



# CAPABILITY STATEMENT

Providing precision environmental testing for federal and state agencies.

**From Field to Lab - The shortest distance between sample and solution.**

## DIFFERENTIATORS

- **Local Expertise:** Alaska-based, with a commitment to Alaska's communities
- **Faster Turnaround:** Local operations shorten transport time and streamline reporting-delivering results faster than out-of-state alternatives
- **Regulatory Confidence:** EPA-approved, ISO/ASTM/NIOSH-compliant methods
- **Veteran-Led Discipline:** Service, accountability, and mission focus
- **Dependable Data:** Defensible results that meet federal and state requirements
- **Digital Accountability:** Integrated Thermo Fisher™ LIMS delivers end-to-end traceability, automated notifications, and encrypted client portals for real-time transparency

## WHO WE ARE

**Tundra Testing is a veteran-led, Alaskan-owned laboratory based in Anchorage. We provide precision environmental testing for soil, water, air, and biological materials. Strategically located near Ted Stevens Anchorage International Airport, we reduce logistical delays and deliver mission-critical results that meet or exceed federal regulatory standards.**

## CORE CAPABILITIES

- **Soil & Solid Waste Analysis:** Petroleum hydrocarbons (GRO, DRO, RRO), toxic metals, PCBs, pesticides, explosives, lead in paint/dust
- **Water Testing:** Drinking water, groundwater, wastewater, surface water, trace metals, hydrocarbons, pH, TDS
- **Air & Gas Sampling:** Lead in filters, VOCs, solvents
- **Biological & Tissue Analysis:** Metals and PCBs in fish, wildlife, and subsistence foods
- **Compliance-Ready Reporting:** EPA, ISO, ASTM, and NIOSH validated methods

# OUR TEAM



**Billy Hughes - Founder & CEO**

Billy's is a veteran and Bronze Star recipient with extensive leadership experience in high-stakes environments, from managing multi-million-dollar assets in the U.S. Army to overseeing safety and compliance operations in Alaska's healthcare sector. He holds both a B.A. and M.B.A. from the University of Alaska Anchorage and has led teams in real estate, safety management, and environmental operations. His background in risk management, regulatory compliance, and complex project coordination directly supports Tundra Testing's mission to deliver accurate, defensible results for federal, state, and commercial clients.



**Hemex Patel -  
Laboratory Director**

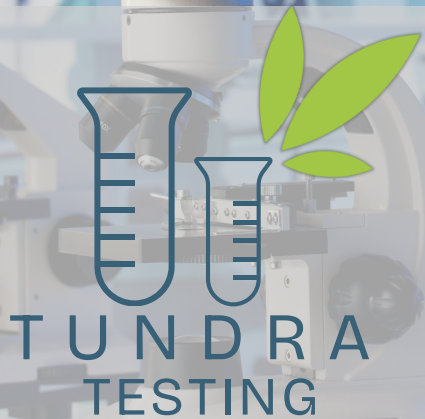
Hemex Patel is a senior laboratory and operations leader with over 25 years of experience in environmental testing and analytical laboratory management. He has led laboratory operations under EPA/DEP regulatory frameworks, overseeing workflow, instrumentation, EHS compliance, budgeting, and strategic planning while driving operational efficiency and quality improvement. He has directed cross-functional laboratory teams across metals, GC, and GCMS disciplines, with expertise in method development, QA systems, LIMS optimization, and turnaround time improvements. Hemex holds a Bachelor of Science in Chemical Engineering from D.D.I.T College of Engineering in Gujarat, India, and completed graduate studies in Chemical Engineering at the New Jersey Institute of Technology.



**Scott E. Arbet, M.S. -Chief  
Science Officer (CSO / COO)**

Scott brings more than a decade of molecular biology and environmental laboratory experience to Tundra Testing. He has directed the buildout and accreditation of laboratories to ISO/IEC 17025:2017, NELAP, NLLAP, and Alaska DEC CS-LAP standards, authoring QA systems and SOPs to ensure defensible data. His expertise spans ICP-MS, UHPLC/HPLC, PCR, GC, and other advanced analytical techniques, with a strong record of method development, validation, and compliance. Prior to leading Tundra Testing, Scott founded a biotech startup, conducted federally funded research at West Virginia University, and taught molecular biology and capstone courses at the university level.

# COMPANY INFORMATION



## CONTACT

-  (907) 931-9310
-  [info@tundrateesting.com](mailto:info@tundrateesting.com)
-  [www.tundrateesting.com](http://www.tundrateesting.com)
-  1443 West Northern Lights Blvd  
Units W/X, Anchorage, Alaska 99503

## NAICS CODES

**541380 – Testing Laboratories**

### 8 Digit SIC

- **87340102 – Chemical Laboratory**
- **87340105 – Materials Testing Laboratory**
- **87340106 – Pollution Testing Laboratory**
- **87340110 – Water Testing Laboratory**
- **87349906 – Soil Testing Laboratory**

### 6 Digit SIC

- **8734-01 Soil Testing**
- **8734-02 Lab Testing**
- **8734-14 Laboratories-Analytical**
- **8734-24 Laboratories-Metallurgical**
- **8734-25 Laboratories-Petroleum**
- **8734-39 Testing Equipment-Environmental**
- **8734-43 Soil Analysis**
- **8734-48 Water Testing**
- **8734-57 Laboratories Water & Waste Water**
- **8734-26 Oil Well Core Analysis**

## REGISTRATIONS

- **Registered Company Name: Tundra Testing LLC**
- **Year of Incorporation: 2023**
- **State of Incorporation: Alaska**
- **Entity Number: 10230953**
- **Business License: 2179797**
- **EIN: 923805307**
- **VSS: VS015131**
- **CAGE: 15NN5**
- **UEI: ZCPFEMH4J865**
- **AK IRIS: VS015131**

## ACCREDITATIONS & CERTIFICATIONS

- **A2LA ISO/IEC 17025**
- **NELAP/NLLAP**
- **CS-LAP**
- **SDVOSB: Service-Disabled Veteran-Owned**
- **VOSB: Veteran-Owned Small Business**

PROCEDURE	10 DAY	5 DAY	3 DAY	48HR	24HR
Gasoline-Range Organics (GRO, C <sub>6</sub> -C <sub>10</sub> )	\$184	\$220.80	\$276	\$368	\$552
Diesel Range Organics (C <sub>10</sub> - C <sub>25</sub> , DRO)	\$207	\$248.40	\$310.50	\$414	\$621
Residual-Range Organics (RRO, C <sub>25</sub> -C <sub>36</sub> )	\$270.25	\$324.30	\$405.37	\$540.50	\$810.75
Determination of PCBs (Aroclors)	\$224.25	\$269.10	\$336.38	\$448.50	\$672.75
Organochlorine Pesticides (OCPs)	\$339.25	\$407.10	\$508.87	\$678.50	\$1,017.75
Toxic Metals	\$172.50	\$207	\$258.75	\$345	\$517.50
Total Mercury (Hg)	\$166.75	\$200.10	\$250.12	\$333.50	\$500.25
Analysis of Nitroaromatic and Nitramine Explosives (TNT, RDX, HMX)	\$402.50	\$483	\$603.75	\$805	\$1,207.50
Lead (Pb) in Paint Chips	\$80.50	\$96.60	\$120.75	\$161	\$241.50
Lead (Pb) in Settled Dust (Bulk & Wipes) by Acid Digestion	\$97.75	\$117.30	\$146.62	\$195.50	\$293.25
Trace Metals (21 Elements)	\$299	\$358.80	\$448.50	\$598	\$897
pH Measurement	\$34.50	\$41.40	\$51.75	\$69	\$103.50
Total Dissolved Solids (TDS)	\$69	\$82.80	\$103.50	\$138	\$207
Total Petroleum Hydrocarbons – Gasoline Range Organics (GRO, C <sub>6</sub> -C <sub>10</sub> ) and Diesel Range Organics (DRO, C <sub>10</sub> -C <sub>28</sub> )	\$339.25	\$407.10	\$508.87	\$678.50	\$1,017.75
Lead (Pb) on Air-Filter Samples	\$97.75	\$117.30	\$146.62	\$195.50	\$293.25
Industrial Solvents (Aromatic VOCs – e.g, benzene, toluene, ethyl-benzene, xylenes, styrene, cumene)	\$276	\$331.20	\$414	\$552	\$828
Metals (As, Cd, Hg, Pb, etc.) in Biological and Tissue Samples Category – Biological /Tissue Matrices (Subsistence and Food-Chain Studies)	\$368	\$441.60	\$552	\$736	\$1,104
Polychlorinated Biphenyls (PCBs, Aroclors)	\$373.75	\$448.50	\$560.62	\$747.50	\$1,121.25