



# Anatek Labs, Inc.

## Statement of Qualifications

### **Introduction**

Anatek Labs, Inc. is a full service environmental testing laboratory with offices in Moscow, ID and Spokane, WA. Anatek was founded in 1992 and has continued to grow since.

Anatek operates with a staff of 28 technical and administrative personnel. Anatek's facilities occupy over 12,000 square feet of laboratory and administrative space, with designated areas for sample receiving, refrigerated sample storage, chemical storage, sample preparation and analysis. There is also designated space for container and bottle preparation and shipping.

All data is collected via a dedicated LIMS and backed up daily. The IT section maintains redundancy of servers to guarantee the safety of all stored data. Backup systems are maintained in the event of emergency.

Anatek's clients have included the US Army Corps of Engineers, Ft. Lewis, WA, Idaho Department of Environmental Quality, and City of Spokane among others.

### **Analytical Laboratory Services**

The analytical testing capabilities of Anatek include requirements mandated by federal, state and local regulatory agencies. Anatek uses analytical methods approved by the Federal Environmental Protection Agency (EPA), Idaho Department of Health, Florida Department of Environmental Protection, Washington Department of Environmental Quality, Montana Department of Health, Oregon Department of Environmental Quality, Nevada Bureau of Health Protection, Arizona Department of Health Services, New Mexico Drinking Water Bureau, and EPA Region 8, including Wyoming. Anatek provides analytical testing services for underground storage tanks (UST), private and commercial wells, radiochemistry parameters, sludges and compost testing.

Sophisticated equipment is operated by experienced chemists and microbiologists. A carefully developed Quality Assurance (QA) plan has been developed to ensure data reliability. To this end procedures have been developed to ensure the highest quality data. All analytical techniques and data are reviewed on a regular basis to ensure quality. Quality control procedures are built into all analytical programs to further verify data. Computer hardware and software have been integrated with laboratory analytical instrumentation allowing the validation of instrument performance.

## **Summary of Professional and Support Personnel**

Our team of professionals comes from a diverse background and a wide variety of disciplines. Anatek Labs currently employs over 30 people across two laboratories.

22 Chemists  
2 Lab Technicians  
2 Quality Assurance Specialists  
1 Systems Administrator  
5 Administrative Specialists  
2 Shipping and Receiving Specialists

## **Resumes of Key Personnel**

### **Mike Pearson**

Mike Pearson is the owner and Laboratory Director of Anatek Labs. He started the company in 1992. Mr. Pearson has years of experience working in environmental analytical laboratories with duties including laboratory set up, instrument acquisition, analytical method development and instrument maintenance and calibration. Mr. Pearson's background includes analysis of organic, inorganic, and pharmaceutical parameters using methods that comply with State and Federal regulations including CWA, SDWA, GLP, UST, RCRA, and NPDES requirements.

Mr. Pearson holds a B.S. in Engineering from the University of Idaho and has completed course work in chemistry at Washington State University.

### **Todd Taruscio**

Todd Taruscio serves as Lab Manager for Anatek Labs-Moscow. Mr. Taruscio holds a BS in biochemistry from Washington State University in 1989 and a Ph.D. in Zoophysiology from WSU in 1994. Todd joined the Anatek Labs staff in 2006 from the Analytical Sciences Lab at the University of Idaho where he served as Organic Group Leader. In addition to serving as Lab Manager, Todd is responsible for technical leadership for both laboratory locations. Todd serves as internal and external technical support as well as researching new technologies for the company.

### **Kathy Sattler**

Kathy Sattler oversees the Spokane Facility. Ms. Sattler joined Anatek in 1996 as the Microbiology Supervisor and is currently the Laboratory Manager. She has a B.S. in Microbiology with a minor in Chemistry from the University of Idaho. Ms. Sattler's background includes experience with drinking water, wastewater, soils and microbiological analyses in accordance with EPA and Standard methods approved by state and federal agencies.

### **Erin Linskey**

Erin Linskey started with Anatek in 1998 as a Laboratory Technician. He is currently the Inorganic Supervisor. Mr. Linskey has a B.S. in Biology from the University of Idaho. Mr.

Linskey's background includes experience with EPA and Standard methods for wet chemistry, metals and microbiology. He specializes in low-level mercury analysis by cold vapor atomic fluorescence spectrometry, as well as ICP-OES and ICP-MS analysis for the determination of inorganic compounds in drinking and wastewater, soils and solids.

### **Gene Solomon**

Gene Solomon is Anatek's Quality Assurance Officer and came to Anatek after more than ten years as a software trainer and GMP validation consultant with Blue Mountain Quality Resources. He has also served as Quality Assurance Officer for an FDA GLP-compliant bio-analytical laboratory. In addition to his TNI, EPA, and FDA experience, he also has a background in software validation, calibration, and GLP and GMP compliance. Mr. Solomon maintains all performance testing records and all state certifications.

## **Professional Licensing and Certifications**

Anatek maintains drinking water certification with nine states and wastewater certification with five. Anatek also maintains certification in Washington, Nevada, and Arizona for soils and chemical materials.

Anatek is certified in the state of Florida and the state of Oregon through The NELAC Institute (TNI, formerly NELAP) for analysis of drinking water and non-potable water, including radiochemistry analysis for gross alpha, gross beta, radium-226, and radium-228.

Drinking water and microbiological testing certification is maintained in Idaho. Drinking and wastewater certifications, as well as microbiological testing certifications, are maintained in Washington.

Drinking water certification is maintained in Montana, Nevada, New Mexico, Arizona, and EPA Region 8, including Wyoming. In addition, Anatek Labs has been certified by the Environmental Protection Agency for analysis of drinking water under the UCMR2, UCMR3, and UCMR4 programs (Unregulated Contaminant Monitoring Regulation, Phases 2, 3, & 4).

Anatek – Spokane is also accredited by the Washington State Liquor & Cannabis Board for cannabis quality assurance testing.

## **Quality Assurance Program**

Anatek Labs, Inc. has integrated many Quality Assurance (QA) practices into its measurement activities. These QA practices are designed to generate high quality data in an efficient and cost effective manner. Anatek has a laboratory-wide Quality Assurance (QA) Program designed to assess and monitor the ongoing quality of the testing performed in its facilities. Its purpose is to identify and correct problems as they occur and, if possible, to determine in advance potential problem areas and institute measures for their resolution.

It is the policy of Anatek Labs that there shall be sufficient Quality Assurance activities conducted to ensure that all data generated and processed will be scientifically valid and of known and documented quality. All data generated, unless acknowledged and authorized by the submitting party, will be of known precision and accuracy and legally defensible. Quality Assurance activities are designed in the most cost-effective fashion possible without compromising data quality objectives. The laboratory staff adheres to the requirements and specifications of the laboratory Quality Assurance Plan. All data reported meets the applicable requirements for NELAC, EPA and/or any State specific methods used.

Anatek Moscow Equipment List - May  
2018

Type	Manufacturer	Model	Description
API 4000	APPLIED BIOSYSTEMS	API 4000	HPLC/MS/MS
API-3000	PE SCIEX	API-3000	TRIPLE QUAD MS/MS
ECD1	HP	7683	AUTOSAMPLER
ECD1	HP	HP6890	GC SYSTEM
ECD2	HP	HP6890	GC SYSTEM
FIA	OI ANALYTICAL	FS 3000	ANALYZER
FID1	HP	6890	GC SYSTEM
FID2	AGILENT	6890N	GC SYSTEM
GCMSMS	AGILENT	7890B	GC SYSTEM
GFPC	PROTEAN	MPC 9604	GAS FLOW PROPORTIONAL COUNTER
HPLC #2	SHIMADZU	RF20A	FLUORESCENCE DETECTOR
ICP	VARIAN	720-ES	ICP-OES
ICP-MS	AGILENT	G3281A	ICP-MS 7700X
IONS	METROHM	761	COMPACT IC
IONS	METROOHM	882	COMPACT IC PLUS
Mercury Analyzer	CETAC	M8000	Hg Analyzer
MSD2	AGILENT	6890N	GC SYSTEM
MSD3	AGILENT	7890B	GC SYSTEM
OIL & GREASE	HORIZON	3000XL	EXTRACTOR
SATURN 2100	Varian	2100T	GC/MS
TOC ANALYZER	SHIMADZU	TOC-Vcsh	TOC ANALYZER
VARIAN 1200	VARIAN	CP-3800	GC
VARIAN 4000	VARIAN	4000	GC SYSTEM
VOC1	Agilent	6890N	GC

Anatek Labs Equipment List - Spokane - May 2018

Type	Manufacturer	Model	Description
BOD	Hach	HQ40d	Meter
BOD	GCA/Precision Scientific	FREAS 818	Incubator
BTU	Parr	1341EB	Oxygen Bomb Calorimeter
Conductivity	Hach	HQ40d	Meter
FIA	Lachet	QUIKCHEM 8500	Analyzer
FOG	CPI Instruments		
GC/ECD	Hewlett Packard	5890 SERIES II	GC
GC/FID	Hewlett Packard	5890 SERIES II	GC
GC/FID	Hewlett Packard	6890 SERIES II	GC
GC/MS 6890	Hewlett Packard	6890 SERIES PLUS	GC
GC/MS	Hewlett Packard	5890 SERIES II PLUS	GC
GC/MS 5890	Hewlett Packard	5890 SERIES II PLUS	GC
GC/PID/FID	TEKMAR	LSC 2000	
Gross $\alpha$ and $\beta$ counter	Protean Instrument	IPC650	Windowless Gas Flow Proportional Counter
HPLC	Agilent Technology	G1314B	UV
IC	Metrohm Peak	761	Compact IC
ICPMS	Agilent	7800	ICPMS
Mercury Analyzer	Cetac	M-7600	Analyzer
TOC	DOHRMANN PHOENIX	8000	
TOX	MITSUBISHI MCI MICROCOULOMETER		Analyzer