

2004 Meeting

NATO/CCMS Pilot Study Prevention and Remediation In Selected Industrial Sectors: Rehabilitation of Old Landfills

Agenda

DRAFT 5/17/04

Date: May 23-26, 2004

**Meeting site: Cardiff City Hall
Cardiff, Wales**

Sunday, May 23

19:30 Cheese and Wine Reception -**Cardiff Castle** (casual dress)

Monday, May 24

8:30 Registration & Coffee

9:00 Host-- welcome/remarks - Welsh Assembly, Welsh Development Agency

9:40 Welcome - Walter W. Kovalick, Jr.(Pilot Study Director)

10:00 Introduction of Study Members and Guests

10:20 Break

10:40 Presentation of Pilot Study

11:00 U.K. – Bob Harris – Sustainable Remediation of Historical Point Pollution—At the Landscape Scale

11:30 E.U. -- Harald Kasamas -- Update on Status of European Soil Directive

New Technologies and Technical Approaches

11:50 U.S. -- Operating Landfills as Bioreactors to Decompose and Stabilize Solid Waste

12:20 Lunch

13:45 Austria –Innovative Technologies for the Remediation of Landfills and Contaminated Soils

14:15 U.S. -- Field Water Balance and Landfill Covers

New Monitoring Approaches

- 14:45 Italy - Underground Monitoring System: A Tool for Dry Horizontal Directional Monitoring
- 15:15 U.S. -Monitoring of Landfills Using Open Path Technologies
- 15:45 Break
- 16:10 Tour de Table -- Italy
- 16:30 Tour de Table -- Lithuania
- 16:50 Russia -- Study of PCB-Contaminated Site and Evaluation of Rehabilitation Methodology
- 17:20 Canada -- Landfill Assessment, Remediation and Monitoring at Remote Artic and Northern Canadian Contaminated Sites
- 17:50 Adjourn
- Dinner in Cardiff -- not provided
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Tuesday, May 25

- 8:30 Registration & Coffee
- 9:00 **Country Representatives:** Preliminary Discussion of Industrial Sectors/Next Meeting

Strategies for Completion and Aftercare

- 9:40 Germany - Strategies and Examples of Landfill Closure
- 10:10 Canada - Strategies for Mitigation of Environmental Impacts from a Closed Municipal Landfill
- 10:40 Germany - Closure and Aftercare Regime for Landfills below the Water Table
- 11:10 Break
- 11:30 Moldava - Waste, Noxious Substances Management
- 12:00 U.K. – Assessment and Remediation of the BP Llandarcy Refinery Landfill Site
- 12:30 Lunch
- 13:30 Canada - Closure of the Britannia Sanitary Landfill Site - Is It the End or Just the Beginning?

Managing and Treating Leachate

- 14:00 France - Use of Constructed Wetlands in Treatment of Landfill Leachates
- 14:30 U.K. – Landfill Leachate Treatments—State of the Art in the U.K.
- 15:00 Break

15:20 Belgium - Control of Landfill Leachate Contaminated Groundwater by a Multibarrier Approach
15:50 France - Leachate Treatment on 70 Hectare Landfill with 50 wells
16:20 U.K. -- Dilute and Disperse Landfills: Evidence for Natural Attenuation of Leachate
16:50 Tour de Table – France
17:10 Adjourn
19:30 Pilot Study Dinner – Cardiff Castle

Wednesday, May 26

8:15
 Field Trip — BP Llandarcy LandFill Site, Swansea
12:15
12:30 Lunch
13:30 **Country Representatives:** Selection of Final Venue and Sector for Next Meeting
14:10 Tour de Table -- Moldava
14:30 Tour de Table -- Turkey

Managing Landfill Gases

14:50 Australia - Landfill Rehabilitation Case Study
15:20 Italy – Phytoinvestigation and Remedial Actions at an Old Landfill Site in Southern Italy
15:50 Closing of Meeting and Adjourn