

Jordan Activities
Quarterly Report - XXVII
Sustainable Development of Drylands Project
IALC-BRDC

I. Activities Summary (April 1 – June 30, 2009):

Management Practices of Sludge and Biosolids in Jordan

- Volume I Manual: A new proposal with smaller scope is being developed by RSS for approval. Manual information is being updated and an outline is being prepared by RSS.
- Volume II Manual: English version completed and approved by project. Report has been finalized by JUST with assistance from U of A. Arabic version completed and approved by BRDC team.
- Volume III of the Manual: finalized and approved by project. Manual has been disseminated to USAID. BRDC have been transmit copies to WAJ, JISM, MWI, M of A, M of Environment and other academic institutions and agencies in Jordan

**The Development of Anaerobic Wastewater Treatment Technology for Jordan:
UASB Adaptation to low temperatures and characterization of solids at Salt**

- WERSC will report on those 2 activities in one report identifying each section.
- Final report will be submitted to the project by the end of July for review and approval by the project.

Characterization of Septage at Ain Ghazal

- A paper has been submitted by Dr. Maha Halalshe and others for publication. WERSC will provide a copy to BRDC and the project when published.

Rangeland Responses under Biosolids Application

- Project preparation of activity is completed and study is under way. Late rainfall pushed activity further into spring. Activity will be completed middle of summer, samples of soil and biomass are taken and will tested as per the proposal.
- Progress report has been done and sent to UoA for review.
- BRDC and HU team visit the site at least once a week for monitoring.

II. Activities Summary for the following period (July 1 –September 30, 2009):

Development of Biosolids aging Treatment Method (a precursor activity at Madaba)

- RSS will continue aging technique under warm conditions

Modeling Biosolids Treatment in Jordan

- Modeling is based on microbiological data gathered by RSS and Msheger weather station will be performed by A. Tamimi

Management Practices of Sludge and Biosolids in Jordan

- RSS will continue working on volume I of the manual, Activity will be completed.

The Development of Anaerobic Wastewater Treatment Technology for Jordan

- Final report for Salt and UASB adaptation to low temperature will be prepared and sent to UoA to reviewed by project and comments will be sent to WERSC. Activity will be completed.

Rangeland Responses under Biosolids Application

- BRDC and HU will continue the biosolids application on the demonstration site ,
- BRDC and HU start planning for workshop during the summer (July). *Ad hoc* biosolids committee and USAID will be among those who will be invited.
- Final report prepared by BRDC and HU must be sent to UoA. Activity will be completed.

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