



Environmental Management Plan (EMP) and Mitigation Program



30.05.2010

الإدارة المتكاملة لمياه حوض صنعاء .. تجربة بين الواقع والطموح





Objectives :

- 1 - Reducing the negative environmental impacts of various water activities carried out by the Project.
- 2 - Implementation of the environmental management plan.





•Achievements

- Monitoring of water resources usages, conservatives and structures .
- Monitoring environmental impacts resulted from introducing modern irrigation systems.





- Monitoring the effluent Quality of Sanaa's Waste Water Treatment Plant(SWWTP) and the Sludge

Establishment of red flag warning system to warn farmers not to use by pass effluent





Including environmental impact assessments in the studies of SB dams.

Implementing a routine environmental risk assessments for dams during rehabilitations and constructions by SBWMP





- Implementation of the survey to determine the extent of bilharzia infection and the prevalence of the carrier at the districts of Arhab and Nehm.
- Implementing bilharzias inspection and treatment campaign in schools of SB districts.
- Implementing a campaign to strive the transmission of carrier of bilharzia in ponds, swamps and dams in Arhab and Nehm.





Carry out integrated pest management plan for grapes and Qat(IPM).

In coordination with General Directorate of Plant Protection ,the Qat IPM was implemented in SB districts





Exchange of traditional knowledge for the cultivation of Qat, Yemen and Ethiopia in collaboration with FAO, through scientific visit by the specialist team who prepare the integrated Pest Management for Qat.





Preparing the technical study for the re-use of treated water in agriculture.

Implementation of two awareness Campaigns to reduce the environmental impacts resulting from the use of treated (partly) sewage water in Agriculture

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Support of the general directorate of Plant Protection with equipments of measuring the pesticides.





Implementation of the water quality monitoring program in the Basin area and analysis of water quality.



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Provide the laboratory of treatment plant with the necessary equipments. .

Provide NWRA-SB laboratory with some equipments and laboratory solutions-.





Design of posters, brochures and educational,
environmental bio-compact of agricultural pests
and fast-action program to reduce the
environmental impact of the treatment plant, which
was implemented by the Media Unit

