

GIS Conventions for PFAS Field Sampling

It is critical that these sample names be used for the Chain of Custody and the EDD to be uploaded into EGAD. This will maintain continuity with the sample name from start to finish and should eliminate missing points and results in GIS as the proper connections can be made.

On the Chain of Custody samples should be named as follows:

Drinking Water Sample: 265 Town Farm Rd

Composite Soil Sample: FH1-1, FH1-2, FH1-3 or FHA-1, FHA-2, FHA-3

GPS locations shall be collected in UTM 83 Zone 19 with accuracy 5ft±

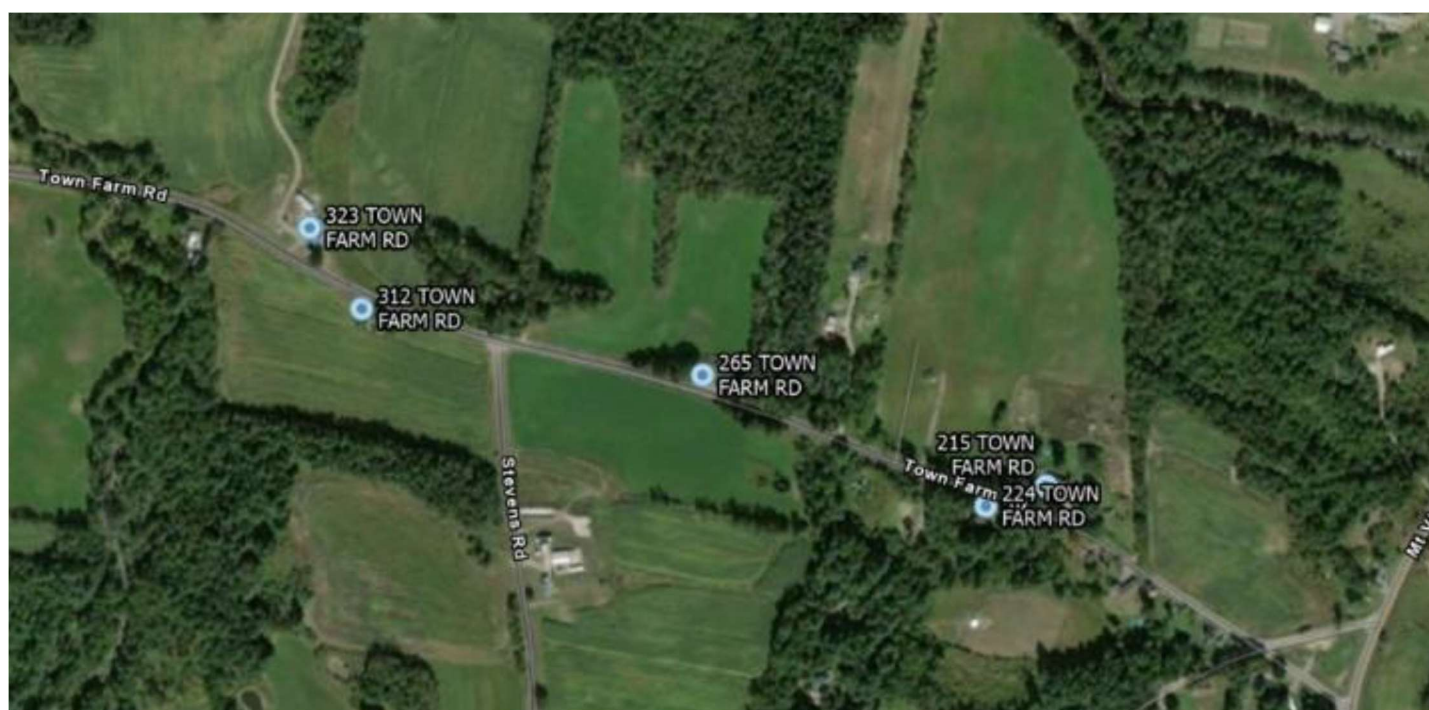
Drinking Water Wells - Points

When water wells are sampled, the location address is used as the feature name.

Example: 265 Town Farm Rd

215 Town Farm Rd

323 Town Farm Rd



Licensed Field(s) - Polygons

The originating name comes from maps found in the DEP-issued license for the site. If the site name is Hunter, then H is used as the name designation. "FIELD" is used to designate that the field polygon is a spreading field, therefore "FIELD H" is used as the name of the overall field that was licensed to have the spreading of sludge or septage. If there are multiple fields on the site, then a number or letter sequence is used to differentiate between the fields. To save time in the field, the shorter version in parenthesis below can be used.

Example: FIELD H-1, 2, 3 (or FH1, FH2, FH3)
FIELD H-A, B, C (or FHA, FHB, FHC)



Soil Sampled Area(s) - Polygons

When a licensed septage field exceeds 30 acres, the field is broken into smaller fields per the Composite Samples table below.

Acres	# of 10-part Composite Samples
0-30	1
30-50	2
50-80	3
80-120	4
>120	5 or as needed to maintain about 30% coverage. For very large areas (>200 acres), less coverage may be acceptable, review SAP with DEP

For GIS purposes, these areas are known as “Soil Sampled Areas”. The parent field name (licensed field(s) as above) is used to designate which field these smaller fields belong to. The smaller soil sampled areas would then be labeled as below

Example: FIELD H-1-1, FIELD H-1-2, FIELD H-1-3 (FH1-1, FH1-2, FH1-3)
FIELD H-A-1, FIELD H-A-2, FIELD H-A-3 (FHA1-1, FHA1-2, FHA1-3)



Composite Soil Sample Locations - Points

The individual soil sample locations for a composite sample also follows the same names as the parent "Soil Sample Area."

Example: FH1-1, FH1-2, FH1-3
FHA-1, FHA-2, FHA-3

With the last sequence going up to 10 for the maximum samples per sampled area as follows.

Example: FIELD H1-1-1, FIELD H1-1-2, FIELD H1-1-3 up to 10
FHA-1-1, FHA-1-2, FHA-1-3 up to 10



Combined Final Sampling Maps – Points and Polygons

