

MONITORING WELLS · PIEZOMETRIC

Monitoring Well Drilling Services







Groundwater monitoring wells, piezometric measurement wells, and contamination-monitoring well networks — designed and drilled to ASTM and EPA standards.

ASTM D5092 Compliant · EPA Protocols · ISO 17025 Lab
· KEPA-Aligned



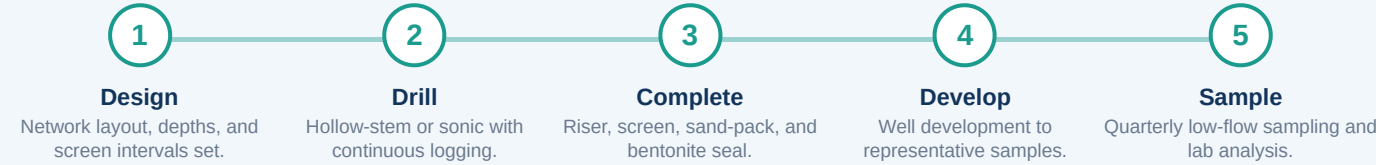
Track the water table. Detect contamination.

Vision International drills monitoring well networks for groundwater levels, piezometric pressure, and contaminant detection — across upstream oilfield concessions, refinery sites, and industrial areas in Kuwait, Saudi Arabia, and the GCC. Wells are constructed to ASTM D5092 and EPA Region-specific protocols, with hollow-stem auger or sonic methods for clean undisturbed lithology, dual-walled casing for contaminant containment, and dedicated low-flow sampling systems for VOC and metals analysis. Our ISO 17025 lab handles the chemistry — chain-of-custody preserved end to end.

 <p>Hollow-Stem Auger</p> <p>Hollow-stem auger drilling for shallow monitoring wells — minimal-disturbance lithology and sampling.</p>	 <p>Sonic Drilling</p> <p>Sonic drilling for high-recovery, contaminant-isolated samples — preferred for KEPA Phase II ESA.</p>	 <p>Contamination Wells</p> <p>Dual-walled casing and grouted seals for contaminant-monitoring wells — VOC, BTEX, and metals.</p>
 <p>Piezometric Wells</p> <p>Vibrating-wire and standpipe piezometers — for groundwater pressure and head monitoring.</p>	 <p>Low-Flow Sampling</p> <p>Dedicated low-flow pumps and protocols — minimal turbidity, defensible sample chemistry.</p>	 <p>Lab Integration</p> <p>ISO 17025 lab with chain-of-custody — VOC, BTEX, TPH, metals, and inorganic chemistry.</p>

HOW WE WORK

From Network Design to Monitoring Round



Groundwater monitoring or Phase II ESA?
 ASTM-compliant well design · ISO 17025 chemistry · Quarterly sampling contracts.
 Network design within 1 week.

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Full Monitoring Well Service Offering

ASTM D5092

EPA Protocols

KEPA-Aligned

Chain-of-Custody

DRILLING METHODS

- Hollow-stem auger drilling
- Sonic drilling (Geoprobe, Boart Longyear)
- Direct-push (DPT) sampling
- Air-rotary for deep monitoring wells
- Mud-rotary with controlled fluids
- Continuous lithology and PID logging
- Sealed-core sampling for VOC analysis

WELL CONSTRUCTION

- Schedule 40/80 PVC well construction
- Stainless-steel screens for VOC wells
- Sand-pack and bentonite-seal placement
- Cement-bentonite grout completions
- Flush-mount and stick-up wellheads
- Locking caps and security collars

SAMPLING & MONITORING

- Low-flow purge-and-sample protocols
- Dedicated and portable sampling pumps
- Bailers for shallow water-table wells
- Multi-parameter water-quality probes
- Quarterly sampling contracts
- Long-term level data-logger networks

ANALYSIS & REPORTING

- ISO 17025 chemistry analysis
- VOC, BTEX, TPH, and PAH analysis
- Heavy metals (RCRA-8) analysis
- Major ions and inorganic chemistry
- Engineer-signed quarterly reports
- KEPA / EPA-format submittals

The Vision Difference — Why Clients Choose Us



Integrated Delivery

Field crews, senior engineers, and accredited ISO 17025 laboratory under one roof — no hand-off delays, no subcontractor gaps.



Engineer-Led Reports

Every deliverable is signed by a senior chartered engineer — findings interpreted for design, not delivered as raw data.



Schedule-Driven

Owned equipment, owned laboratory, owned teams. We hit oil & gas, MPW, KOC, and EPC schedules — every time.

Sectors We Serve

Oil & Gas

Refineries & Petrochem

Environmental Authorities

Industrial

Power Generation

Government

2004

ESTABLISHED

2000+

PROJECTS DELIVERED

4

ISO CERTIFICATIONS

Kuwait

& GCC COVERAGE