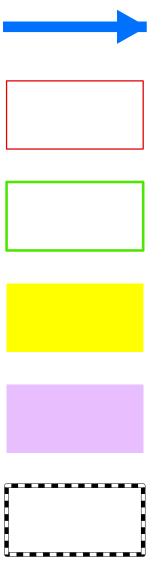
PFAS Off-Base Response, Joint Base McGuire-Dix-Lakehurst—New Jersey

AFFF Release Area 11

AFFF Release Area 1

AFFF Release Area 3 AFFF Release Area 2

AFFF Release Area 15 AFFF Release Area 12-AFFF Release Area 13 AFFF Release Area 6-**AFFF Release Area 9** AFFF Release Area 14-



Groundwater Flow Direction AFFF Release Area 2016-2022 Sampled Area Initial Focus Area Expanded Focus Area JBMDL

Legend

Notes: AFFF=aqueous film-forming foam JBMDL=Joint Base McGuire-Dix-Lakehurst PFAS=Per- and polyfluoroalkyl substances

McGuire

AFFF Release Area 4

AFFF Release Area 10

AFFF Release Area 19

AFFF Release Area 1

Dix

AFFF Release Area 8

AFFF Release Area 7 AFFF Release Area 5

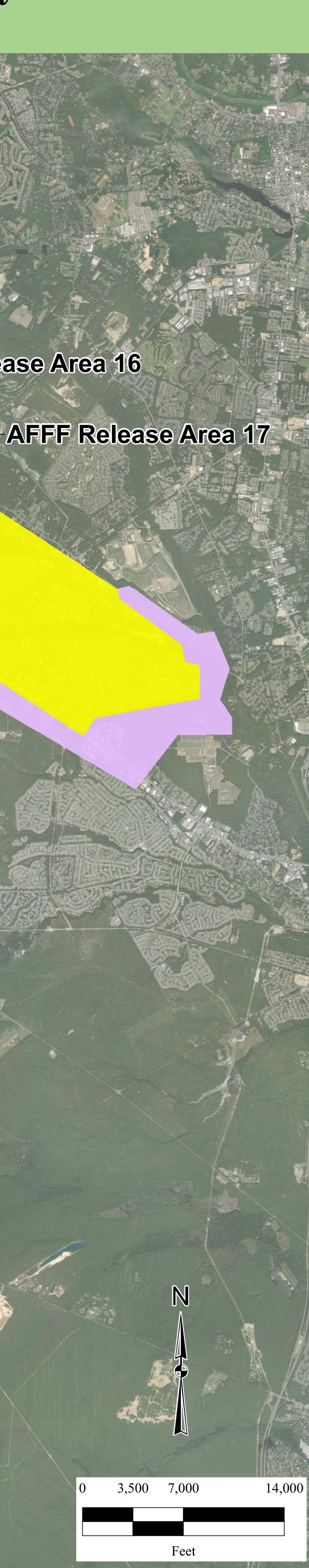
AFFF Release Area 16

Lakehurst

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AFFF Release Area 21

AFFF Release Area 20^{-/}



PFAS Off-Base Response McGuire Sampling Area, Joint Base McGuire-Dix-Lakehurst—New Jersey

Legend

- Future Surface Water Sample Location
- Nested Well Locations
- Surface Water Course
- Groundwater Flow Direction
- Township Boundary
- AFFF Release Area
- 2016-2022 Sampled Area
- Expanded Focus Area
- -----

JBMDL

Notes: AFFF=aqueous film-forming foam HFPO-DA=hexafluoropropylene oxide dimer acid JBMDL=Joint Base McGuire-Dix-Lakehurst ND=not detected ng/L=nanograms per liter PFAS=Per- and polyfluoroalkyl substances PFBS=perfluorobutane sulfonic acid PFHxS=perfluorohexane sulfonic acid PFNA=perfluorononanoic acid PFOA=perfluorooctanoic acid PFOS=perfluorooctanesulfonic acid SNA=Samples Not Analyzed; chemical included in samples beginning 2023.



North Hanover Township

Site 4 Groundwater Monitoring (December 20)22)
Number of Sampled Wells	6
Number of Wells with Detections	5
Range of PFOA Results (ng/L)	ND - 8.2
Range of PFOS Results (ng/L)	ND - 3.3
Range of PFNA Results (ng/L)	ND - 0.86
Range of HFPO-DA (GenX) Results (ng/L)	SNA
Range of PFHxS Results (ng/L)	ND - 6.9
Range of PFBS Results (ng/L)	0.55 - 1.9

Site 4 Drinking Water Summary (2016-2020)		
Number of Sampled Drinking Water Wells	30	
Number of Wells with Detections	1	
Number of Routine Monitoring Samples		
Range of PFOA+PFOS+PFNA Results (ng/L)	ND - 4	

Site 4

McGuire

AFFF Release Area 4^{-/}

AFFF Release Area 11

AFFF Release Area 1

AFFF Release Area 1

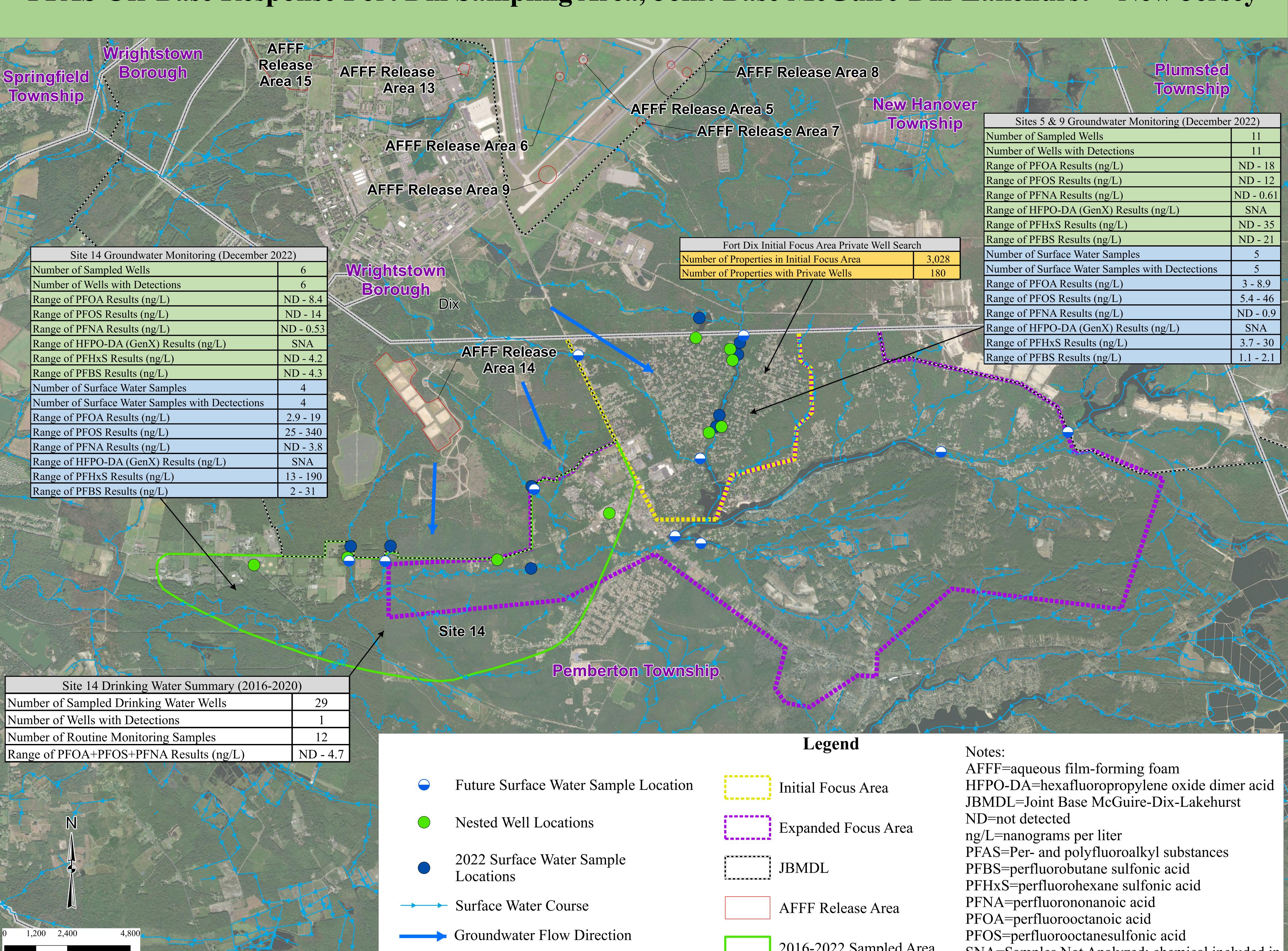
McGuire Initial Focus Area Private Well Search Number of Properties in Initial Focus Area Number of Properties with Private Wells

New Hanover Township

AFFF Release Area 10



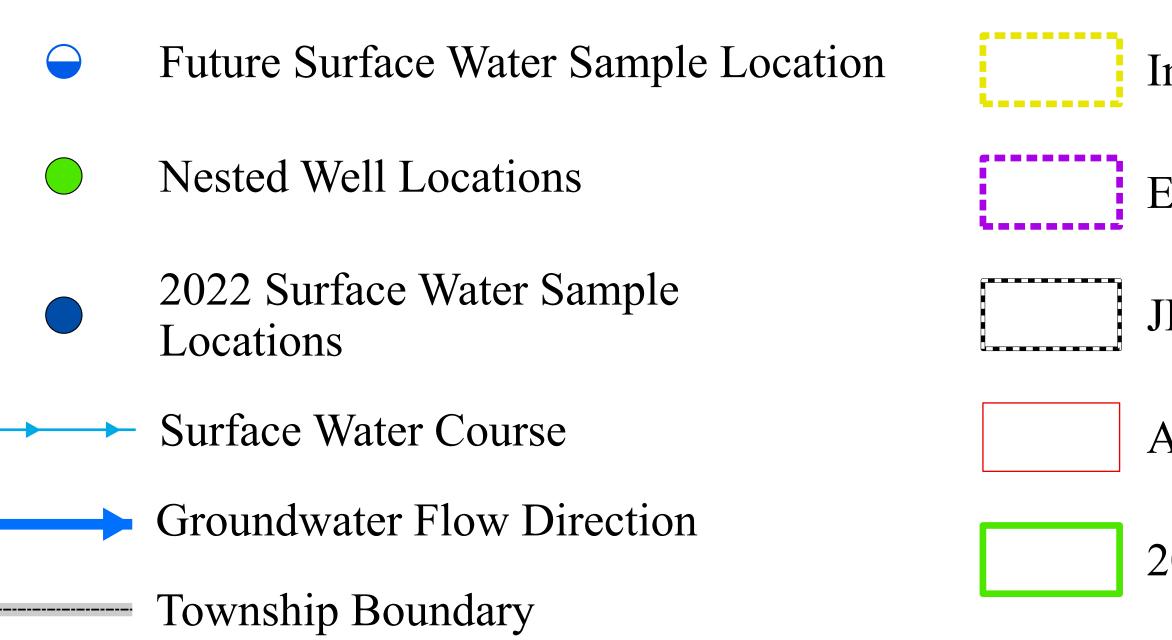
PFAS Off-Base Response Fort Dix Sampling Area, Joint Base McGuire-Dix-Lakehurst—New Jersey



Site 14 Groundwater Monitoring (December 2022)		
Number of Sampled Wells	6	
Number of Wells with Detections	6	
Range of PFOA Results (ng/L)	ND - 8.4	
Range of PFOS Results (ng/L)	ND - 14	
Range of PFNA Results (ng/L)	ND - 0.53	
Range of HFPO-DA (GenX) Results (ng/L)	SNA	
Range of PFHxS Results (ng/L)	ND - 4.2	
Range of PFBS Results (ng/L)	ND - 4.3	
Number of Surface Water Samples	4	
Number of Surface Water Samples with Dectections	4	
Range of PFOA Results (ng/L)	2.9 - 19	
Range of PFOS Results (ng/L)	25 - 340	
Range of PFNA Results (ng/L)	ND - 3.8	
Range of HFPO-DA (GenX) Results (ng/L)	SNA	
Range of PFHxS Results (ng/L)	13 - 190	
Range of PFBS Results (ng/L)	2 - 31	

Site 14 Drinking Water Summary (2016-2020)			
Number of Sampled Drinking Water Wells 29			
Number of Wells with Detections	1		
Number of Routine Monitoring Samples	12		
Range of PFOA+PFOS+PFNA Results (ng/L)	ND - 4.7		

Feet



2016-2022 Sampled Area

SNA=Samples Not Analyzed; chemical included in samples beginning 2023.

PFAS Off-Base Response Lakehurst Sampling Area, Joint Base McGuire-Dix-Lakehurst—New Jersey

	d. 15 [\$	
Site 16 Groundwater Monitoring (December 2	2022)	
Number of Sampled Wells	6	
Number of Wells with Detections	6	
Range of PFOA Results (ng/L)	1.0 - 8.8	
Range of PFOS Results (ng/L)	ND - 13	to the
Range of PFNA Results (ng/L)	ND - 2.2	
Range of HFPO-DA (GenX) Results (ng/L)	SNA	A m
Range of PFHxS Results (ng/L)	ND - 4.1	
Range of PFBS Results (ng/L)	ND - 1.7	
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Jackson Township AFFF Release Area 16

> AFFF Release Area 21

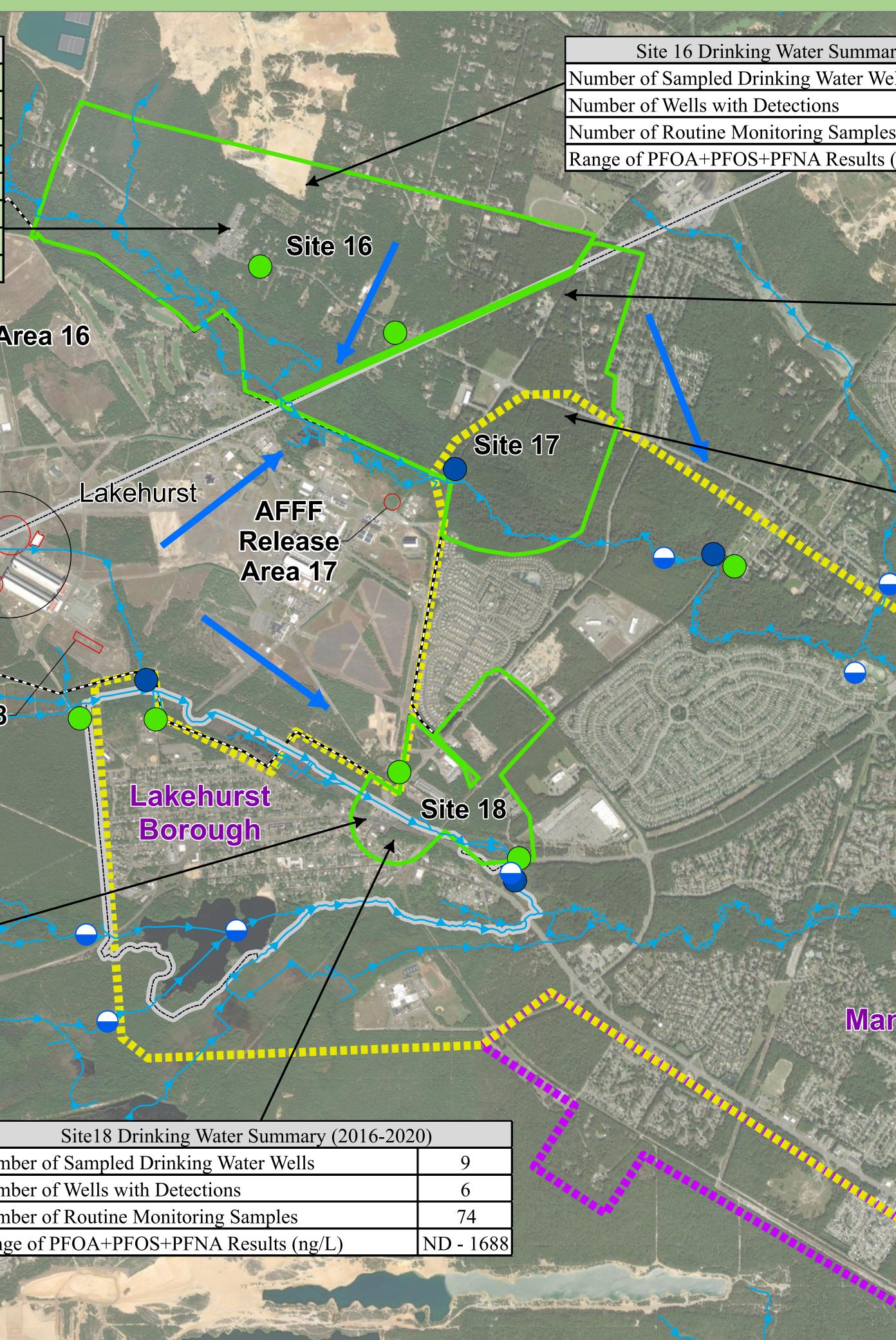
AFFF Release Area 20

AFFF Release Area 18

Manchester Township

	Site 18 Groundwater Monitoring (December 2	.022)		
Num	ber of Sampled Wells	24		
Num	ber of Wells with Detections	24		
Rang	ge of PFOA Results (ng/L)	ND - 46		
Rang	ge of PFOS Results (ng/L)	ND - 190		2
Rang	ge of PFNA Results (ng/L)	ND - 4.1		
Rang	ge of HFPO-DA (GenX) Results (ng/L)	SNA		
Rang	ge of PFHxS Results (ng/L)	ND - 79		
Rang	ge of PFBS Results (ng/L)	ND - 12		
Num	ber of Surface Water Samples	2	RT.	
Num	ber of Surface Water Samples with Dectections	2		Num
Rang	ge of PFOA Results (ng/L)	10 - 56		Num
Rang	ge of PFOS Results (ng/L)	31 - 260		Num
Rang	ge of PFNA Results (ng/L)	1.9 - 6.8		Rang
Rang	ge of HFPO-DA (GenX) Results (ng/L)	SNA		-37
Rang	ge of PFHxS Results (ng/L)	23 - 120	$\bigvee_{i=1}^{n}$	200
Rang	ge of PFBS Results (ng/L)	1.9 - 6.1		
		19		

\bigcirc	Future Surface Water Sample Location	
	Nested Well Locations	
	2022 Surface Water Sample Locations	
→	Surface Water Course	
	Groundwater Flow Direction	
	Township Boundary	



Legend

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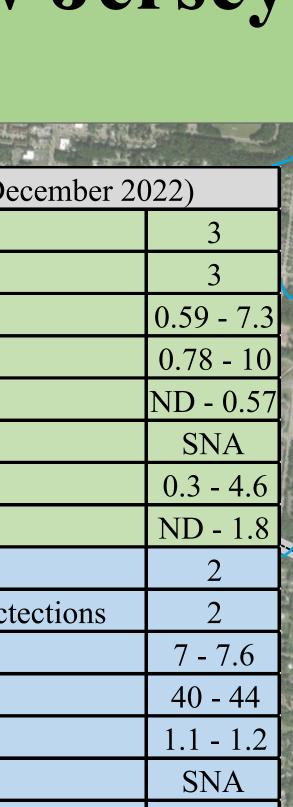
- Initial Focus Area
- Expanded Focus Area
- AFFF Release Area
- 2016-2022 Sampled Area
- JBMDL

Notes:

AFFF=aqueous film-forming foam HFPO-DA=hexafluoropropylene oxide JBMDL=Joint Base McGuire-Dix-Lak ND=not detected ng/L=nanograms per liter PFAS=Per- and polyfluoroalkyl substan PFBS=perfluorobutane sulfonic acid PFHxS=perfluorohexane sulfonic acid PFNA=perfluorononanoic acid PFOA=perfluorooctanoic acid PFOS=perfluorooctanesulfonic acid SNA=Samples Not Analyzed; chemical included in samples beginning 2023.

	THEN SELECTION AND AND AND AND AND AND AND AND AND AN
ary (2016-2020)	Site 17 Groundwater Monitoring (De
Tells 76	Number of Sampled Wells
16	Number of Wells with Detections
es 149	Range of PFOA Results (ng/L)
(ng/L) ND - 296	Range of PFOS Results (ng/L)
	Range of PFNA Results (ng/L)
	Range of HFPO-DA (GenX) Results (ng/L)
	Range of PFHxS Results (ng/L) Results (ng/L)
	Range of PFBS Results (ng/L) Number of Surface Water Semples
ASIAN AND AND AND AND AND AND AND AND AND A	Number of Surface Water Samples Number of Surface Water Samples with Dected
	Range of PFOA Results (ng/L)
	Range of PFOS Results (ng/L)
	Range of PFNA Results (ng/L)
	Range of HFPO-DA (GenX) Results (ng/L)
	Range of PFHxS Results (ng/L)
	Range of PFBS Results (ng/L)
	Site 17 Drinking Water Summary (2016-2020)
	Number of Sampled Drinking Water Wells
A A CAL	Number of Wells with Detections
	Number of Routine Monitoring Samples
	Range of PFOA+PFOS+PFNA Results (ng/L) ND
	Lakehurst Initial Focus Area Private Well Sea
	Number of Properties in Initial Focus Area
A Contraction of the second se	Number of Properties with Private Wells
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