

Dear Brice, I wish to formally express the positive feedback regarding the installation of the DIP System in the area of Muret and more precisely as the main lift station of the Municipality.

In 2011 when I first started in the Garonne Sud Ariège Service, one of the first issue I had to deal with, was the problem with the lift station Robineau, the main lift station of Muret that was suffering of very difficult fluids that were causing frequent interventions to lift and clean clogged pumps or pumps showing many and varied faults. This station was composed of 4 pumps of 200m³/h flow each for a total average flow of 4700 m³/j.

In order to relieve the hydraulic equipment and to reduce the number of emergency maintenance operations, we decided to implement a cleaning schedule for the lift station with a frequency of once every 2 months. This operation required half day of work with a sewer-cleaning truck and 4 service agents (including 2 in the tank to clean it).



Here above is an illustrated example of cleaning, highlighting the extend of this operation and the related risks (work in confined spaces, risk of falling and cutting ...).

Moreover those operations were subject to prior written authorization from Water Police as they were causing systematically significant release into the environment (around 400 to 600 m³).

In 2015, in the framework of the creation of a new water treatment plant in Muret (45 000 inhabitant equivalent) the Robineau lift station has been abandoned and replaced by a new lift station equipped with a system DIP151 and called “Aqualudia”.



That immediately resulted in the end of cleaning operations of the pumps, the decrease of operation time on site and the elimination of related risks for the staff . The continued functioning does not cause any more the release of effluents into the environment, thereby limiting the pollution of the receiving environment that is the Garonne.

Up to now, no malfunction has been noticed despite the fact that the characteristics of the effluent going into this station are still the same as in 2011.

Ressourcer le monde 

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