



Industry – Mine

Location	Kolwezi, DRC
Client	Confidential
Year	2019
Application	Water Treatment
Contaminants	Oil & grease
Solution	Hydraspin Oil-water separator



Synopsis

During a site visit to all the major mining activities and hydrocarbon pollution prone sites at the mine, it was clear that the mine was in need of a well proven water treatment technology to separate oil and water that will ensure a low life cycle cost throughout its operation. The mine workshop serves the large mining fleet and needs civil structures for a proper wash bay water treatment system that will prevent pollution.

Solution

Aqua Horizon Technologies provided a solution from initial concept design through to installation and start-up of the best oily water treatment solution in Africa. The Hydraspin and the Spill Recovery system were installed to assist the mine with oil pollution issue the mine was facing.



Figure 2: Outside view of the containerized Hydraspin and SRS system on the outside.



Figure 1: Hydraspin system inside the container.

Conclusion

AHT offers the full range of Hydraspin technology. Our extensive global experience enables us to solve any hydrocarbon pollution problem and achieve the required discharge limits within budget and specified time frame. Understanding the processes and our comprehensive process design ensure that the right product is provided to meet and exceed our client's needs.