



Project (1): Waste Water Pollution In Fertilizer Industry

**Pollution control in Egyptian fertilizer company
Petrochemical Engineering Department**

Participated students:

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- 2- Moataz Bl- Allah Khaled
- 3- Wael Ragab Amin
- 4- Mohamed Khater Abdel Atty
- 5- Zyad Mohamed Aly

Supervisor: Dr. Rania Farouq

Project Summary:

To study the problems of the industry (material availability operation problems and most important pollutants from industry and how it can be handled.

The students made a questionnaire about the visit to the Egyptian Company for Fertilizers and interviewed a number of employees of the company where they learned about the most important operational problems in terms of availability of raw materials as well as the most important pollutants from industry. It has been monitoring the presence of the problem of irregular supply of natural gas, as well as the high ratio of ammonia dissolved in the groundwater. The students' proposal was to build oxidation ponds for treatment of ammonia in waste water.