



Ground Fix Remediation – Bioremediation Facility Guidelines

Facility Waste Approval Policy:

Prior to approval for receiving contaminated soil and asbestos containing material, Ground Fix Remediation must receive the following from the "Generator" of the waste:

- A completed Waste Approval Application (WAA); and
- Current laboratory analytical report (with minimum BTEX/TPH, metals and PAH analysis). If other contaminants of concern are present on site, supporting soil analytical lab report is also required.

Contaminated Soil Disposal Fees:

Disposal Fees are on a case by case basis and are dependent on the volume and concentration of contaminants present in the soil to be received. A formal quotation from Ground Fix Remediation should be requested in advance.

Disposal Guidelines:

Contaminant levels are based on NS Environment guidelines and Ground Fix Remediation operating permit

Acceptable for Bioremediation:

Organic Parameters	Total Treatable (mg/kg)
Aliphatic Hydrocarbons (each)	3,000
Chlorinated Aliphatics (each)	1,000
Chlorobenzenes	200
Phenolics	200
Benzene	No Free Product
Toluene	
Ethylbenzene	
Xylenes	
Styrene	
Modified TPH (> 2,000 mg/kg)	
Polycyclic Aromatic Hydrocarbons (PAH)	
• Naphthalene	
• Other	
• Sum of All	



Acceptable for Direct Disposal:

“*” indicates high levels may be accepted if leachate analysis (TCLP) criteria is met.

Inorganic Parameters	Total * (mg/kg)	Leachate (mg/l)
Aluminum	N/A	500
Antimony	40	N/A
Arsenic	50	5
Barium	2,000	100
Beryllium	8.0	10
Boron	2	500
Cadmium	20	0.5
Chromium (VI)	8	0.5
Chromium (Total)	800	5
Cobalt	300	5
Copper	500	100
Cyanide (Free)	100	4
Cyanide (Total)	500	20
Fluoride (Total)	2,000	N/A
Lead	1,000	5
Lithium	N/A	250
Mercury	10	0.1
Molybdenum	40	5
Nickel	500	20
Selenium	10	1
Silver	40	5
Sulphur	500	50,000
Thallium	1	N/A
Tin	300	N/A
Uranium	N/A	2
Vanadium	200	10
Zinc	1,500	500
Organic Parameters	Total (mg/kg)	
Aliphatic Hydrocarbons (each)	150*	
Chlorinated Aliphatics (each)	50*	
Chlorobenzenes (each)	10*	
Phenolics	10*	
Benzene	5	
Toluene	30	
Ethylbenzene	50	
Xylene	50	
Styrene	48	
Modified TPH (<2,000 mg/kg)	<2,000	
Polycyclic Aromatic Hydrocarbons		
• Naphthalene	10*	
• Other	10*	
• Sum of All	50*	