

## ADTI Coal Mining Sector White Paper Development

| <b>WP #</b> | <b>White Paper (WP) Technical Topics</b>                                         | <b>Technical Team Coordinator</b> | <b>Steering Committee Technical Group Affiliation/Representative</b> |
|-------------|----------------------------------------------------------------------------------|-----------------------------------|----------------------------------------------------------------------|
| 10          | CCB: Risk Assessment Methods                                                     | P. Ziemkiewicz                    | CCB/Vories                                                           |
| 11          | CCB: Minefill Impacts/Benefits & Field Validation                                | K. Vories,                        | CCB/Vories                                                           |
| 7           | Passive Treatment: Long-term Performance Evaluation and Metrics                  | C. Cravotta,                      | Passive Treatment/Rose                                               |
| 8           | Passive Treatment: Reasons for Success/Failure                                   | A. Rose,                          | Passive Treatment/Rose                                               |
| 9           | Passive Treatment: Improved Methods                                              | J. Schueck                        | Passive Treatment/Rose                                               |
| 12b         | In Situ Treatment: Alkaline Amendments, Foundation Drains and Reactive Barriers  | G. Geidel                         | Passive Treatment/Rose                                               |
| 13          | Refuse Capping/Barriers                                                          | P. Behum                          | Passive Treatment/Rose                                               |
| 15          | ADTI CMS Technology Transfer                                                     | J. Skousen                        | Technology Transfer/Skousen                                          |
| 3           | Prediction of Contaminant Loading: Predict Hydrologic Budget of UG Mines         | J. Hawkins                        | UG Mines/Schaer                                                      |
| 4           | Predict Long-term AMD: Discharge from Flooded UG Mines                           | A. Schaer                         | UG Mines/Schaer                                                      |
| 5           | Predict Long-term AMD: Discharge from Above Drainage UG Mines                    | Skousen/Perry                     | UG Mines/Schaer                                                      |
| 12a         | In Situ Treatment: In-Mine Treatment                                             | K. Johnson                        | UG Mines/Schaer                                                      |
| 16          | Treatment Methods for Large UG Discharges                                        | C. Cravotta                       | UG Mines/Schaer                                                      |
| 1           | Manganese Treatment Standard                                                     | K. Brady                          | Water Quality/Brady                                                  |
| 2           | Prediction of Contaminant Loading: Predict Contaminant Concentrations from mines | R. Hornberger                     | Water Quality/Brady                                                  |
| 6           | Predict Long-term AMD: Discharge from Surface Mines                              | K. Brady                          | Water Quality/Brady                                                  |
| 14          | Treatment for Non-Conventional Constituents (e.g., Se, Cl, As, Zn, Ni, Hg)       | K. Johnson                        | Water Quality/Brady                                                  |
| 14a         | Se prediction, avoidance, remediation                                            | H. Bevans                         | Water Quality/Brady                                                  |

**October 21, 2005**