

“Capacity Building and Strengthening Institutional Arrangement”

Analysis and Sampling Of Water And Water Pollution

Working group n° 4
**“Define applicable criteria for water
sampling, analysis and control”**

Ms. Elisa Calabretta

APAT

Agency for Environmental Protection and Technical Service

Define applicable criteria for water sampling, analysis and control”

Objectives:

Monitoring is a crucial elements of environmental management. Monitoring require representative data with a good spatial and temporal coverage. The plan of monitoring network require the knowledge of the industrial activities and land use in an area. The focus of this working group is the monitoring of a river flowing through urban and agricultural areas.

Define applicable criteria for water sampling, analysis and control

Activities:

Discussion on the elements to be considered for the definition of a sampling program for microbiological and chemical analysis along the above mentioned river. List all the parameters that should be monitored in compliance with Egyptian legislation.

Discussion on technical records like number of samples to be collected at each sampling points, type of analysis to be carried out for each sample.

Type of containers suitable for the different parameters to be determined.

Planning of transport to the laboratory and measurements

Final presentation and discussion about working group's activities.