

APPENDIX F

Description of Electronic Data Files

**Exploratory Study of Basement Moisture During Operation of ASD
Radon Control Systems**

Contractor Report to EPA

December 6, 2007

Project Final Report with Appendices (Microsoft Word [doc] and Adobe Acrobat Reader [pdf])

Following are the files comprising the final report:

- Moisture Project Final Report
- Appendix A - Forms
- Appendix B - House Selection Criteria
- Appendix C - ASD Diagnostics Design & Description
- Appendix D - Monitoring & Testing
- Appendix E - Description of Electronic Data
- Appendix F - Conceptual Model
- Appendix G - 14-day Moisture Analysis
- Appendix H - Surface Moisture Measurements

Project Data Files (Microsoft Excel [xls])

PA01_ConvertedData_Final.xls: Data collected and recorded by the data loggers on site at house PA01 that has been screened, filtered, converted, and processed. Some invalid or erroneous data values may remain.

PA02_ConvertedData_Final.xls: Data collected and recorded by the data loggers on site at house PA02 that has been screened, filtered, converted, and processed. Some invalid or erroneous data values may remain.

PA03_ConvertedData_Final.xls: Data collected and recorded by the data loggers on site at house PA03 that has been screened, filtered, converted, and processed. Some invalid or erroneous data values may remain.

Pressure_Field_Extension_Data.xls: All pressure differential data recorded during tests of the extent of pressure field caused by the ASD systems at each house.

Floor_Wall_Joist_Surface.xls: All measurements of surface moisture from all houses using handheld instruments, conducted periodically throughout the study.

Ventilation_Interzonal.xls: Laboratory results of tracer gas concentrations for test from four seasons, along with calculated and summarized ventilation and interzonal flow measurements at all houses.

Harrisburg_Weather_Data.xls: Meteorological data recorded at the Harrisburg, PA airport that covers the field testing period of this study. These data were used as a comparison with on-site measurements made at one of the houses (PA01).