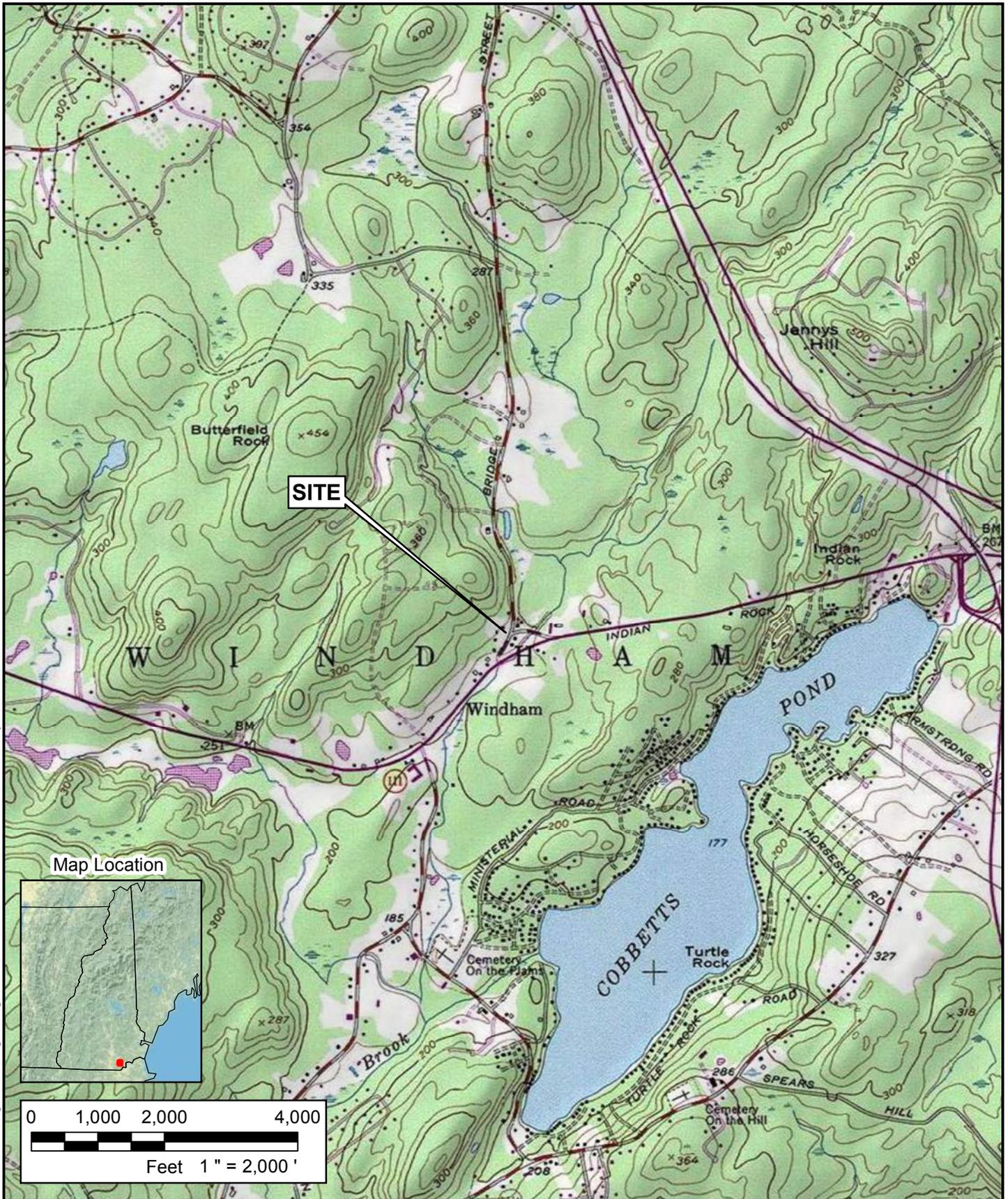


J:\94200.00 - Town of Windham PFAS Investigation\GIS\Figures\Figure 1 Windham PFAS Locus.mxd 7/12/2018 10:07 jstewart

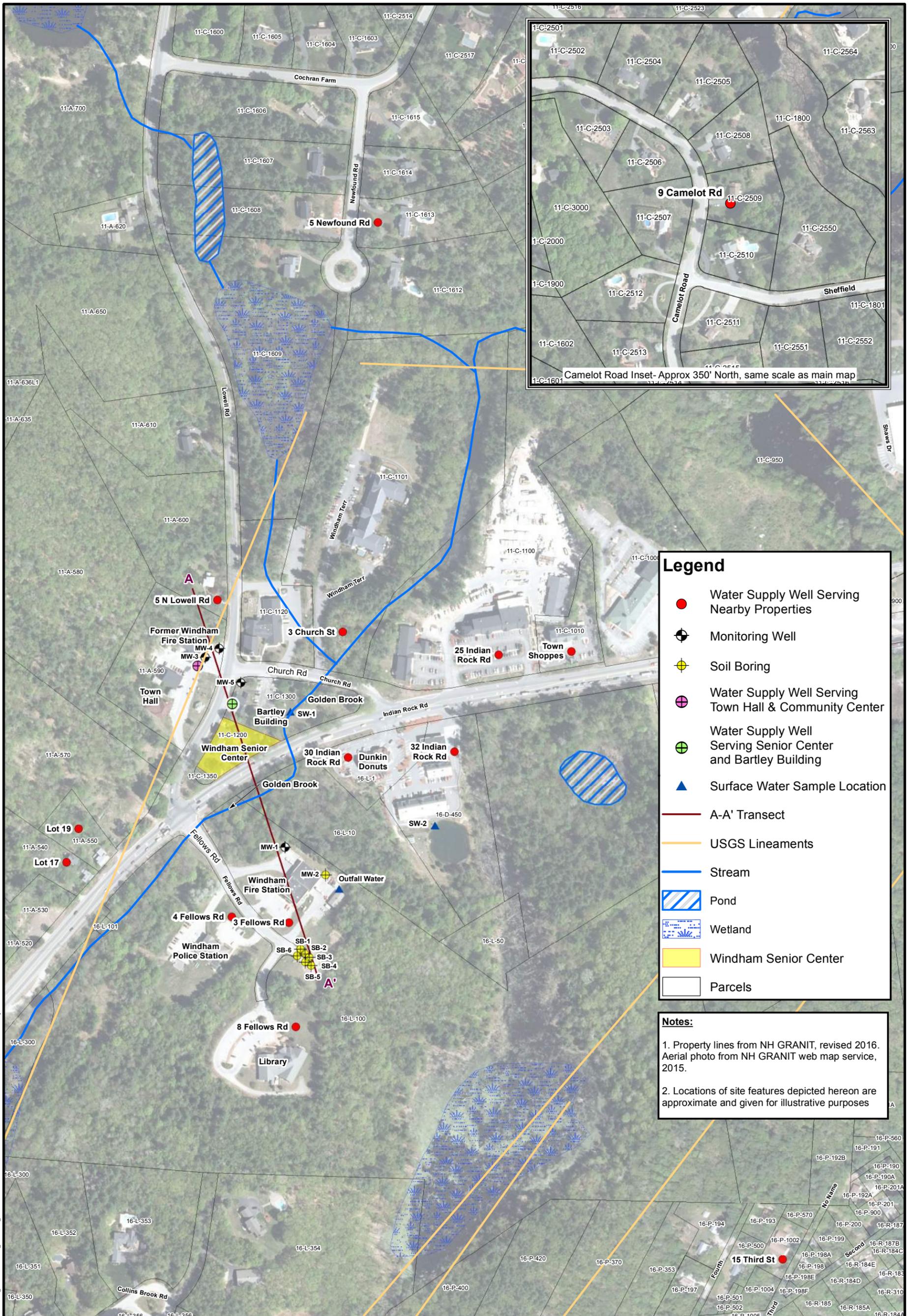


USGS Topographic Map
 Windham, N.H.
 Revised 1985



nobis
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FIGURE 1	
LOCUS MAP	
WINDHAM SENIOR CENTER AREA	
SITE INVESTIGATION	
2 N. LOWELL ROAD	
WINDHAM, NEW HAMPSHIRE	
PREPARED BY: JH	CHECKED BY: JL
PROJECT NO. 94200.00	DATE: JUNE 2018

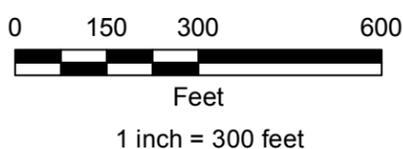


Legend

- Water Supply Well Serving Nearby Properties
- ⊕ Monitoring Well
- ⊕ Soil Boring
- ⊕ Water Supply Well Serving Town Hall & Community Center
- ⊕ Water Supply Well Serving Senior Center and Bartley Building
- ▲ Surface Water Sample Location
- A-A' Transect
- USGS Lineaments
- Stream
- Pond
- Wetland
- Windham Senior Center
- Parcels

Notes:

- Property lines from NH GRANIT, revised 2016. Aerial photo from NH GRANIT web map service, 2015.
- Locations of site features depicted hereon are approximate and given for illustrative purposes



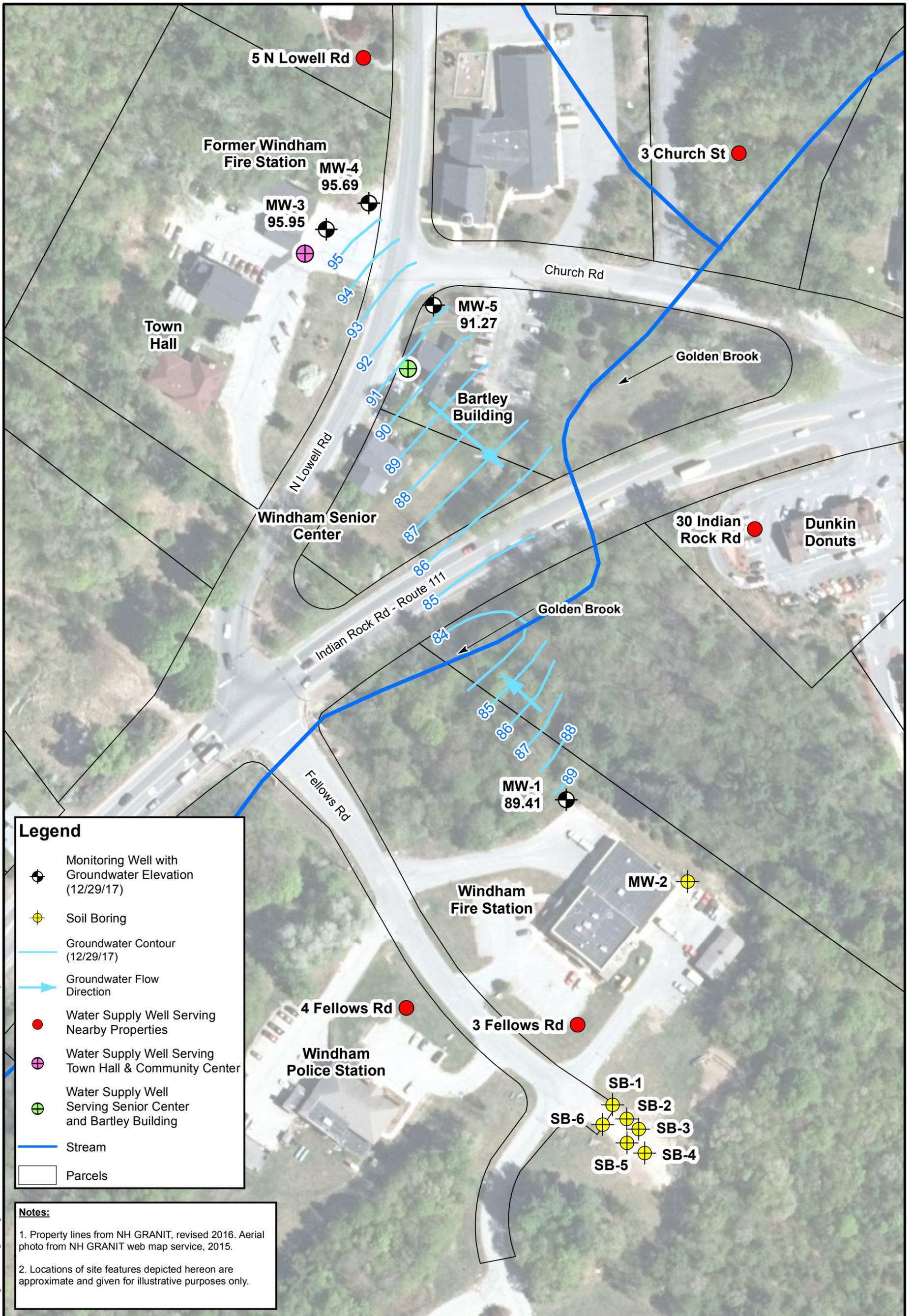
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FIGURE 2

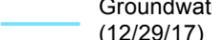
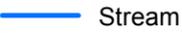
SITE VICINITY MAP
WINDHAM SENIOR CENTER AREA
SITE INVESTIGATION
2 N. LOWELL ROAD
WINDHAM, NEW HAMPSHIRE

PREPARED BY: JH
PROJECT NO. 94200.00

CHECKED BY: JL
DATE: JUNE 2018



Legend

-  Monitoring Well with Groundwater Elevation (12/29/17)
-  Soil Boring
-  Groundwater Contour (12/29/17)
-  Groundwater Flow Direction
-  Water Supply Well Serving Nearby Properties
-  Water Supply Well Serving Town Hall & Community Center
-  Water Supply Well Serving Senior Center and Bartley Building
-  Stream
-  Parcels

Notes:

1. Property lines from NH GRANIT, revised 2016. Aerial photo from NH GRANIT web map service, 2015.
2. Locations of site features depicted hereon are approximate and given for illustrative purposes only.

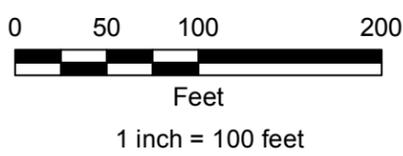
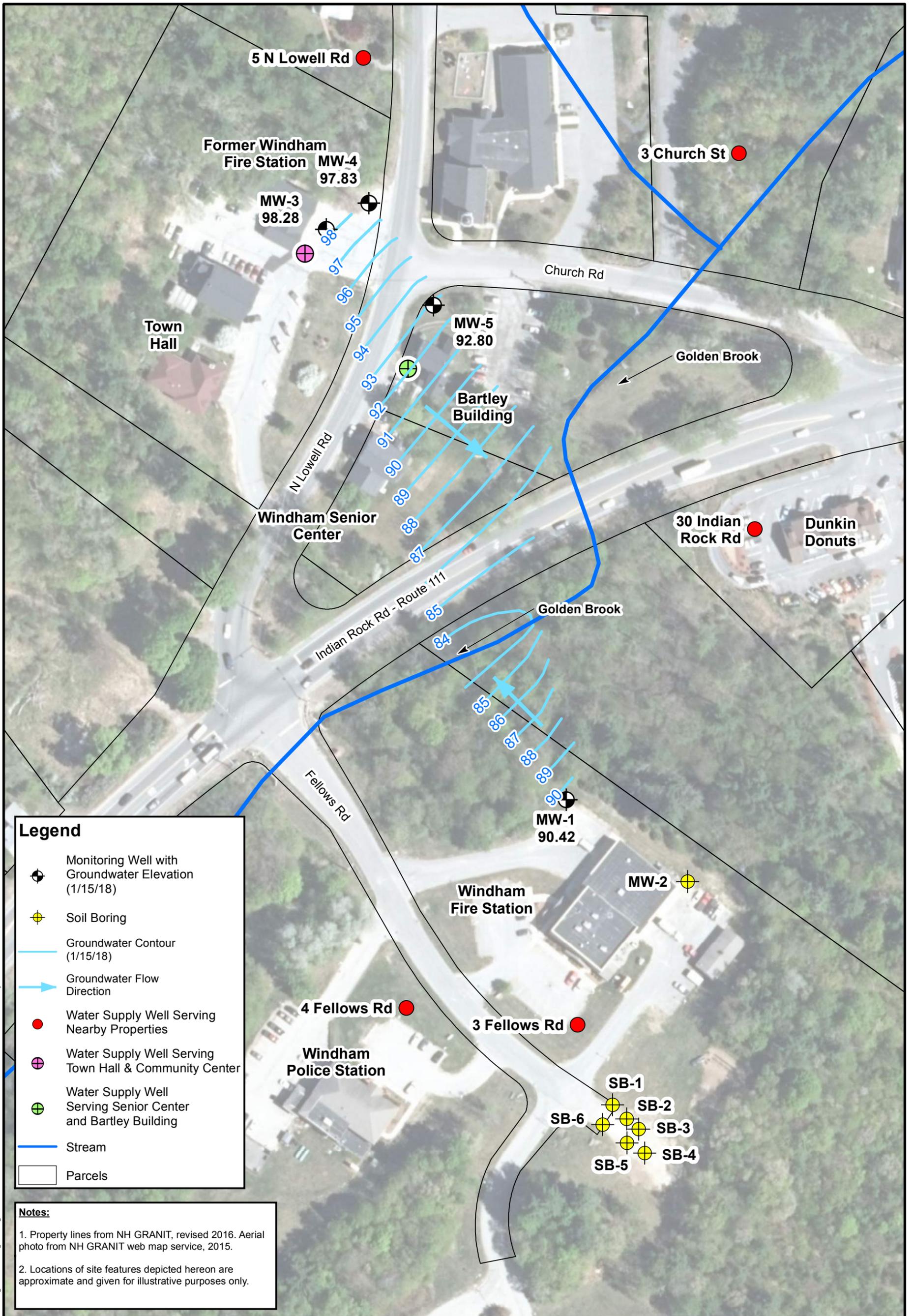


FIGURE 3
 GROUNDWATER CONTOUR PLAN 12/29/2017
 WINDHAM SENIOR CENTER AREA
 SITE INVESTIGATION
 2 N. LOWELL ROAD
 WINDHAM, NEW HAMPSHIRE

PREPARED BY: JH	CHECKED BY: JL
PROJECT NO. 94200.00	DATE: JUNE 2018



Legend

- Monitoring Well with Groundwater Elevation (1/15/18)
- Soil Boring
- Groundwater Contour (1/15/18)
- Groundwater Flow Direction
- Water Supply Well Serving Nearby Properties
- Water Supply Well Serving Town Hall & Community Center
- Water Supply Well Serving Senior Center and Bartley Building
- Stream
- Parcels

Notes:

1. Property lines from NH GRANIT, revised 2016. Aerial photo from NH GRANIT web map service, 2015.
2. Locations of site features depicted hereon are approximate and given for illustrative purposes only.

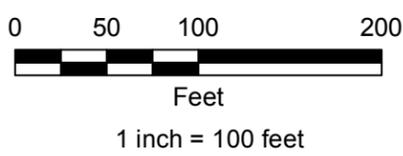
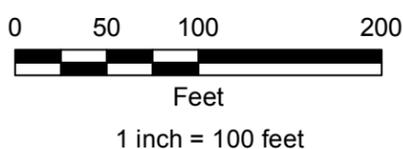
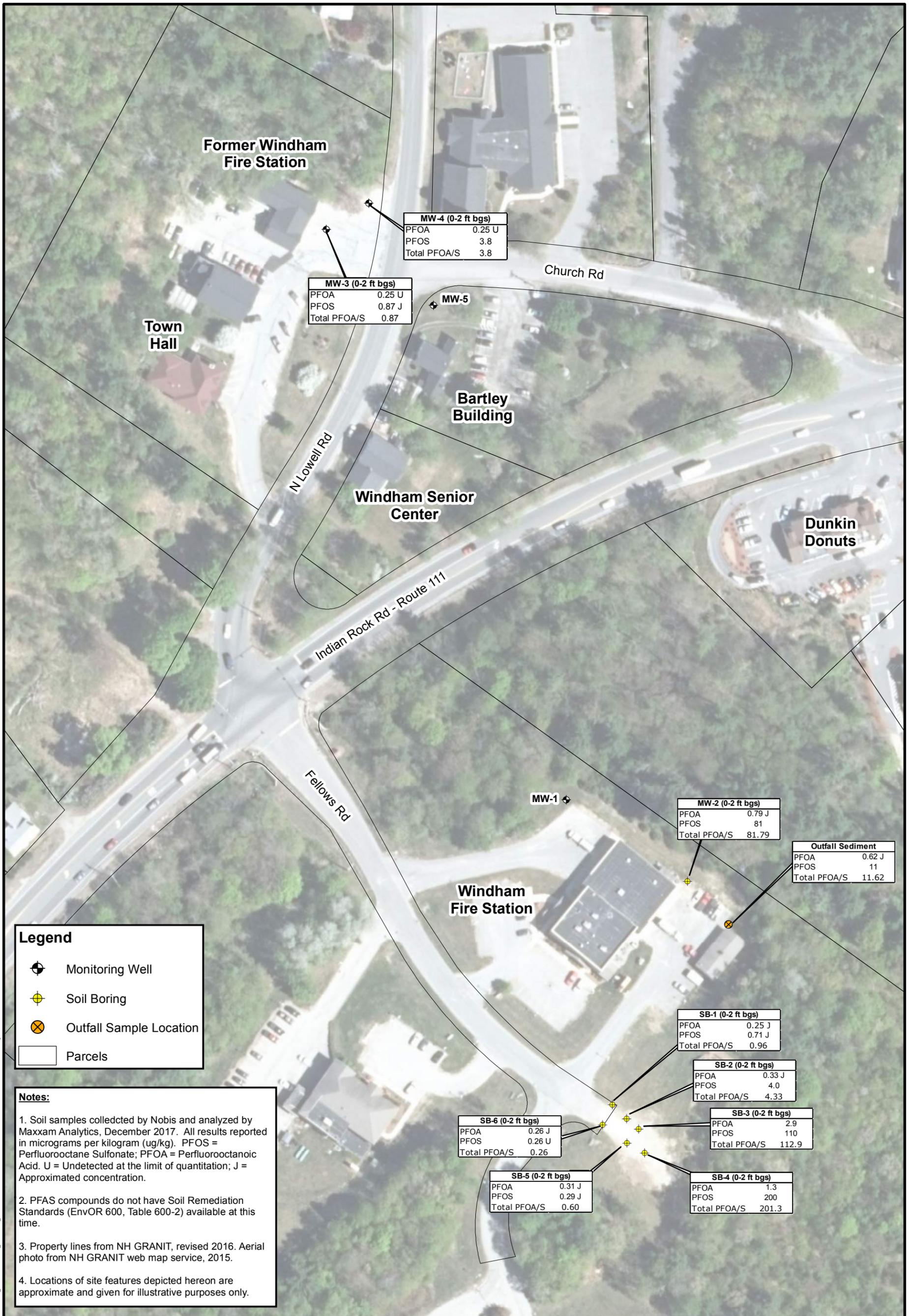


FIGURE 4
 GROUNDWATER CONTOUR PLAN 1/15/2018
 WINDHAM SENIOR CENTER AREA
 SITE INVESTIGATION
 2 N. LOWELL ROAD
 WINDHAM, NEW HAMPSHIRE

PREPARED BY: JH	CHECKED BY: JL
PROJECT NO. 94200.00	DATE: JUNE 2018



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FIGURE 5

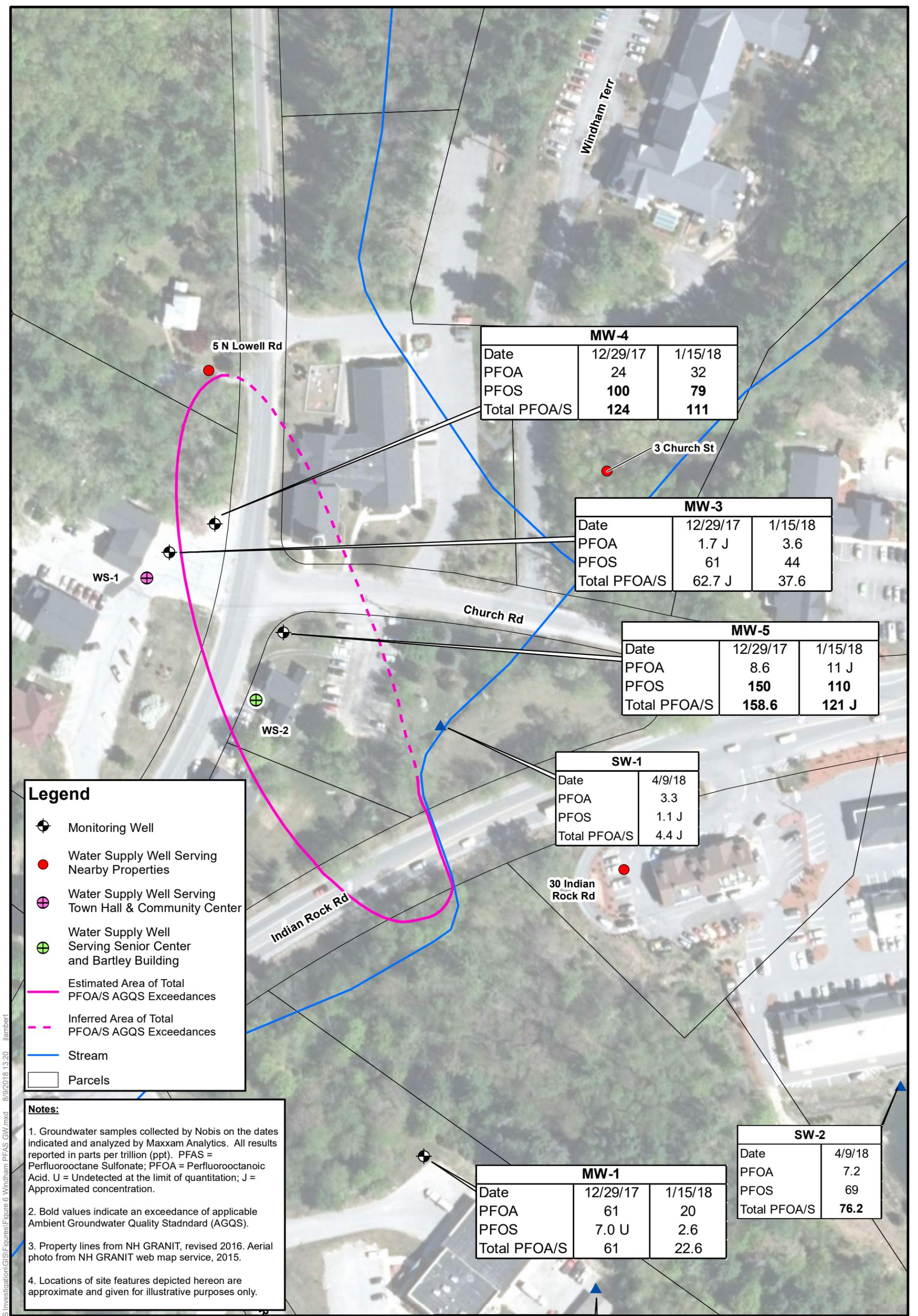
SOIL ANALYTICAL RESULTS
WINDHAM SENIOR CENTER AREA
SITE INVESTIGATION
2 N. LOWELL ROAD
WINDHAM, NEW HAMPSHIRE

PREPARED BY: JH

CHECKED BY: JL

PROJECT NO. 94200.00

DATE: JUNE 2018



Legend

- Monitoring Well
- Water Supply Well Serving Nearby Properties
- Water Supply Well Serving Town Hall & Community Center
- Water Supply Well Serving Senior Center and Bartley Building
- Estimated Area of Total PFOA/S AGQS Exceedances
- Inferred Area of Total PFOA/S AGQS Exceedances
- Stream
- Parcels

Notes:

- Groundwater samples collected by Nobis on the dates indicated and analyzed by Maxxam Analytics. All results reported in parts per trillion (ppt). PFAS = Perfluorooctane Sulfonate; PFOA = Perfluorooctanoic Acid. U = Undetected at the limit of quantitation; J = Approximated concentration.
- Bold values indicate an exceedance of applicable Ambient Groundwater Quality Standard (AGQS).
- Property lines from NH GRANIT, revised 2016. Aerial photo from NH GRANIT web map service, 2015.
- Locations of site features depicted hereon are approximate and given for illustrative purposes only.

MW-4		
Date	12/29/17	1/15/18
PFOA	24	32
PFOS	100	79
Total PFOA/S	124	111

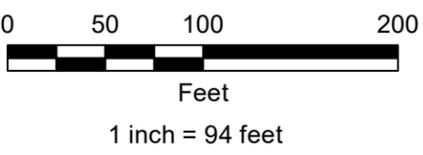
MW-3		
Date	12/29/17	1/15/18
PFOA	1.7 J	3.6
PFOS	61	44
Total PFOA/S	62.7 J	37.6

MW-5		
Date	12/29/17	1/15/18
PFOA	8.6	11 J
PFOS	150	110
Total PFOA/S	158.6	121 J

SW-1	
Date	4/9/18
PFOA	3.3
PFOS	1.1 J
Total PFOA/S	4.4 J

SW-2	
Date	4/9/18
PFOA	7.2
PFOS	69
Total PFOA/S	76.2

MW-1		
Date	12/29/17	1/15/18
PFOA	61	20
PFOS	7.0 U	2.6
Total PFOA/S	61	22.6



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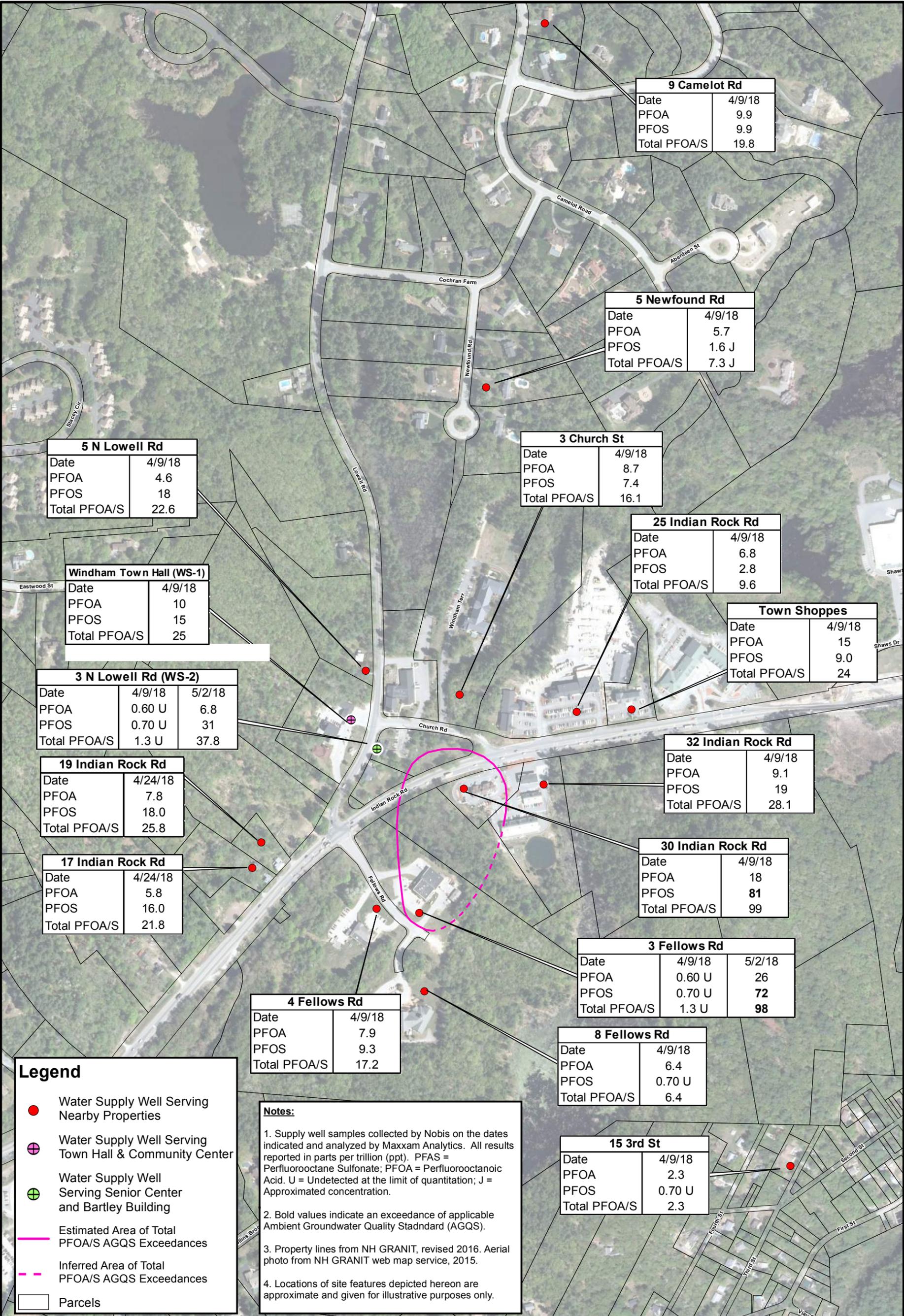
FIGURE 6

GROUNDWATER AND SURFACE WATER
ANALYTICAL RESULTS
WINDHAM SENIOR CENTER AREA
SITE INVESTIGATION
2 N. LOWELL ROAD
WINDHAM, NEW HAMPSHIRE

PREPARED BY: JH	CHECKED BY: JL
PROJECT NO. 94200.00	DATE: JUNE 2018

I:\94200.00 - Town of Windham PFAS Investigation\GIS\Figures\Figure 6 Windham PFAS GW.mxd 8/9/2018 13:20 jlbambert

D:\94200.00 - Town of Windham PFAS Investigation\GIS\Figures\Figure 7 Windham PFAS DWI.mxd 7/27/2018 15:41 istewart



9 Camelot Rd	
Date	4/9/18
PFOA	9.9
PFOS	9.9
Total PFOA/S	19.8

5 Newfound Rd	
Date	4/9/18
PFOA	5.7
PFOS	1.6 J
Total PFOA/S	7.3 J

5 N Lowell Rd	
Date	4/9/18
PFOA	4.6
PFOS	18
Total PFOA/S	22.6

3 Church St	
Date	4/9/18
PFOA	8.7
PFOS	7.4
Total PFOA/S	16.1

25 Indian Rock Rd	
Date	4/9/18
PFOA	6.8
PFOS	2.8
Total PFOA/S	9.6

Windham Town Hall (WS-1)	
Date	4/9/18
PFOA	10
PFOS	15
Total PFOA/S	25

Town Shoppes	
Date	4/9/18
PFOA	15
PFOS	9.0
Total PFOA/S	24

3 N Lowell Rd (WS-2)		
Date	4/9/18	5/2/18
PFOA	0.60 U	6.8
PFOS	0.70 U	31
Total PFOA/S	1.3 U	37.8

32 Indian Rock Rd	
Date	4/9/18
PFOA	9.1
PFOS	19
Total PFOA/S	28.1

19 Indian Rock Rd	
Date	4/24/18
PFOA	7.8
PFOS	18.0
Total PFOA/S	25.8

30 Indian Rock Rd	
Date	4/9/18
PFOA	18
PFOS	81
Total PFOA/S	99

17 Indian Rock Rd	
Date	4/24/18
PFOA	5.8
PFOS	16.0
Total PFOA/S	21.8

3 Fellows Rd		
Date	4/9/18	5/2/18
PFOA	0.60 U	26
PFOS	0.70 U	72
Total PFOA/S	1.3 U	98

4 Fellows Rd	
Date	4/9/18
PFOA	7.9
PFOS	9.3
Total PFOA/S	17.2

8 Fellows Rd	
Date	4/9/18
PFOA	6.4
PFOS	0.70 U
Total PFOA/S	6.4

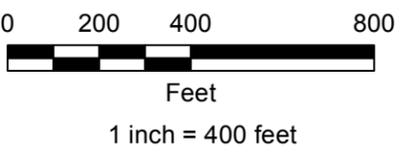
15 3rd St	
Date	4/9/18
PFOA	2.3
PFOS	0.70 U
Total PFOA/S	2.3

Legend

- Water Supply Well Serving Nearby Properties
- ⊕ Water Supply Well Serving Town Hall & Community Center
- ⊕ Water Supply Well Serving Senior Center and Bartley Building
- Estimated Area of Total PFOA/S AGQS Exceedances
- Inferred Area of Total PFOA/S AGQS Exceedances
- Parcels

Notes:

1. Supply well samples collected by Nobis on the dates indicated and analyzed by Maxxam Analytics. All results reported in parts per trillion (ppt). PFAS = Perfluorooctane Sulfonate; PFOA = Perfluorooctanoic Acid. U = Undetected at the limit of quantitation; J = Approximated concentration.
2. Bold values indicate an exceedance of applicable Ambient Groundwater Quality Standard (AGQS).
3. Property lines from NH GRANIT, revised 2016. Aerial photo from NH GRANIT web map service, 2015.
4. Locations of site features depicted hereon are approximate and given for illustrative purposes only.



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FIGURE 7

DRINKING WATER ANALYTICAL RESULTS
WINDHAM SENIOR CENTER AREA
SITE INVESTIGATION
2 N. LOWELL ROAD
WINDHAM, NEW HAMPSHIRE

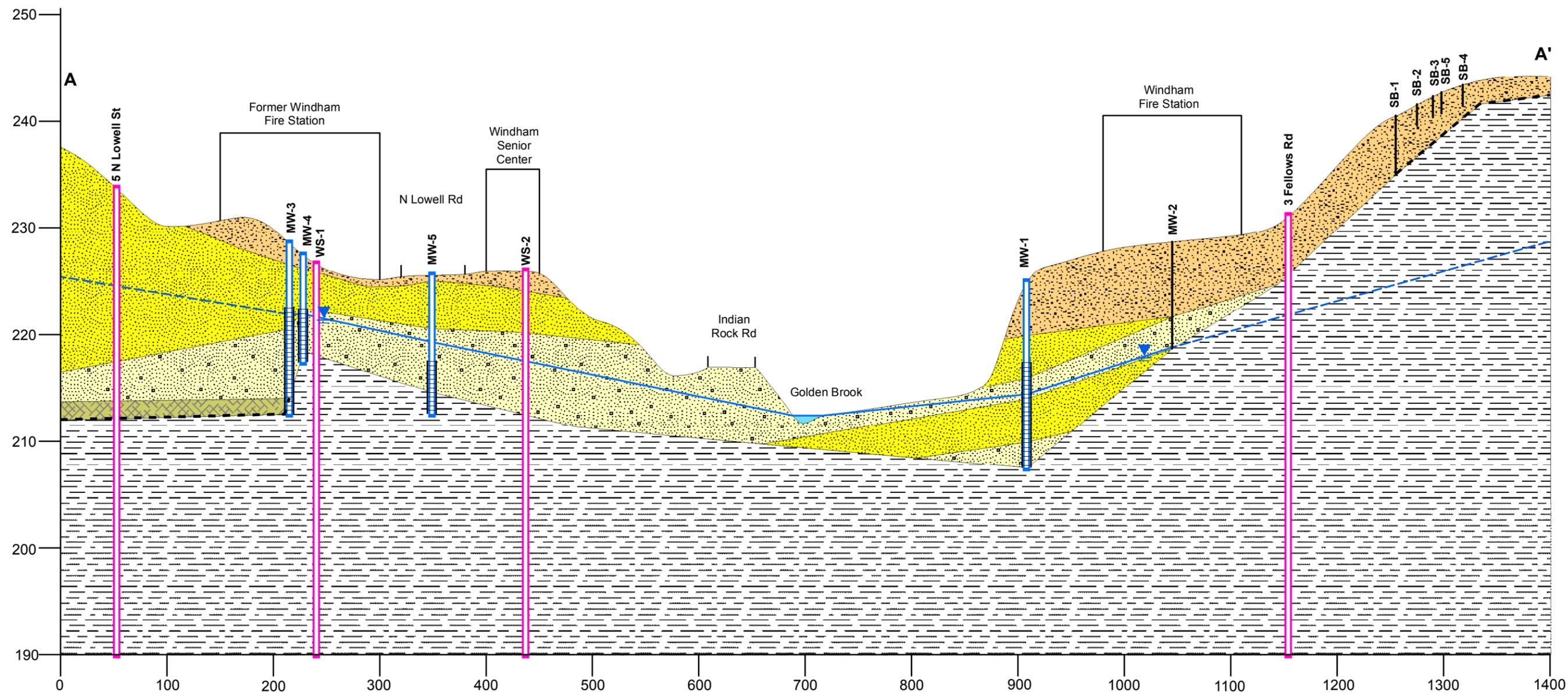
PREPARED BY: JH

CHECKED BY: JL

PROJECT NO. 94200.00

DATE: JUNE 2018

J:\194200.00 - Town of Windham PFAS Investigation\GIS\Figures\Figure 8 Windham PFAS Cross Section.mxd 7/27/2018 16:03 jstewart



Horizontal Scale - 1" = 100'
 Vertical Scale - 1" = 10'
 Vertical Exaggeration = 10X

- Notes:**
1. Total depths of bedrock water supply wells unknown.
 2. Locations of site features depicted hereon are approximate and given for illustrative purposes only.

Legend			
	Fill		Surface Water
	Sand		Weathered Bedrock
	Silty Sand		Bedrock
	Monitoring Well		Water Supply Well
	Screened Interval		

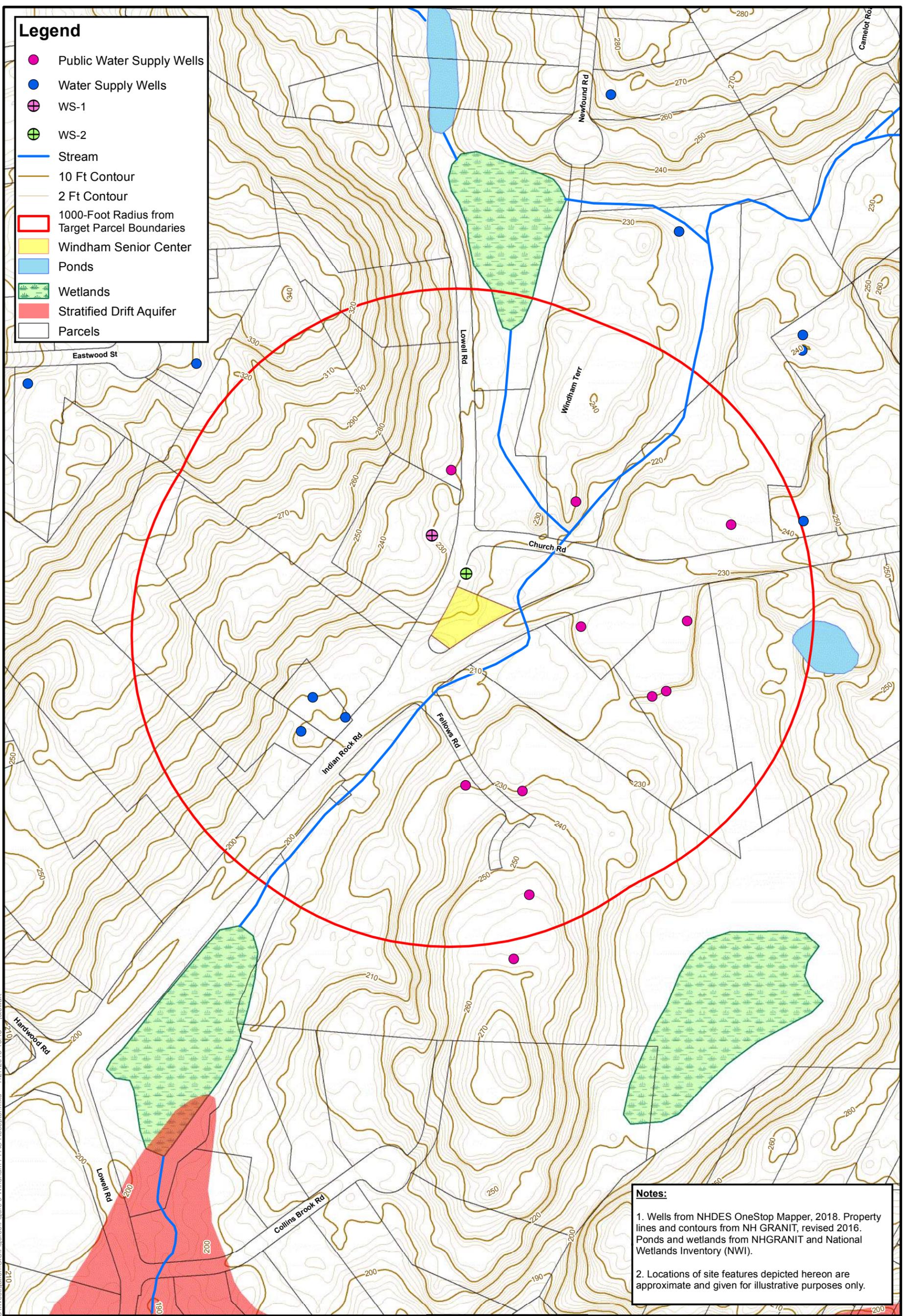
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FIGURE 8

CROSS SECTION A-A'
 WINDHAM SENIOR CENTER AREA
 SITE INVESTIGATION
 2 N. LOWELL ROAD
 WIDNHAM, NEW HAMPSHIRE

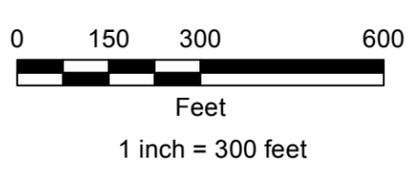
PREPARED BY: JH	CHECKED BY: JL
PROJECT NO. 94200.00	DATE: JUNE 2018

- Legend**
- Public Water Supply Wells
 - Water Supply Wells
 - ⊕ WS-1
 - ⊕ WS-2
 - Stream
 - 10 Ft Contour
 - 2 Ft Contour
 - 1000-Foot Radius from Target Parcel Boundaries
 - Windham Senior Center
 - Ponds
 - Wetlands
 - Stratified Drift Aquifer
 - Parcels



Notes:

1. Wells from NHDES OneStop Mapper, 2018. Property lines and contours from NH GRANIT, revised 2016. Ponds and wetlands from NHGRANIT and National Wetlands Inventory (NWI).
2. Locations of site features depicted hereon are approximate and given for illustrative purposes only.



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FIGURE 9	
RECEPTOR MAP WINDHAM SENIOR CENTER AREA SITE INVESTIGATION 2 N. LOWELL ROAD WINDHAM, NEW HAMPSHIRE	
PREPARED BY: JH	CHECKED BY: JL
PROJECT NO. 94200.00	DATE: JUNE 2018

I:\94200.00 - Town of Windham PFAS Investigation\GIS\Figures\Figure 9 Windham PFAS Receptor.mxd 7/27/2018 16:13 jstewart