

Geosyntec Updated Monitoring Schedule

Indian River County Landfill July 2023 Semiannual Event												
Sample Name	MW-3S	MW-14S	MW-44S	MW-44I	MW-53S	MW-54S	MW-54I	DUP-C1	SW-MW-14S	SW-MW-53S	SW-MW-54S	C5-SW1
Landfill	Class 1	Class 1	Class 1	Class 1	Class 1	Class 1	Class 1	Class 1				
Testing Method												
Field Parameters*	X	X	X	X	X	X	X	X	X	X	X	X
Laboratory Parameters												
Ammonia - N, Total (EPA Method 350.1)	X	X	X	X	X	X	X	X	X	X	X	X
Chlorides (EPA Method 300.0)	X	X	X	X	X	X	X	X				
Iron (EPA Method 6020)	X	X	X	X	X	X	X	X				
Mercury (EPA Method 7470)	X	X	X	X	X	X	X	X				
Nitrate (EPA Method 300.0)	X	X	X	X	X	X	X	X				
Sodium (EPA Method 6020)	X	X	X	X	X	X	X	X				
Total Dissolved Solids (TDS)	X	X	X	X	X	X	X	X				
Inorganic Constituents*	X	X	X	X	X	X	X	X				
Organic Constituents*	X	X	X	X	X	X	X	X				
EPA Method 8011 Parameters*	X	X	X	X	X	X	X	X				

Note:

*See attached for testing method breakdown

Indian River County Landfill 2023 Class 1 Quarterly Sampling Event												
Sample Name	MW-3S	MW-14S	MW-44S	MW-44I	MW-53S	MW-54S	MW-54I	DUP-C1	SW-MW-14S	SW-MW-53S	SW-MW-54S	C5-SW1
Testing Method												
Field Parameters*	X	X	X	X	X	X	X	X	X	X	X	X
Laboratory Parameters												
Ammonia - N, Total (EPA Method 350.1)	X	X	X	X	X	X	X	X	X	X	X	X
Chlorides (EPA Method 300.0)	X	X	X	X	X	X	X	X				
Iron (EPA Method 6020)	X	X	X	X	X	X	X	X				
Mercury (EPA Method 7470)	X	X	X	X	X	X	X	X				
Nitrate (EPA Method 300.0)	X	X	X	X	X	X	X	X				
Sodium (EPA Method 6020)	X	X	X	X	X	X	X	X				
Total Dissolved Solids (TDS)	X	X	X	X	X	X	X	X				
Inorganic Constituents*	X	X	X	X	X	X	X	X				
Organic Constituents*	X	X	X	X	X	X	X	X				
EPA Method 8011 Parameters*	X	X	X	X	X	X	X	X				

Note:

*See attached for testing method breakdown

Indian River County Landfill
2023 C&D Quarterly Sampling Event

Sample Name	MW-21S	MW-40S	MW-49S	MW-50S	MW-51S	MW-52S	DUP-CD	SW-LC1	SW-LC3	LC-SW4	LC-SW6	DUP-SW	LC-SW4	LC-SW6
Testing Method														
Field Parameters^(a)	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Laboratory Parameters														
Ammonia - N, Total (EPA Method 350.1)	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Iron (EPA Method 6020)	X	X	X	X	X	X	X	X	X	X	X	X		
Nitrogen (total) (EPA Method 351.2)	X	X	X	X	X	X	X	X	X	X	X	X		
Sodium (EPA Method 6020)	X	X	X	X	X	X	X	X	X	X	X	X		
Total Dissolved Solids (TDS)	X	X	X	X	X	X	X	X	X	X	X	X		
Total Phosphorus as P (EPA Method 365.2)	X	X	X	X	X	X	X	X	X	X	X	X		

Note:

^(a) See attached for testing method breakdown

Field Parameters

Static water level in well before purging
Dissolved oxygen
pH
Specific conductivity
Temperature
Turbidity
Colors and sheens (by observation)

EPA Method 8011 Parameters:

1,2-Dibromo-3-chloropropane
1,2-Dibromoethane

Inorganic Constituents:

Antimony (total)
Arsenic (total)
Barium (total)
Beryllium (total)
Cadmium (total)
Chromium (total)
Cobalt (total)
Copper (total)
Lead (total)
Nickel (total)
Selenium (total)
Silver (total)
Thallium (total)
Vanadium (total)
Zinc (total)

Organic Constituents:

1,1,1,2-Tetrachloroethane
1,1,1-Trichloroethane (Methylchloroform)
1,1,1,2-Tetrachloroethane
1,1,2-Trichloroethane
1,1-Dichloroethane (Ethylidene chloride)
1,1-Dichloroethylene (1,1-Dichloroethene), (Vinylidene chloride)
1,2,3-Trichloropropane
1,2-Dibromo-3-chloropropane (DBCP)
1,2-Dibromoethane (Ethylene dibromide), (EDB)
1,2-Dichloroethane (Ethylene dichloride)
1,2-Dichloropropane (Propylene dichloride)
2-Hexanone (Methyl butyl ketone)
4-Methyl-2-pentanone (Methyl isobutyl ketone)
Acetone
Acrylonitrile
Benzene
Bromochloromethane
Bromodichloromethane
Bromoform (Tribromomethane)
Carbon disulfide
Carbon tetrachloride
Chlorobenzene
Chloroethane (Ethyl chloride)
Chloroform (Trichloromethane)

cis-1,2-Dichloroethylene (cis-1,2-Dichloroethene)
cis-1,3-Dichloropropene
Dibromochloromethane (Chlorodibromomethane)
Ethylbenzene
Methyl bromide (Bromomethane)
Methyl chloride (Chloromethane)
Methyl ethyl ketone (2-Butanone), (MEK)
Methyl iodide (Iodomethane)
Methylene bromide (Dibromomethane)
Methylene chloride (Dichloromethane)
o-Dichlorobenzene (1,2-Dichlorobenzene)
p-Dichlorobenzene (1,4-Dichlorobenzene)
Styrene
Tetrachloroethylene (Tetrachloroethene), (Perchloroethylene)
Toluene
trans-1,2-Dichloroethylene (trans-1,2-Dichloroethene)
trans-1,3-Dichloropropene
trans-1,4-Dichloro-2-butene
Trichloroethylene (Trichloroethene)
Trichlorofluoromethane (CFC-11)
Vinyl acetate
Vinyl chloride
Xylenes