

# GROUNDWATER AND FIELD SAMPLING SERVICES

## EMT Provides Expert Groundwater Monitoring Services



Groundwater wells associated with landfills, water supplies, USTs, remediation projects, beneficial re-use sites, industrial site monitoring, lagoons and closure plans require monitoring at regular intervals as dictated by the regulating authority. EMT provides surface water, leachate, fugitive emissions and landfill gas sampling at numerous RCRA and solid waste facilities throughout the Midwest.

In addition to developing appropriate sampling protocols, EMT's field and technical personnel are equipped and trained to properly perform the necessary tasks involved with sample and data collection. These include:

- 40-hour OSHA-trained sampling crew for work at RCRA and Superfund sites
- 4-wheel drive trucks for all-weather and remote access
- Micro-purge (low flow) sampling technology. Experience with hand-bailing techniques
- New well development
- Well integrity maintenance and repairs
- Lab analysis of all samples at full-service NELAC-accredited lab
- Deliverables include site-specific requirements such as: water levels, well integrity data, completion of IEPA CAF files
- Computer generation and electronic submission of regulatory compliance reports

EMT's full-service analytical laboratory is accredited by NELAC, WDNR and A2LA to the ISO 17025 standard. EMT's NELAC accreditation is one of the most comprehensive for Illinois-based labs and includes a variety of methods for analyzing wastewater, drinking water and hazardous waste samples.

EMT's close proximity to many of the sites in the Midwest where sampling takes place, allows for the efficient analysis of short hold-time parameters such as Biochemical Oxygen Demand (BOD) among others.

EMT's state-of-the-art analytical instrumentation ensures that all analysis meets permit requirements for method detection limits and quantification limits for both inorganic and organic parameters.

ENVIRONMENTAL  
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