Table 1
Concentrations of Volatile Organic Compounds and 1,4-Dioxane in Monitoring Wells TT-102D and TT-102D2
Fourth Quarter 2018, Operable Unit 2 (Groundwater)
Bethpage, New York.

ARCADIS Design & Consultancy for natural and built assets

Constituent (units in µg/L)	Well: Sample ID: Date:	TT-102D TT-102D 12/7/2018	TT-102D2 TT-102D2 12/7/2018
Volatile Organic Compounds (VOCs) (1)			
1,1,1-Trichloroethane		< 1.0	< 1.0
1,1,2,2-Tetrachloroethane		< 1.0	< 1.0
1,1,2-trichloro-1,2,2-trifluroethane		< 1.0	< 1.0
1,1,2-Trichloroethane		< 1.0	< 1.0
1,1-Dichloroethane		< 1.0	< 1.0
1,1-Dichloroethene		< 1.0 J	< 1.0 J
1,2-Dichloroethane		< 1.0	< 1.0
1,2-Dichloropropane		< 1.0	< 1.0
2-Butanone (MEK)		< 5.0	< 5.0
2-Hexanone		< 5.0 J	< 5.0 J
4-methyl-2-pentanone (MIK)		< 5.0	< 5.0
Acetone		< 5.0	< 5.0
Benzene		< 0.50	< 0.50
Bromodichloromethane		< 1.0	< 1.0
Bromoform		< 1.0	< 1.0
Bromomethane		< 2.0	< 2.0
Carbon Disulfide		< 1.0	< 1.0
Carbon tetrachloride		< 1.0	< 1.0
Chlorobenzene		< 1.0	< 1.0
Chloroethane		< 1.0	< 1.0
Chloroform		< 1.0	< 1.0
Chloromethane		< 1.0	< 1.0
cis-1,2-dichloroethene		< 1.0	< 1.0
cis-1,3-dichloropropene		< 1.0	< 1.0
Dibromochloromethane		< 2.0	< 2.0
Ethylbenzene		< 1.0	< 1.0
Methylene Chloride		< 0.50	< 0.50
Styrene		< 1.0	< 1.0
Tetrachloroethene		< 1.0	< 1.0
Toluene		< 1.0	< 1.0
trans-1,2-dichloroethene		< 1.0	< 1.0
trans-1,3-dichloropropene		< 1.0	< 1.0
Trichloroethylene		< 1.0	< 1.0
Vinyl Chloride		< 1.0	< 1.0
Xylene-o		< 1.0	< 1.0
Xylenes - m,p		< 2.0	< 2.0
Total VOCs (2)		0	0
1,4-Dioxane (3)		0.46	< 0.25

Notes and Abbreviations on next page.

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Notes and Abbreviations:

(1) Samples were analyzed for the TCL VOCs using USEPA Method 524.2
(2) Total VOCs are rounded to two significant figures.
(3) Samples were analyzed for 1,4-Dioxane using USEPA Method 8270D SIM

Results validated following protocols specified in OU2 Groundwater Monitoring Plan (ARCADIS 2016).

Bold	Constituent detected
SIM	Selected Ion Monitoring
TCL	Target Compound List
USEPA	United States Environmental Protection Agency
VOC	Volatile Organic Compound
J	Constituent value is estimated
µg/L	Micrograms per liter
<0.50	Compound not detected above its laboratory detection limit