



JANUARY 2012

PDC Laboratories, Inc. Statement of Qualifications

*PDC Laboratories, Inc.
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Foreword

Special Interest:

- 75-year tradition of client service excellence in the environmental field.
- Privately held, PDC's owners are close to operations.
- NELAC accredited laboratory
- Financially Secure!



PDC Laboratories Inc. (PDC) appreciates your interest in our analytical services. We understand that there are many regional and national environmental laboratories competing for your analytical projects. However, we truly believe that PDC should be your choice for all your analytical needs!

PDC Laboratories, Inc. is part of a family of environmental companies that enjoys a 75-year tradition of client service excellence. Privately held, PDC's owners and management are close to the company's operations to ensure customer satisfaction. This relationship allows our company to quickly identify and respond to changing regulatory, technological and market conditions. Financial stability and consistency of ownership are crucial factors to our success.

Please take a few minutes to review the information provided. In short, PDC exists to assist our clients protect our environment and overcome environmental challenges in doing so. We look forward to meeting with you and invite you to visit our laboratory facility at any time.

Our Mission

The mission of PDC Laboratories, Inc. is to provide services with demonstrable quality in a fashion that meets our clients' needs and those of any applicable regulatory requirement. In support of this mission, our quality assurance program has been implemented as an integral part of laboratory management and laboratory practice. From the first analysis through each subsequent analysis, our staff of professionals is committed to high quality service. We treat each sample as though it were our own.

John LaPayne

Vice President-Laboratory Services

Statement of Qualifications

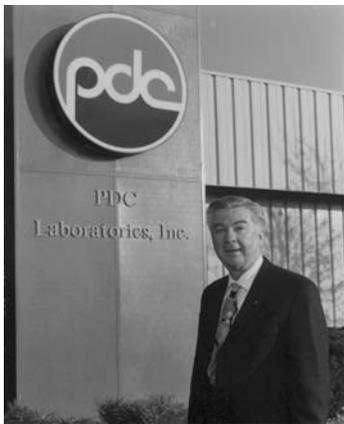
Introduction



"People might not realize it, but our laboratory is one of the largest in the country"

Royal Coulter

President



Committed to the highest standards of quality!

PDC Laboratories, Inc. is a full service, independent laboratory supporting diverse clients in the industrial and government sectors. The laboratory, established in 1982, has a long history of providing superior customer service and data quality that meets the needs of the most stringent regulatory concerns. Through the use of sophisticated new technologies, a modern facility and a highly trained staff, PDC offers its clients security, stability, service and a reputation for integrity...a reputation earned over seventy five years of experience in the environmental business.

Located in Peoria, Illinois, PDC maintains one of the largest and most well equipped environmental laboratories in the Midwest. With a modern facility, instrumentation, and a dedicated staff, PDC Laboratories Inc. is committed to provide our customers with the highest level of service.

Growth and stability...PDC is an environmental laboratory here to stay!

Dedicated to helping you understand your testing needs.

A large portion of company resources has been committed to the development of new technologies and modern facilities aimed at long-term growth.

PDC's primary focus is on customer satisfaction through a high level of individualized service. PDC is a service organization providing analytical related services that include sampling, technical support and regulatory assistance. We pride



ourselves in the ability to tailor each project in the most cost-effective approach to meet your analytical needs.

As your analytical partner, PDC is investing in customer service improvement, laboratory efficiency and automation. These efforts are targeted to continually improve in meeting or exceeding our client's expectations. Our ultimate goal is to provide uncompromised data quality complimented by superb client service. PDC has proven capabilities to provide high quality data for large and small projects in a timely and cost-effective manner.

PDC's Additional Key Qualifications:

- Financial Security
- Significant capacity
- Numerous certifications, accreditations, and validations
- State-of-the-Art Laboratory Information Management System

Please read further to discover how PDC Laboratories, Inc. can be of service to you...

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Services



PDC Laboratories, Inc. has substantial analytical capacity for conventional, organic, inorganic, waste characterization, and bacteriological methods. Considerable flexibility exists for assigning tasks where current capacity and technical capability best allow the client to be served in a timely manner. This flexibility is especially important for large, multi-year projects and for meeting demanding projects.

State-of-the-art instrumentation is used throughout the laboratory. A key factor to the successful completion of your project is strengthened by our facility's modern instrumentation. A back-up power supply system and a state-of-the-art air handling system assures the client of limited downtime and minimizes laboratory contamination. Automation is maximized to rapidly handle analytical workloads. Redundancy in equipment and experienced staff reduces laboratory downtime, thereby assuring that the regulatory holding times and client-specified project delivery dates are met.



State of the Art Laboratory.

PDC Laboratories, Inc. offers analytical capabilities for:

- RCRA Investigations & Compliance Drinking Water Analyses
- Clean Water Act Compliance Groundwater Monitoring
- Waste Characterization Analyses Treatability Studies
- Wastewater Analyses UST Analyses
- Bacteriological Analyses Field Sampling

Statement of Qualifications

Services (continued)

As your analytical partner, we offer our project experience and chemistry expertise to assist you in finding innovative solutions to your environmental analytical needs. Our technical staff are qualified professionals and is available to our clients to assist in interpretation of results for regulatory compliance. For your convenience, utilize our expertise in the development of your analytical programs. We strive to support your analytical needs through innovative approaches and technical support to ensure the successful completion of your project.

GROUNDWATER MONITORING

The collection, analysis, and data reporting from groundwater sampling programs is professionally performed by PDC Laboratories, Inc. Over 20 years experience in the analysis of groundwater samples from RCRA facilities, solid waste landfills, and site assessments has given PDC Laboratories, Inc. the experience that provides clients overall project cost savings and enhanced services.

We perform groundwater sampling and analyses at a RCRA Part B hazardous waste facility, over 60 subtitle D facilities, and numerous industrial facilities. Because groundwater data is subjected to rigorous statistical analysis and modeling by professional engineers, PDC's Project Managers

review all groundwater test results from a historical perspective of the site to assure that apparent data anomalies are identified and explained before data is reported.

Statement of Qualifications

Services (continued)



DRINKING WATER ANALYSIS

Our laboratory specializes in drinking water analysis for communities, municipalities, non-transient non-community water supplies, and private individuals to ensure compliance with the Safe Drinking Water Act (SDWA) as well as other individual water quality concerns. PDC Laboratories, Inc. is NELAC accredited through the IEPA (Illinois Environmental Protection Agency) and IDPH to perform the analysis required by the SDWA. The laboratory has also received certification from several other states including Indiana, Kansas, Kentucky, Missouri, and Wisconsin.

As **one of the first** commercial laboratories accredited for drinking water analysis in Illinois, we have an excellent reputation with water supply operators and work closely with the IEPA and Illinois Department of Public Health. With our client's approval PDC can electronically file the Illinois EPA state monitoring reports with the Agency's SDWIS system. Of course, the client always receives a report with a confirmation that a copy has been filed with the IEPA.

PDC Laboratories, Inc. is a contract IEPA regional bacteria laboratory. Under this program, public water supplies that participate in the state sponsored drinking water laboratory fee program can select PDC to perform their bacteriological testing.

HAZARDOUS WASTE ANALYSIS AND TREATABILITY STUDIES

PDC Laboratories, Inc. performs the analyses associated with the permitting of solid waste for disposal at both hazardous waste and solid waste landfills—testing for cyanides, sulfides, flashpoint, pH, EOX, phenolics, metals, volatile and semi-volatile organic compounds, pesticides, herbicides, and PCBs.

Our lab routinely performs bench scale treatment studies for hazardous waste and solid waste, contaminated soils, and wastewaters. The laboratory performs bench scale manipulation of samples such as sample preparation (homogenization, crushing, filtration, sieving), reagent addition, curing or aging, sampling of treated samples, monitoring of control parameters during the treatment process, and pre-treatment and post-treatment analysis.

We also perform solidification studies for non-hazardous waste that fails the paint filter test for disposal at one of several municipal landfills. We can customize treatability studies for unique project needs. The laboratory has accreditations for analyzing hazardous/solid waste from Illinois, Arkansas, Kansas, and Wisconsin.

WASTEWATER ANALYSES

The laboratory performs wastewater influent and effluent monitoring, industrial pretreatment monitoring, NPDES analyses and analyses in support of plant design and troubleshooting. The laboratory can complete Discharge Monitoring Reports and file electronically into the EPA e-DMR system. PDC Laboratories maintains wastewater



Low level analysis is routine at PDC!

"One of the largest drinking water laboratories in the Midwest."

Statement of Qualifications

Services (continued)



accreditations in Illinois, Iowa, Kansas, Arkansas and Wisconsin.

Rental equipment and field sampling staff is available to use in sampling for routine wastewater compliance.

PRIORITY POLLUTANT ANALYSIS

We analyze the priority pollutant metals listed for NPDES Special Condition permits' annual and semiannual requirements for wastewater and sludge- as well as annual testing for the organic priority pollutants according to 40 CFR 122, Appendix D Table II.

UST ANALYSIS

Soil and groundwater samples are analyzed for compounds associated with release from underground storage tanks. We help you evaluate sampling techniques and determine the required analysis- such as BTEX, PNAs, Metals, TCLP parameters, PCBs and UST Priority Pollutants.

SLUDGE ANALYSIS

We perform biosolids (metals, nutrients, and fecals) testing requirements for the USEPA 503 Land Application regulations and other routine monitoring. We analyze both biosolids and lime sludges.

LEAD ABATEMENT ANALYSIS

We also test soil and paint for lead content and perform TCLP lead analysis for waste characterization in support of painting contractors, construction companies, consultants and property owners.

FIELD SERVICE AND SAMPLING

Our sampling technicians routinely perform groundwater field sampling services at various facilities, using a wide range of collection techniques- Micro Purge, Bladder Pump, Bailers, Inertial Pump and others. Water, wastewater, wastes, and soil sampling services are also provided.

*PDC Laboratories
collects and
analyzes samples at
over 60 Subtitle D
facilities and
numerous industrial
sites.*

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Project Management



One of the most crucial aspects of a successful analytical effort is effective laboratory project management. PDC maintains an experienced project management team. Each project manager averages over 15 years environmental experience, to assure accurate and timely project performance. For each of our clients, PDC provides an experienced laboratory management team and a project manager (PM) as a single point of contact. The PM is directly responsible for communication with the client on the technical, financial and scheduling aspects of the project. Project managers have particular expertises such as Groundwater, Wastewater, Drinking water, and Industrial Wastes. PDC has adapted a service-oriented strategy that enables our clients to have rapid access to their data and the reliability of an experienced, problem-solving project manager.

PDC's Project Management Team!

- Average 15 years experience.
- Project Managers with technical depth!
- Individualized Customer Service!

Our primary goal is to establish long-term partnerships with our clients. Our integrated approach to project management is dependent upon establishing open communication lines between PDC and your project team. We will assist you in evaluating and defining the best analytical approach to your project. This up-front planning is critical to avoiding potential problems or misunderstandings.

Project managers have the responsibility and authority to ensure success of the analytical project. As such, the project planning is critical to the success of internal laboratory communications.

Project planning includes

- Identifying required laboratory certifications



- Appropriate methodologies
- Reporting Limits
- Project Action Limits (if available)
- QA requirements
- Project deliverables
- Project Due Dates
- Project Phases- (if differing requirements are defined)

The project manager is responsible for planning and scheduling your project within the laboratory, updating you on project status as well as reporting final results to meet your pre-defined needs.

On-site visits and scheduled audits are available. Coordinate with your assigned project manager and visit our facility.

Resumes are available for key Project Managers upon request.



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Data Management



PDC is committed to the goal of providing analytically sound, legally defensible data of known and documented quality. Documentation of all aspects of our daily activities and policies revolve around this common goal. All efforts have been made to help eliminate the potential of human error through automation of most analytical processes.

PDC is equipped with an automated laboratory information management system (LIMS). This system integrates information from sample collection, laboratory analyses, and QC requirements. The LIMS system has the ability to combine analytical results, detection limits and QC in data reports available in a variety of formats. Special features and capabilities of the LIMS include:

- Automated sample log-in and tracking of samples throughout the laboratory
- Sample Hold Time tracking system
- Direct Instrument Interfaces, thereby eliminating transcription errors
- Electronic data delivery to our clients if requested
- System security

A summary of routine data reports follows this section.

*Top IT staff
with laboratory
experience drive
our LIMS
development
team.*

Statement of Qualifications

Data Management (continued)



Report Options

Although the flexibility of the LIMS system can accommodate numerous client-specific reporting requests, a summary of PDC's routine data report options follows. Example data packages are available upon request.

- Routine Report: NELAC compliant report and Chain-of-custody (COC).
- Expanded Routine Report: Data report, COC, and basic QC information.
- QC Summary Report: Data report, QC Summary, and COC/shipping information.
- Fully Validatable Package: A bound, paginated report including a case narrative, data report, QC Summary or forms, COC/shipping information, raw data, and all logbook and sample preparation information.

Electronic Report Options

PDC Laboratories routinely provides electronic data deliverables such as fixed length text file and delimited files, as well as application specific formats such as Microsoft Excel & Access. Object image files such as .bmp, .pdf, and .jpeg can be provided by specific request. Electronic files can be delivered by internet, e-mail or packaged diskette &/or CD.

Data archival: Client report files are stored electronically, and are client accessible via internet access.

Additional Report Capabilities

PDC routinely provides documentation above and beyond the typical hard copy data report. For drinking water clients, we prepare and provide state mandated reports such as the required Illinois Department of Public Health or Illinois EPA forms in electronic format submitted directly into the EPA SDWIS system. We can provide reports that display permit limits, highlighting any exceedances, and complete NPDES Discharge Monitoring Reports both hard copy and via the e-DMR system. PDC provides the Chemical Analysis Form (CAF) for Illinois Landfills in either paper or electronic format.

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Facility

PDC Laboratories, Inc. is not your stereotypical laboratory. We have an impressive list of newer equipment that surpasses those of most laboratories. PDC has the capacity to support multiple large projects simultaneously. The laboratory currently employs a staff of over 80 full-time employees.

In January 1995, PDC's laboratory moved into a 26,000 square foot, state-of-the-art laboratory facility. Generous bench space is provided for analysts and instrumentation, as well as ample space for sample storage, archives and expansion.

The laboratory is equipped with zoned air handling systems, segregated sample storage areas for non-compatible sample types, a dedicated standards laboratory, a centralized water purification system and a monitored security system. We offer you assurance that your samples will be handled in an environment that minimizes cross contamination. An on-site wastewater treatment system is operated to prevent discharge of pollutants. PDC Laboratories utilizes an uninterruptable power supply (UPS) and a back up generator for all critical equipment including computers, instrumentation, sample storage and ventilation.

In order to better facilitate the movement of samples through the laboratory and maintain uncompromised Chain-of-Custody, separate functional areas are dedicated to sample receipt, sample storage, sample preparation, and analysis.

A modern facility is an essential success factor in meeting your project expectations. Millions of dollars have been invested in this facility and PDC Laboratories, Inc. will continue to upgrade and



maintain the current modern level of instrumentation and facility. We have continued modernization efforts in automation that serves two purposes: elimination of human error through direct data capture and cost savings through increased efficiency which we strive to pass on to our customers through competitive pricing and superb customer service. Fume hoods are available for safe handling of potentially hazardous samples in sample receiving. In these areas, samples are unpacked, logged into the laboratory tracking system and assigned a unique sample ID number. Walk-in cold rooms are used for storage of environmental samples at the proper temperature.

Throughout the laboratory facility, numerous smaller refrigerators and freezer units are maintained for storage of standards, spiking solutions and sample extracts.



" The laboratory business compliments our existing business because our landfills require groundwater analysis and permit packages for them to operate."

Royal Coulter-President

Statement of Qualifications

Facility (continued)

The laboratory has dedicated areas for organic extractions, inorganic preparations, metals digestions, GC/MS, GC, HPLC, ICP, ICP/MS, bacteriological testing, asbestos testing, sample receiving, waste storage and office areas.

Health & Safety

Nothing is more important than the safety of our employees. Our Health & Safety program ensures a safe working environment for our staff through monitoring of the workplace to assure employee exposures are below established Occupational Safety and Health Administration (OSHA) Permissible Exposure Limits (PEL).

A documented Chemical Hygiene Plan (CHP) is the key link that provides for training, information and procedures to maintain analyst safety. An identified Chemical Hygiene Officer (CHO) is responsible to ensure the CHP is part of our routine daily activities. Safety awareness and on-going staff training are critical functions of the Chemical Hygiene Plan. Emergency evacuation plans and periodic drills are performed for the safety of all staff members. Employees are trained in the proper use of safety equipment for an emergency.

The laboratory facility is equipped throughout with a full range of safety equipment including fume hoods, eye washes, emergency showers, emergency lighting, fire extinguishers, spill clean-up kits, smoke alarms, warning signage, lighted exit signs, personal protective equipment and safety glasses. Good housekeeping and hygiene practices are required and monitored through periodic audits.



State of the Art Facility

- Zoned air handling systems
- Segregated sample storage
- Dedicated standard laboratory
- Monitored security system

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Instrumentation



PDC utilizes state-of-the-art analytical instrumentation for multi-matrix chemical analyses. PDC has the capacity to meet analytical programs of varying requirements as well as significant capacity to handle multiple RUSH projects. We are fully equipped to provide a broad spectrum of analytical services.

Instrumentation is maintained through a thorough preventative maintenance program. Providing reliable service and on-time delivery makes our maintenance program essential. Maintenance logs are kept for each instrument. These logbooks are used to document all maintenance-related activities. Our spare parts inventory and major instrumentation redundancy help to minimize downtime and maintain delivery schedules.



Major instrument capitalization!

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Certifications



Laboratory certifications, validations and accreditations are an indication of the quality and reliability of analytical laboratories. To gain certification a laboratory must:

- Meet program prerequisites
- Provide detailed information about the laboratory's qualifications and capabilities
- Successfully complete performance testing studies, and
- Satisfactorily complete a comprehensive on-site audit.

Are your laboratory providers certified?

PDC Laboratories, Inc. is certified, validated or accredited by numerous state agencies. Drinking water certifications are maintained in a number of states attesting to our ability to perform low level analyses. The list of our current certifications and accreditations continues to grow. The laboratory also participates in many blind performance testing studies. Major government agencies as well as major industrial clients routinely audit the laboratory.

PDC is proud to have completed the National Environmental Laboratory Accreditation Program (NELAP) and to have been accredited in the first round of laboratories to be approved under this new program.

Remember, a lab being certified does not mean they are certified for your project parameters...

- Certified by Matrix
- Certified by Methods
- Certified by Agencies

Statement of Qualifications

Staff Qualifications



PDC's continued efforts to improve and acquire state-of-the-art technology are complemented by our firm commitment to our staff. PDC's laboratory has a solid record of staff retention and has developed a highly skilled, experienced laboratory management and technical staff. Many of PDC's laboratory managers and key staff have over 15 years in the environmental field. The high experience level and technical knowledge of our staff ensure that our customers receive a high quality product and outstanding service.

Laboratory personnel have the experience to make decisions and take responsibility and ownership of their work.

PDC engages in professional development through training courses, conferences and in-house training seminars. Comprehensive training files and documentation are maintained. Training sessions includes QA/QC, Health & Safety, technical issues, and regulations.

Key staff resumes are available upon request.

Previous Experience



PDC Laboratories, Inc. has experience in providing timely and responsive analytical services. Testimony to this is our significant volume of repeat business from satisfied customers. The laboratory routinely provides responsive analytical support for large-scale analytical efforts, which demand large sample capacity, sophisticated data management reporting and strict attention to QA/QC. PDC's laboratory has been providing analytical services to both industrial and governmental sector clients for **over 20 years**. With our senior management and technical sales staff, **we average over 20 years each in the environmental field!**

A brief summary of selected major analytical experience follows.

Client: National Consulting Firm

Responsible for the analytical support for a clean-up site in central Illinois with numerous regulatory agencies involved in oversight. In-field courier service was implemented for the project, which in turn extended the field time for the engineering firm, expediting the field activities and saving costs to our client. Analytical services were provided on an expedited turn around time. Project included a phased approach to the analytical testing to limit the total cost for each phase of work. Project decisions were communicated between the project team and the laboratory's project manager to facilitate the project completion.

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Previous Experience (continued)



Client: Large Disposal/Hauling Company

Provide comprehensive analytical services for three operating and one closed landfills. These facilities are a RCRA hazardous waste facility, an operating special waste facility, an open solid waste facility and a closed solid waste facility. The laboratory provides sampling and analysis of groundwater, surface waters and leachates, statistical analysis of data, completion of required data reporting forms for submittal to state agencies, as well as consulting and problem solving.

Client: Closed Hazardous Waste Facility

This project is a closed hazardous waste site located in Illinois. Monitoring services provided include routine groundwater monitoring, weekly NPDES monitoring, monthly air monitoring, and various special projects.

Support to the facility has spanned over twenty years!

Client: Large Manufacturing Facility

Provide all analytical testing needs for this site including routine daily wastewater parameters, groundwater monitoring and waste testing. Sampling and analysis is provided to assist the client at this site. Several special studies have been conducted to assist plant personnel in wastewater applications. In-field courier service was implemented to expedite the field activities.

Client: Fortune 500 Automobile Manufacturer

Provide drinking water analysis, wastewater analysis, and solid waste analysis, sampling services and consulting to a major automobile manufacturer in the

Midwest. The laboratory provided services to collect and analyze solid waste streams at the facility. The facility management prefers the use of PDC Laboratories', Inc independent professionals to obtain the waste samples in the plant for their own assurance that unbiased, representative samples are collected. NPDES, pretreatment, and stormwater analysis are routinely provided for the facility. Stormwater sample data is provided in 24 hours or less to allow the facility to make discharge decisions promptly. This minimizes the chance that the stormwater impoundment holding capacities are exceeded.

Due to this client's concern for employee health and safety, PDC Laboratories, Inc. performs both routine and special event drinking water sampling and analysis. Whether it is routine sampling or because of a water quality complaint, the laboratory is ready to perform analysis in accordance with the Safe Drinking Water Act methodology.