

## Study of Environmental Impact

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**Abstract :** The risks, in general, exist in any project; one can hardly carry out a project without taking risks. The hydraulic works are rather complex projects in their design, realization and exploitation, and are often subjected at the multiple risks being able to influence with their good performance, and can have an negative impact on their environment. The present study was carried out to quote the impacts caused by purification plant STEP Chlef on the environment, it aims has studies the environmental impacts during construction and when designing this STEP, it is divided into two parts: The first part results from a research task bibliographer which contain three chapters (-cleansing of water worn-general information on water worn-proceed of purification of waste water). The second part is an experimental part which is divided into four chapters (detailed state initial-description of the station of purification-evaluation of the impacts of the project analyzes measurements and recommendations).

**Keywords :** treatment plant, waste water, waste water treatment, environmental impact

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