

Meeting Title		Document Number	Revision		
NWIRP Bethpage AOC 22 NYSDEC Meeting Minutes		ES040003	Α		
		Project Name			
		NWIRP Bethpage Closed-Loop			
		Bioremediation Pilot Demonstration			
Author	Meeting Date	Project Number			
Dan Lohavanijaya	03/16/2004	N47408-04-C-7505			

			Attendance Record			
Name	Title	Affiliation	03/16			
Dan Lohavanijaya	Project Manager	ARUSI	Х			
Edmundo Uribe	Senior Engineer	ARUSI	Х			
David Peskin	Senior Engineer	Locus	Х			
Jim Colter	Remedial Project	EFANE	Х			
	Manager					
Mark Leipert	Remedial Technical	EFANE	Х			
	Manager					
Al Taormina	Facility Manager	J.A. Jones	Х			
Steven Scharf	Project Engineer	NYSDEC	Х			
Nick Acampora	Environmental	NYSDEC	Х			
	Program Specialist					

cc: Mark Bittner – Locus Technologies Tim McEntee – NFESC Paulette Peterson – NAVFACCO Michael Reynoso – ARUSI



Meeting Objective

This was the initial meeting between the project team, including AR Utility Specialists, Inc. (ARUSI), Locus Technologies, Inc., and Naval Facilities Engineering Command, Engineering Field Office Northeast (EFANE), and the New York State Department of Environmental Conservation (NYSDEC). The objectives of the meeting were as follows:

- Overview and introduction of ARUSI and Locus.
- Introductory presentation of the closed-loop bioremediation system.
- Discuss project background, approach, and milestones.

Discussion Points

- The presentation slides given during the meeting are attached.
- Regarding circulation of vapor in the closed loop system, NYSDEC commented on the need to control soil gases to avoid intrusion into physical structures, or migration within the proximity of the railroad tracks south of AOC 22.
- Regarding the biotreatment additives to be used at the site, NYSDEC commented on the importance of controlling additive migration, especially in outlying treatment wells.
- Regarding the utilization of Fenton's Reagent, NYSDEC commented that the reaction needs to be properly managed and controlled. ARUSI will control the distribution of the chelated iron and hydrogen peroxide, and will work in small areas, one area at a time.
- The above concerns raised by NYSDEC should be addressed in the Work Plan / Health and Safety Plan (WP / HASP). The WP / HASP drafts are to be distributed to NYSDEC via EFANE. Steven Scharf, Nick Acampora, and Jim Harrington are the key people at NYSDEC who are interested in reviewing the work plan.
- The WP / HASP should include the Material Safety Data Sheets for the biotreatment additives.

Follow Up Action Items

The following follow up action items were noted during the meeting:

Requ	uired Action	Responsible	Due Date
1	Provide copies of the draft Work Plan and Health and Safety Plan to the NYSDEC	D. Lohavanijaya via J. Colter	























































