



EPCM SERVICES

ENGINEERING | PROCUREMENT | CONSTRUCTION MANAGEMENT

Pond energy projects safely and
reliably power the world



BY THE NUMBERS

\$500m

construction designed
& engineered annually

25

national &
international offices

80%

of business from
repeat clients

53

years in
business

ENGINEERING

CONCEPT



Pond's multidisciplinary team provides full service solutions for oil & gas storage and distribution systems worldwide.

PLANNING | FEASIBILITY

ENGINEERING

- Concept
- FEED
- Route Study
- Field Surveys / Discovery
- Land Services
- Facility Assessment
- CP / AC Mitigation

ENVIRONMENTAL

- Wetland Delineation
- Protected Species / USFW
- Field Surveys / Discovery
- Cultural



PROCUREMENT

Pond coordinates with partners and vendors to ensure your project receives the right resources -- on time and on budget.

JURISDICTIONAL PERMITTING

- DOT
- Municipal
- Railroad
- FAA

ENVIRONMENTAL PERMITTING

- USACE
- USCG
- FERC
- SHPO

VENDOR CONTRACTS

- Pipe / Valves / Fittings
- Tanks
- PFV
- Metal Buildings
- CP / AC Mitigation

SERVICE CONTRACTS

- Construction
- In-Line-Inspection
- Non-Destructive Testing
- SCADA / Electrical
- Corrosion Protection

CONSTRUCTION MANAGEMENT

CLOSEOUT



Pond's company-wide culture of safety is integrated throughout every activity we plan and perform.

SAFETY

INSPECTIONS

- Corrosion
- Coatings
- CWI
- API 653
- NDT

ENVIRONMENTAL INSPECTIONS

GIS

- Onsite Data Collection
- Data Integration

PROJECT CONTROLS

- Estimating
- Cost Controls
- Scheduling
- Risk Management

COMMISSIONING

DOCUMENT CONTROLS

- MTR's
- MAOP Validation
- As-Builts

MAINTENANCE

ASSET MANAGEMENT



Pond's certified, specialized engineers and technicians don't just identify problems -- we find the cause and provide sensible solutions that keep your assets productive.

ASSET MANAGEMENT

- TIMP / DIMP
- Corrosion Protection
- AC Mitigation
- Coatings
- ILI
- ECDA / ICDA
- API 653
- API 510 / 570
- STI SP001

COMPLIANCE

- Re-rating of Storage Tanks, Piping, and Pressure Vessels
- Corrosion Protection
- Facility Assessment
- RMP / PSM

THE POND DIFFERENCE

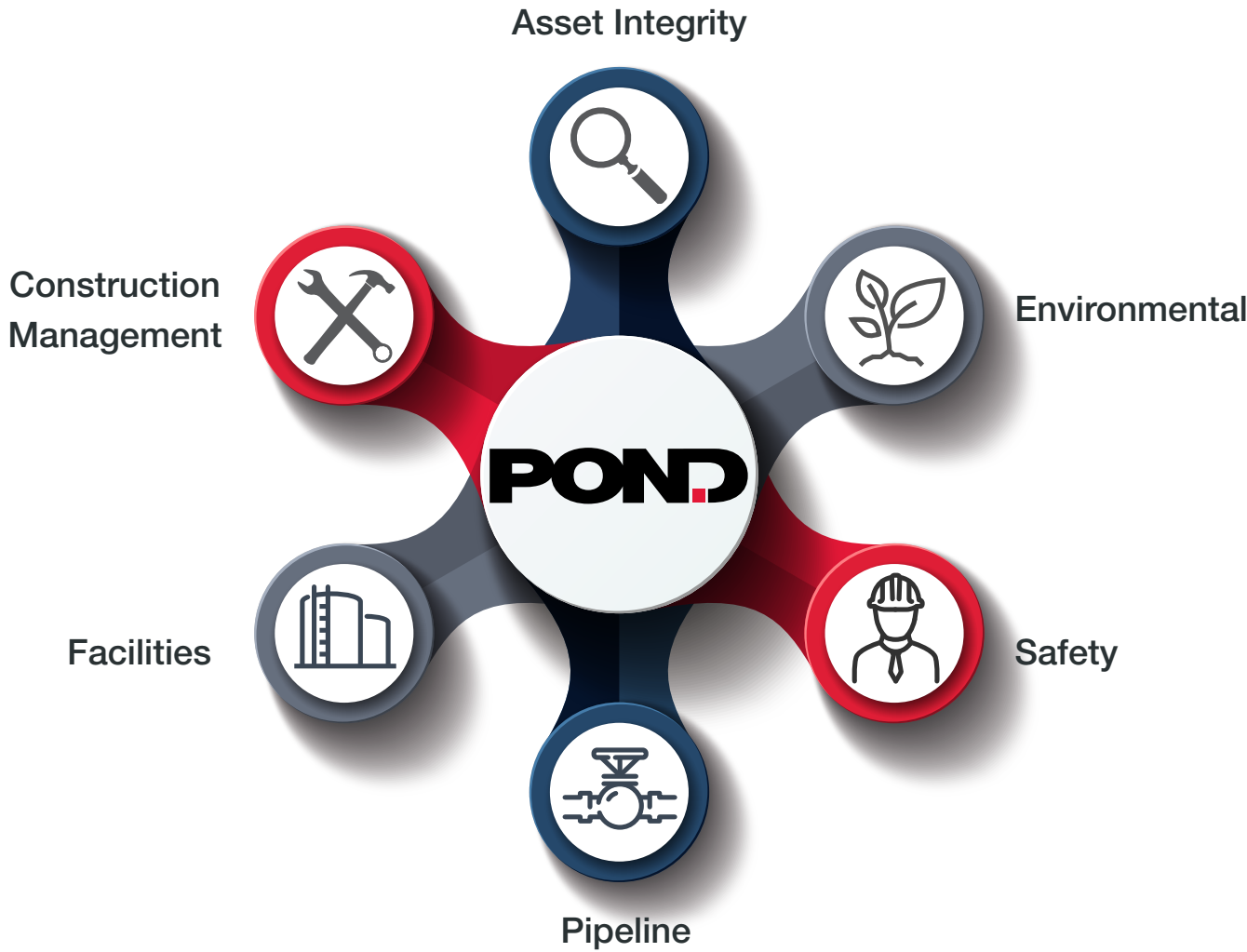
Get to Market Faster.
Maximize Throughput and Storage.
Manage Risk Safely and Effectively.

Integrated Team: With all disciplines in-house, we can easily walk down the hall or pick up the phone to solve an issue. We can quickly respond with no need to coordinate with multiple other firms.

Experienced: Pond’s multi-disciplinary expertise flattens the learning curve on many projects, reducing risk to our clients, and providing better service.

Local: Pond has 25 offices around the US and worldwide. We are never more than a few hours away from your project site.

Culture of Safety: Pond’s award-winning Health and Safety program is integrated throughout the entire culture of Pond. We also offer safety training courses to keep your team protected.



SAFETY

POND’S SAFETY VISION

We will actively care for the well-being of ourselves, co-workers, families, clients, and subcontractors
We will be Safety Leaders. We will never compromise on safety - it is our first thought
We will enable a “safety first and all of the time” culture wherever we live and work around the globe

CULTURE OF SAFETY

Pond recognizes the importance of employee health and safety and is committed to achieving an injury and illness free workplace.

Our expectation is that each employee, and all stakeholders will contribute to our evolving culture of safety interdependence by protecting themselves and those they work with.

All employees are empowered to stop work that they feel will result in an injury and seek continual improvement solutions that will prevent future recurrence.

Pond’s vision of health and safety is to provide an injury and illness free workplace, focusing on the implementation of proactive safety actions and leading safety indicators.

The result of that vision was the emergence of an interdependent safety culture that meets and exceeds regulatory and client standards.

SAFETY TRAINING

Our mission is to help clients prevent workplace injuries. To further Pond’s proactive commitment to safety, we offer several health and safety training courses to help you protect your most valuable resources - your employees.

SAFETY AWARDS

- 2017 AGC Georgia Safety Excellence Award
- 2017 AGC Willis Towers Watson Construction Safety Excellence Award for Construction Management
- 2017 Lone Star Safety Award
- 2016 AGC Georgia Safety Excellence Award



PERSONALIZED SERVICE

EMILY RECH | PROGRAM MANAGER

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EDUCATION

BS, Construction Management University of Nebraska

ABOUT

Emily is responsible for overseeing Pond’s Energy Engineering, Procurement, Construction Management (EPCM) program. She works with natural gas and midstream clients to ensure the Pond team delivers consistent, quality service in engineering and construction. Emily has more than 17 years of experience in program management, risk assessment and management, cost analysis and controls, geographic information system (GIS) technology and team management for natural gas and pipeline construction projects. She is an active member of the Southern Gas Association, American Gas Association, Women’s Energy Network and Pipeliners Association of Atlanta.

PERSONAL EXPERIENCE

- Montana Dakota Utilities (Bismarck, ND)
- Virginia Natural Gas (Norfolk, VA)
- Piedmont Natural Gas (Charlotte, NC)
 - Executive Project Manager
- AGL Atlanta Gas Light (Atlanta, GA)
 - Lead Program Scheduler
 - Over 65 Pipeline Project Schedules
- Executive Project Manager
 - Program Manager for 23 Integrity Projects
 - Project Manager for 2 New Transmission Pipeline Projects

OFFICE LOCATIONS

Pond is based in Metro Atlanta, with offices and professionals across the U.S. and around the world.



OUR CLIENTS

Liquids

- Buckeye Partners (MSA)
- Magellan Midstream (MSA)
- Kinder Morgan Terminals(MSA)
- Enterprise Products(MSA)
- BHP Billiton(MSA)
- Howard Energy
- Epic Midstream
- Vopak North America
- Aloha Petroleum
- Marathon Petroleum
- Rosetta Resources
- Vertex Holdings
- Exxon Mobil
- Golden Pass LNG
- Genesis Energy
- Explorer Pipeline

Natural Gas

- Piedmont Natural Gas(MSA)
- Kinder Morgan(MSA)
- Enterprise Products(MSA)
- Boardwalk Pipeline(MSA)
- Southern Company Gas(MSA)
- Duke Energy(MSA)
- Southern Company Transmission
- Enbridge (Spectra Energy)
- Dominion East Ohio

Other Midstream

- Continental Resources
- Velocity Midstream
- Omega Partners
- Epic Midstream
- Monroe Energy
- DLA | DoD
- FBI

SPECIALIZED TECHNOLOGY

PLATS (PIPELINE LAYOUT AND ACQUISITION TRACKING SYSTEM)

Pond’s proprietary GIS-based land acquisition software tool is tailored for oil & gas projects. The tool seamlessly integrates spatial location information with GIS property information. Because the tool is web-based, Pond and the client can access – in real-time – the most recent and the historic data and documents through a computer, tablet or smartphone wherever Internet access is available.

MARS (POND’S ENHANCED MAINTENANCE & REPAIR SERVICE SYSTEM)

The MARS program is a secure on-line database that is accessed and managed via the web. MARS allows our Project Managers around the world to use a singular system to manage their projects. Clients use MARS to track data pertinent to their areas of responsibility. Since MARS was developed by Pond’s in-house technical team, it can be easily modified to provide custom reports as requested by the client. Having this level of information available in real-time provides the power to visualize each facilities’ reports for review. Being a technology-forward thinking company, the development of the MARS program and other applications have enabled our team to streamline information, allowing us to increase our capacity of skilled professionals to address more project sites.

VIRTUAL DESIGN AND CONSTRUCTION

Pond has the ability to visualize renovations efficiently through Virtual Design and Construction (VDC). We use BIM and VDC technology to help us plan, design, coordinate, construct and manage our buildings and infrastructures in the most innovative, cost-effective and sustainable fashion. BIM is our standard of design, workflow and quality control process, providing benefits of design authoring, interference management (clash detection), 3D coordination, progress reviews, pre-visualization animations and rapid ease of design changes. BIM is invaluable in terms of its ability to provide our customers with a visual understanding of what our work will look like and how it will function once constructed.

BLUESCAPE

Bluescape provides construction and design teams the interface to collect, conceptualize and create a virtual story board for teams members to access anytime from anywhere. Project collaboration is no longer limited to being in the office or having remote access to the office servers. Bluescape provides a faster and more efficient way to collaborate among large groups of stakeholders across multiple locations. Stakeholders now have the ability to easily mark up documents and capture input, while maintaining accuracy and context around any revisions.

3D LASER SCANNING/POINT CLOUD TECHNOLOGY

Three-Dimensional Laser Scanning Technology allows Pond to capture a building within a data point cloud which is used to replicate the entire building within a BIM Model. This data enables us to take actual dimension takeoffs, to see beyond what a typical 2D flat photo would see, enabling our team to provide more accurate work, and avoid unforeseen issues in the field, which can keep a project on schedule.

UNMANNED AIRCRAFT INSPECTIONS

Pond utilizes experienced pilots and the latest in UAV technology to conduct inspections and assess facilities. Our visual spotters, certified remote pilots can inspect or document facilities faster per day than using traditional methods. We provide inspection solutions to industrial, government, oil marketers, pipeline operators, power generation, airport fueling facilities, gas and water utilities throughout the nation and around the world.

FIELDLENS

An innovative punch list and construction management program. Utilizing web-based technology, tis program enables field personnel to easily develop field reports, develop punch lists, and keep up with OSHA compliance.

PRIMAVERA P6

Primavera P6 is a world class CPM scheduling tool that is used for both internal coordination, planning and tracking as well as external project communication. Primavera provides efficiency by indicating to all project Stakeholders the actual progress achieved on individual tasks compared to its planned progress. The project manager also uses it to coordinate long range subcontractor efforts while the superintendent uses it to coordinate work in the near term.



PROFILE

Established in 1965

Full-service architecture, engineering, planning and construction

100% in-house support for all engineering services

SERVICES

- POL | Fueling
- Cathodic Protection
- Pipeline Engineering
- Facility Engineering
- Civil Engineering
- Fire Protection
- Construction Services
- Coatings Engineering
- Program Management
- Architecture
- Cost Estimating
- Facility Assessments
- Feasibility Studies
- Space Facilitation
- GIS Services
- Master Planning
- Structural Engineering
- Arc Flash Studies
- API 653 Inspection
- API 570 Inspection
- API 510 Inspection
- Environmental Permitting
- NEPA
- PHMSA Audit Support

DEDICATION | COMMITMENT

Pond is an Engineering, Architecture, Planning, and Construction firm that provides technology-driven services to clients throughout the nation. As a full-service firm, Pond is able to bring together every skill your organization requires to achieve your mission.

Our exhaustive array of in-house capabilities has led to Pond’s rich history of producing award winning, context sensitive, and innovative projects. Full-service capabilities benefit our clients by delivering greater value through teamwork, responsiveness, communication, quality control, and project coordination.

When you choose Pond as your partner, you will experience responsive people working to successfully complete your project and achieve your mission. Our solution-driven approach separates Pond from the “assembly line” mentality adopted by others in the industry.

Pond prides itself on providing services that exceed our client’s expectations. Our philosophy and success is based on listening to our client’s needs, and drawing from the expertise of our deep bench of experienced professionals to provide high quality deliverables that are tailored to the client’s mission.

Selecting the most qualified professional saves significant dollars over the life of the project.

Allow Pond to be your trusted advisor.



**Fueling
Design**



**Corrosion
Control**



**Facility
Design**



**Pipeline
Transmission**



**Fueling
Systems
Maintenance**



**Integrity
Management**



**Coating
Engineering
Services**



PHMSA/DOT



**Procurement
and
Construction
Management**

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