

Landfill Leachate Treatment Pilot in Michigan.

System Configuration



PFAS Removal Performance



Raw Leachate –
21,000 gallons
treated

| Concentration (ng/L) | Influent | Effluent |
|----------------------|----------|---------------|
| PFOS | 310.8 | < 12 ng/L |
| PFOA | 1046.4 | < 170 ng/L |
| PFHxS | 538.5 | < 210 ng/L |
| PFBS | 3658.0 | < 67,000 ng/L |
| PFNA | 57.4 | < 30 ng/L |

- Operation Duration: **20** days
- Backwash: **None**
- Backpressure: < **10** psi

MI EGLE WQV
Compliant

Media Loading: 60kg per vessel in Lead-Lag configuration
Flow Rate: **1.0** gpm (average)

Influent PFAS Level: 22-26 ppb
EBCT – 35 Min Per Vessel