

TRAINING OUTLINE

Course 2: sewage treatment management (4 meetings; 20 hours)

Rationale

To provide a systemic overview of municipal wastewater management in the context of groundwater pollution prevention.

Target audience

- Municipal planners
- City council members
- Municipal engineers
- Environmental departments

Time

9 a.m. – 3 p.m. (including a one hour lunch break)

Location

Grand Park Hotel

Day 1: January 16, 2008

Topic: Overview: Sustainability of shared water resources

Lecture	Trainer (unconfirmed)	Overall Time (H)
<ul style="list-style-type: none">Regional water resourcesMutual dependence and need for cooperationSustainability concepts for wastewater management	Anan Jayousi, PhD	2

Topic: Overview: Wastewater management

Lecture	Trainer (unconfirmed)	Overall Time (H)
<ul style="list-style-type: none">Wastewater characteristicsPre-treatment of wastewaterProcesses and technologies of industrial pre-treatment	Nael Tahseen	3

Day 2: January 23, 2008

Topic: Overview: Wastewater management

Lecture	Trainer (unconfirmed)	Overall Time (H)
<ul style="list-style-type: none">Palestinian wastewater management: Past and current approachesIsraeli wastewater management: Past and current approaches	Majeda Alawneh	2

Topic: System planning

Lecture	Trainer (unconfirmed)	Overall Time (H)
<ul style="list-style-type: none">Development of environmentally and economically sound wastewater management systemsWastewater tariffs, willingness to pay & public awarenessFinancial analysis and cost estimates	Maher Abu Madi	3

Day 3: January 30, 2008

Topic: Linking of management plans to GIS applications

Lecture	Trainer (unconfirmed)	Overall Time (H)
<ul style="list-style-type: none">• Creation of an information basis for management plan	Jamal Zaitawi	3

Lecture	Trainer (unconfirmed)	Overall Time (H)
<ul style="list-style-type: none">• Network maintenance and inspection plans• Network monitoring measures• Economic aspects of network maintenance, water corporations	Rawan Aseed	2

Day 4: February 6, 2008

Topic: Enforcement

Lecture	Trainer (unconfirmed)	Overall Time (H)
<ul style="list-style-type: none">• Statutory overview• Overview of administrative and enforcement measures available to municipalities Enforcement of pre-treatment• Business licensing• Regulatory standards and issues• Identification of system failures	Suleiman Abu-Ghosh	3