Appendices

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Data Summary Report (Sept. 2022)

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Figure 14 PFTriA in Surface Soils

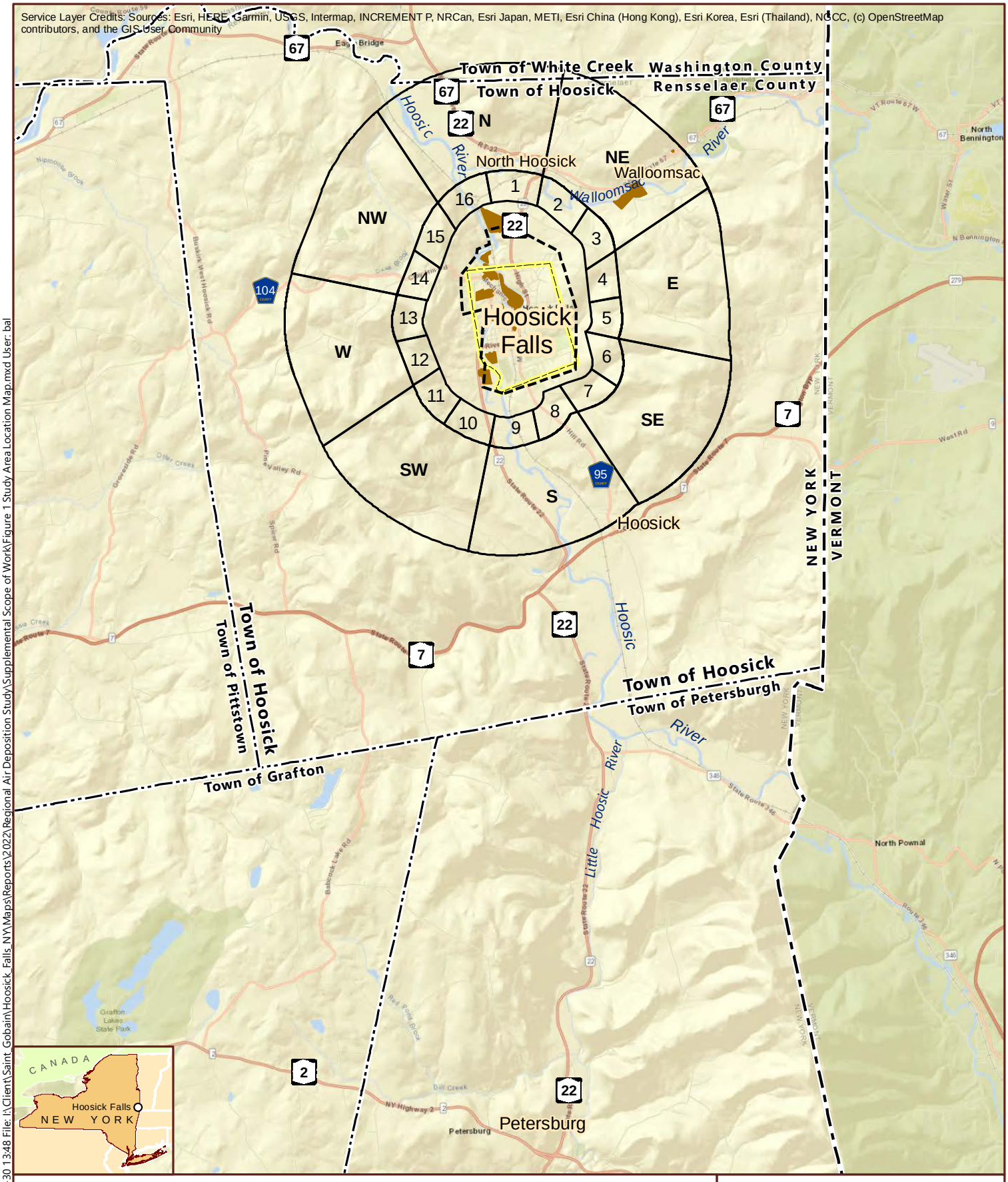
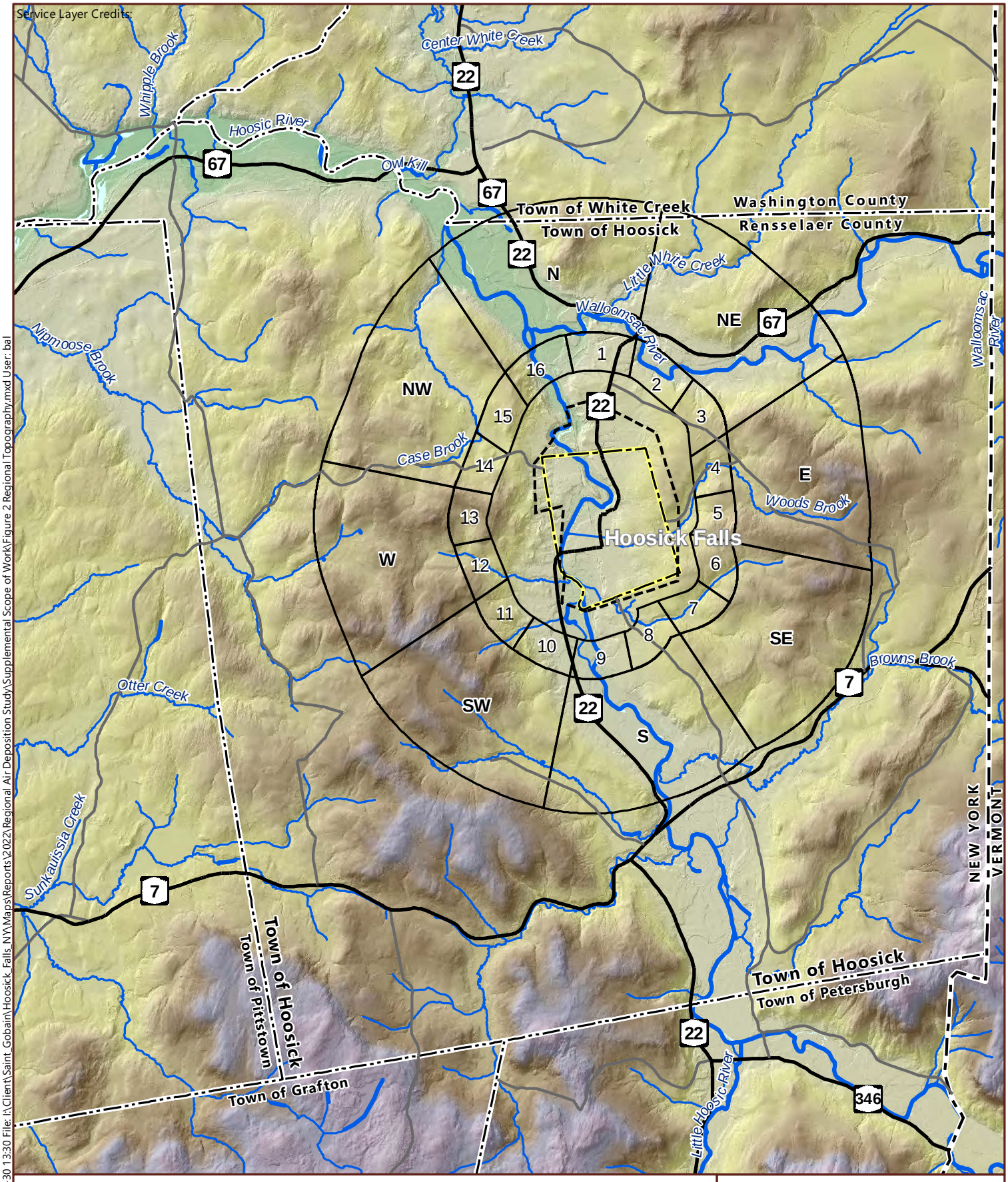


FIGURE 1

STUDY AREA LOCATION MAP

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

BEC Footer: ArcGIS 10.9.1, 2022-08-30 13:48 File: I:\Client\Saint_Gobain\Hoosick_Falls_NY\Maps\Reports\2022\Regional Air Deposition Study\Supplemental Scope of Work\Figure 1 Study Area Location Map.mxd User: bal



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

Elevations shown are in feet above mean sea level

N

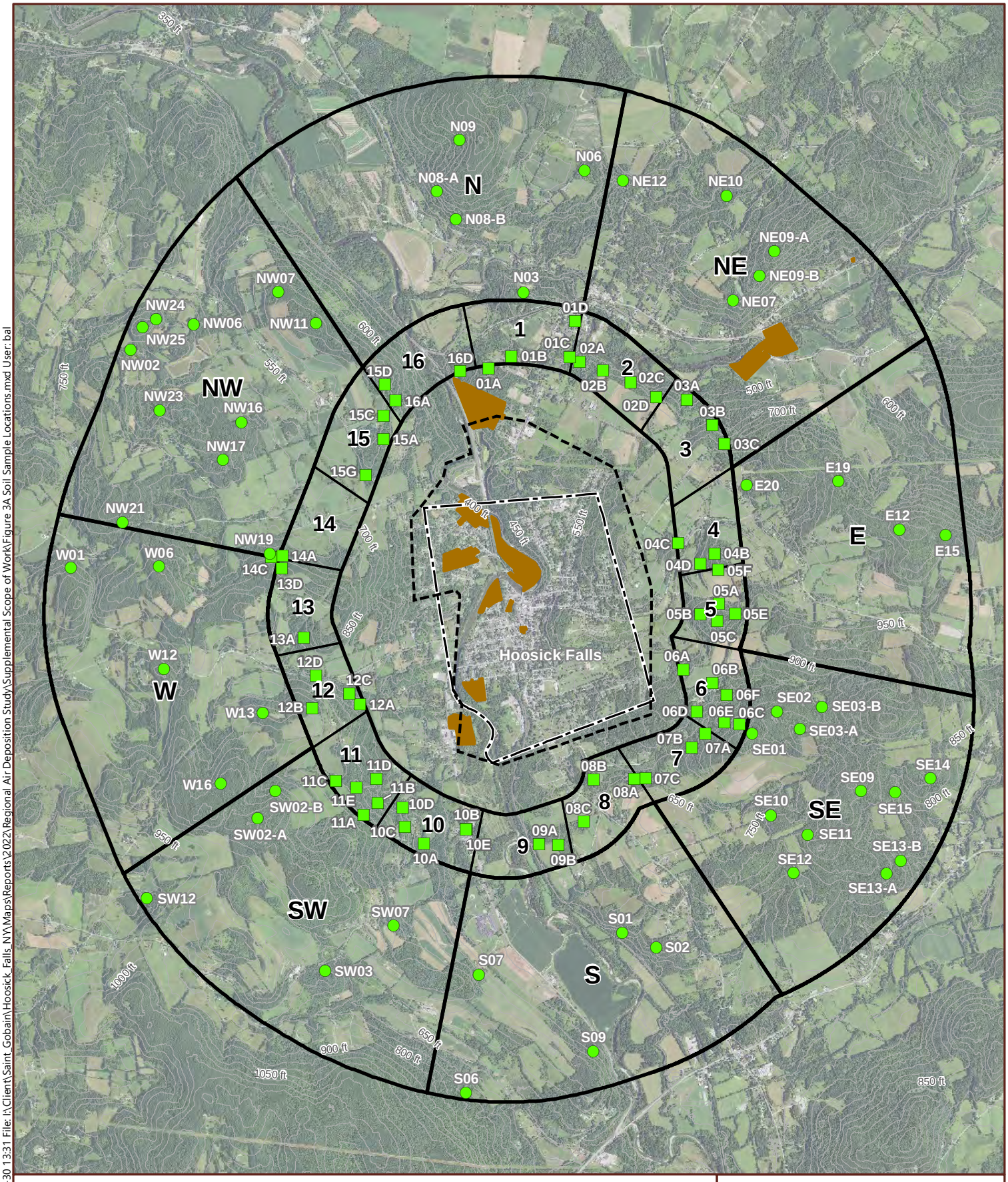
0 4,000 8,000 12,000

Feet

FIGURE 2

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

BEC Footer: ArcGIS 10.9.1, 2022-08-30 13:30 File: I:\Client\Saint_Gobain\Hoosick_Falls_NY\Maps\Reports\2022\Regional Air Deposition Study\Supplemental Scope of Work\Figure 2 Regional Topography.mxd User: bal



First Scope Locations

Supplemental Scope Locations

Soil Sampling Sector Boundary

Current OU-01 Boundary

Sites of Interest

Hoosick Falls Village Limits

N

0 2,000 4,000 6,000

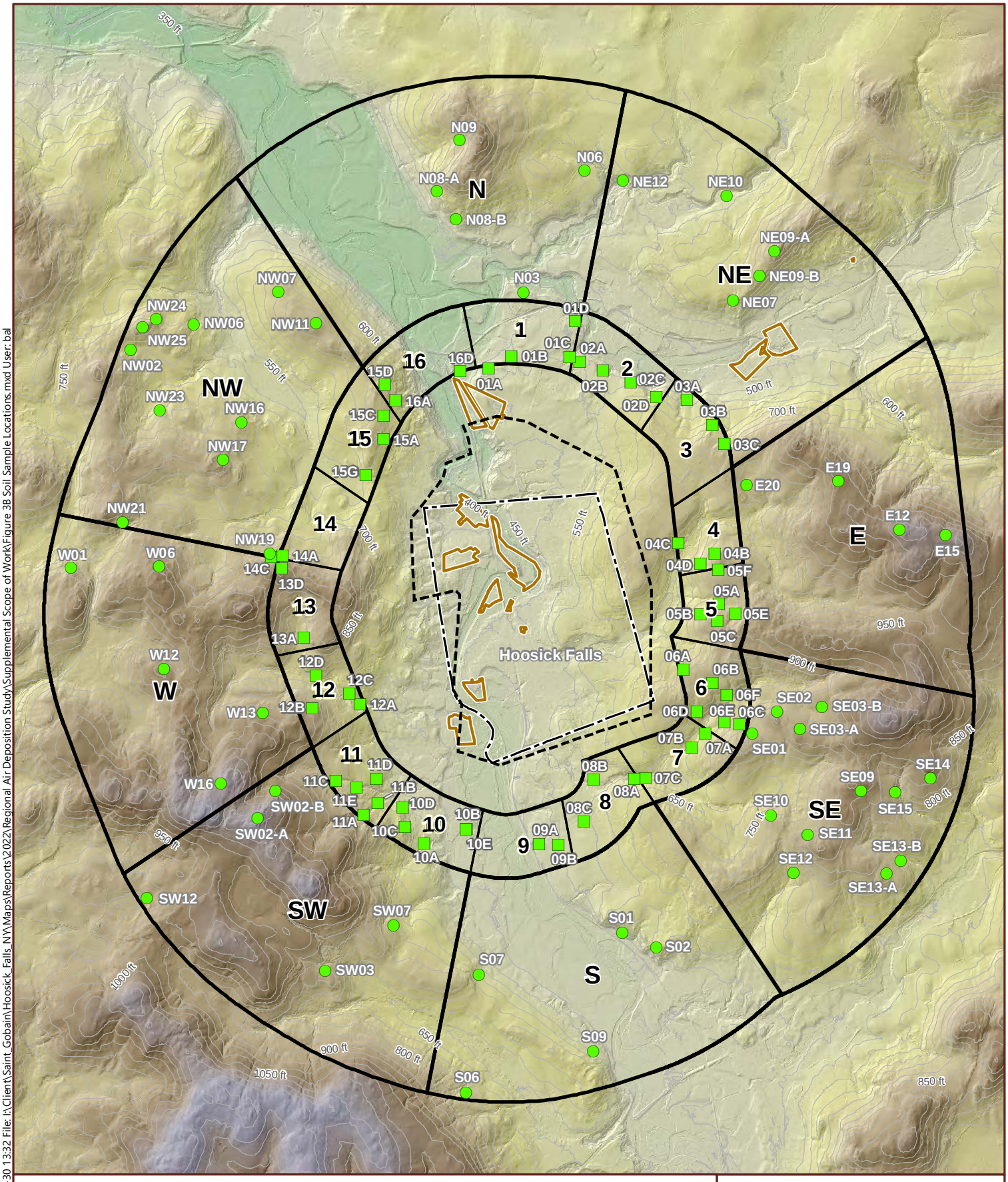
Feet

FIGURE 3A

SOIL SAMPLE LOCATIONS

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

BEC Footer: ArcGIS 10.9.1, 2022-08-30 13:31 File: I:\Client\Saint_Gobain\Hoosick_Falls_NY\Maps\Reports\2022\Regional Air Deposition Study\Supplemental Scope of Work\Figure 3A Soil Sample Locations.mxd User: bal



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

N

0 2,000 4,000 6,000
Feet

FIGURE 3B

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

BEC Footer: ArcGIS 10.9.1, 2022-08-30 13:32 File: I:\Client\Saint_Gobain\Hoosick_Falls_NY\Maps\Reports\2022\Regional Air Deposition Study\Supplemental Scope of Work\Figure 3B Soil Sample Locations.mxd User: bal

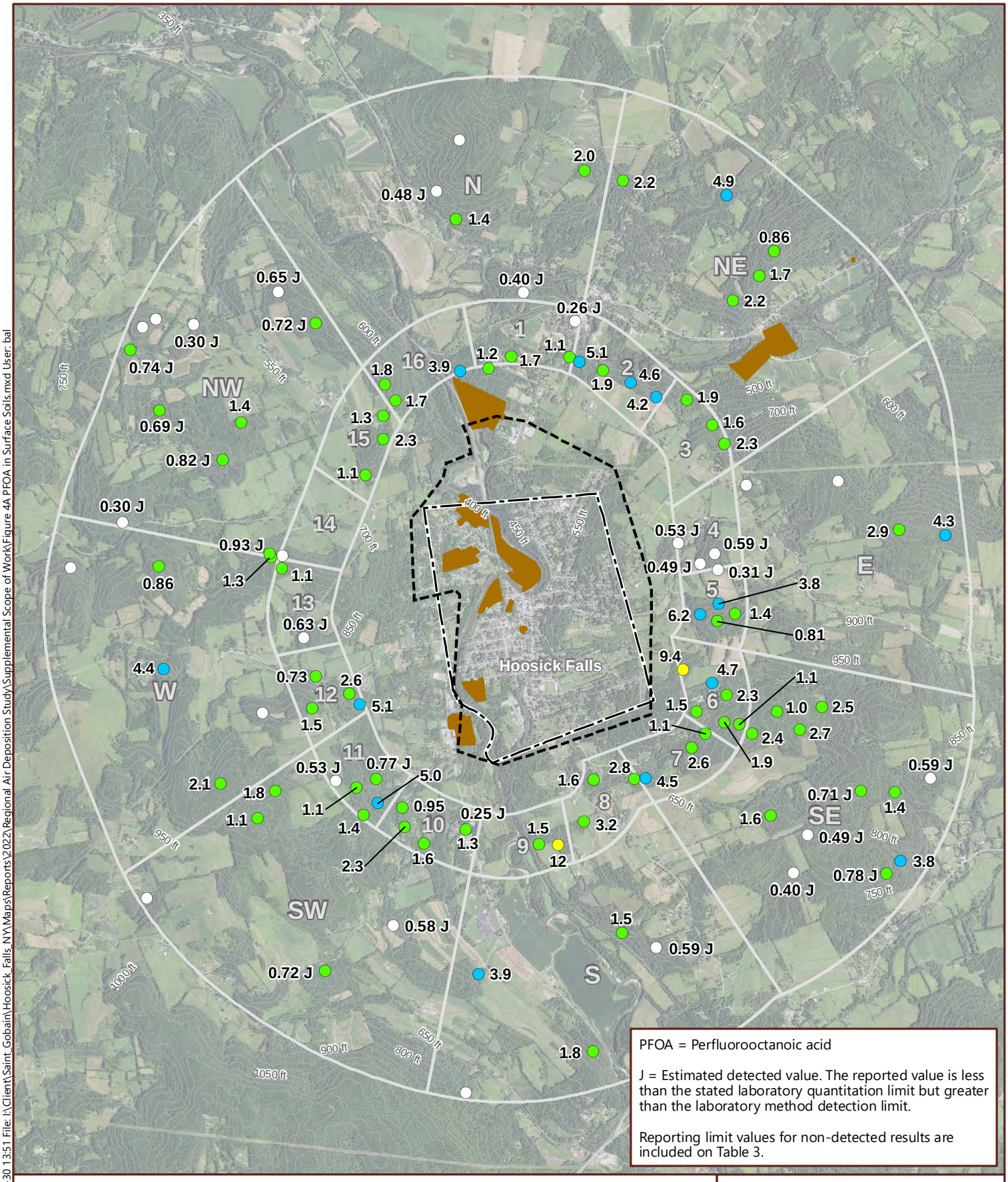
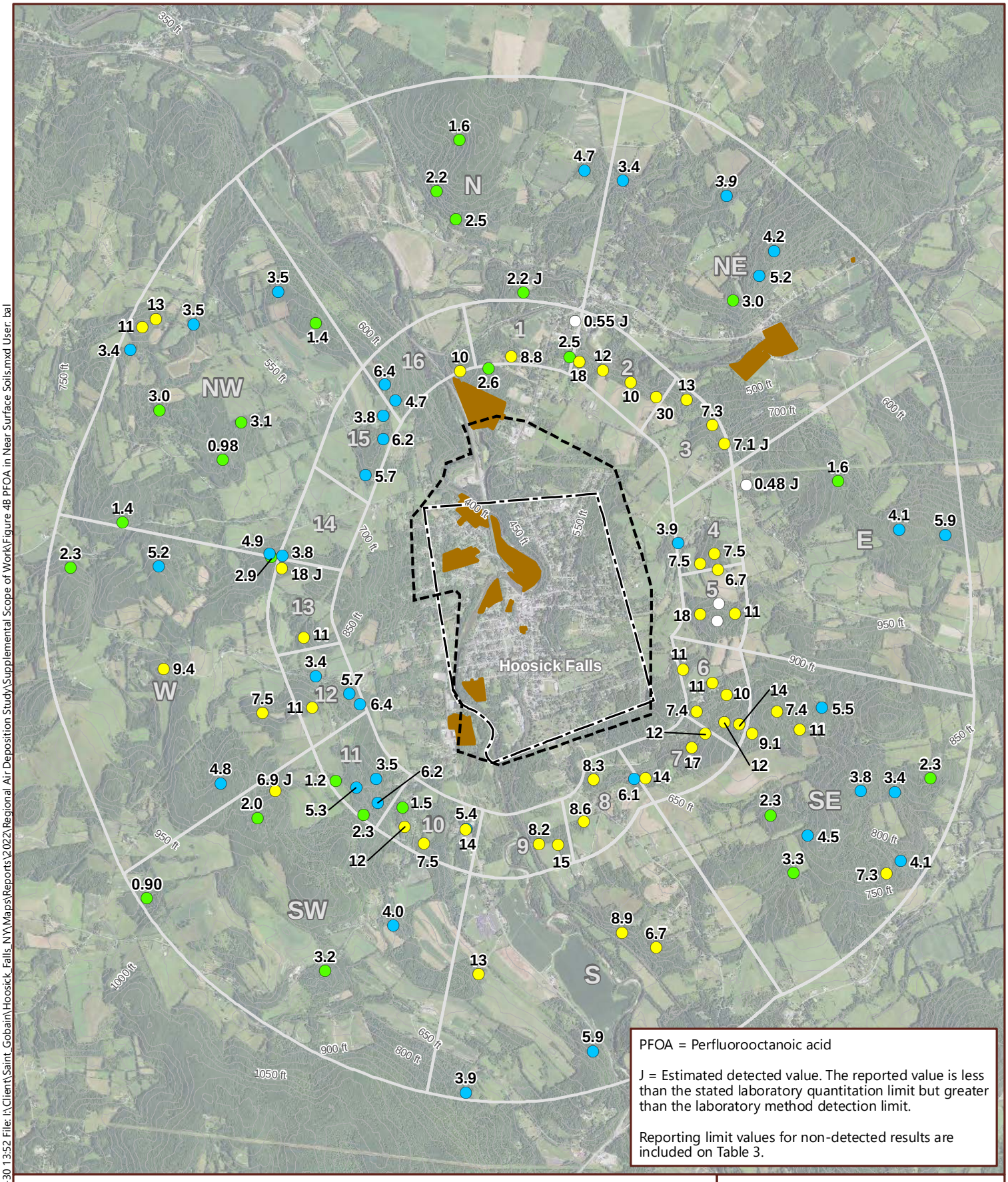


FIGURE 4A

PFOA IN SURFACE SOILS

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

BEC Footer: ArcGIS 10.9.1, 2022-08-30 13:51 File: I:\Client\Saint_Gobain\Hoosick_Falls_NY\Maps\Reports\2022\Regional Air Deposition Study\Supplemental Scope of Work\Figure 4A PFOA in Surface Soils.mxd User: bal



PFOA = Perfluorooctanoic 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.

PFOA Concentrations

- 0 - 0.66
- >0.66 - 3.3
- >3.3 - 6.6
- >6.6 - 30

"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

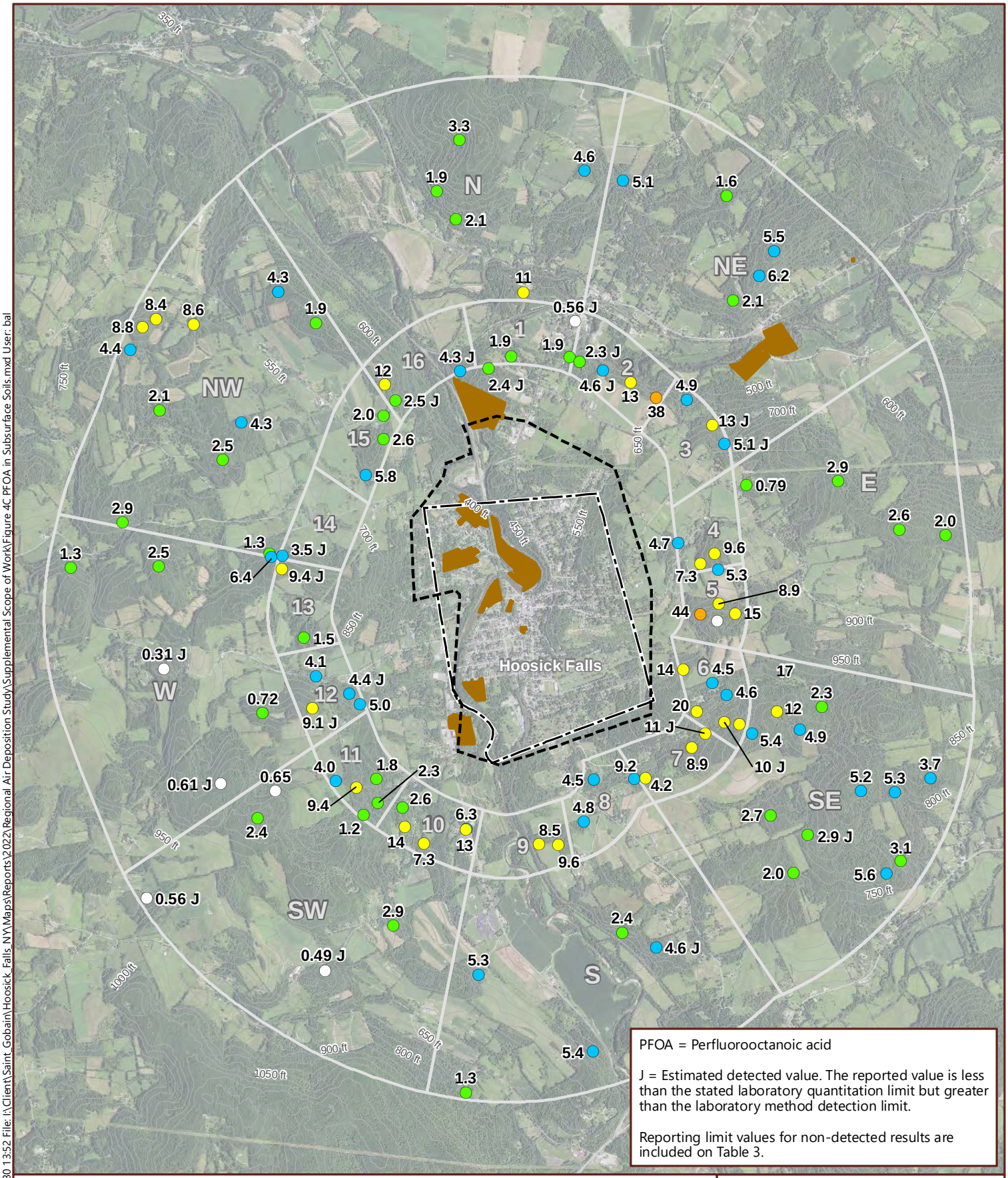
Feet

FIGURE 4B

PFOA IN NEAR SURFACE SOILS

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

BEC Footer: ArcGIS 10.9.1, 2022-08-30 13:52 File: I:\Client\Saint_Gobain\Hoosick_Falls_NY\Maps\Reports\2022\Regional Air Deposition Study\Supplemental Scope of Work\Figure 4B PFOA in Near Surface Soils.mxd User: bal



PFOA = Perfluorooctanoic 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.

PFOA Concentrations

- 0 - 0.66
- >0.66 - 3.3
- >3.3 - 6.6
- >6.6 - 33
- >33 - 44

"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

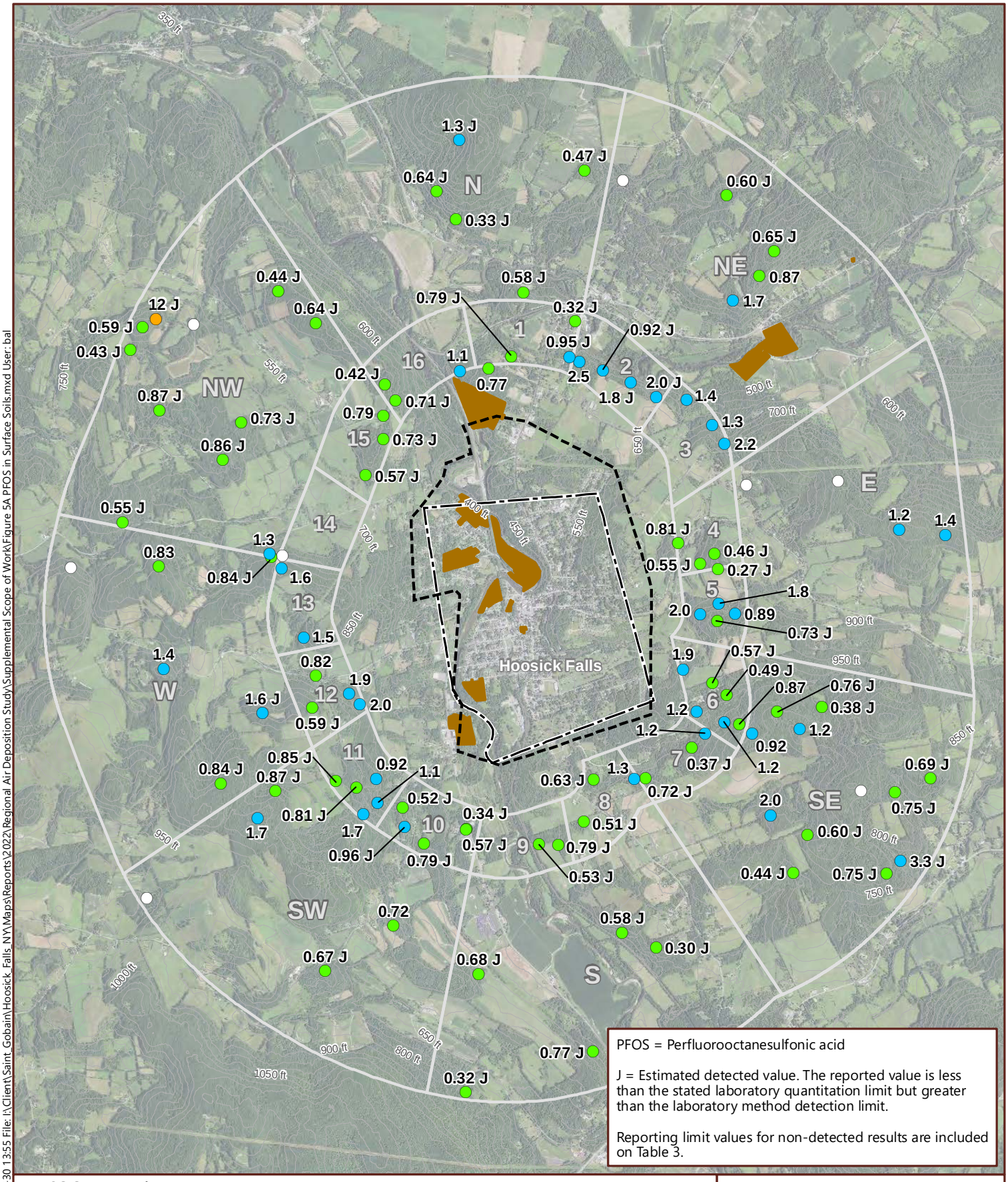
Feet

FIGURE 4C

PFOA IN SUBSURFACE SOILS

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

BEC Footer: ArcGIS 10.9.1, 2022-08-30 13:52 File: I:\Client\Saint_Gobain\Hoosick_Falls_NY\Maps\Reports\2022\Regional Air Deposition Study\Supplemental Scope of Work\Figure 4C PFOA in Subsurface Soils.mxd User: bal



PFOS = Perfluorooctanesulfonic 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.

PFOS Concentrations

- ND
- 0 - 0.88
- > 0.88 - 4.4
- > 4.4 - 8.8
- > 8.8 - 12

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

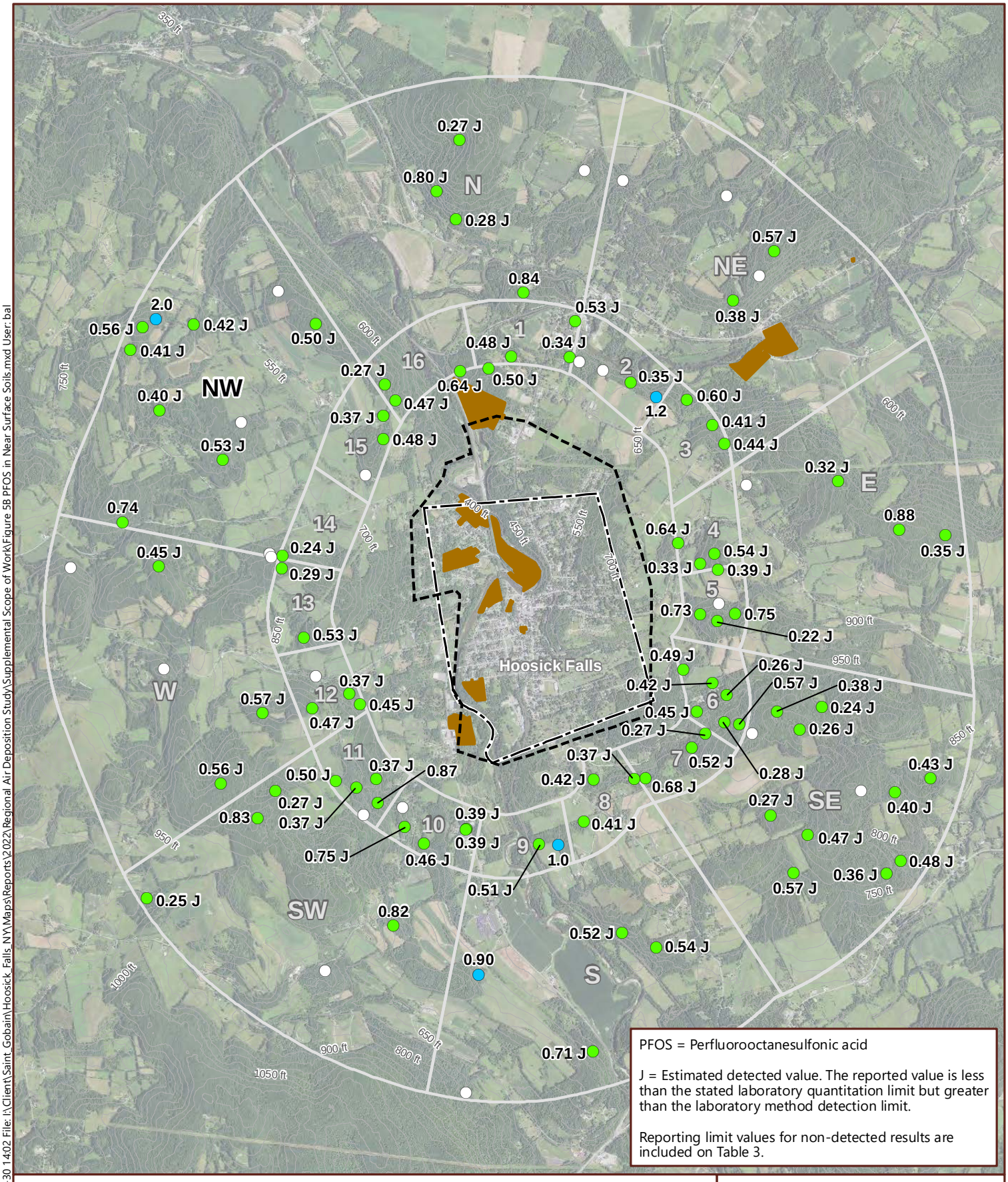
Feet

FIGURE 5A

PFOS IN SURFACE SOILS

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

BEC Footer: ArcGIS 10.9.1, 2022-08-30 13:55 File: I:\Client\Saint_Gobain\Hoosick_Falls_NY\Maps\Reports\2022\Regional Air Deposition Study\Supplemental Scope of Work\Figure 5A PFOS in Surface Soils.mxd User: bal



PFOS = Perfluorooctanesulfonic 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.

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

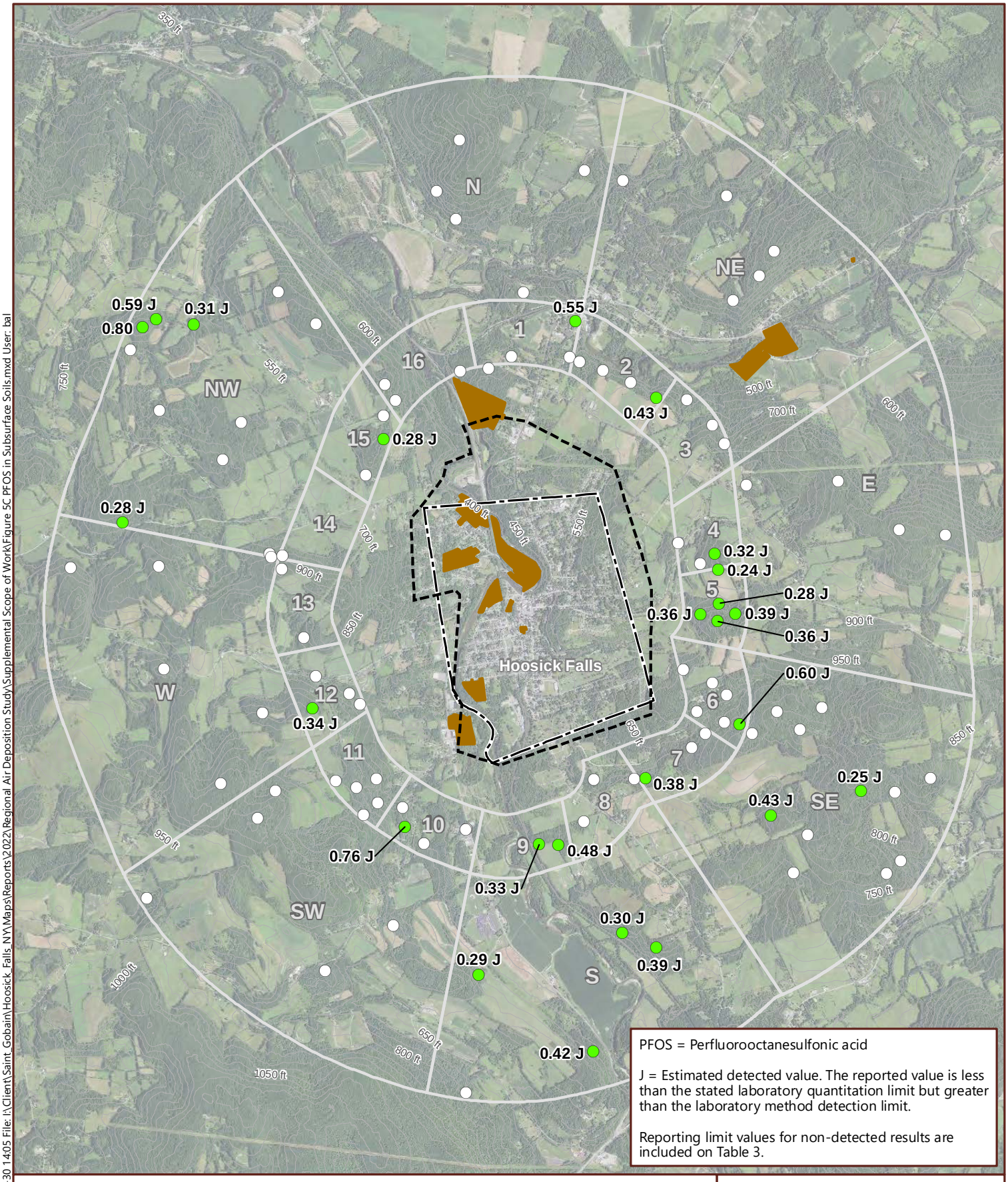
0 2,000 4,000 6,000
Feet

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

BEC Footer: ArcGIS 10.9.1, 2022-08-30 14:02 File: I:\Client\Saint_Gobain\Hoosick_Falls_NY\Maps\Reports\2022\Regional Air Deposition Study\Supplemental Scope of Work\Figure 5B PFOS in Near Surface Soils.mxd User: bal



PFOS = Perfluorooctanesulfonic 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.

PFOS Concentrations

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

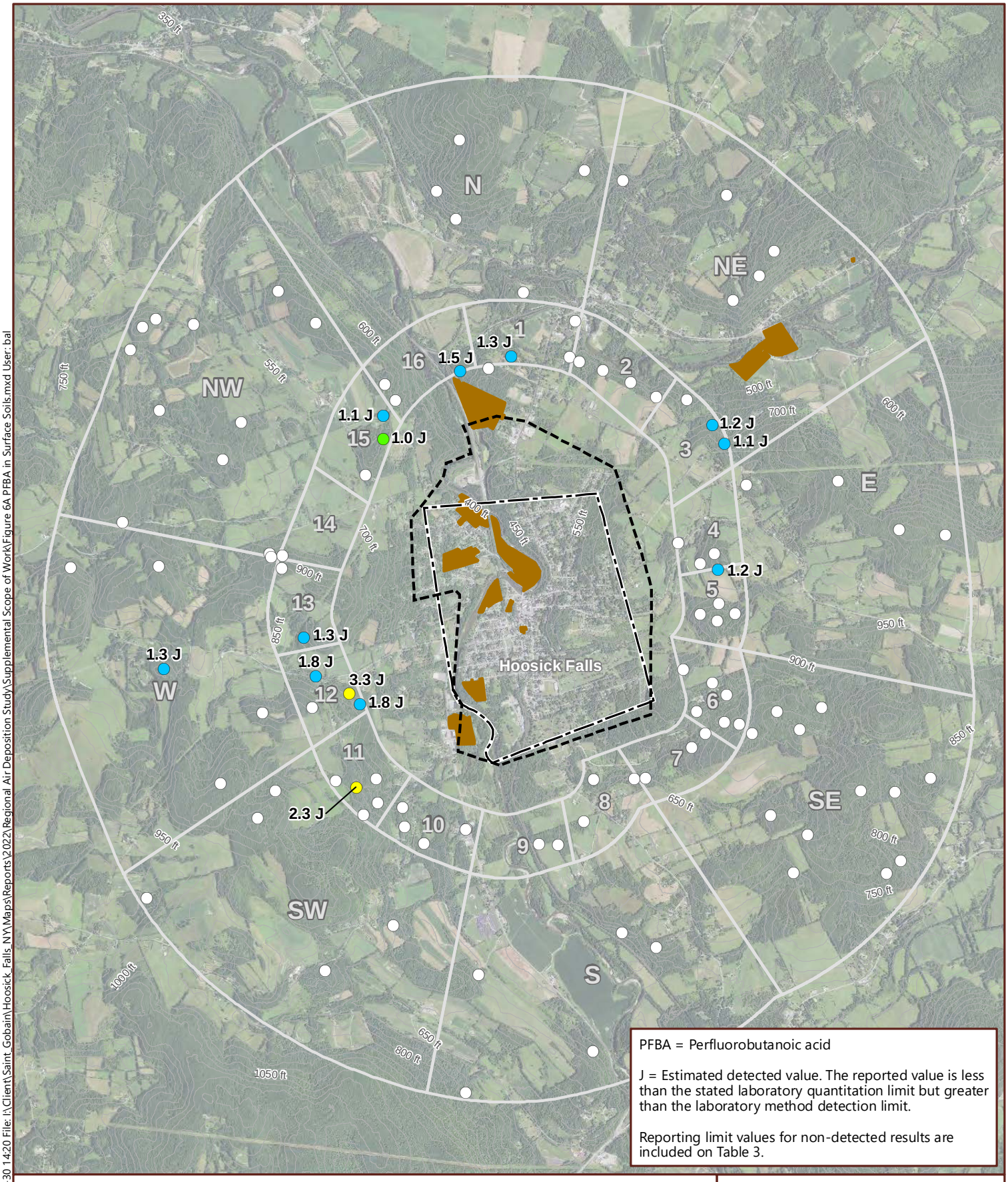
0 2,000 4,000 6,000
Feet

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

FIGURE 5C

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

BEC Footer: ArcGIS 10.9.1, 2022-08-30 14:05 File: I:\Client\Saint_Gobain\Hoosick_Falls_NY\Maps\Reports\2022\Regional Air Deposition Study\Supplemental Scope of Work\Figure 5C PFOS in Subsurface Soils.mxd User: bal



PFBA = Perfluorobutanoic 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.

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

0 2,000 4,000 6,000

Feet

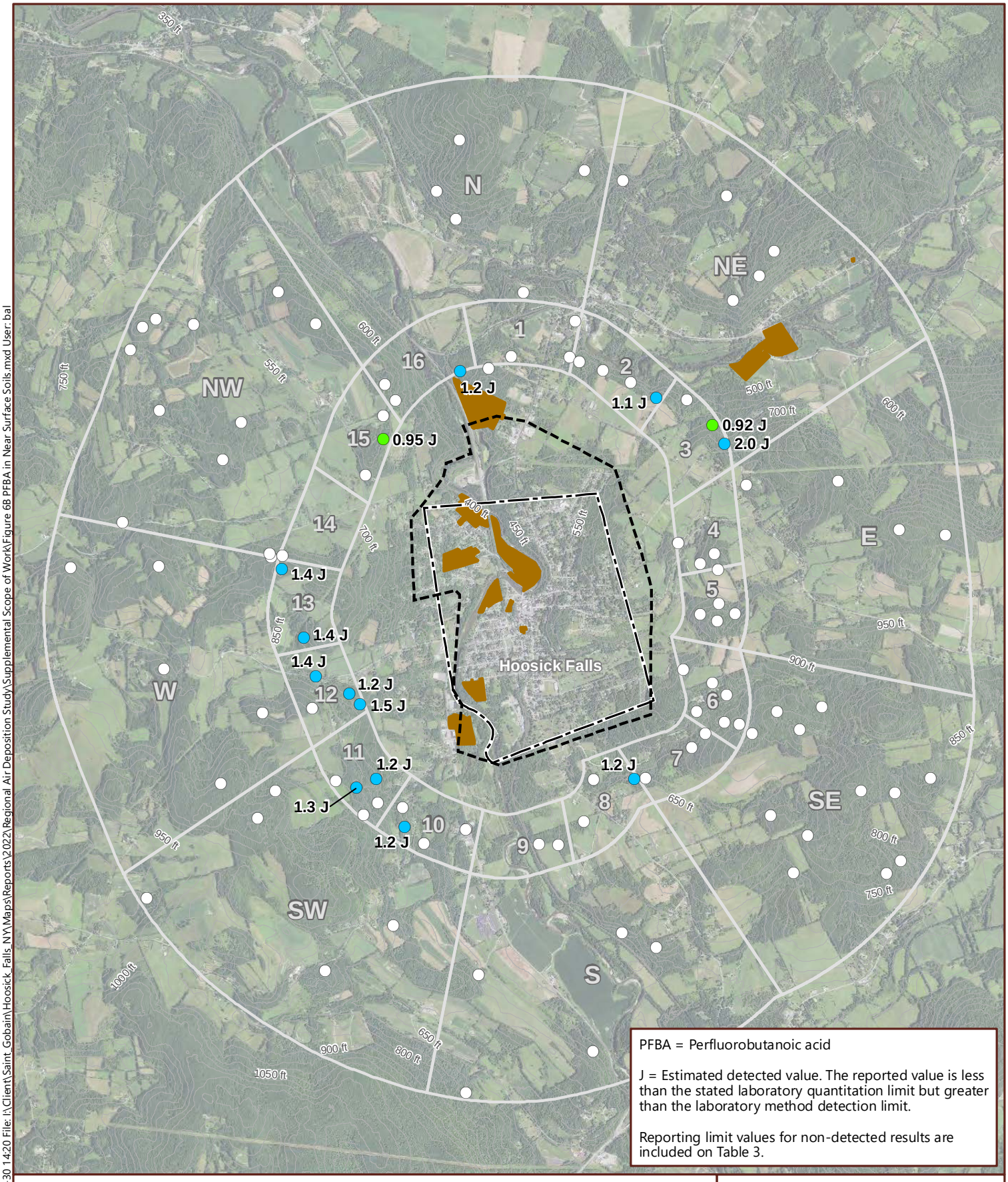
ppb = parts per billion and nanograms per gram (ng/g).

FIGURE 6A

PFBA IN SURFACE SOILS

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

BEC Footer: ArcGIS 10.9.1, 2022-08-30 14:20 File: I:\Client\Saint_Gobain\Hoosick_Falls_NY\Maps\Reports\2022\Regional Air Deposition Study\Supplemental Scope of Work\Figure 6A PFBA in Surface Soils.mxd User: bal



PFBA = Perfluorobutanoic 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.

PFBA Concentrations

- ND
- 0 - 1
- > 1 - 2

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

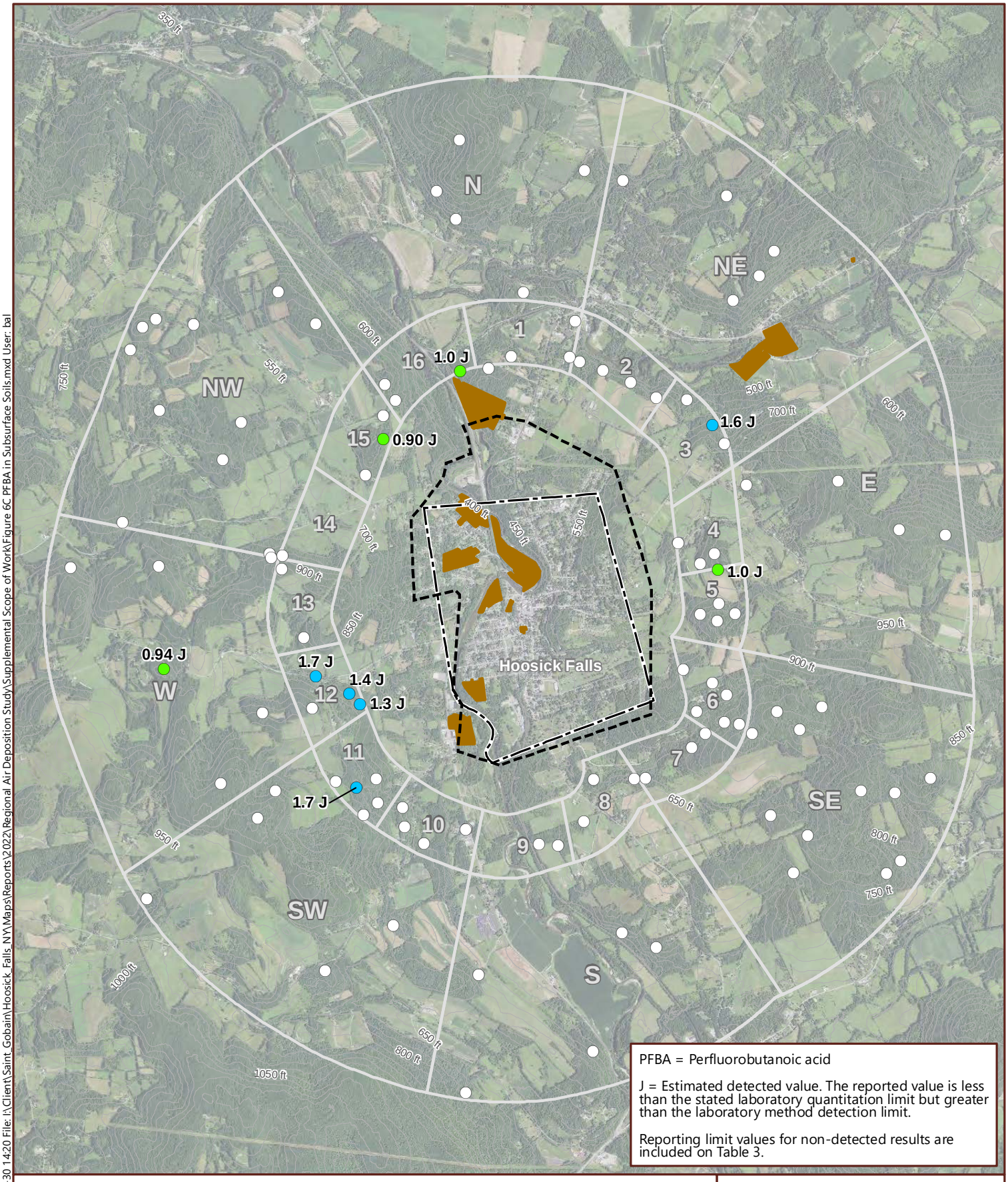
0 2,000 4,000 6,000
Feet

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

FIGURE 6B

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

BEC Footer: ArcGIS 10.9.1, 2022-08-30 14:20 File: I:\Client\Saint_Gobain\Hoosick_Falls_NY\Maps\Reports\2022\Regional Air Deposition Study\Supplemental Scope of Work\Figure 6B PFBA in Near Surface Soils.mxd User: bal



PFBA = Perfluorobutanoic 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.

PFBA Concentrations

- ND
- 0 - 1
- >1 - 1.7

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

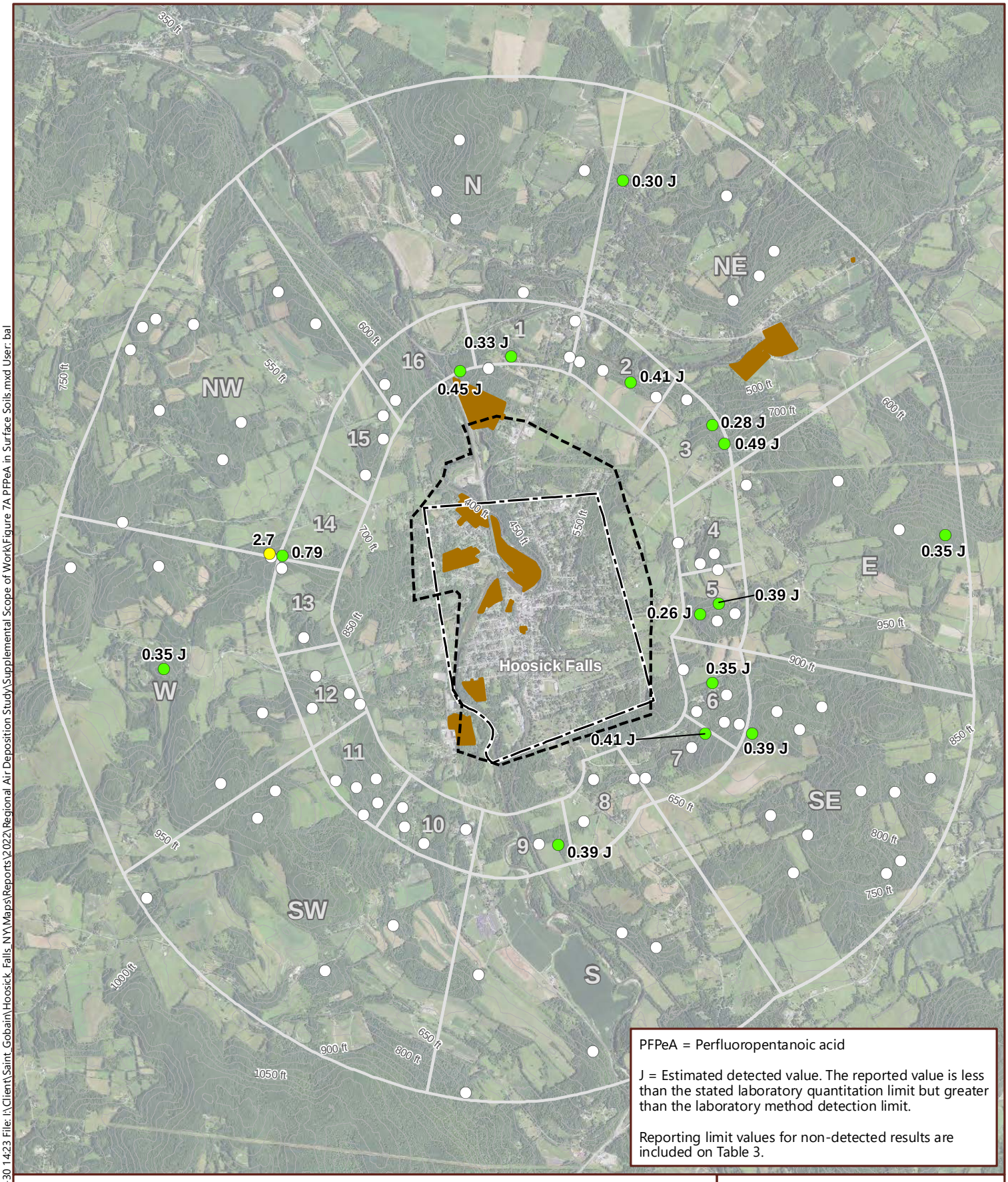
0 2,000 4,000 6,000
Feet

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

BEC Footer: ArcGIS 10.9.1, 2022-08-30 14:20 File: I:\Client\Saint_Gobain\Hoosick_Falls_NY\Maps\Reports\2022\Regional Air Deposition Study\Supplemental Scope of Work\Figure 6C PFBA in Subsurface Soils.mxd User: bal



PFPeA = Perfluoropentanoic 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.

PFPeA Concentrations

- ND
- 0 - 1
- >1 - 2
- >2 - 2.7

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

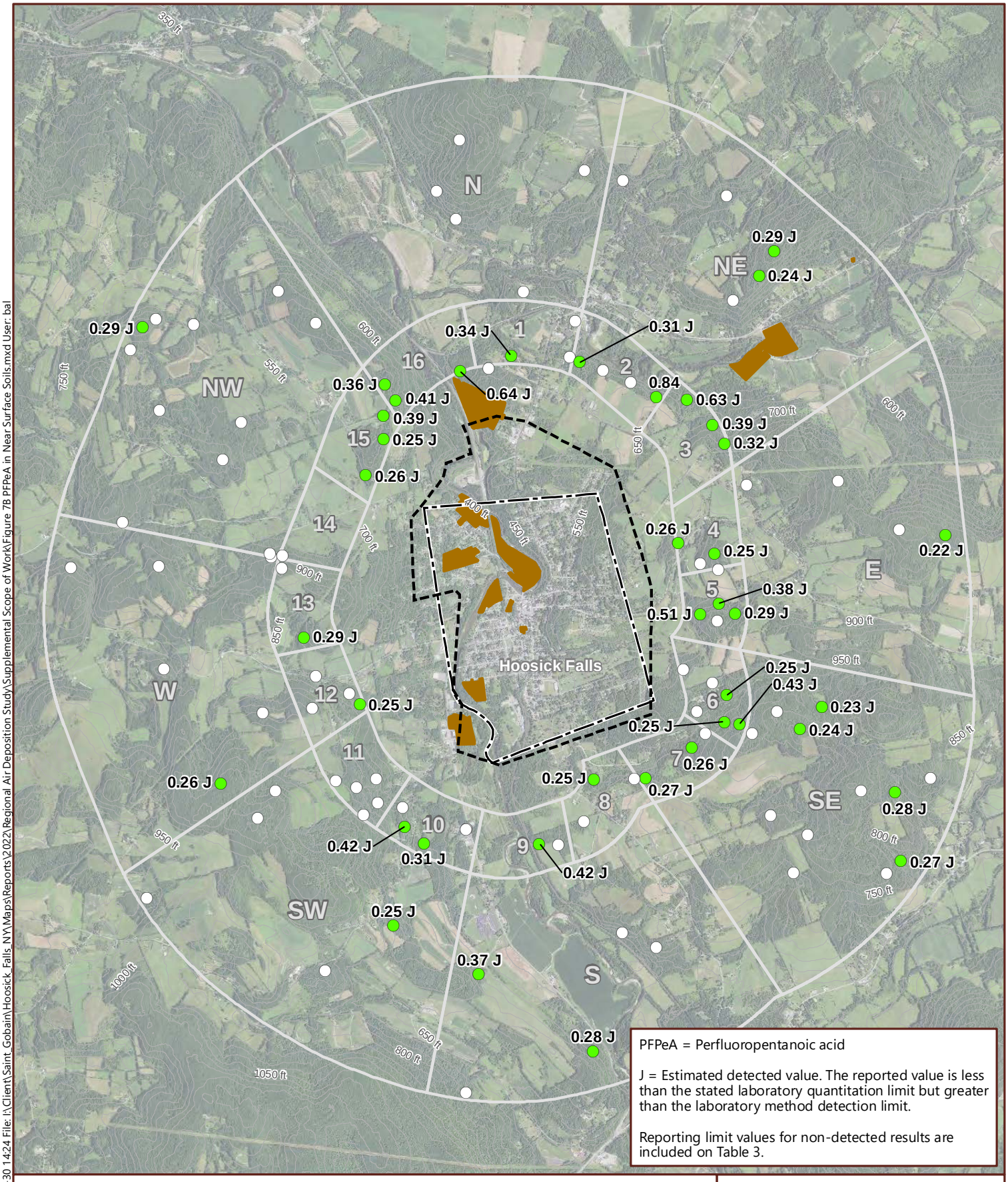
0 2,000 4,000 6,000
Feet

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

FIGURE 7A

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

BEC Footer: ArcGIS 10.9.1, 2022-08-30 14:23 File: I:\Client\Saint_Gobain\Hoosick_Falls_NY\Maps\Reports\2022\Regional Air Deposition Study\Supplemental Scope of Work\Figure 7A PFPeA in Surface Soils.mxd User: bal



PFPeA = Perfluoropentanoic 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.

PFPeA Concentrations

- ND
- 0 - 0.84
- Soil Sampling Sector Boundary
- Current OU-01 Boundary
- Sites of Interest
- Hoosick Falls Village Limits

0 2,000 4,000 6,000

Feet

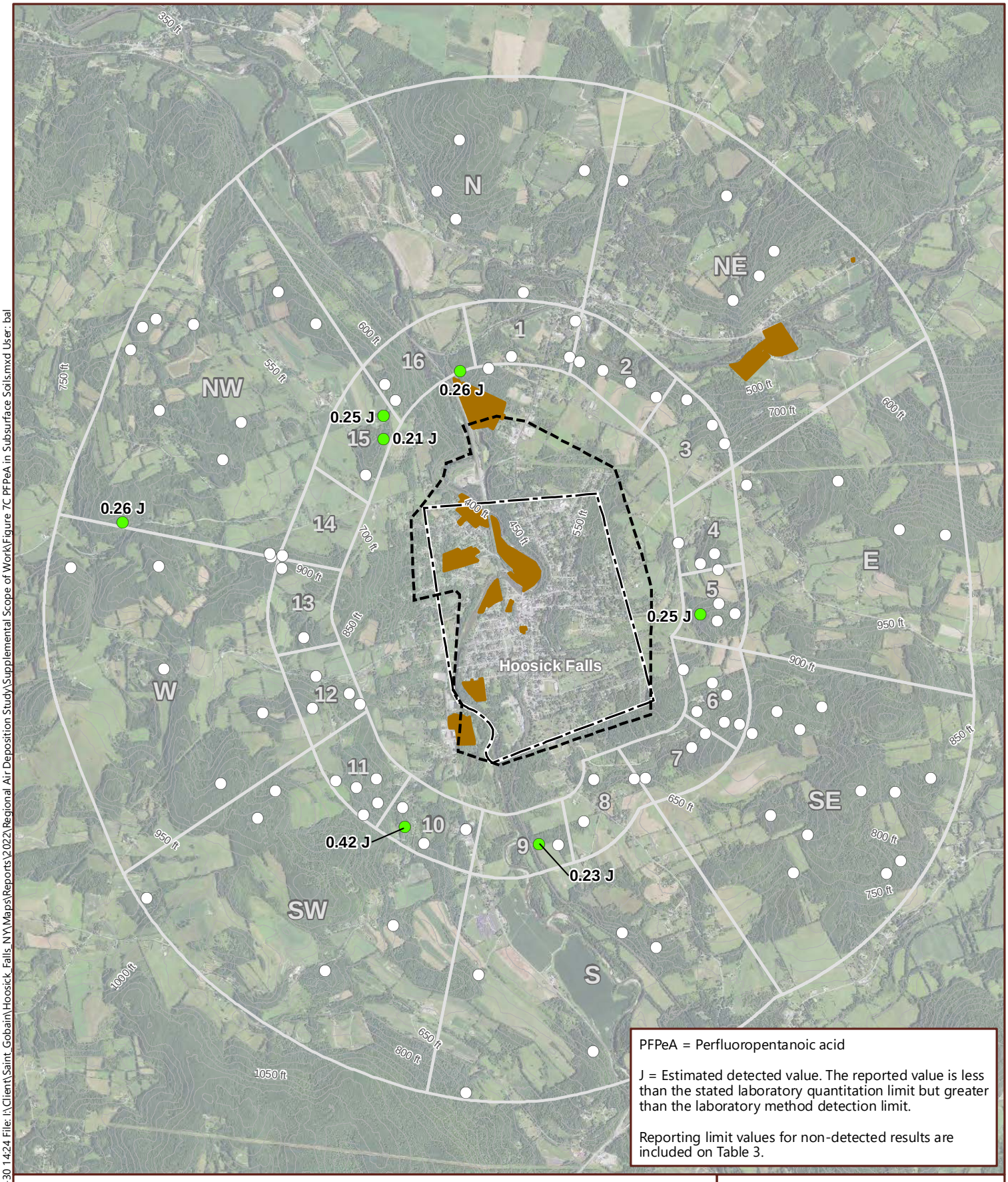
ppb = parts per billion and nanograms per gram (ng/g).

FIGURE 7B

PFPeA IN NEAR SURFACE SOILS

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

BEC Footer: ArcGIS 10.9.1, 2022-08-30 14:24 File: I:\Client\Saint_Gobain\Hoosick_Falls_NY\Maps\Reports\2022\Regional Air Deposition Study\Supplemental Scope of Work\Figure 7B PFPeA in Near Surface Soils.mxd User: bal



PFPeA = Perfluoropentanoic 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.

PFPeA Concentrations

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

0 2,000 4,000 6,000

Feet

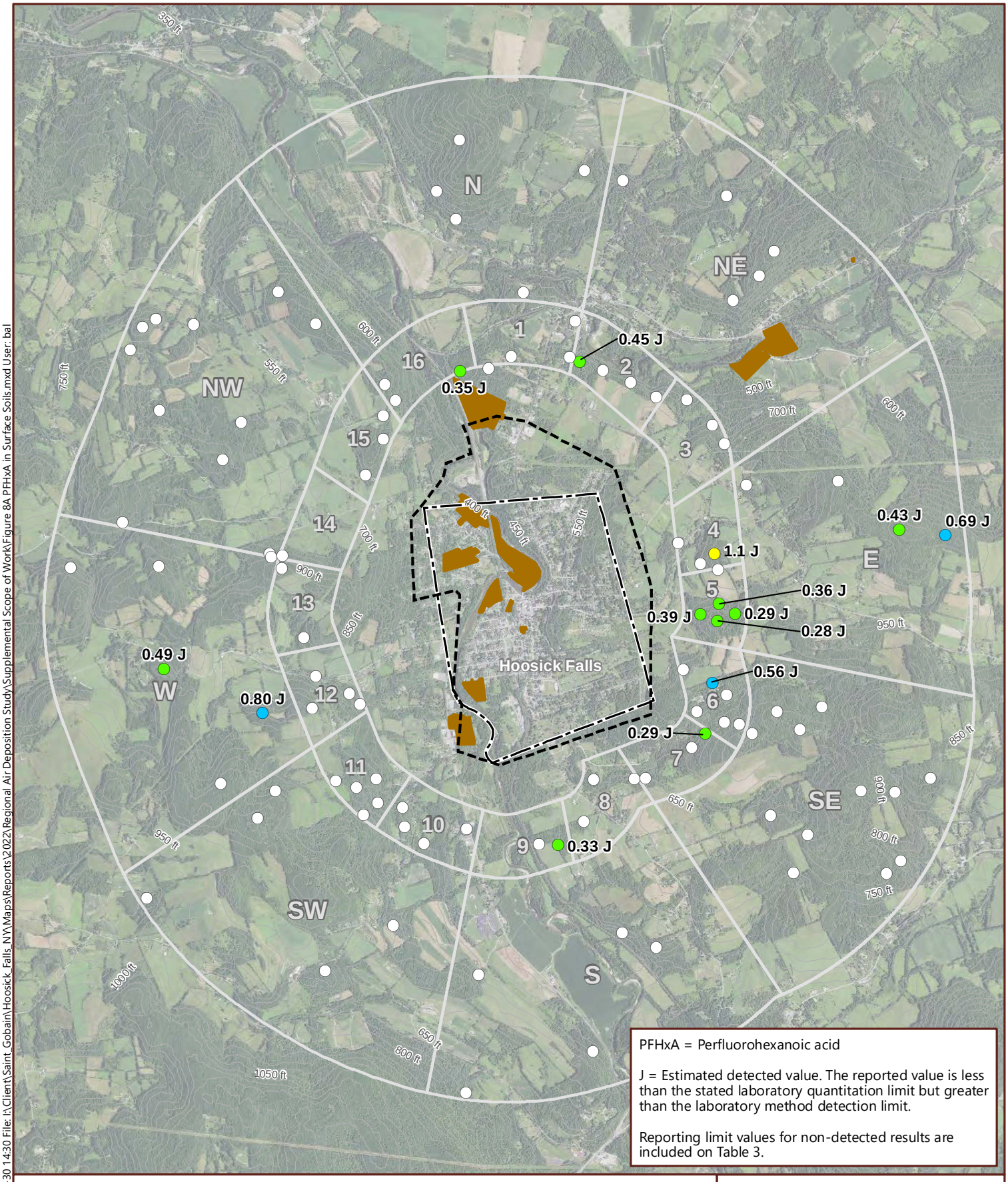
ppb = parts per billion and nanograms per gram (ng/g).

FIGURE 7C

PFPeA IN SUBSURFACE SOILS

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

BEC Footer: ArcGIS 10.9.1, 2022-08-30 14:24 File: I:\Client\Saint_Gobain\Hoosick_Falls_NY\Maps\Reports\2022\Regional Air Deposition Study\Supplemental Scope of Work\Figure 7C PFPeA in Subsurface Soils.mxd User: bal



PFHxA = Perfluorohexanoic 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.

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

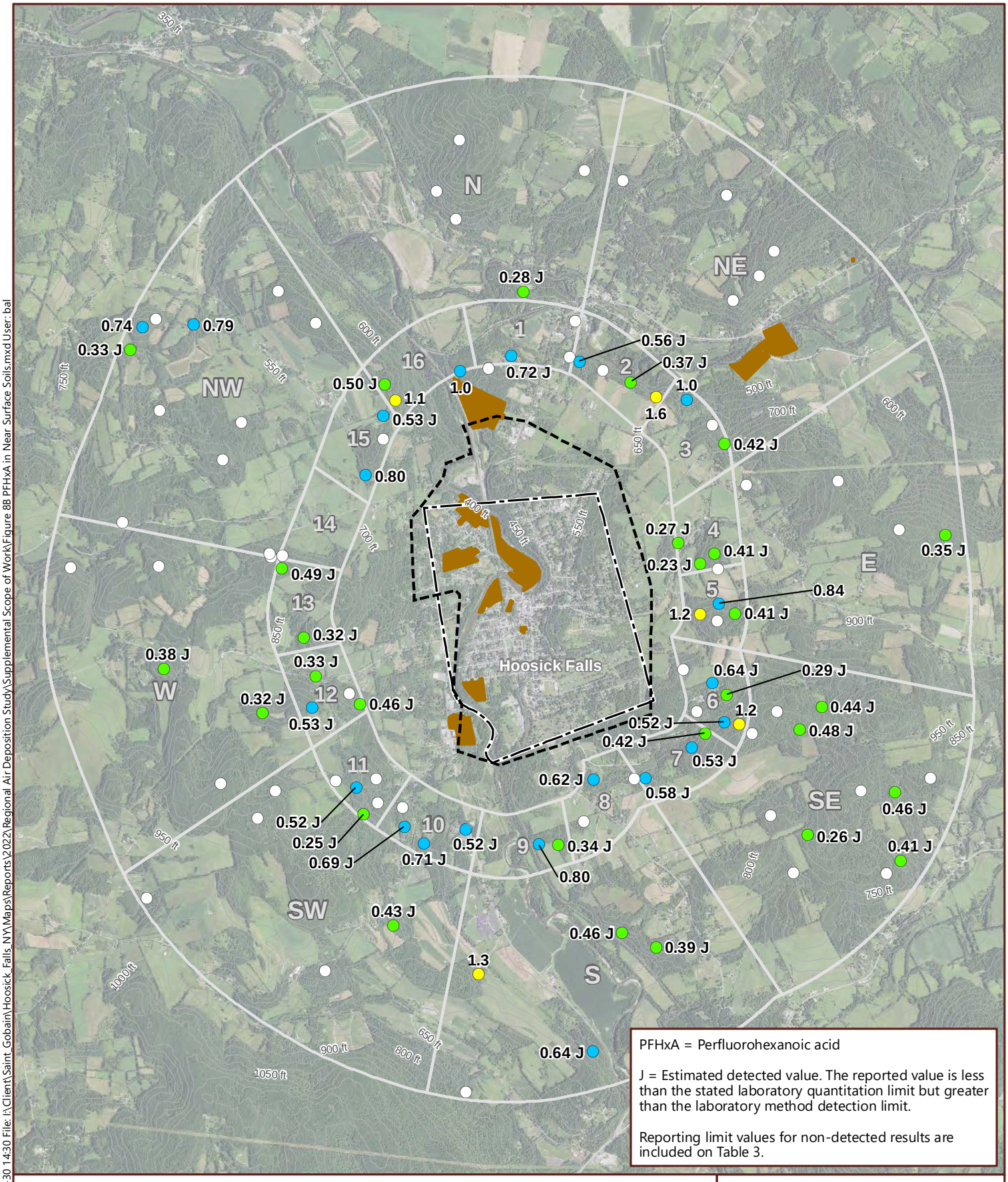
0 2,000 4,000 6,000
Feet

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

BEC Footer: ArcGIS 10.9.1, 2022-08-30 14:30 File: I:\Client\Saint_Gobain\Hoosick_Falls_NY\Maps\Reports\2022\Regional Air Deposition Study\Supplemental Scope of Work\Figure 8A PFHxA in Surface Soils.mxd User: bal



PFHxA = Perfluorohexanoic 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.

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

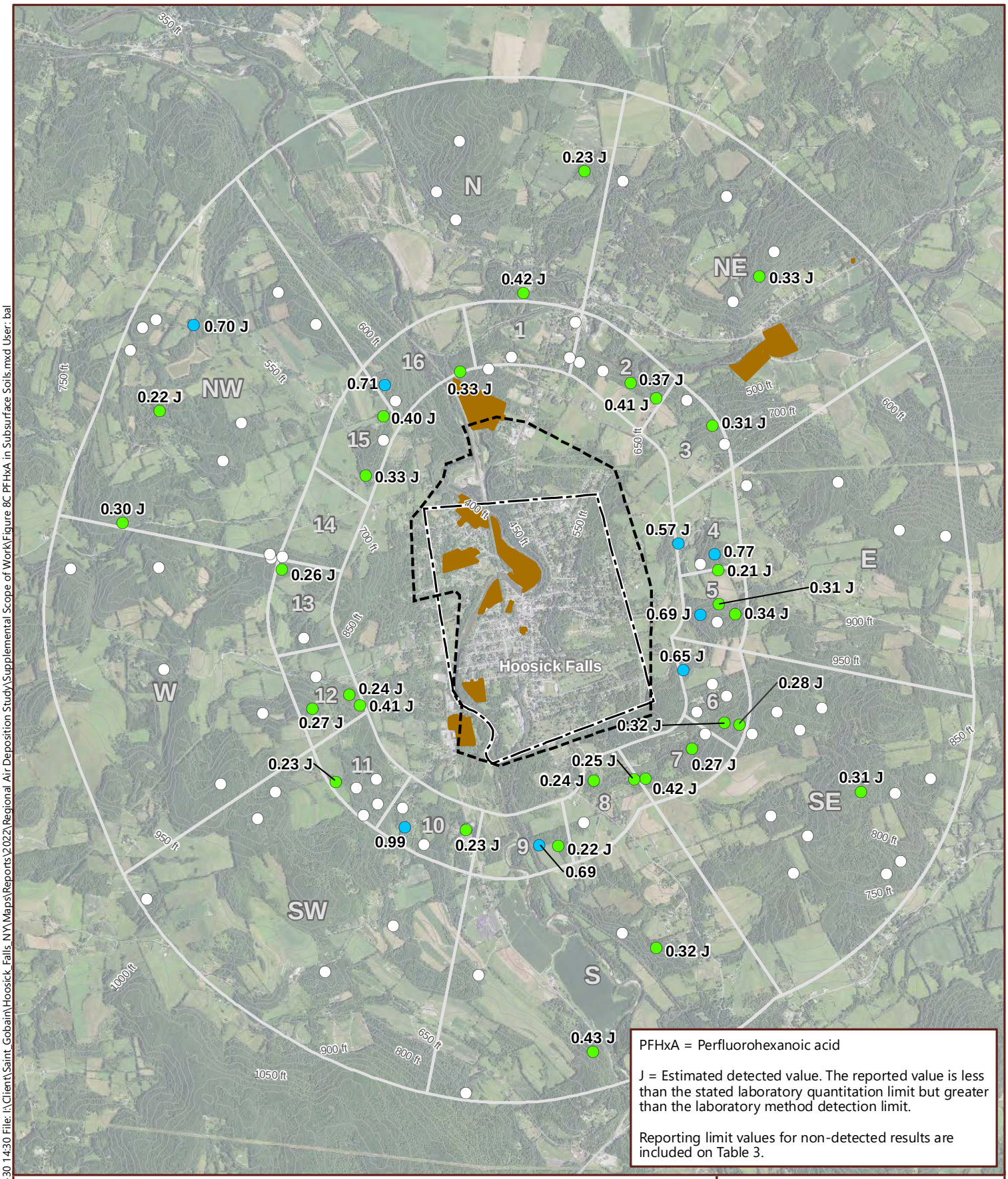
0 2,000 4,000 6,000
Feet

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

BEC Footer: ArcGIS 10.9.1, 2022-08-30 14:30 File: I:\Client\Saint_Gobain\Hoosick_Falls_NY\Maps\Reports\2022\Regional Air Deposition Study\Supplemental Scope of Work\Figure 8B PFHxA in Near Surface Soils.mxd User: bal



PFHxA = Perfluorohexanoic 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.

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

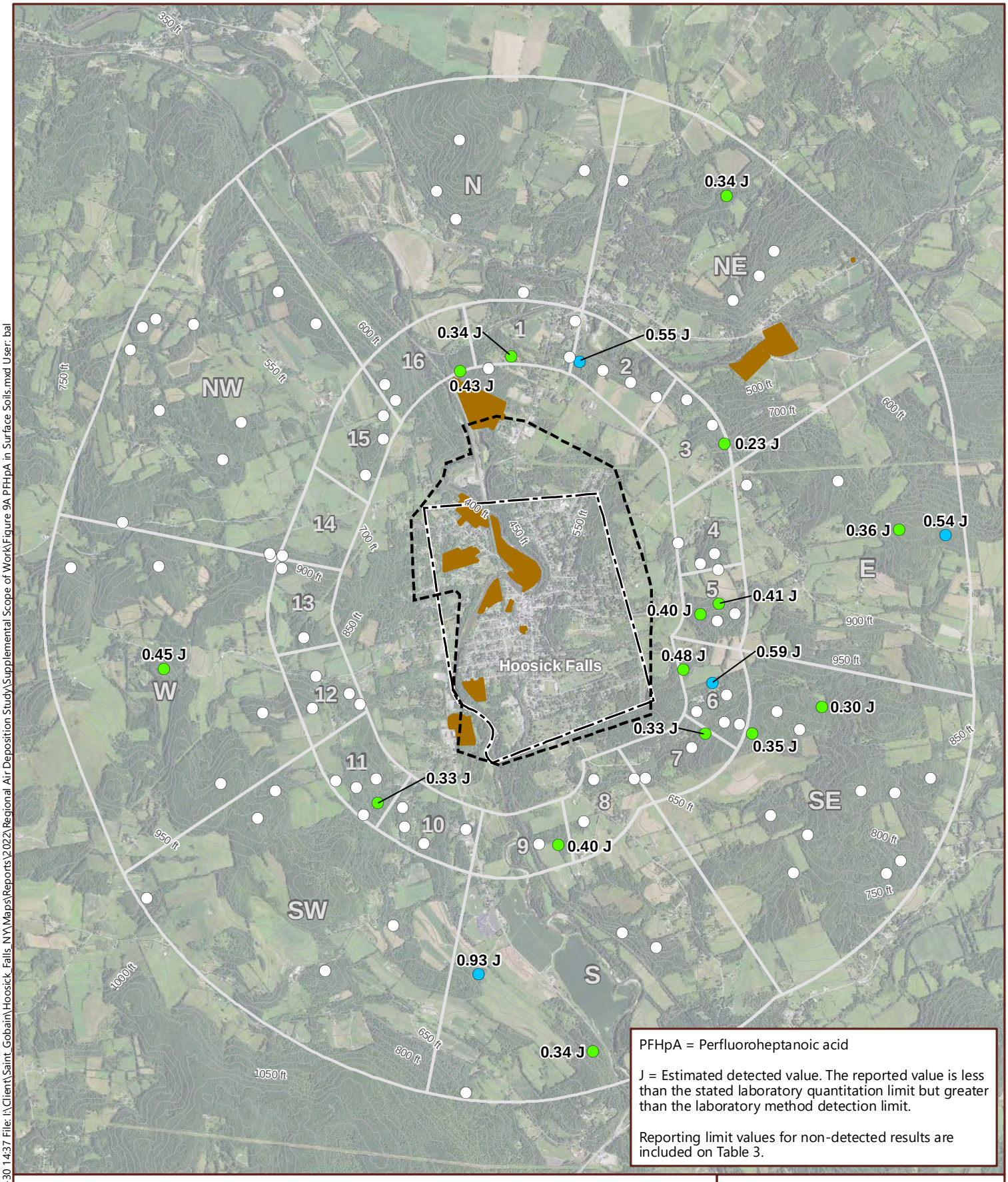
0 2,000 4,000 6,000
Feet

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

BEC Footer: ArcGIS 10.9.1, 2022-08-30 14:30 File: I:\Client\Saint_Gobain\Hoosick_Falls_NY\Maps\Reports\2022\Regional Air Deposition Study\Supplemental Scope of Work\Figure 8C PFHxA in Subsurface Soils.mxd User: bal



PFHpA = Perfluoroheptanoic 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.

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

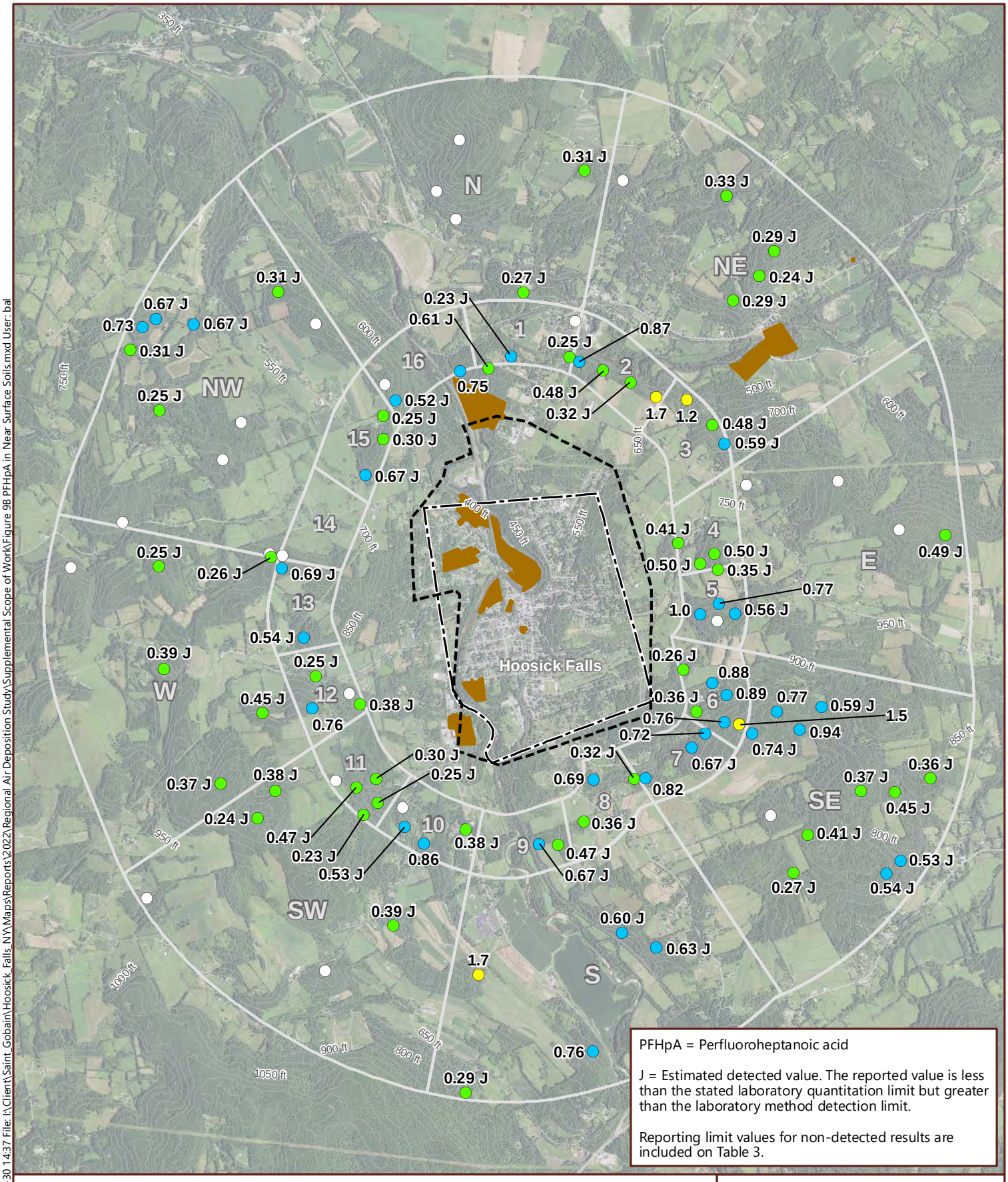
ppb = parts per billion and nanograms per gram (ng/g).

FIGURE 9A

PFHpA IN SURFACE SOILS

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

BEC Footer: ArcGIS 10.9.1, 2022-08-30 14:37 File: I:\Client\Saint_Gobain\Hoosick_Falls_NY\Maps\Reports\2022\Regional Air Deposition Study\Supplemental Scope of Work\Figure 9A PFHpA in Surface Soils.mxd User: bal



PFHpA = Perfluoroheptanoic 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.

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

0 2,000 4,000 6,000

Feet

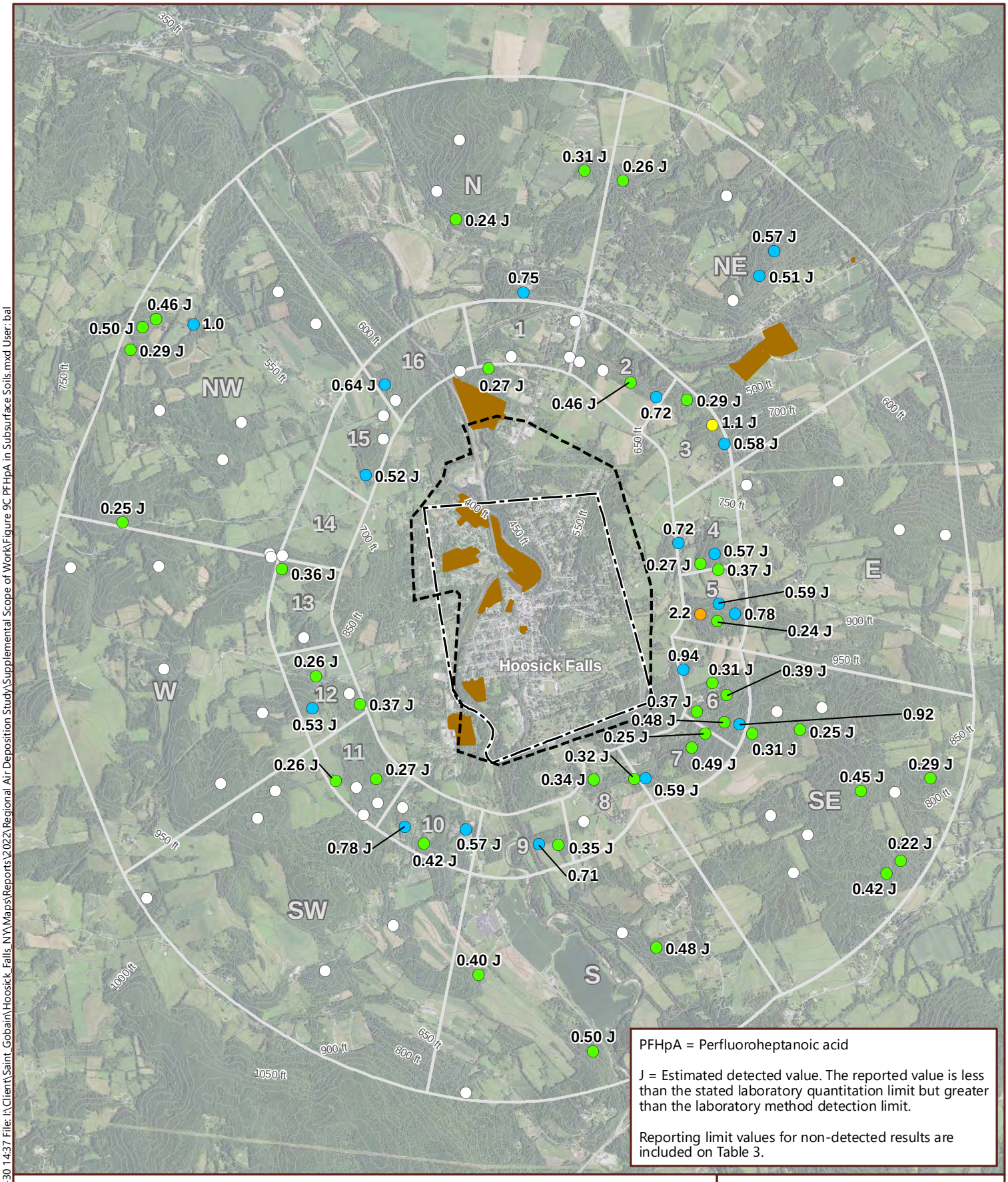
ppb = parts per billion and nanograms per gram (ng/g).

FIGURE 9B

PFHpA IN NEAR SURFACE SOILS

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

BEC Footer: ArcGIS 10.9.1, 2022-08-30 14:37 File: I:\Client\Saint_Gobain\Hoosick_Falls_NY\Maps\Reports\2022\Regional Air Deposition Study\Supplemental Scope of Work\Figure 9B PFHpA in Near Surface Soils.mxd User: bal



PFHpA = Perfluoroheptanoic 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.

PFHpA Concentrations

- ND
- 0 - 0.5
- >0.5 - 1
- >1 - 2
- >2. - 2.2

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

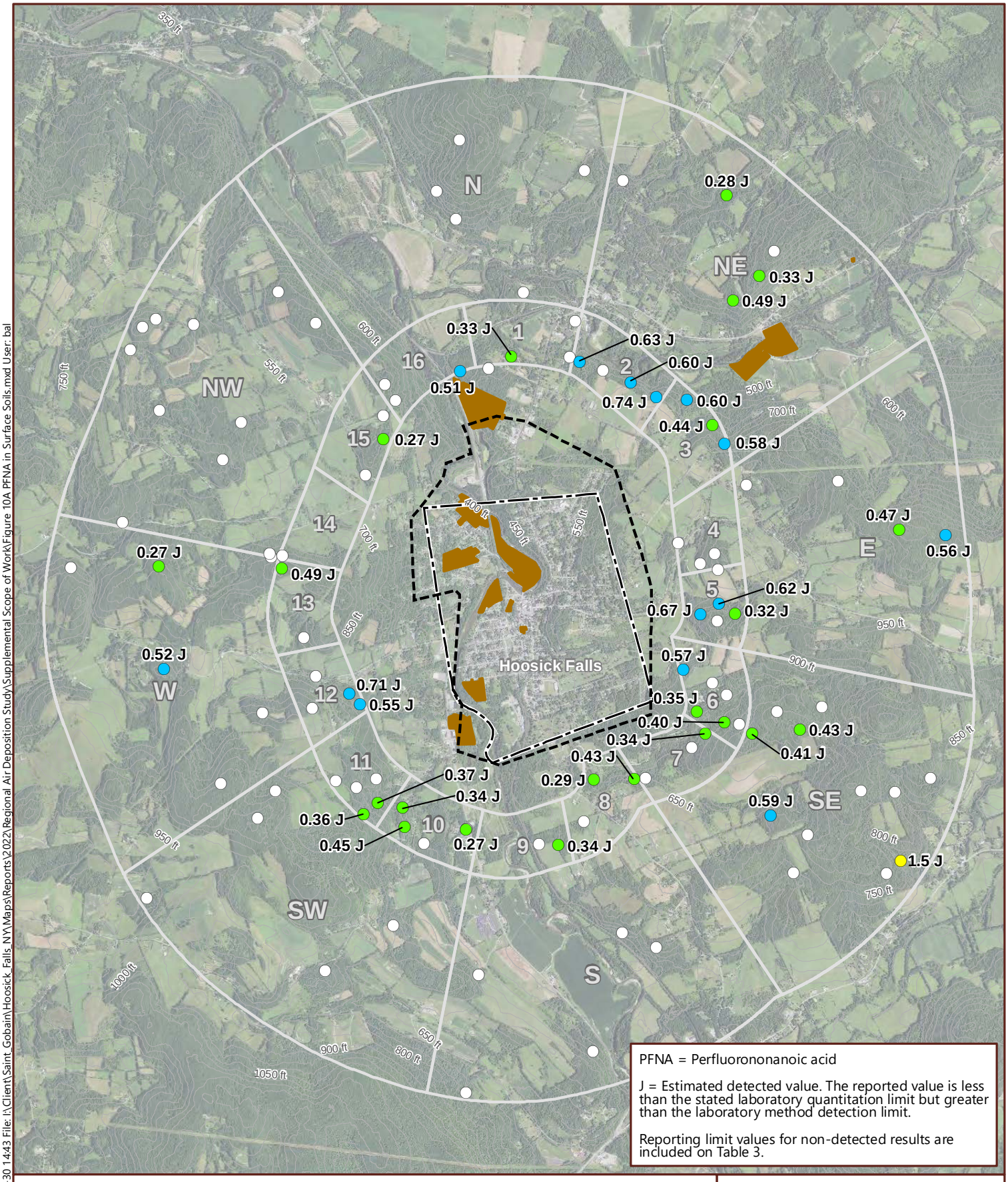
0 2,000 4,000 6,000
Feet

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

FIGURE 9C

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

BEC Footer: ArcGIS 10.9.1, 2022-08-30 14:37 File: I:\Client\Saint_Gobain\Hoosick_Falls_NY\Maps\Reports\2022\Regional Air Deposition Study\Supplemental Scope of Work\Figure 9C PFHpA in Subsurface Soils.mxd User: bal



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 - 1
- >1 - 1.5

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

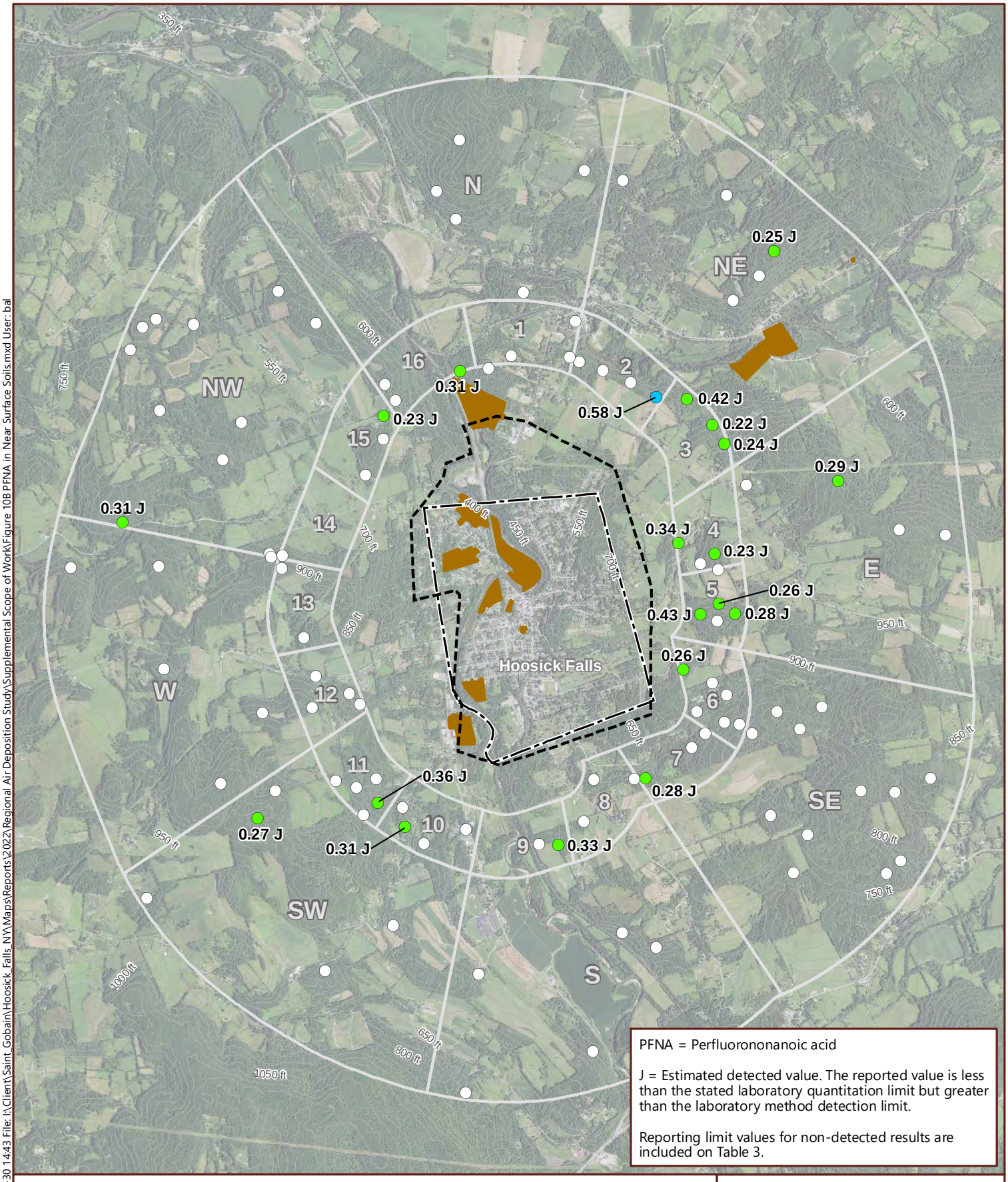
0 2,000 4,000 6,000
Feet

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

FIGURE 10A

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

BEC Footer: ArcGIS 10.9.1, 2022-08-30 14:43 File: I:\Client\Saint_Gobain\Hoosick_Falls_NY\Maps\Reports\2022\Regional Air Deposition Study\Supplemental Scope of Work\Figure 10A PFNA in Surface Soils.mxd User: bal



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

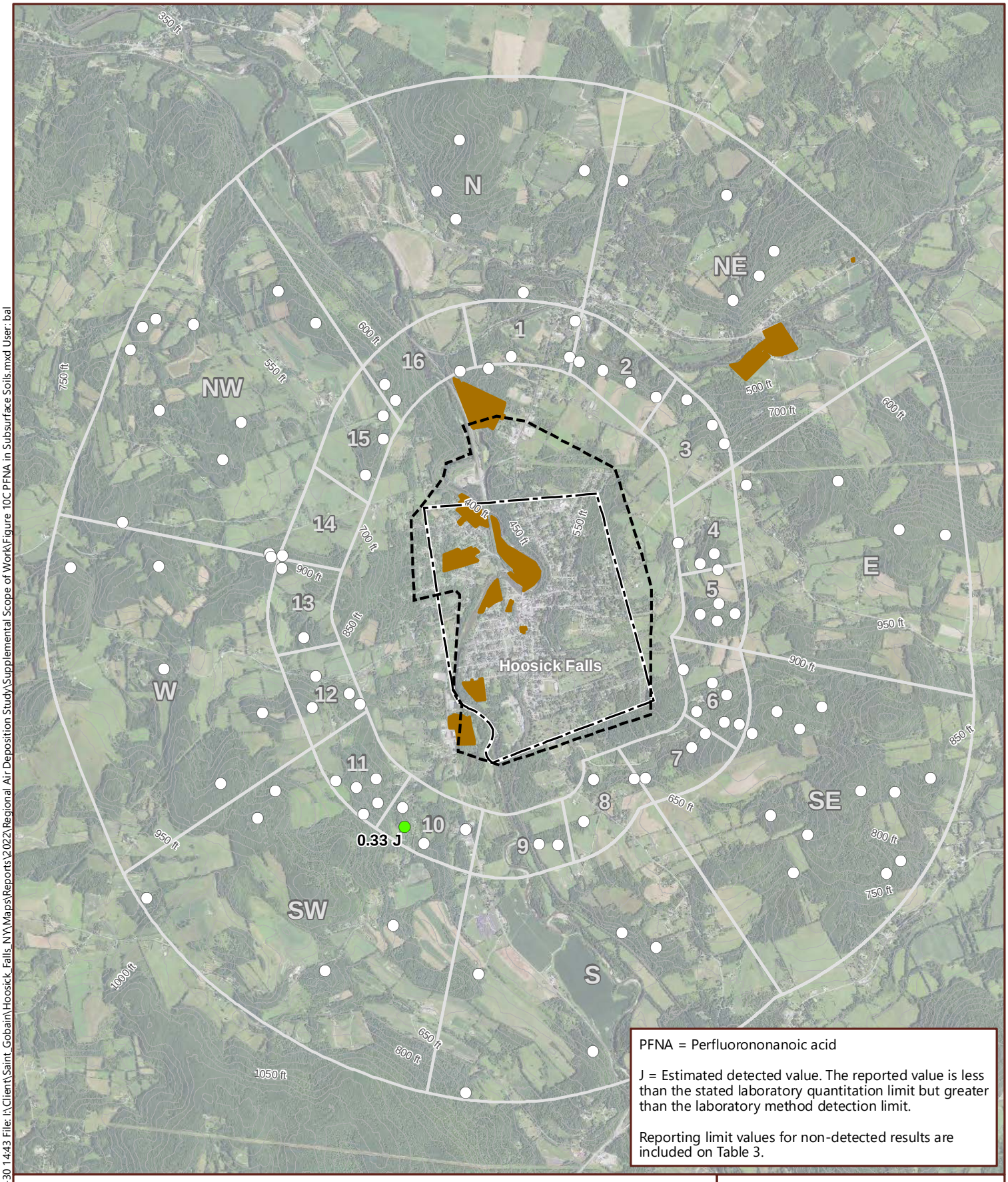
0 2,000 4,000 6,000
Feet

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

BEC Footer: ArcGIS 10.9.1, 2022-08-30 14:43 File: I:\Client\Saint_Gobain\Hoosick_Falls_NY\Maps\Reports\2022\Regional Air Deposition Study\Supplemental Scope of Work\Figure 10B PFNA in Near Surface Soils.mxd User: bal



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

0 2,000 4,000 6,000

Feet

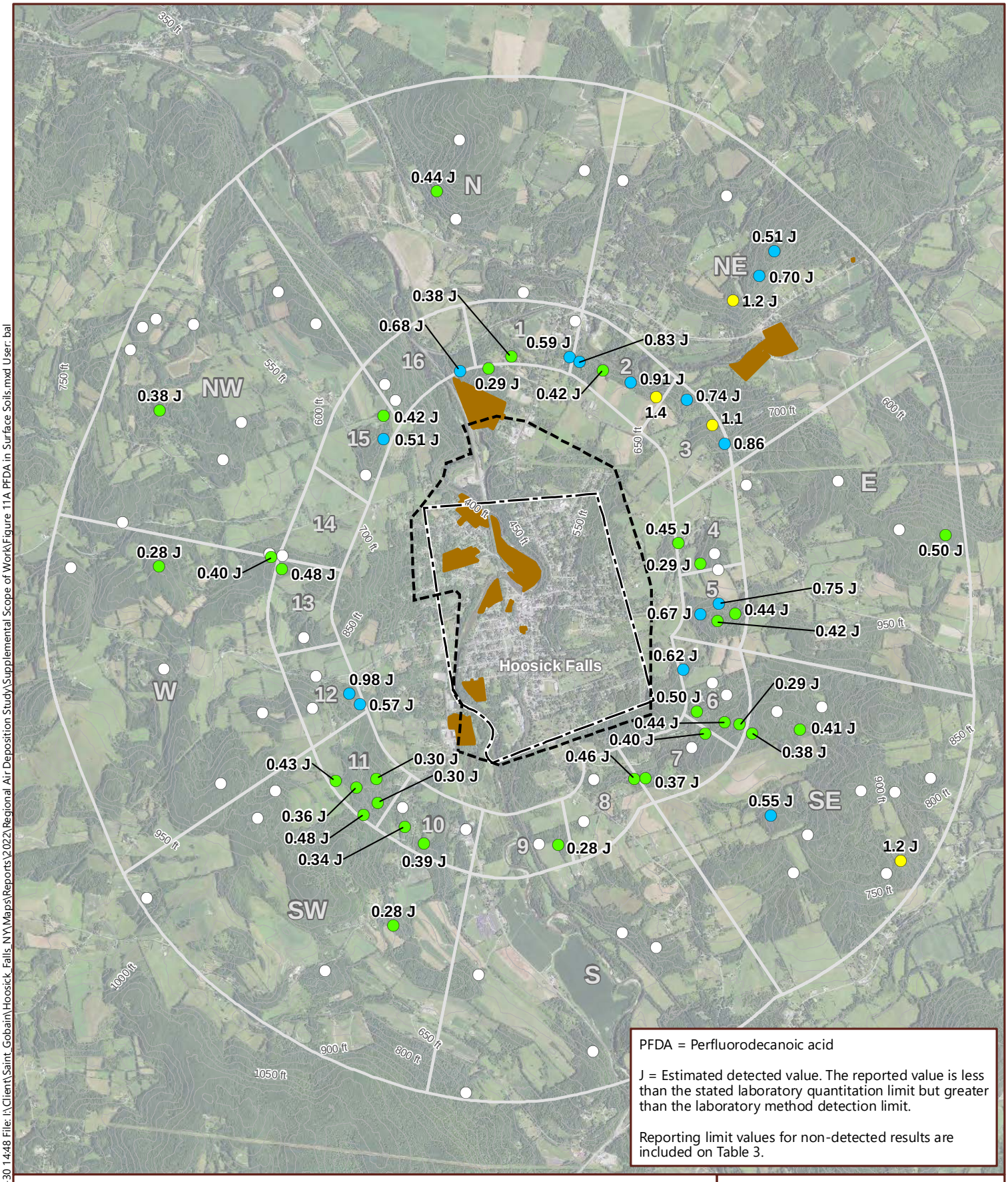
ppb = parts per billion and nanograms per gram (ng/g).

FIGURE 10C

PFNA IN SUBSURFACE SOILS

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

BEC Footer: ArcGIS 10.9.1, 2022-08-30 14:43 File: I:\Client\Saint_Gobain\Hoosick_Falls_NY\Maps\Reports\2022\Regional Air Deposition Study\Supplemental Scope of Work\Figure 10C PFNA in Subsurface Soils.mxd User: bal



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.

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

0 2,000 4,000 6,000

Feet

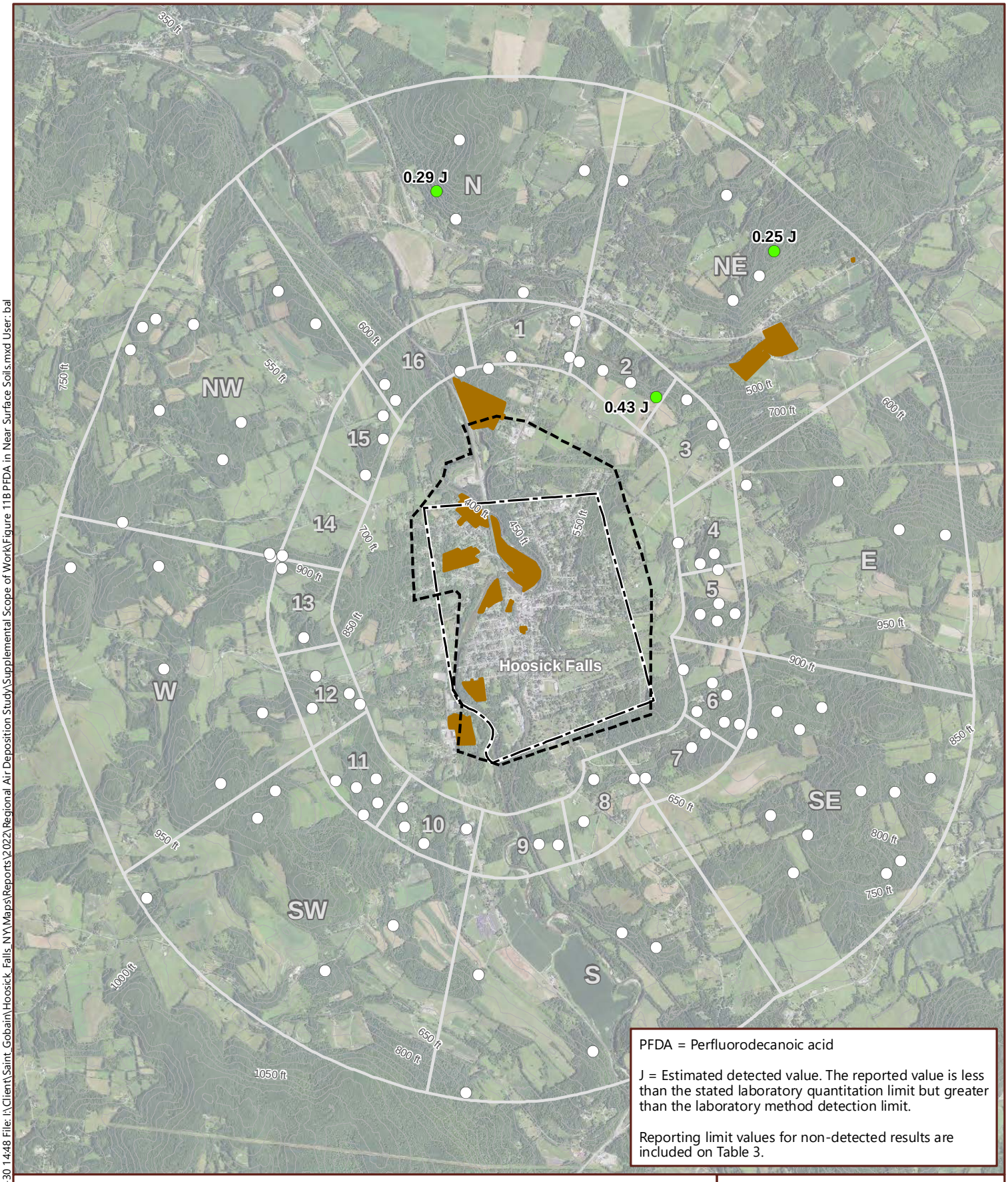
ppb = parts per billion and nanograms per gram (ng/g).

FIGURE 11A

PFDA IN SURFACE SOILS

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

BEC Footer: ArcGIS 10.9.1, 2022-08-30 14:48 File: I:\Client\Saint_Gobain\Hoosick_Falls_NY\Maps\Reports\2022\Regional Air Deposition Study\Supplemental Scope of Work\Figure 11A PFDA in Surface Soils.mxd User: bal



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.

PFDA Concentrations

- ND
- 0 - 0.43
- 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 11B

PFDA IN NEAR SURFACE SOILS

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

BEC Footer: ArcGIS 10.9.1, 2022-08-30 14:48 File: I:\Client\Saint_Gobain\Hoosick_Falls_NY\Maps\Reports\2022\Regional Air Deposition Study\Supplemental Scope of Work\Figure 11B PFDA in Near Surface Soils.mxd User: bal

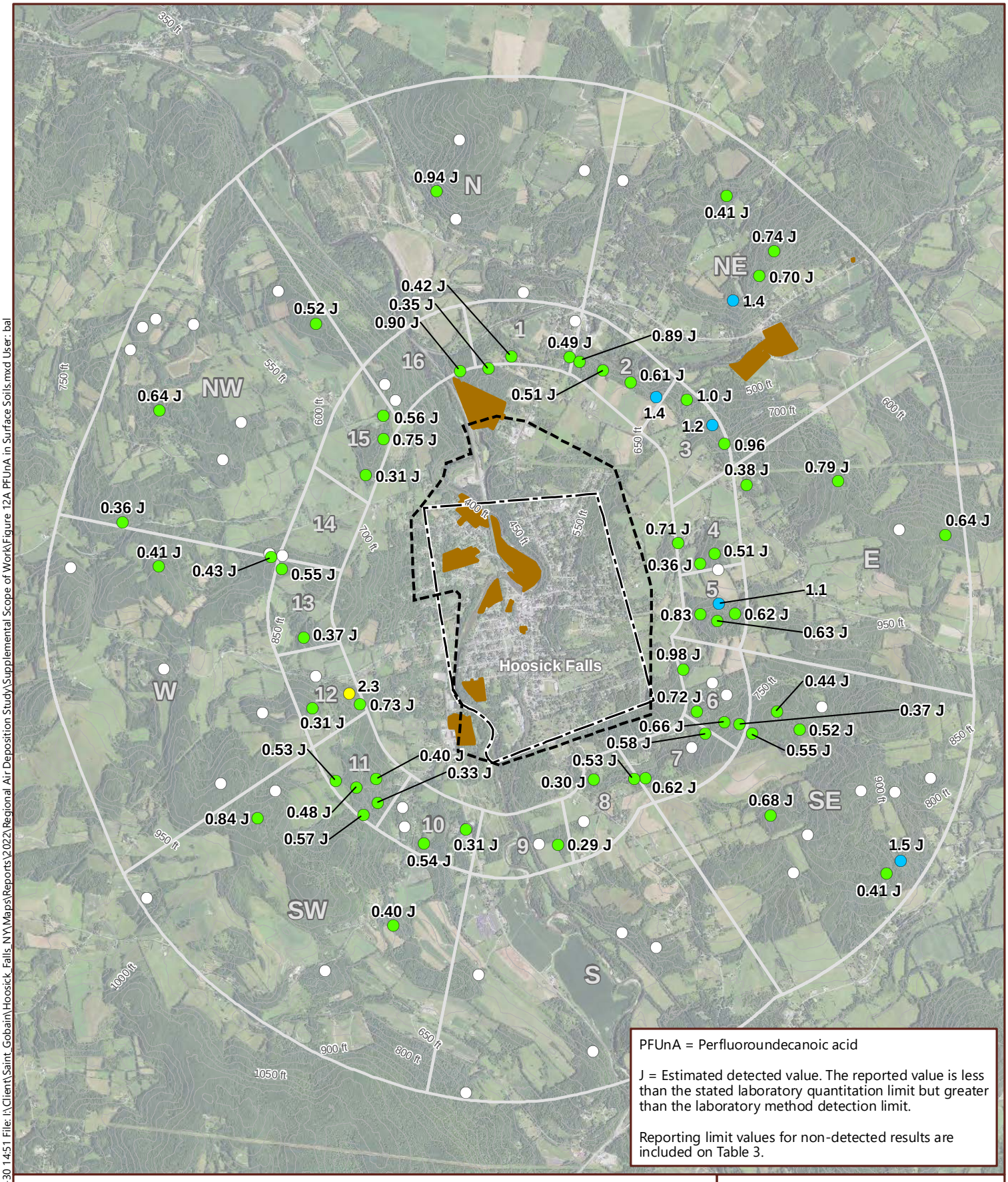
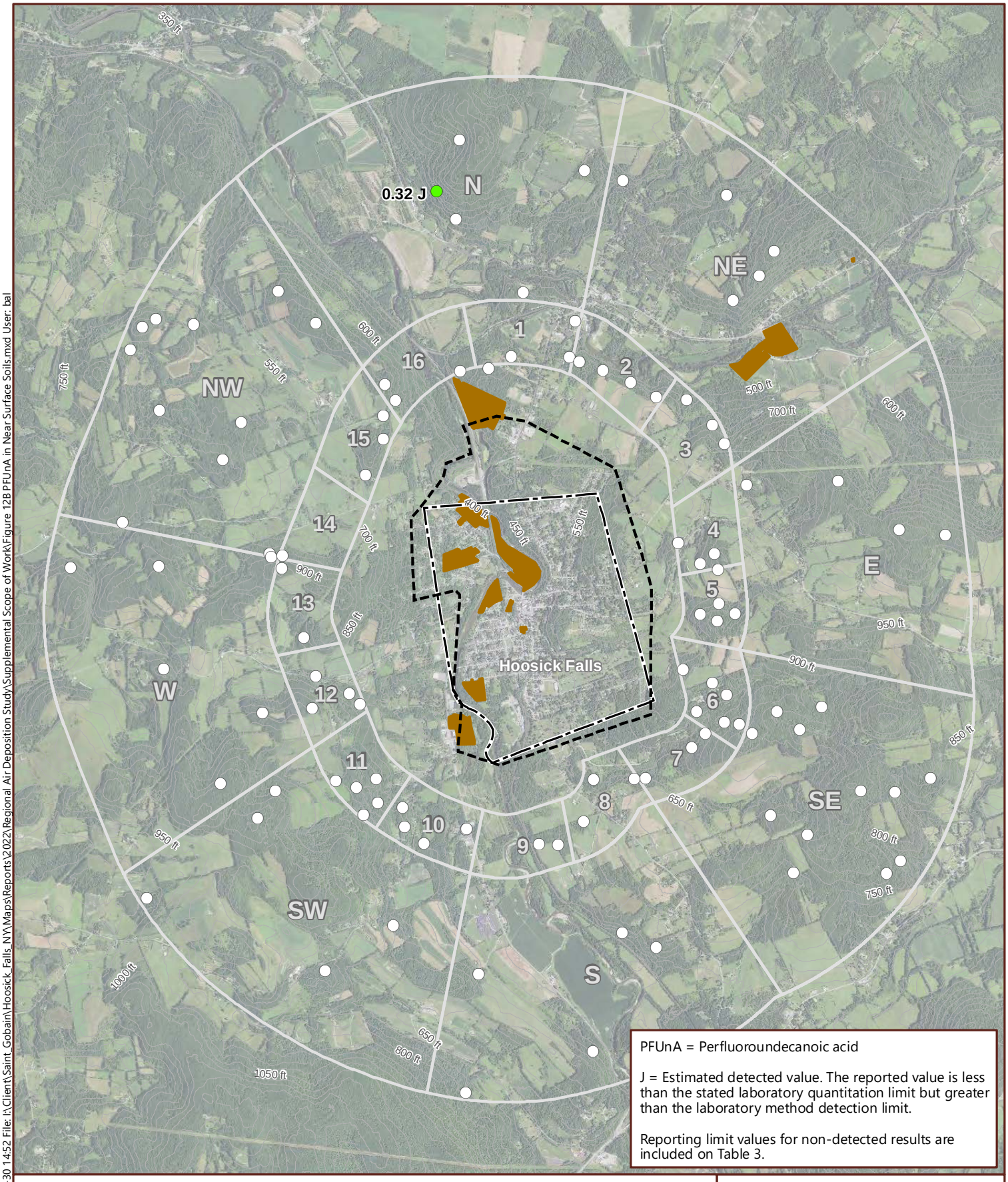


FIGURE 12A

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

BEC Footer: ArcGIS 10.9.1, 2022-08-30 14:51 File: I:\Client\Saint_Gobain\Hoosick_Falls_NY\Maps\Reports\2022\Regional Air Deposition Study\Supplemental Scope of Work\Figure 12A PFUnA in Surface Soils.mxd User: bal



PFUnA = Perfluoroundecanoic 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.

PFUnA Concentrations

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

0 2,000 4,000 6,000

Feet

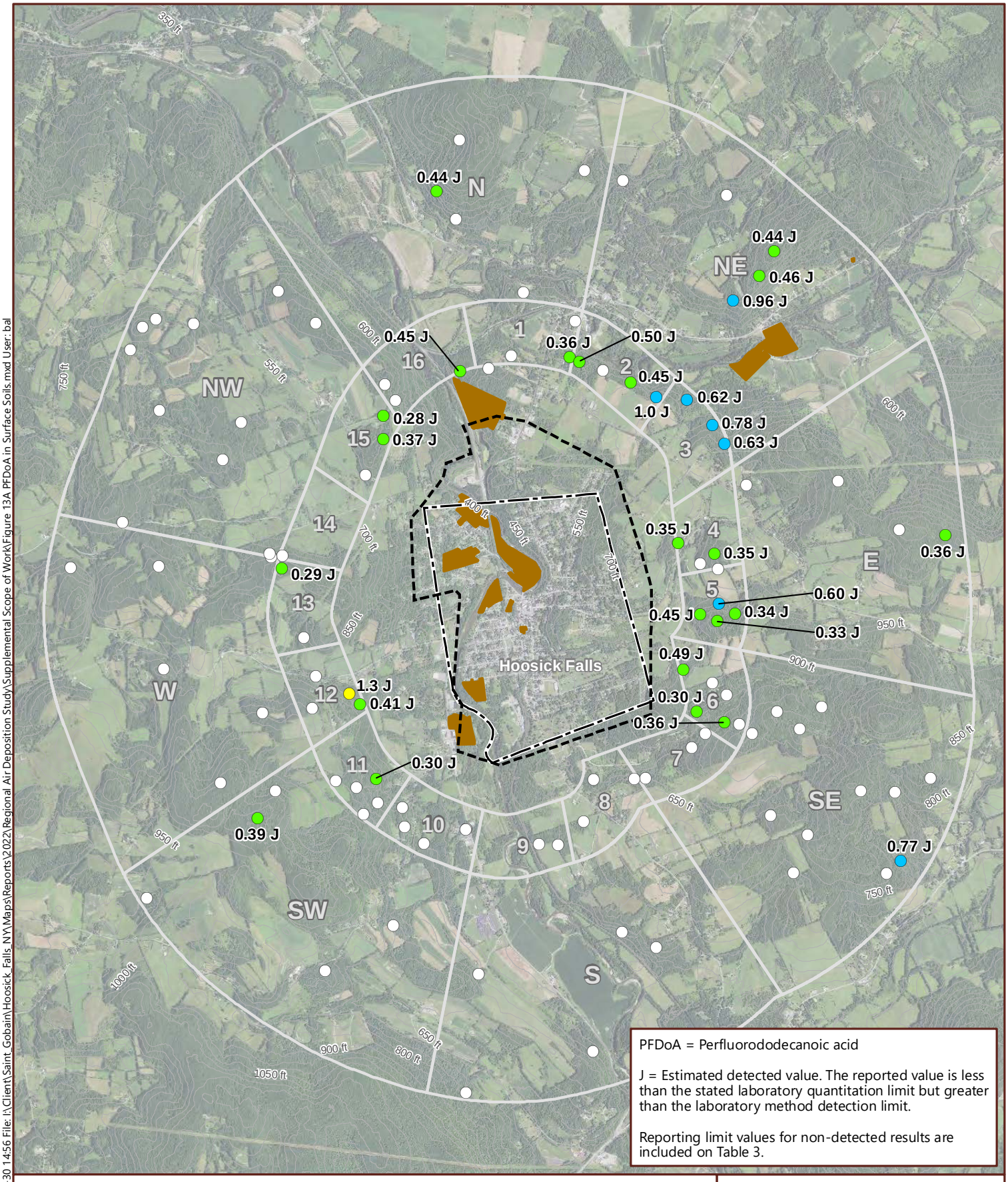
ppb = parts per billion and nanograms per gram (ng/g).

FIGURE 12B

PFUnA IN NEAR SURFACE SOILS

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

BEC Footer: ArcGIS 10.9.1, 2022-08-30 14:52 File: I:\Client\Saint_Gobain\Hoosick_Falls_NY\Maps\Reports\2022\Regional Air Deposition Study\Supplemental Scope of Work\Figure 12B PFUnA in Near Surface Soils.mxd User: bal



PFDoA = Perfluorododecanoic 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.

PFDoA Concentrations

- ND
- 0 - 0.5
- >0.5 - 1
- >1 - 1.3

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

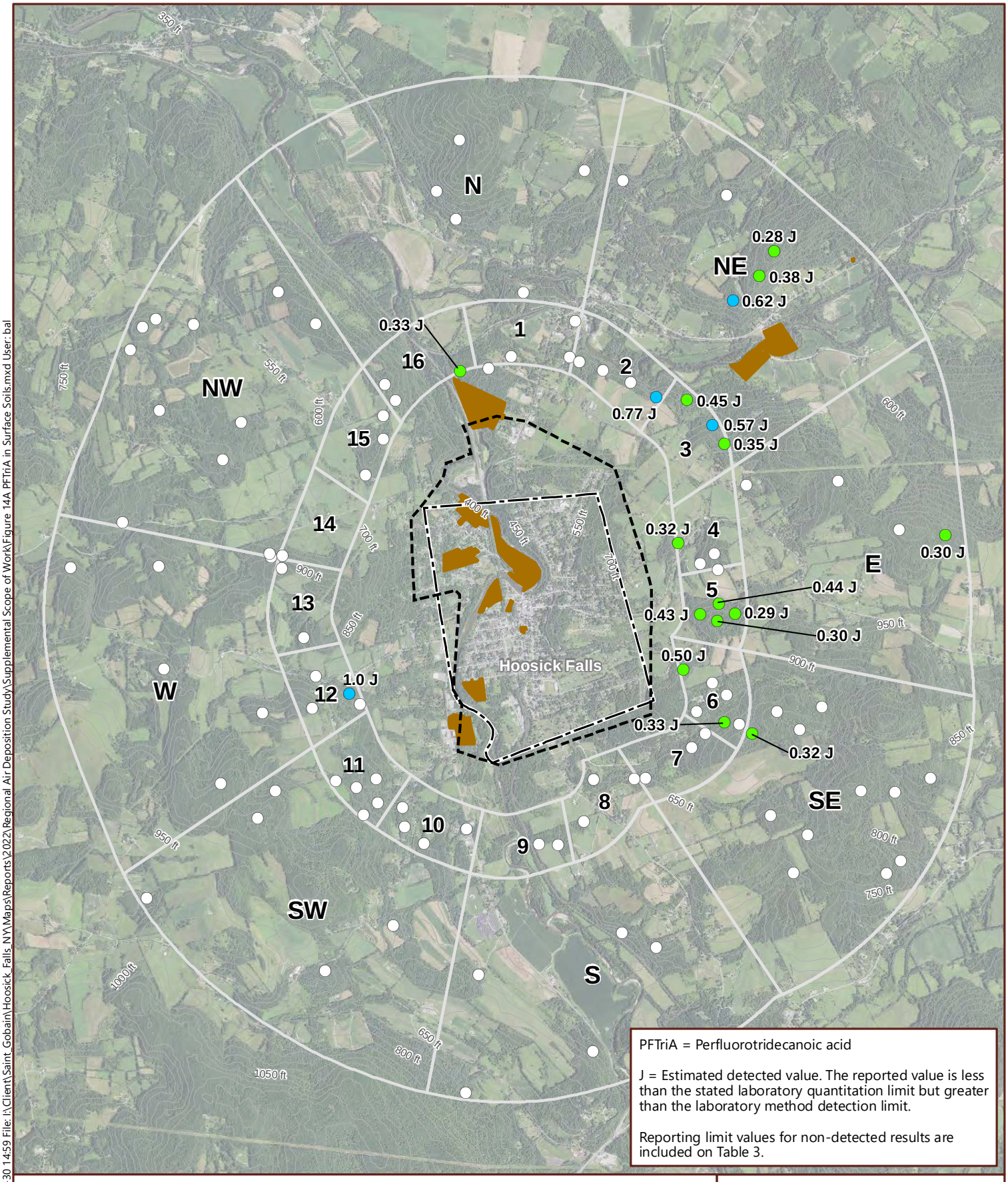
0 2,000 4,000 6,000
Feet

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

FIGURE 13

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

BEC Footer: ArcGIS 10.9.1, 2022-08-30 14:56 File: I:\Client\Saint_Gobain\Hoosick_Falls_NY\Maps\Reports\2022\Regional Air Deposition Study\Supplemental Scope of Work\Figure 13A PFDoA in Surface Soils.mxd User: bal



PFTriA = Perfluorotridecanoic 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.

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

BEC Footer: ArcGIS 10.9.1, 2022-08-30 14:59 File: I:\Client\Saint_Gobain\Hoosick_Falls_NY\Maps\Reports\2022\Regional Air Deposition Study\Supplemental Scope of Work\Figure 14A PFTriA in Surface Soils.mxd User: bal

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

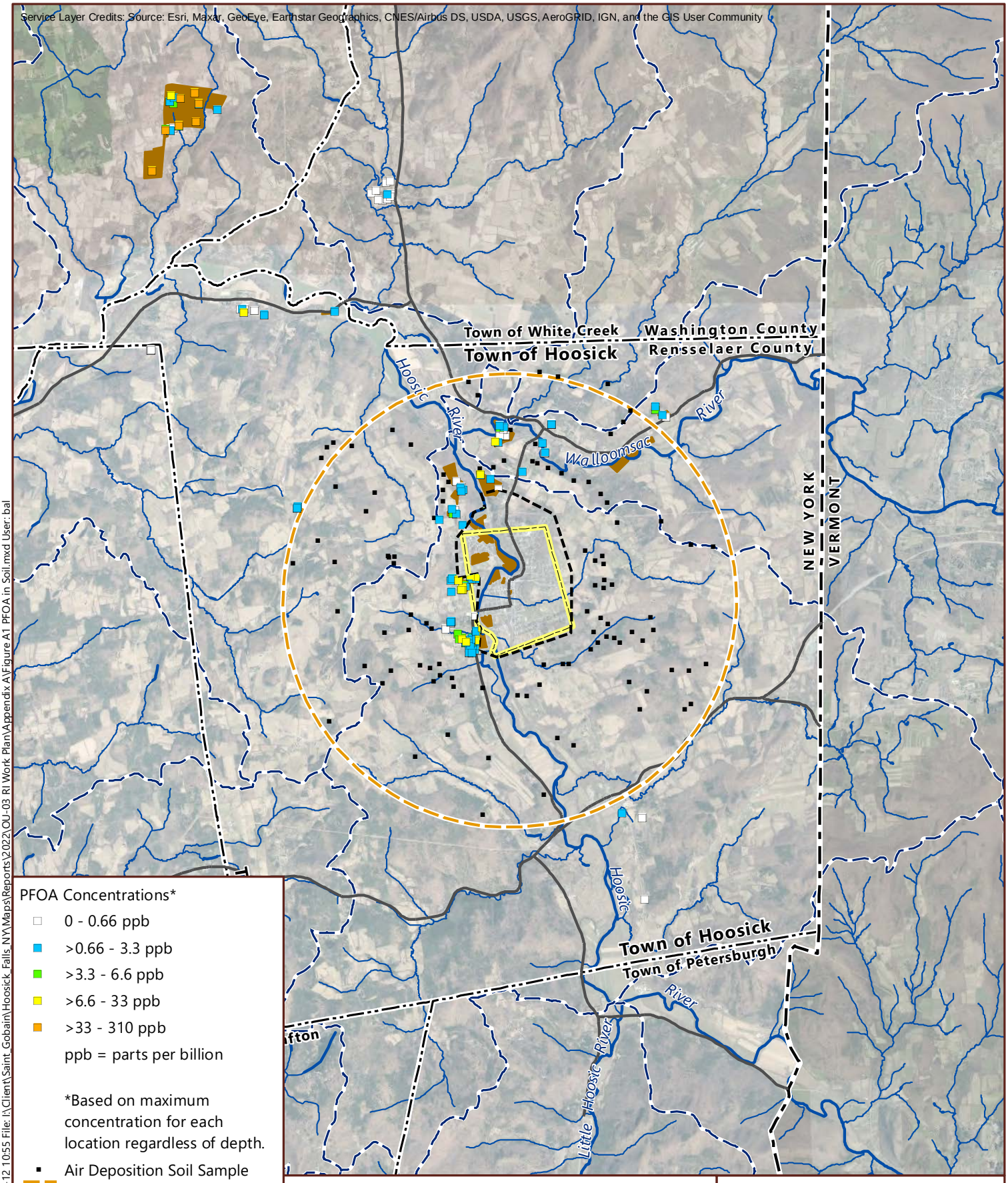


FIGURE A1

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

BEC Footer: ArcGIS 10.9.1, 2022-10-12 10:55 File: I:\Client\Saint-Gobain\Hoosick_Falls_NY\Maps\Reports\2022\OU-03 RI Work Plan\Appendix A\Figure A1 PFOA in Soil.mxd User: bal

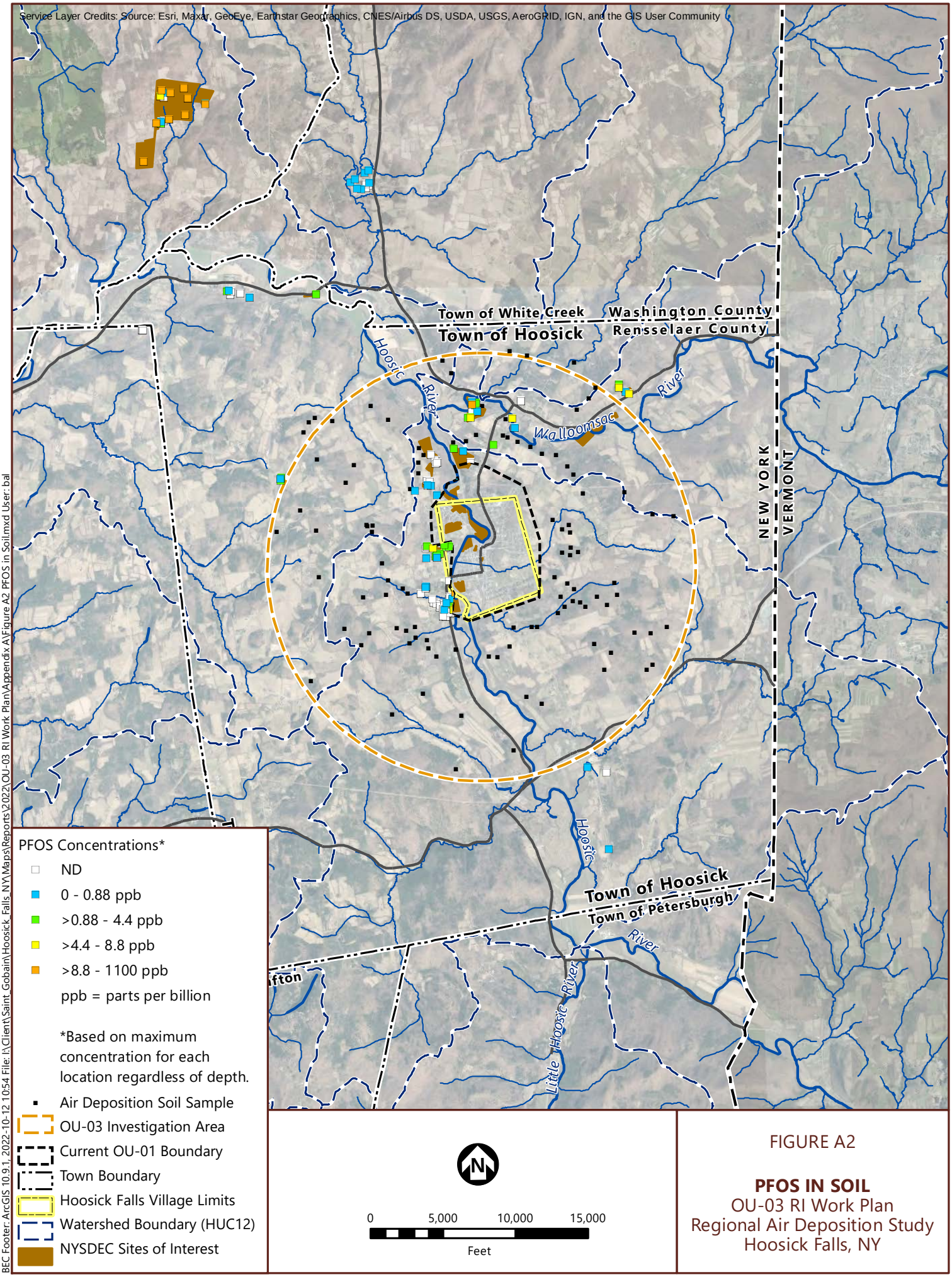


FIGURE A2

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

BEC Footer: ArcGIS 10.9.1, 2022-10-12 10:54 File: I:\Client\Saint-Gobain\Hoosick_Falls_NY\Maps\Reports\2022\OU-03 RI Work Plan\Appendix A\Figure A2 PFOS in Soil.mxd User: bal

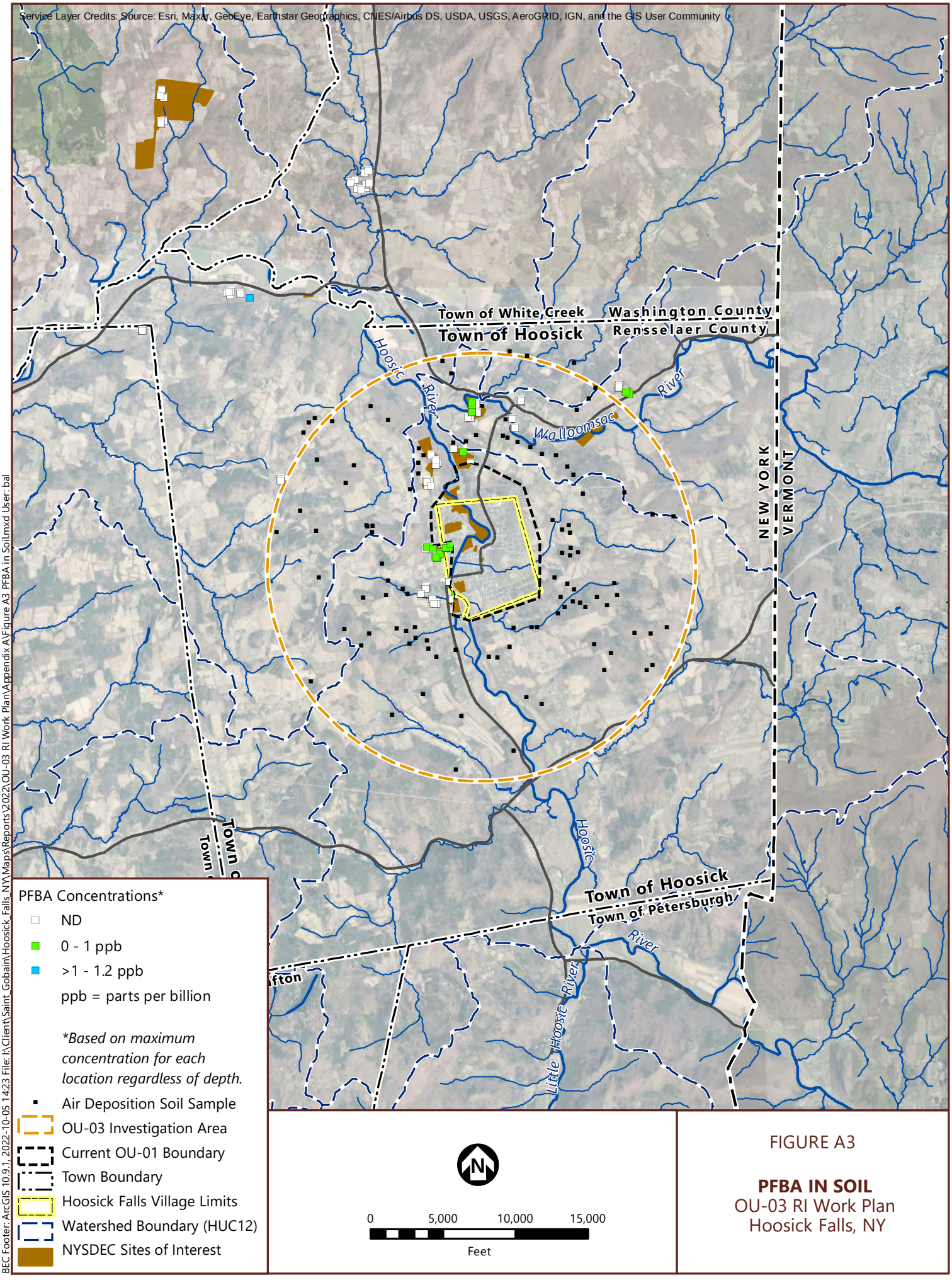
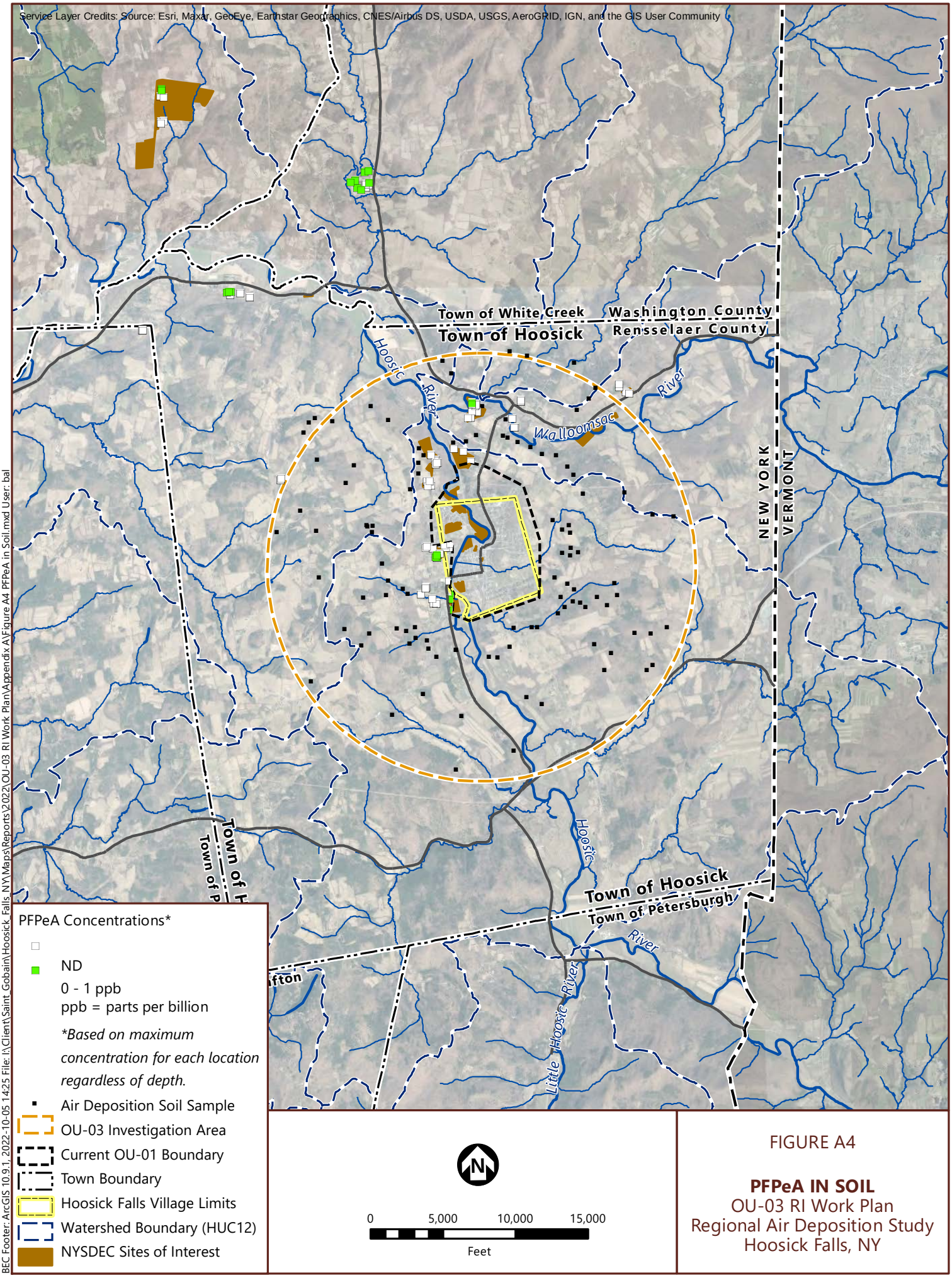


FIGURE A3

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

BEC Footer: ArcGIS 10.9.1, 2022-10-05 14:23 File: I:\Client\Saint_Gobain\Hoosick_Falls_NY\Maps\Reports\2022\OU-03 RI Work Plan\Appendix A\Figure A3 PFBA in Soil.mxd User: bal



BEC Footer: ArcGIS 10.9.1, 2022-10-05 14:25 File: I:\Client\Saint-Gobain\Hoosick_Falls_NY\Maps\Reports\2022\OU-03 RI Work Plan\Appendix A\Figure A4 PFPeA in Soil.mxd User: bal

FIGURE A4

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

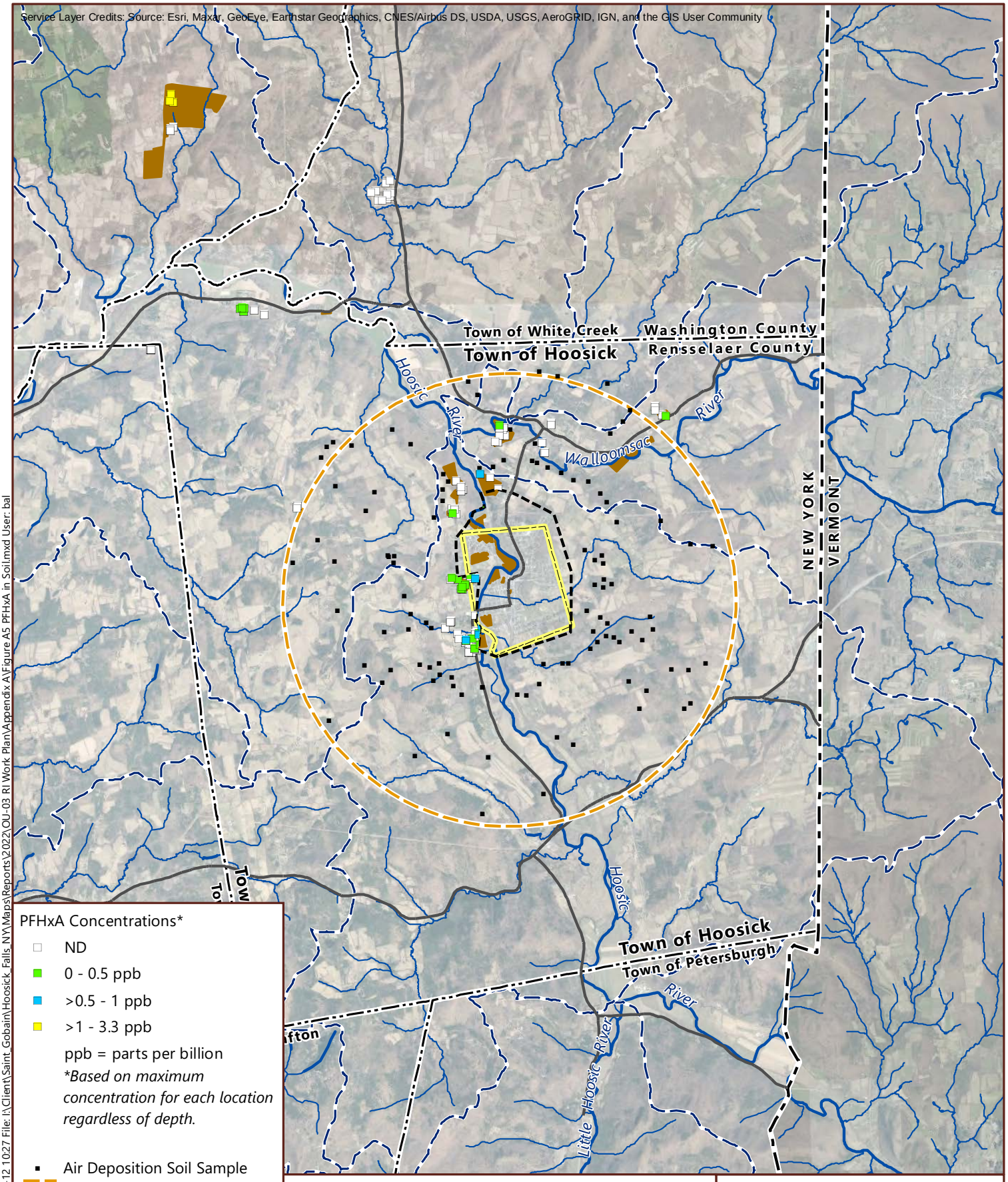


FIGURE A5

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

BEC Footer: ArcGIS 10.9.1, 2022-10-12 10:27 File: I:\Client\Saint-Gobain\Hoosick_Falls_NY\Maps\Reports\2022\OU-03 RI Work Plan\Appendix A\Figure A5 PFHxA in Soil.mxd User: bal

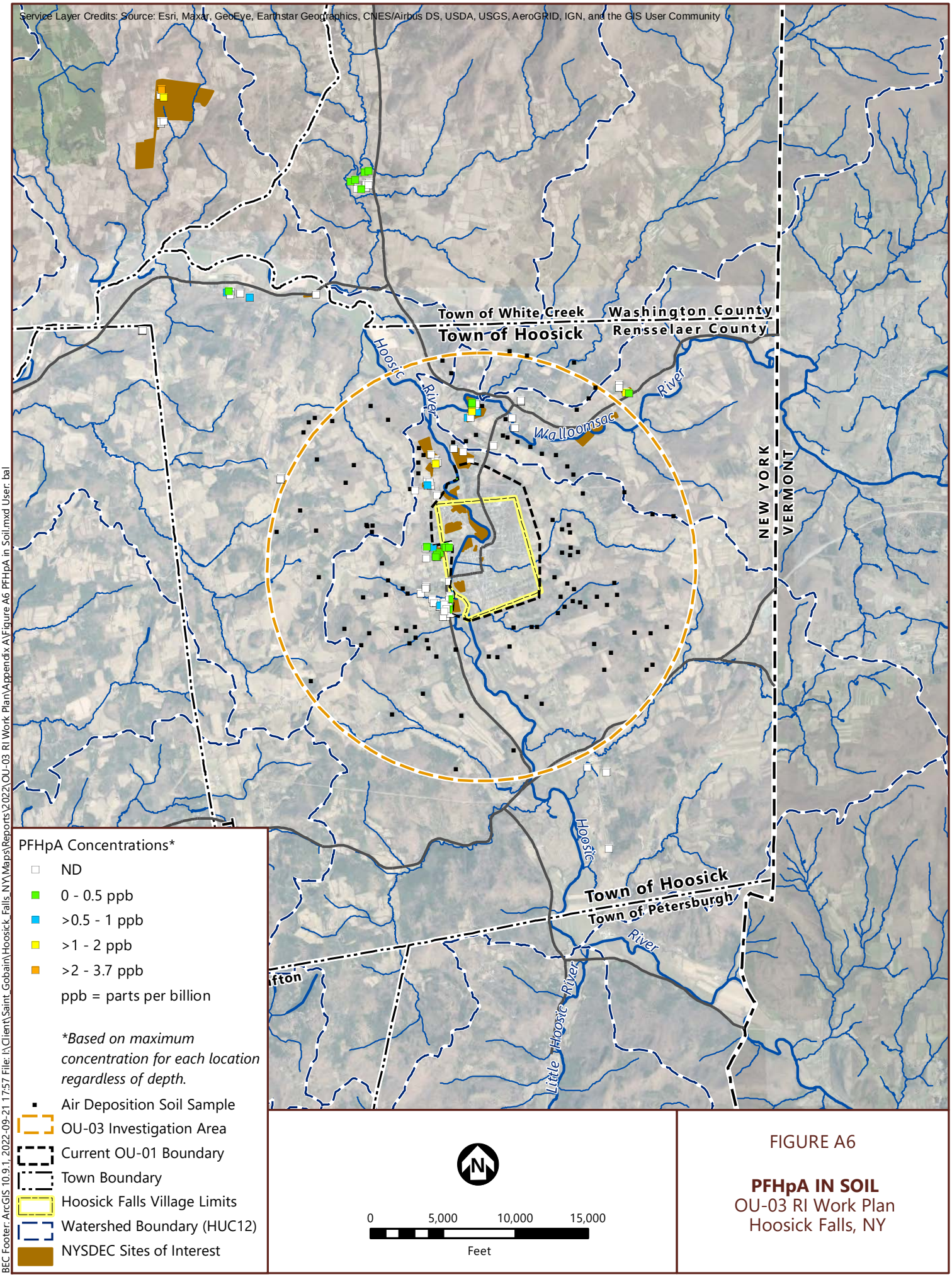


FIGURE A6

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

BEC Footer: ArcGIS 10.9.1, 2022-09-21 17:57 File: I:\Client\Saint-Gobain\Hoosick_Falls_NY\Maps\Reports\2022\OU-03 RI Work Plan\Appendix A\Figure A6 PFHpA in Soil.mxd User: bal

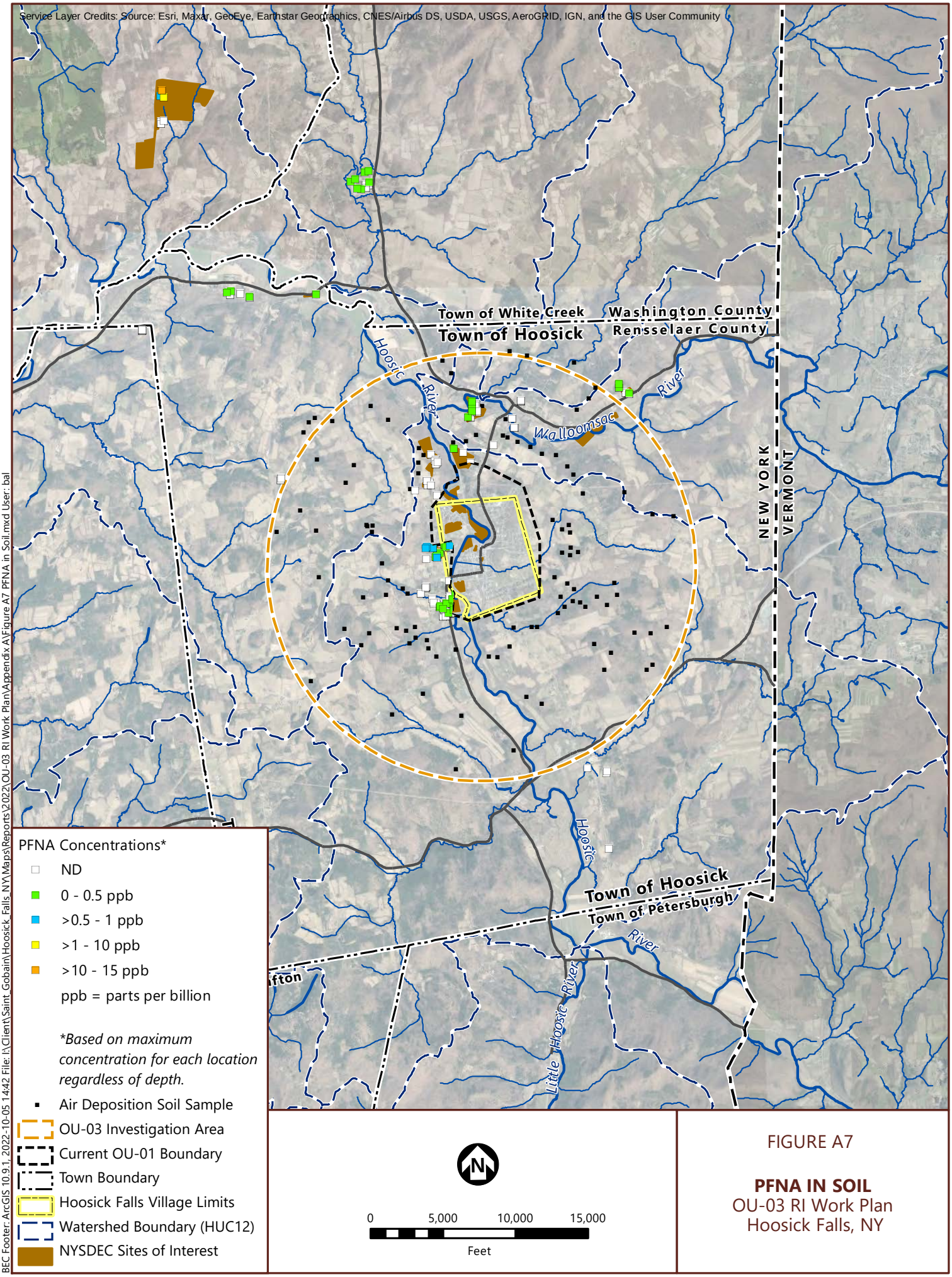


FIGURE A7

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

BEC Footer: ArcGIS 10.9.1, 2022-10-05 14:42 File: I:\Client\Saint-Gobain\Hoosick_Falls_NY\Maps\Reports\2022\OU-03 RI Work Plan\Appendix A\Figure A7 PFNA in Soil.mxd User: bal

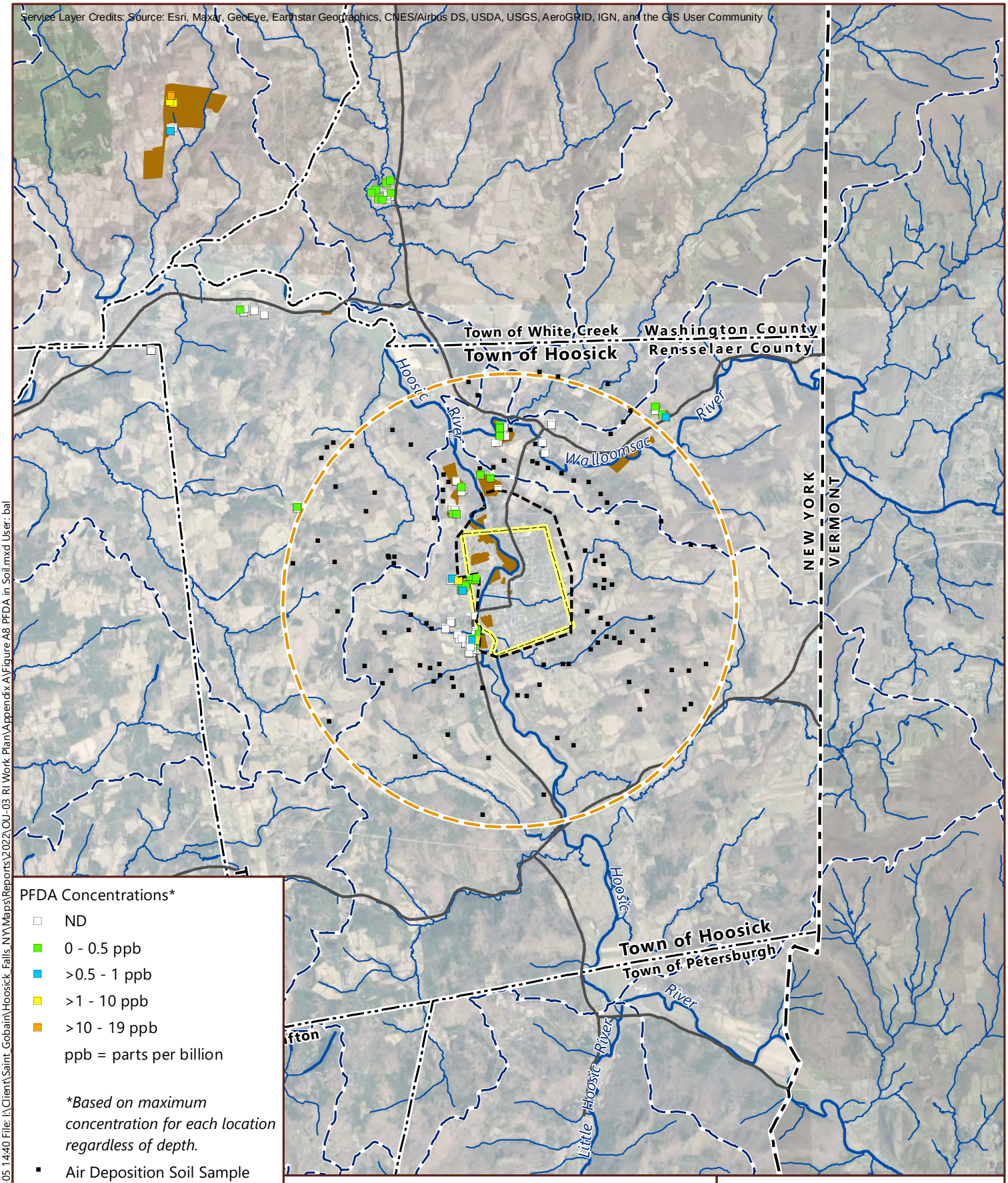


FIGURE A8

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

BEC Footer: ArcGIS 10.9.1, 2022-10-05 14:40 File: I:\Client\Saint-Gobain\Hoosick_Falls_NY\Maps\Reports\2022\OU-03 RI Work Plan\Appendix A\Figure A8 PFDA in Soil.mxd User: bal

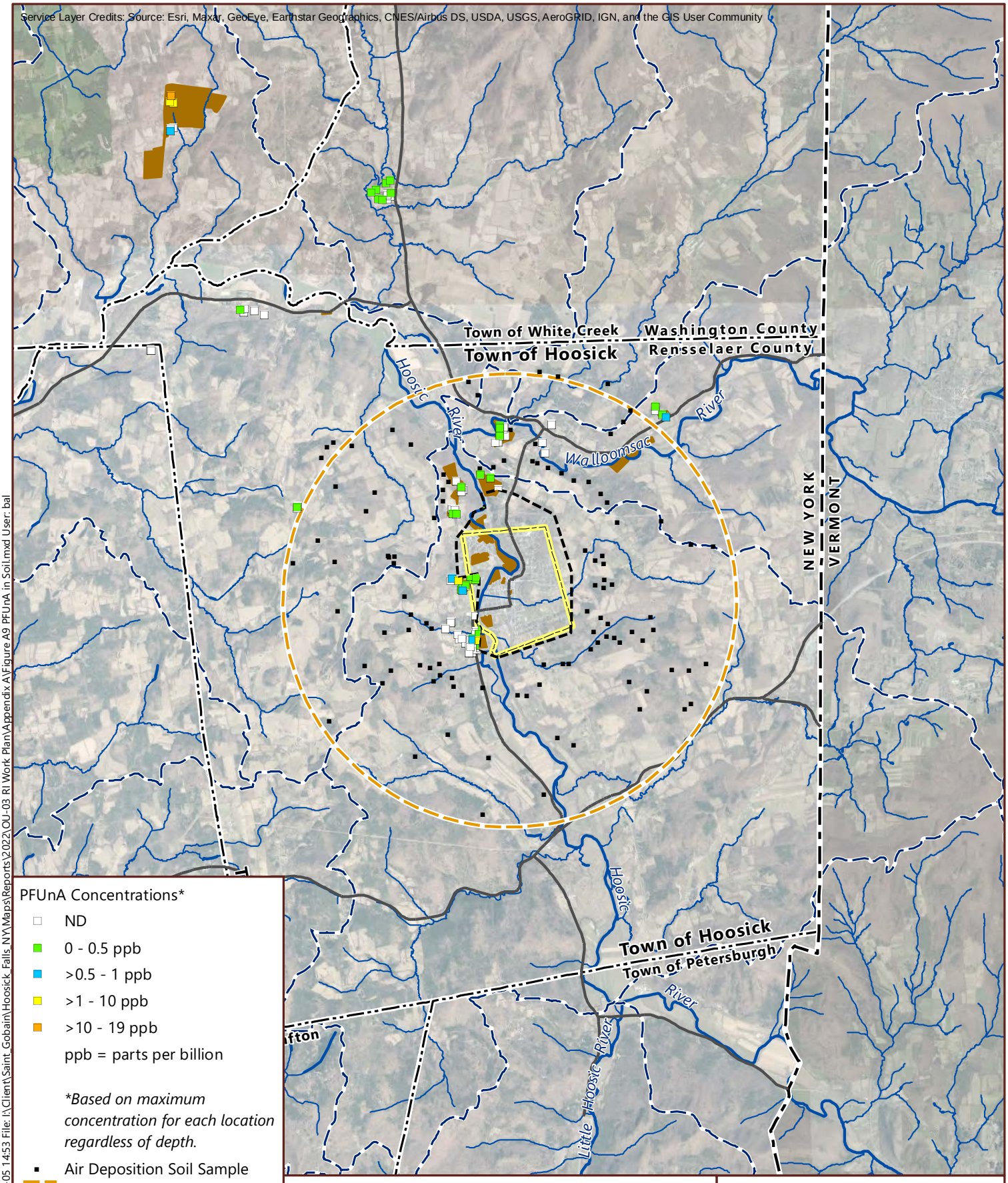


FIGURE A9

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

BEC Footer: ArcGIS 10.9.1, 2022-10-05 14:53 File: I:\Client\Saint-Gobain\Hoosick_Falls_NY\Maps\Reports\2022\OU-03 RI Work Plan\Appendix A\Figure A9 PFUnA in Soil.mxd User: bal

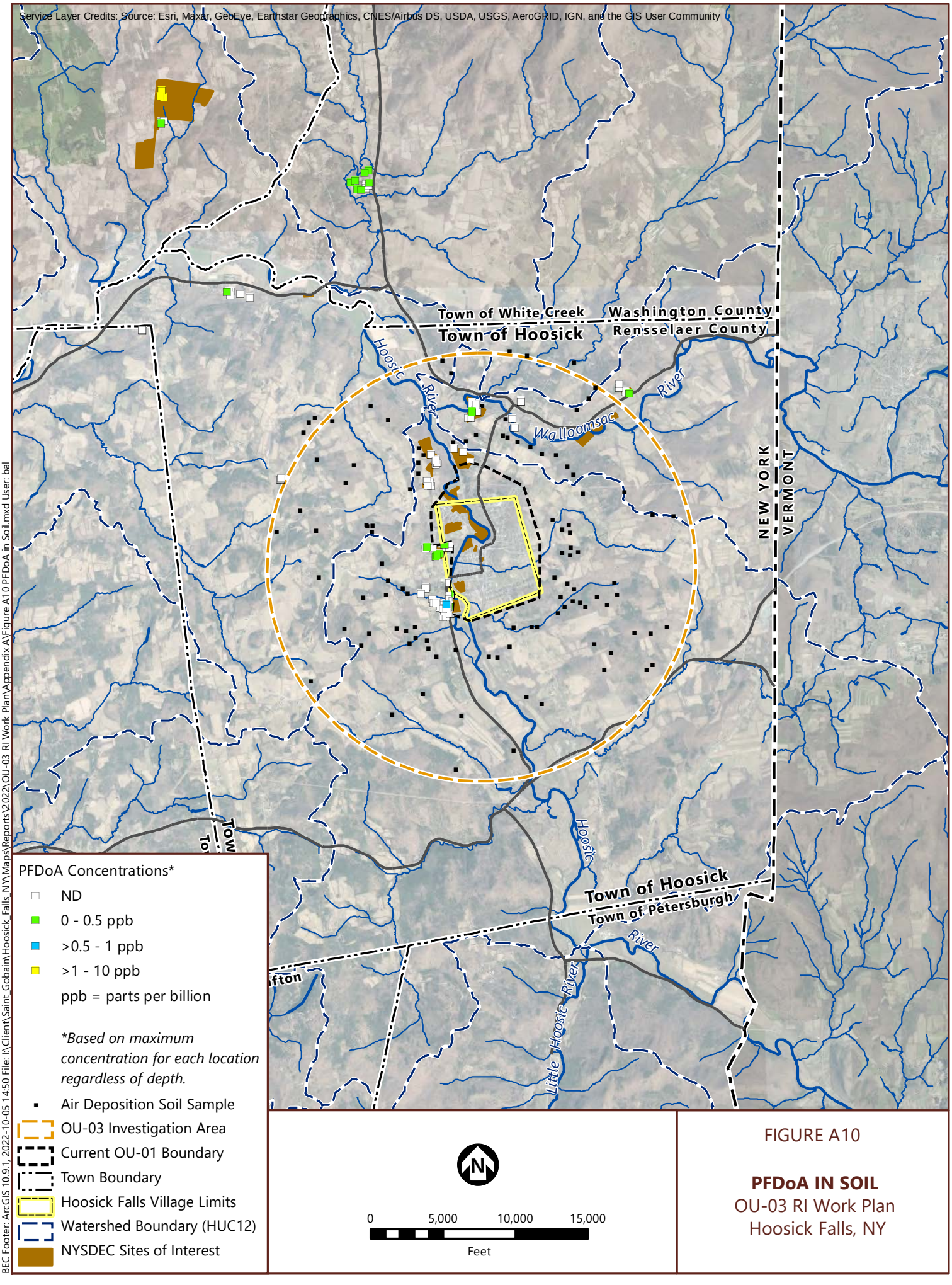


FIGURE A10

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

BEC Footer: ArcGIS 10.9.1, 2022-10-05 14:50 File: I:\Client\Saint-Gobain\Hoosick_Falls_NY\Maps\Reports\2022\OU-03 RI Work Plan\Appendix A\Figure A10 PFDoA in Soil.mxd User: bal

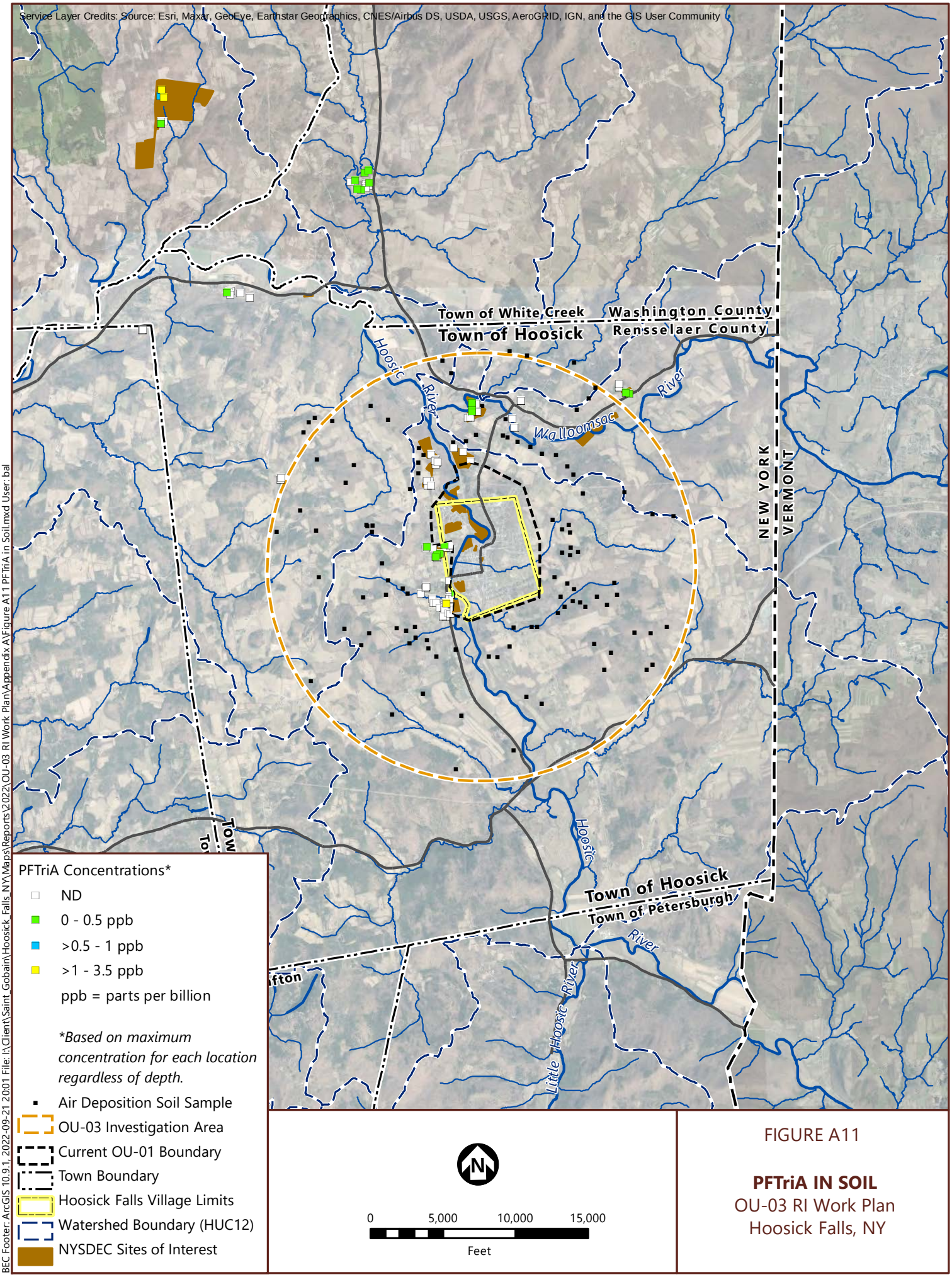


FIGURE A11

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

BEC Footer: ArcGIS 10.9.1, 2022-09-21 20:01 File: I:\Client\Saint-Gobain\Hoosick_Falls_NY\Maps\Reports\2022\OU-03 RI Work Plan\Appendix A\Figure A11 PFTriA in Soil.mxd User: bal

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

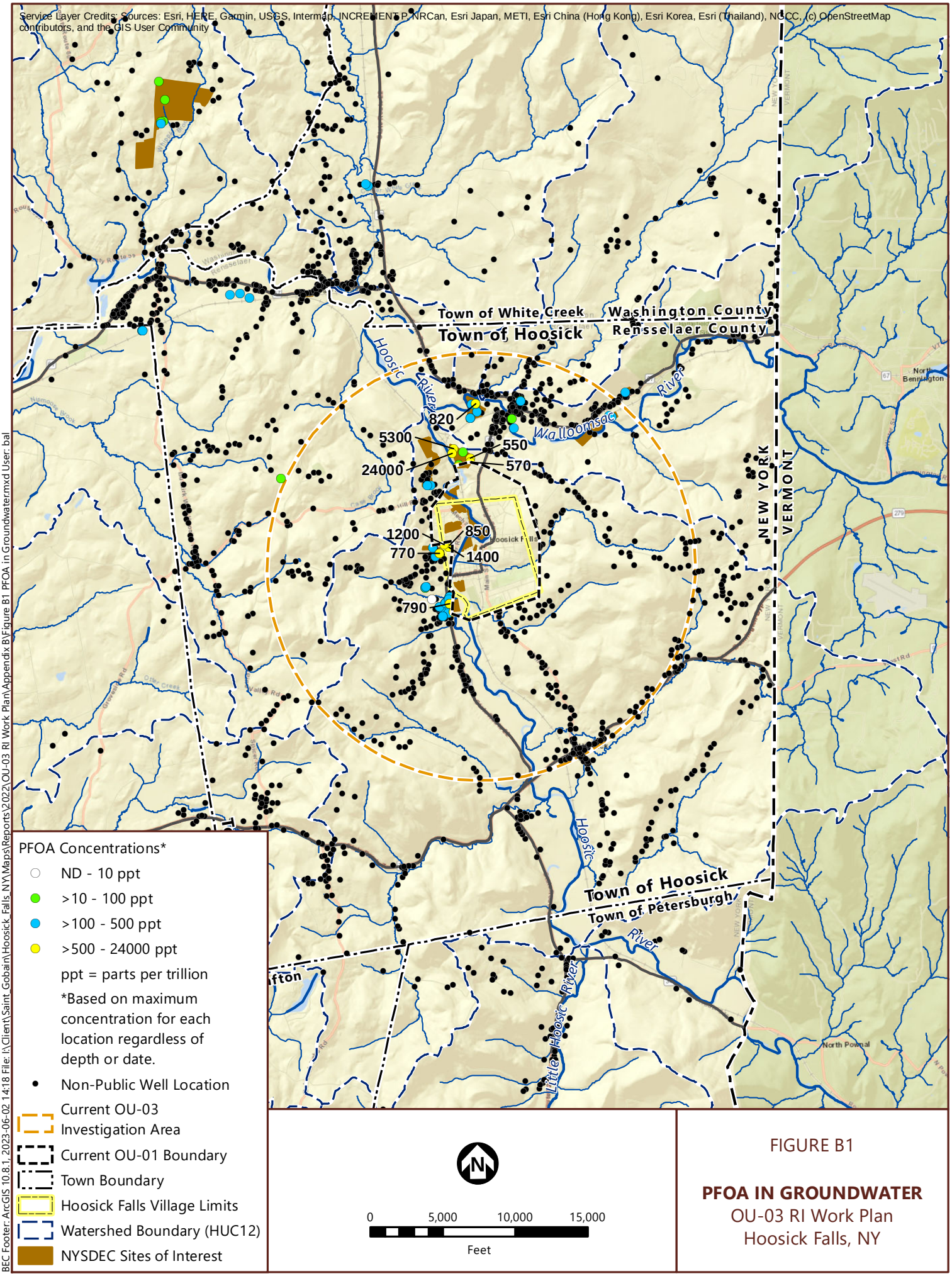


FIGURE B1

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

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

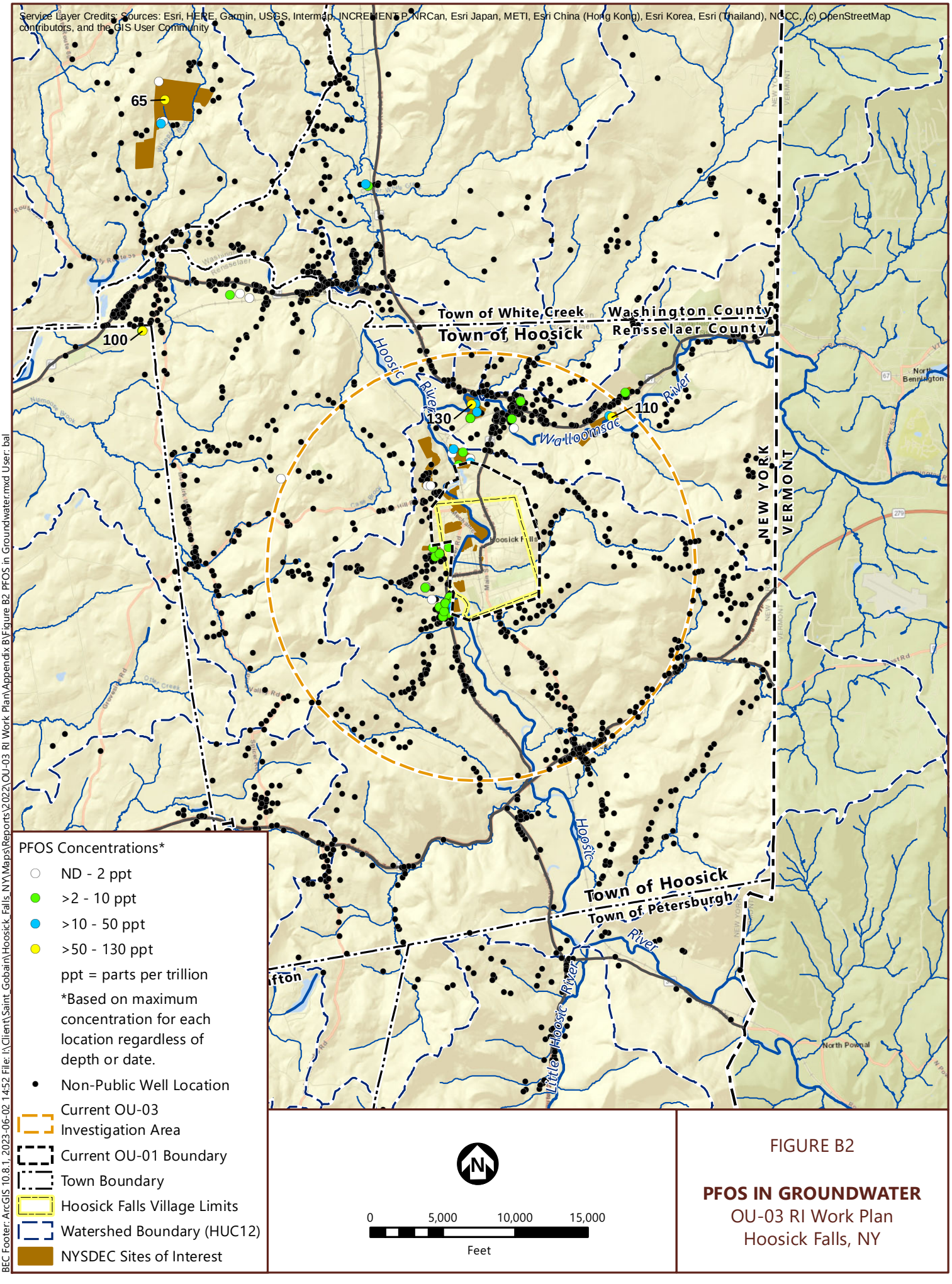


FIGURE B2

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

BEC Footer: ArcGIS 10.8.1, 2023-06-02 14:52 File: I:\Client\Saint_Gobain\Hoosick_Falls_NY\Maps\Reports\2022\OU-03 RI Work Plan\Appendix B\Figure B2_PFOS in Groundwater.mxd User: bal

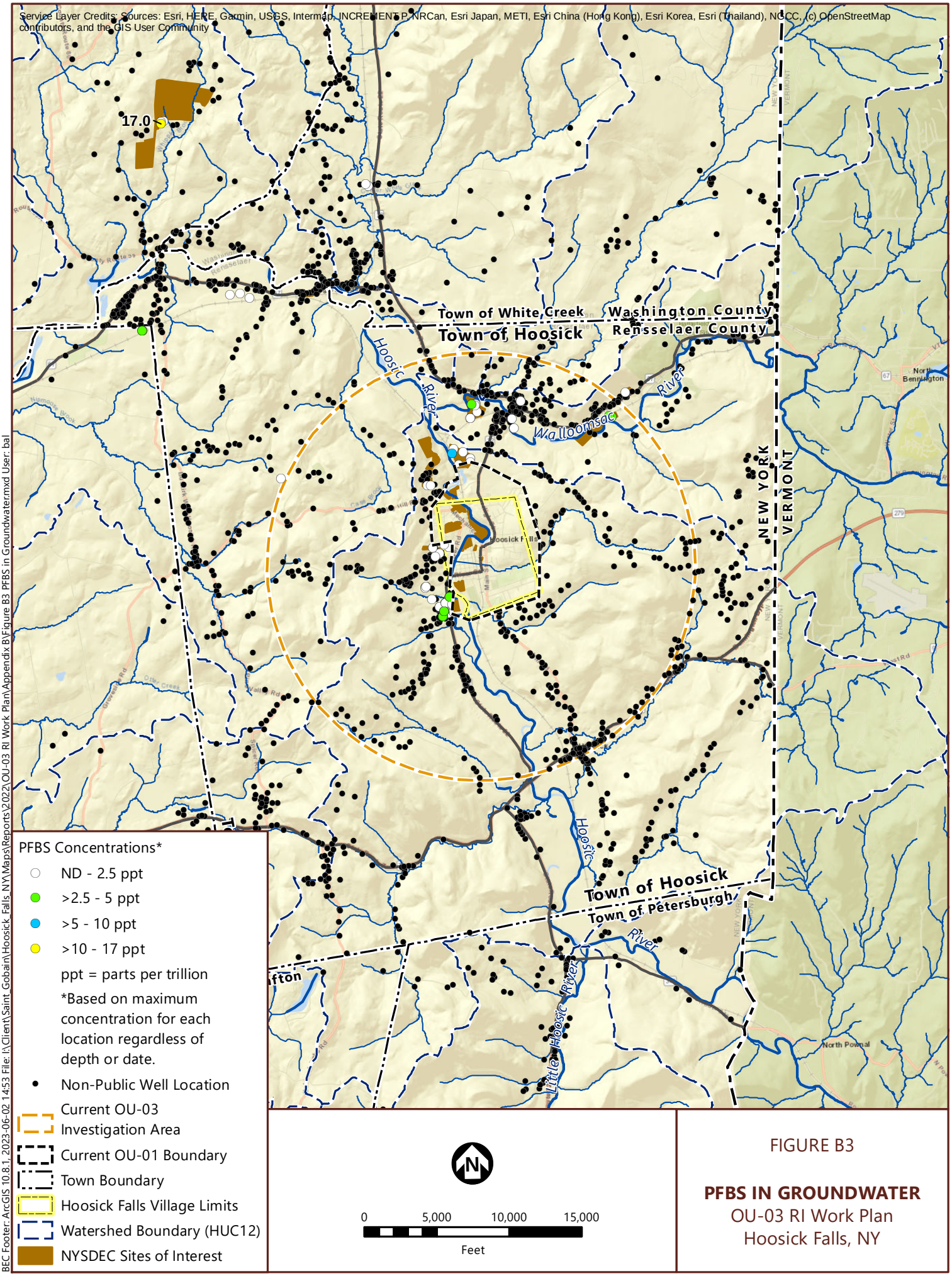


FIGURE B3

PFBS IN GROUNDWATER

OU-03 RI Work Plan

Hoosick Falls, NY

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

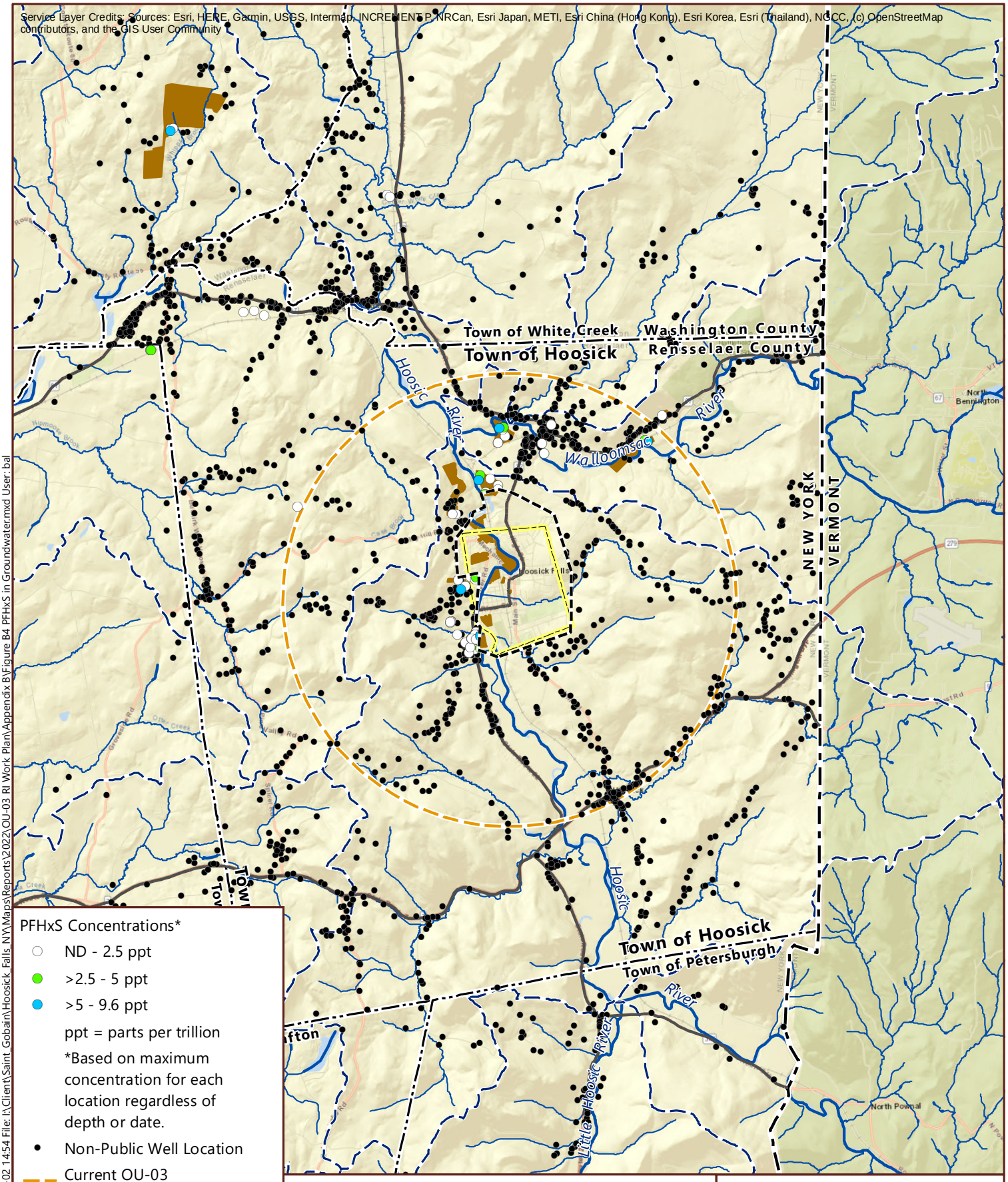


FIGURE B4

PFHxS IN GROUNDWATER

OU-03 RI Work Plan

Hoosick Falls, NY

BEC Footer: ArcGIS 10.8.1, 2023-06-02 14:54 File: I:\Client\Saint_Gobain\Hoosick_Falls_NY\Maps\Reports\2022\OU-03 RI Work Plan\Appendix B\Figure B4 PFHxS in Groundwater.mxd User: bal

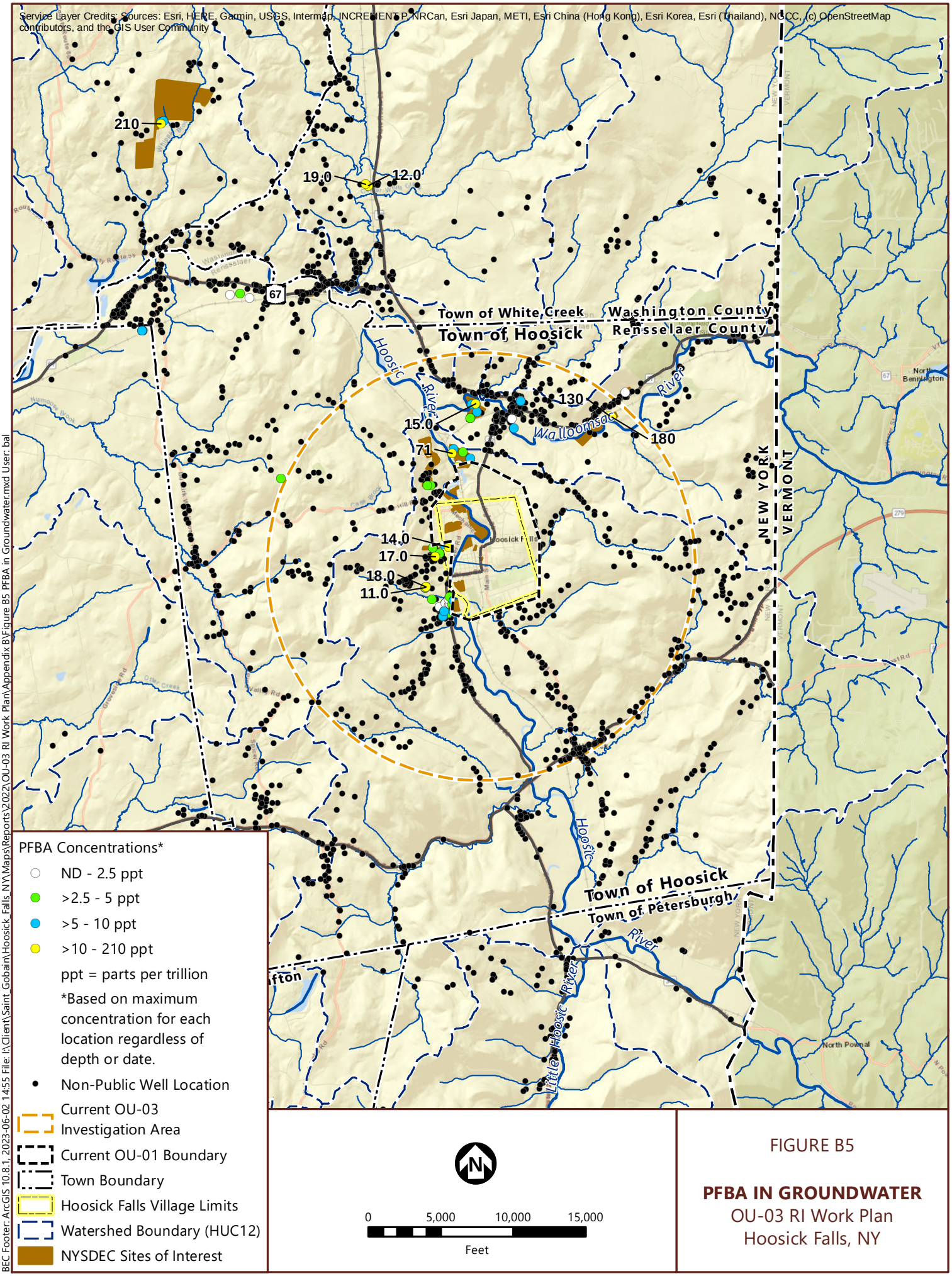


FIGURE B5

PFBA IN GROUNDWATER

OU-03 RI Work Plan

Hoosick Falls, NY

BEC Footer: ArcGIS 10.8.1, 2023-06-02 14:55 File: I:\Client\Saint_Gobain\Hoosick_Falls_NY\Maps\Reports\2022\OU-03 RI Work Plan\Appendix B\Figure B5 PFBA in Groundwater.mxd User: bal

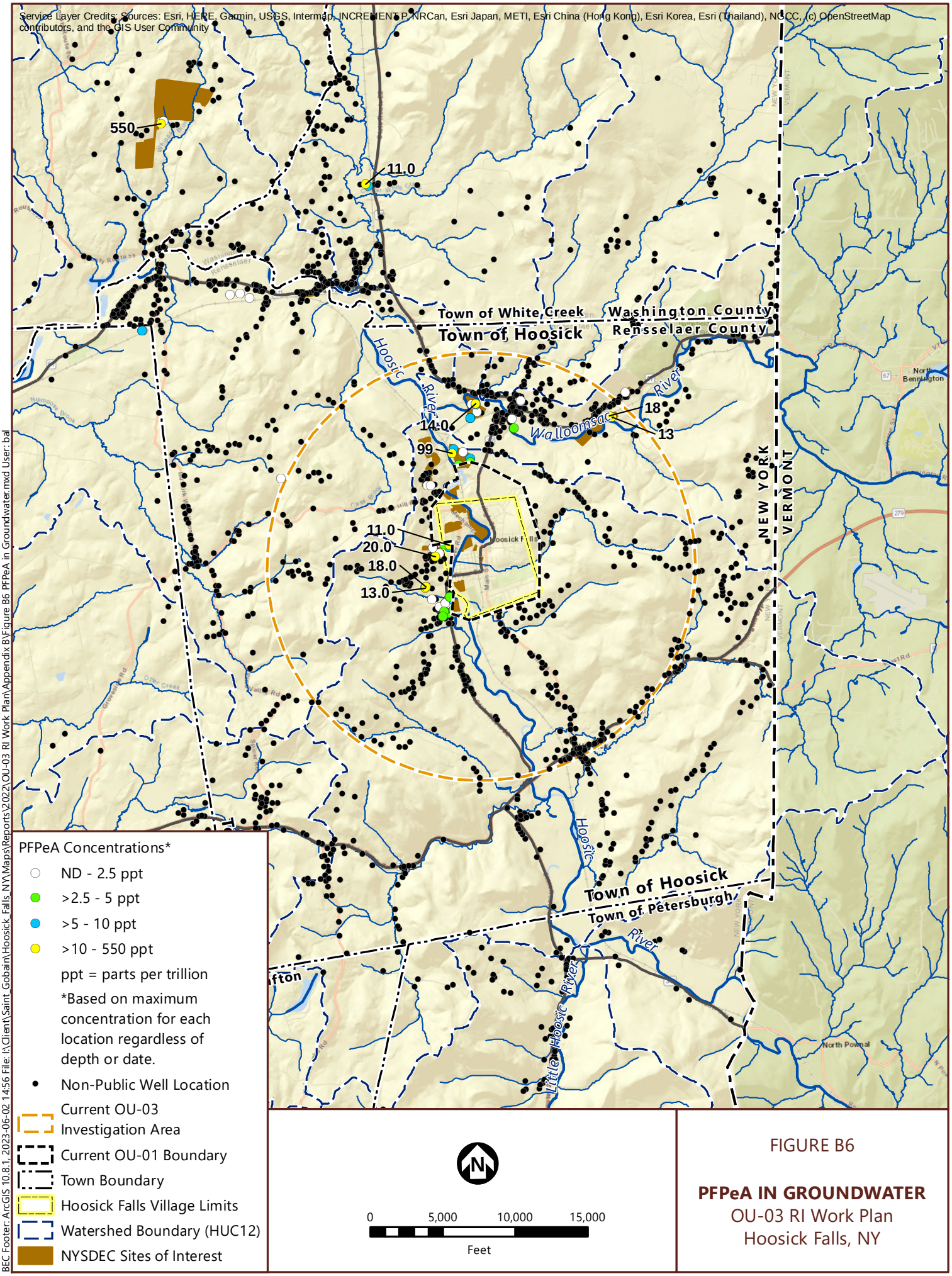


FIGURE B6

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

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

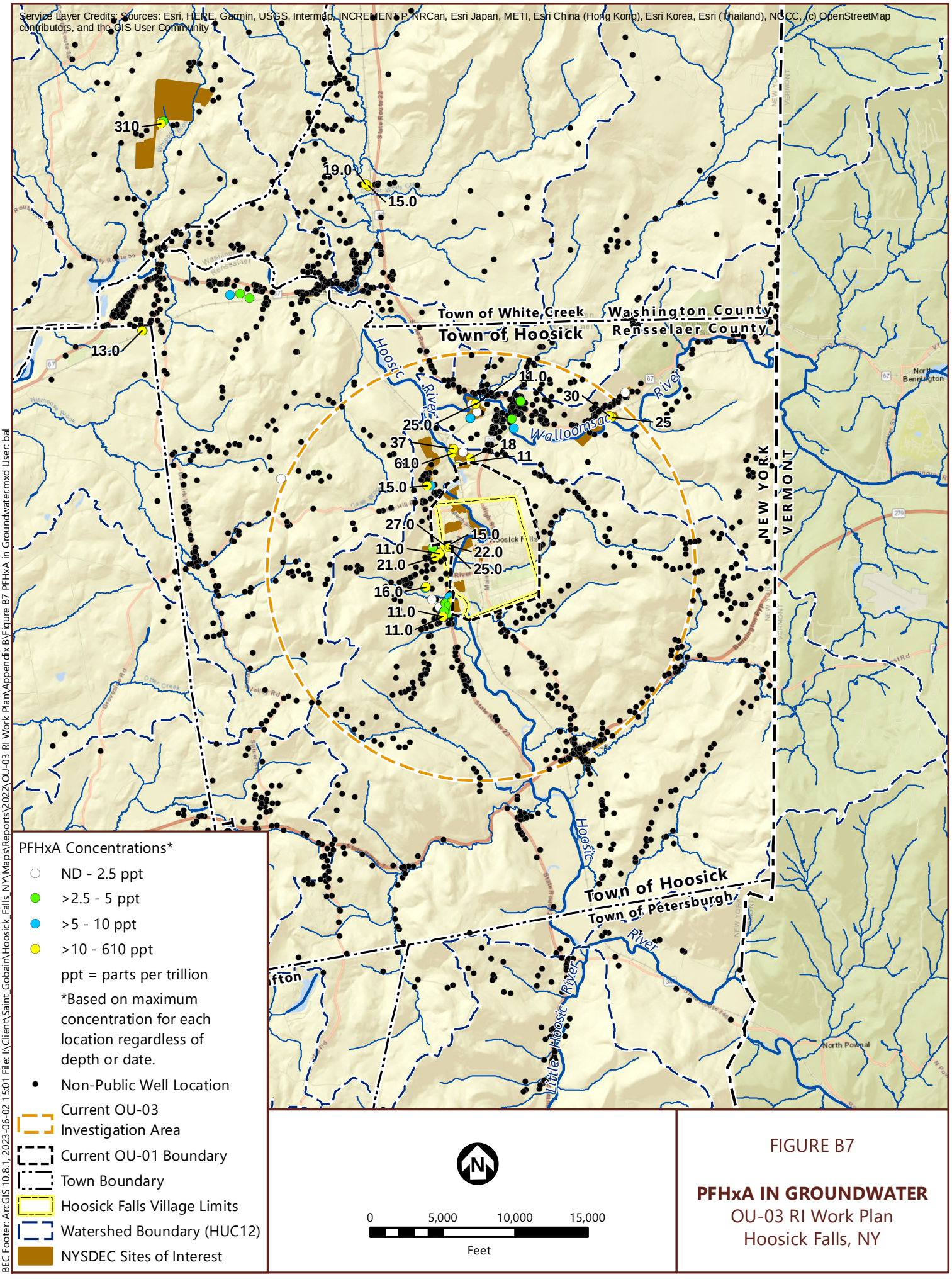


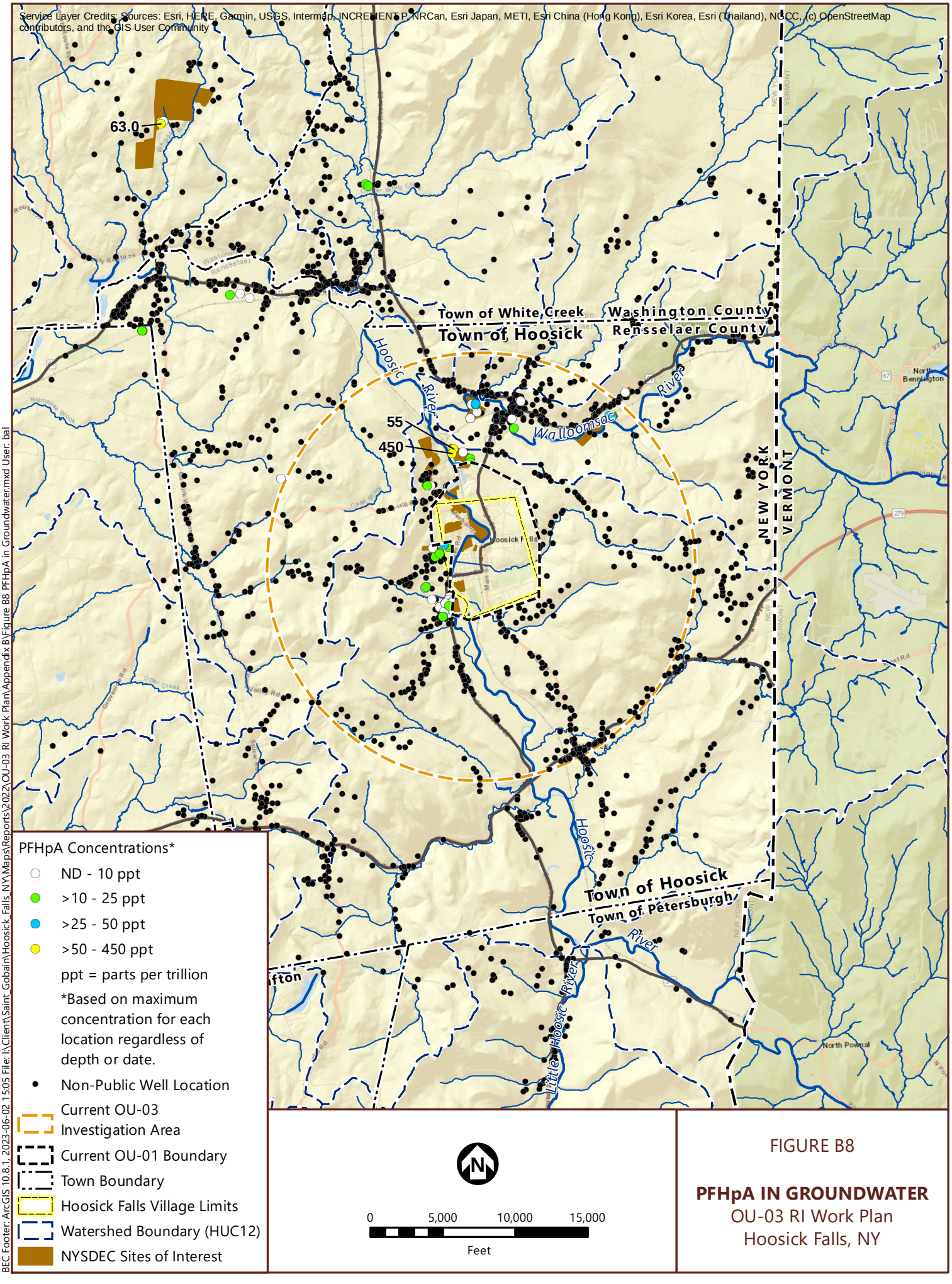
FIGURE B7

PFHxA IN GROUNDWATER

OU-03 RI Work Plan

Hoosick Falls, NY

BEC Footer: ArcGIS 10.8.1, 2023-06-02 15:01 File: I:\Client\Saint-Gobain\Hoosick_Falls_NY\Maps\Reports\2022\OU-03 RI Work Plan\Appendix B\Figure B7 PFHxA in Groundwater.mxd User: bal



BEC Footer: ArcGIS 10.8.1, 2023-06-02 15:05 File: I:\Client\Saint_Gobain\Hoosick_Falls_NY\Maps\Reports\2022\OU-03 RI Work Plan\Appendix B\Figure B8 PFHpA in Groundwater.mxd User: bal

FIGURE B8

PFHpA IN GROUNDWATER

OU-03 RI Work Plan

Hoosick Falls, NY

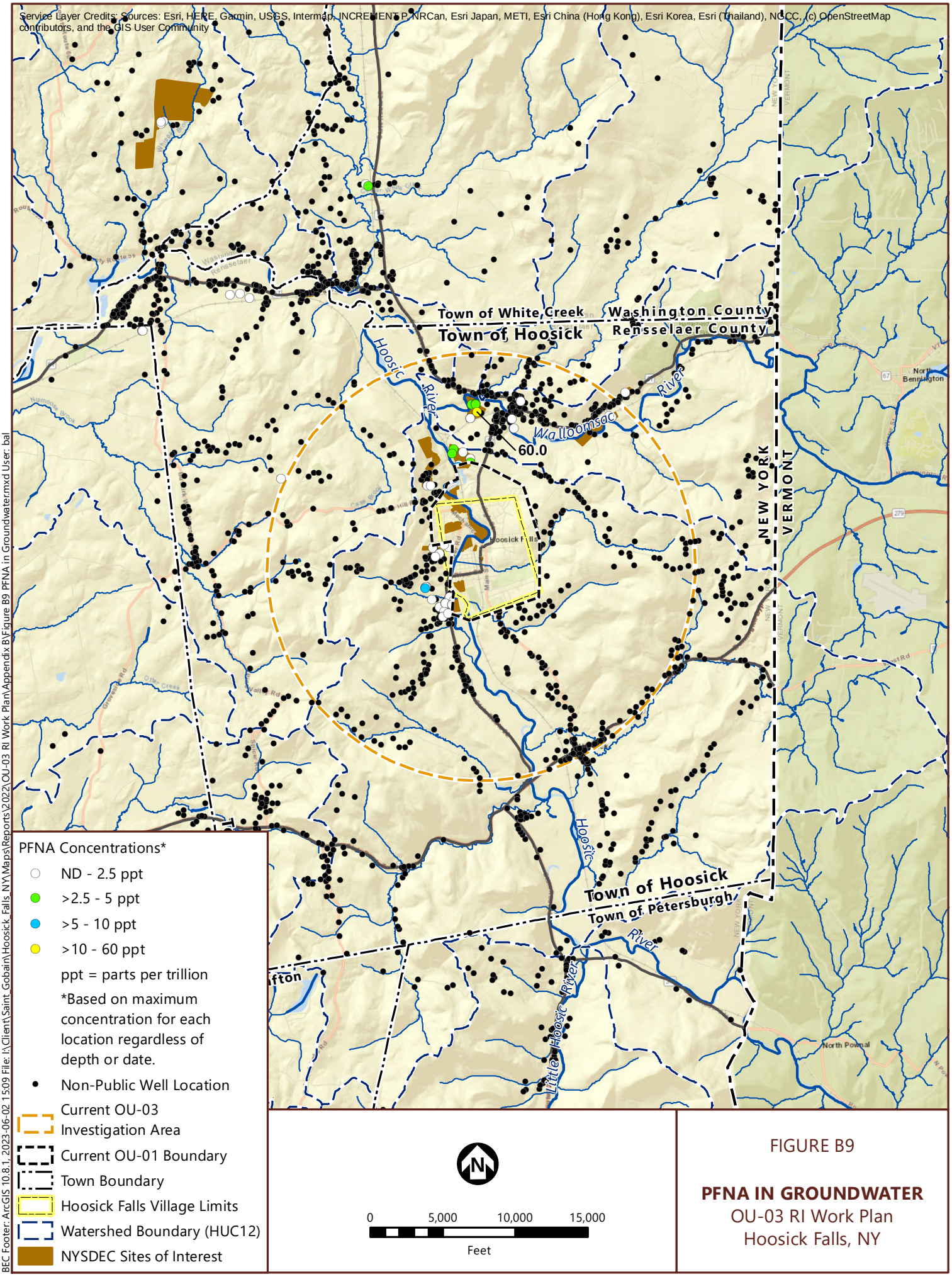


FIGURE B9

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

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

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

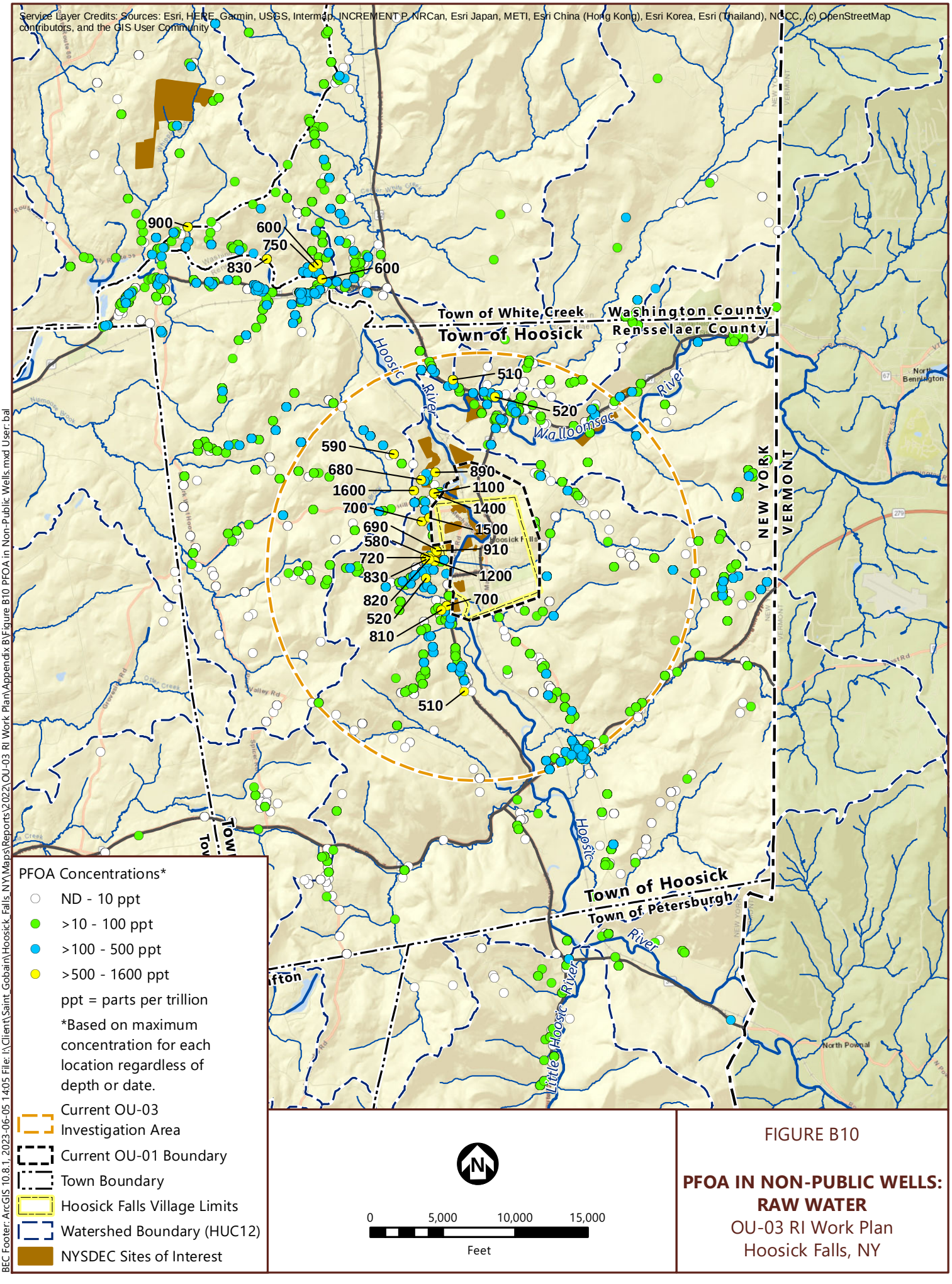
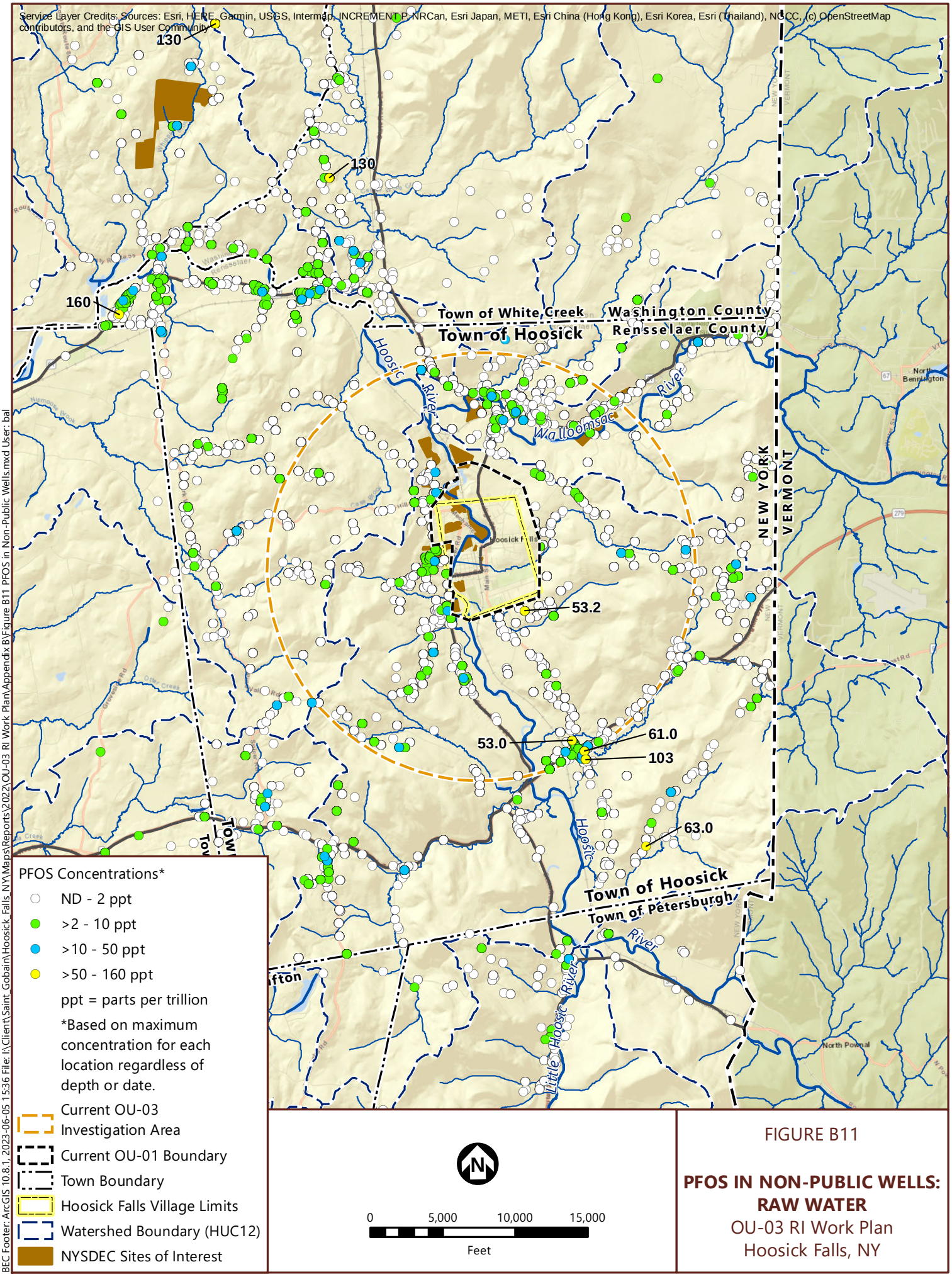


FIGURE B10

PFOA IN NON-PUBLIC WELLS: RAW WATER

OU-03 RI Work Plan
Hoosick Falls, NY

BEC Footer: ArcGIS 10.8.1, 2023-06-05 1405 File: I:\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


Service Layer Credits: Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community
130
130
160
Town of White Creek
Washington County
Town of Hoosick
Rensselaer County
Hoosic River
Walloomsac River
NEW YORK
VERMONT
53.2
53.0
61.0
103
63.0
Town of Hoosick
Town of Petersburgh
Hoosic River
Little Hoosic River
North Pownal
PFOS Concentrations*
ND - 2 ppt
>2 - 10 ppt
>10 - 50 ppt
>50 - 160 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
N
0
5,000
10,000
15,000
Feet
FIGURE B11
PFOS IN NON-PUBLIC WELLS: RAW WATER
OU-03 RI Work Plan
Hoosick Falls, NY
BEC Footer: ArcGIS 10.8.1, 2023-06-05 15:36 File: I:\Client\Saint-Gobain\Hoosick_Falls_NY\Maps\Reports\2022\OU-03 RI Work Plan\Appendix B\Figure B11 PFOS in Non-Public Wells.mxd User: bal

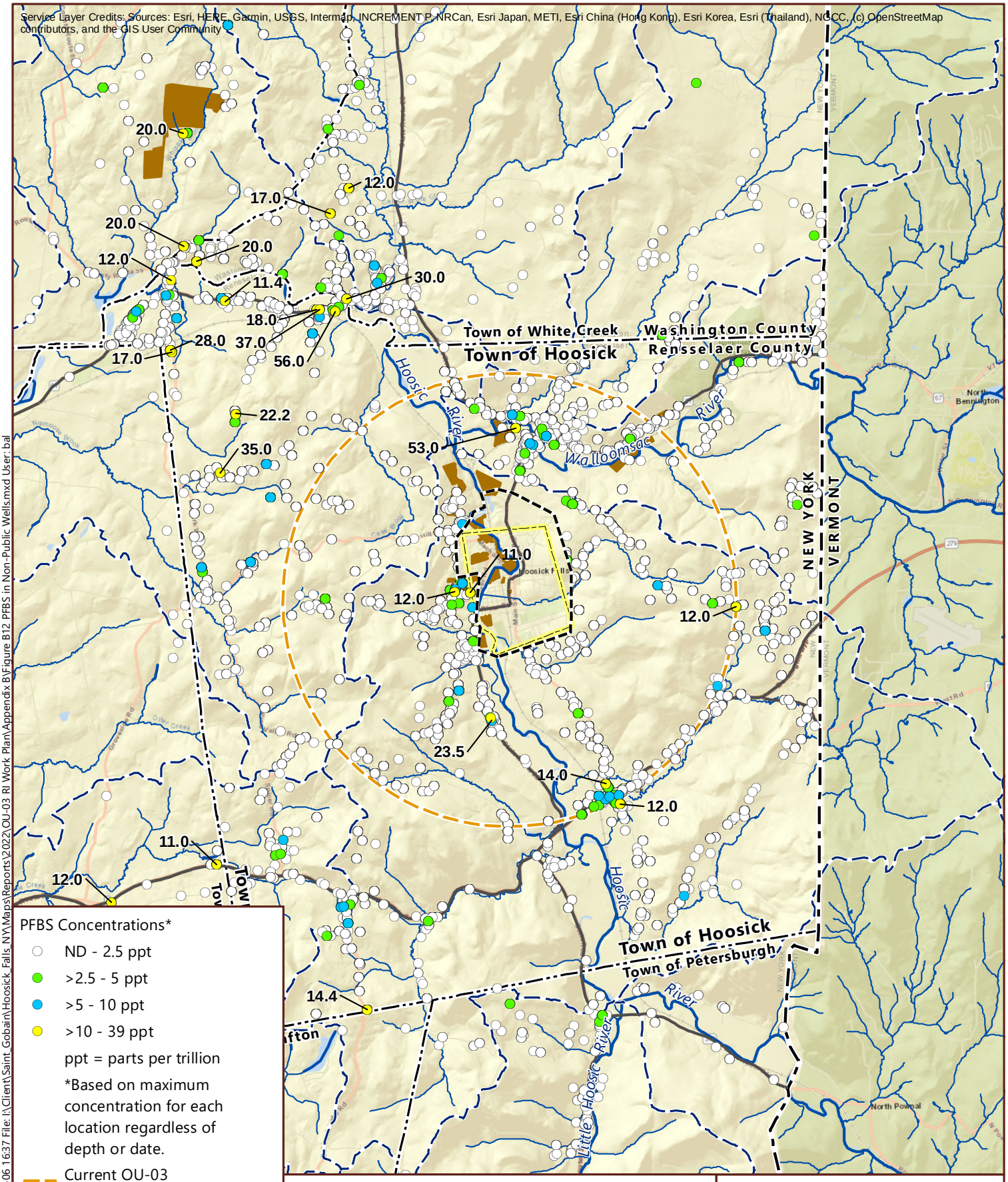


FIGURE B12

PFBS IN NON-PUBLIC WELLS: RAW WATER

OU-03 RI Work Plan
Hoosick Falls, NY

BEC Footer: ArcGIS 10.8.1, 2023-06-06 16:37 File: I:\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

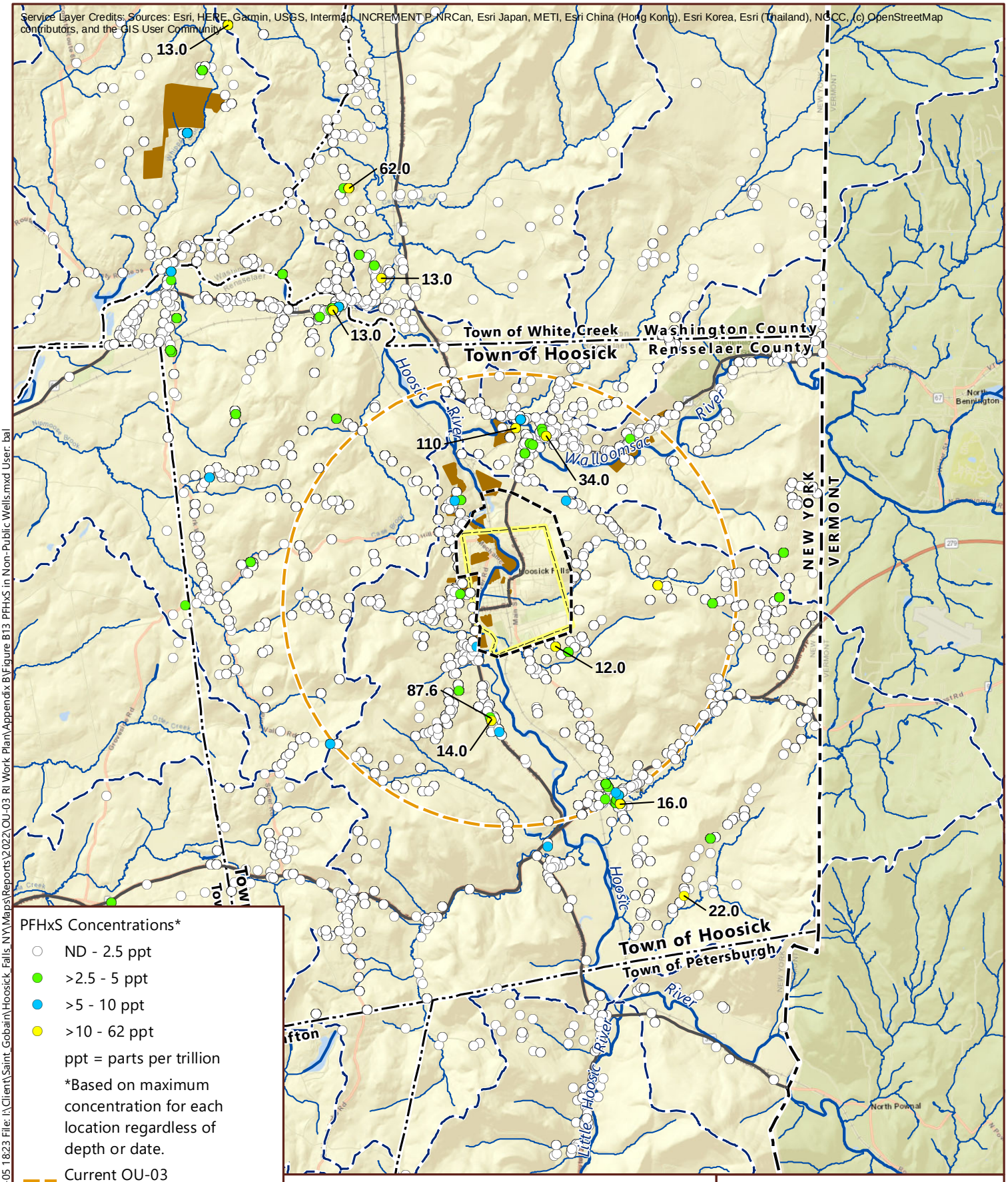


FIGURE B13

PFHxS IN NON-PUBLIC WELLS: RAW WATER

OU-03 RI Work Plan
Hoosick Falls, NY

BEC Footer: ArcGIS 10.8.1, 2023-06-05 18:23 File: I:\Client\Saint-Gobain\Hoosick_Falls_NY\Maps\Reports\2022\OU-03 RI Work Plan\Appendix B\Figure B13 PFHxS in Non-Public Wells.mxd User: bal

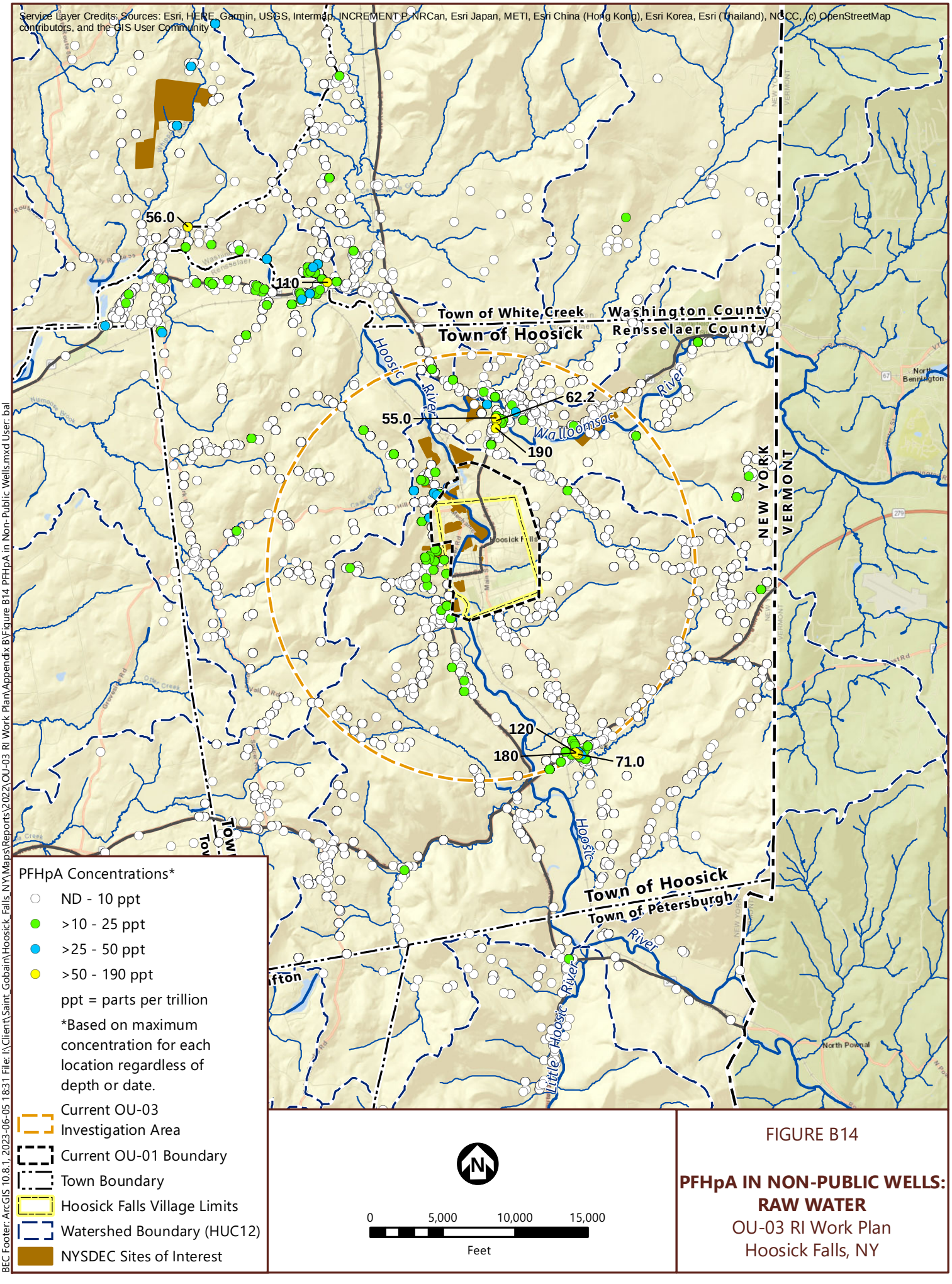


FIGURE B14

PFHpA IN NON-PUBLIC WELLS: RAW WATER

OU-03 RI Work Plan

Hoosick Falls, NY

BEC Footer: ArcGIS 10.8.1, 2023-06-05 18:31 File: I:\Client\Saint-Gobain\Hoosick_Falls_NY\Maps\Reports\2022\OU-03 RI Work Plan\Appendix B\Figure B14 PFHpA in Non-Public Wells.mxd User: bal

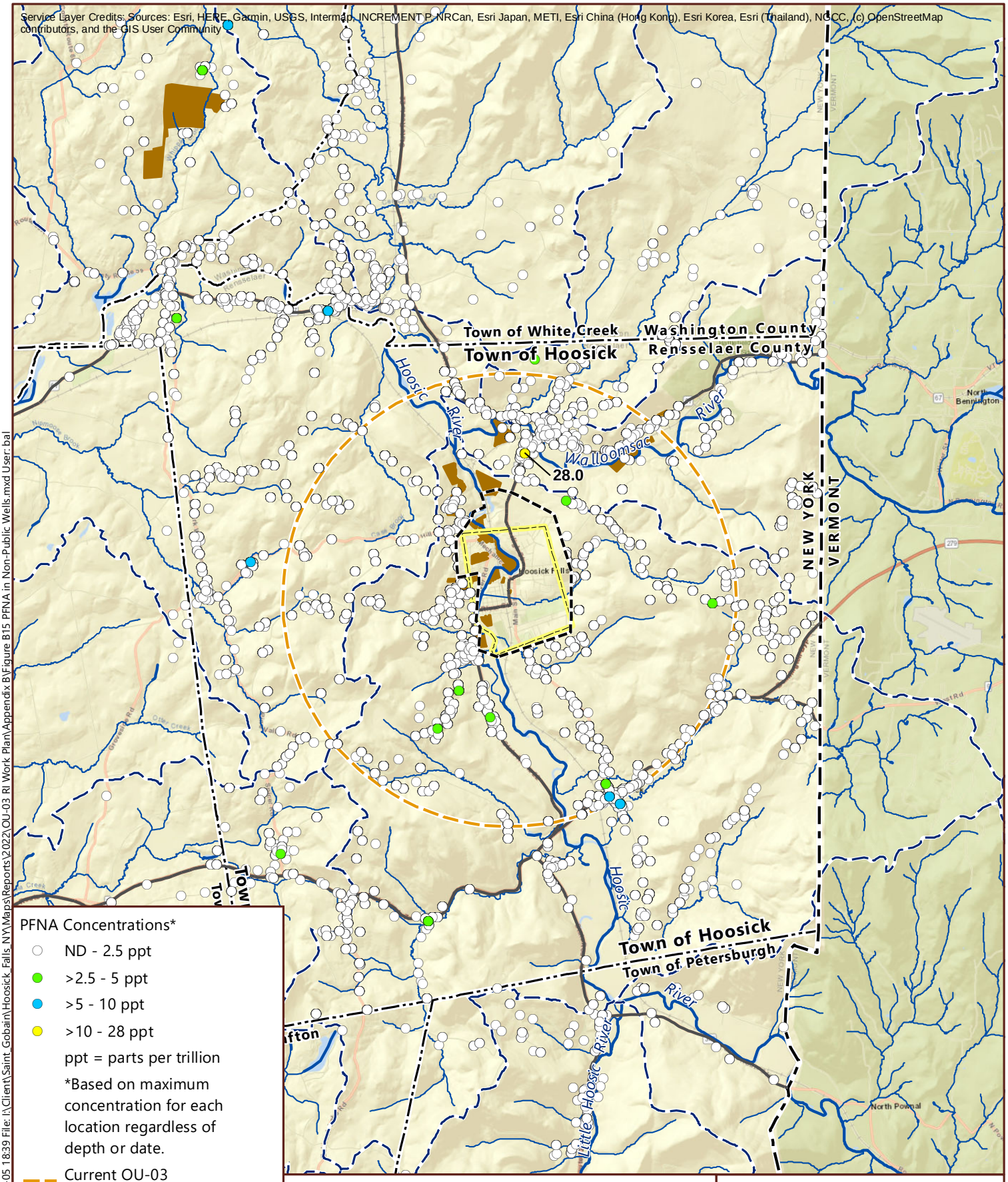


FIGURE B15

PFNA IN NON-PUBLIC WELLS: RAW WATER

OU-03 RI Work Plan
Hoosick Falls, NY

BEC Footer: ArcGIS 10.8.1, 2023-06-05 18:39 File: I:\Client\Saint-Gobain\Hoosick_Falls_NY\Maps\Reports\2022\OU-03 RI Work Plan\Appendix B\Figure B15 PFNA in Non-Public Wells.mxd User: bal

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

BEC Footer: ArcGIS 10.8.1, 2022-06-20 15:03 File: I:\Client\Saint_Gobain\Hoosick_Falls_NY\Maps\Reports\2022\Regional Sediment and Surface Water\Data Summary Memo\Figure 1 Study Area Location Map.mxd User: bal

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

Owl Kill

Little White Creek

Hoosic River

Little White Creek

Former Schmigel Property

Walloomsac River

Former Columbia Corporation

Landfill

Nipmoose Brook-Hoosic River

Waste Water Treatment Plant

Interface Solutions Inc.

Mechanic Street Site

Liberty Street Site

1st Street Site

John Street Site

Former Dodge Machine Company

McCaffrey Street Site

River Road Site

Browns Brook-Hoosic River

Sunkauissia Creek

NYSDEC Remedial Site

Current OU-01 Boundary

Subwatershed Boundary (HUC12)

Wetland

0 1,500 3,000 4,500

Feet

BEC Engineering and Geology, P.C.

FIGURE 1

STUDY AREA LOCATION MAP

Regional Sediment and Surface Water Data Summary Memo

Hoosick Falls, NY

BEC Footer: ArcGIS 10.8.1, 2022-06-20 15:18 File: I:\Client\Saint_Gobain\Hoosick_Falls_NY\Maps\Reports\2022\Regional Sediment and Surface Water\Data Summary Memo\Figure 2 Sampling Locations.mxd User: bal

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

Owl Kill

Little White Creek

Nipmoose Brook-Hoosic River

Walloomsac River

Browns Brook-Hoosic River

Sunkauissia Creek

HF1-N07-SW

HF1-NE13-SW

HF1-N08-SW

HF1-NW06-SW

HF1-NW21-SW

HF1-W09-SW

HF1-HR2

HF1-E20-SW

HF1-E19-SW

HF1-WB1

HF1-UBW4

HF1-SE03-SW

HF1-W14-SW

HF1-UBE1

HF1-SE14-SW

HF1-UBW3

HF1-SW02-SW

HF1-UBW2

HF1-SW12-SW

HF1-UBE3

HF1-BB1

HF1-HR1

HF1-UBW1

Former Schmigel Property

Former Columbia Corporation

Landfill

Waste Water Treatment Plant

Interface Solutions Inc.

Mechanic Street Site

Liberty Street Site

1st Street Site

John Street Site

Former Dodge Machine Company

McCaffrey Street Site

River Road Site

Hoosick Falls

Hoosick Falls Country Club

Maple Grove Cemetery

Mountain View Cemetery

Bennington Battlefield St Hist Site

WASHINGTON

RENSSELAER

Vermont

Eagle Bridge

Eagle Bridge Rd

State Route 22

State Route 67

State Route 7

Hoosic River

Little White Creek

Walloomsac River

Case Brook

Tate Rd

Eagle Rd

New Rd

Harker Hollow Rd

Fog Hill Rd

Wilson Hill Rd

Fords Rd

Pine Valley Rd

Brensmuhl Rd

Lebarron Rd

Hoosic Junction Rd

Springfield Terminal

Fairbanks Rd

Woods Brook

Johnsons Brook

Burgess Rd

Mapletown Rd

Cottrell Rd

E Hoosick Rd

N Hoosick Rd

Andrews Rd

Telford

Cobble Hill Rd

White Creek Rd

Bowlsville Rd

Hill Rd

South St

Main St

Indian Hill

Breese Hollow Rd

Breese Hollow

Browns Brook

Johnsons Brook

Woods Brook

Ball St Ext

Elm St

Roger

Junction Rd

Sates Rd

Coles Rd

Baker Lake Rd

Bowlsville Rd

Hoosick

Eagle Rd

Tate Rd

Wilson Hill Rd

Fog Hill Rd

Harker Hollow Rd

Fords Rd

Pine Valley Rd

Brensmuhl Rd

Lebarron Rd

Hill Rd

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

HF1-HR2
01/14/22: 8.3

HF1-WB1
01/14/22: 28

HF1-UBW4
01/14/22: 18

HF1-UBW3
01/14/22: 19

HF1-UBW2
01/14/22: 17

HF1-UBE1
01/14/22: 74

HF1-UBE3
01/14/22: 74

HF1-BB1
01/14/22: 15

HF1-HR1
01/14/22: 5.4

HF1-UBW1
01/14/22: 9.0
01/14/22: 9.6

Former Schmigel Property

Former Columbia Corporation

Landfill

Waste Water Treatment Plant

Interface Solutions Inc.

Mechanic Street Site

Liberty Street Site

1st Street Site

John Street Site

Former Dodge Machine Company

McCaffrey Street Site

River Road Site

Eagle Bridge

Hoosick Falls

WASHINGTON
RENSSELAER

Hoosick River

Little White Creek

Walloomsac River

Case Brook

Woods Brook

Johns Brook

Browns Brook

Regional Baseflow Sampling Location

NYSDEC Remedial Site

Current OU-01 Boundary

Wetland

All concentrations are in ng/L.
Duplicate sample concentrations shown in *italics*.

0 1,500 3,000 4,500
Feet

BEC
Engineering and Geology, P.C.

FIGURE 3A

PFOA IN SURFACE WATER REGIONAL BASEFLOW
Regional Sediment and Surface Water Data Summary Memo
Hoosick Falls, NY

BEC Footer: ArcGIS 10.8.1, 2022-06-23 18:47 File: I:\Client\Saint_Gobain\Hoosick_Falls_NY\Maps\Reports\2022\Regional Sediment and Surface Water\Data Summary Memo\Figure 3B PFOS in Surface Water - Regional Baseflow.mxd User: bal

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

Former Schmigel Property

Former Columbia Corporation

Landfill

Waste Water Treatment Plant

Interface Solutions Inc.

Mechanic Street Site

Liberty Street Site

1st Street Site

John Street Site

Former Dodge Machine Company

McCaffrey Street Site

River Road Site

HF1-HR2
01/14/22: < 1.4 UB

HF1-UBW4
01/14/22: < 0.54 UB

HF1-UBW3
01/14/22: < 0.45 U

HF1-UBW2
01/14/22: 0.73 J

HF1-UBW1
01/14/22: 0.56 J
01/14/22: < 0.54 U

HF1-WB1
01/14/22: 0.50 J

HF1-UBE1
01/14/22: 0.57 J

HF1-UBE3
01/14/22: 1.3 J

HF1-BB1
01/14/22: 0.88 J

HF1-HR1
01/14/22: 1.5 J

BEC Engineering and Geology, P.C.

- 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 *italics*.

N

0 1,500 3,000 4,500
Feet

FIGURE 3B

PFOS IN SURFACE WATER REGIONAL BASEFLOW
Regional Sediment and Surface Water Data Summary Memo
Hoosick Falls, NY

BEC Footer: ArcGIS 10.8.1, 2022-06-23 18:44 File: I:\Client\Saint_Gobain\Hoosick_Falls_NY\Maps\Reports\2022\Regional Sediment and Surface Water\Data Summary Memo\Figure 4A PFOA in Sediment - Regional Baseflow.mxd User: bal

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

Former Schmigel Property

Former Columbia Corporation

Landfill

Waste Water Treatment Plant

Interface Solutions Inc.

Mechanic Street Site

Liberty Street Site

1st Street Site

John Street Site

Former Dodge Machine Company

McCaffrey Street Site

River Road Site

HF1-HR2
< 0.24 U
0.44 J
< 0.23 U
< 0.22 U

HF1-WB1
< 0.20 U
< 0.24 U
< 0.23 U

HF1-UBW4
0.49 J
1.2
0.67

HF1-UBW3
0.46 J
0.39 J
0.80

HF1-UBW2
< 0.22 U
0.27 J
3.1
1.3

HF1-UBE1
0.39 J
0.82

HF1-UBE3
8.1
4.0
2.8

HF1-BB1
< 0.21 U
< 0.21 U
< 0.22 U

HF1-UBW1
0.91
0.46 J
< 0.21 U

HF1-HR1
< 0.31 U
< 0.28 U
< 0.20 U

BEC Engineering and Geology, P.C.

- Regional Baseflow Sampling Location
- 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.
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)

0 1,500 3,000 4,500
Feet

FIGURE 4A

PFOA IN SEDIMENT REGIONAL BASEFLOW
Regional Sediment and Surface Water Data Summary Memo
Hoosick Falls, NY

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

HF1-HR2
< 0.24 U
1.3
<0.23 U
< 0.22 U

HF1-WB1
< 0.20 U
< 0.24 U
< 0.23 U

HF1-UBW4
< 0.22 U
< 0.22 U
< 0.22 U

HF1-UBW3
< 0.19 U
< 0.22 U
< 0.25 U

HF1-UBW2
< 0.22 U
< 0.22 U
0.28 J
0.26 J

HF1-UBE1
< 0.22 U
< 0.20 U

HF1-UBE3
0.56 J
0.28 J
< 0.23 U

HF1-BB1
< 0.21 U
< 0.21 U
< 0.22 U

HF1-HR1
0.50 J
0.57 J
< 0.20 U

HF1-UBW1
< 0.27 U
< 0.27 U
< 0.21 U

Former Schmigel Property
Former Columbia Corporation
Landfill
Waste Water Treatment Plant
Interface Solutions Inc.
Mechanic Street Site
Liberty Street Site
1st Street Site
John Street Site
Former Dodge Machine Company
McCaffrey Street Site
River Road Site

Engineering and Geology, P.C.

Regional Baseflow Sampling Location
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.
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)

0 1,500 3,000 4,500
Feet

FIGURE 4B

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

BEC Footer: ArcGIS 10.8.1, 2022-06-23 19:00 File: I:\Client\Saint_Gobain\Hoosick_Falls_NY\Maps\Reports\2022\Regional Sediment and Surface Water\Data Summary Memo\Figure 5A PFOA in Surface Water - Screening Level.mxd User: bal

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

HF1-N07-SW
11/19/21: 23

HF1-NE13-SW
11/19/21: 3.2

HF1-N08-SW
11/19/21: 350
11/19/21: 340

HF1-NW06-SW
03/28/22: 200

HF1-NW21-SW
03/28/22: 80

HF1-W09-SW
03/28/22: 130

HF1-W14-SW
03/28/22: 2.8

HF1-SW02-SW
11/19/21: 12

HF1-SW12-SW
03/28/22: 7.3
03/28/22: 7.8

HF1-E20-SW
03/28/22: 59

HF1-E19-SW
03/28/22: 140

HF1-SE03-SW
11/19/21: 74

HF1-SE14-SW
11/19/21: 42

Former Schmigel Property

Former Columbia Corporation

Landfill

Waste Water Treatment Plant

Interface Solutions Inc.

Mechanic Street Site

Liberty Street Site

1st Street Site

John Street Site

Former Dodge Machine Company

McCaffrey Street Site

River Road Site

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 *italics*.

0 1,500 3,000 4,500
Feet

BEC Engineering and Geology, P.C.

FIGURE 5A

PFOA IN SURFACE WATER REGIONAL SCREENING-LEVEL
Regional Sediment and Surface Water Data Summary Memo
Hoosick Falls, NY

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

HF1-N07-SW
11/19/21: < 0.48 U

HF1-NE13-SW
11/19/21: < 0.45 U

HF1-N08-SW
11/19/21: < 0.45 U
11/19/21: < 0.44 U

HF1-NW06-SW
03/28/22: < 0.43 U

HF1-NW21-SW
03/28/22: < 0.43 U

HF1-W09-SW
03/28/22: 0.76 J

HF1-W14-SW
03/28/22: < 0.42 U

HF1-SW02-SW
11/19/21: < 0.44 U

HF1-SW12-SW
< 0.42 U
< 0.43 U

HF1-E20-SW
03/28/22: < 0.46 U

HF1-E19-SW
03/28/22: < 0.44 U

HF1-SE03-SW
11/19/21: < 0.45 U

HF1-SE14-SW
11/19/21: < 0.45 U

Former Schmigel Property

Former Columbia Corporation

Landfill

Waste Water Treatment Plant

Interface Solutions Inc.

Mechanic Street Site

Liberty Street Site

1st Street Site

John Street Site

Former Dodge Machine Company

McCaffrey Street Site

River Road Site

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 *italics*.

0 1,500 3,000 4,500
Feet

BEC Engineering and Geology, P.C.

FIGURE 5B

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

BEC Footer: ArcGIS 10.8.1, 2022-06-23 18:32 File: I:\Client\Saint_Gobain\Hoosick_Falls_NY\Maps\Reports\2022\Regional Sediment and Surface Water\Data Summary Memo\Figure 6A PFOA in Sediment - Sreening Level.mxd User: bal

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

HF1-N07-SW

HF1-NE13-SW

HF1-N08-SW

HF1-NW06-SW
2.0
1.6
2.0

HF1-NW21-SW
3.5
2.5
1.3

HF1-W09-SW
12
7.0
2.6

HF1-W14-SW
< 0.25 UJ
< 0.24 UJ
< 0.24 UJ

HF1-SW02-SW
< 2.7 UJ
< 0.31 UJ
< 0.24 UJ

HF1-SW12-SW
< 0.25 UJ
< 0.23 UJ
< 0.23 UJ

HF1-E20-SW
1.2
< 0.25 U
0.35 J

HF1-E19-SW
6.0
3.9
0.49 J

HF1-SE03-SW
2.7
0.67 J
0.41 J

HF1-SE14-SW
1.0 J
1.1
0.32 J
0.36 J

Former Schmigel Property

Former Columbia Corporation

Landfill

Waste Water Treatment Plant

Interface Solutions Inc.

Mechanic Street Site

Liberty Street Site

1st Street Site

John Street Site

Former Dodge Machine Company

McCaffrey Street Site

River Road Site

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)

0 1,500 3,000 4,500
Feet

BEC Engineering and Geology, P.C.

FIGURE 6A

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

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

HF1-N07-SW

HF1-NE13-SW

HF1-N08-SW

HF1-NW06-SW
< 0.23 U
< 0.23 U
< 0.24 U

HF1-NW21-SW
0.46 J
< 0.27 U
< 0.24 U

HF1-W09-SW
< 0.30 U
< 0.27 U
< 0.24 U

HF1-W14-SW
< 0.25 UJ
< 0.24 UJ
< 0.24 UJ

HF1-SW02-SW
< 2.7 UJ
< 0.31 UJ
< 0.24 UJ

HF1-SW12-SW
< 0.25 UJ
< 0.23 UJ
< 0.23 UJ

HF1-E20-SW
< 0.30 U
< 0.25 UJ
< 0.23 U

HF1-E19-SW
< 0.39 U
< 0.28 UJ
< 0.22 UJ

HF1-SE03-SW
< 0.42 U
< 0.26 U
0.30 J

HF1-SE14-SW
< 0.35 U
0.26 J
< 0.22 U
< 0.22 U

Former Schmigel Property

Former Columbia Corporation

Landfill

Waste Water Treatment Plant

Interface Solutions Inc.

Mechanic Street Site

Liberty Street Site

1st Street Site

John Street Site

Former Dodge Machine Company

McCaffrey Street Site

River Road Site

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)

0 1,500 3,000 4,500
Feet

BEC Engineering and Geology, P.C.

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

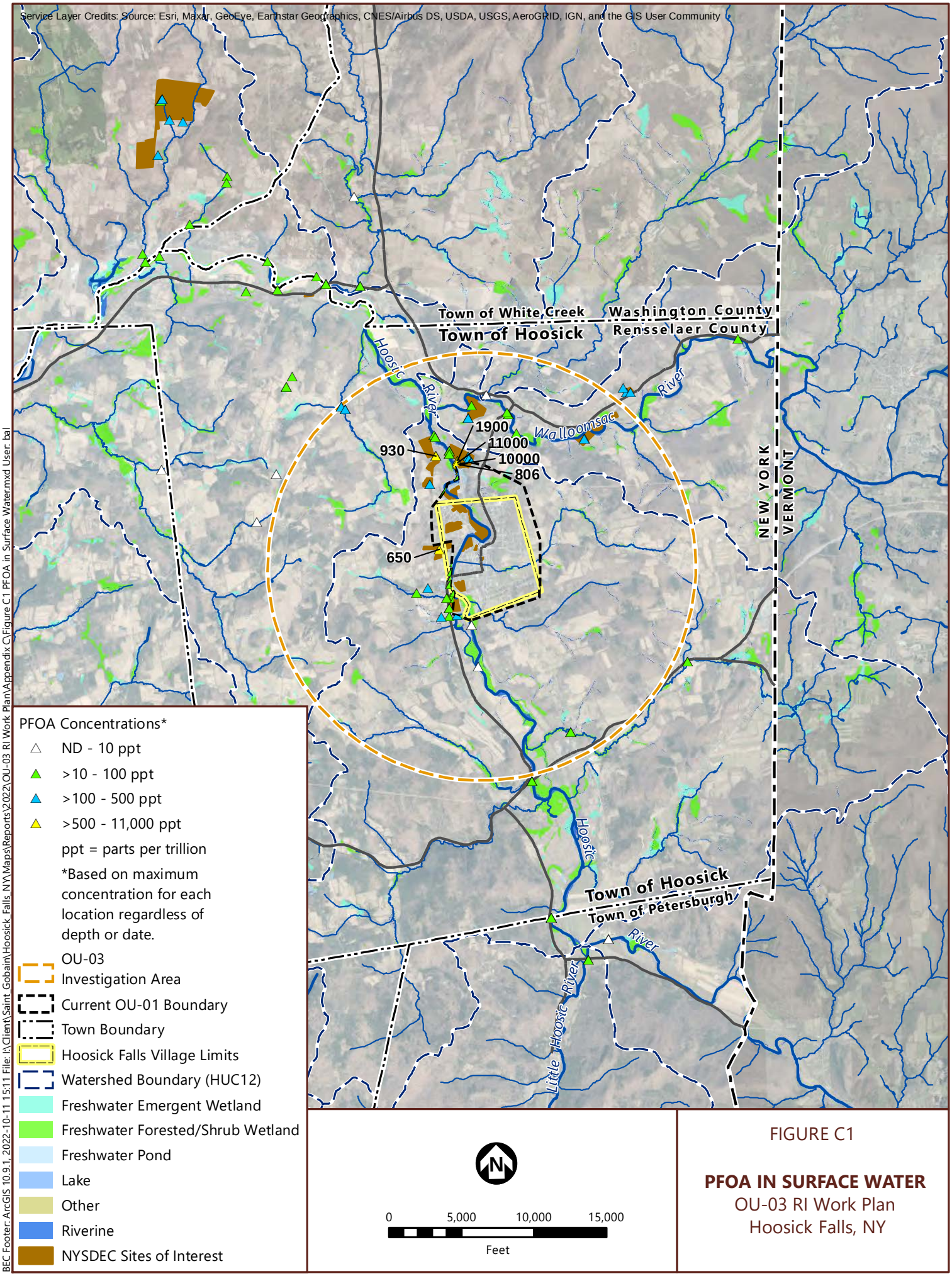


FIGURE C1

PFOA IN SURFACE WATER

OU-03 RI Work Plan

Hoosick Falls, NY

BEC Footer: ArcGIS 10.9.1, 2022-10-11 15:11 File: I:\Client\Saint_Gobain\Hoosick_Falls_NY\Maps\Reports\2022\OU-03 RI Work Plan\Appendix C\Figure C1 PFOA in Surface Water.mxd User: bal

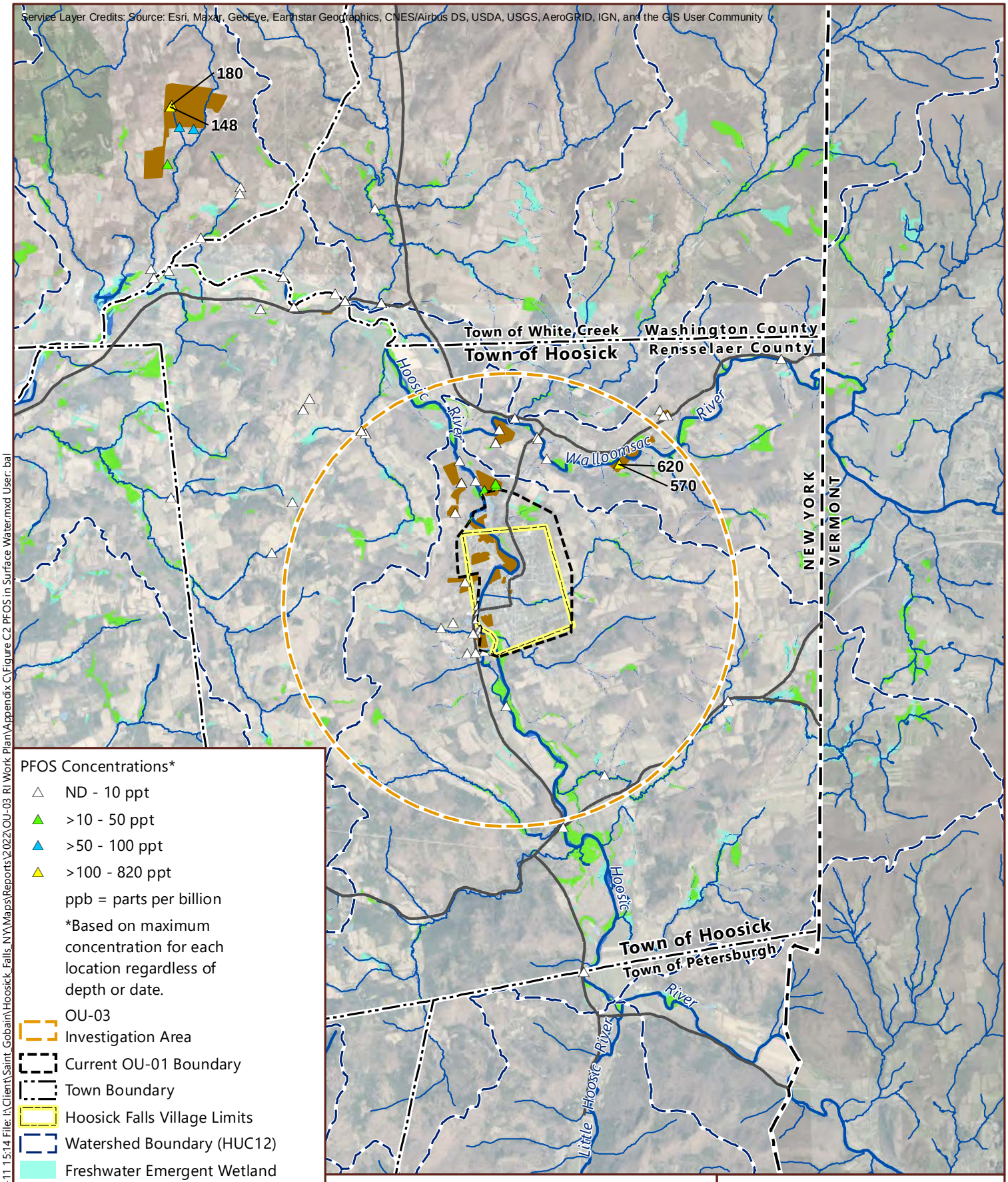


FIGURE C2

PFOS IN SURFACE WATER

OU-03 RI Work Plan

Hoosick Falls, NY

BEC Footer: ArcGIS 10.9.1, 2022-10-11 15:14 File: I:\Client\Saint_Gobain\Hoosick_Falls_NY\Maps\Reports\2022\OU-03 RI Work Plan\Appendix C\Figure C2 PFOS in Surface Water.mxd User: bal

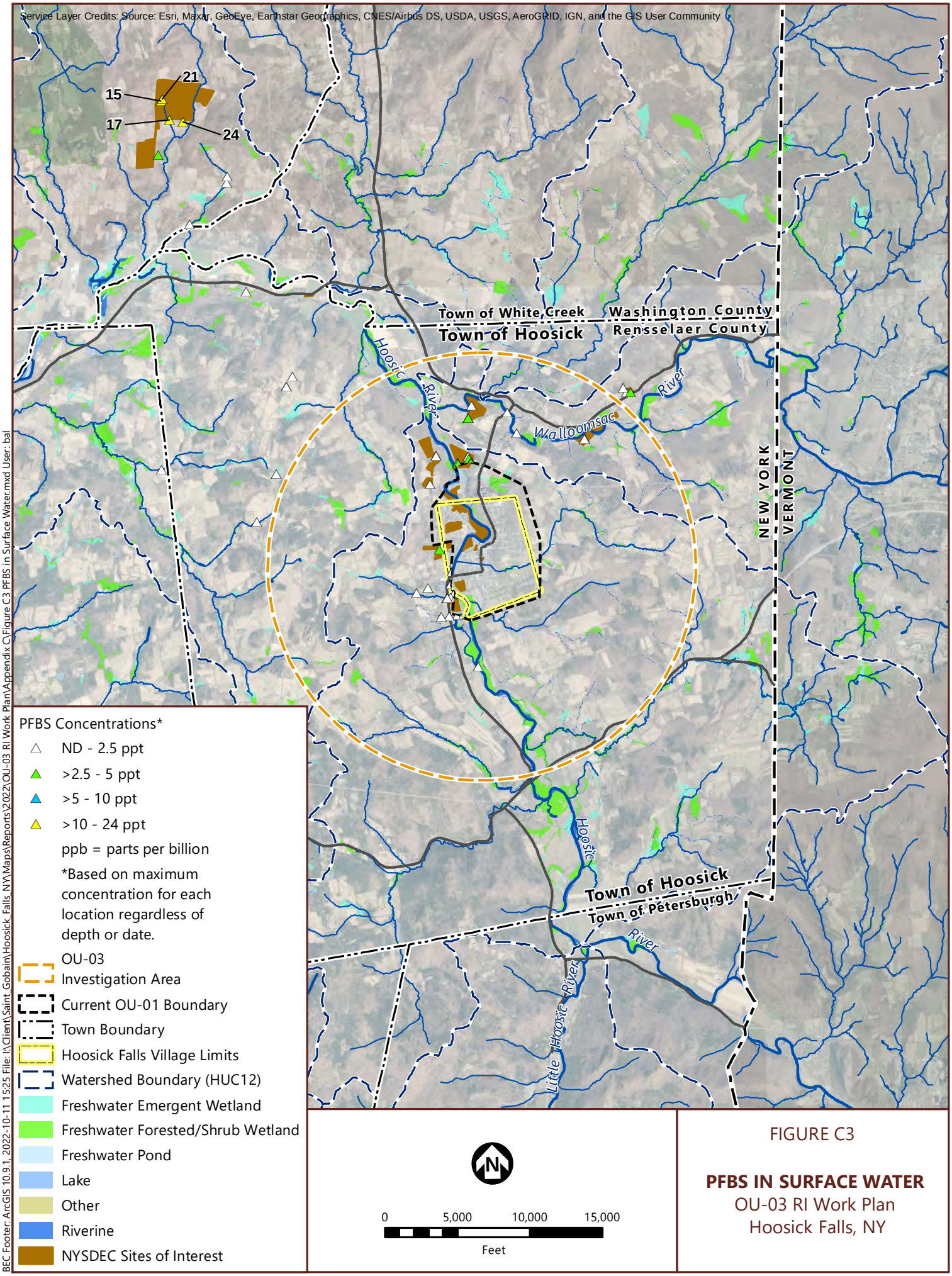


FIGURE C3

PFBS IN SURFACE WATER

OU-03 RI Work Plan

Hoosick Falls, NY

BEC Footer: ArcGIS 10.9.1, 2022-10-11 15:25 File: I:\Client\Saint_Gobain\Hoosick_Falls_NY\Maps\Reports\2022\OU-03 RI Work Plan\Appendix C\Figure C3 PFBS in Surface Water.mxd User: bal

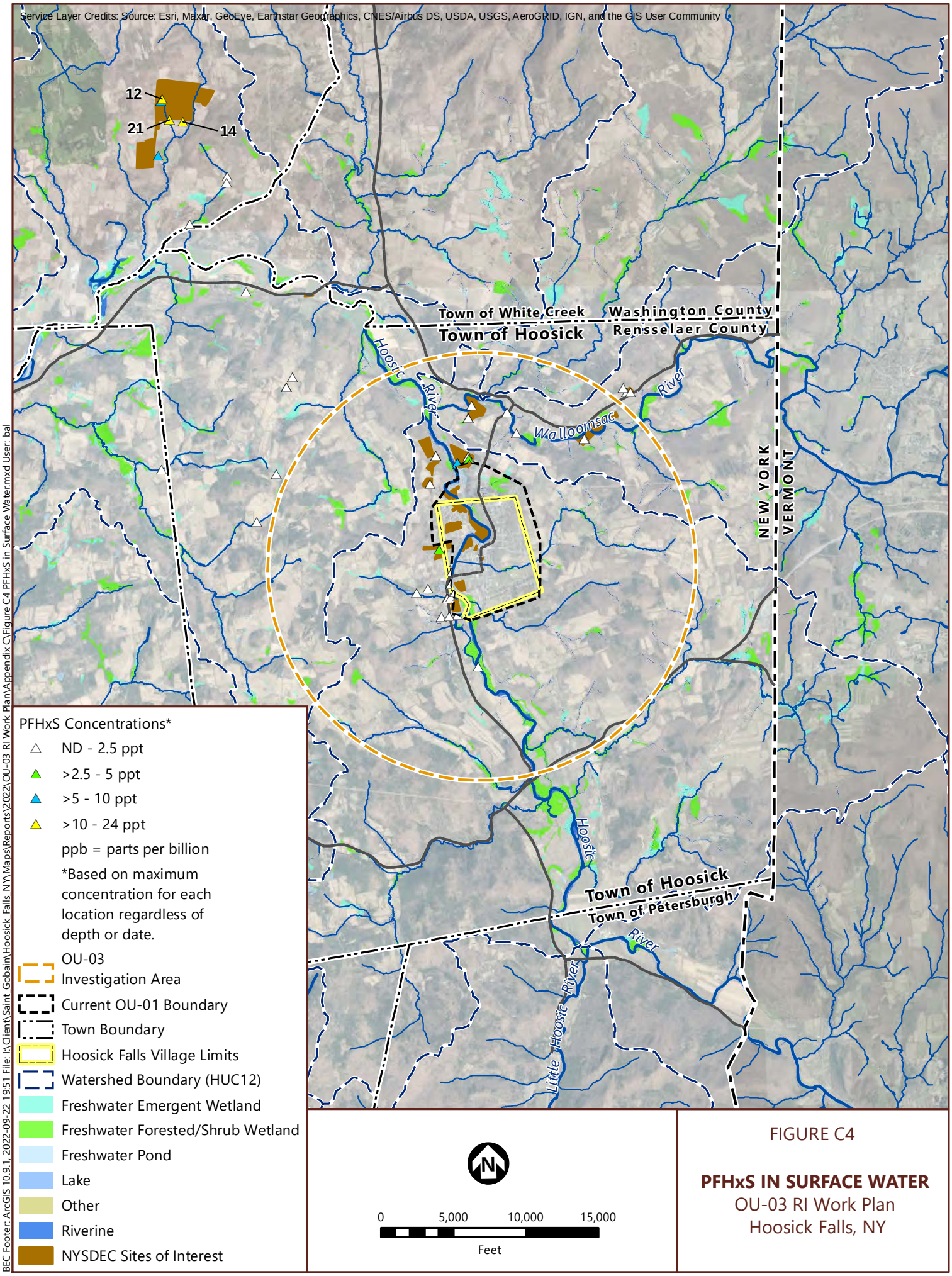


FIGURE C4

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

BEC Footer: ArcGIS 10.9.1, 2022-09-22 19:51 File: I:\Client\Saint_Gobain\Hoosick_Falls_NY\Maps\Reports\2022\OU-03 RI Work Plan\Appendix C\Figure C4 PFHxS in Surface Water.mxd User: bal

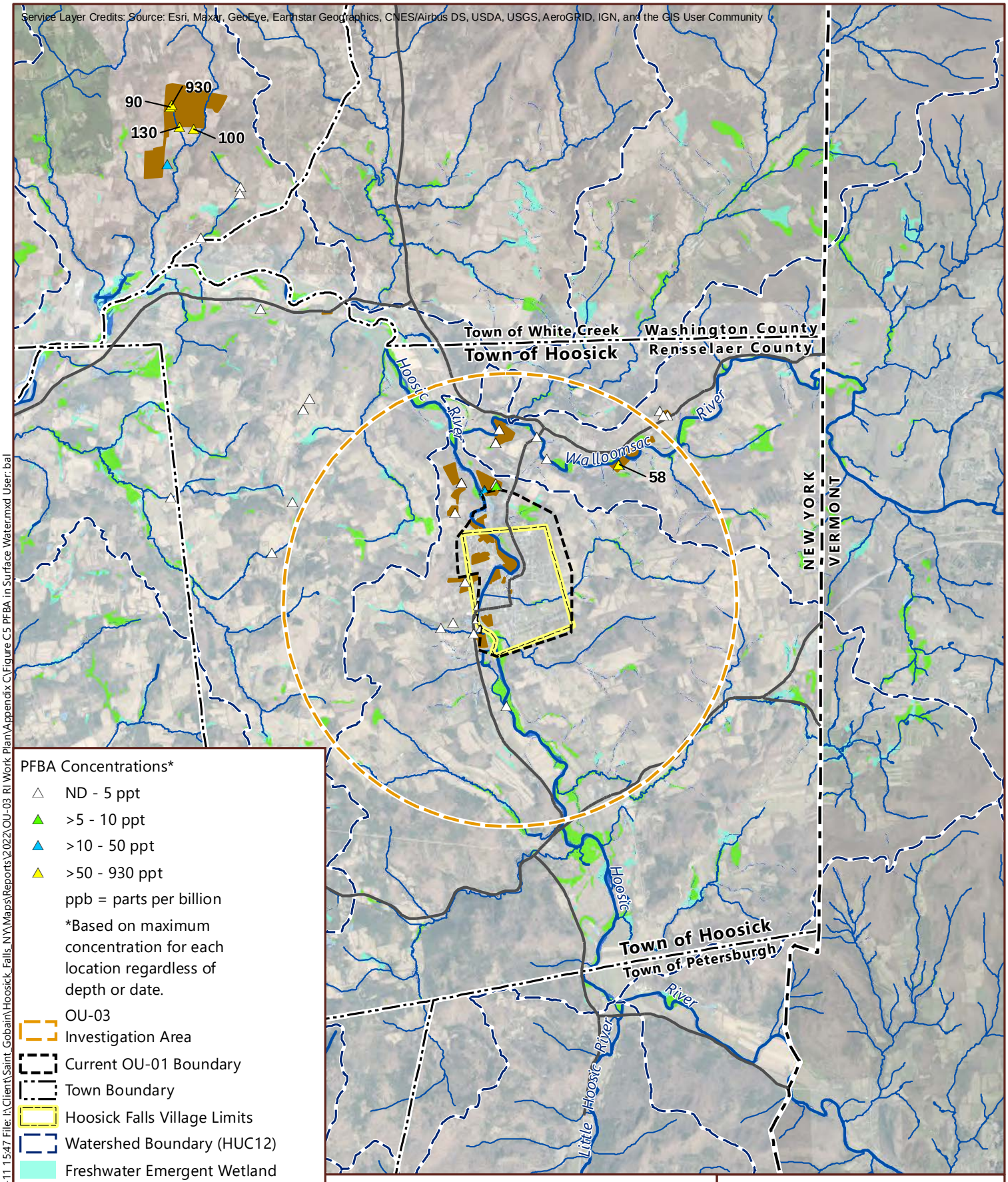


FIGURE C5

PFBA IN SURFACE WATER

OU-03 RI Work Plan

Hoosick Falls, NY

BEC Footer: ArcGIS 10.9.1, 2022-10-11 15:47 File: I:\Client\Saint_Gobain\Hoosick_Falls_NY\Maps\Reports\2022\OU-03 RI Work Plan\Appendix C\Figure C5 PFBA in Surface Water.mxd User: bal

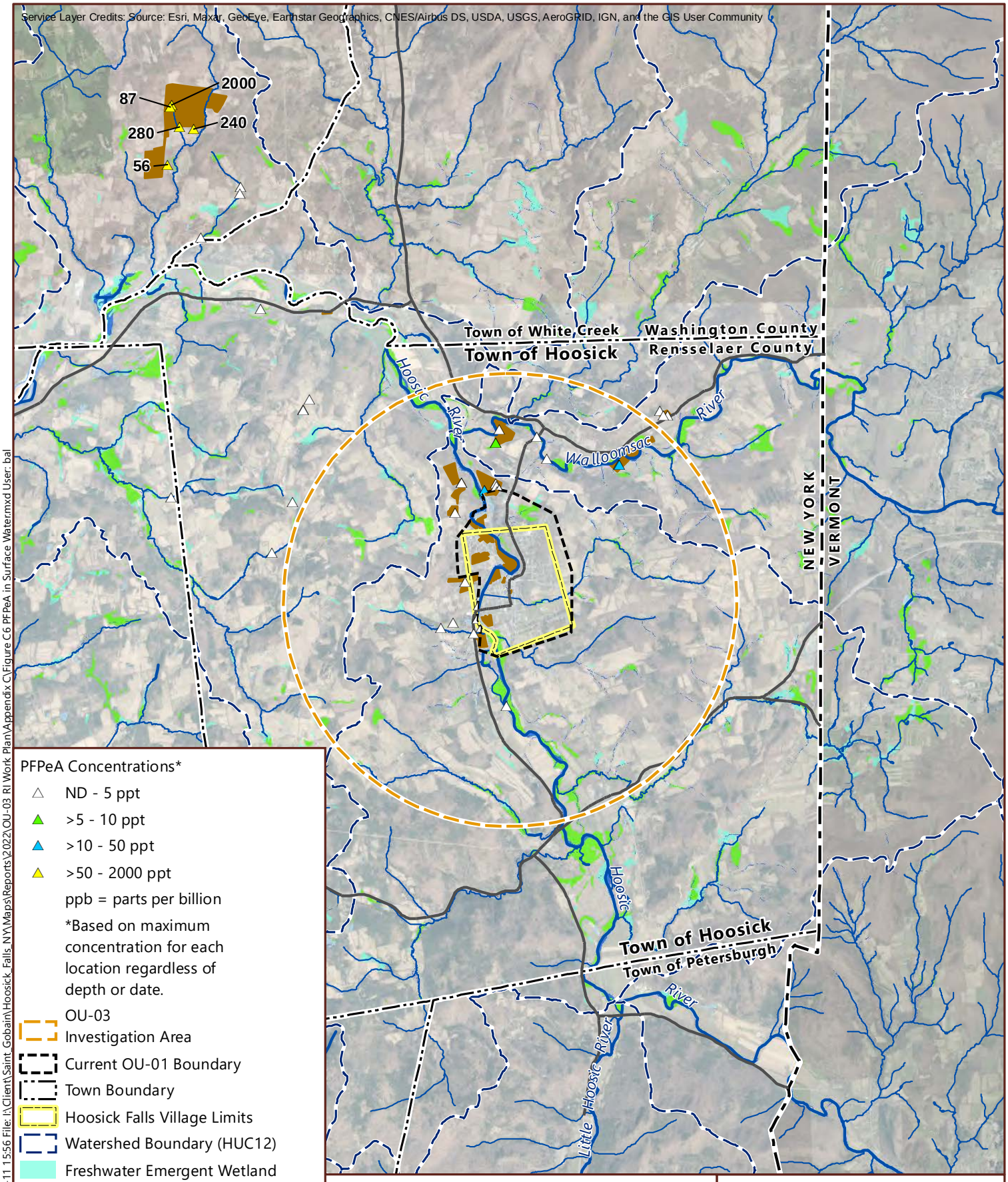


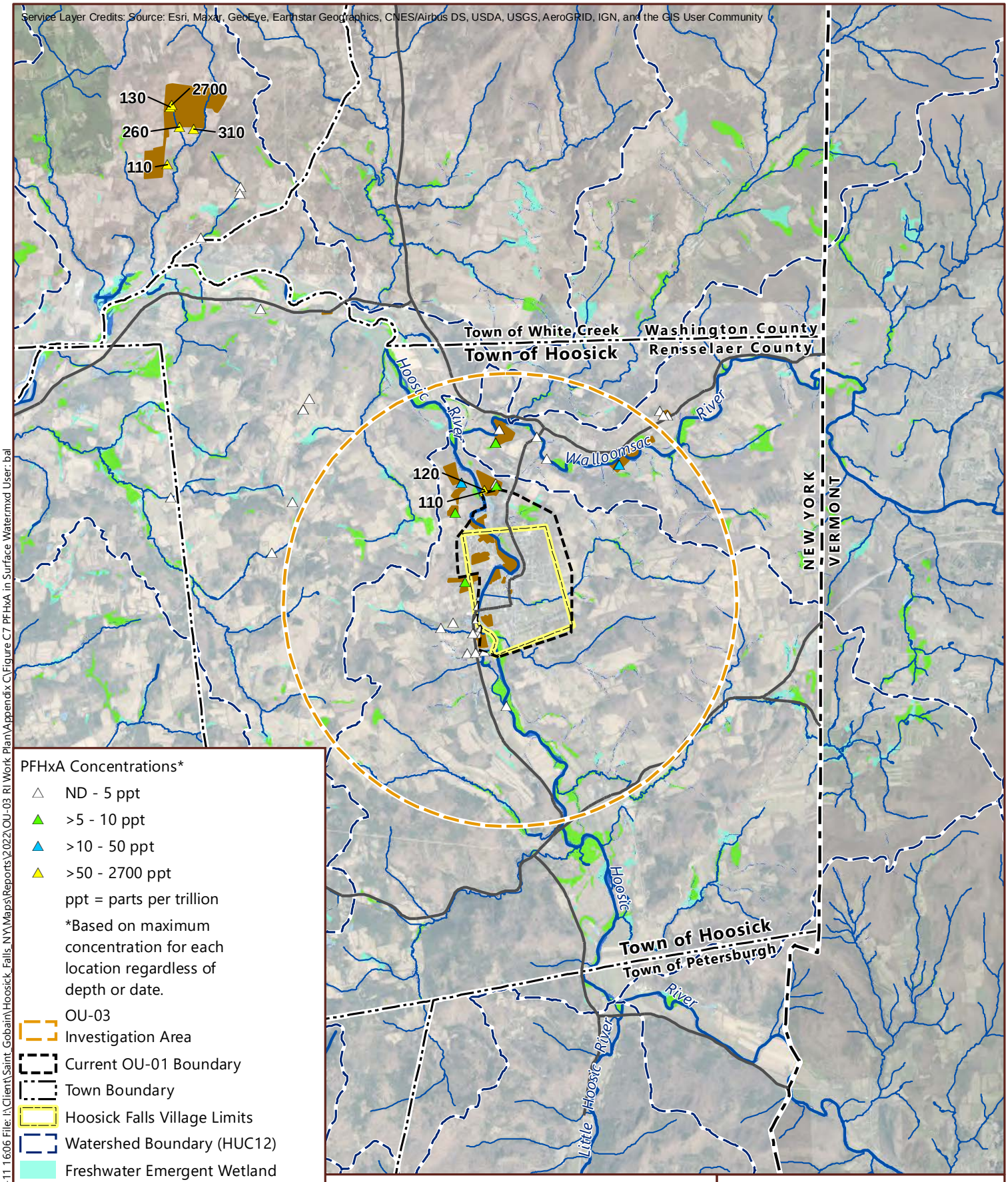
FIGURE C6

PFPeA IN SURFACE WATER

OU-03 RI Work Plan

Hoosick Falls, NY

BEC Footer: ArcGIS 10.9.1, 2022-10-11 15:56 File: I:\Client\Saint_Gobain\Hoosick_Falls_NY\Maps\Reports\2022\OU-03 RI Work Plan\Appendix C\Figure C6 PFPeA in Surface Water.mxd User: bal



BEC Footer: ArcGIS 10.9.1, 2022-10-11 16:06 File: I:\Client\Saint_Gobain\Hoosick_Falls_NY\Maps\Reports\2022\OU-03 RI Work Plan\Appendix C\Figure C7 PFHxA in Surface Water.mxd User: bal

FIGURE C7

PFHxA IN SURFACE WATER

OU-03 RI Work Plan

Hoosick Falls, NY

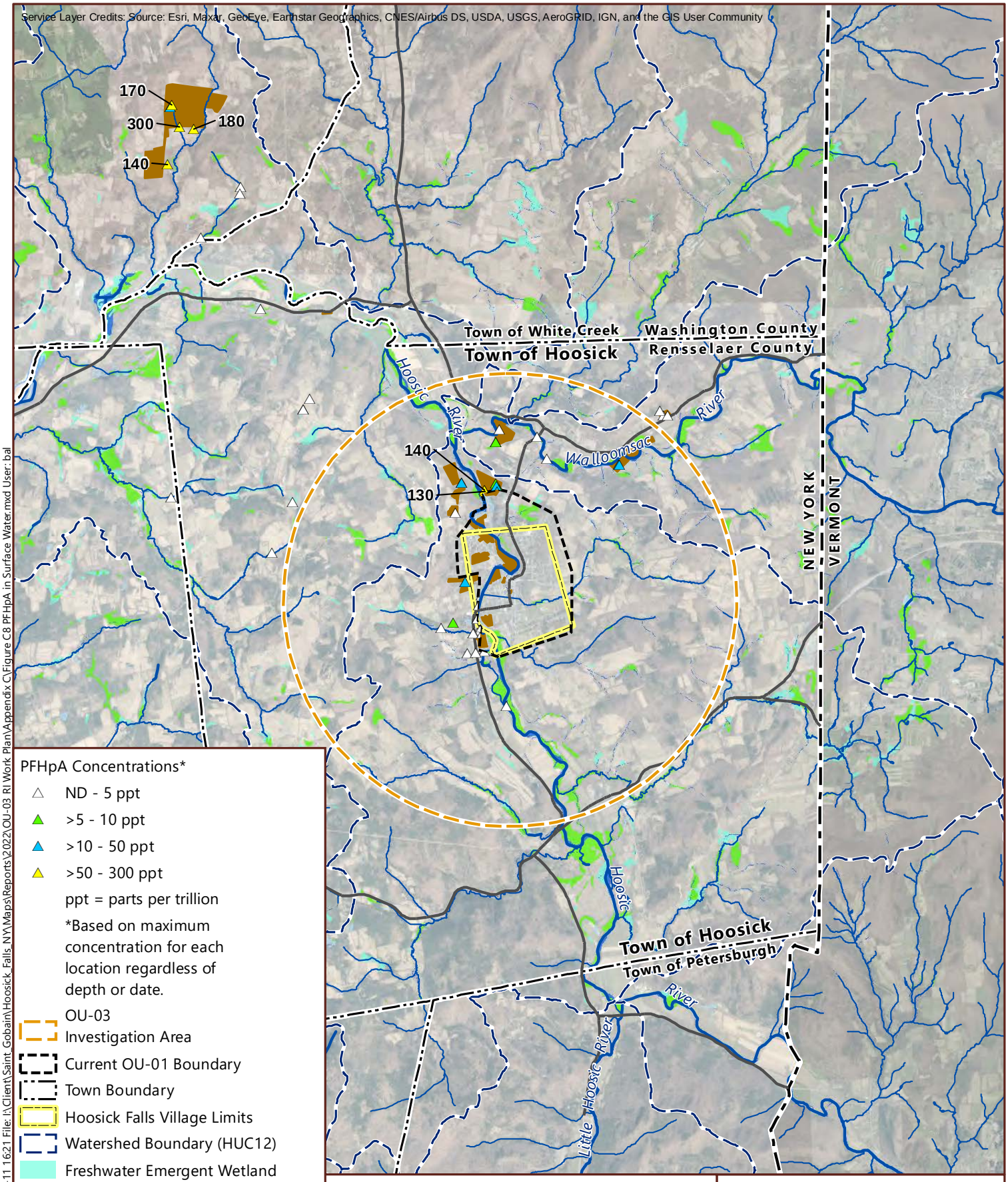


FIGURE C8

PFHpA IN SURFACE WATER

OU-03 RI Work Plan

Hoosick Falls, NY

BEC Footer: ArcGIS 10.9.1, 2022-10-11 16:21 File: I:\Client\Saint_Gobain\Hoosick_Falls_NY\Maps\Reports\2022\OU-03 RI Work Plan\Appendix C\Figure C8 PFHpA in Surface Water.mxd User: bal

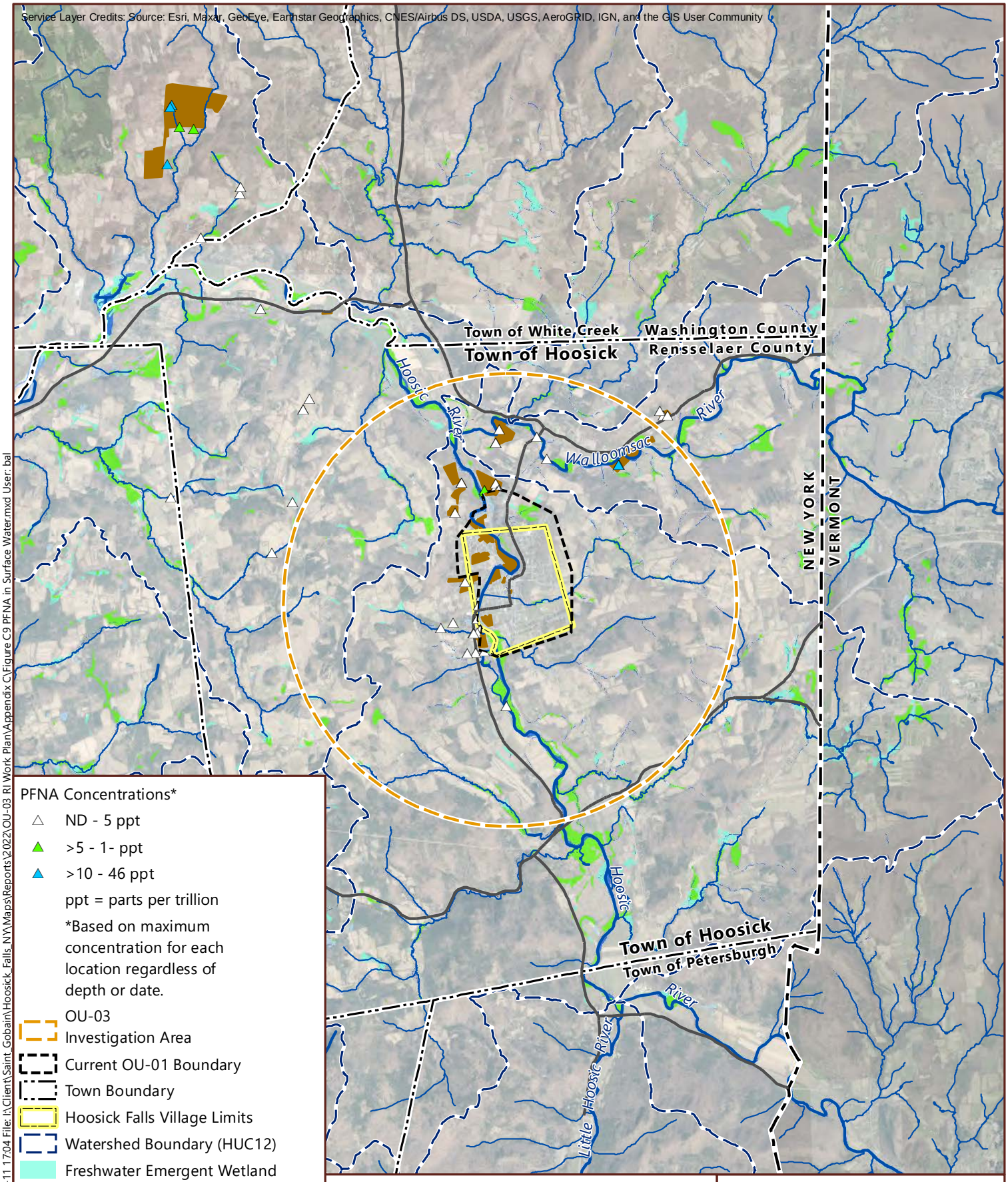


FIGURE C9

PFNA IN SURFACE WATER

OU-03 RI Work Plan

Hoosick Falls, NY

BEC Footer: ArcGIS 10.9.1, 2022-10-11 17:04 File: I:\Client\Saint_Gobain\Hoosick_Falls_NY\Maps\Reports\2022\OU-03 RI Work Plan\Appendix C\Figure C9 PFNA in Surface Water.mxd User: bal

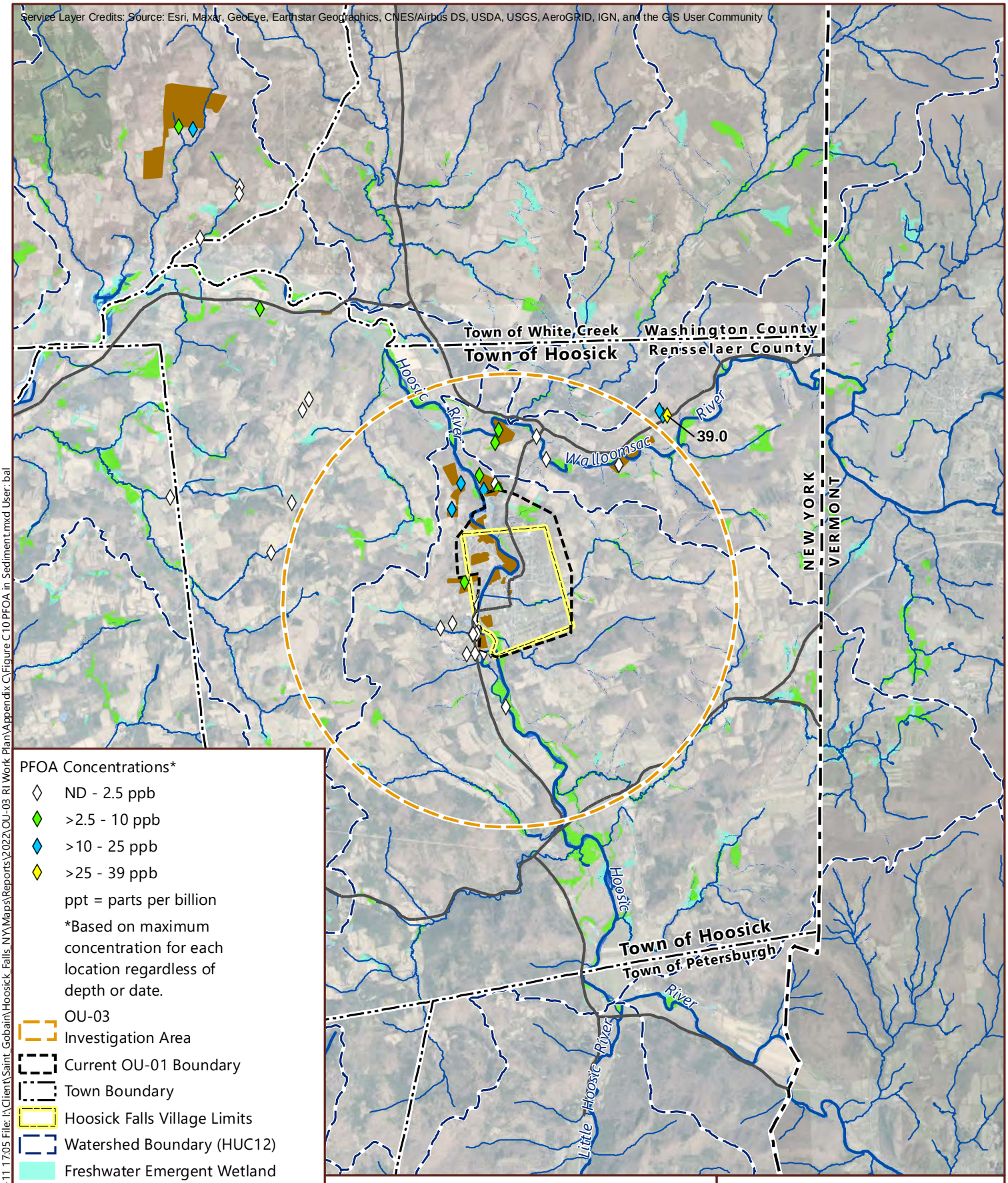


FIGURE C10

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

BEC Footer: ArcGIS 10.9.1, 2022-10-11 17:05 File: I:\Client\Saint_Gobain\Hoosick_Falls_NY\Maps\Reports\2022\OU-03 RI Work Plan\Appendix C\Figure C10 PFOA in Sediment.mxd User: bal

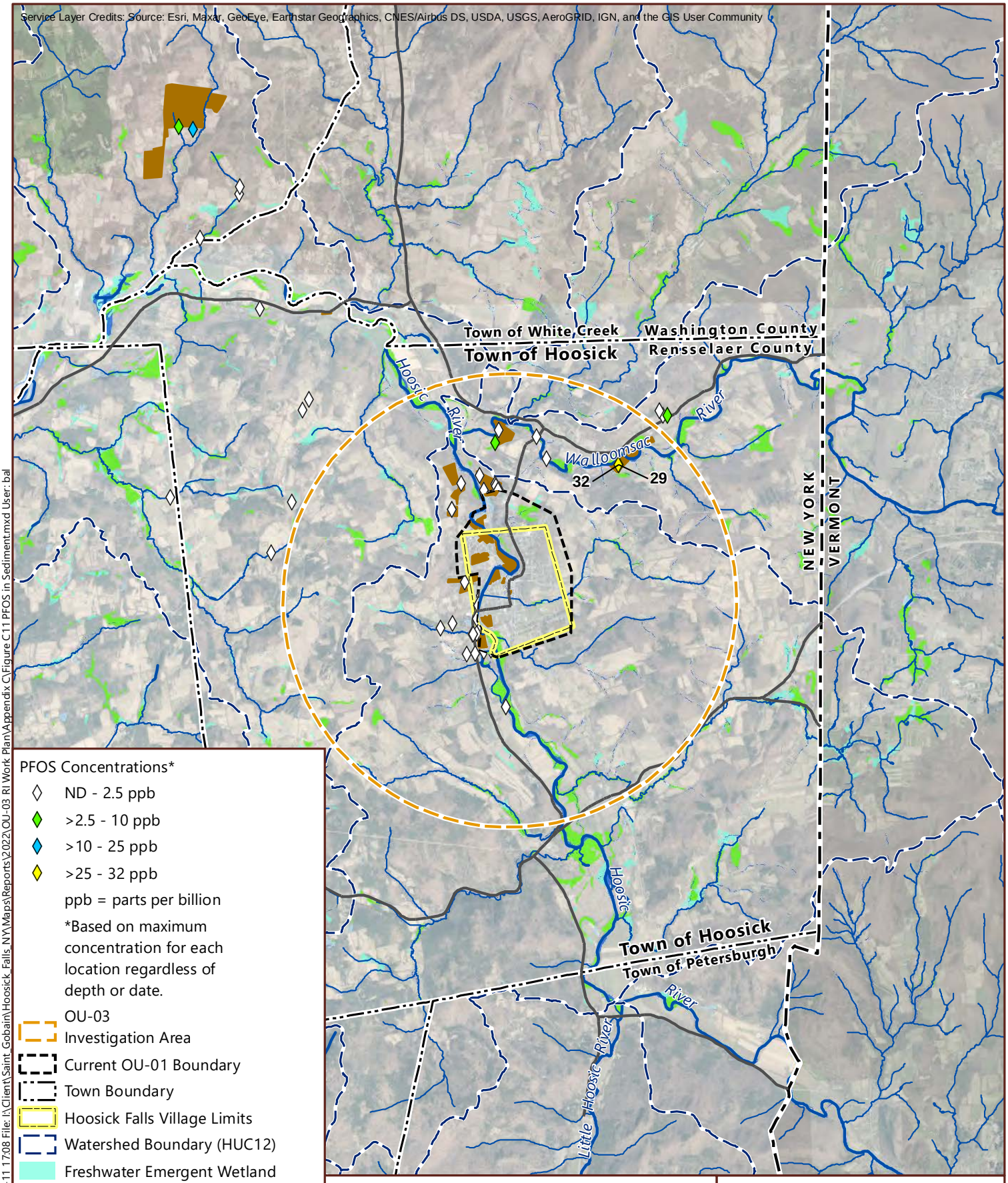


FIGURE C11

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

BEC Footer: ArcGIS 10.9.1, 2022-10-11 17:08 File: I:\Client\Saint_Gobain\Hoosick_Falls_NY\Maps\Reports\2022\OU-03 RI Work Plan\Appendix C\Figure C11 PFOS in Sediment.mxd User: bal