

Emerging Contaminant Sampling Initiative

EC Form 1: Initial Groundwater Sampling Results Evaluation



Site Name: _____ Site ID: _____

Date(s) Sampled: _____ Class: _____

Number of Monitoring Wells: _____ (attach figure showing sampling locations)

Groundwater Screening

Chemical	Screening level (DWQC Recommended MCL)	Max. concentration detected	Check box if level exceeded
1,4-dioxane in groundwater	1 ug/L (ppb)		
PFOA in groundwater	10 ng/L (ppt)		
PFOS in groundwater	10 ng/L (ppt)		
Awareness			
Other PFAS (not PFOA/PFOS)	Any one compound over 100 ng/L		
Total PFAS (incl. PFOA/PFOS)	Total concentration over 500 ng/L		

STOP here if no screening levels are exceeded. No further action required at this time.

Proximity to Water Supplies

Water supply type	Any wells within ½ mile of site?	Distance (ft)	Method(s) used to confirm water supply well locations
Public well(s)			
Private well(s)			

If water supply wells are confirmed within ½ mile of site, discuss need for sampling these supply wells with DOH. Create a *EC Water Supply Sampling* project in UIS to track drinking water sampling efforts as directed.

Apparent Source(s)

Chemical	Past use or storage of chemical on-site?	Describe reasons for suspecting apparent source(s)
1,4-dioxane		
PFAS		

If an apparent on-site source is suspected, incorporate further work into ongoing remedial program if possible.

Further action required at this time?

Yes

No

Use the box at the bottom of page 2 to summarize site-specific next steps or provide rationale for not recommending further action if screening levels are exceeded.

Project Manager

Michael J. Cruden

Bureau Director

Section Chief

Date Signed

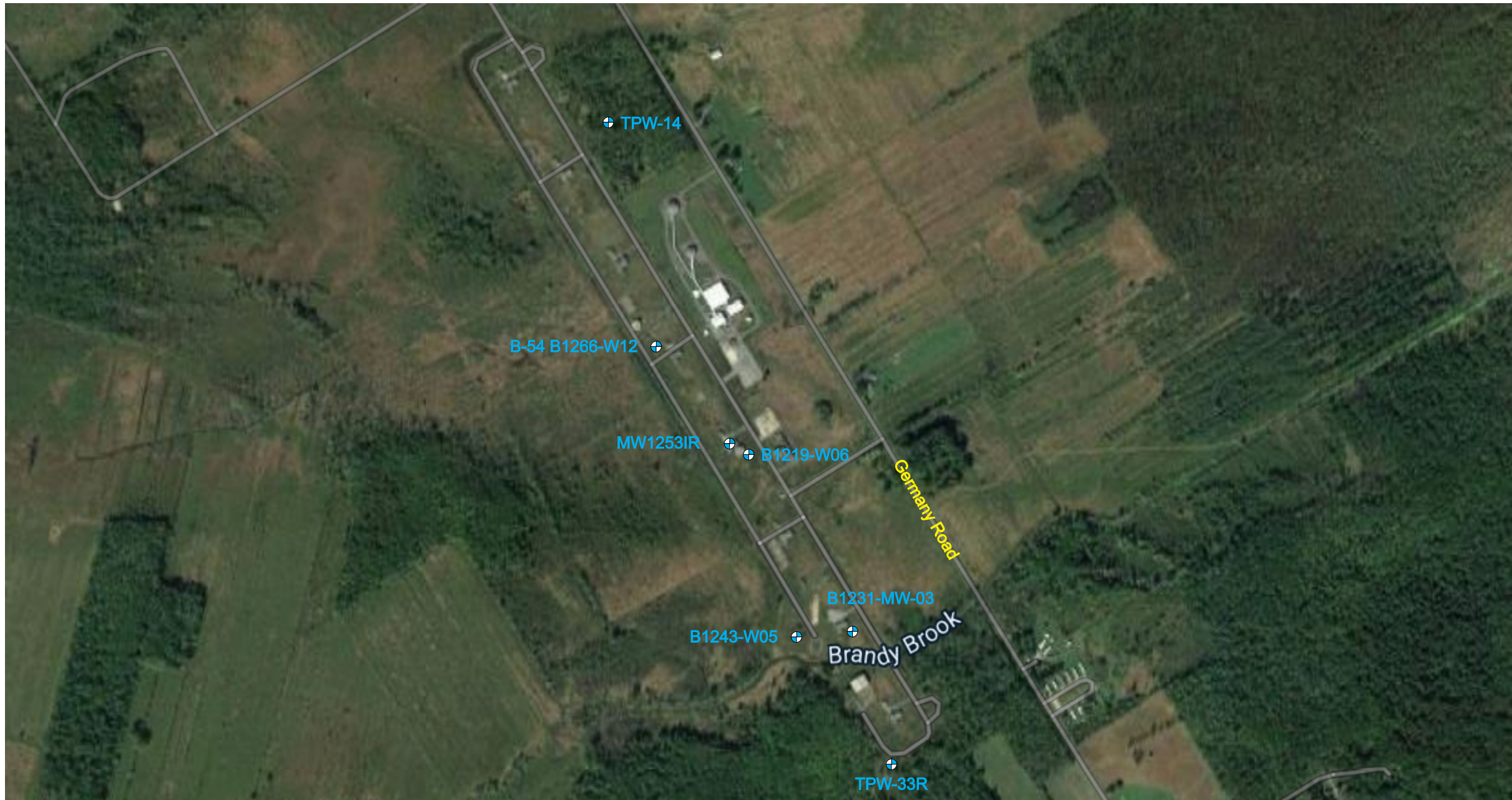
**NEW
YORK
STATE**

TABLE 1
SUMMARY OF ANALYTICAL RESULTS - EMERGING CONTAMINANTS IN GROUNDWATER
VERONA RESEARCH FACILITY
GERMANY ROAD, VERONA, NEW YORK
NYSDEC SITE NO. 633046

Compound	NYSDEC Groundwater Standards/ Guidance Values	SAMPLE ID/DATE							
		TPW-33R	B1231-MW-03	B1243-W05	MW-1253 IR	B1219-W06	B-54 B1266- W12	TPW-14	DUP*
		10/21/20	10/21/20	10/21/20	10/21/20	10/21/20	10/21/20	10/21/20	10/21/20
EPA Method 8270									
1,4-Dioxane	1,000	ND	ND	ND	ND	ND	ND	ND	ND
PFAS - Modified 537									
Perfluorobutanoic acid (PFBA)	100	1.8 J	10	2.0 J	ND	7.4	4.9	ND	10
Perfluoropentanoic acid (PFPeA)	100	ND	2.2	ND	ND	ND	ND	ND	2.2
Perfluorohexanoic acid (PFHxA)	100	0.75 J	2.4	ND	ND	ND	ND	ND	2.4
Perfluoroheptanoic acid (PFHpA)	100	0.50 J	2.5	0.44 J	ND	0.60 J	0.54 J	ND	2.8
Perfluorooctanoic acid (PFOA)	10	1.3 J	3.3	4.2	ND	1.3 J	1.7	ND	3.5
Perfluorononanoic acid (PFNA)	100	ND	1.0 J	ND	ND	ND	ND	ND	1.1 J
Perfluorododecanoic acid (PFDoA)	100	ND	ND	ND	ND	ND	ND	0.62 J-	ND
Perfluorobutanesulfonic acid (PFBS)	100	0.71 J	0.96 J	ND	ND	0.71 J	1.0 J	ND	1.1 J
Perfluorohexanesulfonic acid (PFHxS)	100	3.8	1.5 J	5.0	ND	ND	1.1 J	ND	1.3 J
Perfluorooctanesulfonate acid (PFOS)	10	6.0	1.9	11	1.8	0.94 J	4.5	ND	2.0
1H, 1H, 2H, 2H-perfluorooctanesulfonic acid	100	ND	ND	ND	1.1 J	ND	ND	ND	ND
Total Compounds	500	14.86	25.76	22.64	2.90	10.95	13.74	0.62 J	26.40

NOTES:

- All results reported in ng/L (parts per trillion)
- All analytical results have been validated by NYSDEC personnel (Attachment 1).
- ND = Compound not detected above method detection limit
- J = Estimated concentration between the method detection limit (MDL) and the reporting limit (RL).
- J- = The analyte was positively identified; the associated numerical value is an estimated quantity that may be biased low.
- Boldfaced font/highlighted cell indicates exceedance of the applicable NYSDEC Guidance Value
- * Duplicate collected at well B1231-MW-03



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General Site Map

Updated By : JJJ

Figure: 2

Date: November - 2020

Not to Scale

**Germany, Road
Verona, NY**

LEGEND

B1243-W05



- Groundwater Monitoring Well Location

**Sampled on 10/21/20 - Not necessarily
representative of all onsite monitoring wells.*

