

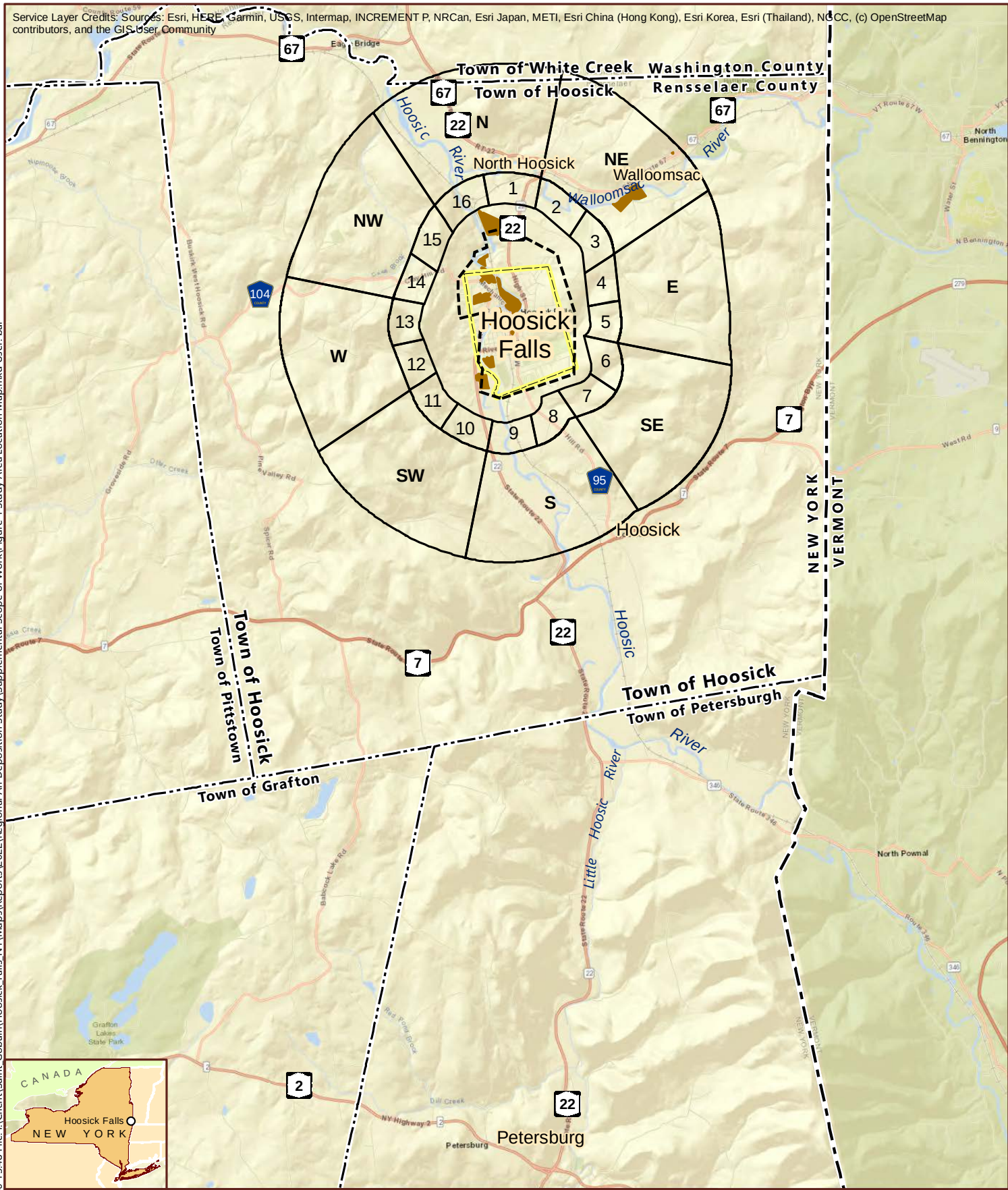
Appendices

Appendix A-1

Figures from Regional Air Deposition Study

Data Summary Report (Sept. 2022)

Figure 1	Study Area Location Map
Figure 2	Regional Topography
Figure 3A	Soil Sampling Locations (Aerial Base)
Figure 3B	Soil Sampling Locations (LiDAR Base)
Figure 4A	PFOA in Surface Soils
Figure 4B	PFOA in Near Surface Soils
Figure 4C	PFOA in Sub Surface Soils
Figure 5A	PFOS in Surface Soils
Figure 5B	PFOS in Near Surface Soils
Figure 5C	PFOS in Sub Surface Soils
Figure 6A	PFBA in Surface Soils
Figure 6B	PFBA in Near Surface Soils
Figure 6C	PFBA in Sub Surface Soils
Figure 7A	PFPeA in Surface Soils
Figure 7B	PFPeA in Near Surface Soils
Figure 7C	PFPeA in Sub Surface Soils
Figure 8A	PFHxA in Surface Soils
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Figure 9A	PFHpA in Surface Soils
Figure 9B	PFHpA in Near Surface Soils
Figure 9C	PFHpA in Sub Surface Soils
Figure 10A	PFNA in Surface Soils
Figure 10B	PFNA in Near Surface Soils
Figure 10C	PFNA in Sub Surface Soils
Figure 11A	PFDA in Surface Soils
Figure 11B	PFDA in Near Surface Soils
Figure 12A	PFUnA in Surface Soils
Figure 12B	PFUnA in Near Surface Soils
Figure 13	PFDoA in Surface Soils
Figure 14	PFTriA in Surface Soils



- Site of Interest Boundary
- Current OU-01 Boundary
- Soil Sampling Sector Boundary
- Hoosick Falls Village Limits
- Town Boundary

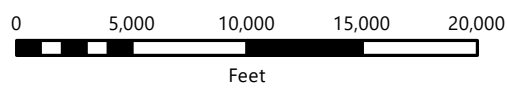
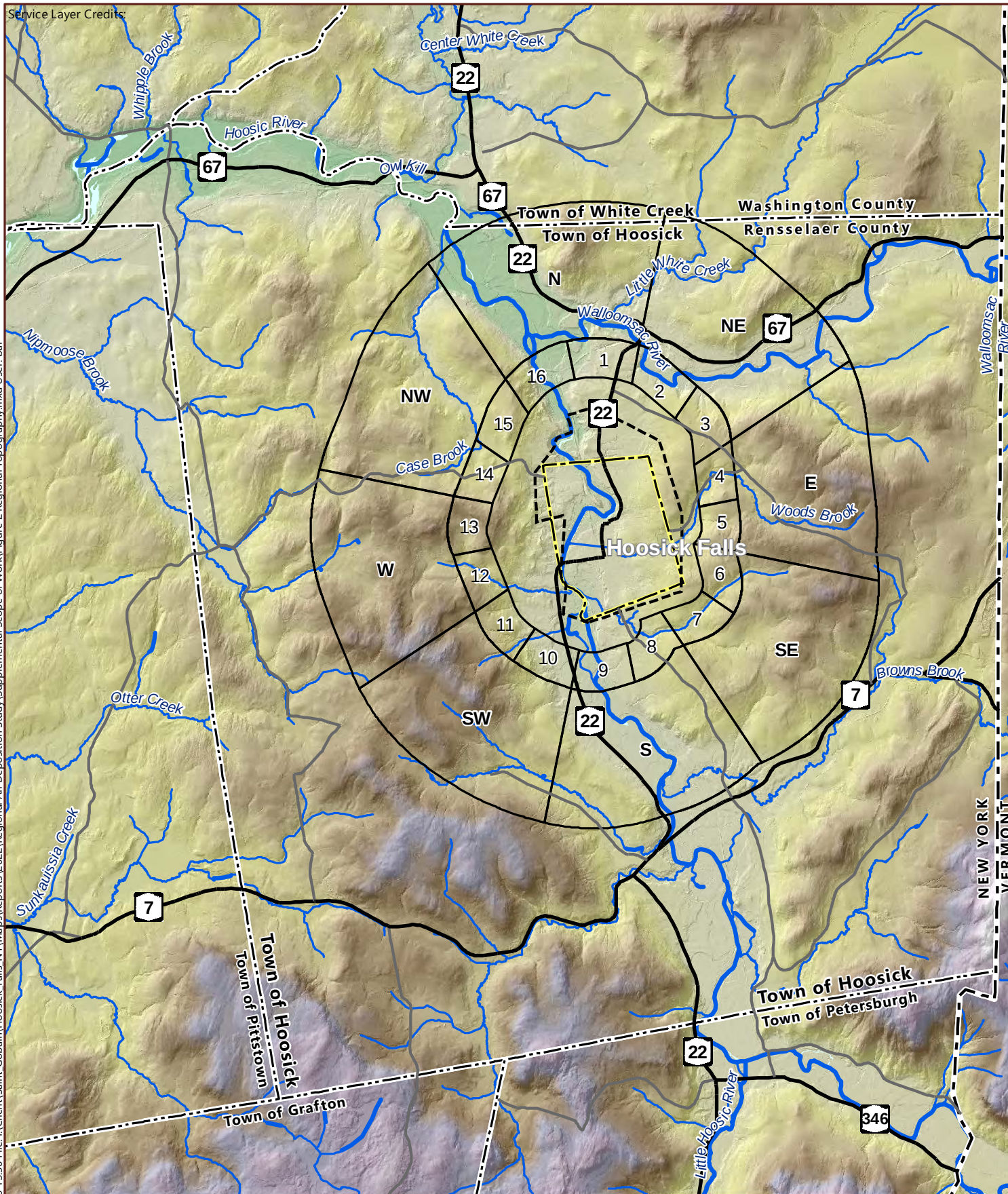


FIGURE 1

**STUDY AREA
LOCATION MAP**

Data Summary Report for the
Supplemental Scope of Work:
Regional Air Deposition Study
Hoosick Falls, NY



- Soil Sampling Sector Boundary
- Current OU-01 Boundary
- Hoosick Falls Village Limits
- Town Boundary

Elevations shown are in feet above mean sea level

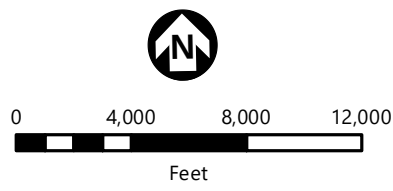
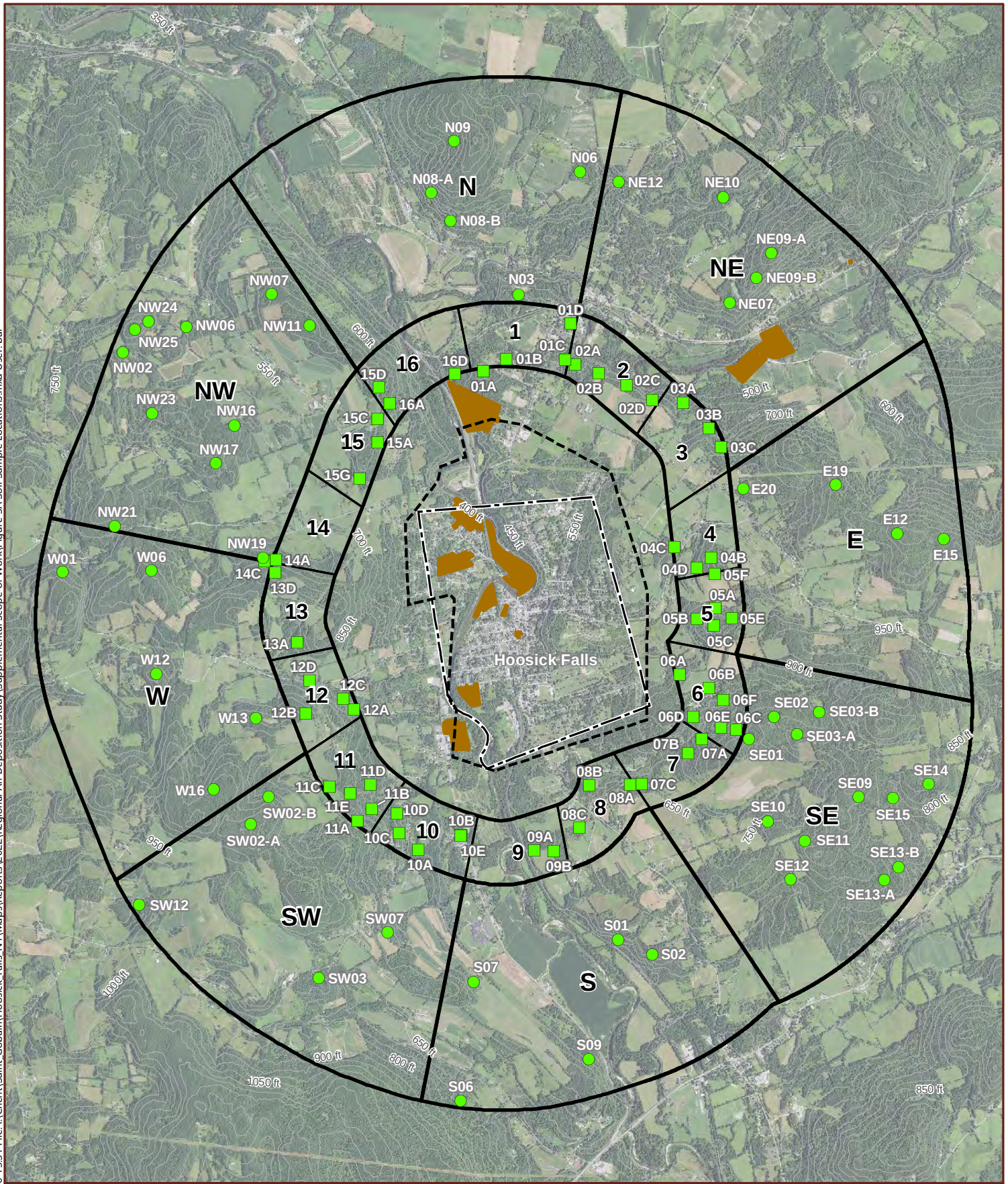


FIGURE 2

REGIONAL TOPOGRAPHY
Data Summary Report for the
Supplemental Scope of Work:
Regional Air Deposition Study
Hoosick Falls, NY



- First Scope Locations
- Supplemental Scope Locations
- Soil Sampling Sector Boundary
- Current OU-01 Boundary
- Sites of Interest
- Hoosick Falls Village Limits

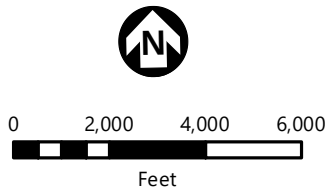
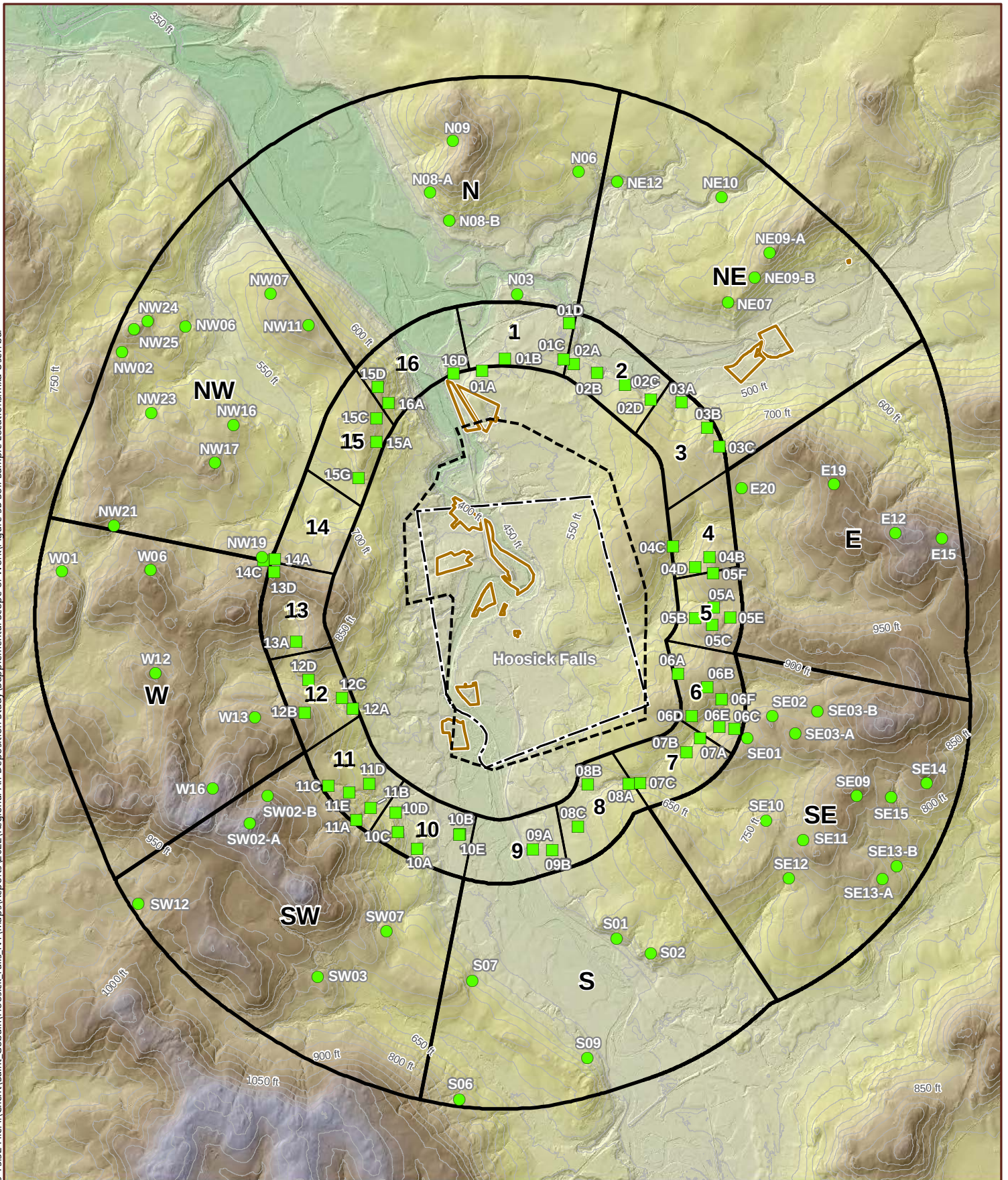


FIGURE 3A

SOIL SAMPLE LOCATIONS
Data Summary Report for the
Supplemental Scope of Work:
Regional Air Deposition Study
Hoosick Falls, NY



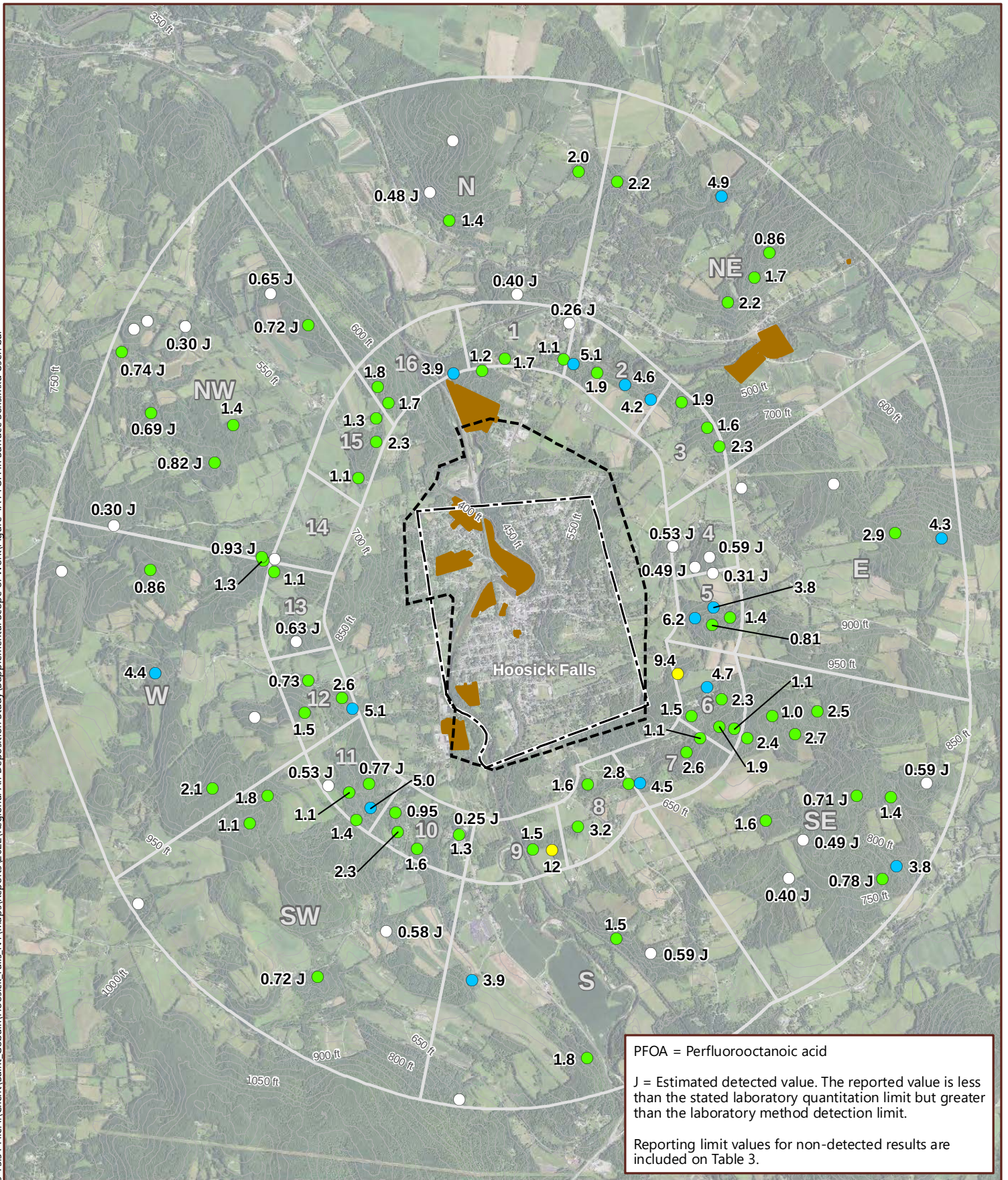
- Supplemental Scope Locations
- First Scope Locations
- Soil Sampling Sector Boundary
- Current OU-01 Boundary
- Sites of Interest
- Hoosick Falls Village Limits



FIGURE 3B

SOIL SAMPLE LOCATIONS

Data Summary Report for the
Supplemental Scope of Work:
Regional Air Deposition Study
Hoosick Falls, NY



PFOA Concentrations

- 0 - 0.66
 - >0.66 - 3.3
 - >3.3 - 6.6
 - >6.6 - 12
- "0" = ND
ppb = parts per billion and nanograms per gram (ng/g).
- Soil Sampling Sector Boundary
 - Current OU-01 Boundary
 - Sites of Interest
 - Hoosick Falls Village Limits



0 2,000 4,000 6,000
Feet

FIGURE 4A

PFOA IN SURFACE SOILS
Data Summary Report for the
Supplemental Scope of Work:
Regional Air Deposition Study
Hoosick Falls, NY

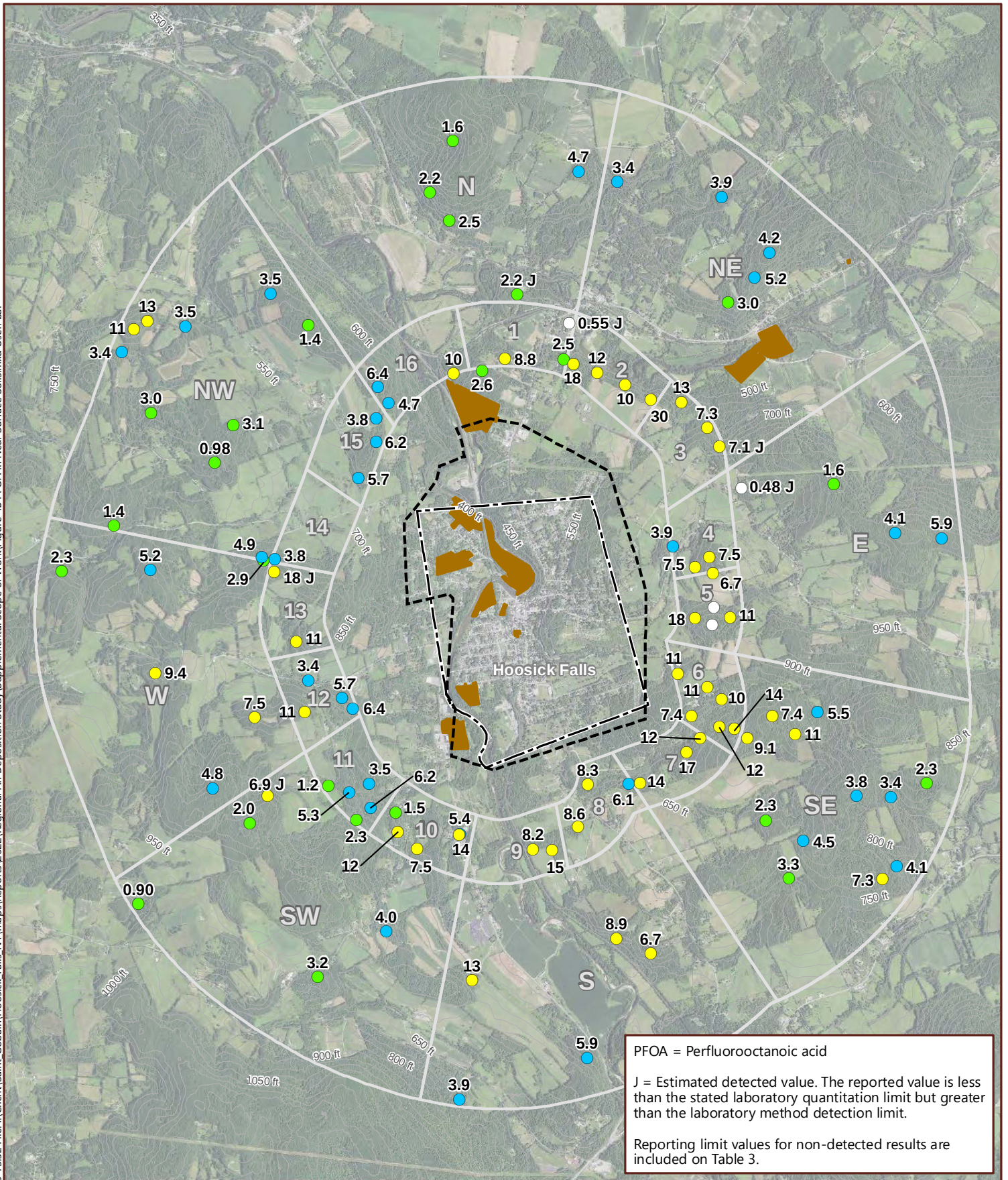


FIGURE 4B

PFOA IN NEAR SURFACE SOILS
Data Summary Report for the
Supplemental Scope of Work:
Regional Air Deposition Study
Hoosick Falls, NY

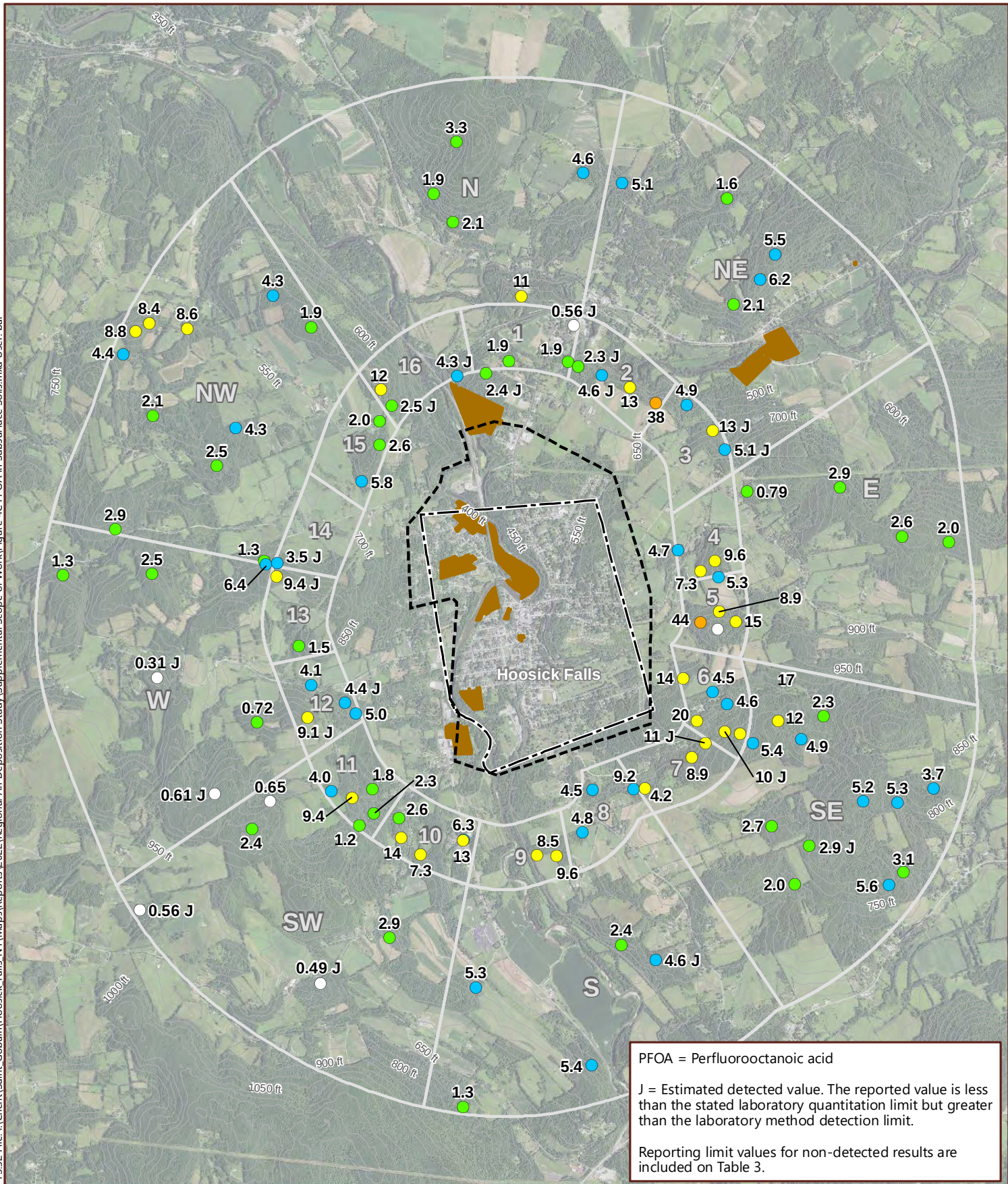


FIGURE 4C

PFOA IN SUBSURFACE SOILS
Data Summary Report for the
Supplemental Scope of Work:
Regional Air Deposition Study
Hoosick Falls, NY

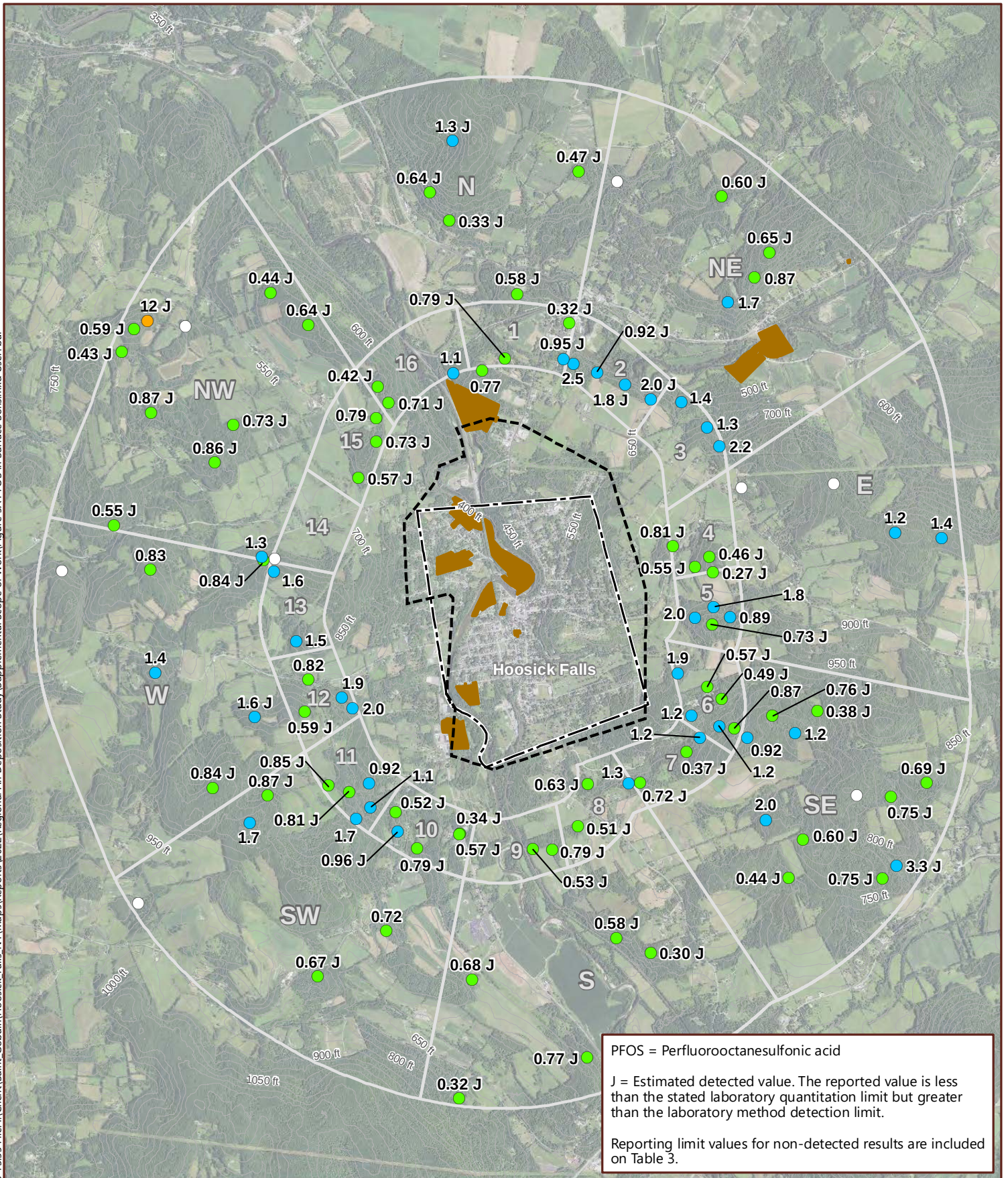
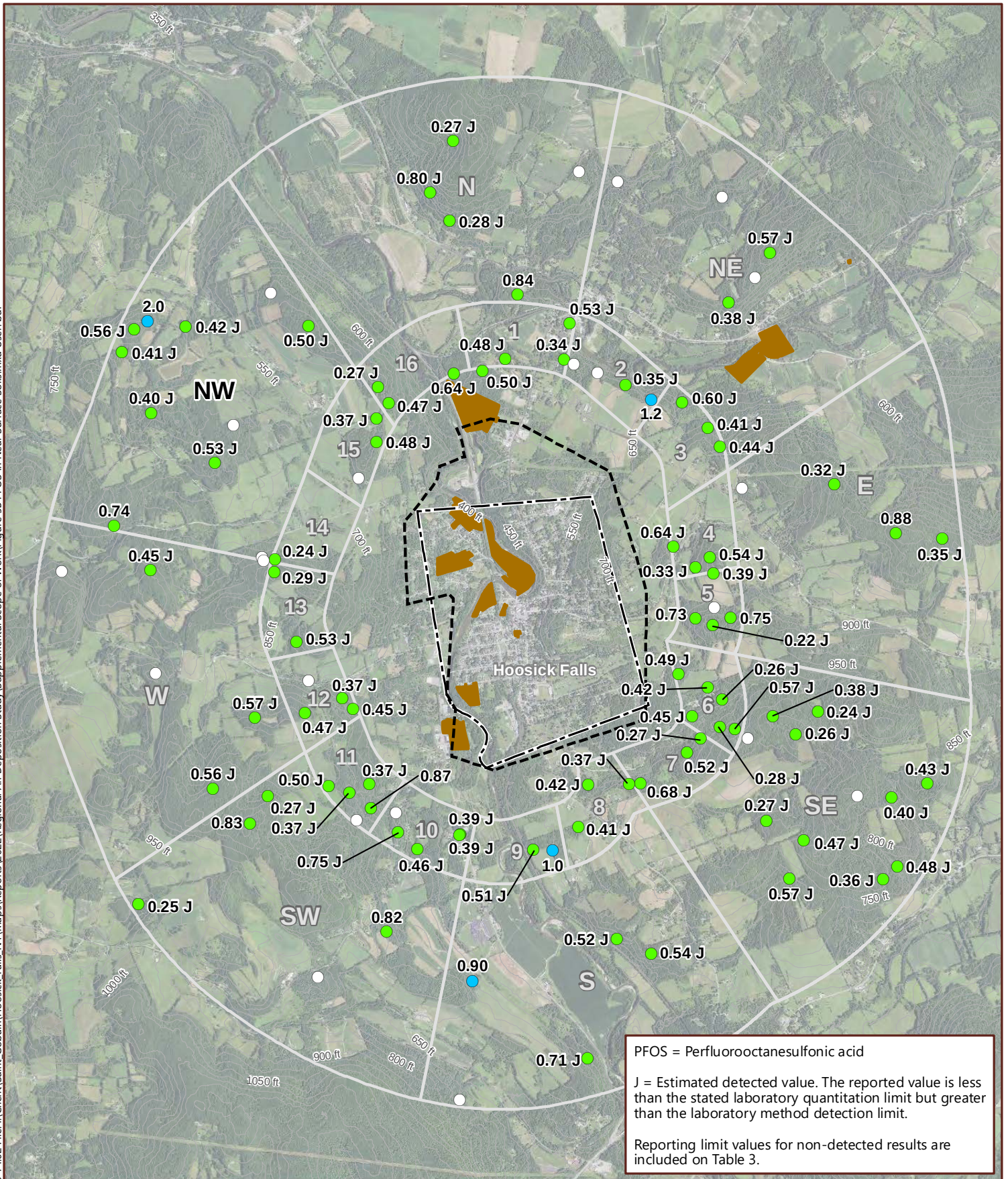


FIGURE 5A

PFOS IN SURFACE SOILS
Data Summary Report for the
Supplemental Scope of Work:
Regional Air Deposition Study
Hoosick Falls, NY



PFOS Concentrations

- ND
- 0 - 0.88
- >0.88 - 3.3

- Soil Sampling Sector Boundary
- Current OU-01 Boundary
- Sites of Interest
- Hoosick Falls Village Limits

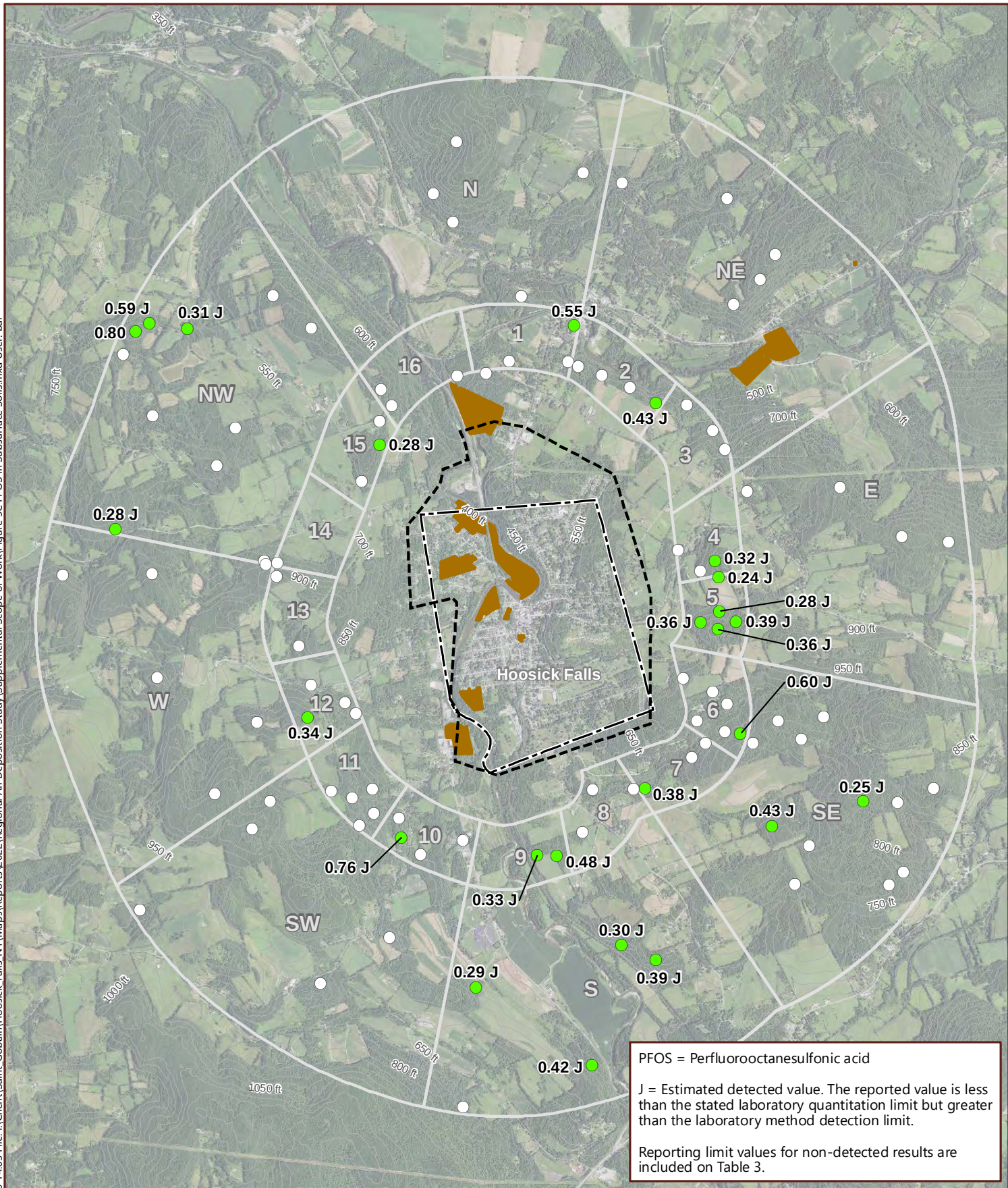


0 2,000 4,000 6,000
Feet

ppb = parts per billion and nanograms per gram (ng/g).

FIGURE 5B

PFOS IN NEAR SURFACE SOILS
Data Summary Report for the
Supplemental Scope of Work:
Regional Air Deposition Study
Hoosick Falls, NY



PFOS Concentrations

- ND
- 0 - 0.80
- Soil Sampling Sector Boundary
- Current OU-01 Boundary
- Sites of Interest
- Hoosick Falls Village Limits

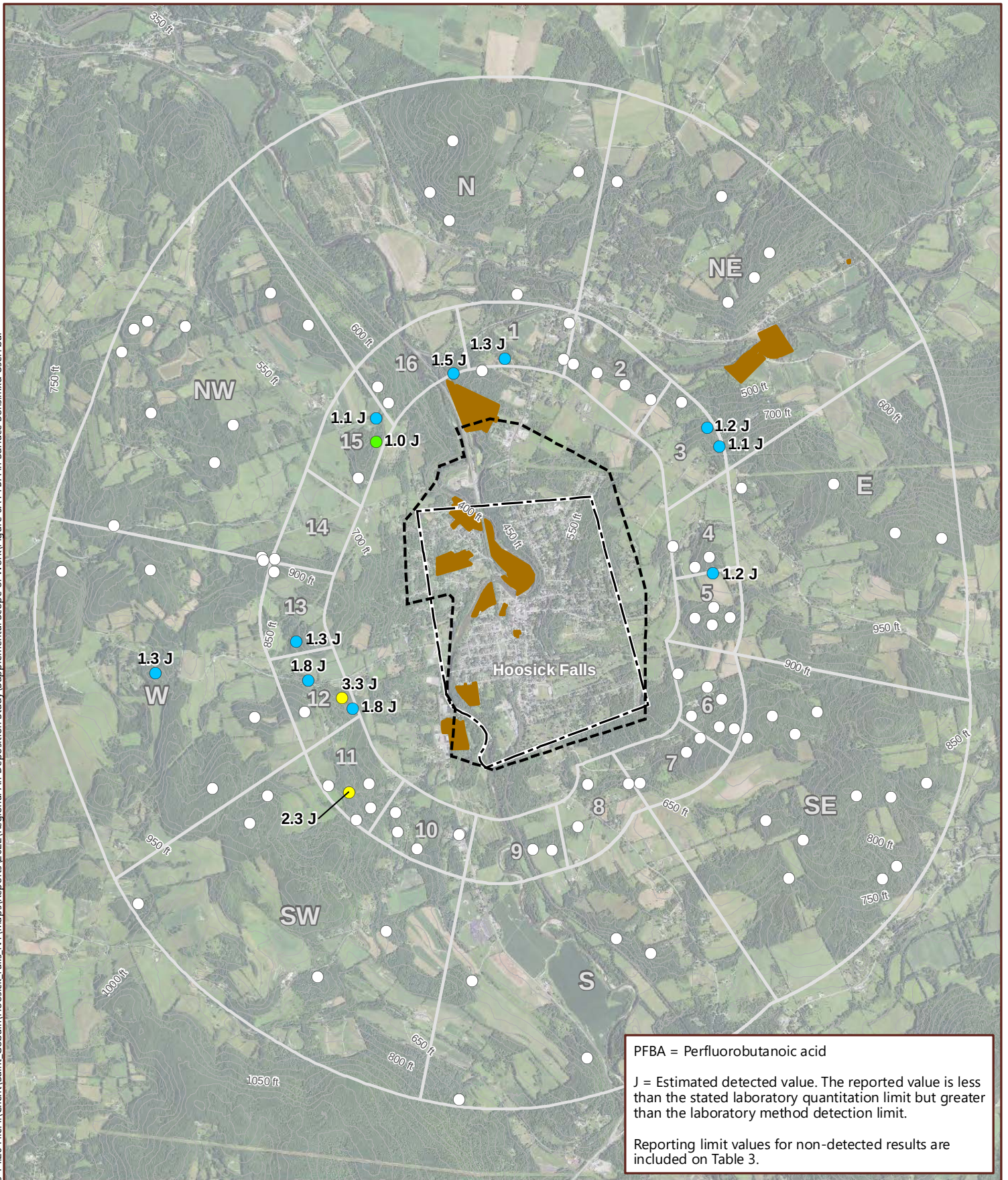
ppb = parts per billion and nanograms per gram (ng/g).



0 2,000 4,000 6,000
Feet

FIGURE 5C

PFOS IN SUBSURFACE SOILS
Data Summary Report for the
Supplemental Scope of Work:
Regional Air Deposition Study
Hoosick Falls, NY



PFBA Concentrations

- ND
- 0 - 1
- > 1 - 2
- > 2 - 3.3

- Soil Sampling Sector Boundary
- Current OU-01 Boundary
- Sites of Interest
- Hoosick Falls Village Limits

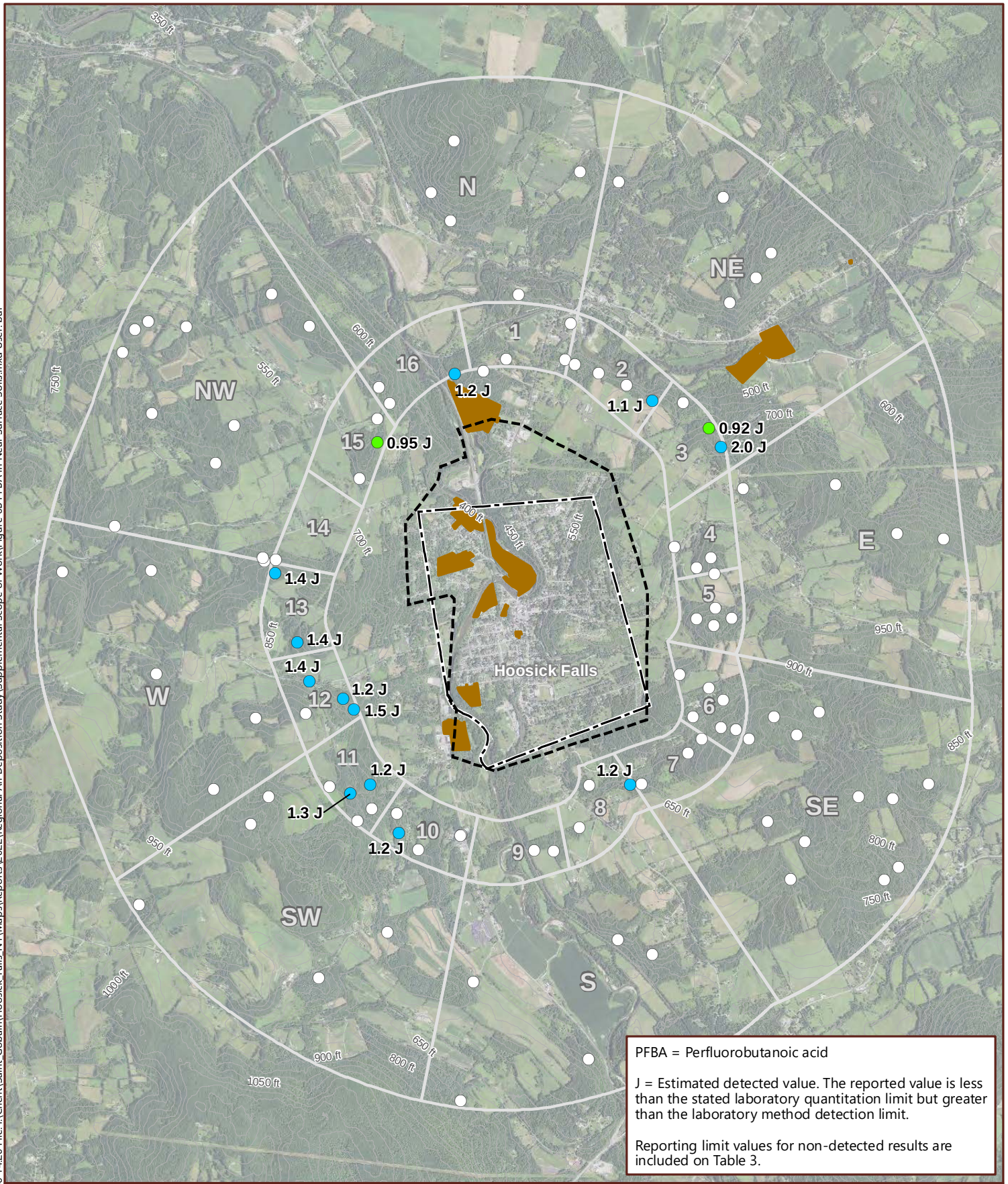
ppb = parts per billion and nanograms per gram (ng/g).



0 2,000 4,000 6,000
Feet

FIGURE 6A

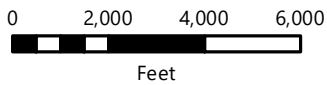
PFBA IN SURFACE SOILS
Data Summary Report for the
Supplemental Scope of Work:
Regional Air Deposition Study
Hoosick Falls, NY



PFBA Concentrations

- ND
- 0 - 1
- > 1 - 2

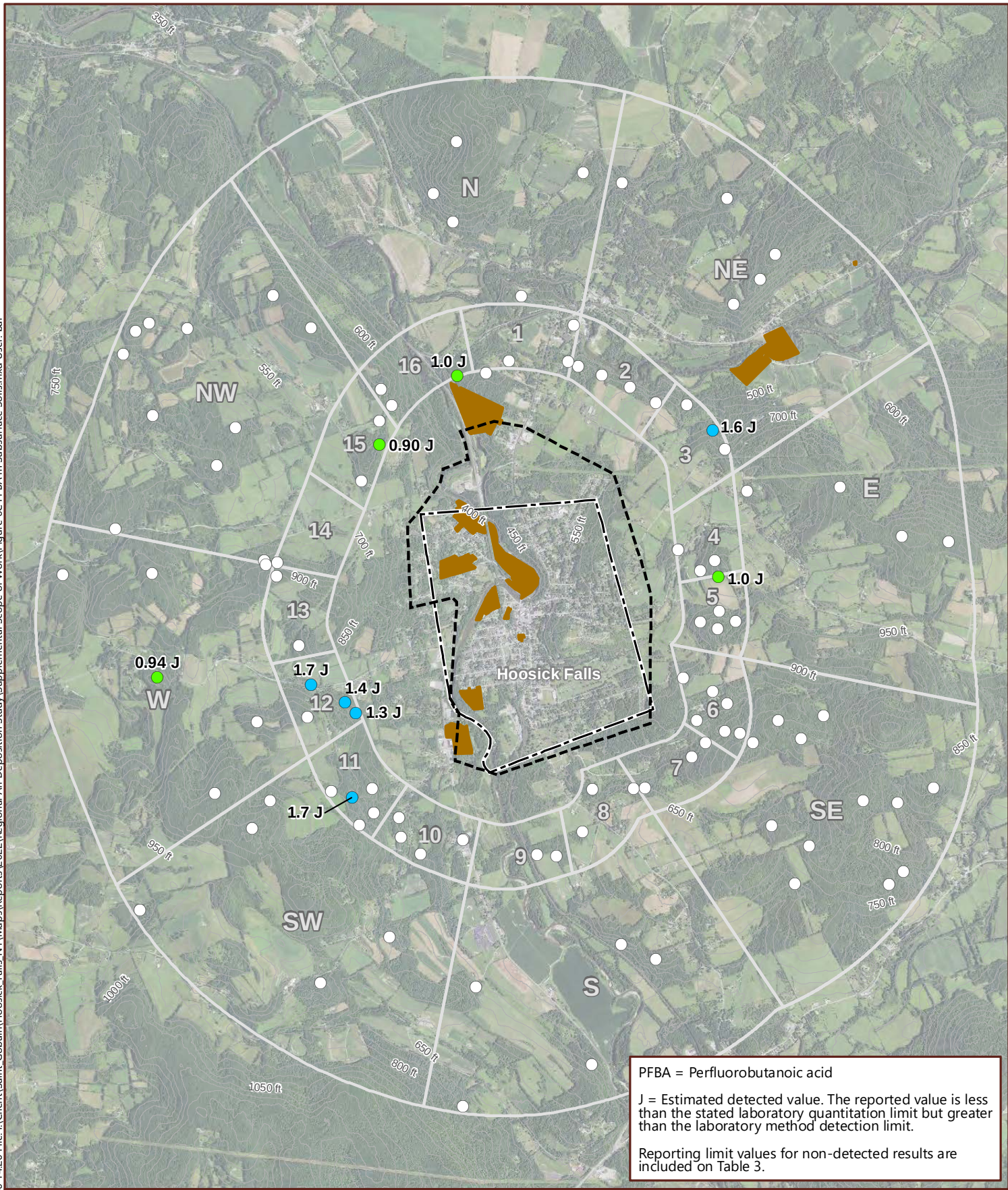
- Soil Sampling Sector Boundary
- Current OU-01 Boundary
- Sites of Interest
- Hoosick Falls Village Limits



ppb = parts per billion and nanograms per gram (ng/g).

FIGURE 6B

PFBA IN NEAR SURFACE SOILS
Data Summary Report for the
Supplemental Scope of Work:
Regional Air Deposition Study
Hoosick Falls, NY



PFBA Concentrations

- ND
- 0 - 1
- >1 - 1.7

- Soil Sampling Sector Boundary
- Current OU-01 Boundary
- Sites of Interest
- Hoosick Falls Village Limits



0 2,000 4,000 6,000
Feet

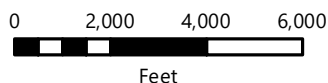
ppb = parts per billion and nanograms per gram (ng/g).

FIGURE 6C

PFBA IN SUBSURFACE SOILS
Data Summary Report for the
Supplemental Scope of Work:
Regional Air Deposition Study
Hoosick Falls, NY

Reporting limit values for non-detected results are included on Table 3.

 Soil Sampling Sector Boundary
 Current OU-01 Boundary
 Sites of Interest
 Hoosick Falls Village Limits



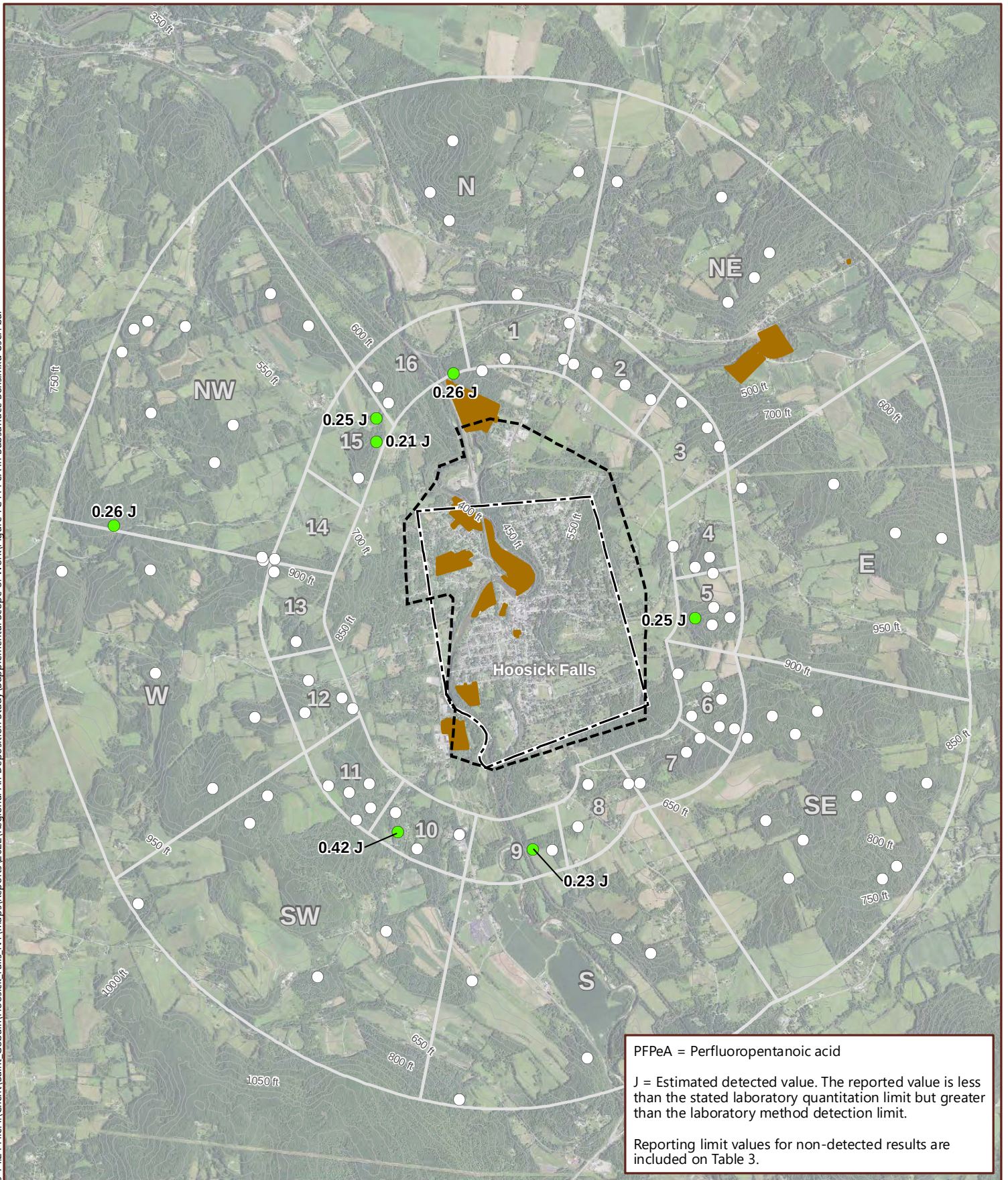
PFPeA IN SURFACE SOILS
Data Summary Report for the
Supplemental Scope of Work:
Regional Air Deposition Study
Hoosick Falls, NY

Reporting limit values for non-detected results are included on Table 3.

ppb = parts per billion and nanograms per gram (ng/g).



PFPeA IN NEAR SURFACE SOILS
Data Summary Report for the
Supplemental Scope of Work:
Regional Air Deposition Study
Hoosick Falls, NY



PFPeA Concentrations

- ND
- 0 - 0.42
- Soil Sampling Sector Boundary
- Current OU-01 Boundary
- Sites of Interest
- Hoosick Falls Village Limits

ppb = parts per billion and nanograms per gram (ng/g).

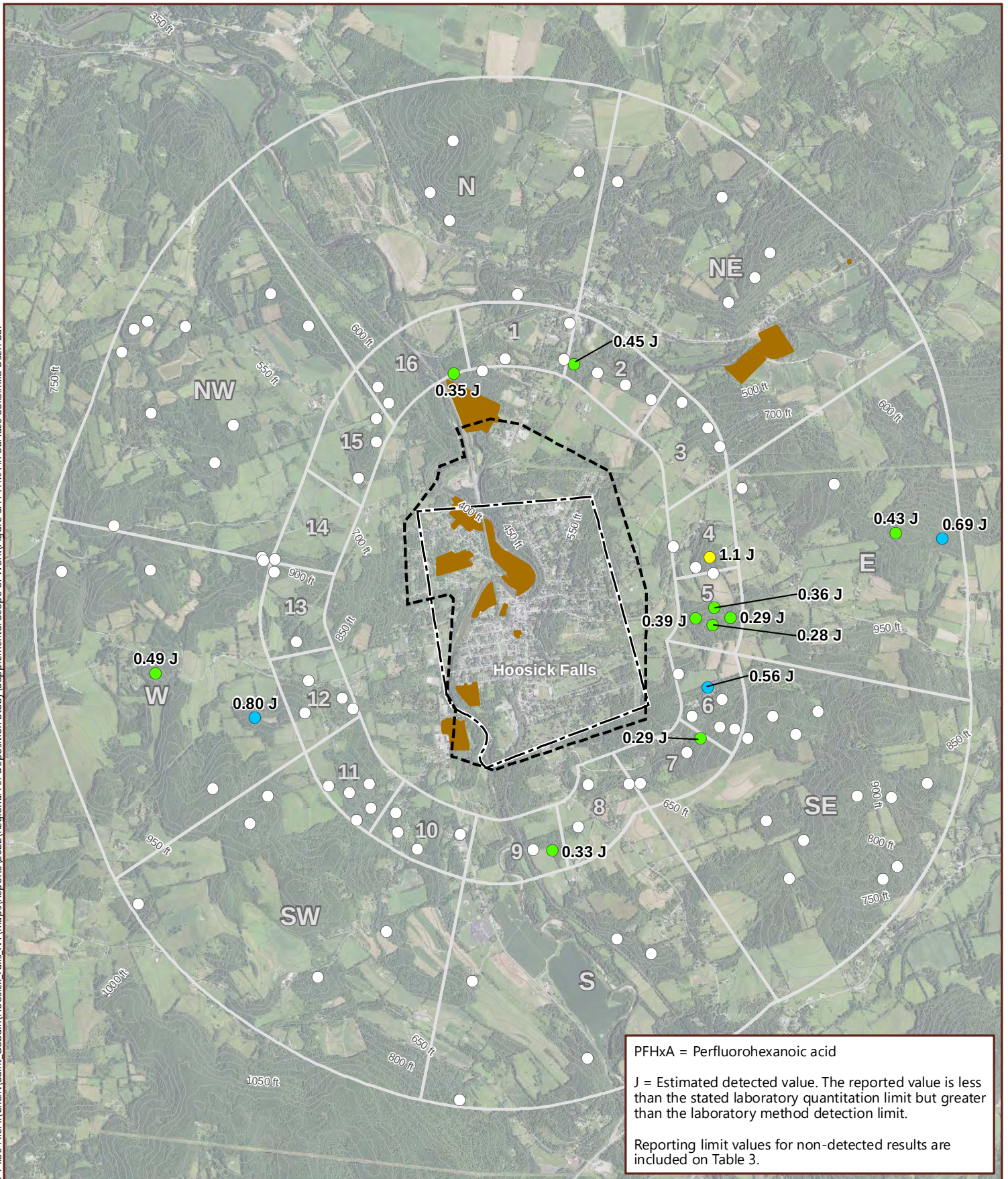


0 2,000 4,000 6,000

Feet

FIGURE 7C

PFPeA IN SUBSURFACE SOILS
Data Summary Report for the
Supplemental Scope of Work:
Regional Air Deposition Study
Hoosick Falls, NY



PFHxA Concentrations

- ND
- 0 - 0.5
- >0.5 - 1
- >1 - 1.1

- Soil Sampling Sector Boundary
- Current OU-01 Boundary
- Sites of Interest
- Hoosick Falls Village Limits

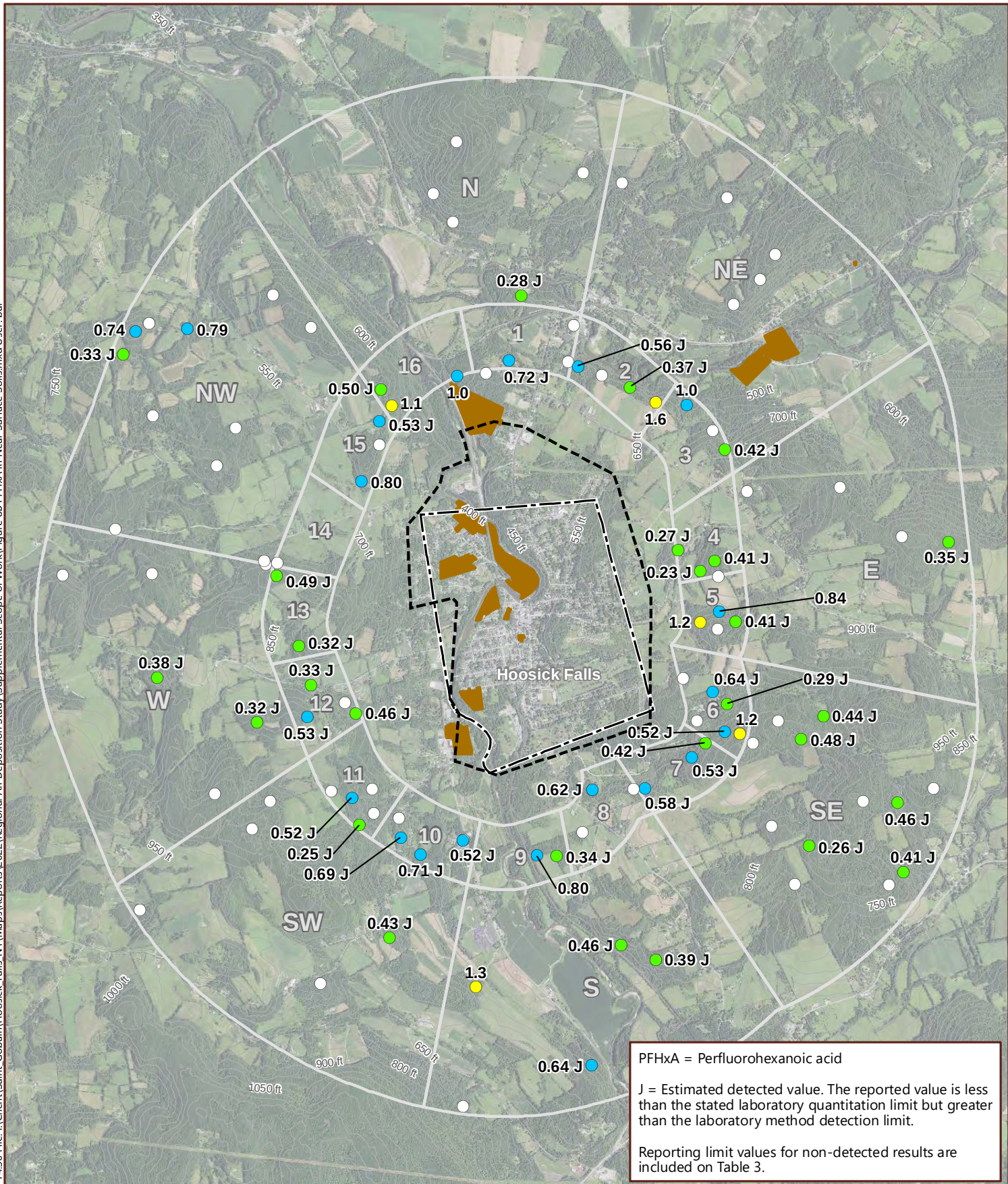


0 2,000 4,000 6,000
Feet

ppb = parts per billion and nanograms per gram (ng/g).

FIGURE 8A

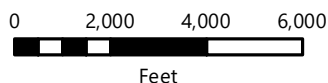
PFHxA IN SURFACE SOILS
Data Summary Report for the
Supplemental Scope of Work:
Regional Air Deposition Study
Hoosick Falls, NY



PFHxA Concentrations

- ND
- 0 - 0.5
- >0.5 - 1
- >1 - 1.6

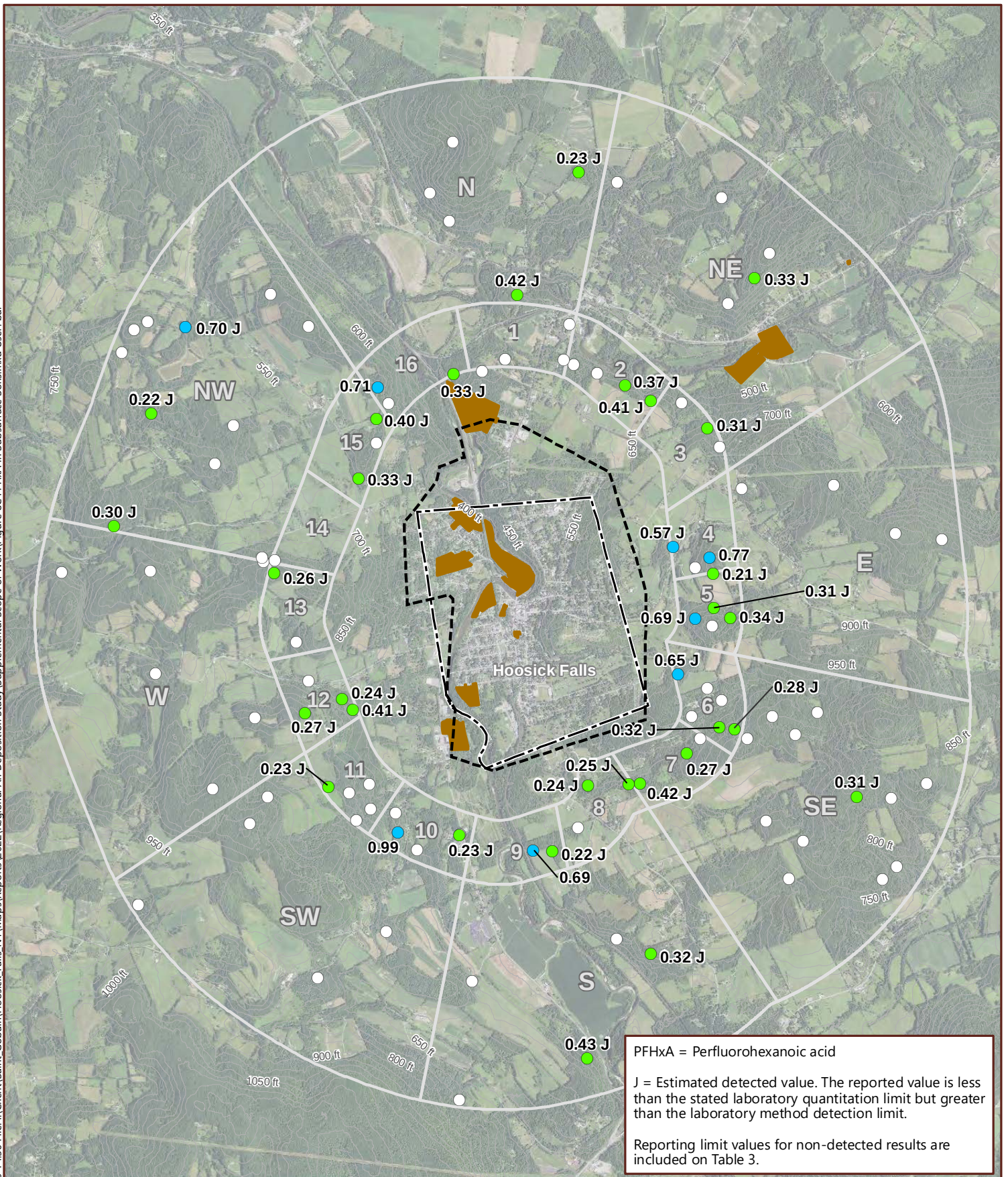
- Soil Sampling Sector Boundary
- Current OU-01 Boundary
- Sites of Interest
- Hoosick Falls Village Limits



ppb = parts per billion and nanograms per gram (ng/g).

FIGURE 8B

PFHxA IN NEAR SURFACE SOILS
Data Summary Report for the
Supplemental Scope of Work:
Regional Air Deposition Study
Hoosick Falls, NY



PFHxA Concentrations

- ND
- 0 - 0.5
- >0.5 - 0.99

- Soil Sampling Sector Boundary
- Current OU-01 Boundary
- Sites of Interest
- Hoosick Falls Village Limits

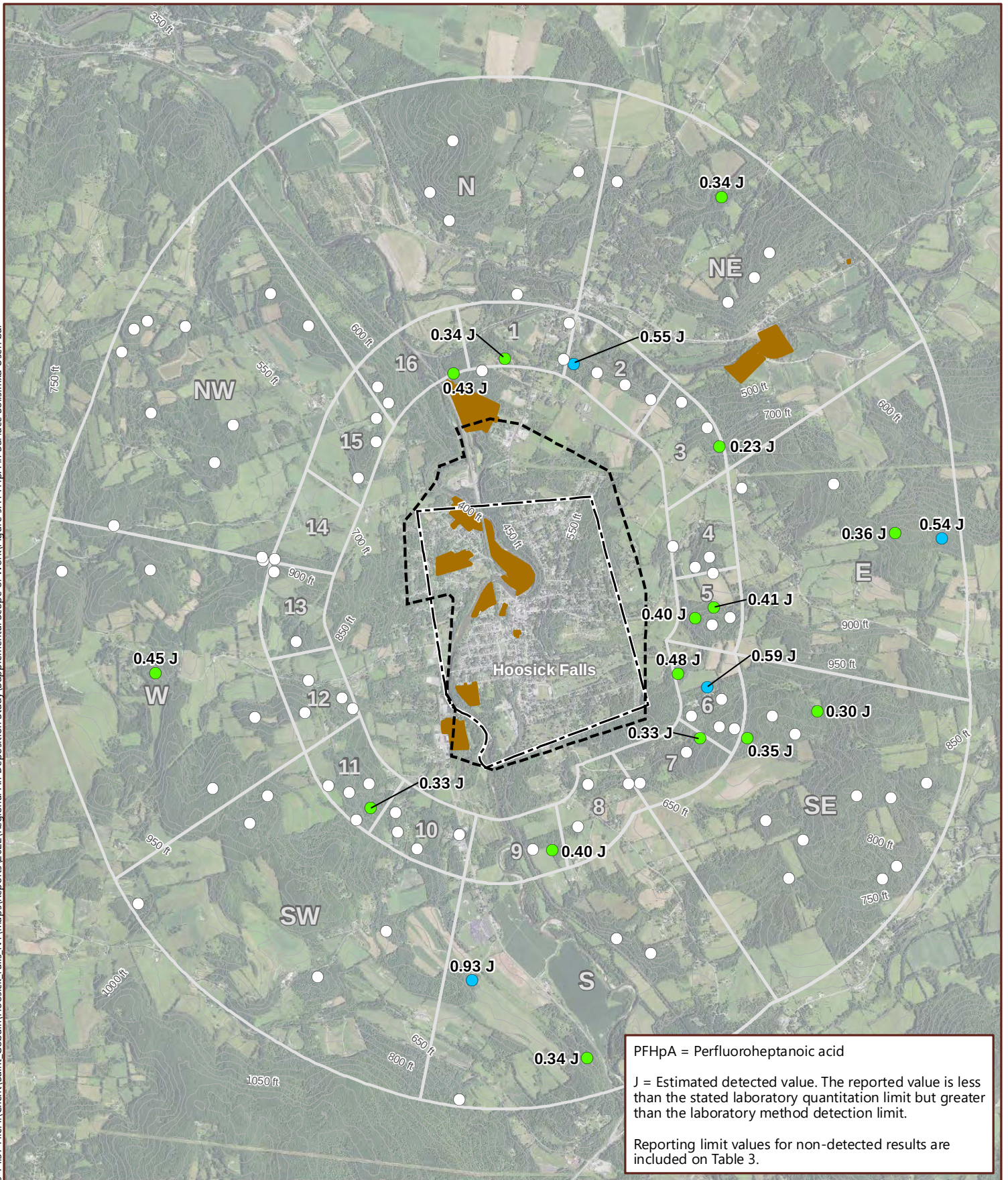


0 2,000 4,000 6,000
Feet

ppb = parts per billion and nanograms per gram (ng/g).

FIGURE 8C

PFHxA IN SUBSURFACE SOILS
Data Summary Report for the
Supplemental Scope of Work:
Regional Air Deposition Study
Hoosick Falls, NY



PFHpA Concentrations

- ND
- 0 - 0.5
- >.5 - 0.93

- Soil Sampling Sector Boundary
- Current OU-01 Boundary
- Sites of Interest
- Hoosick Falls Village Limits

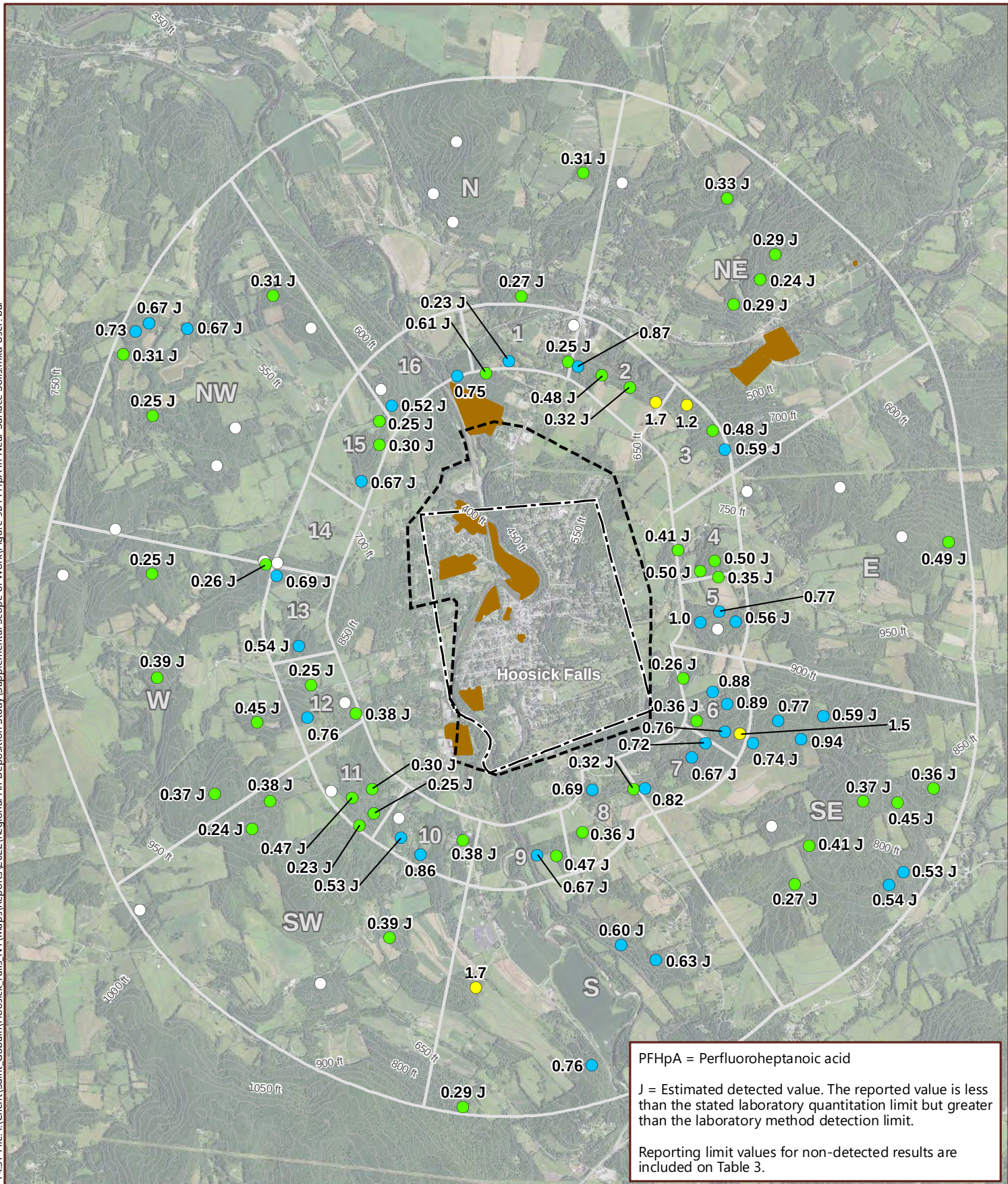


0 2,000 4,000 6,000
Feet

ppb = parts per billion and nanograms per gram (ng/g).

FIGURE 9A

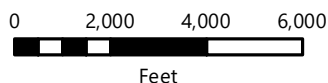
PFHpA IN SURFACE SOILS
Data Summary Report for the
Supplemental Scope of Work:
Regional Air Deposition Study
Hoosick Falls, NY



PFHpA Concentrations

- ND
- 0 - 0.5
- >0.5 - 1
- >1 - 1.7

- Soil Sampling Sector Boundary
- Current OU-01 Boundary
- Sites of Interest
- Hoosick Falls Village Limits



ppb = parts per billion and nanograms per gram (ng/g).

FIGURE 9B

PFHpA IN NEAR SURFACE SOILS
Data Summary Report for the
Supplemental Scope of Work:
Regional Air Deposition Study
Hoosick Falls, NY

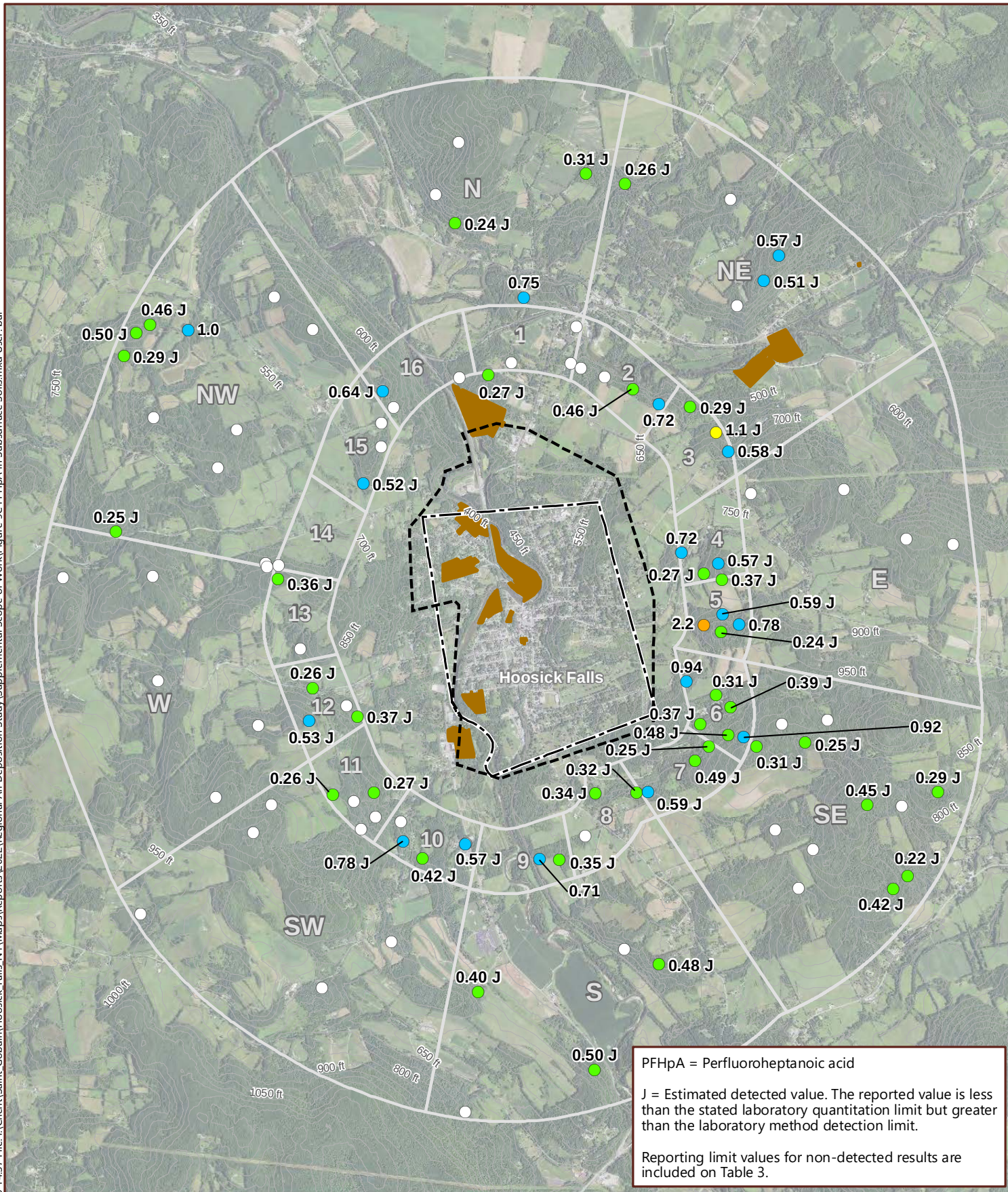
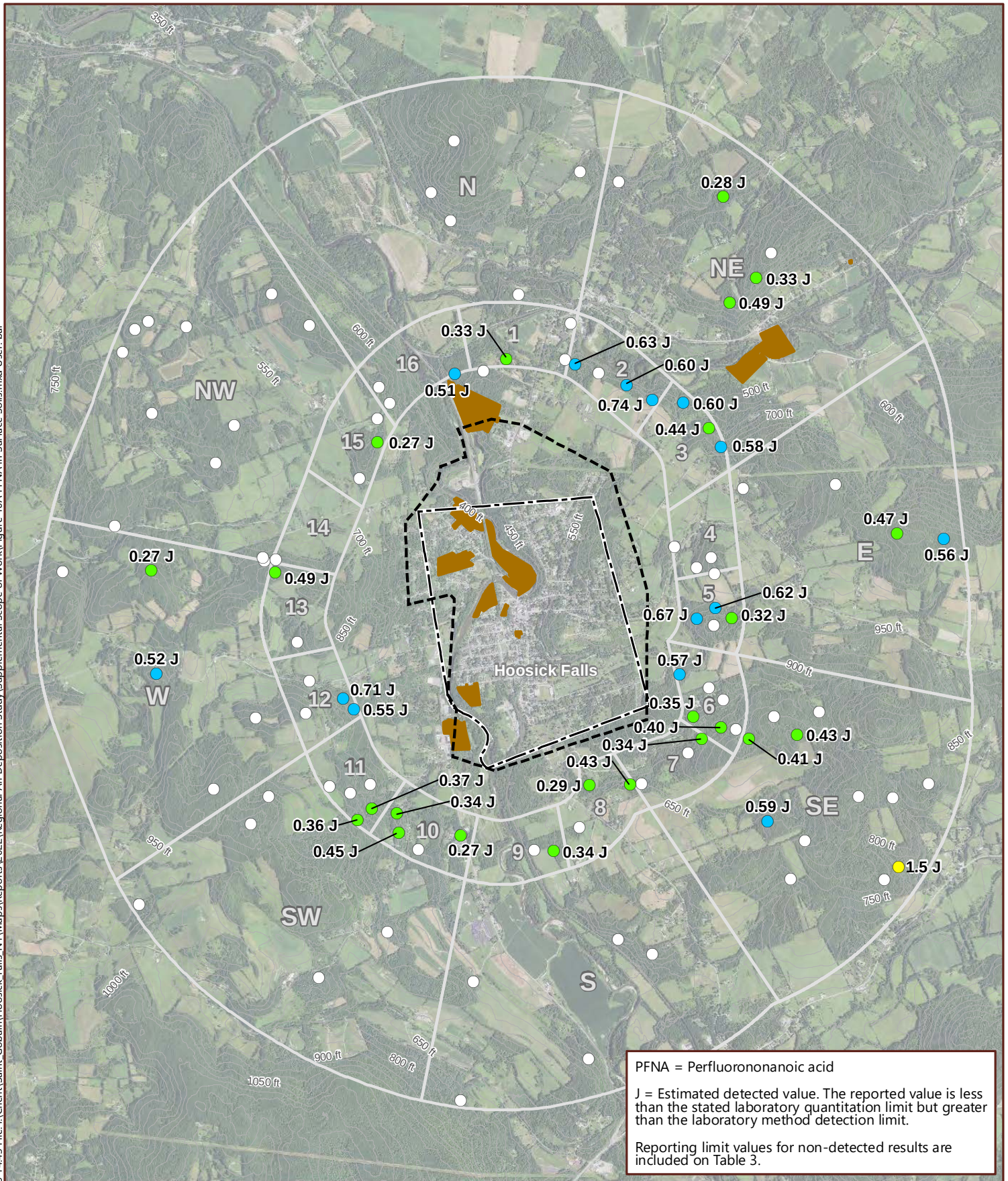


FIGURE 9C

PFHpA IN SUBSURFACE SOILS
Data Summary Report for the
Supplemental Scope of Work:
Regional Air Deposition Study
Hoosick Falls, NY



PFNA Concentrations

- ND
 - 0 - 0.5
 - >0.5 - 1
 - >1 - 1.5
- Soil Sampling Sector Boundary
 - Current OU-01 Boundary
 - Sites of Interest
 - Hoosick Falls Village Limits

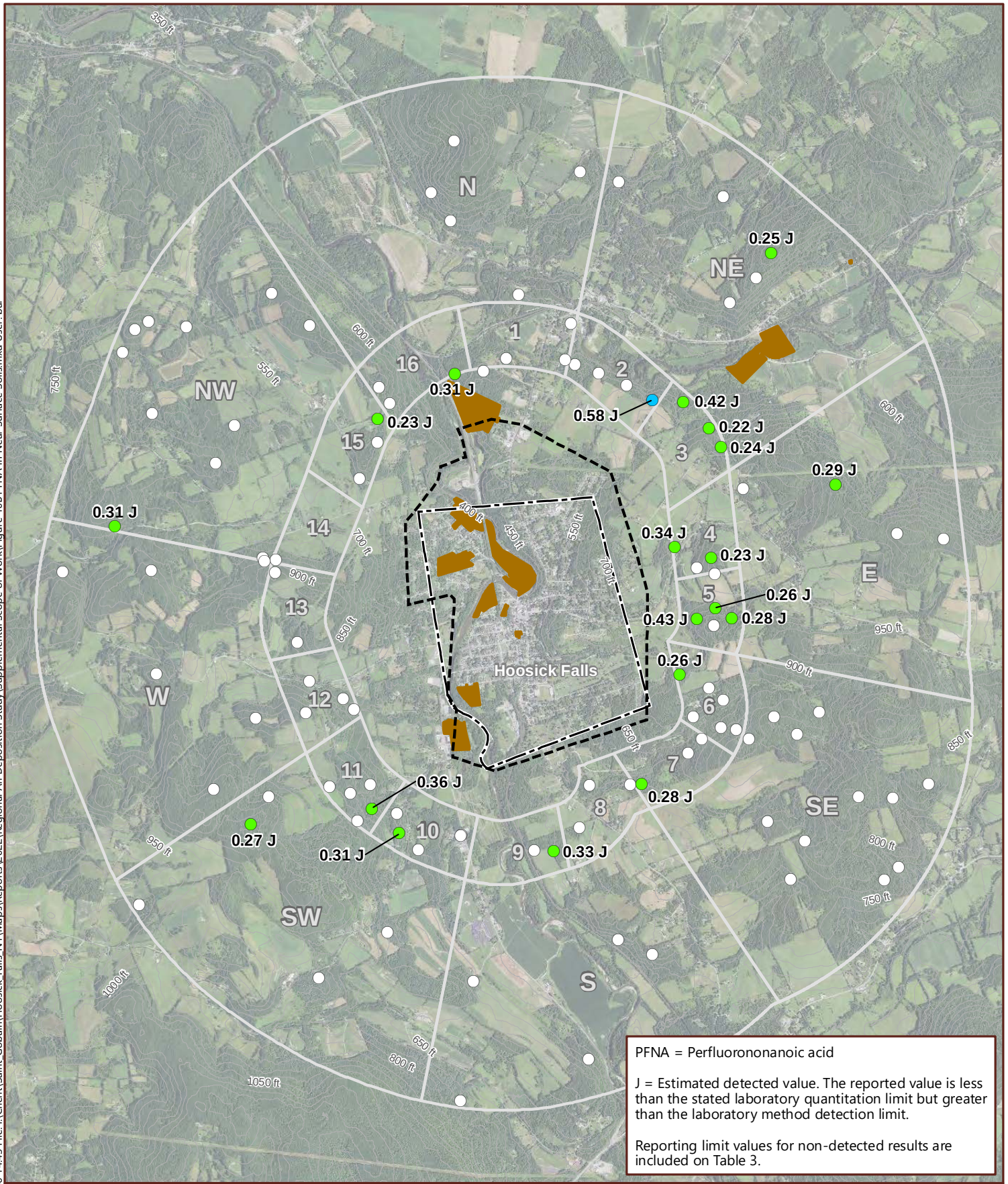
ppb = parts per billion and nanograms per gram (ng/g).



0 2,000 4,000 6,000
Feet

FIGURE 10A

PFNA IN SURFACE SOILS
Data Summary Report for the
Supplemental Scope of Work:
Regional Air Deposition Study
Hoosick Falls, NY



PFNA = Perfluorononanoic acid

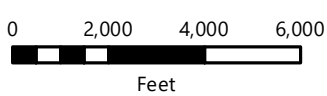
J = Estimated detected value. The reported value is less than the stated laboratory quantitation limit but greater than the laboratory method detection limit.

Reporting limit values for non-detected results are included on Table 3.

PFNA Concentrations

- ND
- 0 - 0.5
- >0.5 - 0.58

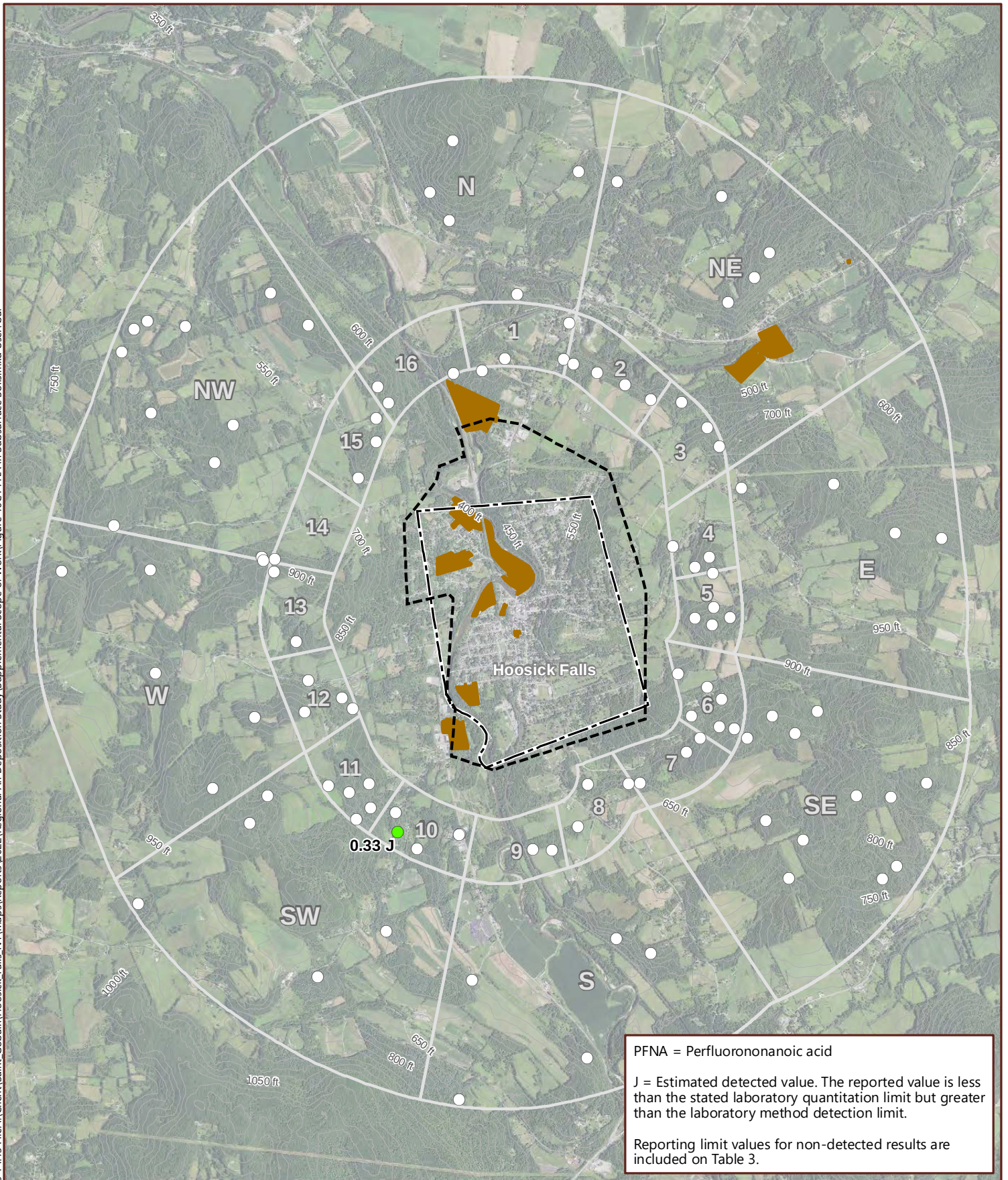
- Soil Sampling Sector Boundary
- Current OU-01 Boundary
- Sites of Interest
- Hoosick Falls Village Limits



ppb = parts per billion and nanograms per gram (ng/g).

FIGURE 10B

PFNA IN NEAR SURFACE SOILS
Data Summary Report for the
Supplemental Scope of Work:
Regional Air Deposition Study
Hoosick Falls, NY



PFNA Concentrations

- ND
- 0 - 0.33
- Soil Sampling Sector Boundary
- Current OU-01 Boundary
- Sites of Interest
- Hoosick Falls Village Limits

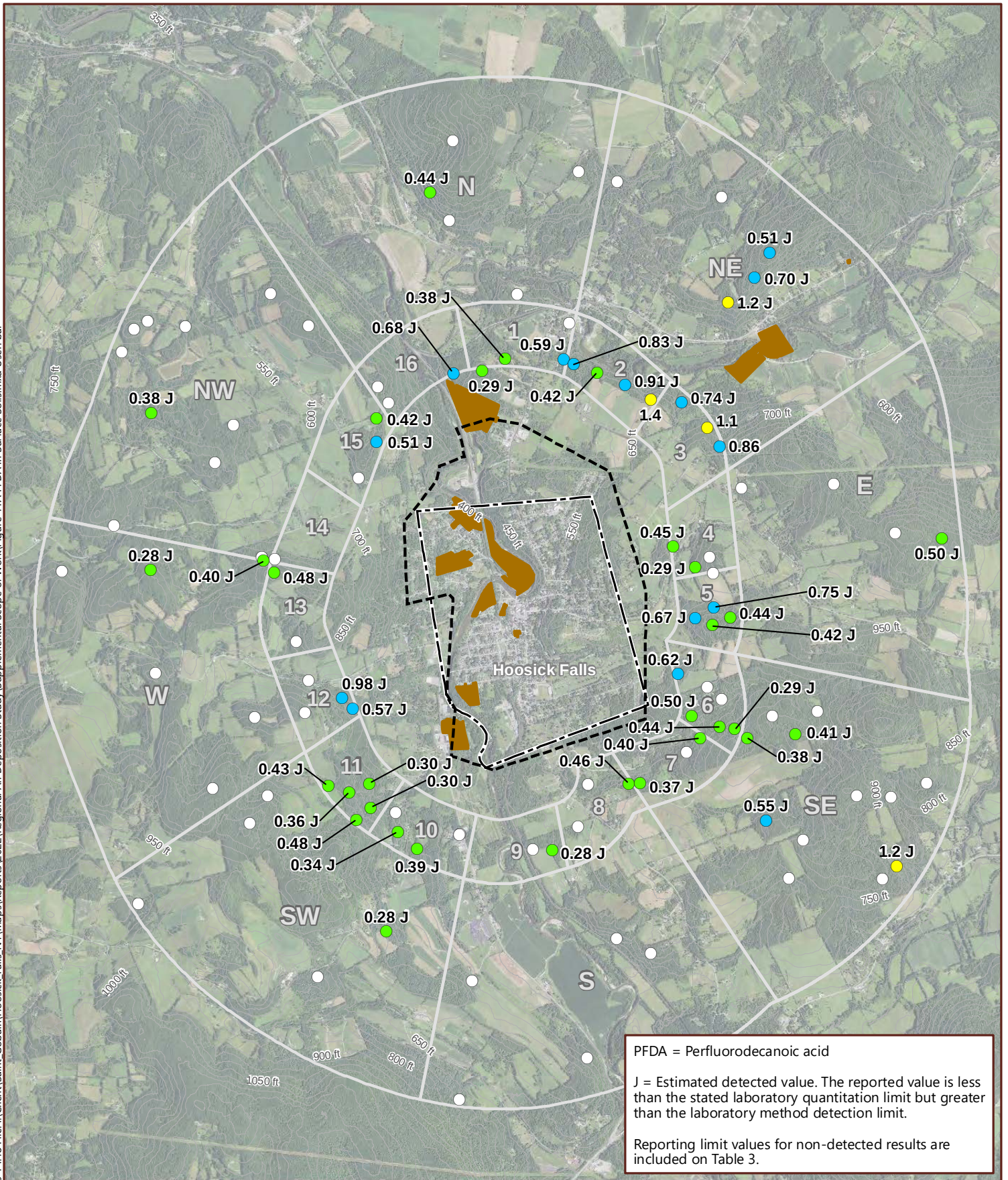
ppb = parts per billion and nanograms per gram (ng/g).



0 2,000 4,000 6,000
Feet

FIGURE 10C

PFNA IN SUBSURFACE SOILS
Data Summary Report for the
Supplemental Scope of Work:
Regional Air Deposition Study
Hoosick Falls, NY



PFDA Concentrations

- ND
- 0 - 0.5
- >0.5 - 1
- >1 - 1.4

- Soil Sampling Sector Boundary
- Current OU-01 Boundary
- Sites of Interest
- Hoosick Falls Village Limits

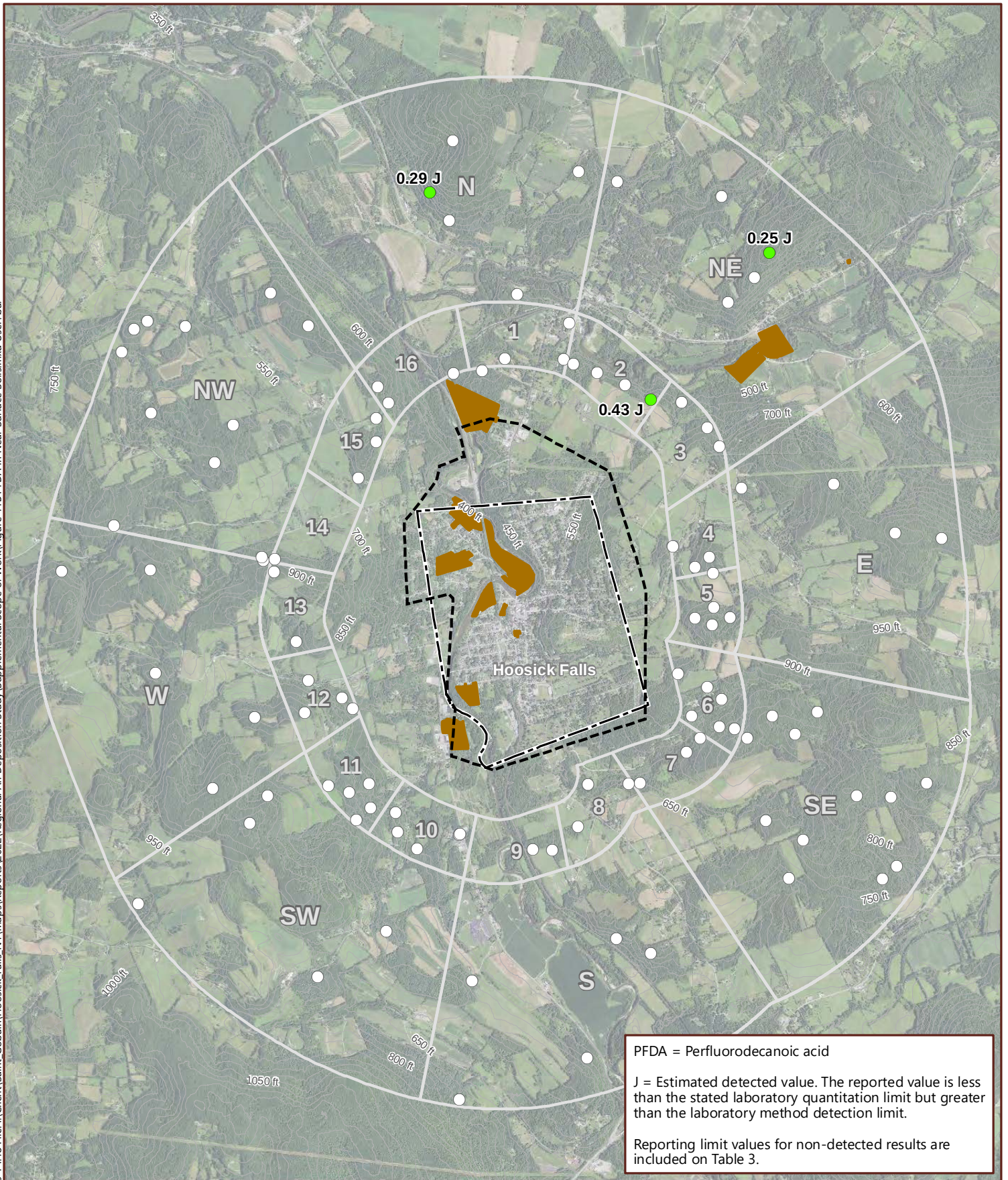
ppb = parts per billion and nanograms per gram (ng/g).



0 2,000 4,000 6,000
Feet

FIGURE 11A

PFDA IN SURFACE SOILS
Data Summary Report for the
Supplemental Scope of Work:
Regional Air Deposition Study
Hoosick Falls, NY



PFDA Concentrations

- ND
- 0 - 0.43
- Soil Sampling Sector Boundary
- Current OU-01 Boundary
- Sites of Interest
- Hoosick Falls Village Limits

ppb = parts per billion and nanograms per gram (ng/g).



0 2,000 4,000 6,000
Feet

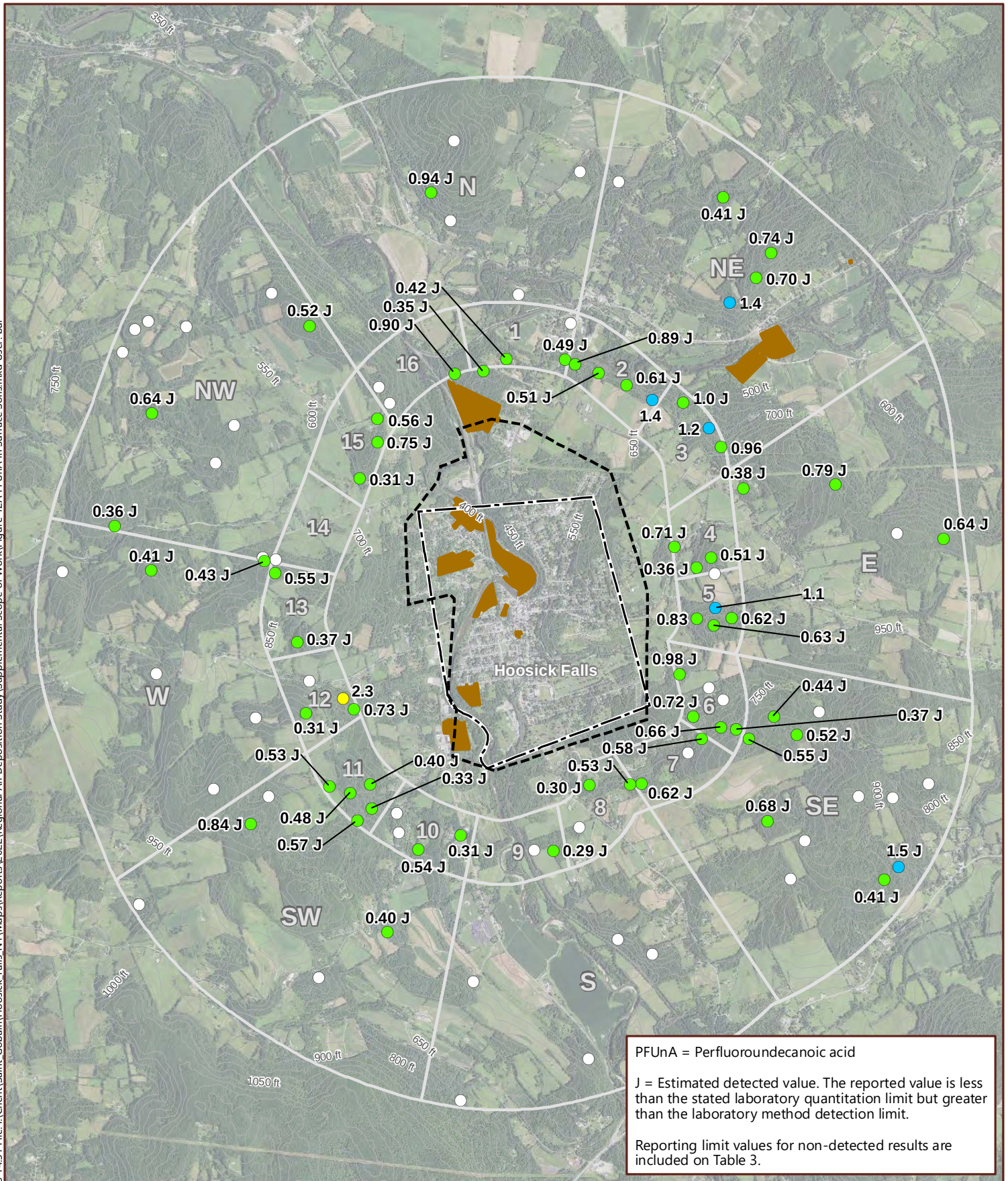
PFDA = Perfluorodecanoic acid

J = Estimated detected value. The reported value is less than the stated laboratory quantitation limit but greater than the laboratory method detection limit.

Reporting limit values for non-detected results are included on Table 3.

FIGURE 11B

PFDA IN NEAR SURFACE SOILS
Data Summary Report for the
Supplemental Scope of Work:
Regional Air Deposition Study
Hoosick Falls, NY



PFUnA Concentrations

- ND
- 0 - 1
- >1 - 2
- >2 - 2.3

- Soil Sampling Sector Boundary
- Current OU-01 Boundary
- Sites of Interest
- Hoosick Falls Village Limits



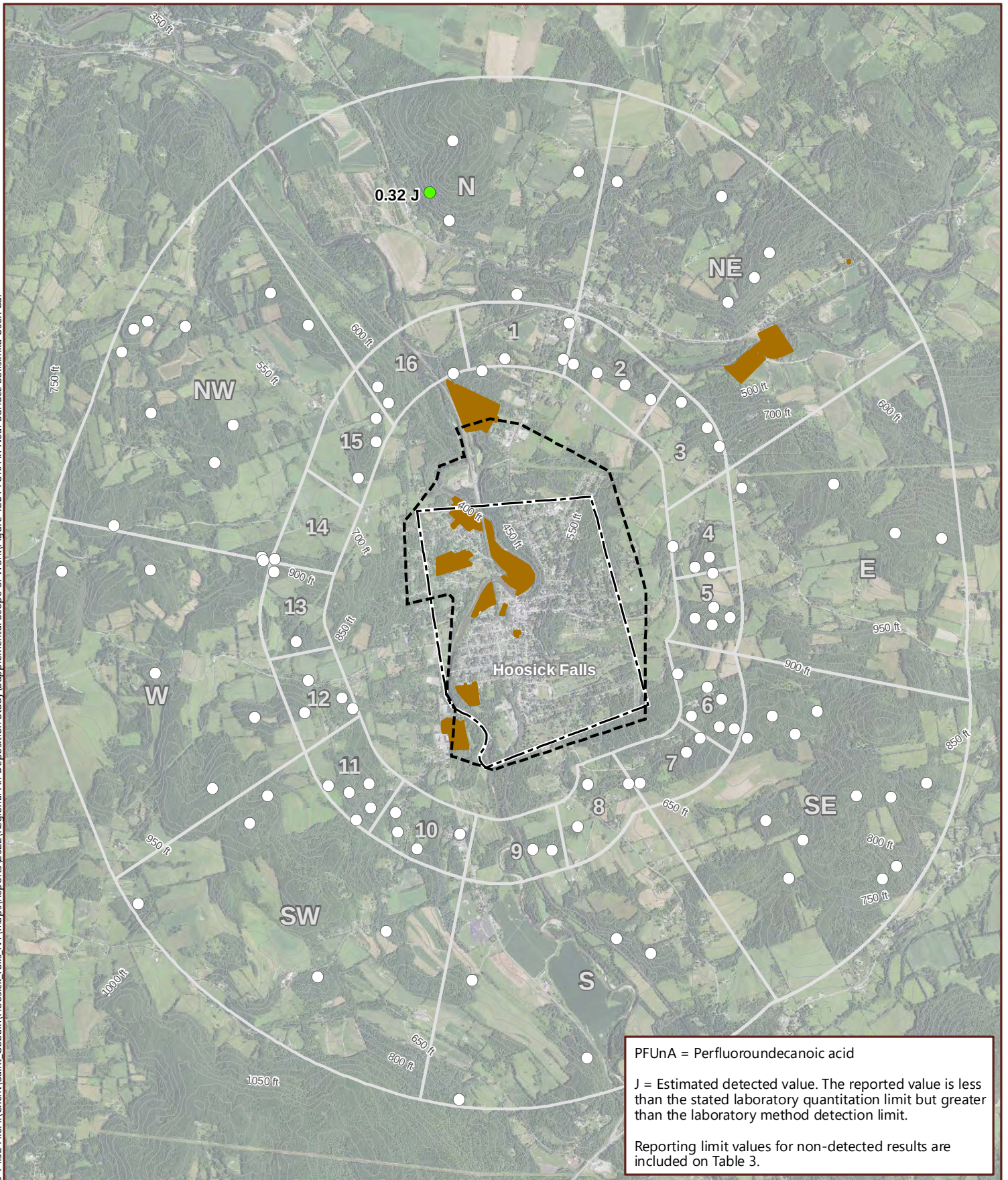
0 2,000 4,000 6,000

Feet

ppb = parts per billion and nanograms per gram (ng/g).

FIGURE 12A

PFUnA IN SURFACE SOILS
Data Summary Report for the
Supplemental Scope of Work:
Regional Air Deposition Study
Hoosick Falls, NY



PFUnA Concentrations

- ND
- 0 - 0.32
- Soil Sampling Sector Boundary
- Current OU-01 Boundary
- Sites of Interest
- Hoosick Falls Village Limits

ppb = parts per billion and nanograms per gram (ng/g).



0 2,000 4,000 6,000

Feet

FIGURE 12B

PFUnA IN NEAR SURFACE SOILS
Data Summary Report for the
Supplemental Scope of Work:
Regional Air Deposition Study
Hoosick Falls, NY

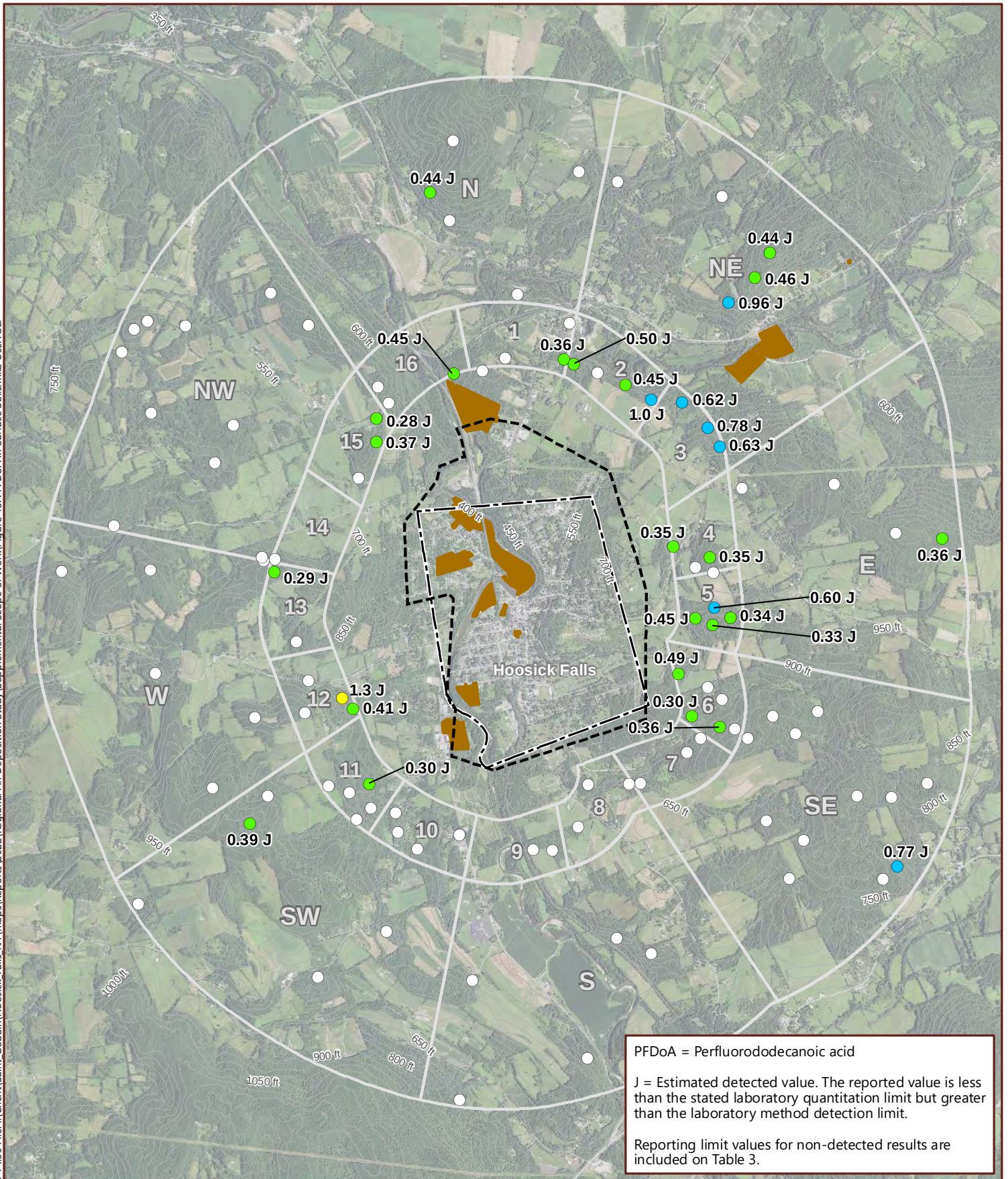
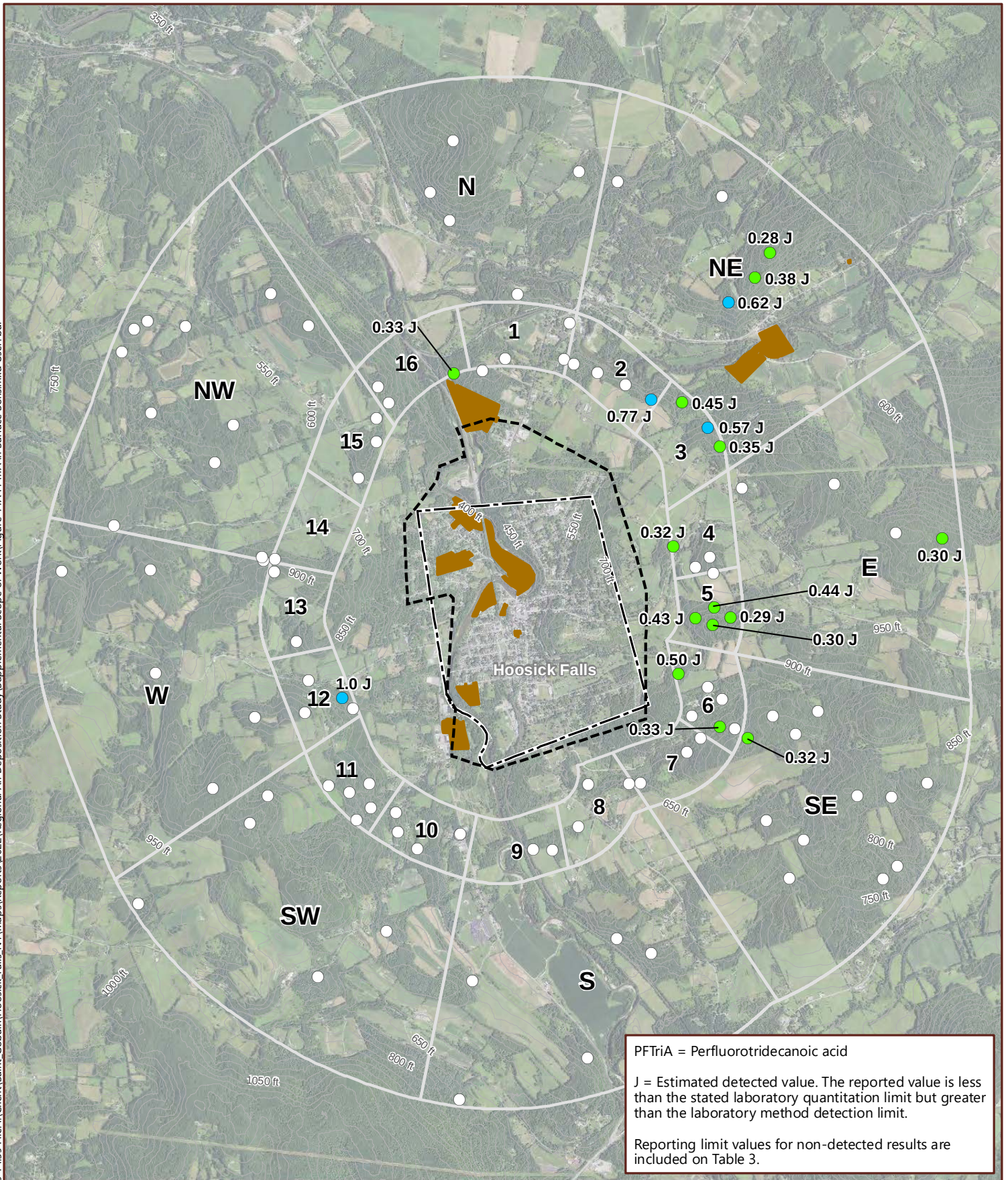


FIGURE 13

PFDoA IN SURFACE SOILS
Data Summary Report for the
Supplemental Scope of Work:
Regional Air Deposition Study
Hoosick Falls, NY

ppb = parts per billion and nanograms per gram (ng/g).



PFTrIA Concentrations

- ND
- 0 - 0.5
- >0.5 - 1

- Soil Sampling Sector Boundary
- Current OU-01 Boundary
- Sites of Interest
- Hoosick Falls Village Limits



0 2,000 4,000 6,000
Feet

ppb = parts per billion and nanograms per gram (ng/g).

FIGURE 14

PFTrIA IN SURFACE SOILS
Data Summary Report for the
Supplemental Scope of Work:
Regional Air Deposition Study
Hoosick Falls, NY

Appendix A-2

PFAS Concentrations in Soils

Figure A1	PFOA in Soil
Figure A2	PFOS in Soil
Figure A3	PFBA in Soil
Figure A4	PFPeA in Soil
Figure A5	PFHxA in Soil
Figure A6	PFHpA in Soil
Figure A7	PFNA in Soil
Figure A8	PFDA in Soil
Figure A9	PFUnA in Soil
Figure A10	PFDoA in Soil
Figure A11	PFTriA Soil

PFOA Concentrations*

- 0 - 0.66 ppb
 - >0.66 - 3.3 ppb
 - >3.3 - 6.6 ppb
 - >6.6 - 33 ppb
 - >33 - 310 ppb
- ppb = parts per billion

*Based on maximum concentration for each location regardless of depth.

- Air Deposition Soil Sample
- OU-03 Investigation Area
- Current OU-01 Boundary
- Town Boundary
- Hoosick Falls Village Limits
- Watershed Boundary (HUC12)
- NYSDEC Sites of Interest

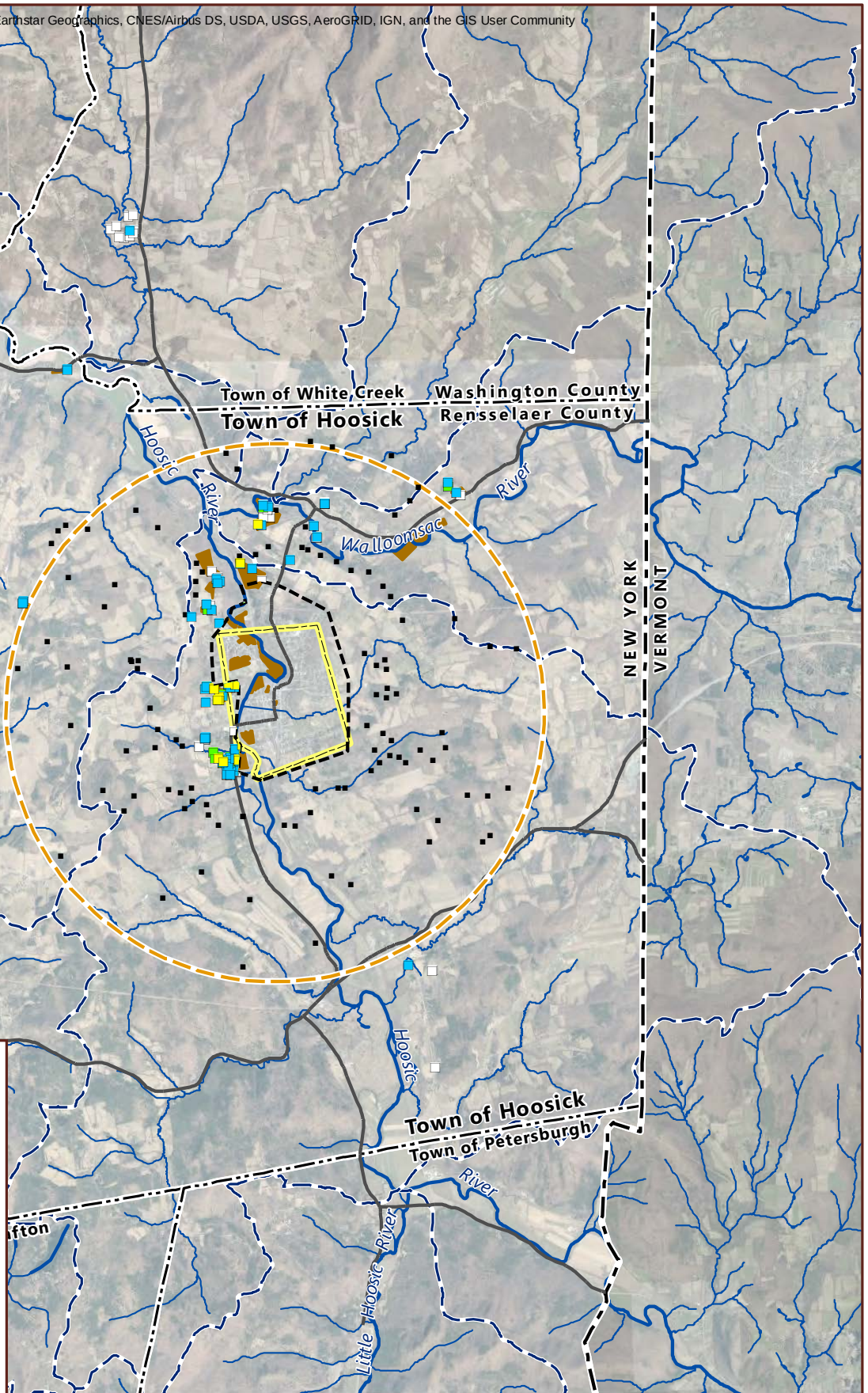
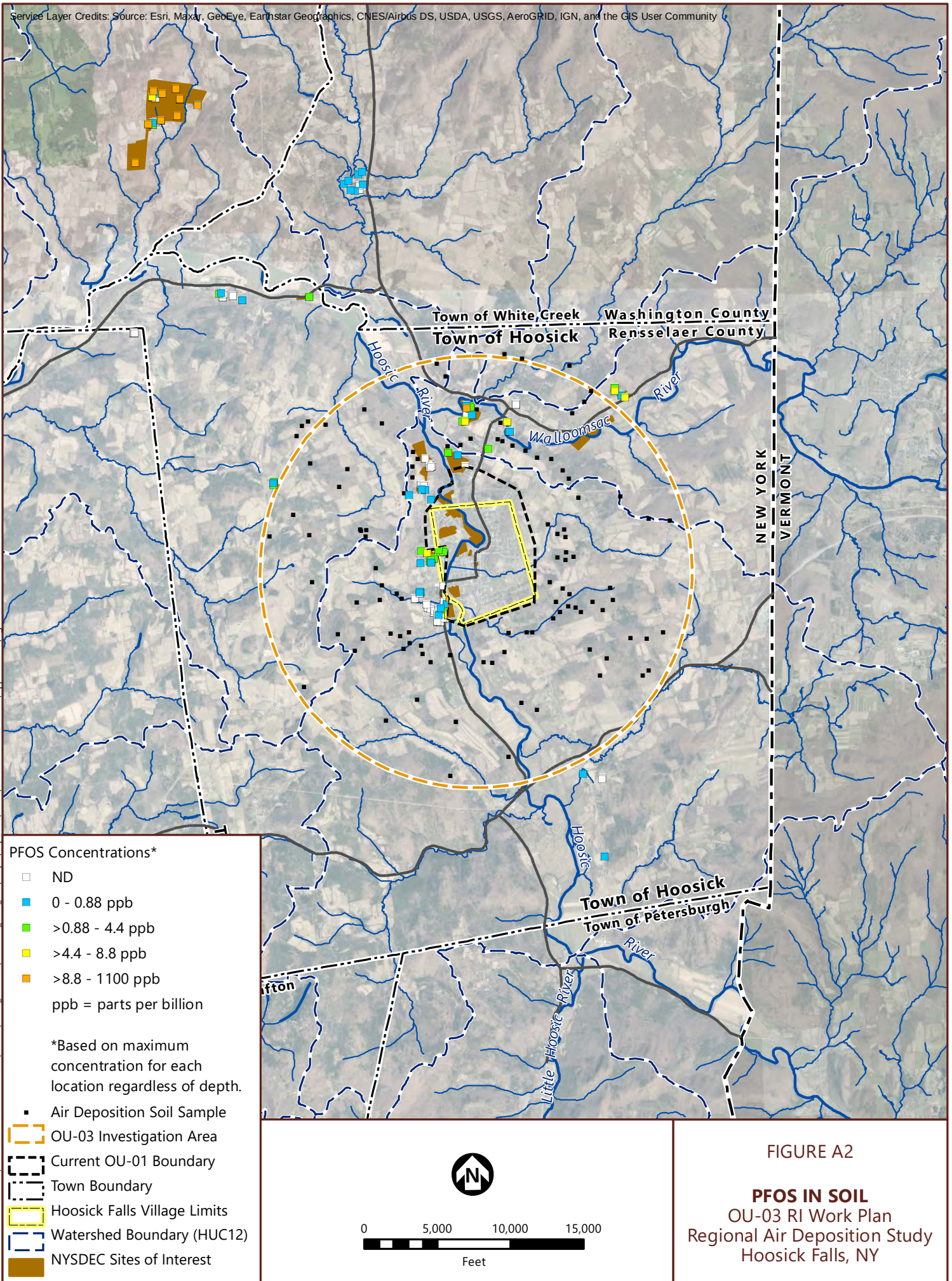
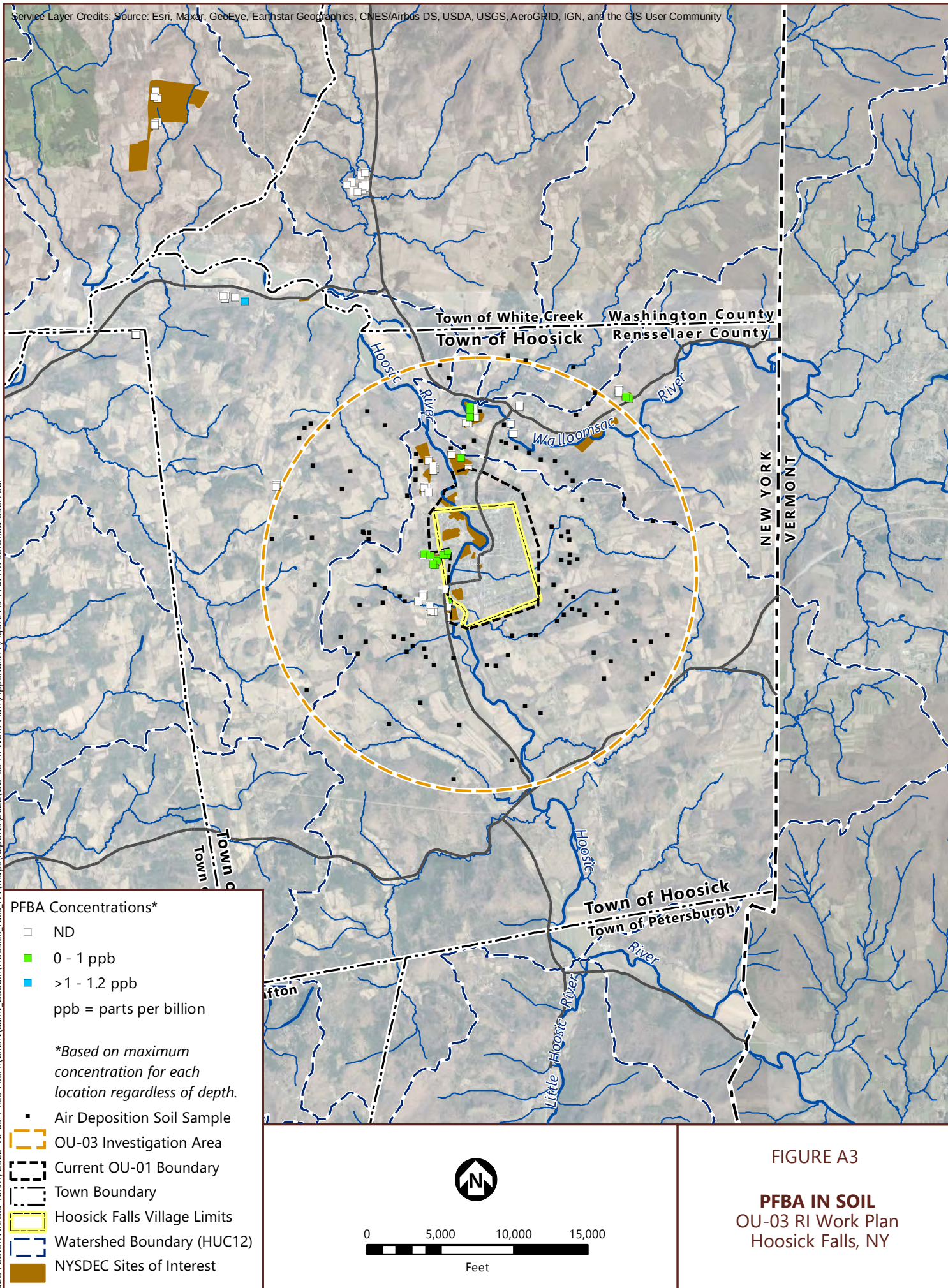
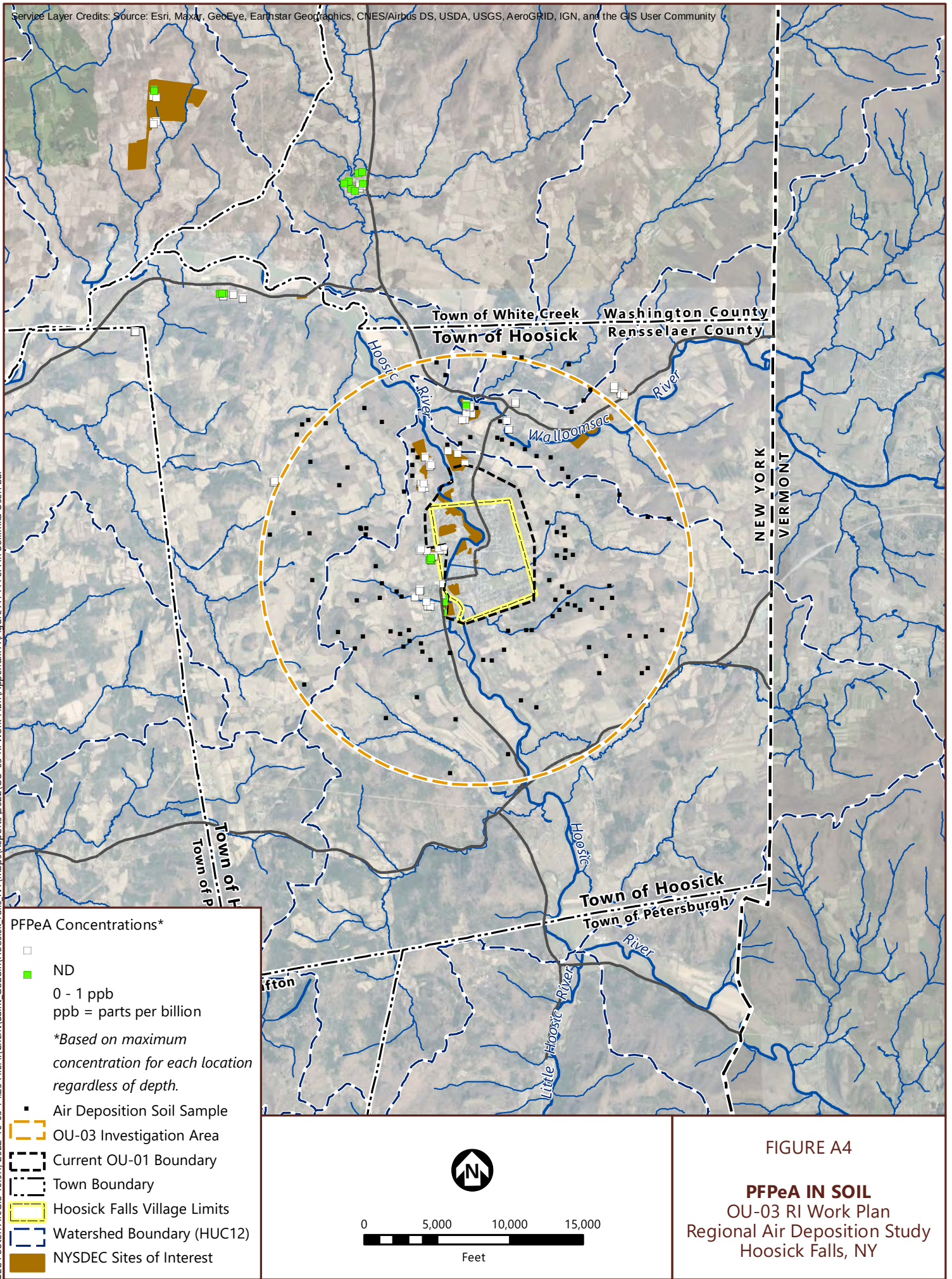


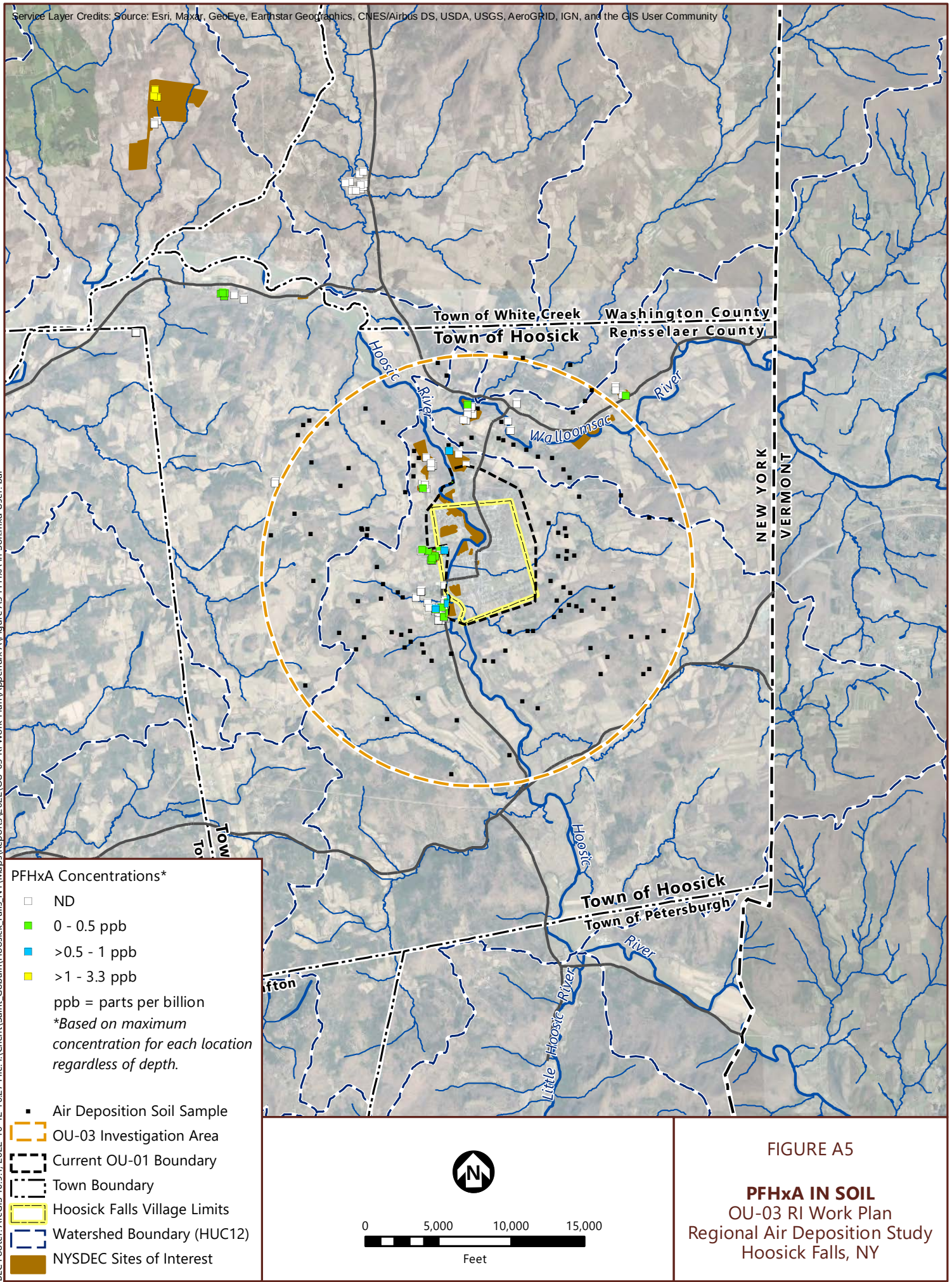
FIGURE A1

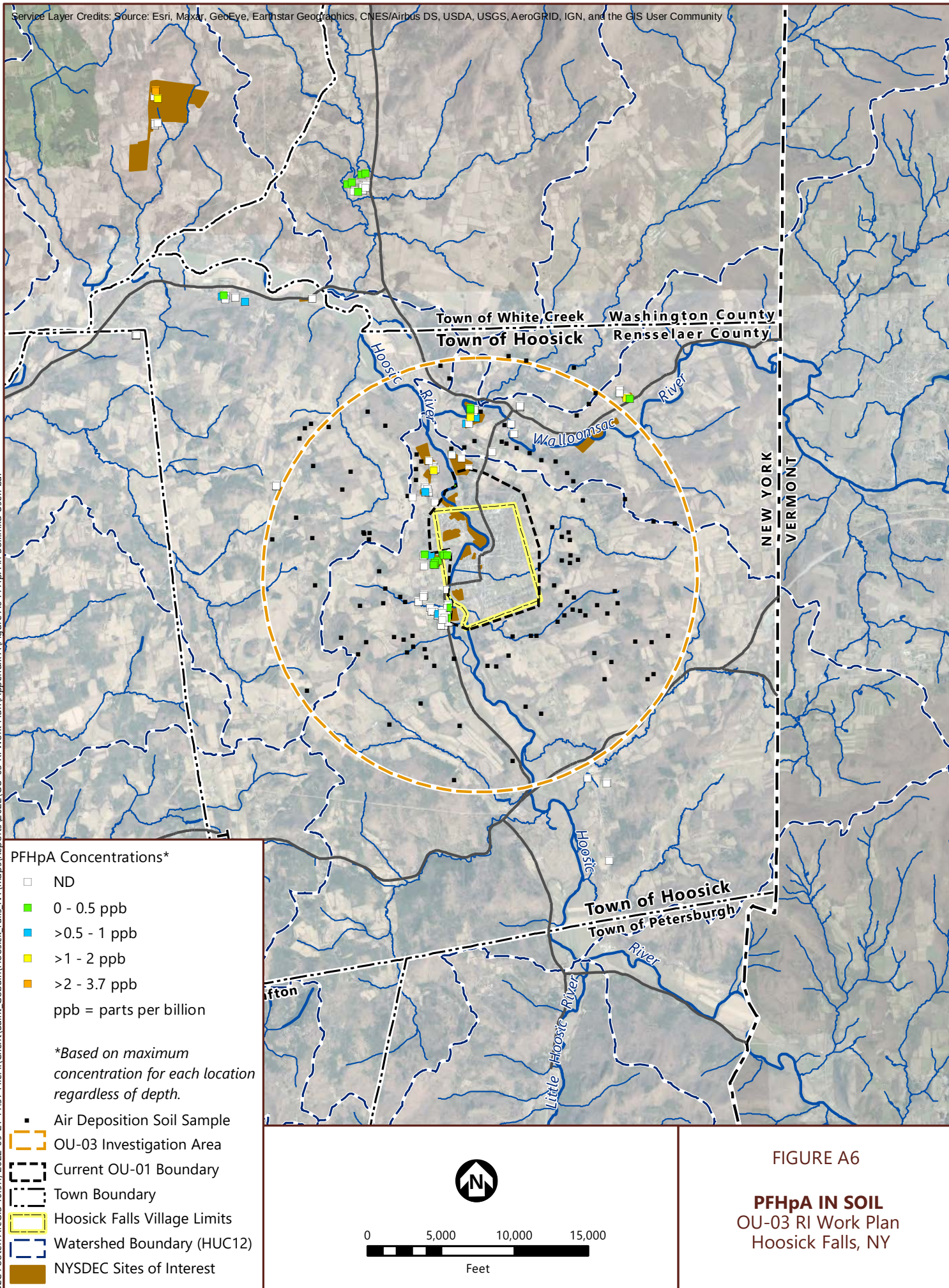
PFOA IN SOIL
OU-03 RI Work Plan
Regional Air Deposition Study
Hoosick Falls, NY

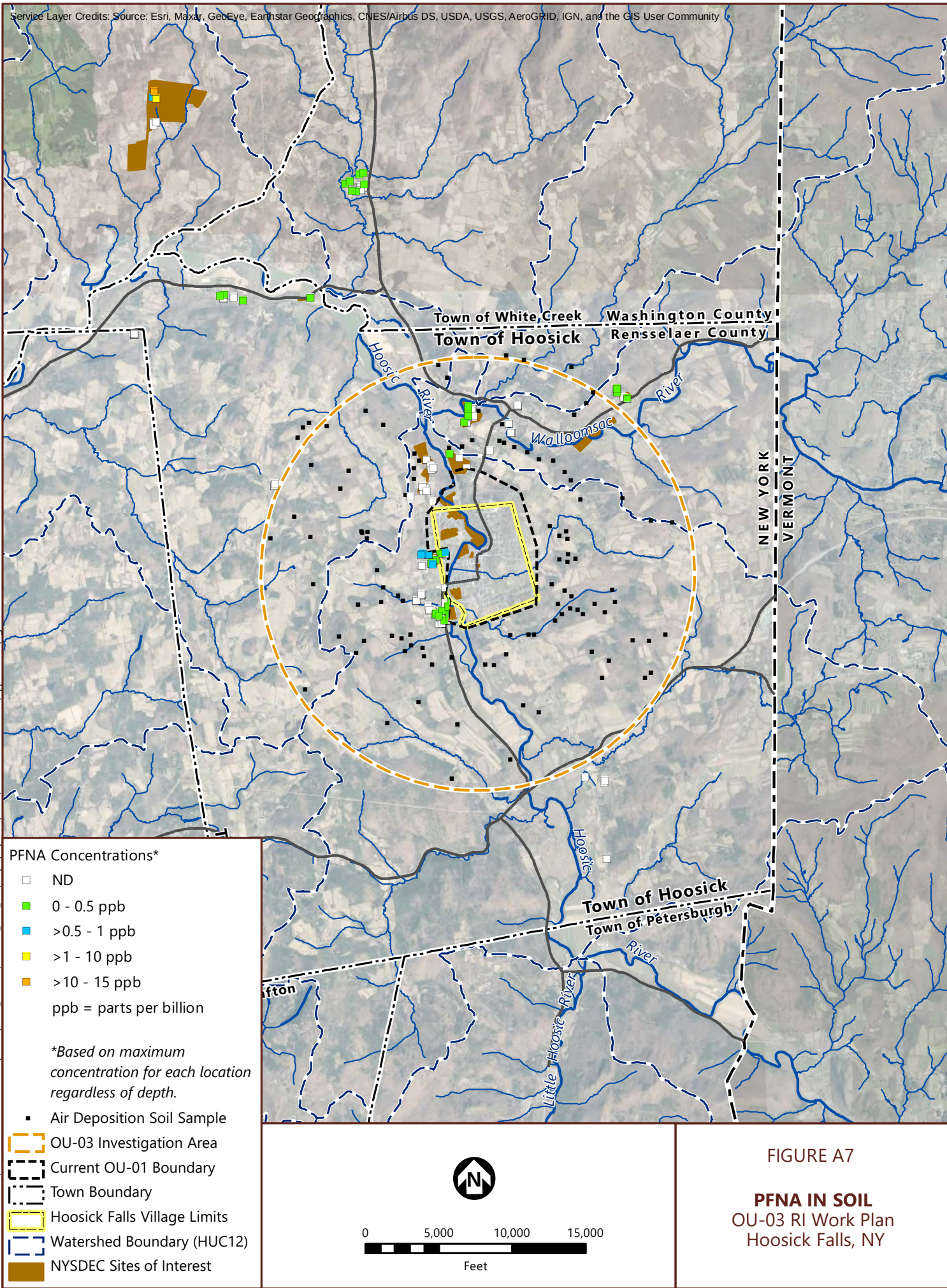


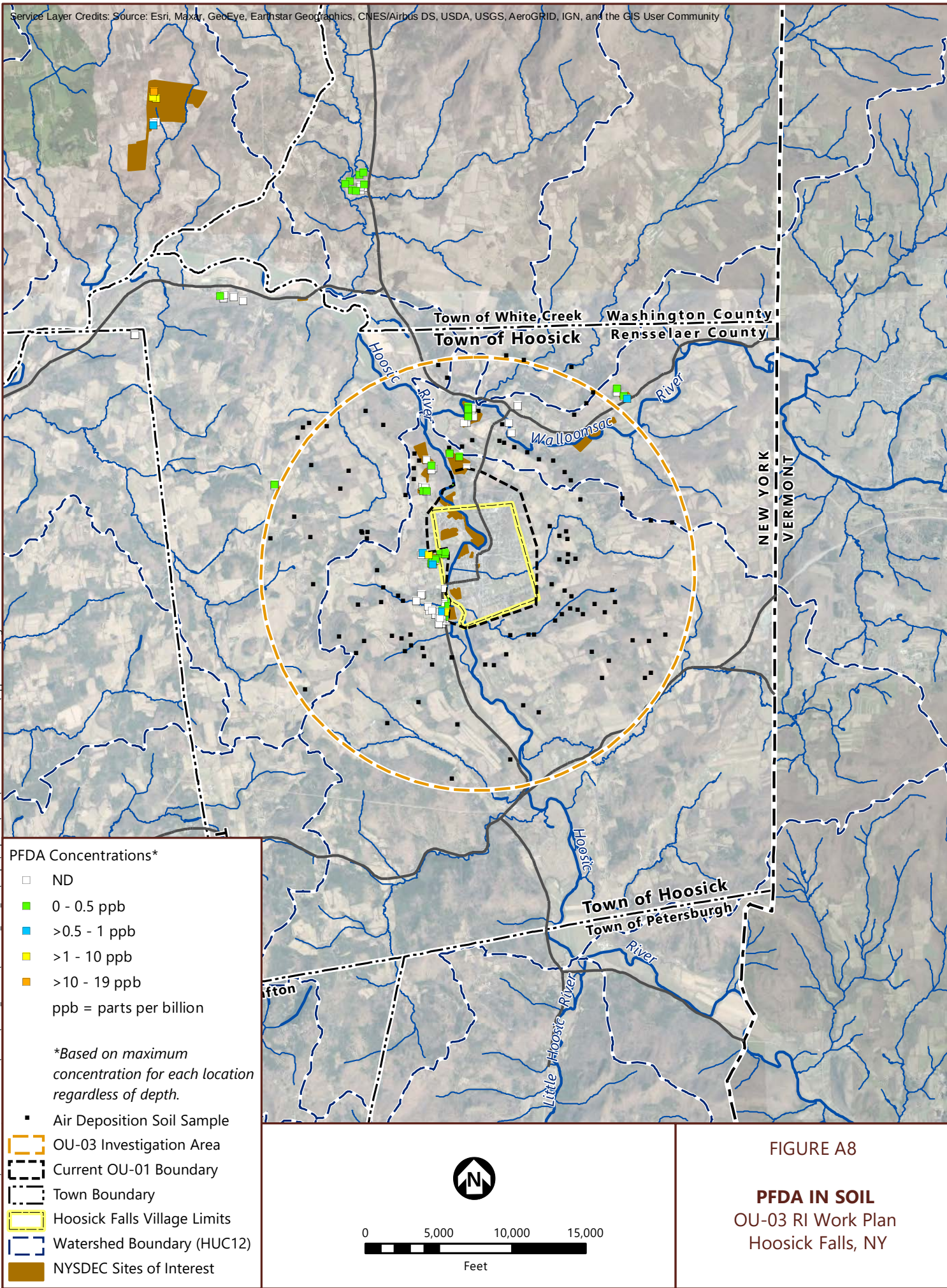


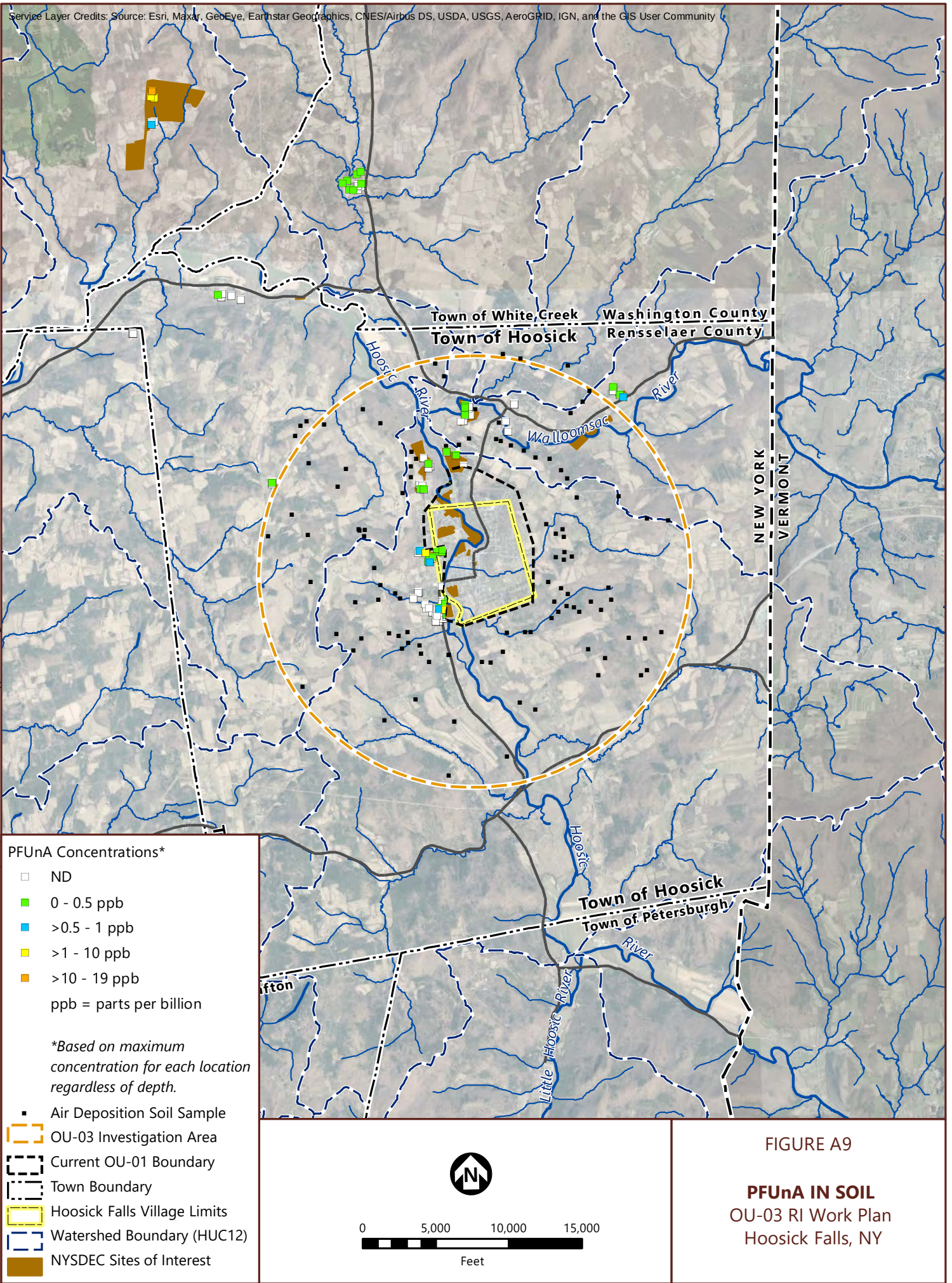


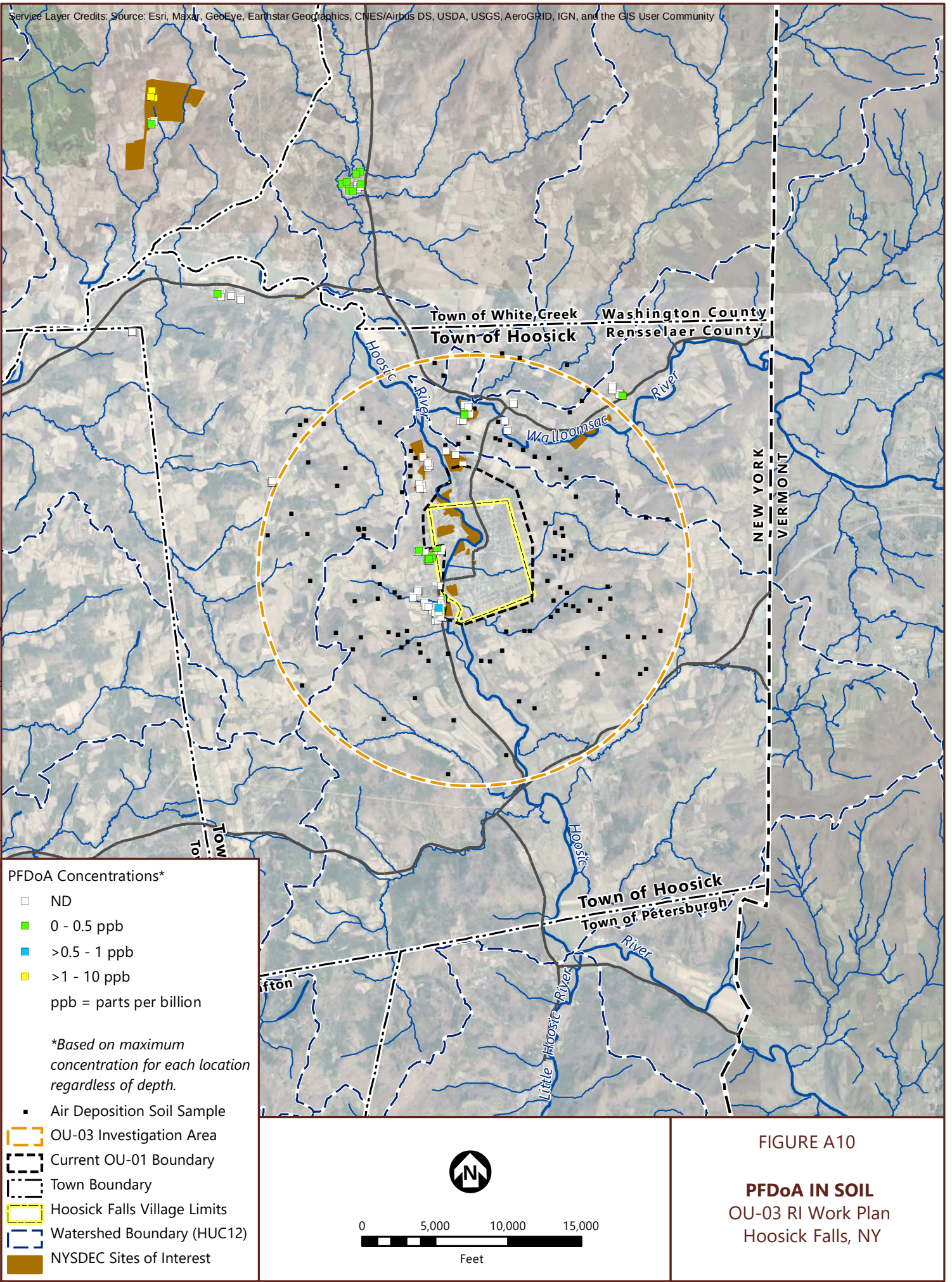












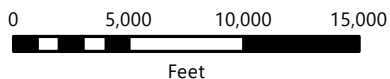
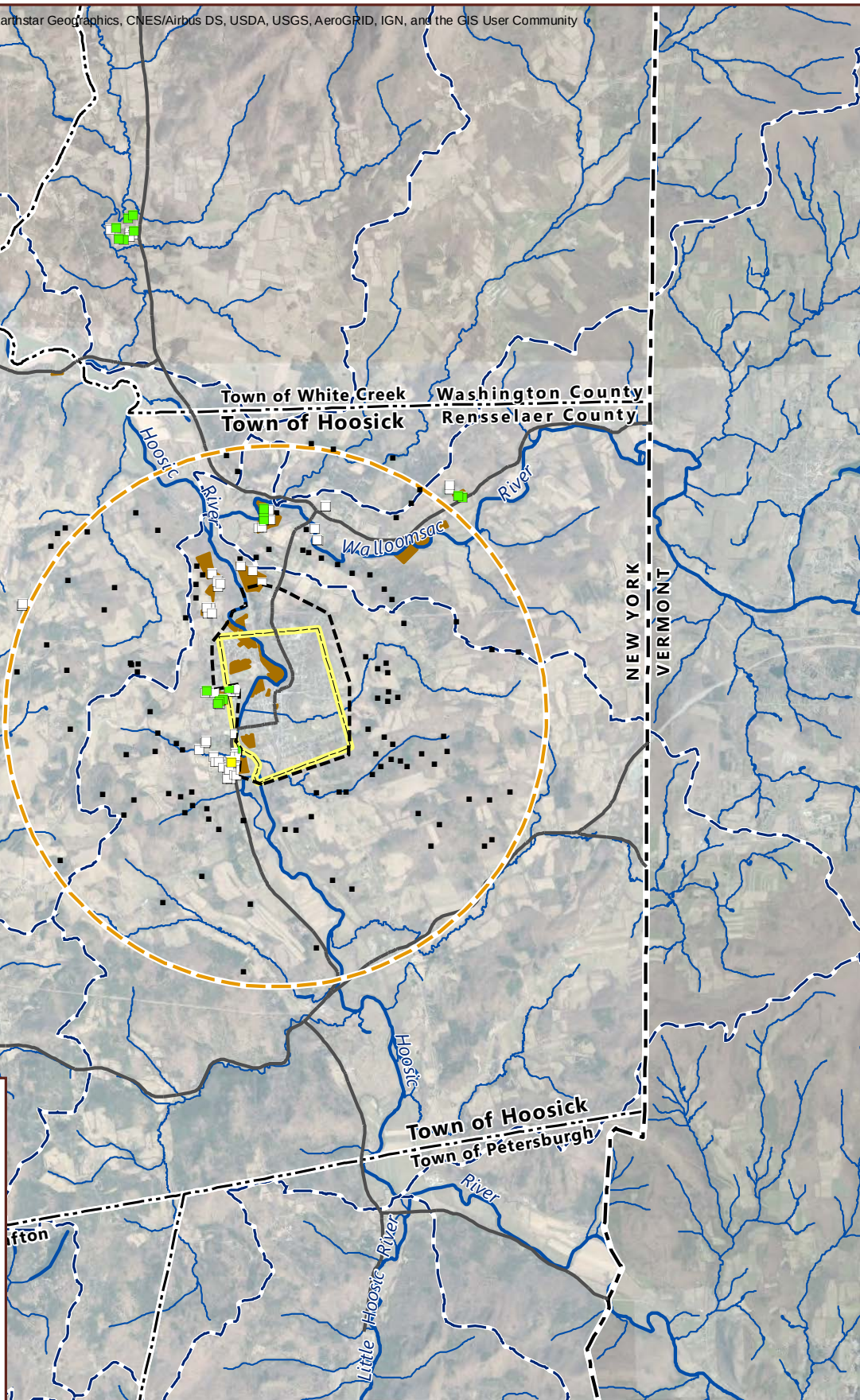
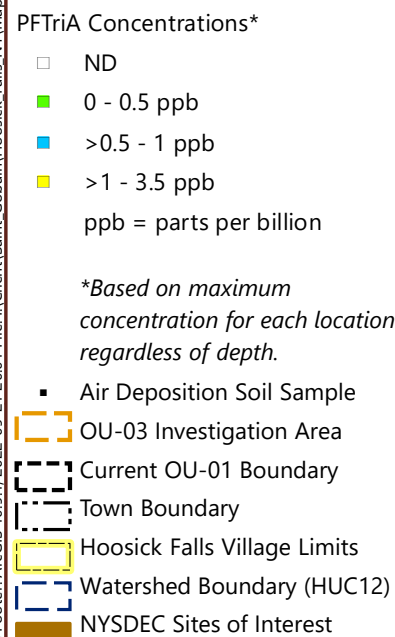


FIGURE A11

PFtriA IN SOIL
OU-03 RI Work Plan
Hoosick Falls, NY

Appendix B-1

PFAS Concentrations in Groundwater

Figure B1	PFOA in Groundwater
Figure B2	PFOS in Groundwater
Figure B3	PFBS in Groundwater
Figure B4	PFHxS in Groundwater
Figure B5	PFBA in Groundwater
Figure B6	PFPeA in Groundwater
Figure B7	PFHxA in Groundwater
Figure B8	PFHpA in Groundwater
Figure B9	PFNA in Groundwater

BEC Footer: ArcGIS 10.8.1, 2023-06-02 14:18 File: \\Client\Saint_Gobain\Hoosick_Falls_NY\Maps\Reports\2022\OU-03 RI Work Plan\Appendix B\Figure B1 PFOA in Groundwater.mxd User: bal

PFOA Concentrations*

- ND - 10 ppt
- >10 - 100 ppt
- >100 - 500 ppt
- >500 - 24000 ppt

ppt = parts per trillion

*Based on maximum concentration for each location regardless of depth or date.

- Non-Public Well Location
- Current OU-03 Investigation Area
- Current OU-01 Boundary
- Town Boundary
- Hoosick Falls Village Limits
- Watershed Boundary (HUC12)
- NYSDEC Sites of Interest

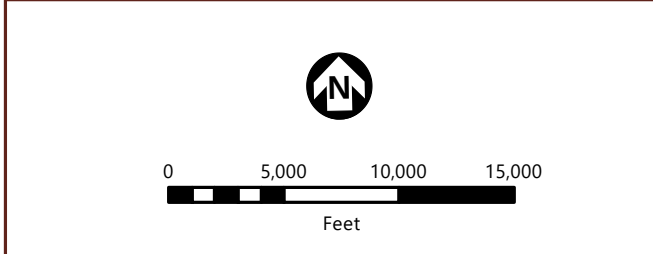
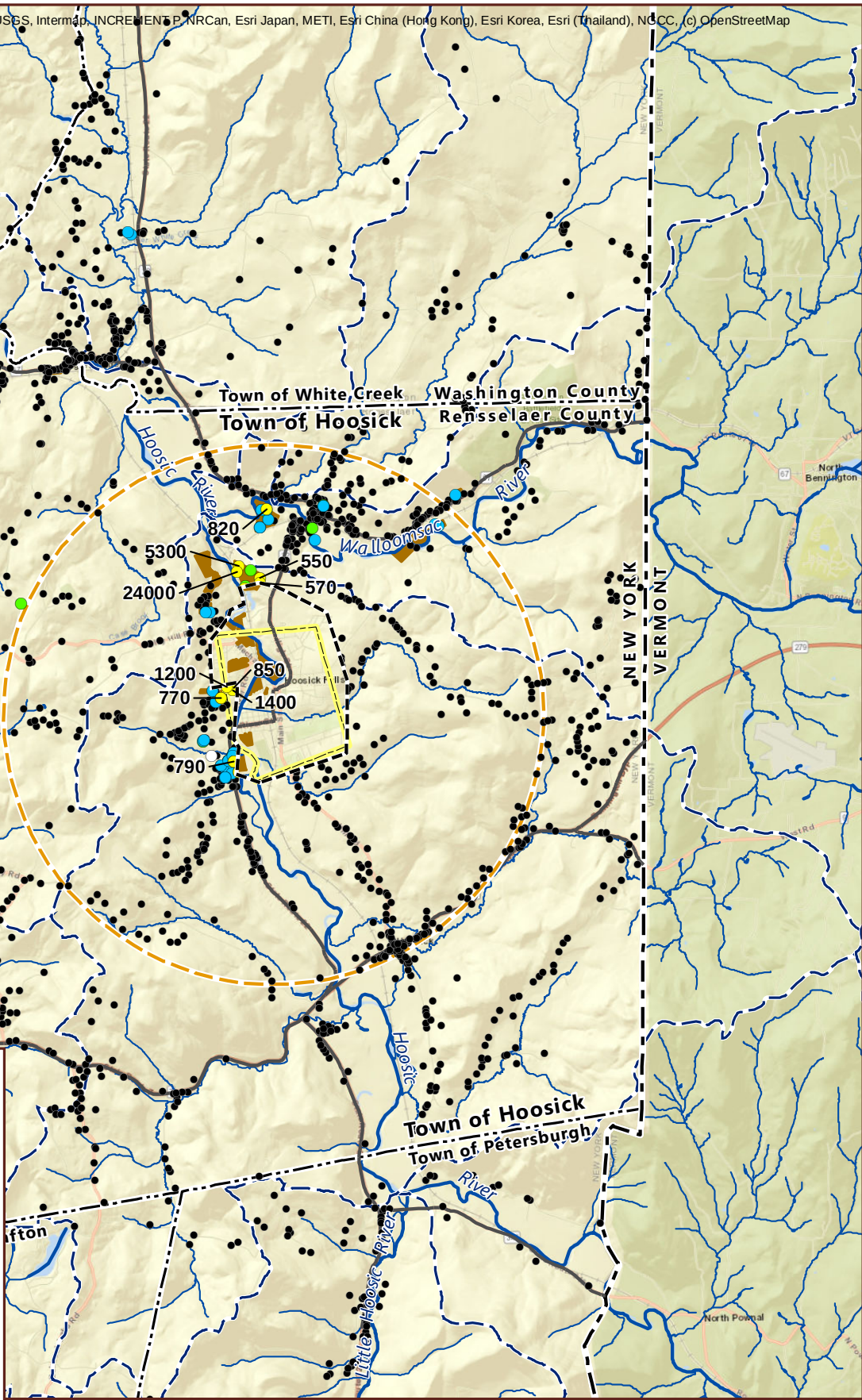


FIGURE B1

PFOA IN GROUNDWATER

OU-03 RI Work Plan

Hoosick Falls, NY

BEC Footer: ArcGIS 10.8.1, 2023-06-02 14:52 File: \\Client\Saint_Gobain\Hoosick Falls\NYSDEC\Reports\2022\OU-03 RI Work Plan\Appendix B\Figure B2 PFOS in Groundwater.mxd User: bal

PFOS Concentrations*

- ND - 2 ppt
- >2 - 10 ppt
- >10 - 50 ppt
- >50 - 130 ppt

ppt = parts per trillion

*Based on maximum concentration for each location regardless of depth or date.

- Non-Public Well Location
- Current OU-03 Investigation Area
- Current OU-01 Boundary
- Town Boundary
- Hoosick Falls Village Limits
- Watershed Boundary (HUC12)
- NYSDEC Sites of Interest

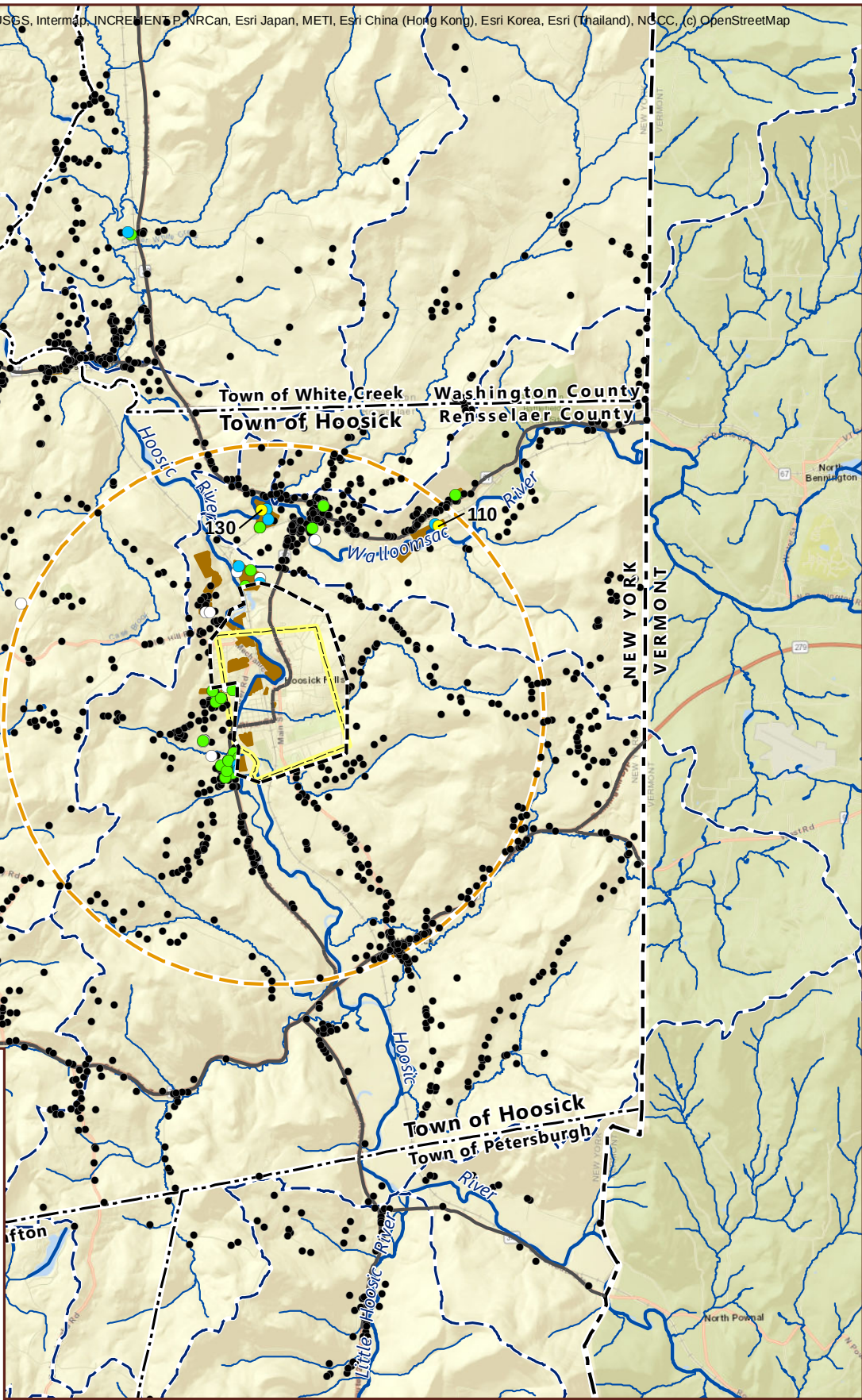


FIGURE B2

PFOS IN GROUNDWATER
 OU-03 RI Work Plan
 Hoosick Falls, NY

BEC Footer: ArcGIS 10.8.1, 2023-06-02 14:53 File: \\Client\Saint_Gobain\Hoosick_Falls_NY\Maps\Reports\2022\OU-03 RI Work Plan\Appendix B\Figure B3 PFBS in Groundwater.mxd User: bal

PFBS Concentrations*

- ND - 2.5 ppt
- >2.5 - 5 ppt
- >5 - 10 ppt
- >10 - 17 ppt

ppt = parts per trillion

*Based on maximum concentration for each location regardless of depth or date.

- Non-Public Well Location
- Current OU-03 Investigation Area
- Current OU-01 Boundary
- Town Boundary
- Hoosick Falls Village Limits
- Watershed Boundary (HUC12)
- NYSDEC Sites of Interest

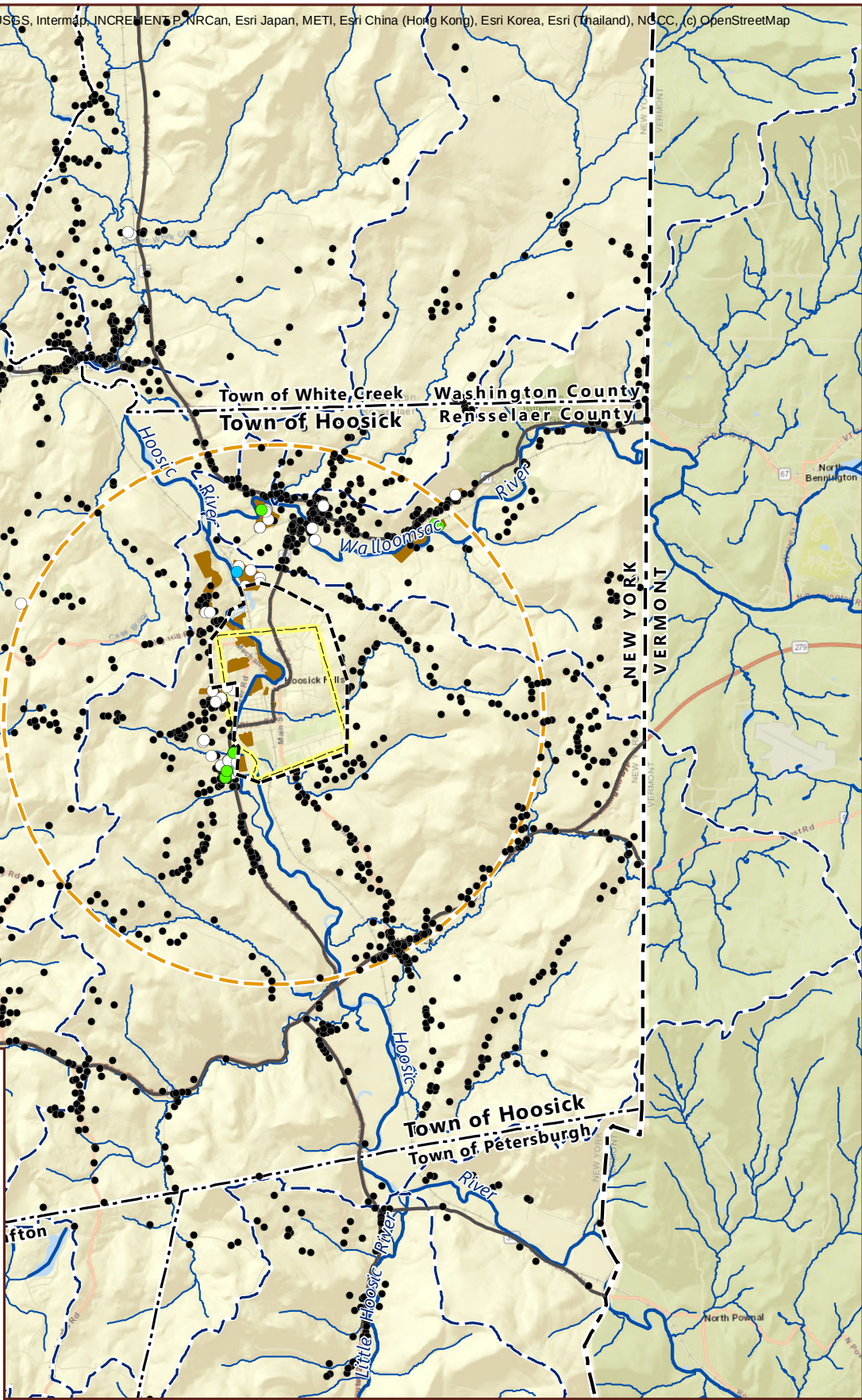
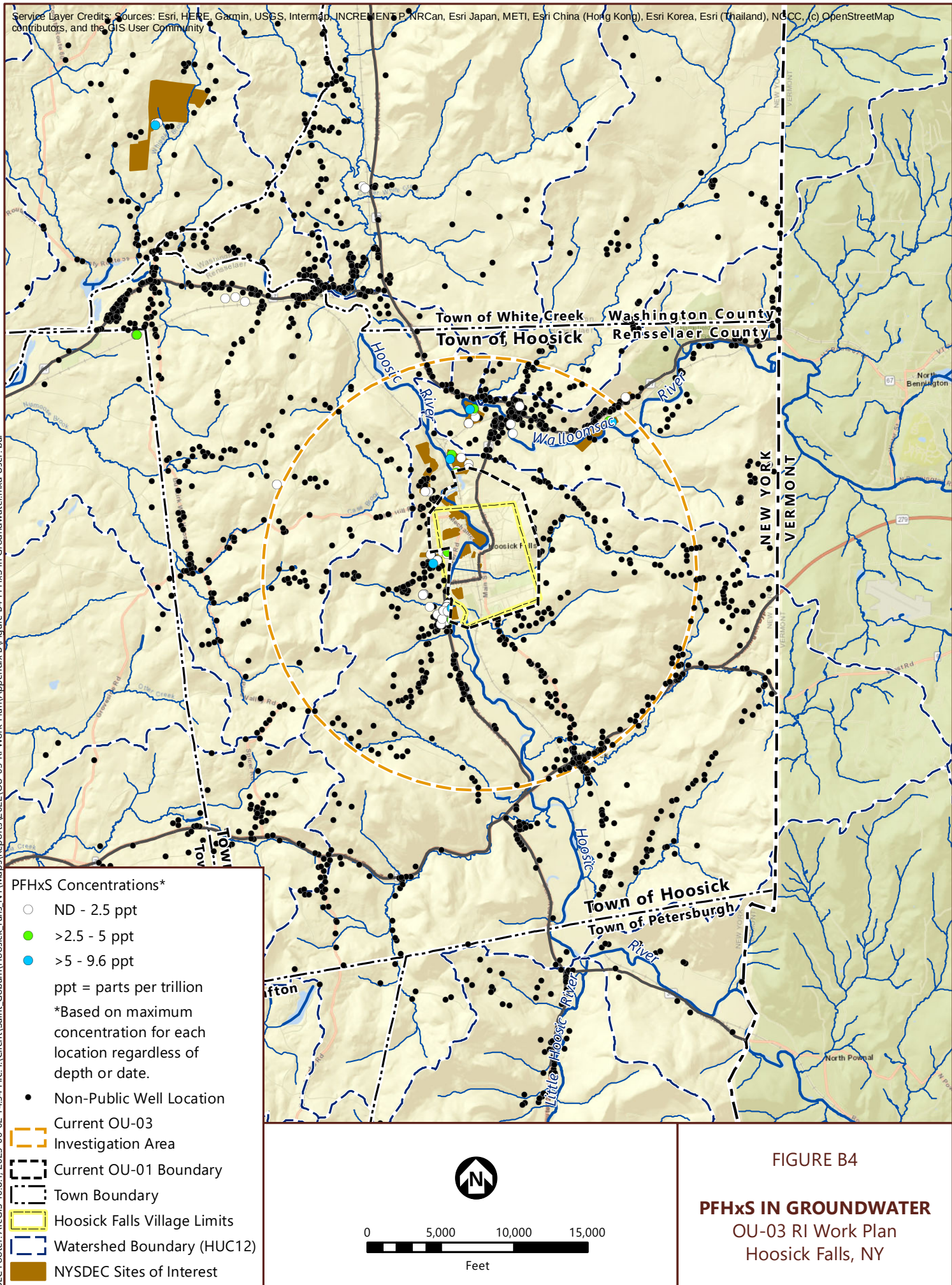


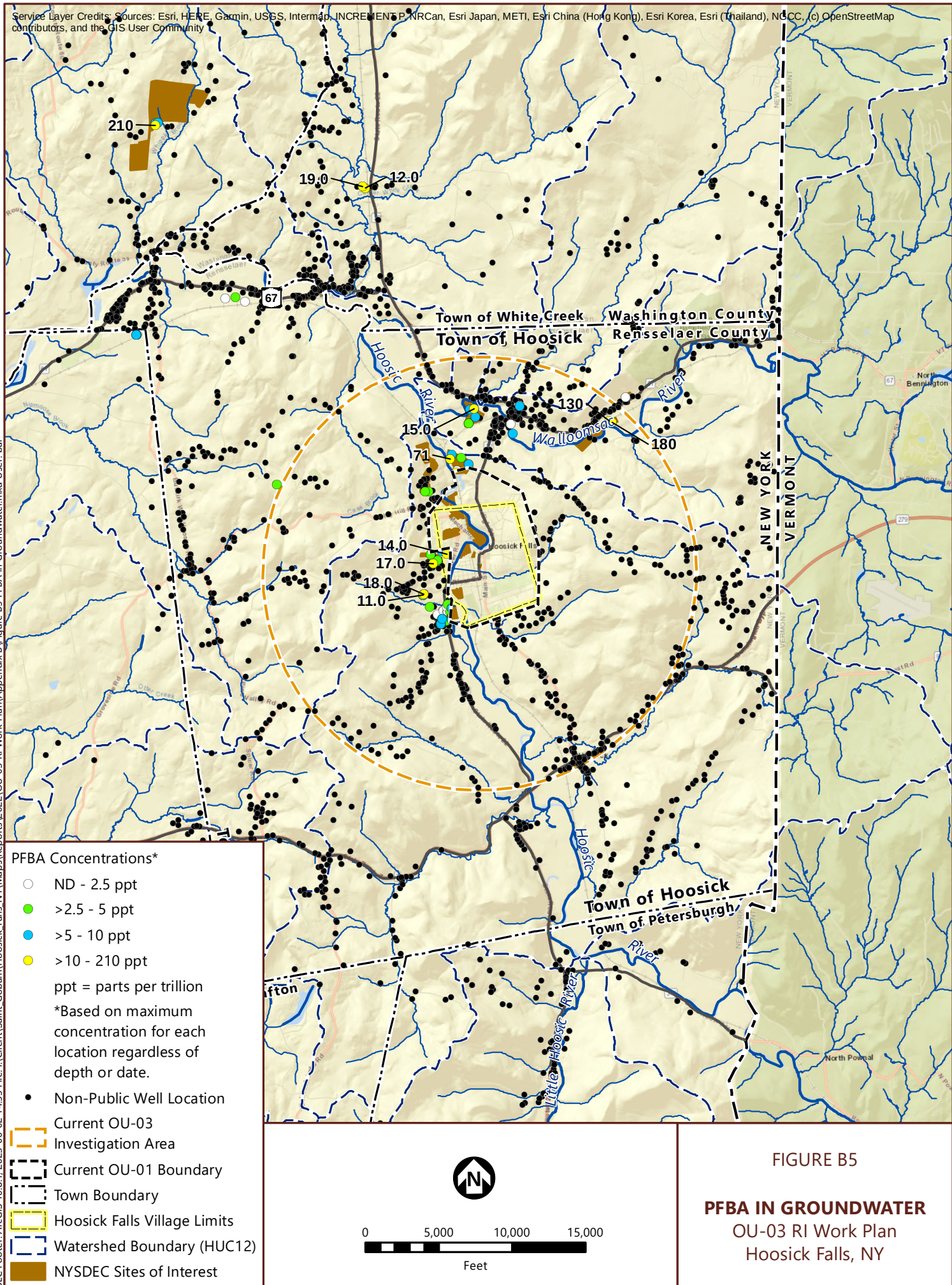
FIGURE B3

PFBS IN GROUNDWATER
 OU-03 RI Work Plan
 Hoosick Falls, NY

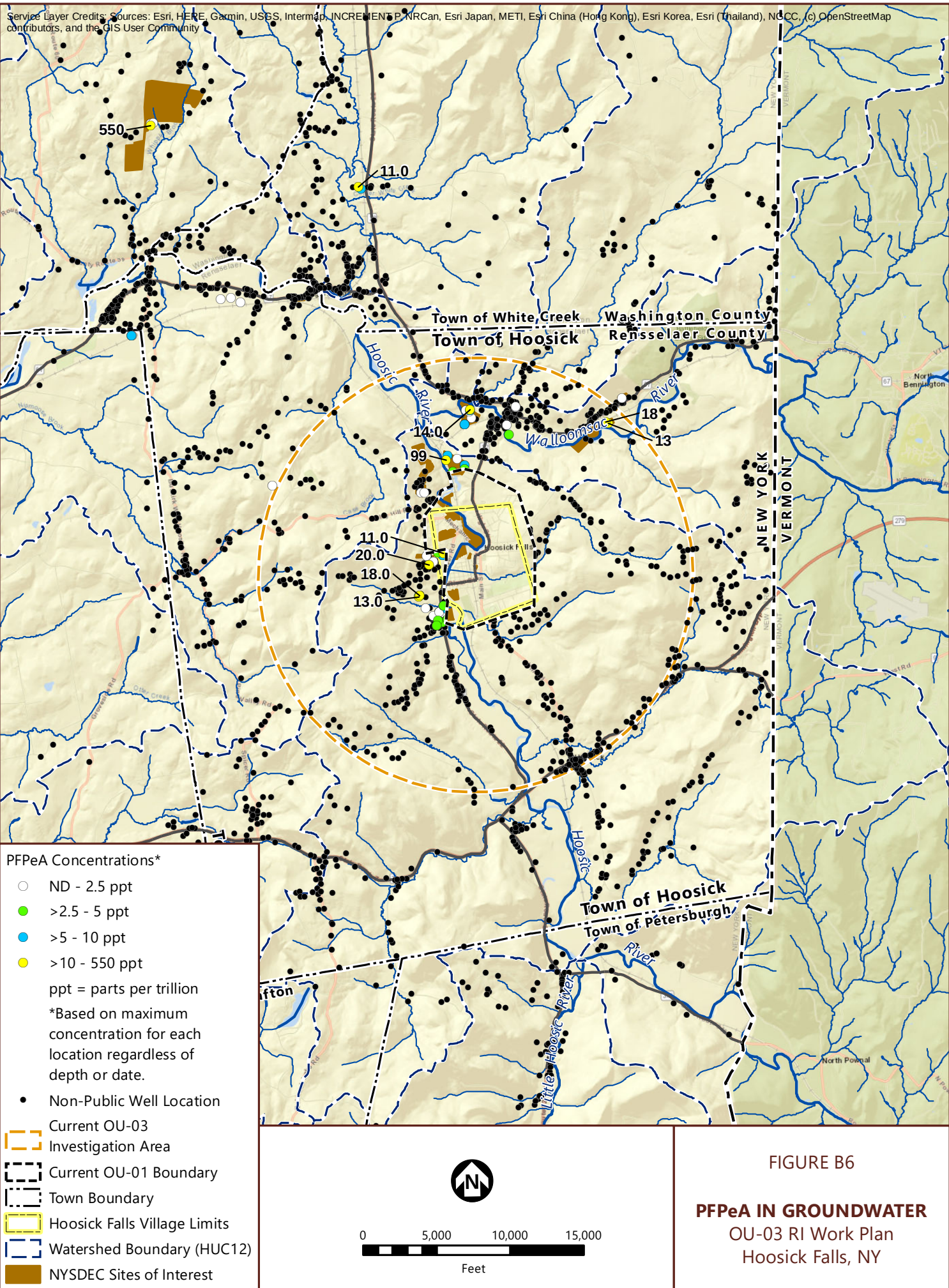
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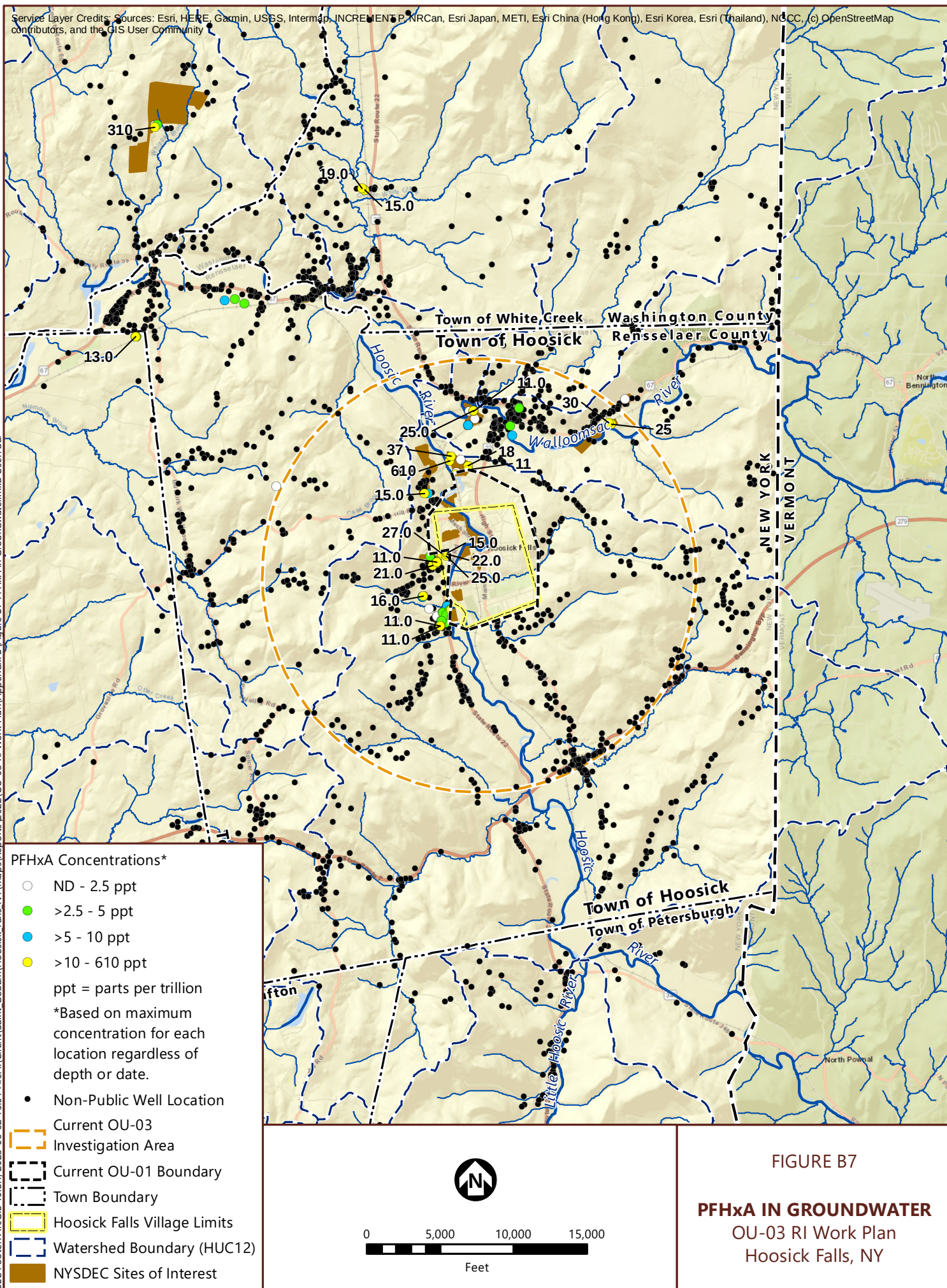


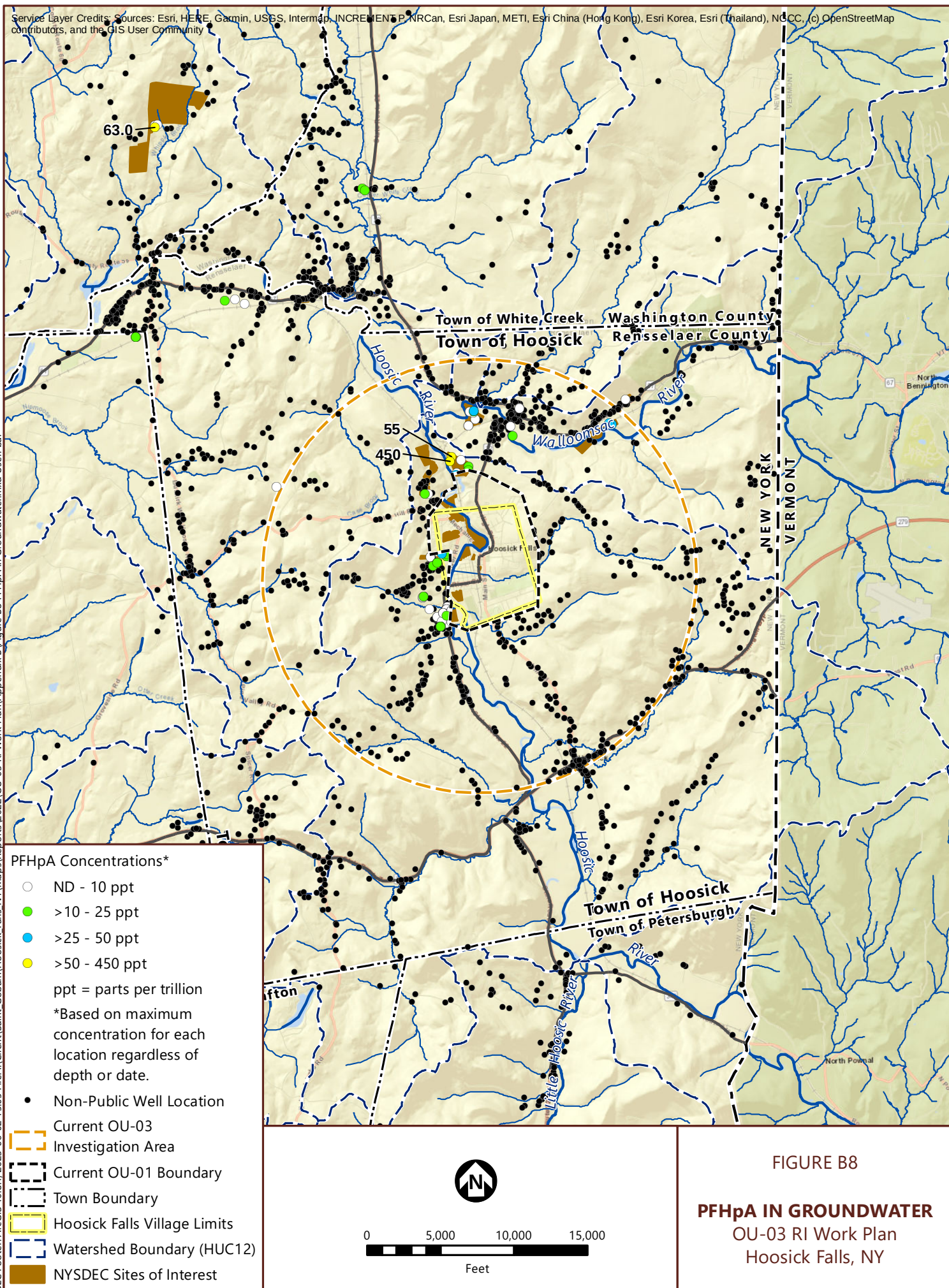
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BEC Footer: ArcGIS 10.8.1, 2023-06-02 14:56 File: \\Client\Saint_Gobain\Hoosick_Falls_NY\Maps\Reports\2022\OU-03 RI Work Plan\Appendix B\Figure B6 PFPeA in Groundwater.mxd User: bal







BEC Footer: ArcGIS 10.8.1, 2023-06-02 15:09 File: \\Client\Saint_Gobain\Hoosick Falls\NYSDEC\Reports\2022\OU-03 RI Work Plan\Appendix B\Figure B9 PFNA in Groundwater.mxd User: bal

PFNA Concentrations*

- ND - 2.5 ppt
- >2.5 - 5 ppt
- >5 - 10 ppt
- >10 - 60 ppt

ppt = parts per trillion

*Based on maximum concentration for each location regardless of depth or date.

- Non-Public Well Location
- Current OU-03 Investigation Area
- Current OU-01 Boundary
- Town Boundary
- Hoosick Falls Village Limits
- Watershed Boundary (HUC12)
- NYSDEC Sites of Interest

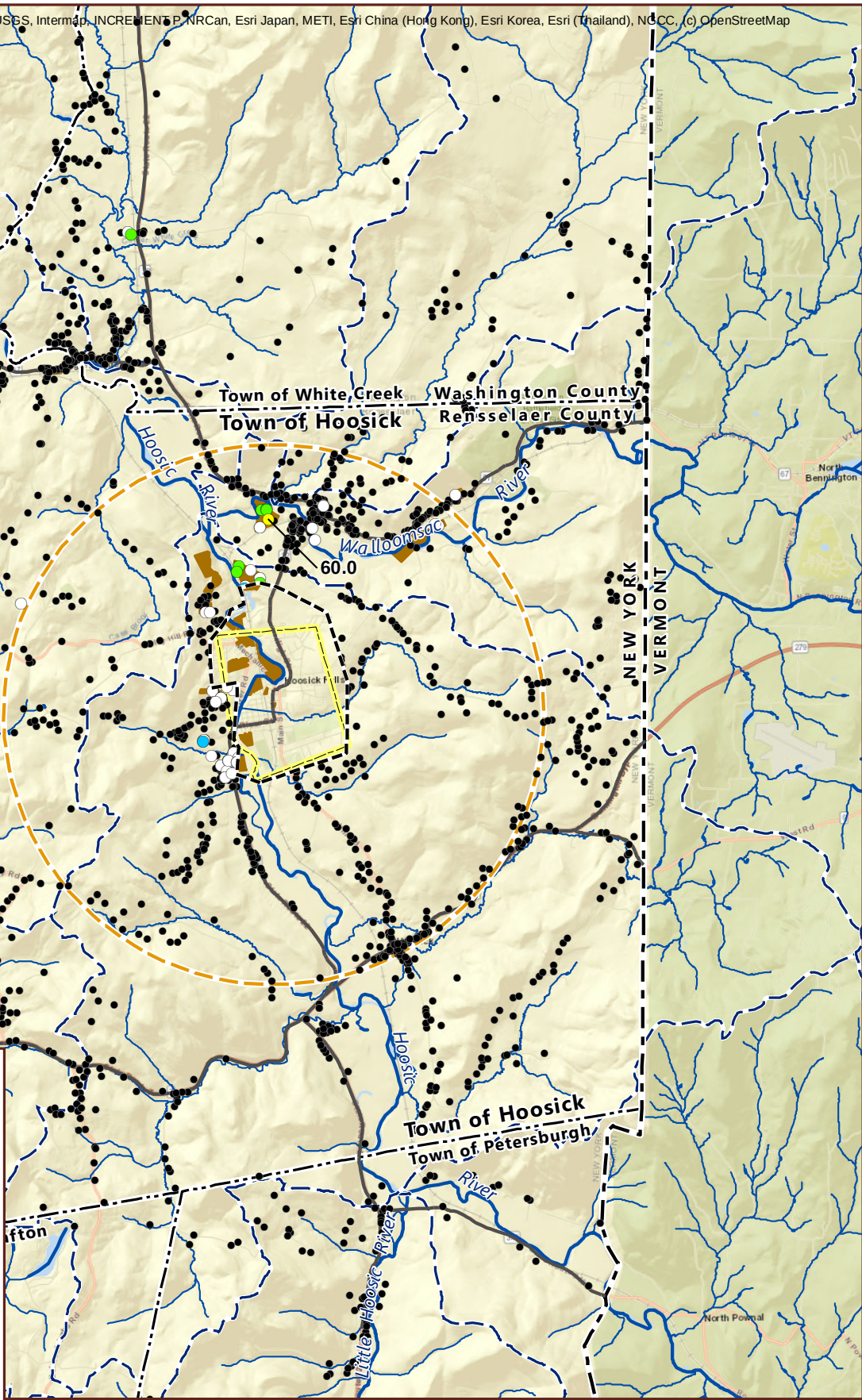


FIGURE B9

PFNA IN GROUNDWATER

OU-03 RI Work Plan

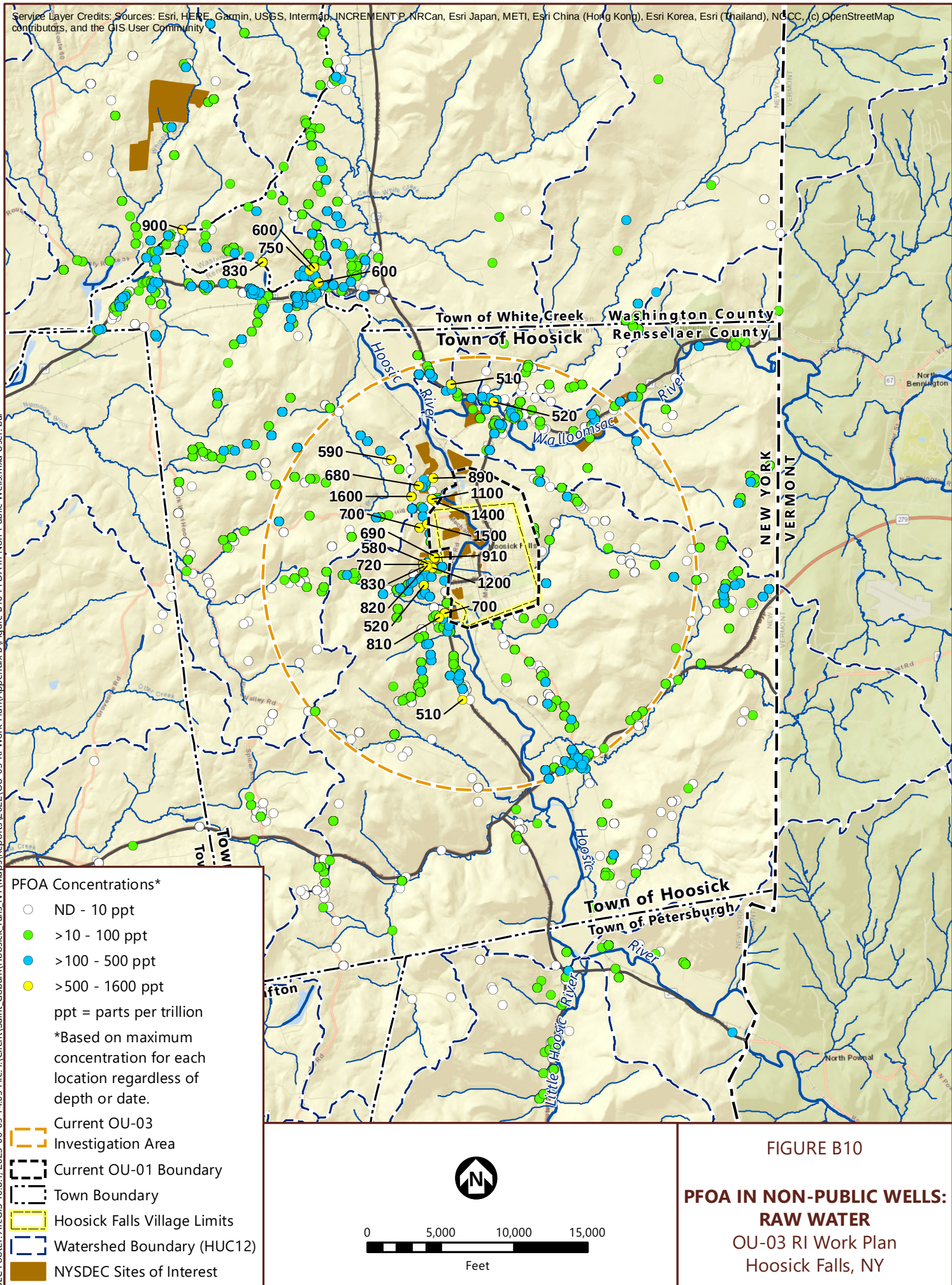
Hoosick Falls, NY

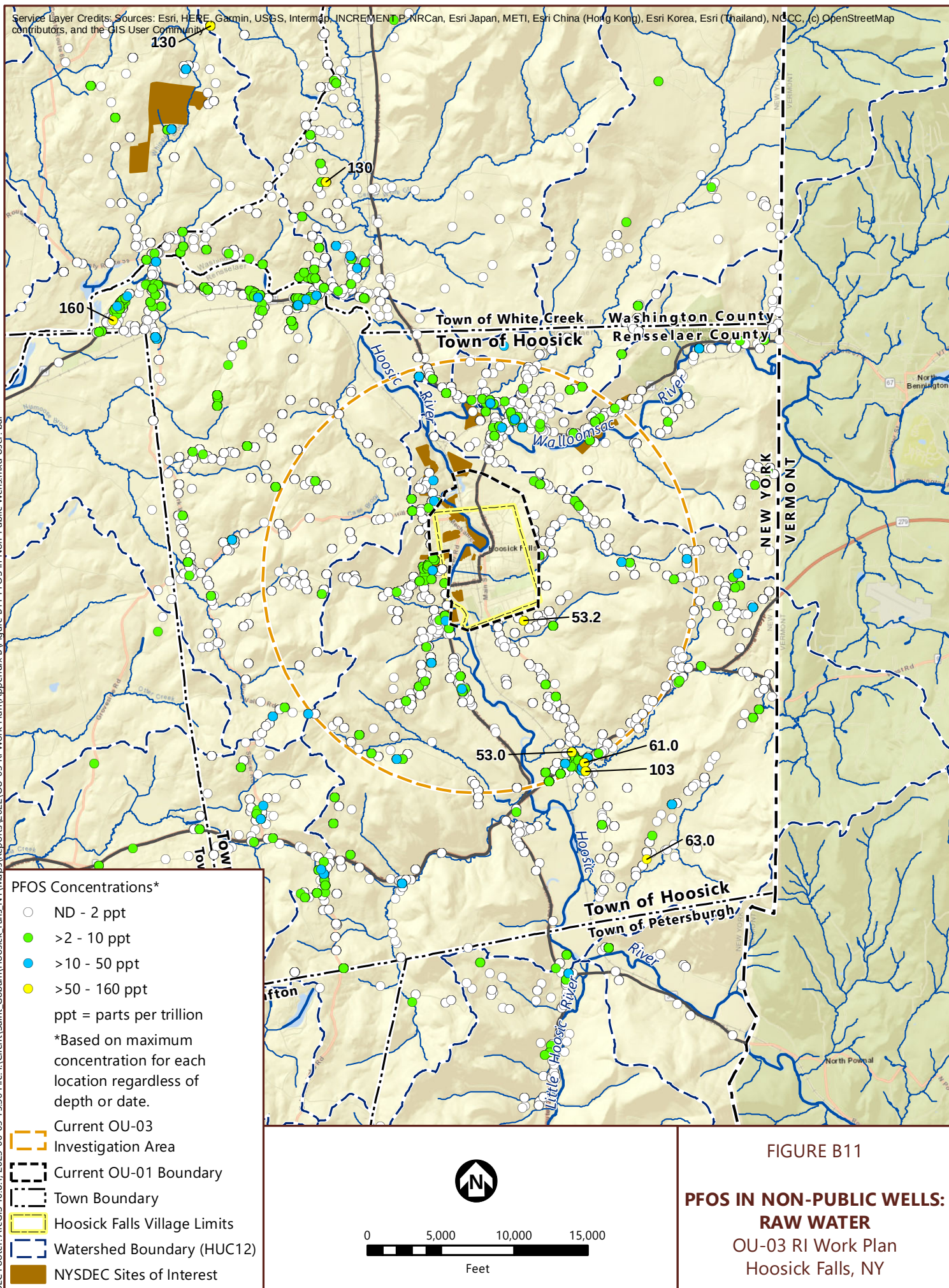
Appendix B-2

PFAS Raw Water Concentrations in Non-Public Well Samples

Figure B10	PFOA in Non-Public Wells: Raw Water
Figure B11	PFOS in Non-Public Wells: Raw Water
Figure B12	PFBS in Non-Public Wells: Raw Water
Figure B13	PFHxS in Non-Public Wells: Raw Water
Figure B14	PFBA in Non-Public Wells: Raw Water
Figure B15	PFPeA in Non-Public Wells: Raw Water
Figure B16	PFHxA in Non-Public Wells: Raw Water

BEC Footer: ArcGIS 10.8.1, 2023-06-05 14:05 File: \\Client\Saint_Gobain\Hoosick_Falls_NY\Maps\Reports\2022\OU-03 RI Work Plan\Appendix B\Figure B10 PFOA in Non-Public Wells.mxd User: bal





BEC Footer: ArcGIS 10.8.1, 2023-06-06 16:37 File: \\Client\Saint_Gobain\Hoosick Falls_NY\Maps\Reports\2022\OU-03 RI Work Plan\Appendix B\Figure B12 PFBS in Non-Public Wells.mxd User: bal

PFBS Concentrations*

- ND - 2.5 ppt
- >2.5 - 5 ppt
- >5 - 10 ppt
- >10 - 39 ppt

ppt = parts per trillion

*Based on maximum concentration for each location regardless of depth or date.

- Current OU-03 Investigation Area
- Current OU-01 Boundary
- Town Boundary
- Hoosick Falls Village Limits
- Watershed Boundary (HUC12)
- NYSDEC Sites of Interest

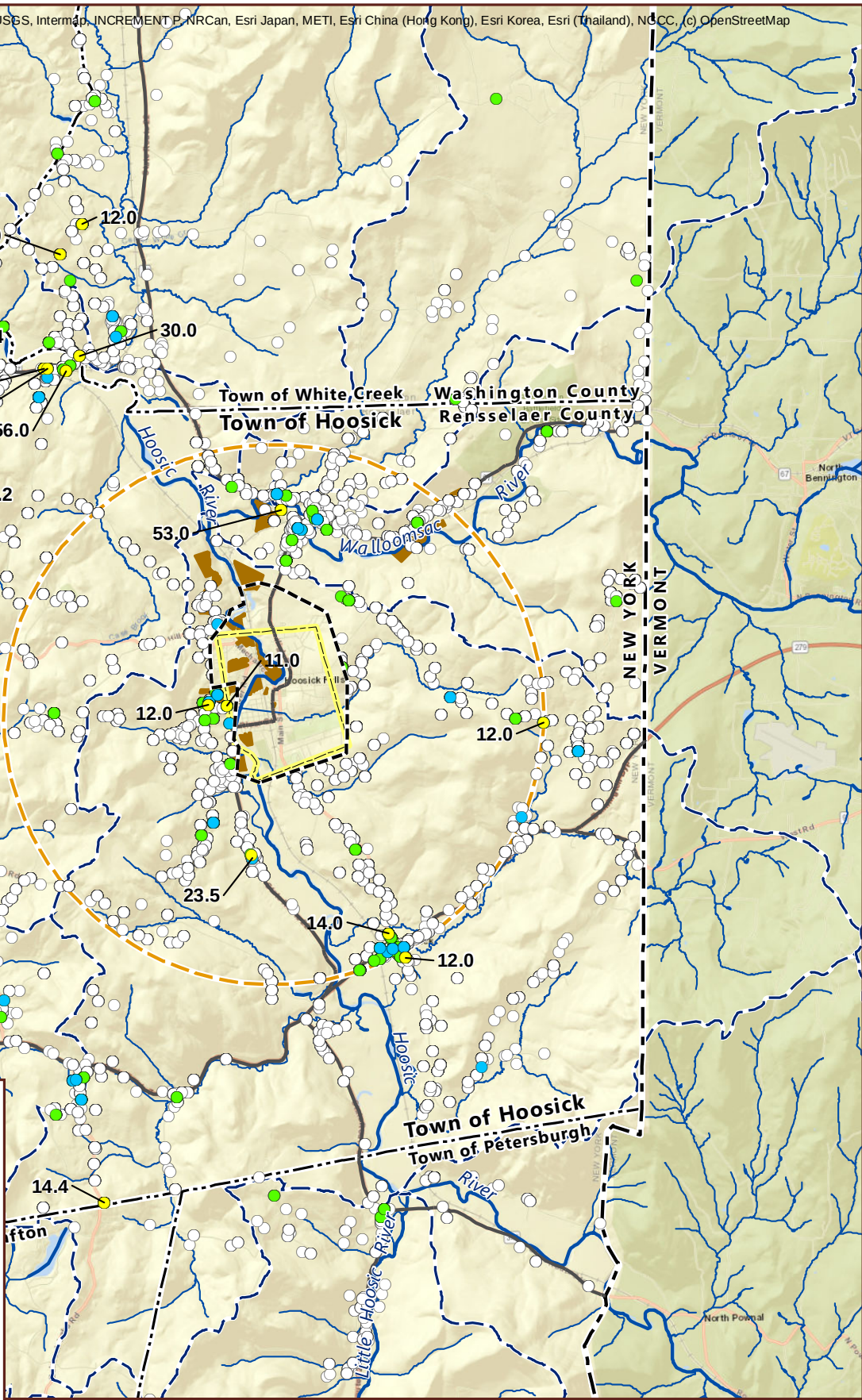


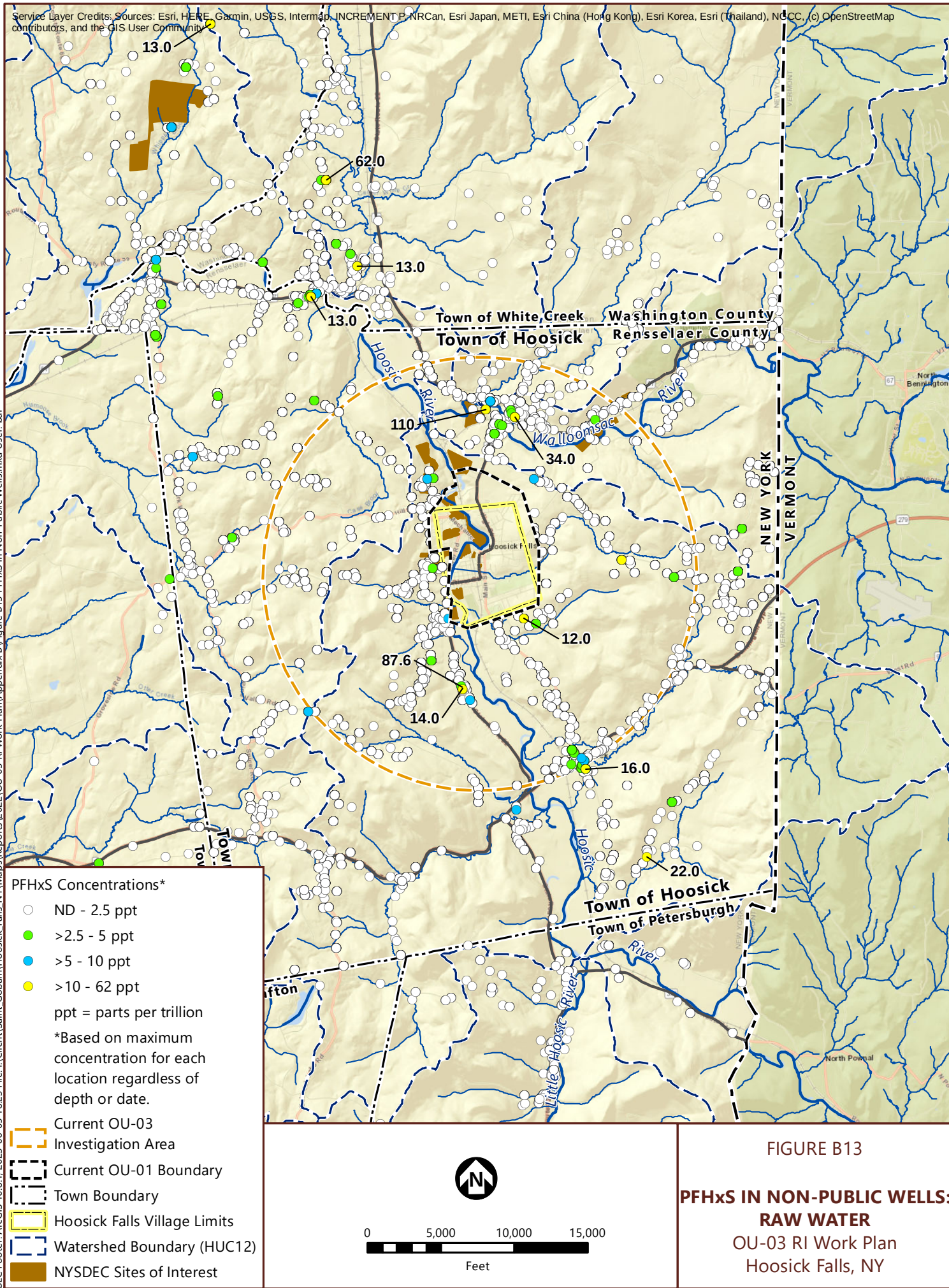
FIGURE B12

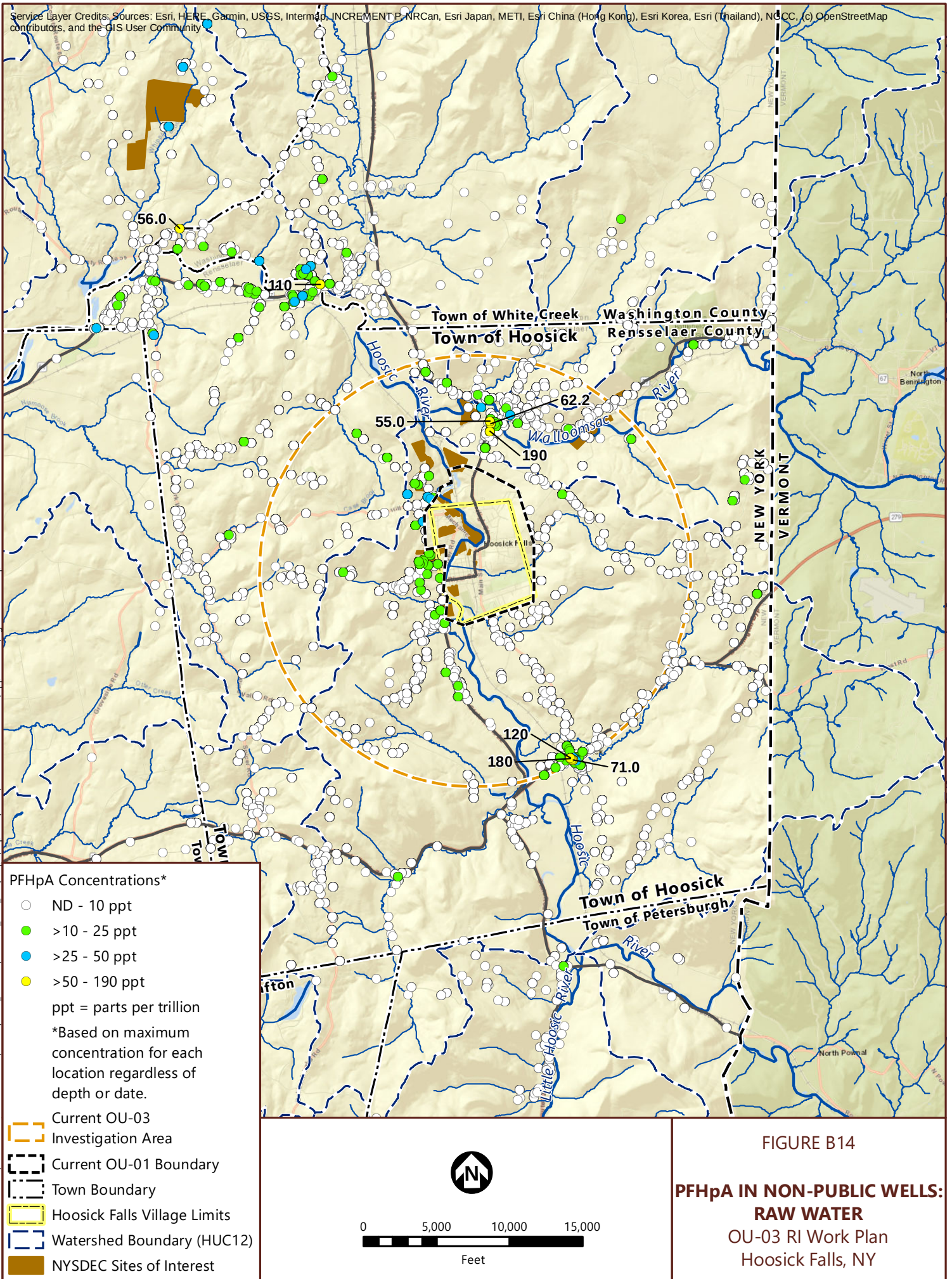
PFBS IN NON-PUBLIC WELLS:

RAW WATER

OU-03 RI Work Plan

Hoosick Falls, NY





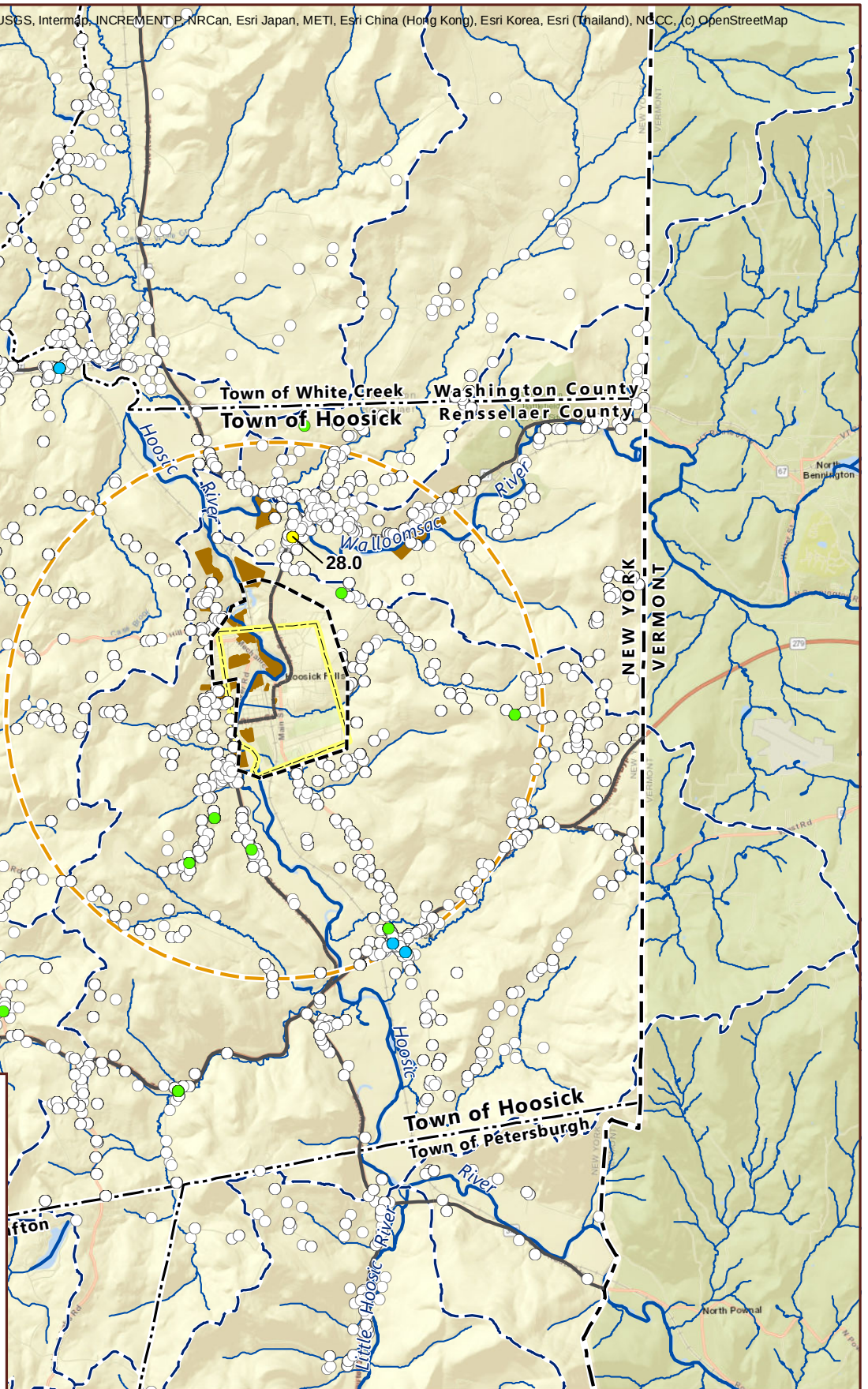
PFNA Concentrations*

- ND - 2.5 ppt
- >2.5 - 5 ppt
- >5 - 10 ppt
- >10 - 28 ppt

ppt = parts per trillion

*Based on maximum concentration for each location regardless of depth or date.

- Current OU-03 Investigation Area
- Current OU-01 Boundary
- Town Boundary
- Hoosick Falls Village Limits
- Watershed Boundary (HUC12)
- NYSDEC Sites of Interest



0 5,000 10,000 15,000
Feet

FIGURE B15

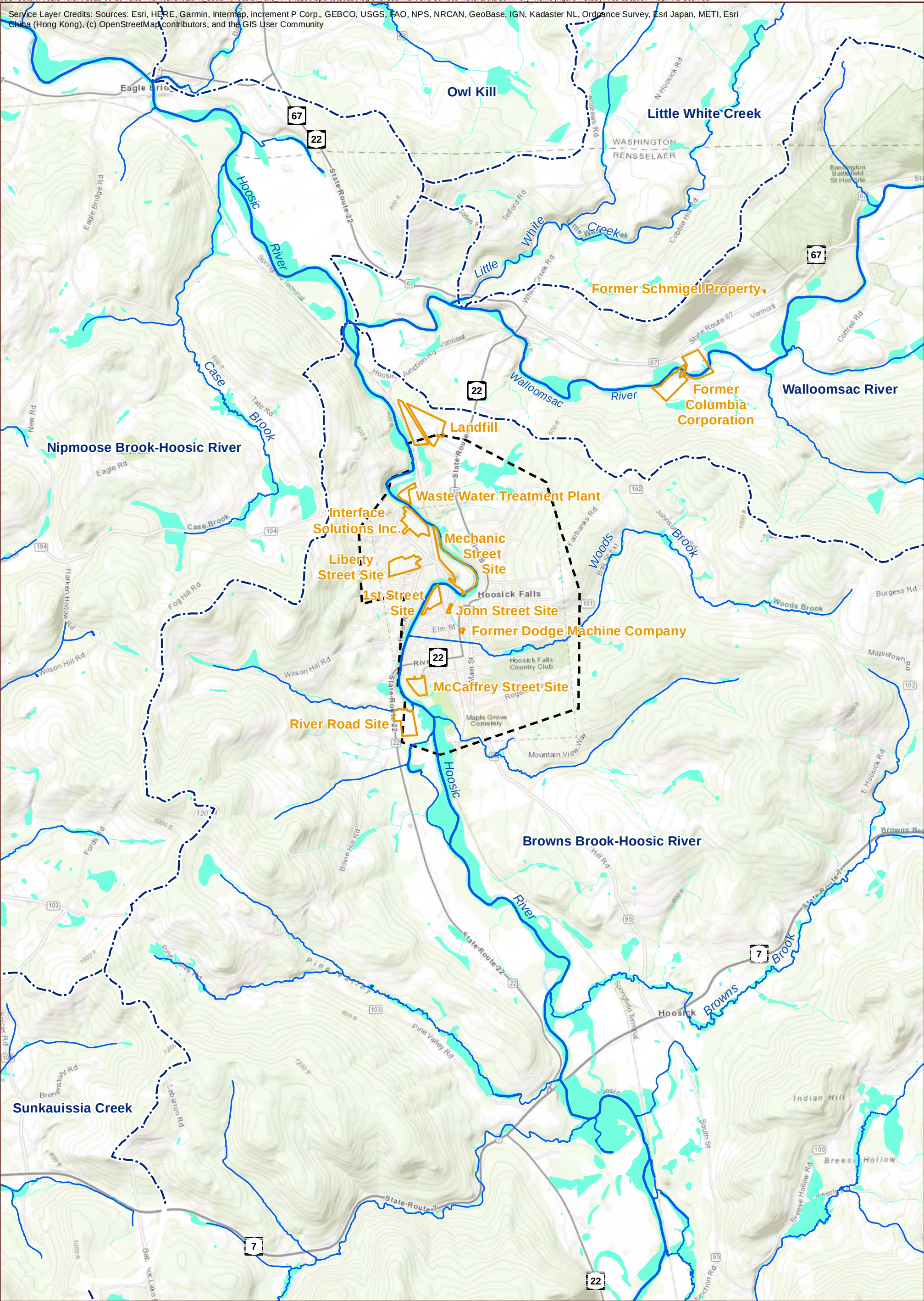
**PFNA IN NON-PUBLIC WELLS:
RAW WATER**
OU-03 RI Work Plan
Hoosick Falls, NY

Appendix C-1

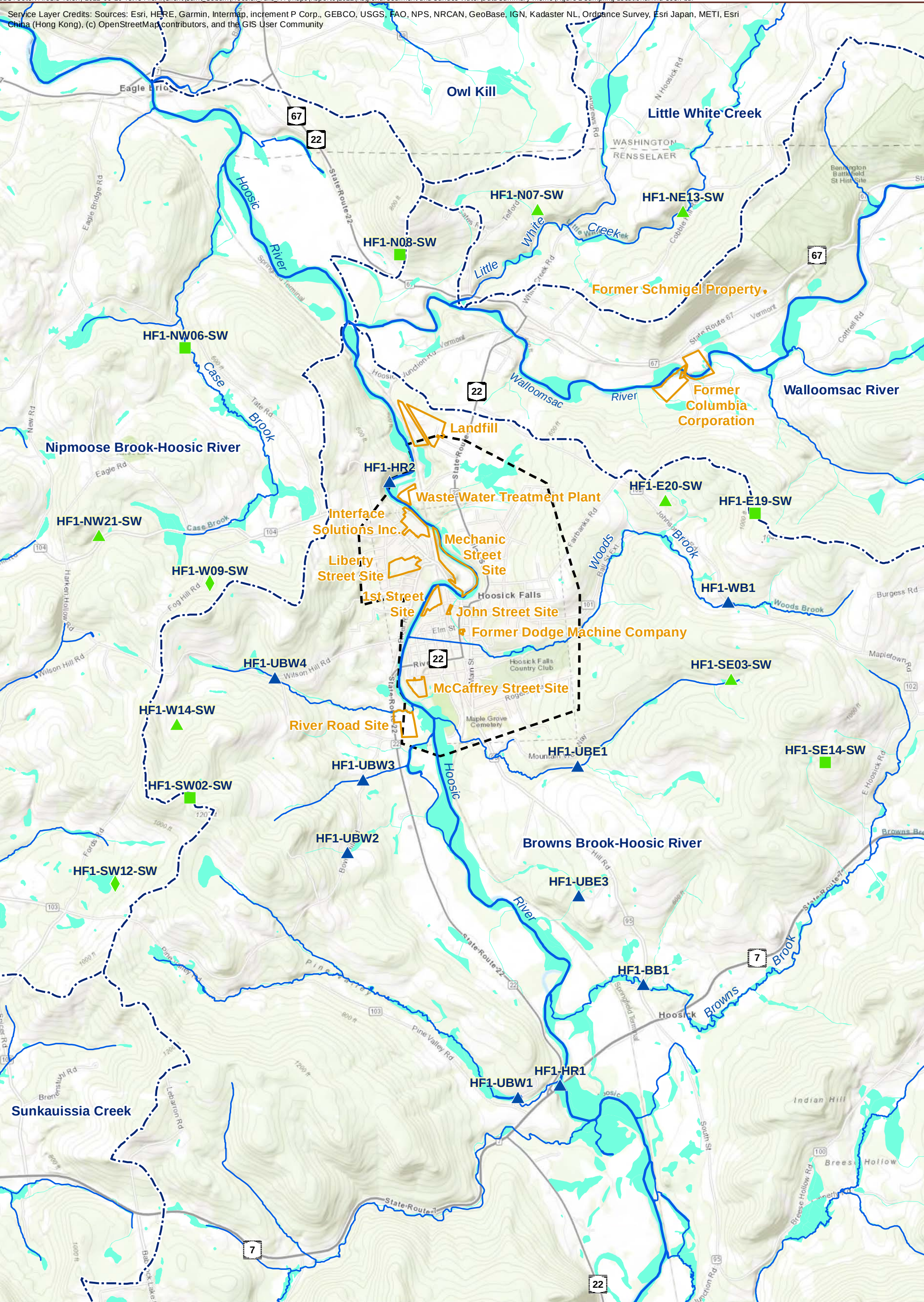
**Figures from Regional Surface Water and Sediment
Sampling Data Summary Report (Sept. 2022)**

Figure 1	Study Area Location Map
Figure 2	Sampling Locations
Figure 3A	PFOA in Surface Water - Regional Baseflow
Figure 3B	PFOS in Surface Water - Regional Baseflow
Figure 4A	PFOA in Sediment - Regional Baseflow
Figure 4B	PFOS in Sediment - Regional Baseflow
Figure 5A	PFOA in Surface Water - Screening Level
Figure 5B	PFOS in Surface Water - Screening Level
Figure 6A	PFOA in Sediment - Screening Level
Figure 6B	PFOS in Sediment - Screening Level

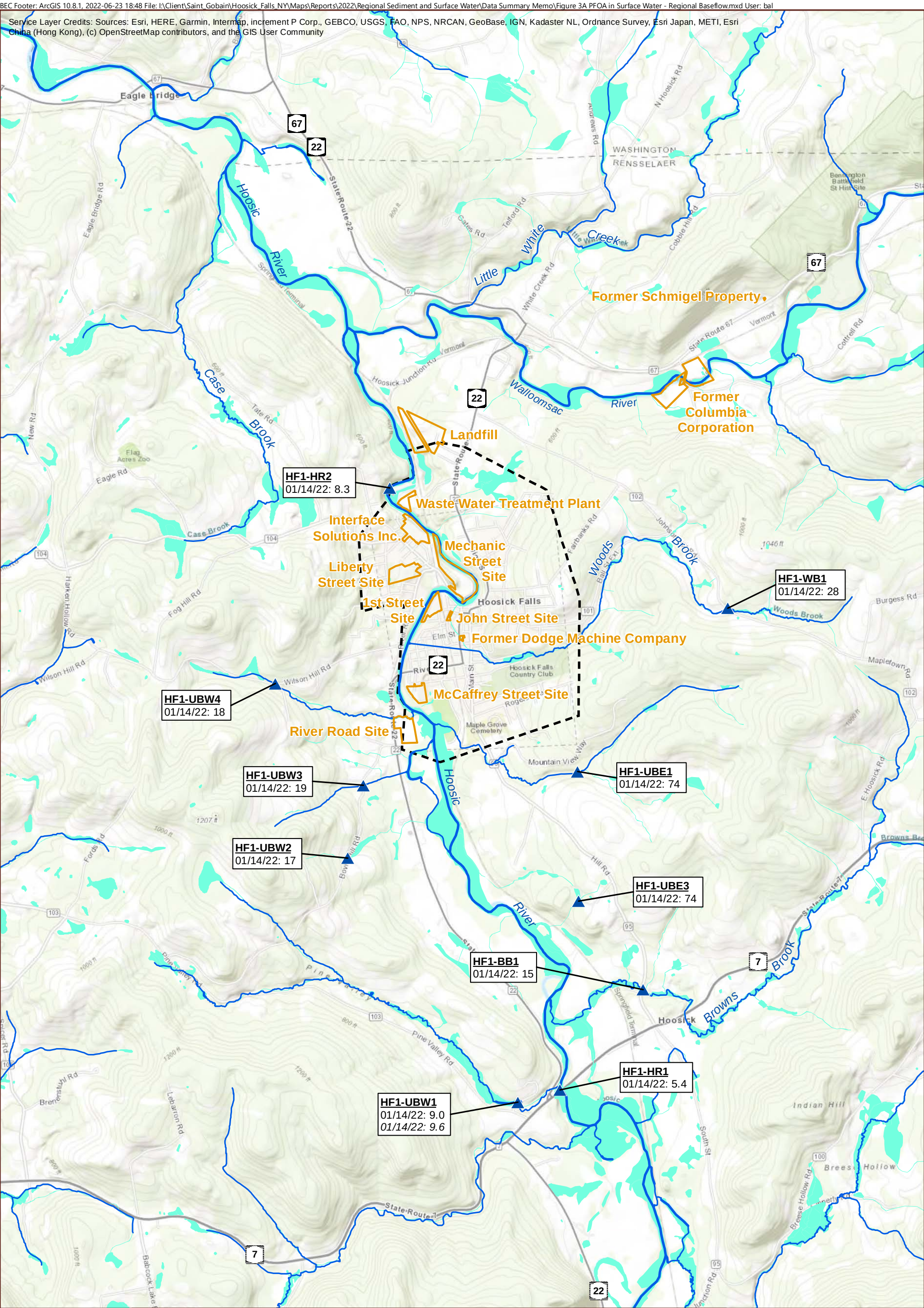
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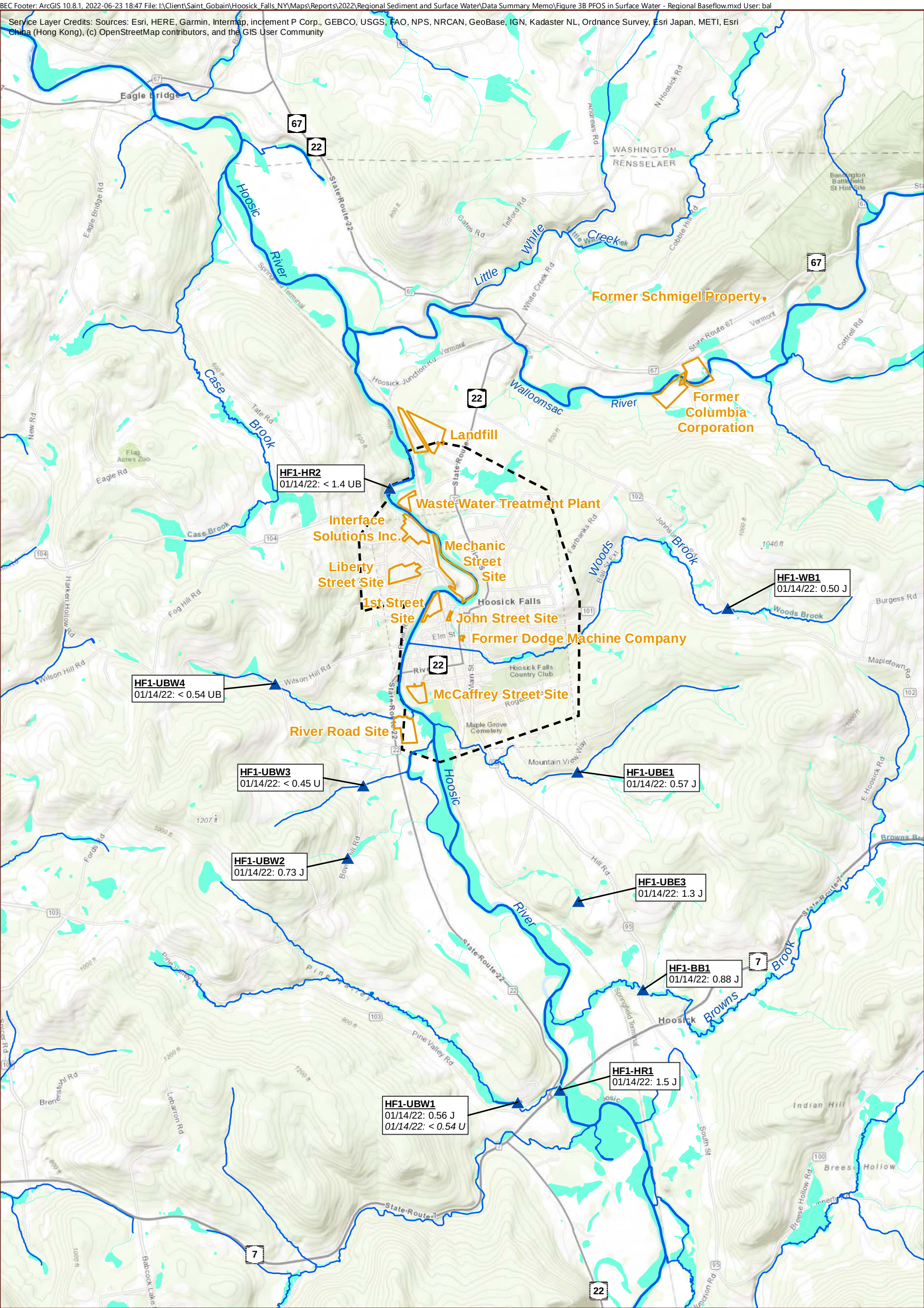
 BEC Engineering and Geology, P.C.	 NYSDEC Remedial Site  Current OU-01 Boundary  Subwatershed Boundary (HUC12)  Wetland  0 1,500 3,000 4,500 Feet	FIGURE 1 STUDY AREA LOCATION MAP Regional Sediment and Surface Water Data Summary Memo Hoosick Falls, NY
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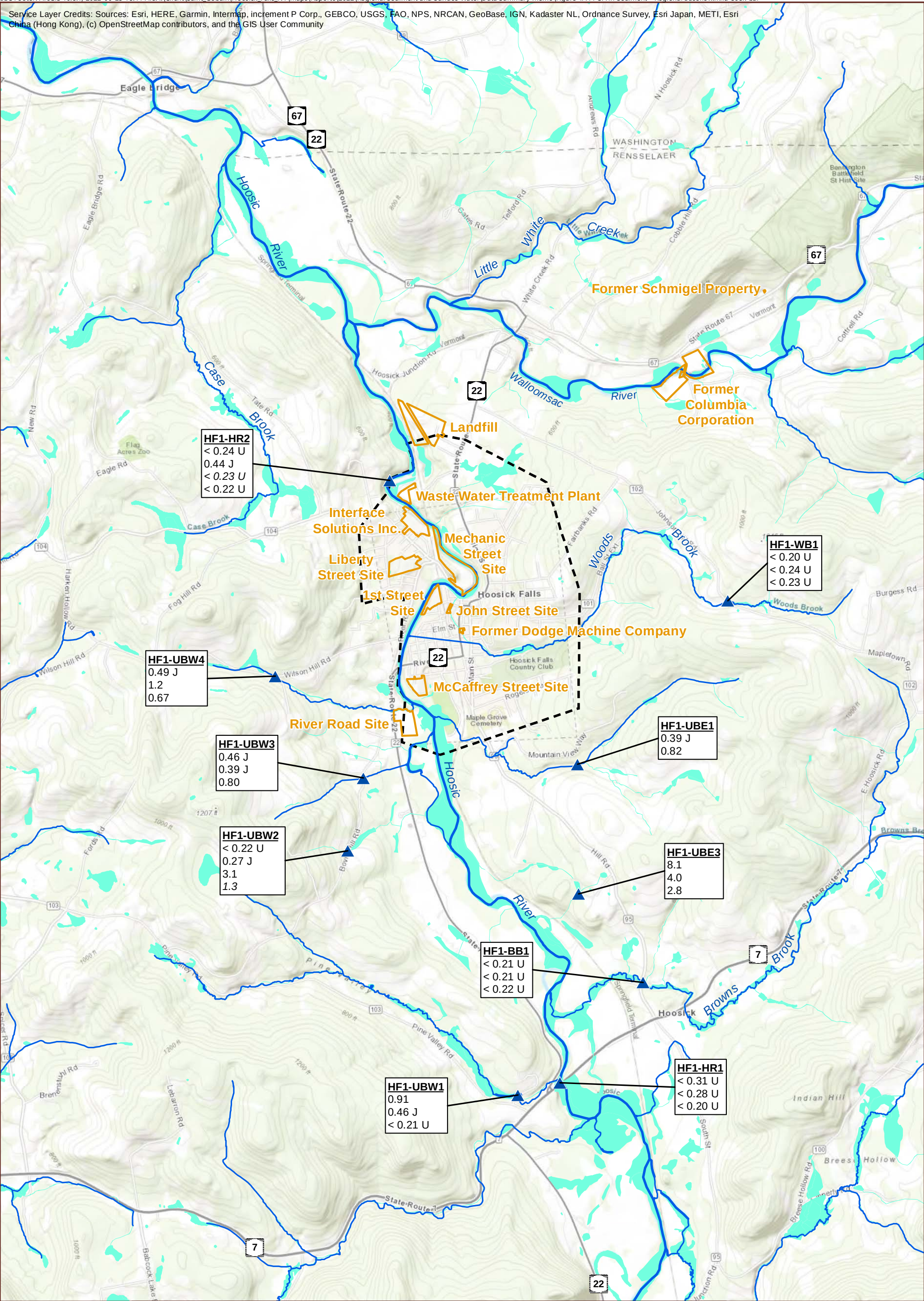
	Regional Baseflow Sampling Location Regional Screening-Level Location Stream/River Spring Pond NYSDEC Remedial Site Current OU-01 Boundary Subwatershed Boundary (HUC12) Wetland 0 1,500 3,000 4,500 Feet	FIGURE 2 SAMPLING LOCATIONS Regional Sediment and Surface Water Data Summary Memo Hoosick Falls, NY
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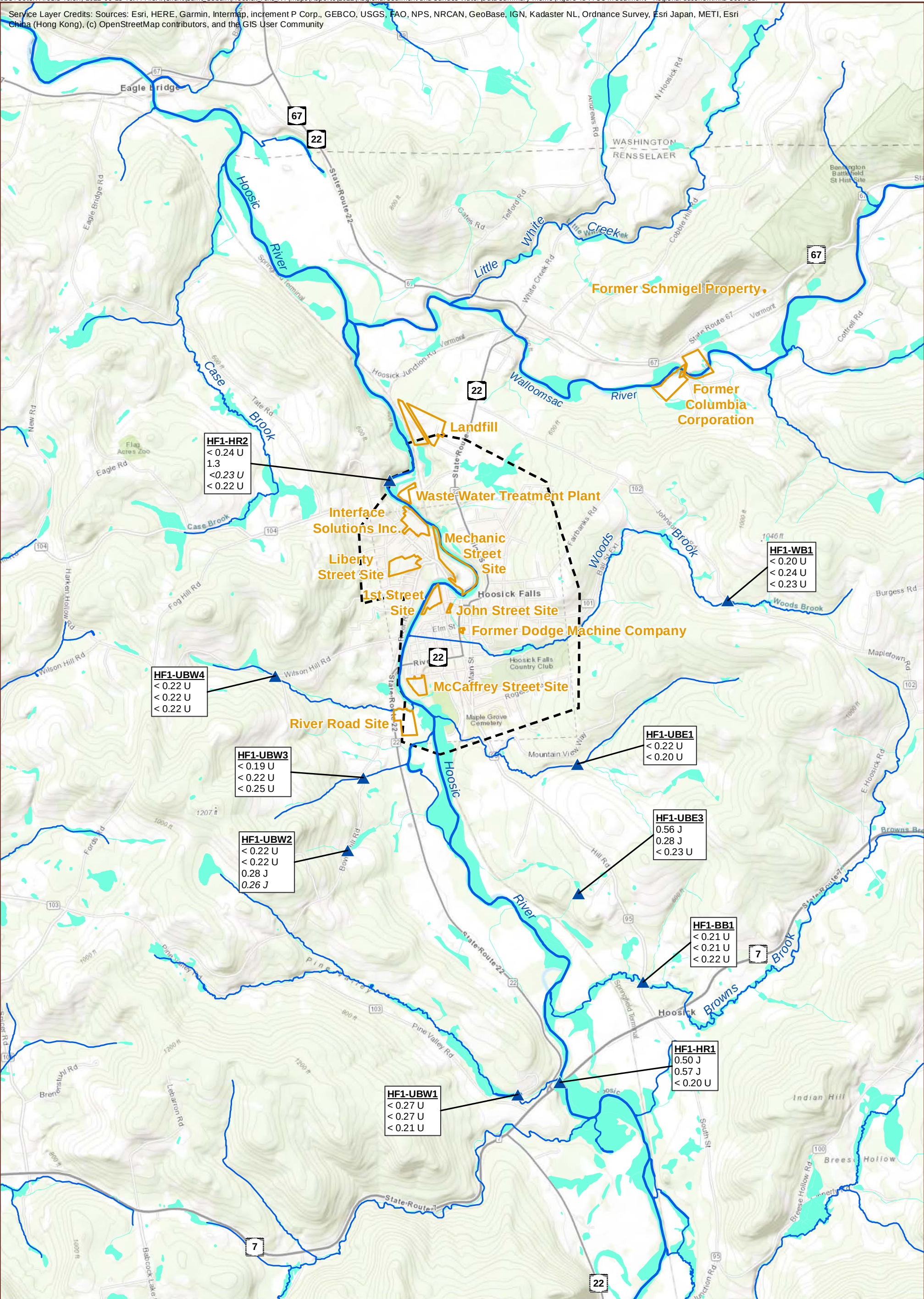


	- Regional Baseflow Sampling Location - NYSDEC Remedial Site - Current OU-01 Boundary - Wetland	All concentrations are in ng/L. Duplicate sample concentrations shown in <i>italics</i>.	FIGURE 3A PFOA IN SURFACE WATER REGIONAL BASEFLOW Regional Sediment and Surface Water Data Summary Memo Hoosick Falls, NY
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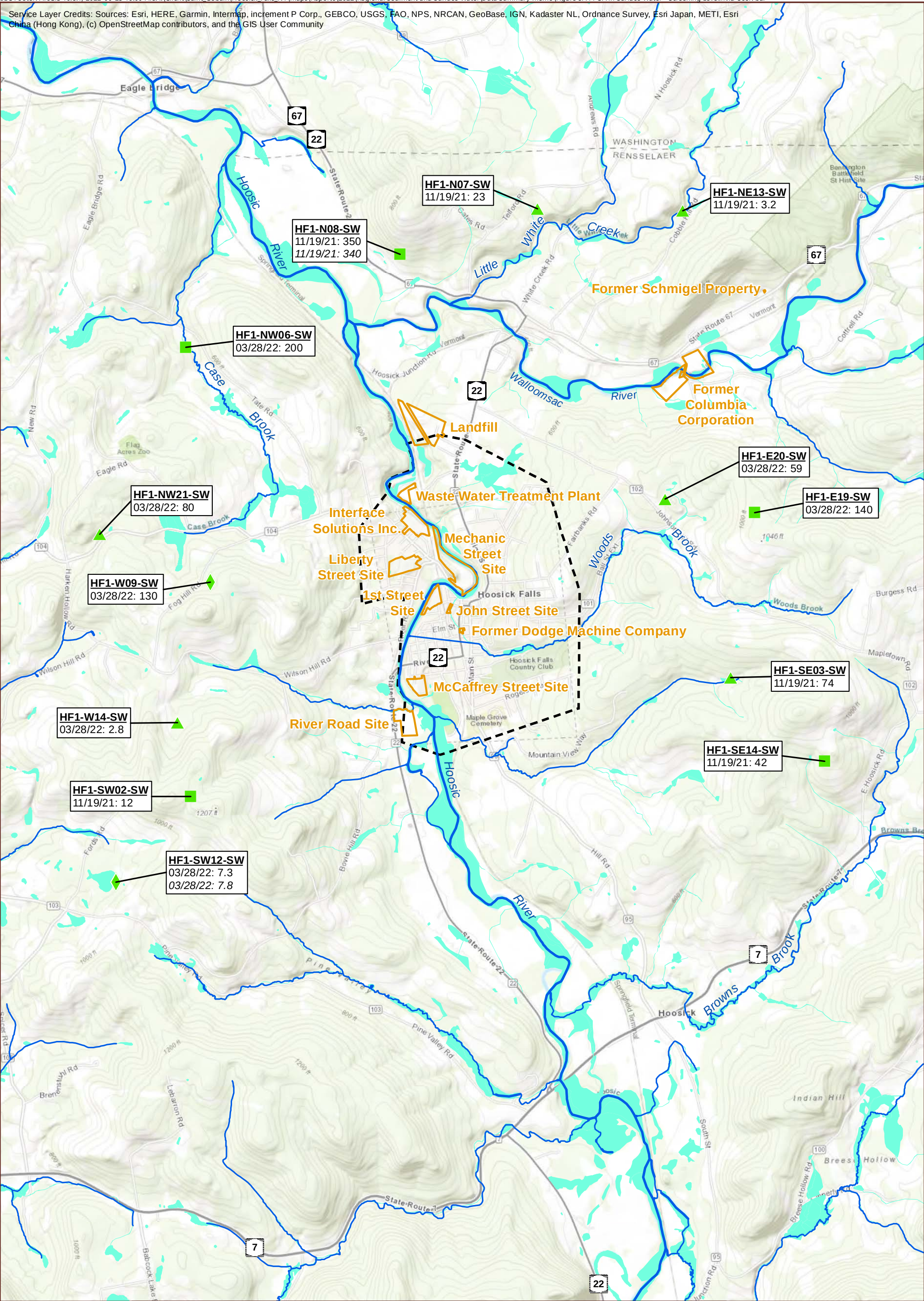


	- Regional Baseflow Sampling Location - NYSDEC Remedial Site - Current OU-01 Boundary - Wetland	All concentrations are in ng/L. J = The result is an estimated value. U = Not detected at the method detection limit (MDL) as presented. UB = Not detected substantially above the lab, equipment, field, or trip blank. Duplicate sample concentrations shown in <i>italics</i>.	FIGURE 3B PFOS IN SURFACE WATER REGIONAL BASEFLOW Regional Sediment and Surface Water Data Summary Memo Hoosick Falls, NY
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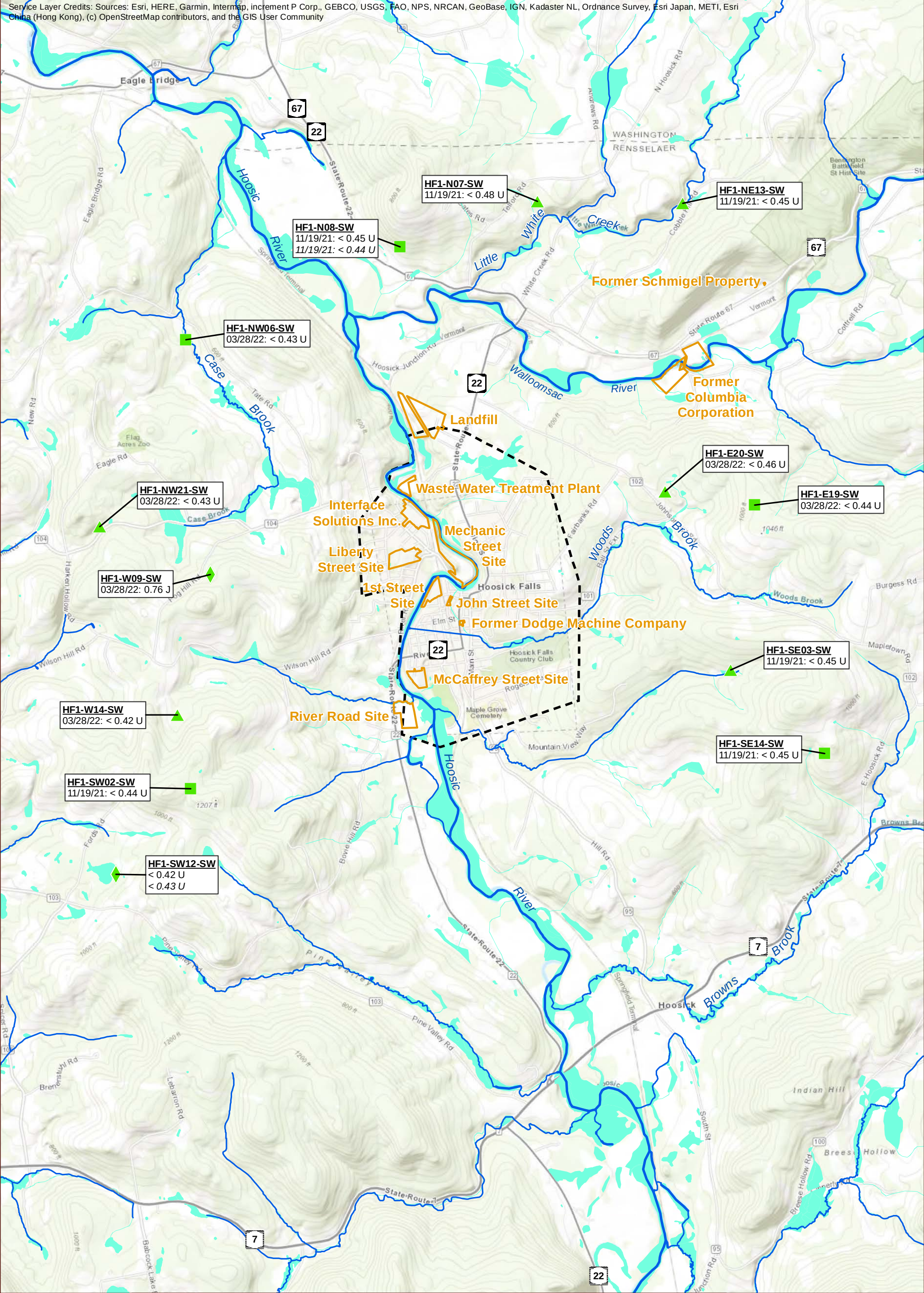




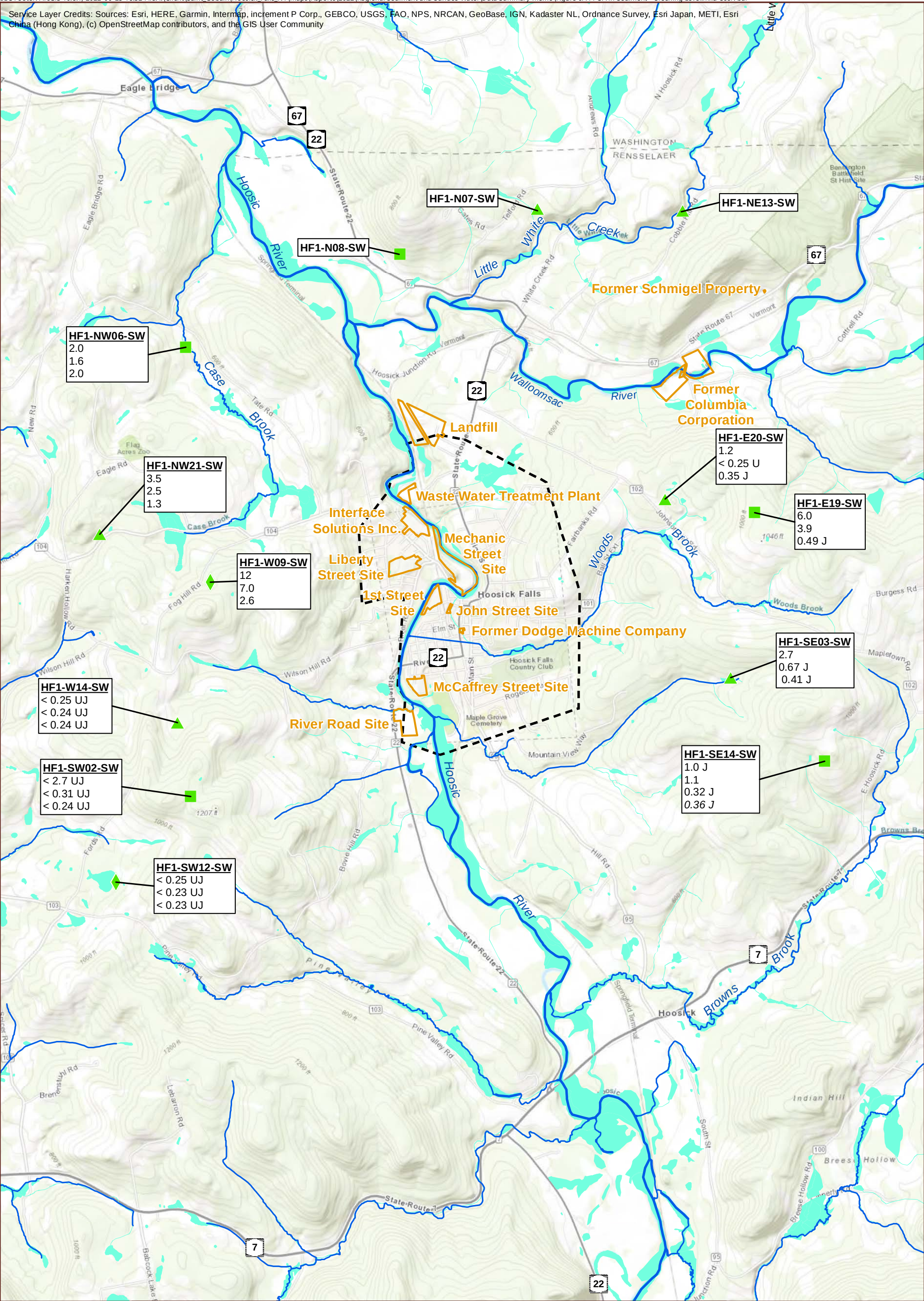
Service Layer Credits: Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

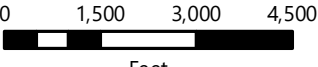


	Regional Screening-Level Location - Stream/River - Spring - Pond - NYSDEC Remedial Site - Current OU-01 Boundary - Wetland All concentrations are in ng/L. Duplicate sample concentrations shown in <i>italics</i>. 0 1,500 3,000 4,500 Feet	FIGURE 5A PFOA IN SURFACE WATER REGIONAL SCREENING-LEVEL Regional Sediment and Surface Water Data Summary Memo Hoosick Falls, NY
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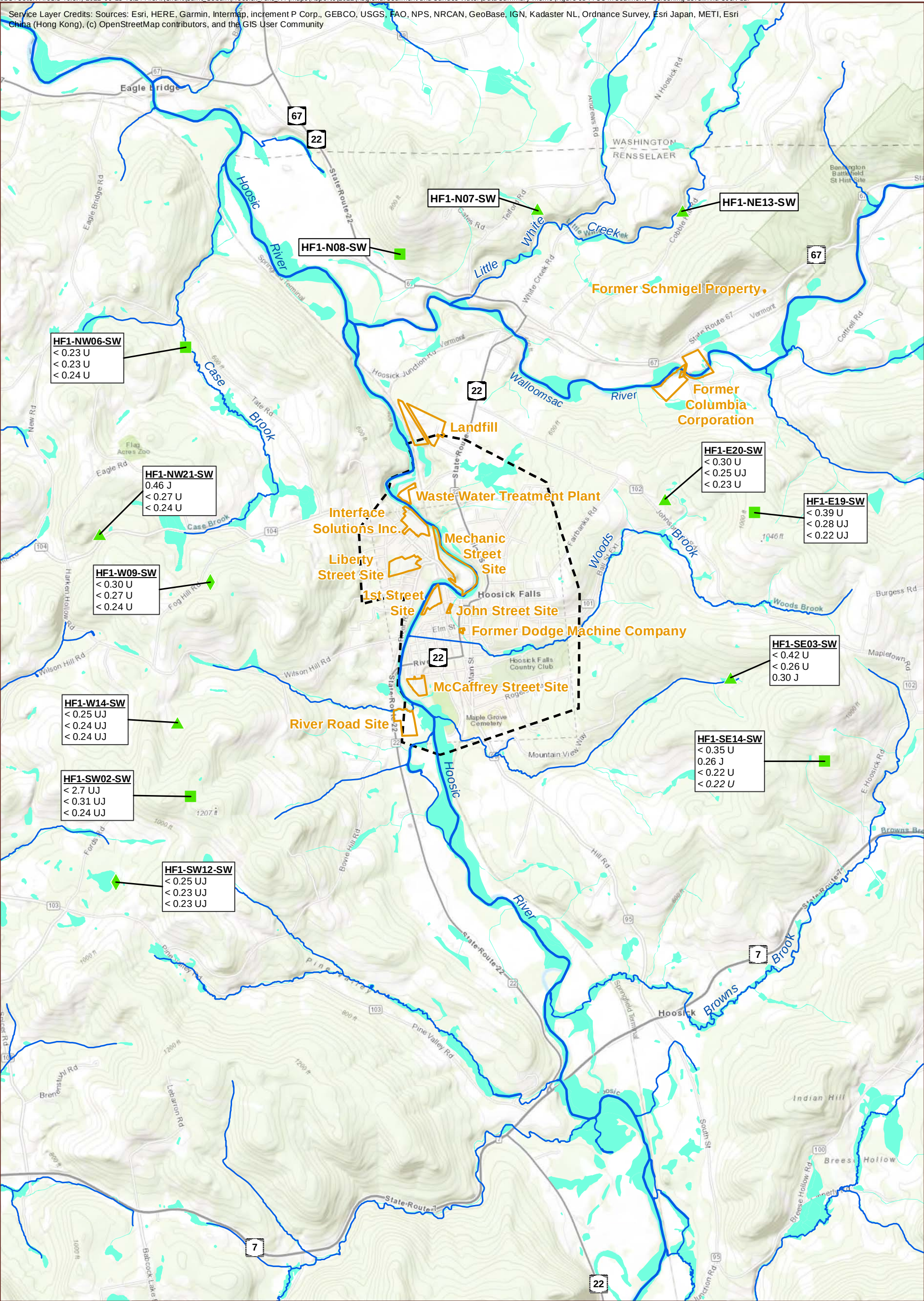


	Regional Screening-Level Location - Stream/River - Spring - Pond - NYSDEC Remedial Site - Current OU-01 Boundary - Wetland All concentrations are in ng/L. J = The result is an estimated value. U = Not detected at the method detection limit (MDL) as presented. Duplicate sample concentrations shown in <i>italics</i>.	FIGURE 5B PFOS IN SURFACE WATER REGIONAL SCREENING-LEVEL Regional Sediment and Surface Water Data Summary Memo Hoosick Falls, NY
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 Engineering and Geology, P.C.	Regional Screening-Level Location  Stream/River  Spring  Pond  NYSDEC Remedial Site  Current OU-01 Boundary  Wetland All concentrations are in ng/g.	J = The result is an estimated value. U = Not detected at the method detection limit (MDL) as presented. UJ = Analyte not detected. The reported MDL and limit of quantitation (LOQ) are approximate and may be inaccurate or imprecise. Duplicate sample concentrations shown in <i>italics</i> and are below the original sample. Results listed in order of depth (0-2 in, 2-12 in, and 12-24 in, bgs) 	FIGURE 6A PFOA IN SEDIMENT SCREENING-LEVEL Regional Sediment and Surface Water Data Summary Memo Hoosick Falls, NY
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Service Layer Credits: Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community



Regional Screening-Level Location

- Stream/River
- Spring
- Pond
- NYSDEC Remedial Site
- Current OU-01 Boundary
- Wetland

All concentrations are in ng/g.

J = The result is an estimated value.
U = Not detected at the method detection limit (MDL) as presented.
UJ = Analyte not detected. The reported MDL and limit of quantitation (LOQ) are approximate and may be inaccurate or imprecise.
Duplicate sample concentrations shown in *italics* and are below the original sample.
Results listed in order of depth (0-2 in, 2-12 in, and 12-24 in, bgs)

FIGURE 6B

PFOS IN SEDIMENT
REGIONAL SCREENING-LEVEL
Regional Sediment and Surface Water
Data Summary Memo
Hoosick Falls, NY

Appendix C-2

PFAS Concentrations in Surface Water and Sediment

Figure C1	PFOA in Surface Water
Figure C2	PFOS in Surface Water
Figure C3	PFBS in Surface Water
Figure C4	PFHxS in Surface Water
Figure C5	PFBA in Surface Water
Figure C6	PFPeA in Surface Water
Figure C7	PFHxA in Surface Water
Figure C8	PFHpA in Surface Water
Figure C9	PFNA in Surface Water
Figure C10	PFOA in Sediment
Figure C11	PFOS in Sediment

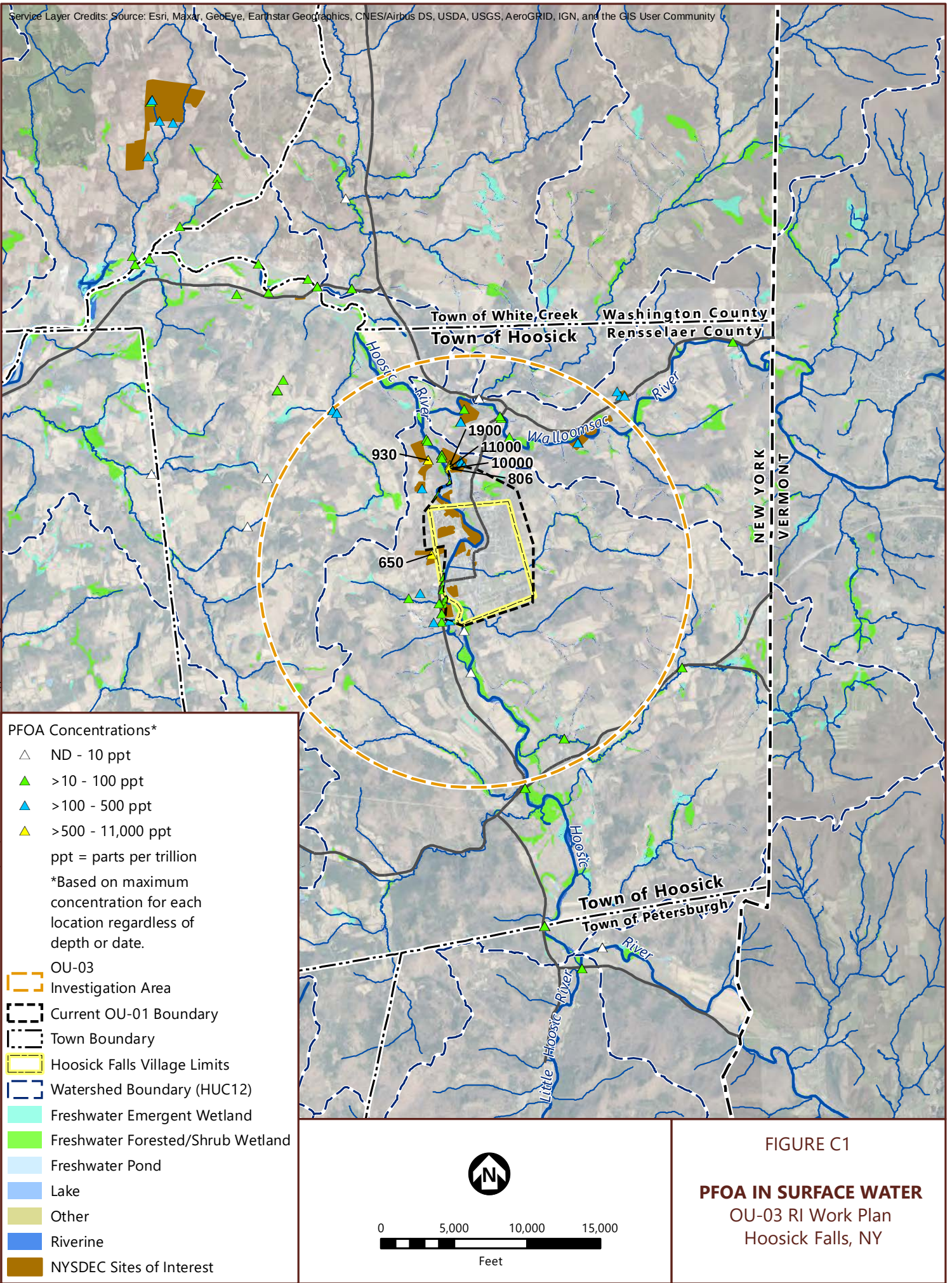


FIGURE C1

PFOA IN SURFACE WATER
OU-03 RI Work Plan
Hoosick Falls, NY

PFOS Concentrations*

- △ ND - 10 ppt
- ▲ >10 - 50 ppt
- ▲ >50 - 100 ppt
- ▲ >100 - 820 ppt

ppt = parts per thousand

*Based on maximum concentration for each location regardless of depth or date.

- OU-03 Investigation Area
- Current OU-01 Boundary
- Town Boundary
- Hoosick Falls Village Limits
- Watershed Boundary (HUC12)
- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond
- Lake
- Other
- Riverine
- NYSDEC Sites of Interest

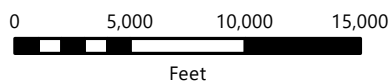
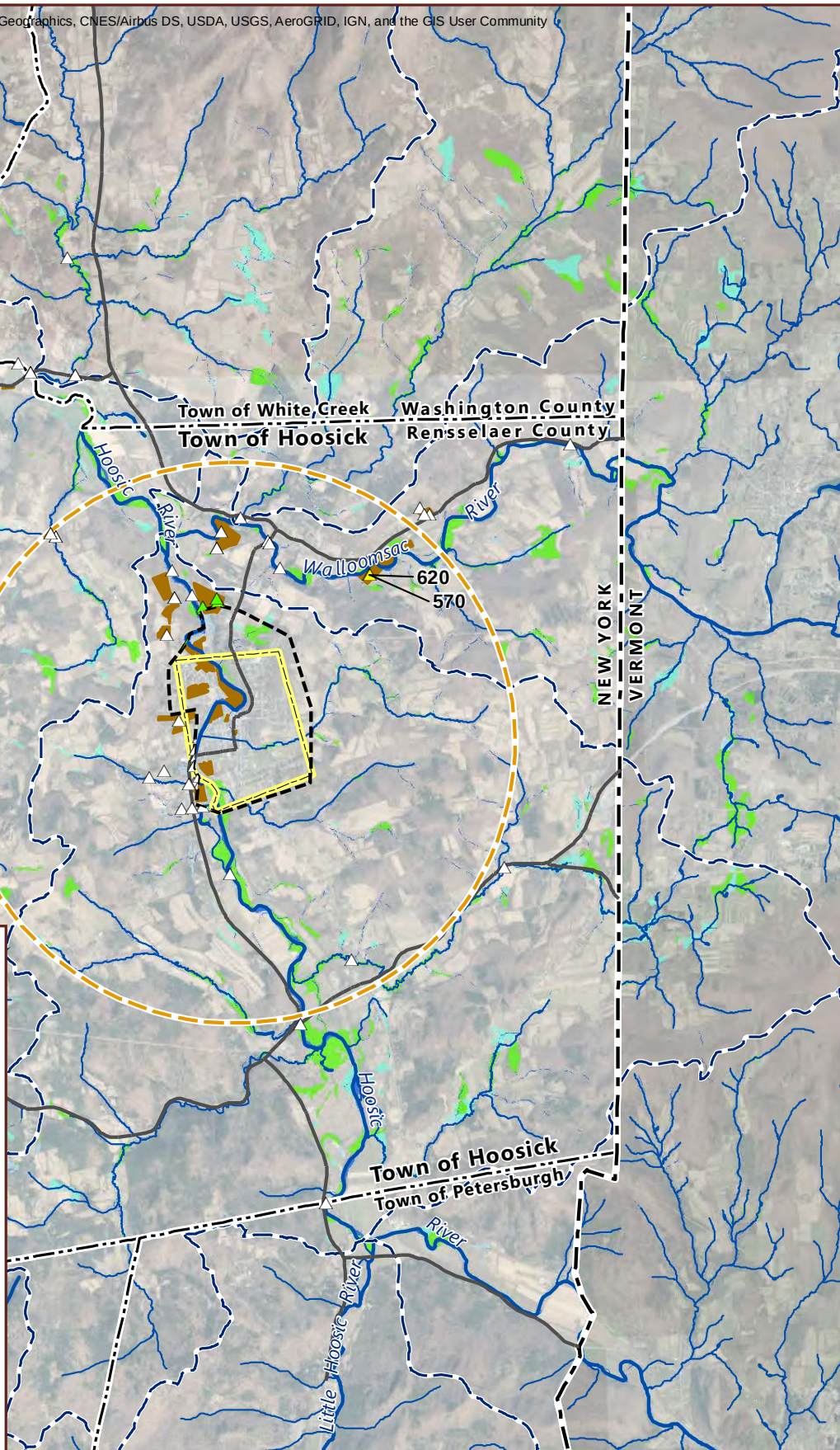


FIGURE C2

PFOS IN SURFACE WATER
OU-03 RI Work Plan
Hoosick Falls, NY

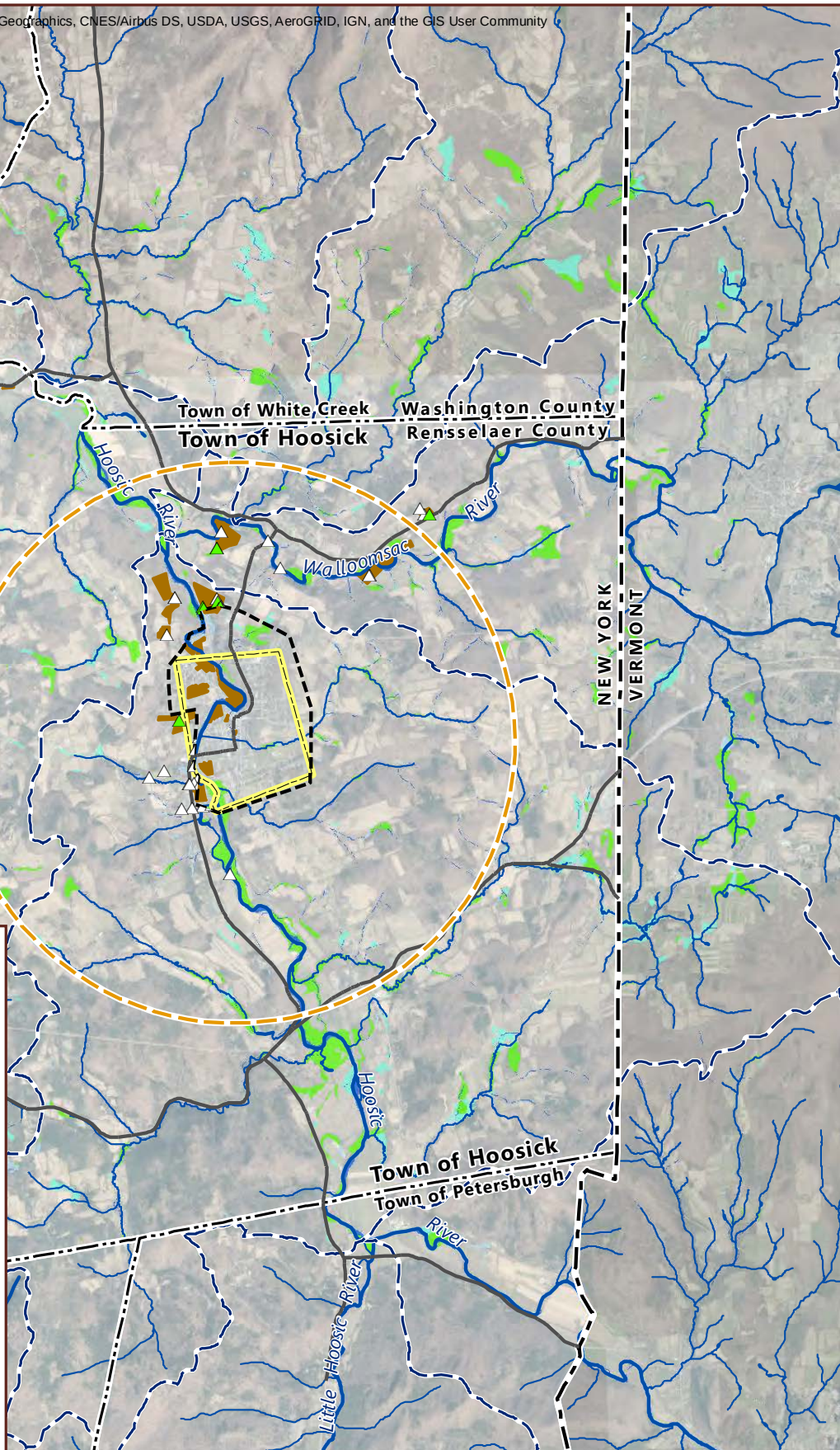
PFBS Concentrations*

- △ ND - 2.5 ppt
- ▲ >2.5 - 5 ppt
- ▲ >5 - 10 ppt
- ▲ >10 - 24 ppt

ppb = parts per billion

*Based on maximum concentration for each location regardless of depth or date.

- OU-03 Investigation Area
- Current OU-01 Boundary
- Town Boundary
- Hoosick Falls Village Limits
- Watershed Boundary (HUC12)
- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond
- Lake
- Other
- Riverine
- NYSDEC Sites of Interest



0 5,000 10,000 15,000
Feet

FIGURE C3

PFBS IN SURFACE WATER
OU-03 RI Work Plan
Hoosick Falls, NY

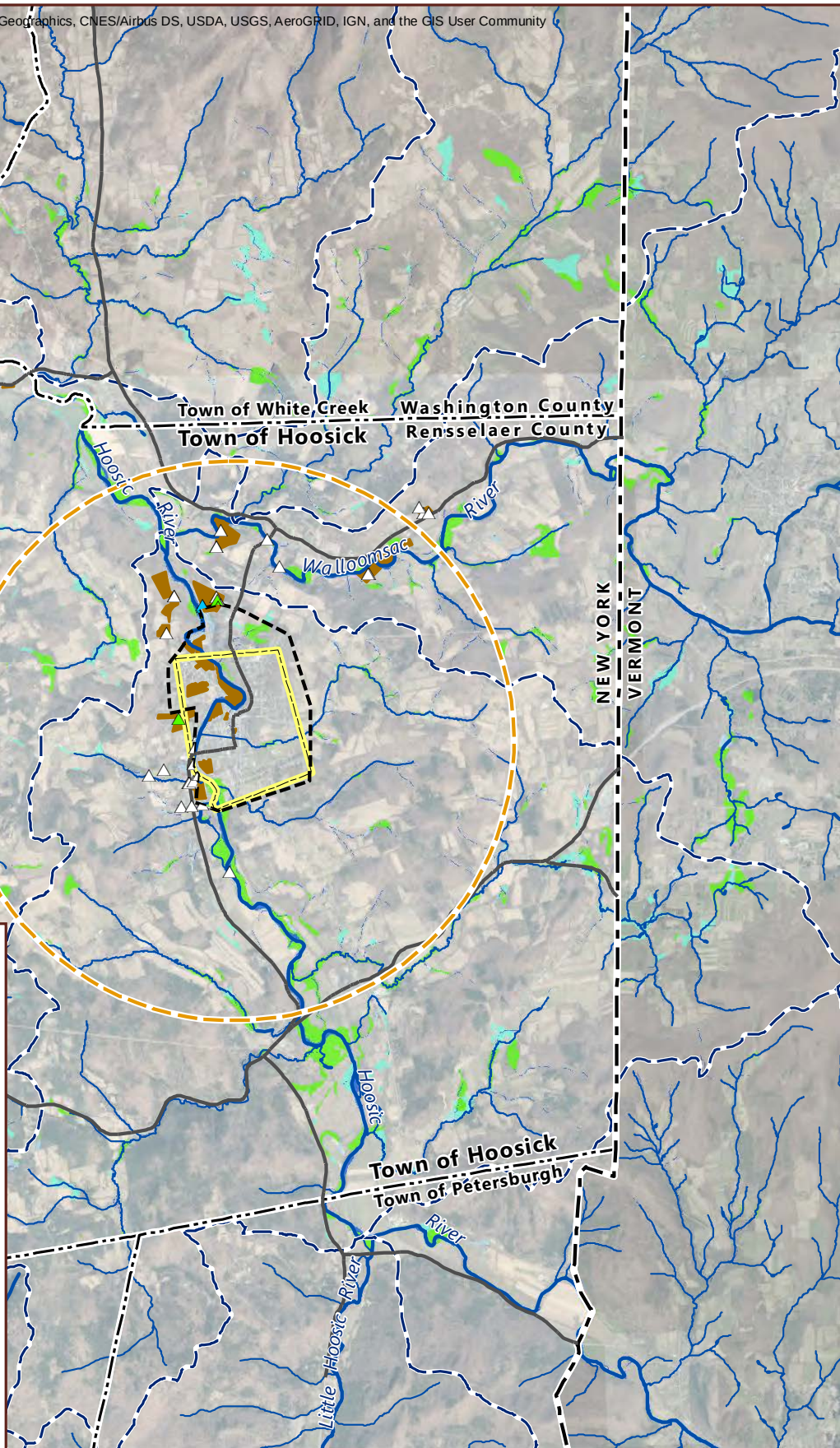
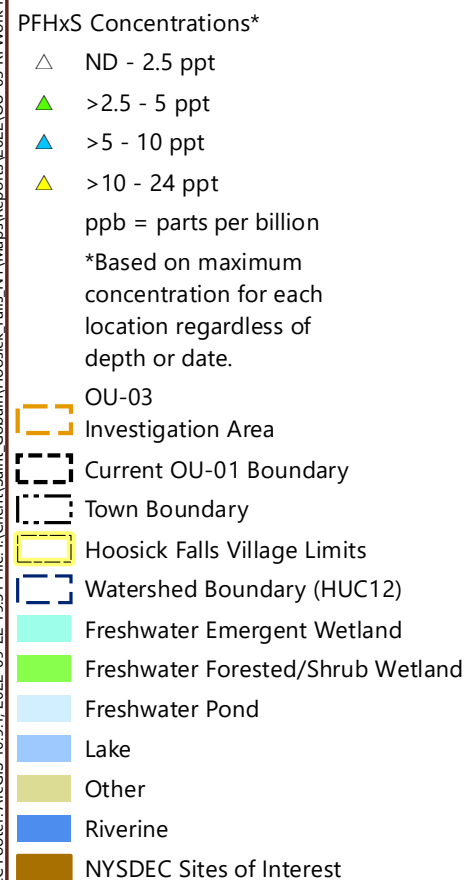
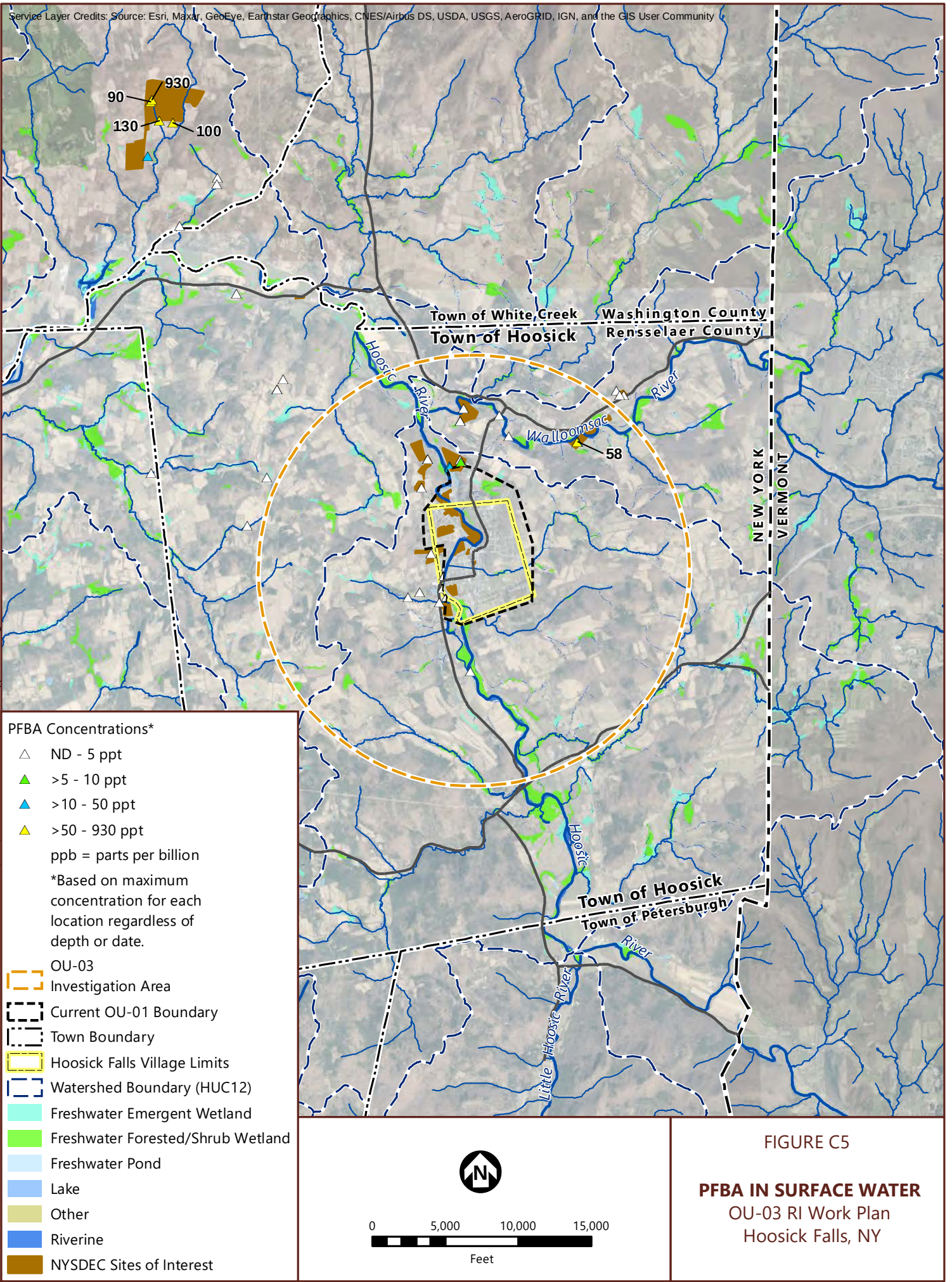


FIGURE C4

PFHxS IN SURFACE WATER
OU-03 RI Work Plan
Hoosick Falls, NY



PFPeA Concentrations*

- △ ND - 5 ppt
- ▲ >5 - 10 ppt
- ▲ >10 - 50 ppt
- ▲ >50 - 2000 ppt

ppt = parts per billion

*Based on maximum concentration for each location regardless of depth or date.

- OU-03 Investigation Area
- Current OU-01 Boundary
- Town Boundary
- Hoosick Falls Village Limits
- Watershed Boundary (HUC12)
- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond
- Lake
- Other
- Riverine
- NYSDEC Sites of Interest

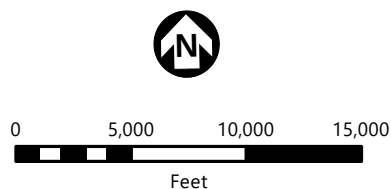
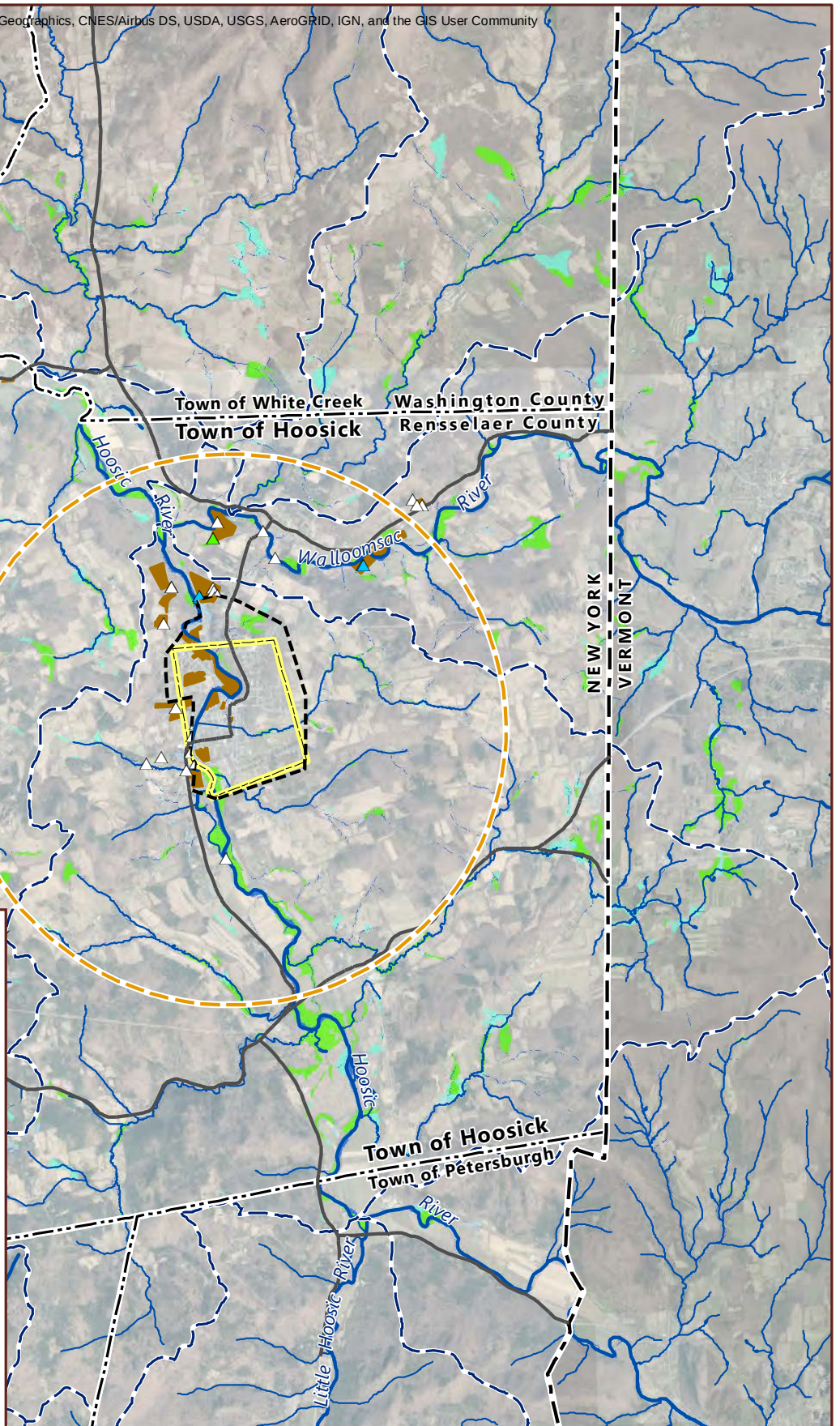
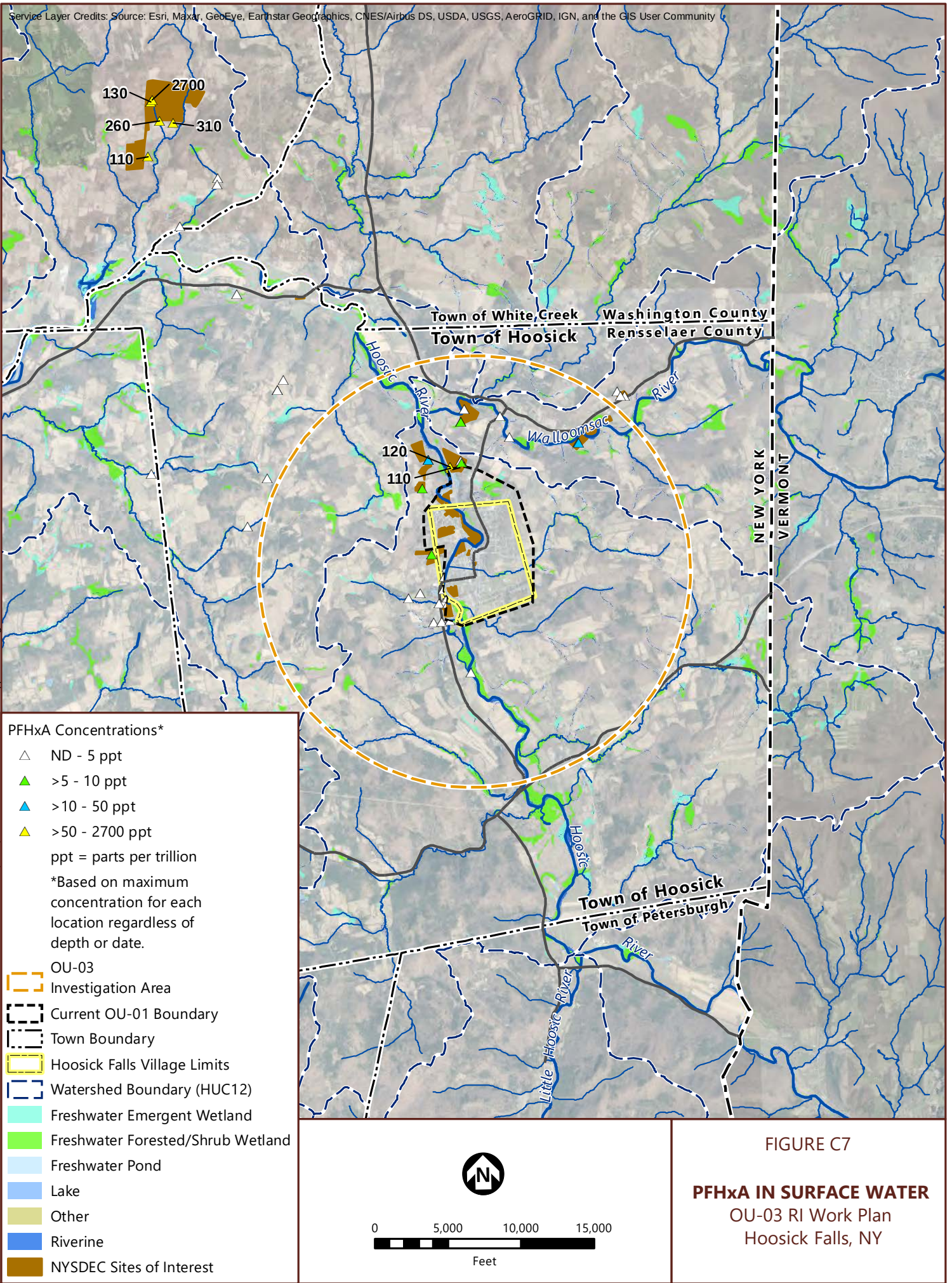


FIGURE C6

PFPeA IN SURFACE WATER

OU-03 RI Work Plan
Hoosick Falls, NY



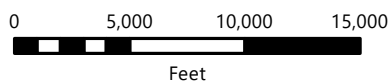
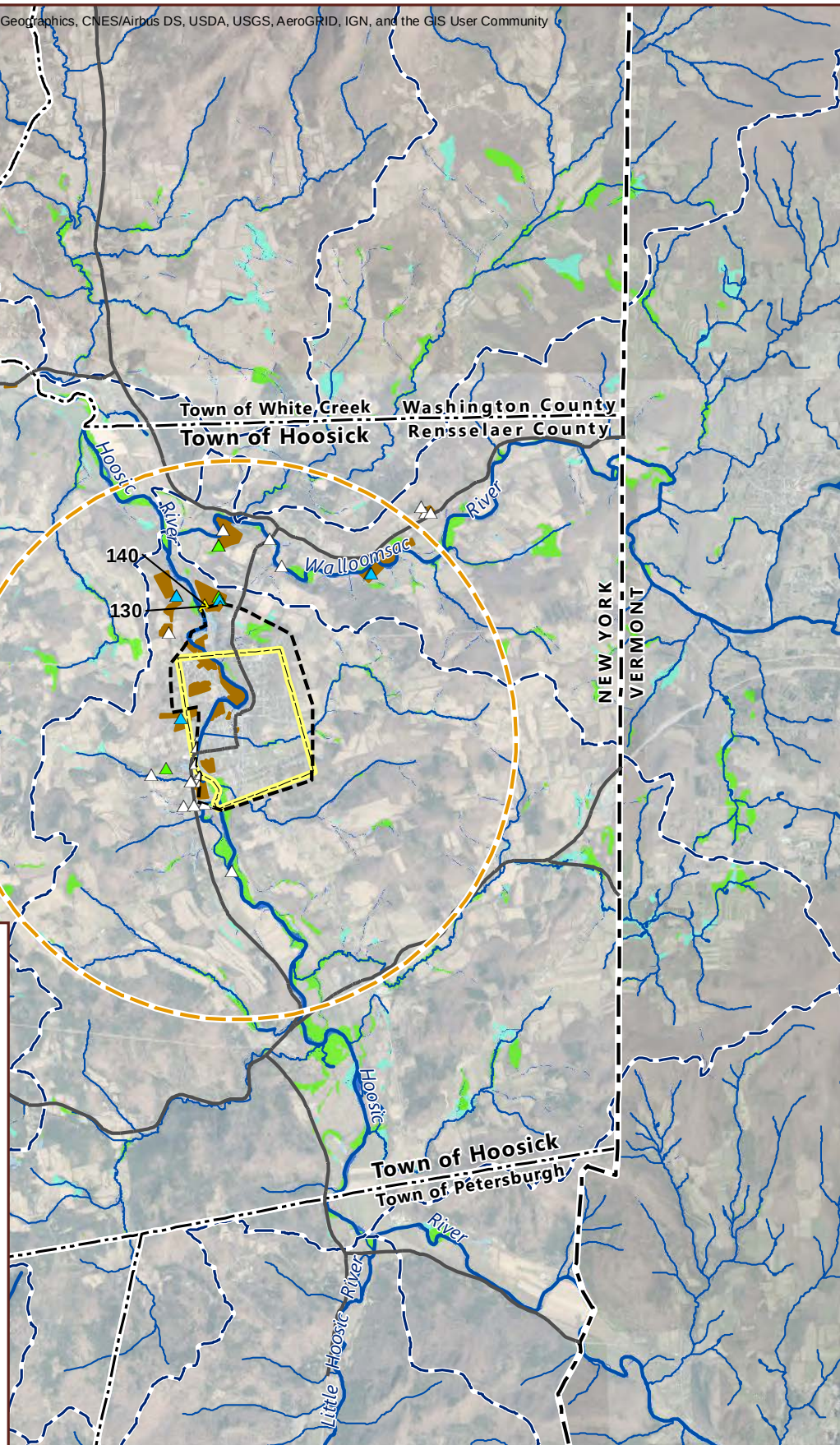
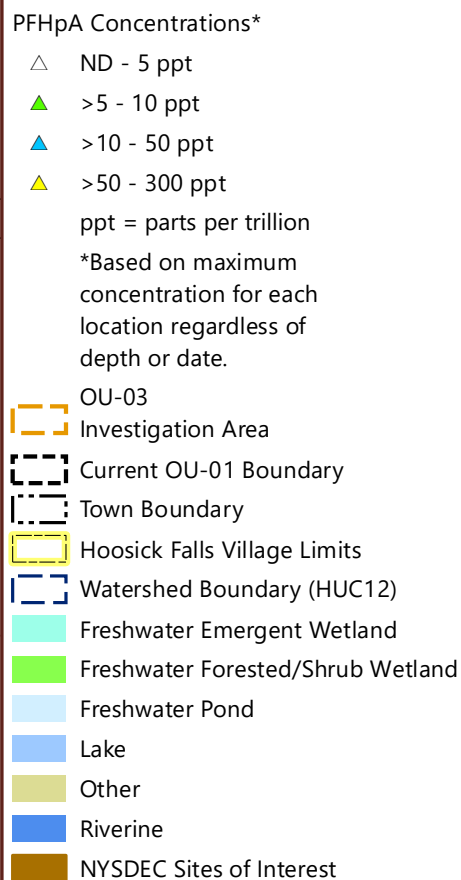


FIGURE C8

PFHpA IN SURFACE WATER
OU-03 RI Work Plan
Hoosick Falls, NY

PFNA Concentrations*

- △ ND - 5 ppt
- ▲ >5 - 1- ppt
- ▲ >10 - 46 ppt

ppt = parts per trillion

*Based on maximum concentration for each location regardless of depth or date.

- OU-03 Investigation Area
- Current OU-01 Boundary
- Town Boundary
- Hoosick Falls Village Limits
- Watershed Boundary (HUC12)
- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond
- Lake
- Other
- Riverine
- NYSDEC Sites of Interest

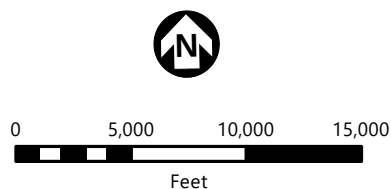
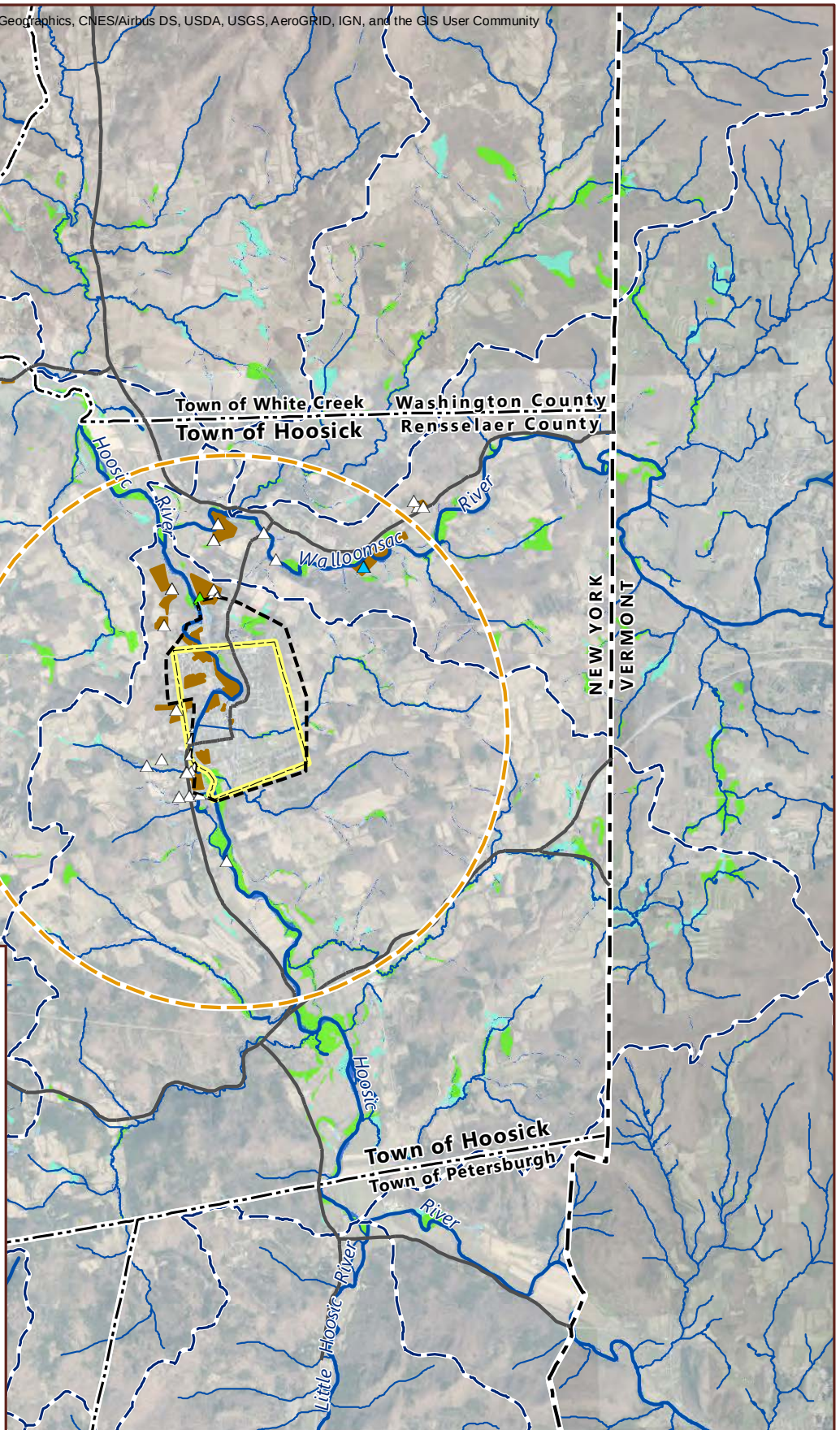


FIGURE C9

PFNA IN SURFACE WATER
OU-03 RI Work Plan
Hoosick Falls, NY

BEC Footer: ArcGIS 10.9.1, 2022-10-11, 1705 File: \\Client\Saint_Gobain\Hoosick_Falls_NY\Maps\Reports\2022\OU-03 RI Work Plan\Appendix C\Figure C10 PFOA in Sediment.mxd User: bal

PFOA Concentrations*

- ◇ ND - 2.5 ppb
- ◇ >2.5 - 10 ppb
- ◇ >10 - 25 ppb
- ◇ >25 - 39 ppb

ppt = parts per billion

*Based on maximum concentration for each location regardless of depth or date.

- OU-03 Investigation Area
- Current OU-01 Boundary
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- Hoosick Falls Village Limits
- Watershed Boundary (HUC12)
- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond
- Lake
- Other
- Riverine
- NYSDEC Sites of Interest

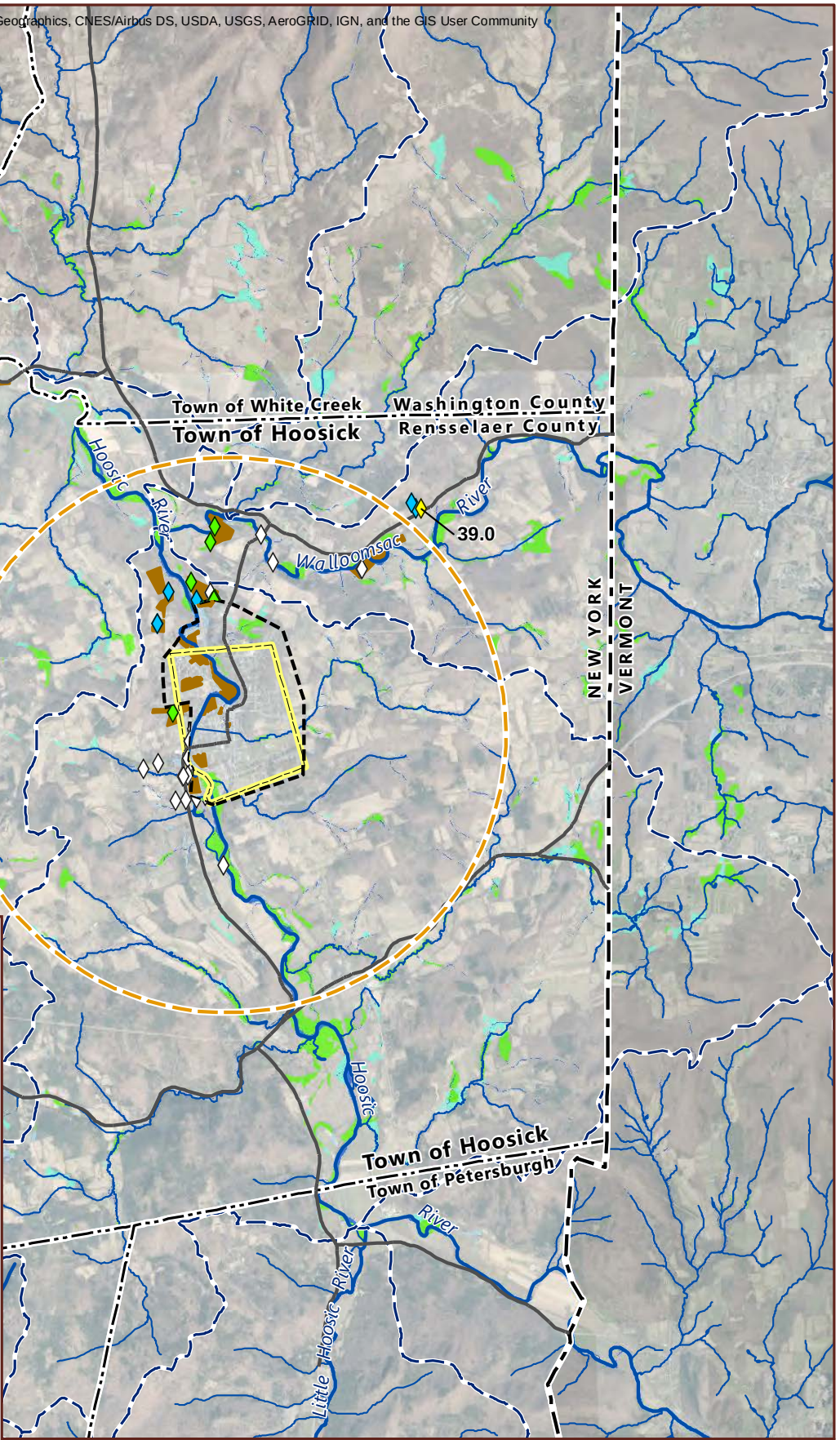


FIGURE C10

PFOA IN SEDIMENT
 OU-03 RI Work Plan
 Hoosick Falls, NY

