

John Yasalonis

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Summary of Qualifications

Demonstrated leader with approximately 20 years of experience in Florida phosphate mining. Concentration on internal improvement including cultural transformation, identification, planning and execution of energy, production, digital initiatives.

- Work in corporate, industrial, manufacturing and mining environments.
- Extensive experience within production and technical capacities in Florida phosphate mining.
- Operations production/maintenance, engineering, energy, change management, project engineering, and digital transformation experience.

Professional Experience

Senior Manager, Digital Deployment, North America Business

The Mosaic Company, Tampa, FL

2021 – Present

- Ownership of large capital portfolio delivering "next generation" digital technologies to FL mining locations to support real time visibility, optimized decision making, stabilized processes, lower fixed costs, and improved employee and customer experience.
- Support for North America Business initiatives including integrated operations centers, modeling/analytics, automation/process controls, and process digitization.
- Support of North America Business capital improvement projects including enhanced business prioritization and long-term capital planning improvements.

Senior Manager, Sustaining Capital, North America Business

The Mosaic Company, Tampa, FL

2020 - 2021

- Management of sustaining capital portfolio for Florida mining facilities including replacement-in-kind, technology modification, break-fix, and mine extension projects.
- Support of short- and mid- and long-term capital planning, forecasting, budgeting.
- Execution of capital process management best practices.

Technical Operations Manager, Florida East Mines

The Mosaic Company, Tampa, FL

2018 - 2020

- Support of plant and field process engineering initiatives to support facility production, quality, environmental and safety performance.
- Support for facility annual capital, production, and expense strategy and policy deployment.
- Led transformation activities focused on lower fixed cost, higher productivity.

- Responsible for environmental, safety and health investigation process including data collection, root cause analysis, formal action planning and implementation.

Production Manager, Plant Operations, South Fort Meade Mine

The Mosaic Company, Tampa, FL

2016 - 2018

- Responsible for beneficiation operations at large scale surface mine with estimated annual production capability of ~6.5 million tons per year.
- Led production, quality, shipping, safety, and environmental compliance for large team of production employees.
- Supported substantial plant performance improvement focused on process health, operator engagement, and enhanced performance management.

Production Manager, Field Operations, South Fort Meade Mine

The Mosaic Company, Tampa, FL

2015 - 2016

- Responsible for field mining operations at large scale surface mine, covering approx.. ~15,000 acres of active mining area.
- Led production performance, safety and environmental compliance for large cross-functional team of production employees.

Production Manager, Plant Operations, Wingate Creek Mine

The Mosaic Company, Tampa, FL

2014 - 2015

- Responsible for beneficiation operations at large scale surface mine with estimated annual production capability of ~2.0 million tons per year.
- Led production, quality, shipping, safety, and environmental compliance for large team of production employees.
- Led expansion and upgrade of existing flotation plant to column flotation in partnership with capital project team.

Continuous Improvement Manager, Florida Mines

The Mosaic Company, Tampa, FL

2012 – 2014

- Lead operational transformation of large-scale industrial mining facility.
- Delivered progressive continuous improvement culture within existing performance-focused facility team.
- Managed a multi-discipline team delivering substantial increase in annual production rate and substantial offset in costs within aggressive delivery timeline of less than four months.
- Led team to identify gaps and implement performance management improvements including action accountability, standard work, and visual management systems.
- Established policy deployment strategy to include aspirational goal targeting including environmental health and safety, production, quality, cost, and employee development.

Energy Specialist, Return on Invested Capital Project

The Mosaic Company; Tampa, FL

2010 - 2012

- Identified technical management and behavioral opportunities to deliver measurable cost and energy improvements.
- Led multiple senior management groups through complex energy transformation projects.
- Engaged senior leaders and stakeholders in developing comprehensive long-term energy road maps.
- Led data collection, analysis and authored energy related content for the 2011 Mosaic Company worldwide Global Reporting Initiative (GRI) sustainability report, Carbon Disclosure Project (CDP), and corporate sustainability report covering 40+ locations across seven countries.
- Authored Mosaic worldwide energy profile for submittal to Bloomberg Financial as part of their 2011 global Corporate Renewable Energy Index (CREX).
- Identified substantial annual savings from a comprehensive assessment of energy conservation and electrical generation opportunities across three large manufacturing and mining facilities.

Assistant Plant Operations Superintendent, South Fort Meade Mine

The Mosaic Company; Tampa, FL

2007 – 2010

- Managed and supported beneficiation plant performance including mechanical and chemical separation processes including screening, pumping, hydraulic classification, flotation, and ore blending.
- Managed safety processes and environmental compliance for ~50 employee department
- Managed beneficiation department cost forecast and budget performance; supported capital project planning and execution.
- Lead railroad shipping team to facility records of ~1 million ton per month shipped.

Plant Performance Engineer, Florida Mines

The Mosaic Company; Tampa, FL

2004 – 2007

- Supported field operations as slurry pumping engineer, responsible for design and optimization of large-scale centrifugal pumping systems.
- Designed, managed, and completed installation of upgraded reagent distribution system resulting in ore recovery increase and significant reagent application reduction.

Project Engineer, Florida Mines

Cargill Fertilizer; Mulberry, FL

2003 –2004

- Managed mining research and development projects including new technology evaluation, process piloting, process evaluation, and internal/external benchmarking
- Supported beneficiation plant retrofit upgrade of existing flotation equipment resulting in doubling of circuit capacity while maintaining quality and recovery performance.

Production Supervisor, South Fort Meade Mine/Hookers Prairie Mine

Cargill Fertilizer; Mulberry, FL

2001 –2003

- Managed support operations for daily production large scale surface mine including daily production, quality, safety and environmental compliance.
- Conducted safety and health training as a Mine Safety and Health Administration (MSHA) certified instructor; included: mandated topics, near miss investigations, and housekeeping and safety inspections.

Engineering Co-op Student, Mining and Environmental Engineering

Cargill Fertilizer; Mulberry, FL

1999 – 1999

- Coordinated support operations for construction of updated NPDES outfall structure.
- Supervised compliant decommissioning of retired aboveground agricultural tanks.
- Initiated and managed water quality improvement project.
- Conducted and completed beneficiation screening assessment resulting in substantial sizing efficiency impact.
- Evaluated alternate flotation reagents identifying application reduction and associated savings opportunity.

Engineering Intern, Mining Engineering

U.S. Silica; Montpelier, VA

1998 – 1998

- Acting site geologist.
- Planned and executed site core exploration pattern for evaluation of future mine expansion.
- Developed and presented in-pit ore mixing optimization proposals.

Engineering Intern, Environmental Engineering

U.S. Army Environmental Center; Aberdeen Proving Grounds; Aberdeen, MD

1996 – 1996

- Assisted U.S. Army environmental program managers with development, preparation, and publishing for environmental quality, environmental compliance, and pollution prevention program databases.
- Created presentation materials for use by senior army environmental program manager.

George Washington University Science and Engineering Apprenticeship Program Student

U.S. Army Edgewood Research, Development and Engineering Center; Aberdeen Proving Grounds; Aberdeen, MD

1995 – 1995

- Assisted senior researchers in pilot engineering project focused on scale-up production of a Urease enzyme using fermentation processes.

Education**Master of Business Administration – International Business**

University of Nebraska-Lincoln, Lincoln, NE

2009

Bachelor of Science, Mining and Minerals Engineering

Virginia Polytechnic Institute and State University (Virginia Tech), Blacksburg, VA

2001

**Professional
Certifications**

National Council of Examiners for Engineering and Surveying EIT/FE certification

2001

Training

MSHA Certified;