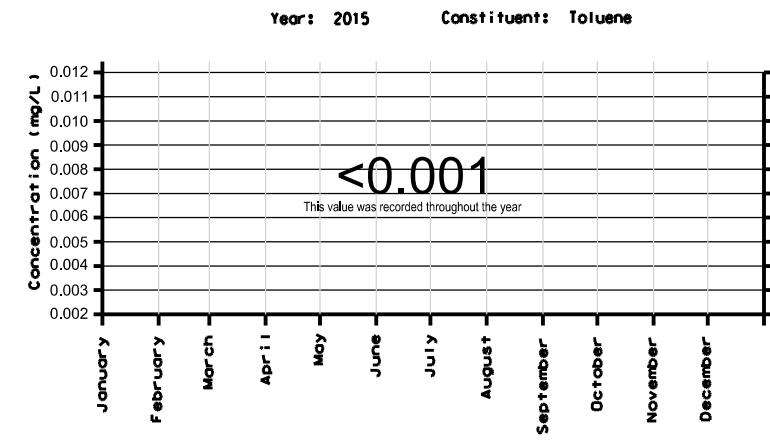
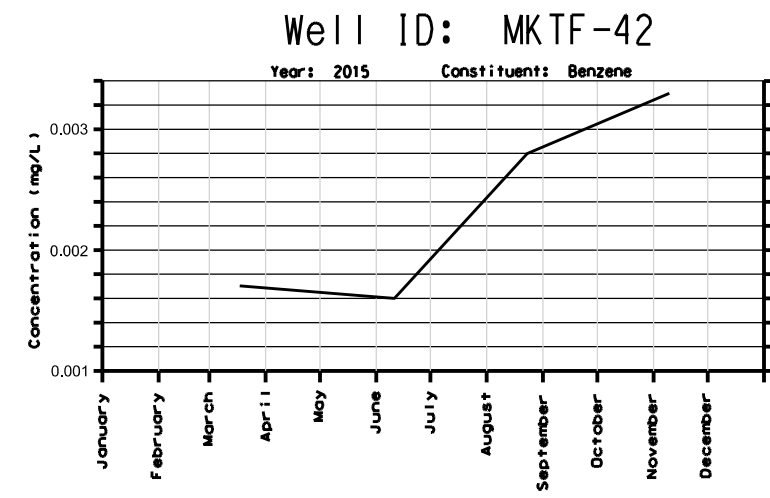
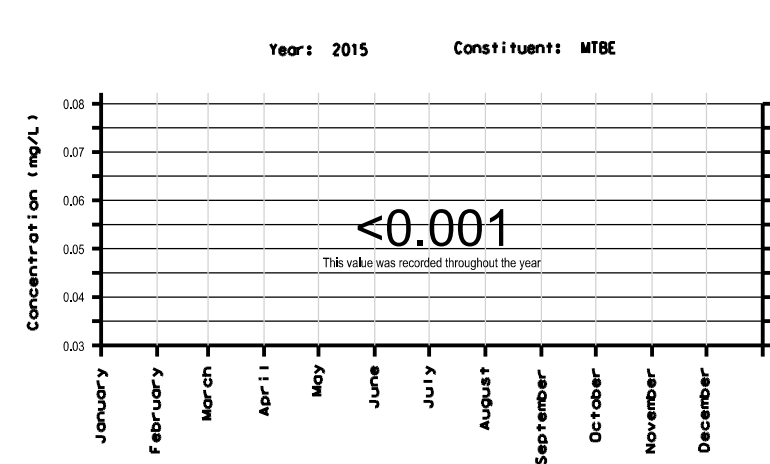
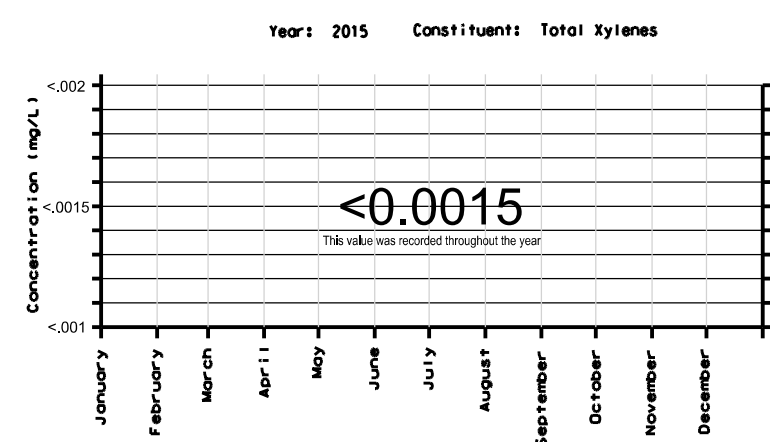
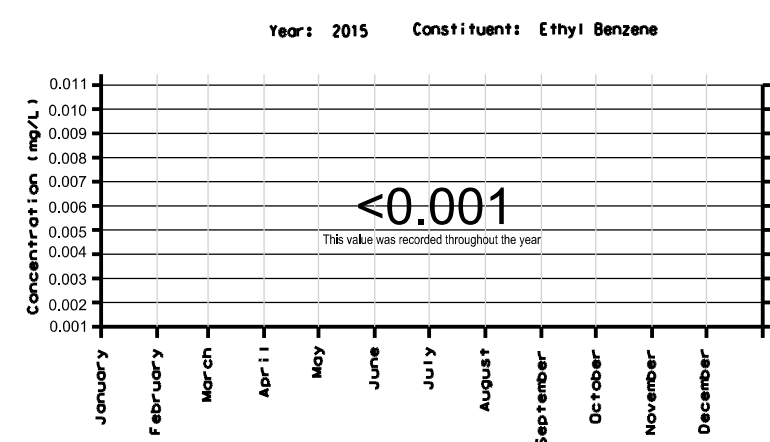
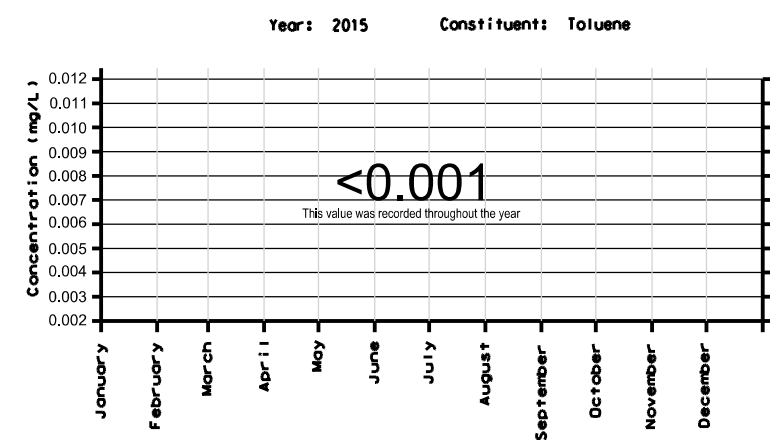
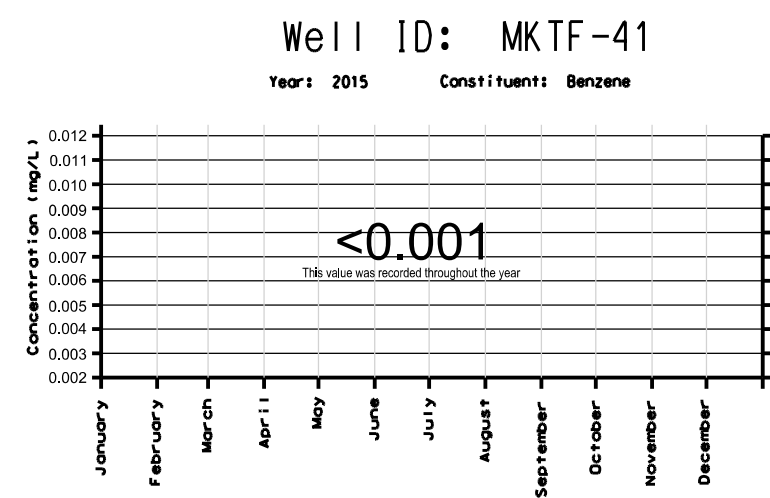
WELL GROUP E CONSTITUENTS - 2015

WESTERN REFINING - GALLUP REFINERY

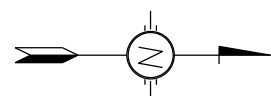
Western Refining - Gallup Refinery
92 Giant Crossing Road
Gallup, New Mexico 87301
Date: August 6, 2016







4601 Ripley
El Paso, Texas
79922
915-584-1317



NTS

Project #: 06251104

Figure 17.9
WELL GROUP E CONSTITUENTS - 2015
WESTERN REFINING - GALLUP REFINERY

Western Refining - Gallup Refinery
92 Giant Crossing Road
Gallup, New Mexico 87301
Date: August 6, 2016