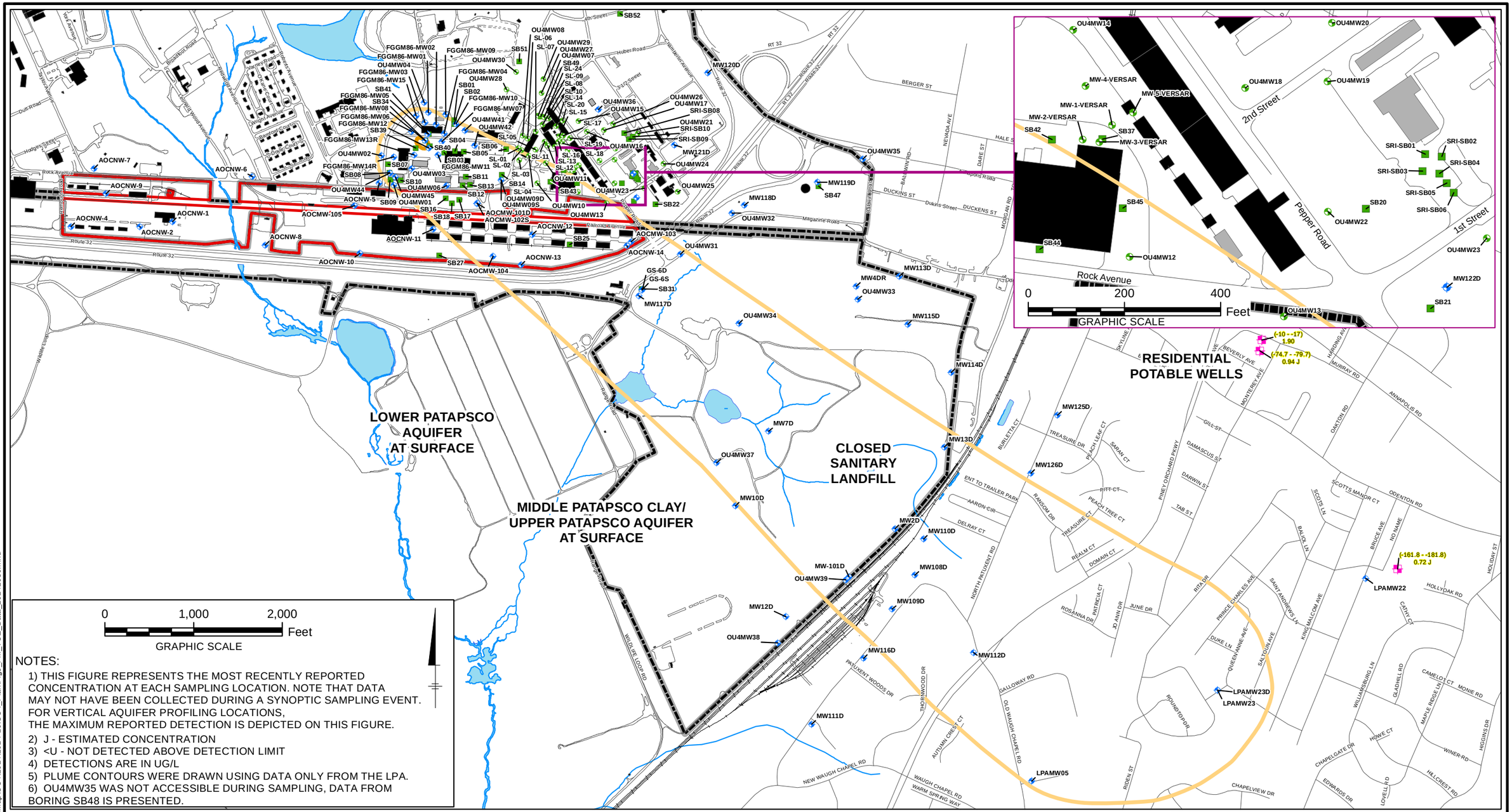

NOTES:

1) THIS FIGURE REPRESENTS THE MOST RECENTLY REPORTED CONCENTRATION AT EACH SAMPLING LOCATION. NOTE THAT DATA MAY NOT HAVE BEEN COLLECTED DURING A SYNOPTIC SAMPLING EVENT. FOR VERTICAL AQUIFER PROFILING LOCATIONS, THE MAXIMUM REPORTED DETECTION IS DEPICTED ON THIS FIGURE.
2) J - ESTIMATED CONCENTRATION
3) <U - NOT DETECTED ABOVE DETECTION LIMIT
4) DETECTIONS ARE IN UG/L
5) PLUME CONTOURS WERE DRAWN USING DATA ONLY FROM THE LPA.
6) OU4MW35 WAS NOT ACCESSIBLE DURING SAMPLING, DATA FROM BORING SB48 IS PRESENTED.

LEGEND:

- MIDDLE PATAPSCO AQUIFER WELL (163.98 - 158.98) MONITORING WELL SCREEN INTERVAL (FEET MEAN SEA LEVEL) 41.3 - PCE DETECTION
- LOWER PATAPSCO AQUIFER WELL (21.45 - 1.45) MONITORING WELL SCREEN INTERVAL (FEET MEAN SEA LEVEL) 2400 - PCE DETECTION
- BORING LOCATION (42.62 - 32.62) VERTICAL INTERVAL FROM WHICH DATA WERE COLLECTED (FEET MEAN SEA LEVEL)
- RESIDENTIAL WELL
- ROADS
- RAILROAD
- STREAM
- DEMOLISHED STRUCTURES
- EXISTING STRUCTURES
- SURFACE WATER
- AOC PROPERTY BOUNDARY
- INSTALLATION BOUNDARY

LPA TCE CONTOUR (UG/L)

- 5
- 100

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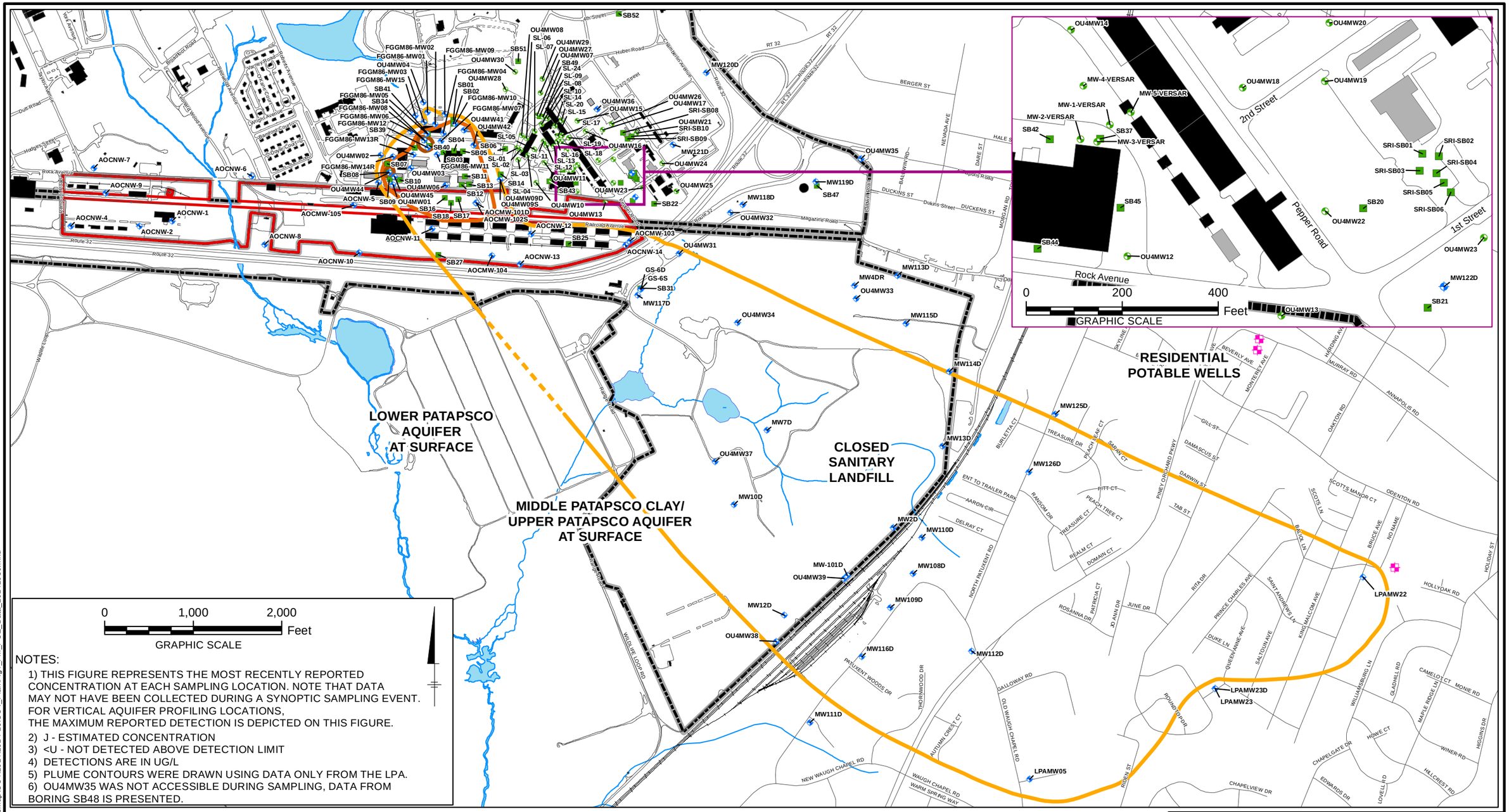
LOWER PATAPSCO AQUIFER STUDY AREA
TCE DETECTIONS IN THE MIDDLE AND LOWER PATAPSCO AQUIFER

ARCADIS

FIGURE
5

CITY: MPLS DIV/GROUP: IM DB: MG LD: KS
FORT MEADE
Path: Z:\GISPROJECTS_ENV\Fort_Meade\ArcMap\OU4\2014\2014-10\OU4_Plan\Fig5_FM_TCE_Data_20141030.mxd



NOTES:

1) THIS FIGURE REPRESENTS THE MOST RECENTLY REPORTED CONCENTRATION AT EACH SAMPLING LOCATION. NOTE THAT DATA MAY NOT HAVE BEEN COLLECTED DURING A SYNOPTIC SAMPLING EVENT. FOR VERTICAL AQUIFER PROFILING LOCATIONS, THE MAXIMUM REPORTED DETECTION IS DEPICTED ON THIS FIGURE.
2) J - ESTIMATED CONCENTRATION
3) <U - NOT DETECTED ABOVE DETECTION LIMIT
4) DETECTIONS ARE IN UG/L
5) PLUME CONTOURS WERE DRAWN USING DATA ONLY FROM THE LPA.
6) OU4MW35 WAS NOT ACCESSIBLE DURING SAMPLING, DATA FROM BORING SB48 IS PRESENTED.

LEGEND:

- MIDDLE PATAPSCO AQUIFER WELL (163.98 - 158.98) MONITORING WELL SCREEN INTERVAL (FEET MEAN SEA LEVEL) 41.3 - PCE DETECTION
- LOWER PATAPSCO AQUIFER WELL (21.45 - 1.45) MONITORING WELL SCREEN INTERVAL (FEET MEAN SEA LEVEL) 2400 - PCE DETECTION
- BORING LOCATION (42.62 - 32.62) VERTICAL INTERVAL FROM WHICH DATA WERE COLLECTED (FEET MEAN SEA LEVEL)
- RESIDENTIAL WELL
- ROADS
- RAILROAD
- STREAM
- DEMOLISHED STRUCTURES
- EXISTING STRUCTURES
- SURFACE WATER
- AOC PROPERTY BOUNDARY
- INSTALLATION BOUNDARY

LPA PCE CONTOUR (UG/L)

- 5, INFERRED
- 5
- 100
- 1000

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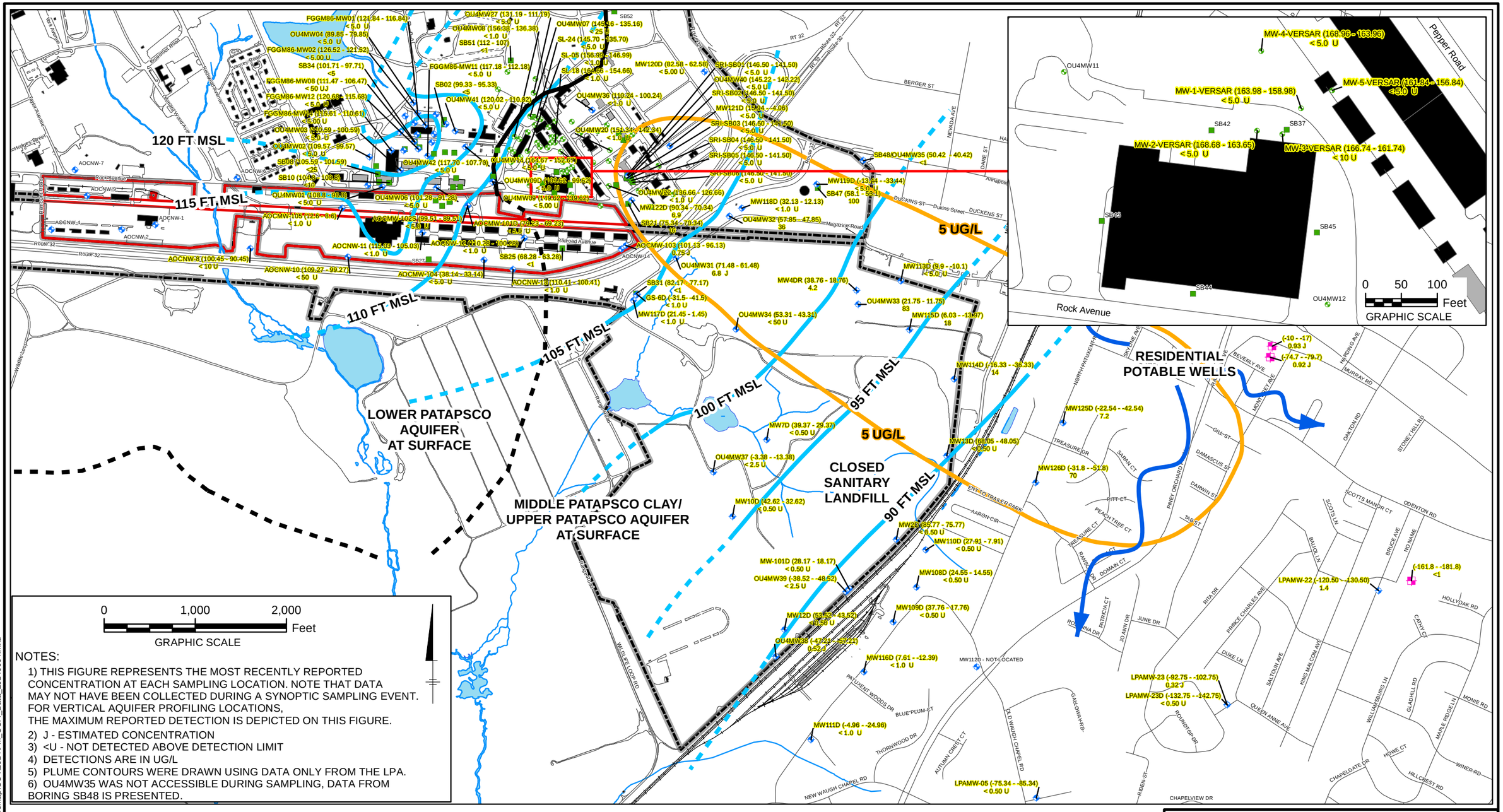
PCE DETECTIONS IN THE MIDDLE AND LOWER PATAPSCO AQUIFER

ARCADIS

FIGURE
4

CITY: MPLS DIV/GROUP: IM DB: MG LD: KS
FORT MEADE
Path: Z:\GISPROJECTS_ENV\Fort_Meade\ArcMap\OU4\2014\2014-10\OU4_PlanFig4_FM_PCE_Data_20141030.mxd



NOTES:

1) THIS FIGURE REPRESENTS THE MOST RECENTLY REPORTED CONCENTRATION AT EACH SAMPLING LOCATION. NOTE THAT DATA MAY NOT HAVE BEEN COLLECTED DURING A SYNOPTIC SAMPLING EVENT. FOR VERTICAL AQUIFER PROFILING LOCATIONS, THE MAXIMUM REPORTED DETECTION IS DEPICTED ON THIS FIGURE.
2) J - ESTIMATED CONCENTRATION
3) <U - NOT DETECTED ABOVE DETECTION LIMIT
4) DETECTIONS ARE IN UG/L
5) PLUME CONTOURS WERE DRAWN USING DATA ONLY FROM THE LPA.
6) OU4MW35 WAS NOT ACCESSIBLE DURING SAMPLING, DATA FROM BORING SB48 IS PRESENTED.

LEGEND:

- MIDDLE PATAPSCO AQUIFER WELL (163.98 - 158.98) MONITORING WELL SCREEN INTERVAL (FEET MEAN SEA LEVEL) 41.3 - CCI4 DETECTION
- LOWER PATAPSCO AQUIFER WELL (21.45 - 1.45) MONITORING WELL SCREEN INTERVAL (FEET MEAN SEA LEVEL) 2400 - CCI4 DETECTION
- BORING LOCATION (42.62 - 32.62) VERTICAL INTERVAL FROM WHICH DATA WERE COLLECTED (FEET MEAN SEA LEVEL)
- RESIDENTIAL WELL
- ROADS
- RAILROAD
- DEMOLISHED STRUCTURES
- EXISTING STRUCTURES
- STREAM
- SURFACE WATER
- AOC PROPERTY BOUNDARY
- INSTALLATION BOUNDARY
- MID-PATAPSCO CLAY CONTACT DASHED WHERE INFERRED
- LPA CCI4 CONTOUR (UG/L)
- LPA GROUNDWATER ELEVATION CONTOUR DASHED WHERE INFERRED
- WATER LEVEL CONTOUR DATA COLLECTED 2/2013

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LOWER PATAPSCO AQUIFER STUDY AREA
CCI4 DETECTIONS IN THE MIDDLE AND LOWER PATAPSCO AQUIFER

ARCADIS

FIGURE
5-3

CITY: MPLS DIV/GROUP: IM DB: MG LD: KS
FORT MEADE
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