

An aerial photograph of a large industrial facility, likely a mineral processing plant, with various tanks, conveyor belts, and storage piles. A hand is superimposed on the image, holding a cluster of dark, spherical mineral balls.

# DELIVERING SOLUTIONS

to Meet Your Mineral Processing, Industrial  
& Water Use Challenges

An aerial photograph of a large open-pit mine, showing multiple levels of excavation and a winding road.

**MINERAL PROCESSING**

A close-up photograph of industrial water treatment equipment, showing a large pipe and a turbulent flow of water.

**WATER MANAGEMENT**

**Skilled in Both the Art and Science™**

[neosolutionsinc.com](https://neosolutionsinc.com)



# MINERAL PROCESSING

## We Speak the Language of “Mineralogy”

At **Neo-Solutions**, we use a comprehensive approach to solve a full host of customers’ mineral processing issues. We bridge the gap among mineralogy, chemistry, and process water. Our people are recognized for providing reliable on-site support to mineral processing operations management.

Understanding mineralogy is critical to solving most mineral processing issues. Our methodology consists of identifying the minerals associated with your ores and selecting the best reagent chemistry to achieve the desired separations.

The proper application of reagent chemistry in a mineral processing plant is also critical to the successful recovery of minerals containing valuable metals and non-metallic materials.

We can help you recover minerals containing these metals or non-metallic materials:

- > Coal
- > Copper
- > Gold
- > Iron
- > Lead
- > Molybdenum
- > Nickel
- > Palladium
- > Phosphate
- > Platinum
- > Potassium Chloride
- > Rare Earths
- > Sand & Aggregate
- > Sodium Carbonate
- > Silver
- > Zinc

Whether you need to recover minerals through reagent chemistry, increase mineral productivity recovery and grade, remove gangue minerals and penalty elements, develop a unique chemistry for dealing with copper sulfide minerals or maximize the potential of complex polymetallic ores, **Neo-Solutions, Inc.** has the *technical knowledge and practical experience to help you meet your goals.*





# WATER PROCESSING

## Wherever Water Needs to be Managed, You'll Find Neo-Solutions

Our consultative approach to solve Water Management challenges enables us to work successfully with management, engineering, operations, outside consultants, and contractors. Our skilled field sales engineers are experienced with finding solutions for all types of Industrial, Municipal, Mining, Quarry, and Industrial Sand applications.

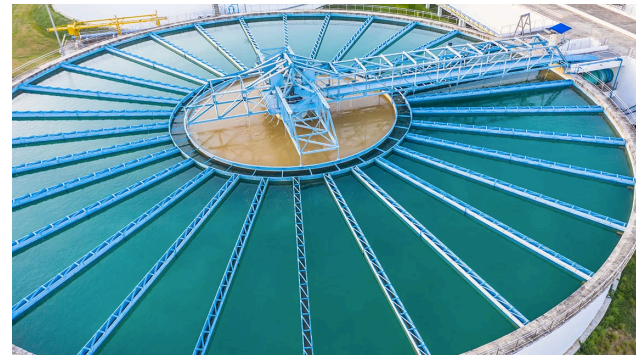
The Industrial Wastewater Management applications we handle include Clarification, Sludge Dewatering, Thickening, Scale Corrosion, Defoaming, Solidification, and Difficult-to-Remove Contaminants. We apply innovative solutions to challenges in these industries and processes:

- > Meat & Food Processing
- > Truck Washing Stations
- > Dye Fixatives
- > Dredging Lagoons, Catch Basins & Canals
- > Metal Finishing
- > Powder Coating
- > Electronics
- > Plastics
- > Ferrous & Non-Ferrous Metals Production
- > E-coating
- > Landfill Leachate Treatment
- > Ink & Dye Facilities
- > Pulp & Paper

Our Municipal Drinking Water & Wastewater Management capabilities include solutions related to Sludge & Waste-Activated Sludge (WAS) Thickening, Metals Contaminants Removal, Pre-Treatment, Solids/Liquids Separation Efficiency, and Belt Cleaning.

The Mining Mineral Processing Water Management services and solutions we offer include Performance Optimization of Thickeners & Clarifiers, Foam Control, Dewatering, Solidification, and Equipment Freeze Control.

Whether your water management needs are routine or unplanned, we're always prepared to give you the best technical advice and most realistic solutions.



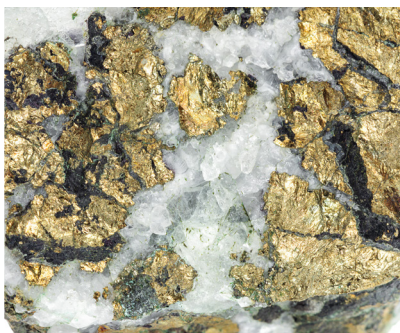
# Skilled in Both the Art and Science™

## A Proven Partner for Helping Companies Meet Their Mineral Processing & Water Management Commitments

For over 35 years, Neo-Solutions has been committed to finding solutions that achieve the best results for our customers. Simply stated, our mission is to solve their problems and help them to deliver on their production and financial commitments. Our people are skilled in both the art and science of mineralogy. With a company culture that promotes engagement, we care deeply about our customers and always go “above and beyond” to meet their needs.

We provide competent technical support in the application of collectors, frothers, and other chemical reagents required to service the mineral processing requirements of mining operations. We are highly skilled and experienced in applying flocculants, coagulants, defoamers, and other chemicals required to service the water management needs of a host of markets, including industrial, municipal drinking and wastewater, and mining mineral processing.

Neo-Solutions is a privately held company that is professionally managed. Our skilled mineral processing and water management technical representatives are based throughout the United States, and our distribution network gives us international reach.



## NEO SOLUTIONS

Skilled in Both the Art and Science™

1340 Brighton Road

P.O. Box 26

Beaver, PA 15009

P: 724-728-1847

F: 724-728-3440

E: [info@neosolutionsinc.com](mailto:info@neosolutionsinc.com)

[neosolutionsinc.com](http://neosolutionsinc.com)

