

# ProtectaFlex system for SITREM site revamping at Noisy-le-Sec in France



Aliaxis solutions offer global, reliable, and sustainable responses to the needs of industrial applications, from water treatment to the management of chemical fluids or hazardous substances. For all these reasons, they have been chosen by SITREM for the rehabilitation of one of their French sites which handles the treatment of industrial effluents

## Specifications:

SITREM is involved in the treatment of industrial effluents (polluted by sediments, hydrocarbons, organic loads). The need to rehabilitate its site in Noisy-le-Sec.

At this site, the ProtectaFlex system will be employed on 4 networks of 150 linear meters, mounted in parallel to ensure the transport of industrial effluents to the new installations. This total rehabilitation will extend over an area of 10,000 m<sup>3</sup> where the ProtectaFlex double-sheath system will be able to demonstrate all its capabilities and effectiveness. As an international leader in the design of advanced fluid transport systems, Aliaxis once again demonstrates the performance of its durable and innovative solutions.

To ensure optimal protection, this device allows limiting the risks of human damage, material damage, or environmental pollution.

Any fluid that penetrates the interstice is immediately detected at the end of the pipe by a sensor placed in a containment tank; the liquid propagates by capillarity, so there are no constraints of layout (low points) as with a rigid system. The reliability, maintainability, and safety of the installations are essential for the proper functioning of industrial sites. As part of the rehabilitation of its treatment center located in Noisy-le-Sec, the company SITREM was looking for a reliable, durable, safe, and innovative solution for the transport of polluted fluids that it must then treat or valorize. The solution chosen for this project is the ProtectaFlex system, designed by Aliaxis.

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|----------|---|
| Project  | Refurbishment of and industrial water treatment site        |
| Builder  | SITREM  |
| Location | Noisy-le-Sec - France                                       |
| Products | ProtectaFlex System of flexible double containment solution |
| Year     | 2020  |

## Advantages

The SITREM project manager, Mario Cappeli, expressed his appreciation and satisfaction with the use of the ProtectaFlex system, which proved to be a quick and effective product.

- **Support and advice:** "Everything went very well, you responded to our request."
- **Easy installation:** "ProtectaFlex is a product I liked: it is a flexible and soft pipe, easy to install and connect with its specific fittings."
- **Safety on the plant:** "The leak detector allows you to monitor an anomaly and issue an alarm to alert the operator."
- **Quick implementation:** "We quickly and effectively implemented this solution over lengths of 200m."

Specifically designed for the transport of chemical fluids, the next-generation ProtectaFlex system was developed to limit the impact of effluents on our environment.



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