

# Day Trip A:

## New Approaches – Water Management and Water Treatment

The Day Trip addresses current practice as well as the long-term prospects of water management by WISMUT as exemplified by a number of pertinent former mining and processing sites. The tour includes visits to and explanations on the large-scale water treatment plants (WTP) at Schlema and Ronneburg and the facility treating tailings seepage at the Helmsdorf site. Management and handling of water treatment residues will also be explained. A package of measures intended to ensure long-term collection of mine water seepage across the “Gessen valley” emergence area will be presented at the Ronneburg site. Information on the approaches to long-term management of mine-impacted waterbodies, on current research on and planning of technology adjustments and optimisation of long-term employment of resources will round out the day’s program.

<b>8:30 hours</b>	<b>Departure Bad Schlema</b> from Hotel am Kurhaus or Kurhotel, respectively
<b>9 – 10:15 hrs</b>	<b>WTP Schlema-Alberoda</b> , Tour of the plant and of the disposal cell for immobilised water treatment residues on mine dump #371
<b>11 – 12:30 hrs</b>	<b>WBA Helmsdorf</b> <ul style="list-style-type: none"> <li>- Tour of the plant and comments on the plant’s status in conjunction with ongoing tailings stabilisation and reclamation efforts at the Helmsdorf tailings management area</li> <li>- Information on current planning and research</li> </ul>
<b>14 – 15 hrs</b>	<b>Ronneburg Site, Gessen valley:</b> Mine flooding strategy and seepage collection
<b>15 – 16 hrs</b>	<b>WTP Ronneburg</b> , Tour of the plant and of the disposal site for immobilised water treatment residues
<b>17 hrs</b>	<b>Arrival back in Bad Schlema</b> at Hotel am Kurhaus or Kurhotel, respectively

