

Day Trip B: New Methods – Environmental Monitoring of Water, Air and Soil

Collection and acquisition of data and information, their retrieval, assessment and long-term archiving remains a vital element of the Wismut environmental restoration project. This day trip follows the long way which environmental data and information run from sampling plan design to data documentation at the Schlema-Alberoda site.

9 hours	Departure Bad Schlema from Hotel am Kurhaus or Kurhotel, respectively
9:15 – 10 hrs	Mine Shaft #371: Introduction to Environmental Monitoring and the technical data bases of Wismut GmbH
10 – 13 hrs	<p>Bad Schlema spa park: groundwater sampling amidst the spa park</p> <p>Schneeberg: Attendance at sampling of radioactively contaminated exhaust air from the Schneeberg mine</p> <p>Mine Dump #38neu and Mine Dump #366:</p> <ul style="list-style-type: none"> - Demonstration of field measurements to document the efficiency of mine dump capping - Demonstration of lysimeter investigations
14 – 16 hrs	<p>Back to Mine Shaft #371 we come full circle ...</p> <ul style="list-style-type: none"> - Follow the groundwater sample on its way through the laboratory - Presentation of environmental data quality assurance exemplified by analysis of the groundwater sample - Presentation / Tour of the Wismut Data and Information Center (DIZ)
17 hrs	Arrival back in Bad Schlema at Hotel am Kurhaus or Kurhotel, respectively

