

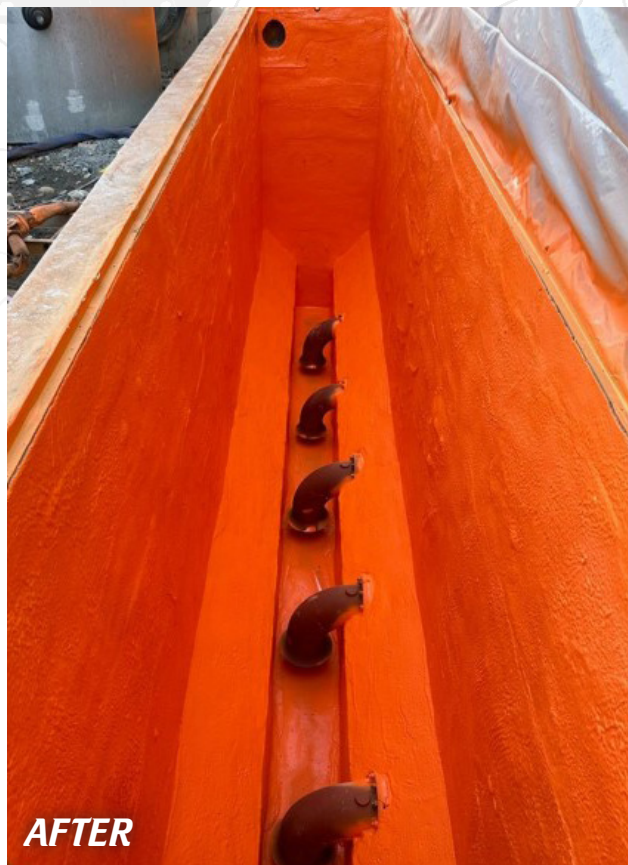
CASE STUDY



When it absolutely, positively must last.



BEFORE



AFTER

PROJECT SNAPSHOT

NAME:

PRESTON HEADWORKS STRUCTURE PROTECTION PROJECT

LOCATION:

Preston, Idaho

OVERVIEW:

Advanced Lining, an OBIC-certified installer, protected nearly 9,000 square feet of new concrete structures at the City of Preston's wastewater treatment facility using OBIC's Armor Multi-Layer System.

OBIC PRODUCTS USED:

- OBIC Armor Multi-Layer System (OBIC 1000 + OBIC 1306 Foam + OBIC 1000)

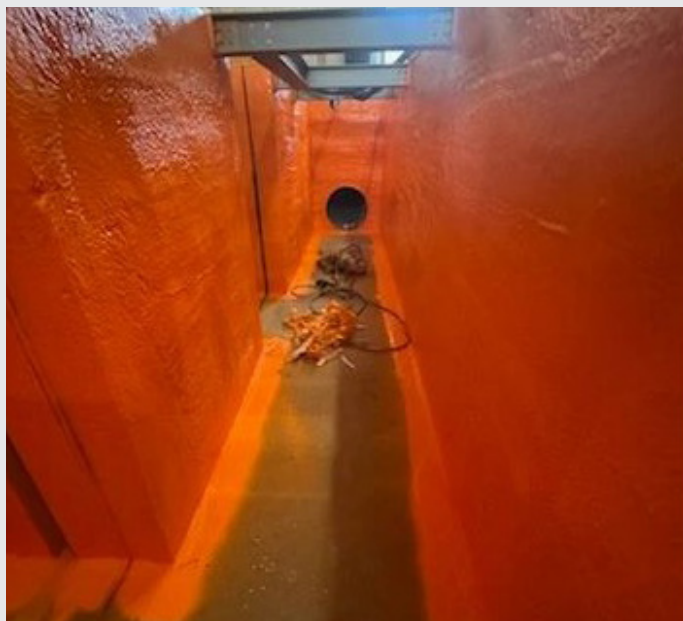
CERTIFIED INSTALLER:

ADVANCED LINING

JOB COMPLETION:

October 2024

CASE STUDY



SITUATION

When the City of Preston, Idaho, completed a new headworks facility, city officials wanted to safeguard their investment from the start. The structure included channels, a vortex grinder, a grit chamber, a lift station, and five manholes—nearly 9,000 square feet of exposed concrete.

Because headworks environments are constantly exposed to hydrogen sulfide gas and abrasion, unprotected surfaces can deteriorate quickly. The city was determined to prevent corrosion before it began and extend the lifespan of its new infrastructure.



When it absolutely, positively must last.

SOLUTION

To achieve that goal, the city partnered with Advanced Lining, an experienced OBIC-certified installer serving Idaho, Montana, Wyoming, and Utah. Known for precision work and rigorous safety standards, Advanced Lining was chosen for their proven expertise with large, high-stakes projects.

The team applied the OBIC Armor Multi-Layer System, which features OBIC 1306 closed-cell polyurethane foam sandwiched between two layers of OBIC 1000 polyurea. This system provides long-term protection against corrosion, impact, and chemical exposure.

Preparation was key: the crew sandblasted the entire surface to achieve the proper CSP profile, ensuring maximum adhesion. Despite the project's size, the surface prep was completed in just five days—a testament to Advanced Lining's efficiency and planning.

A Level 3 NACE-certified inspector and the RSCI quality assurance manager monitored the work throughout the process. Both praised the crew's attention to detail, quality control, and commitment to safety.

The full coating process was completed in about two and a half weeks, well ahead of schedule.



BENEFITS

By choosing OBIC's Armor Multi-Layer System, the City of Preston avoided future repair costs and downtime—ensuring that their new infrastructure will operate safely and efficiently for decades.

With OBIC-certified installers like Advanced Lining, municipalities gain access to proven technology, professional expertise, and industry-leading support. Together, OBIC and its installers help communities do more with less—delivering long-term value for every dollar invested.