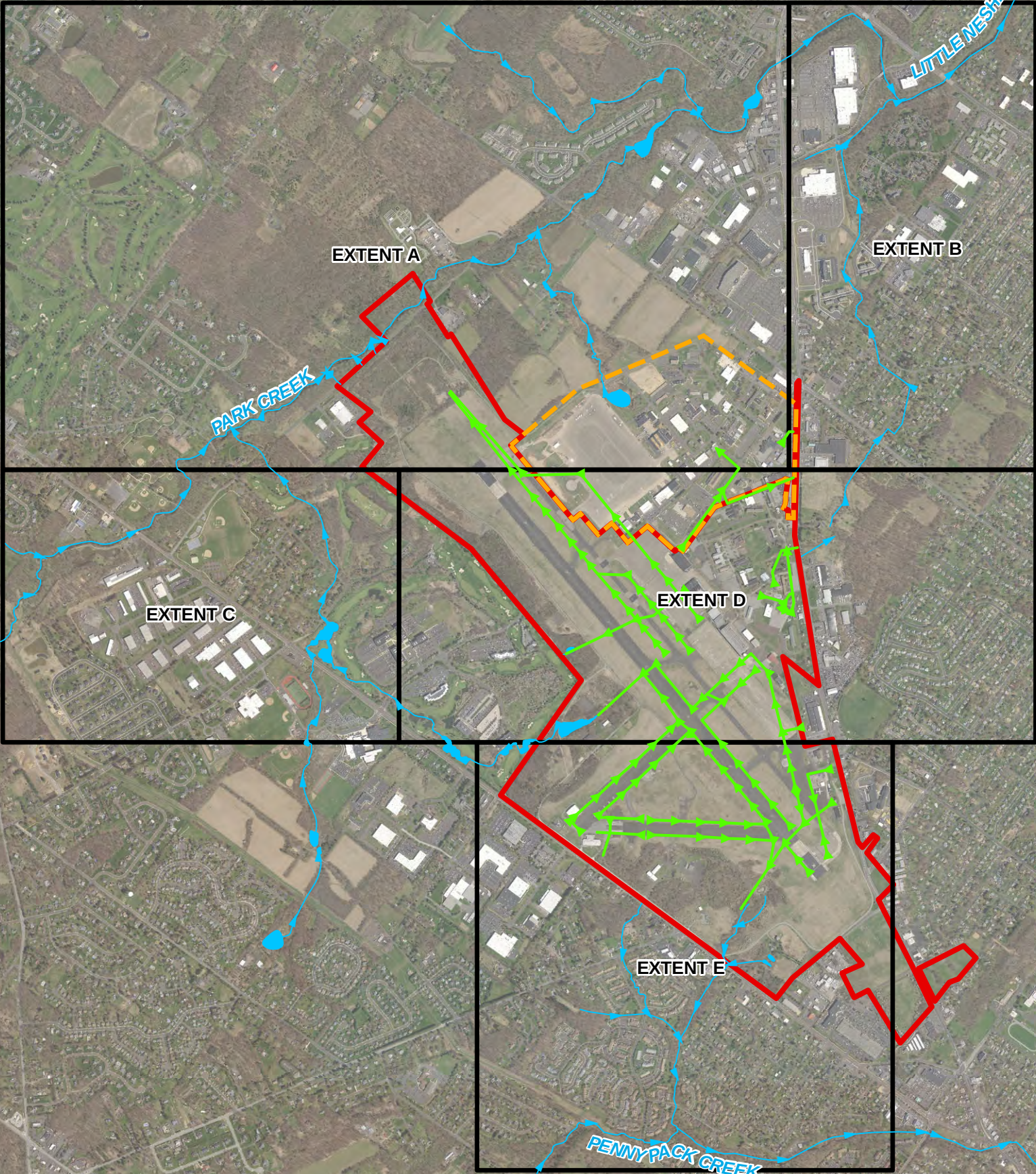
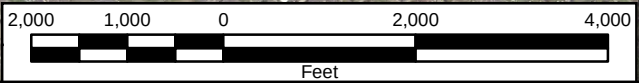


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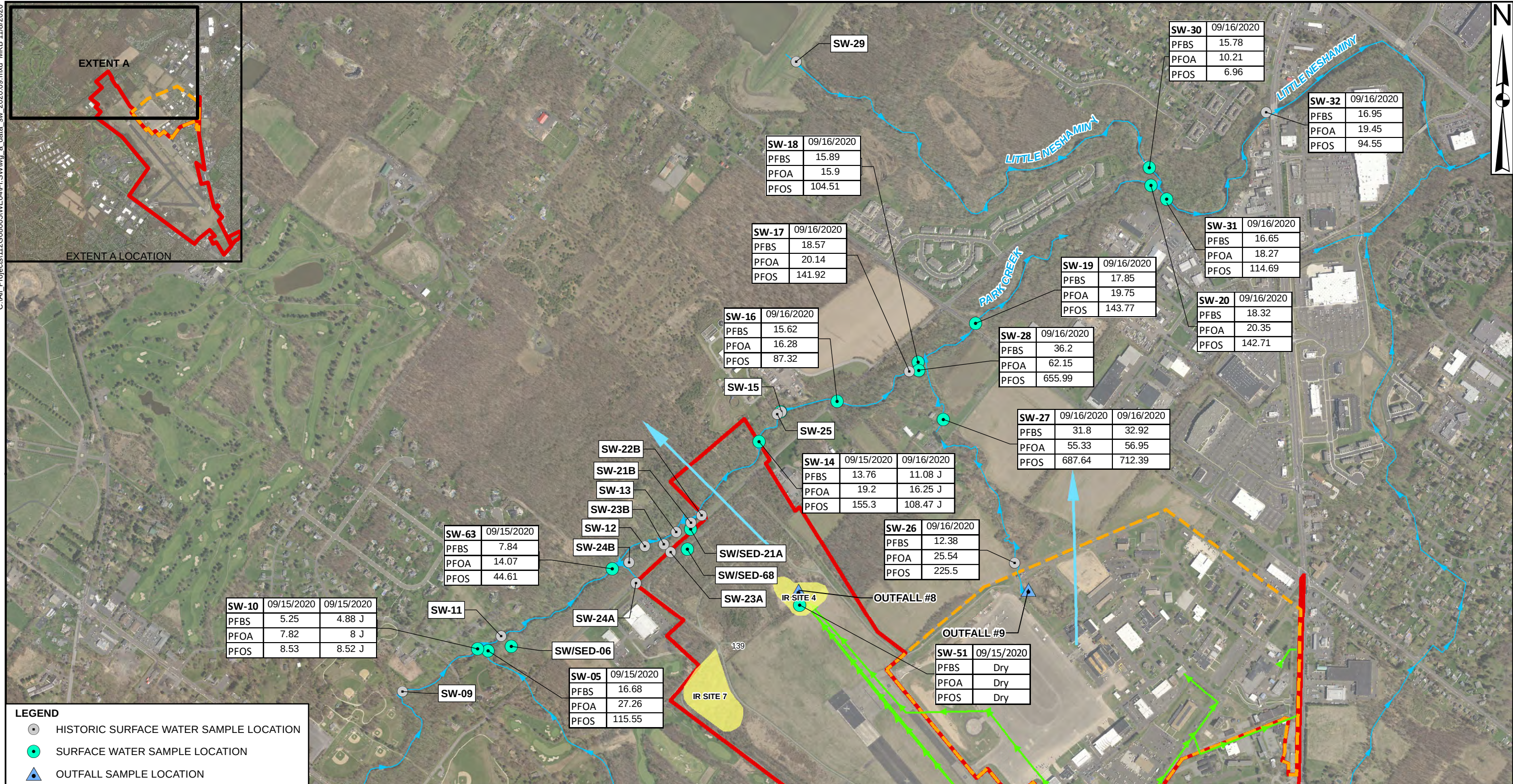
- STORM SEWER
- STREAM
- HORSHAM AIR GUARD STATION
- FORMER NAS JRB WILLOW GROVE



SURFACE WATER/SEDIMENT EXTENT MAP
FORMER NAS JRB WILLOW GROVE
HORSHAM TOWNSHIP, PENNSYLVANIA

CTO WE04	
DRAWN BY MK BOND	DATE 10/28/20
CHECKED BY T. MOORE	DATE 10/28/20
FIGURE NUMBER 1	

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LEGEND

 HISTORIC SURFACE WATER SAMPLE LOCATION

 SURFACE WATER SAMPLE LOCATION

 OUTFALL SAMPLE LOCATION

21

BUILDING NUMBER

 POTENTIAL PFAS SOURCE

 GROUNDWATER FLOW DIRECTION

 STORM SEWER

 STREAM

 HORSHAM AIR GUARD STATION

 FORMER NAS JRB WILLOW GROVE

NOTES:
ALL SAMPLES COLLECTED DURING BASE FLOW CONDITIONS.

ALL RESULTS REPORTED IN PARTS PER TRILLION (PPT)

PFBS - PERFLUOROBUTANESULFONIC ACID
PFOA - PERFLUOROOCTANOIC ACID
PFOS - PERFLUOROOCTANESULFONIC ACID
"J" = ESTIMATED VALUE
"U" = BELOW DETECTION LIMITS

BOLD INDICATES EXCEEDS HUMAN HEALTH PROJECT SCREENING LEVEL:
PFBS: 1,400,000 PPT
PFOA: 1,400 PPT
PFOS: 1,400 PPT

BOLD INDICATES EXCEEDS ECOLOGICAL PROJECT SCREENING LEVEL:
PFBS: 3,400,000 PPT
PFOA: 1,112,000 PPT
PFOS: 5,850 PPT



PFAS SURFACE WATER SAMPLING ANALYTICAL RESULTS
(SEPTEMBER 2020)
EXTENT A
FORMER NAS JRB WILLOW GROVE
HORSHAM TOWNSHIP, PENNSYLVANIA

CTO WE04	
DRAWN BY MK BOND	DATE 11/08/20
CHECKED BY T. MOORE	DATE 11/08/20
FIGURE NUMBER 2	

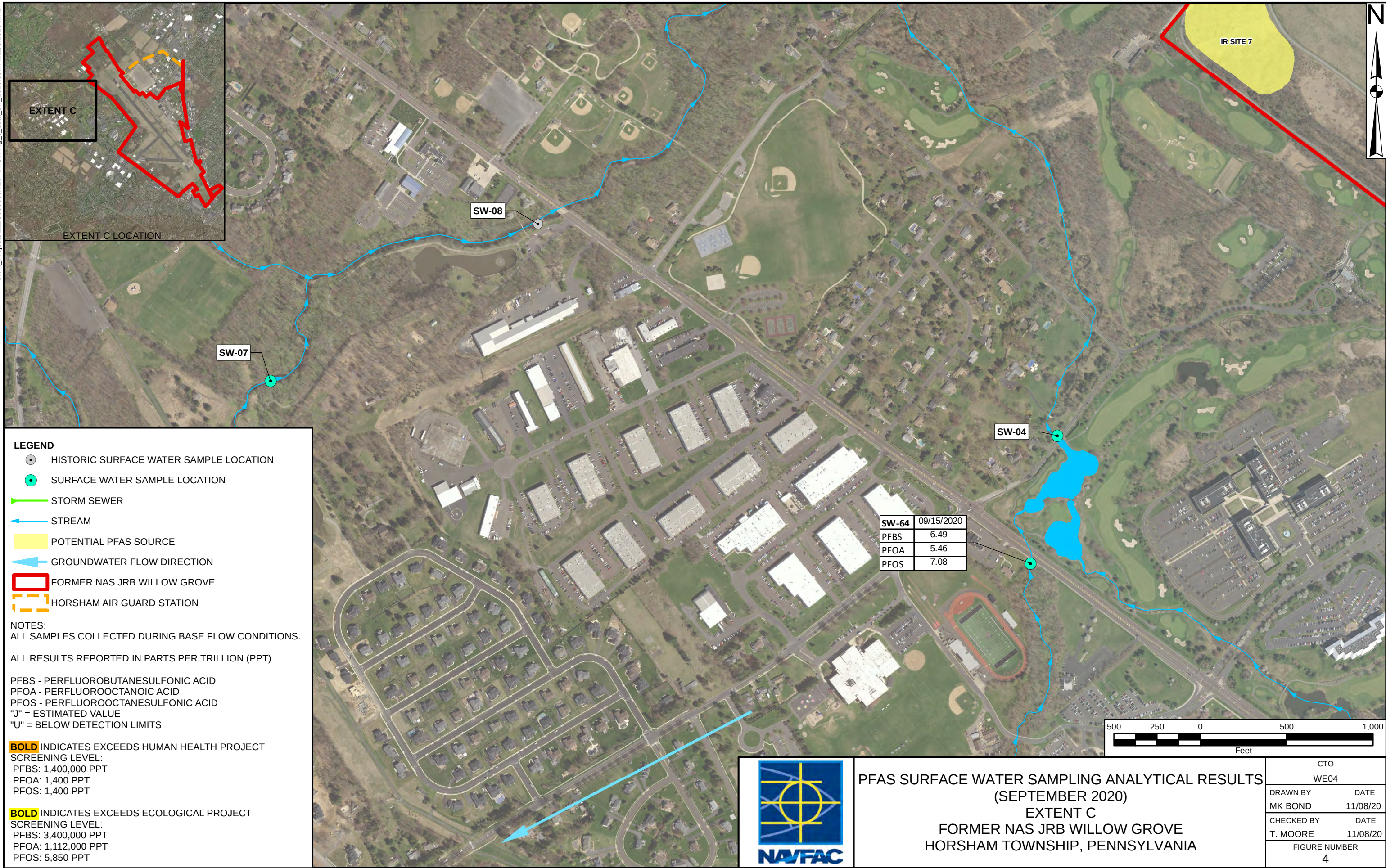
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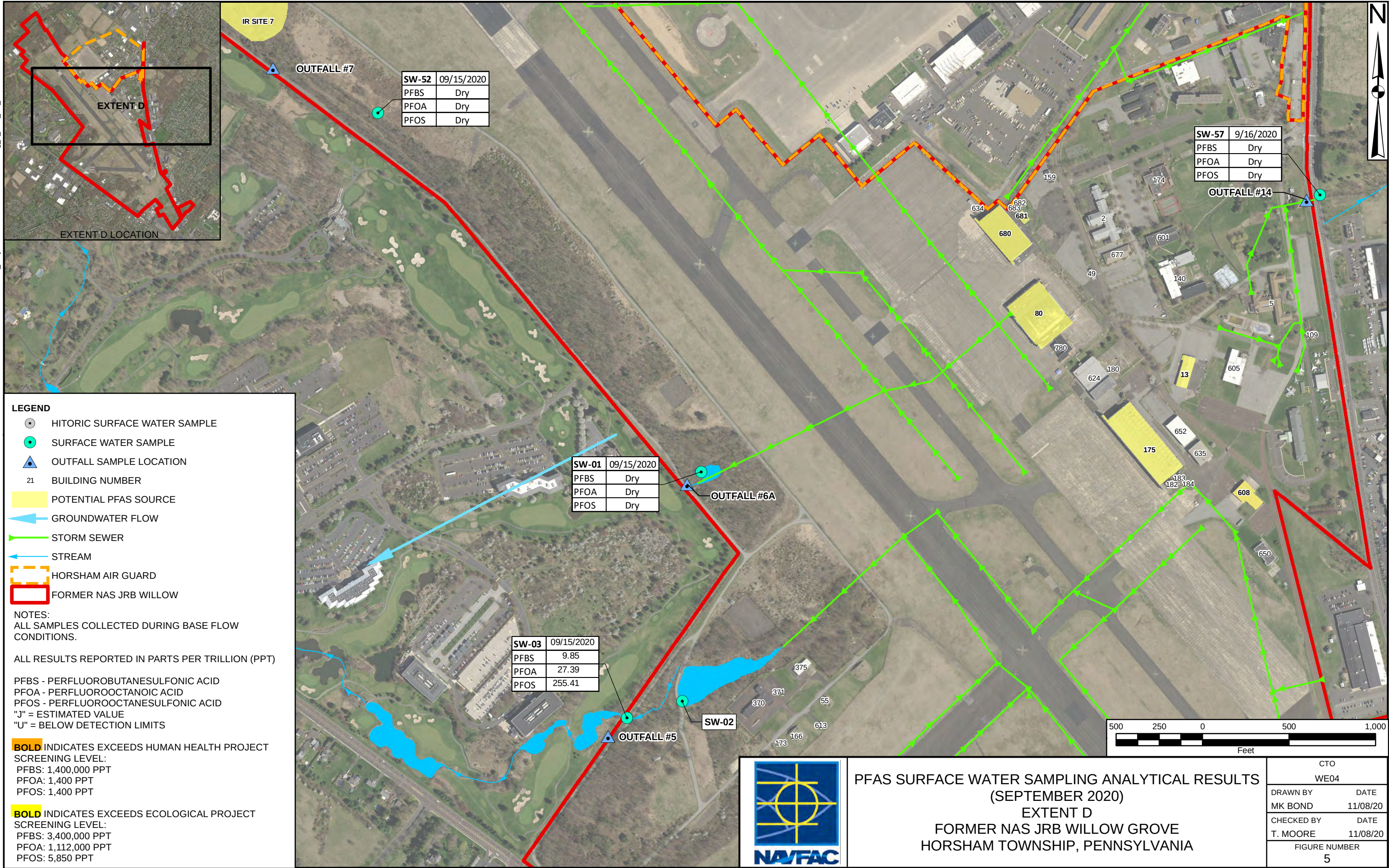
PFAS SURFACE WATER SAMPLING ANALYTICAL RESULTS
(SEPTEMBER 2020)
EXTENT B
FORMER NAS JRB WILLOW GROVE
HORSHAM TOWNSHIP, PENNSYLVANIA

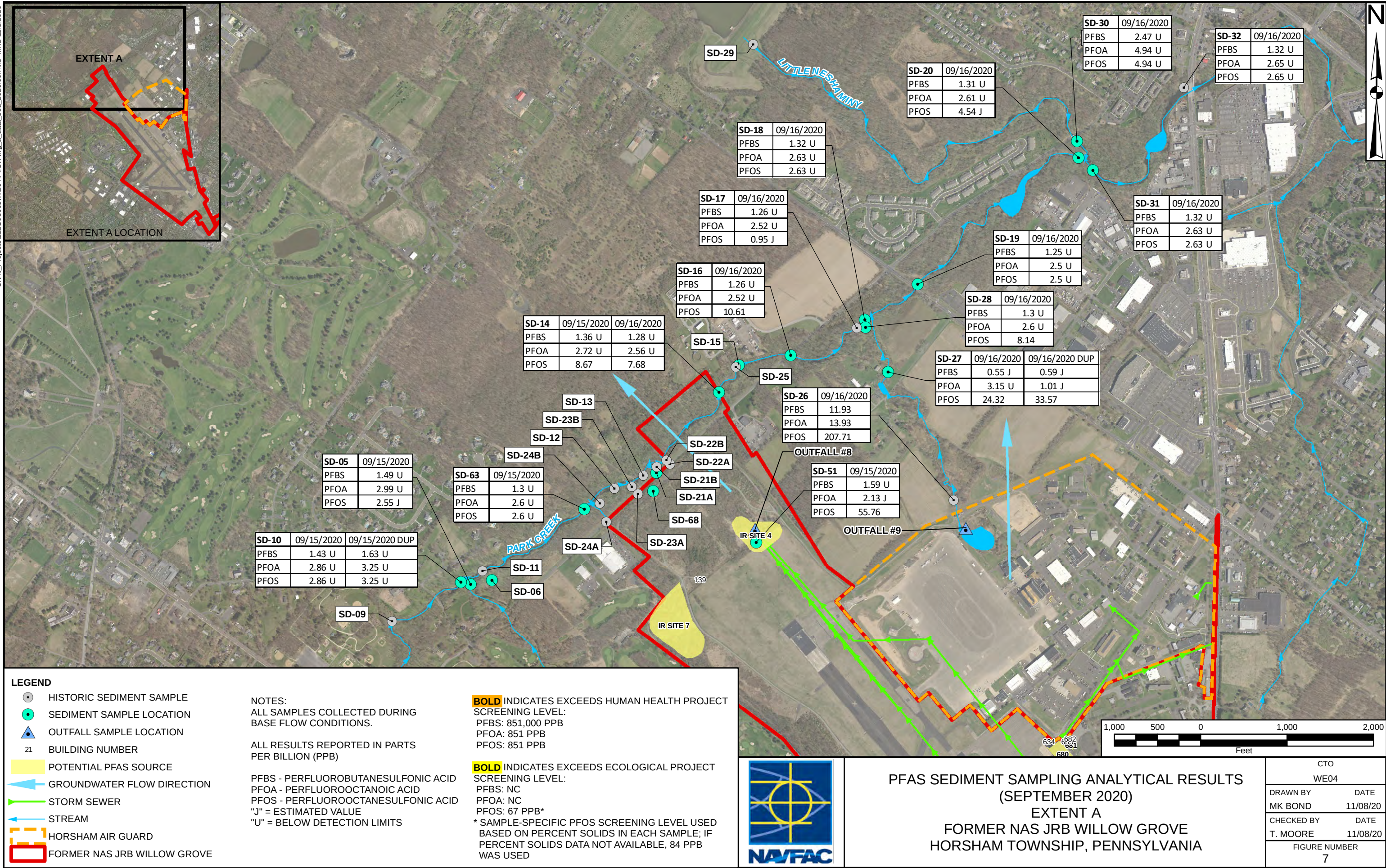
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CHECKED BY T. MOORE	DATE 10/30/20
FIGURE NUMBER 3	

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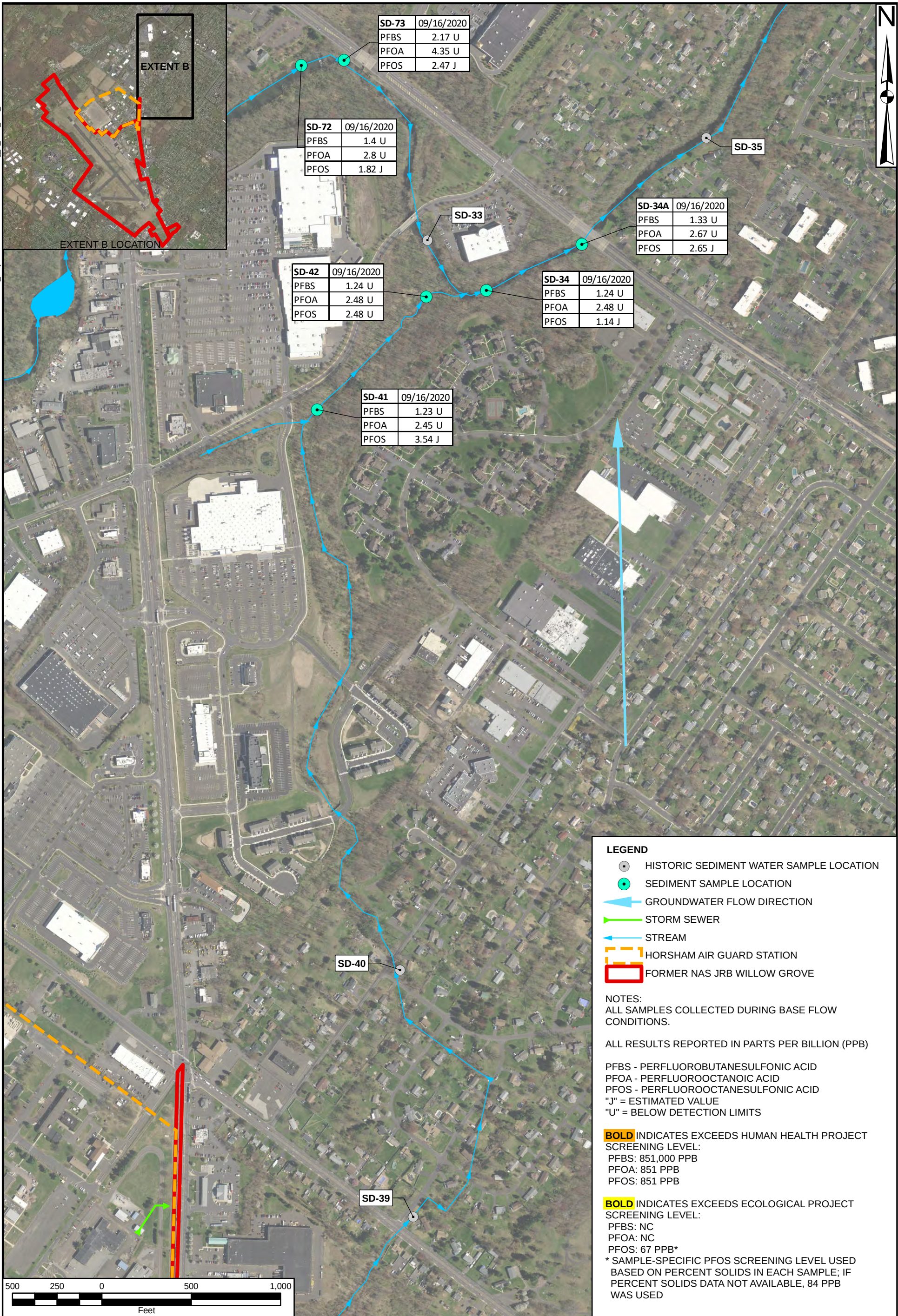


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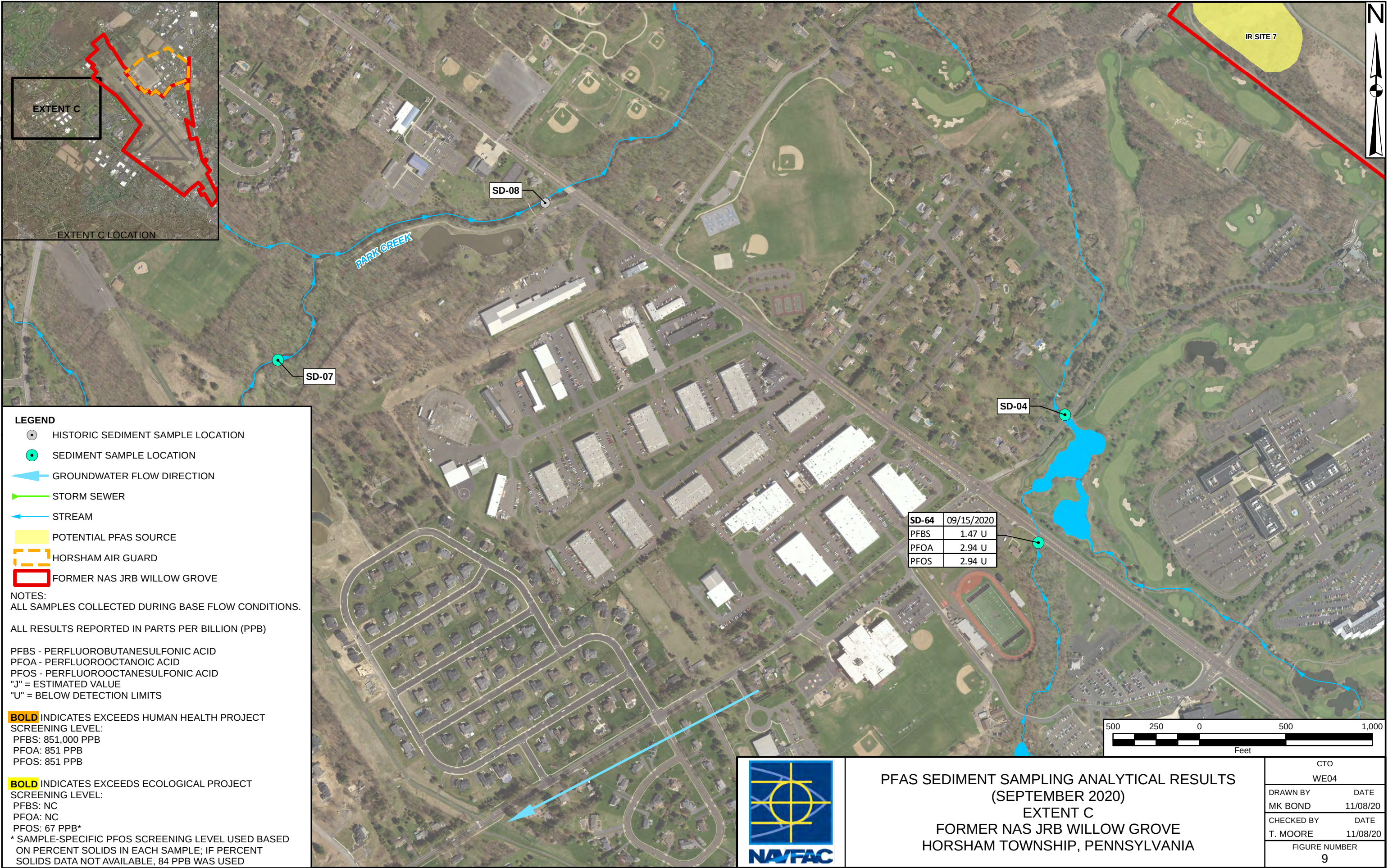
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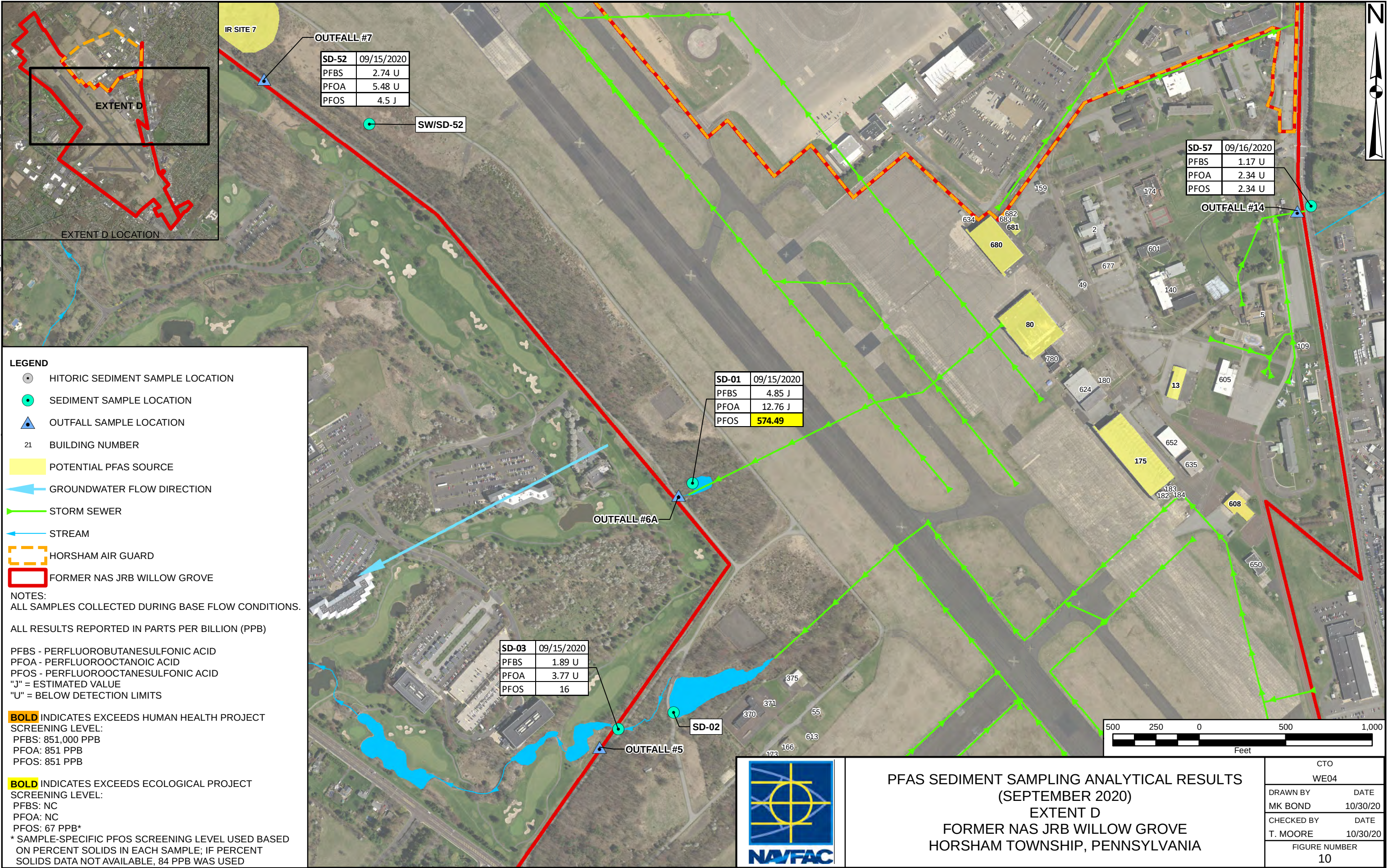
PFAS SEDIMENT SAMPLING ANALYTICAL RESULTS
(SEPTEMBER 2020)
EXTENT B
FORMER NAS JRB WILLOW GROVE
HORSHAM TOWNSHIP, PENNSYLVANIA

CTO WE04	
DRAWN BY MK BOND	DATE 11/08/20
CHECKED BY T. MOORE	DATE 11/08/20
FIGURE NUMBER 8	

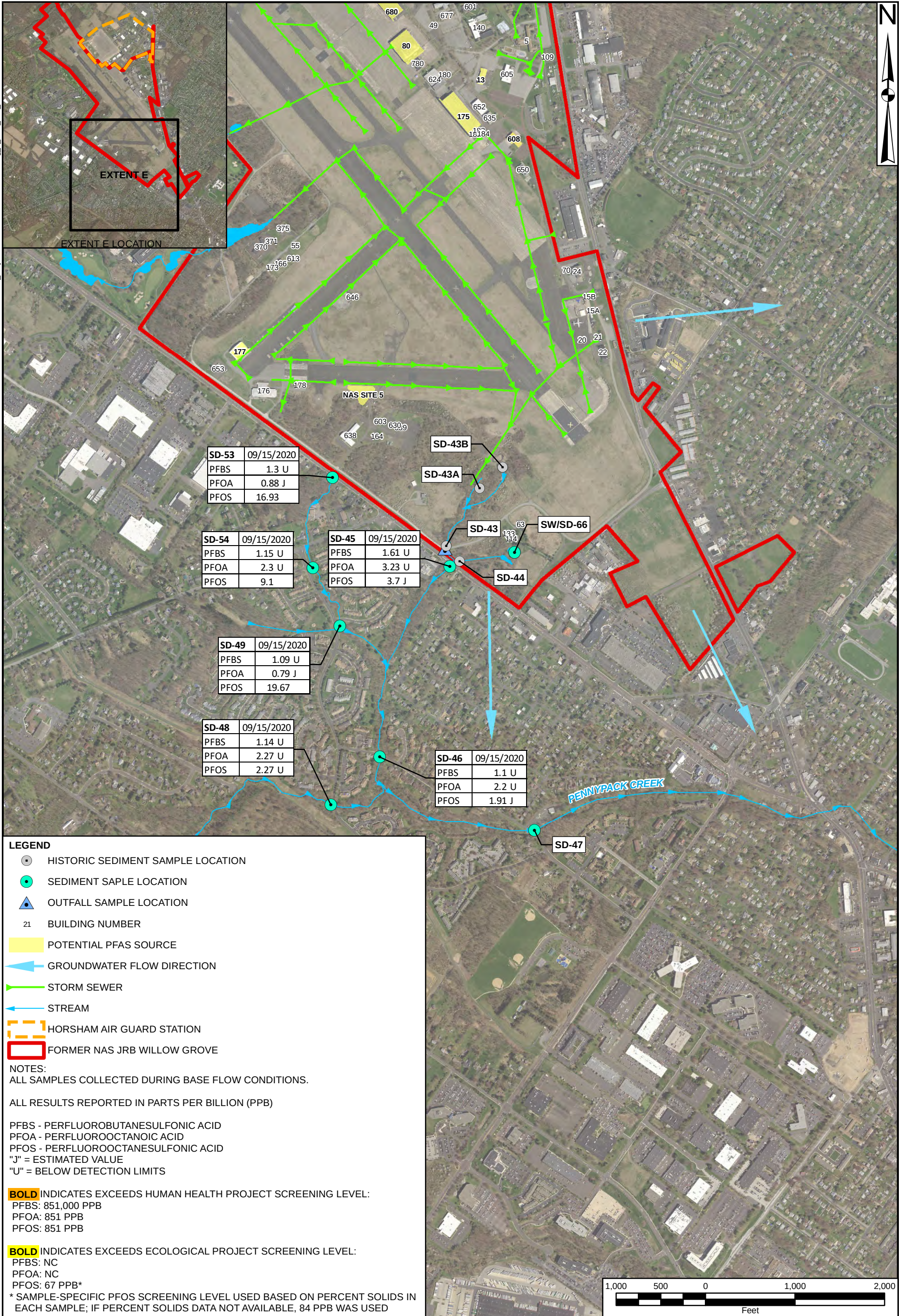
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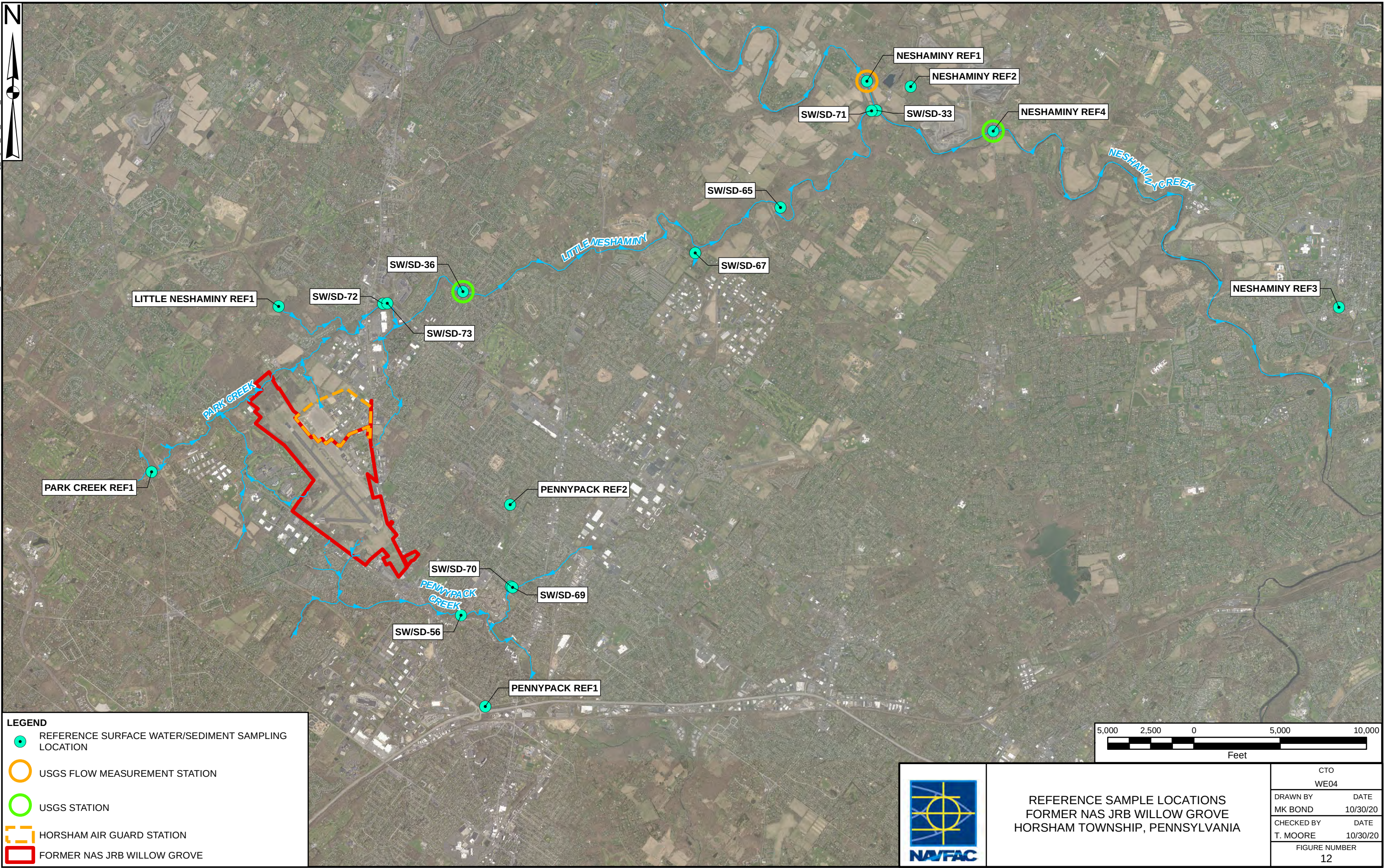


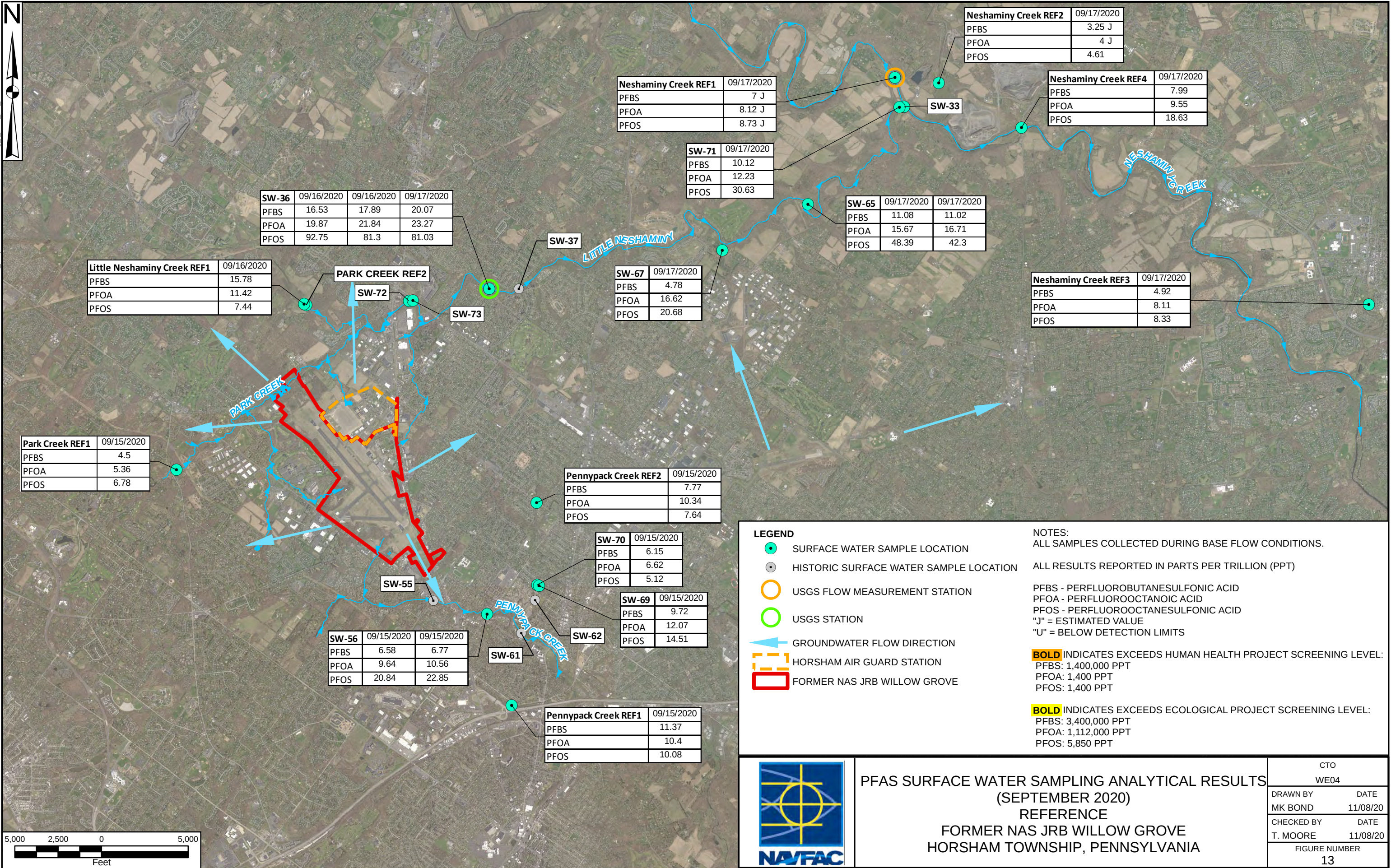
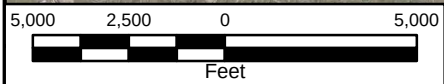
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LEGEND

- SURFACE WATER SAMPLE LOCATION
- HISTORIC SURFACE WATER SAMPLE LOCATION
- USGS FLOW MEASUREMENT STATION
- USGS STATION
- GROUNDWATER FLOW DIRECTION
- HORSHAM AIR GUARD STATION
- FORMER NAS JRB WILLOW GROVE

NOTES:
ALL SAMPLES COLLECTED DURING BASE FLOW CONDITIONS.
ALL RESULTS REPORTED IN PARTS PER TRILLION (PPT)

PFBS - PERFLUOROBUTANESULFONIC ACID
PFOA - PERFLUOROOCTANOIC ACID
PFOS - PERFLUOROOCTANESULFONIC ACID
"J" = ESTIMATED VALUE
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BOLD INDICATES EXCEEDS HUMAN HEALTH PROJECT SCREENING LEVEL:
PFBS: 1,400,000 PPT
PFOA: 1,400 PPT
PFOS: 1,400 PPT

BOLD INDICATES EXCEEDS ECOLOGICAL PROJECT SCREENING LEVEL:
PFBS: 3,400,000 PPT
PFOA: 1,112,000 PPT
PFOS: 5,850 PPT



PFAS SURFACE WATER SAMPLING ANALYTICAL RESULTS
(SEPTEMBER 2020)
REFERENCE
FORMER NAS JRB WILLOW GROVE
HORSHAM TOWNSHIP, PENNSYLVANIA

CTO WE04	
DRAWN BY MK BOND	DATE 11/08/20
CHECKED BY T. MOORE	DATE 11/08/20
FIGURE NUMBER 13	

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