

A Short Course:

MINE WATER TREATMENT – TECHNOLOGIES, CASE STUDIES & COSTS

AGENDA

TIME	PROGRAM TOPIC	INSTRUCTOR
8:00 – 8:30 am	Registration	
8:30 – 8:40 am	Welcome, Introductions and Course Overview	Mark Reinsel
8:40 – 9:10 am	Overview of Regulatory Drivers in Mine Water Treatment	Scott Mason
9:10 – 9:20 am	Selecting a Treatment Process	Mark Reinsel
9:20 – 10:00 am	Established Treatment Technologies for Contaminants of Concern <ul style="list-style-type: none">• Chemical, Physical and Biological Processes• Metals Removal• Nitrate Removal	Mark Reinsel
10:00 – 10:30 am	BREAK	
10:30 am – 12:00 pm	Established Treatment Technologies (cont.) <ul style="list-style-type: none">• Sulfate Removal• Cyanide Removal• Selenium Removal Waste Stream Management	Scott Benowitz
12:00 – 1:00 pm	LUNCH	
1:00 – 1:30 pm	Emerging Treatment Technologies	Mark Reinsel
1:30 – 2:30 pm	Case Studies and Lessons Learned <ul style="list-style-type: none">• Butte Highlands• Jerritt Canyon: Arsenic and Antimony, Sulfate	Steve Osterberg Mark Reinsel
2:30 – 3:00 pm	BREAK	
3:00 – 4:00 pm	Case Studies and Lessons Learned (cont.) <ul style="list-style-type: none">• Sulfate Removal Using Advanced Ettringite Process• Sulfate Projects• Kensington Mine	Scott Benowitz Mark Reinsel Mark Reinsel
4:00 – 4:30 pm	Water Treatment Costs – Capital and Operating	Scott Benowitz Mark Reinsel
	Final Comments and Questions	Mark Reinsel