

ABANDONED MINE DRAINAGE REMEDIATION FOR THE MACKEYSBURG RESTORATION PROJECT SCHUYLKILL HEADWATERS ASSOCIATION, INC. LOCATED IN

CASS TOWNSHIP, SCHUYLKILL COUNTY, PA

ACT 187 UNDERGROUND UTILITY PROTECTION ACT
RETTEW ASSOCIATES, INC. HEREBY STATES THAT, PURSUANT TO THE PROVISIONS OF ACT NO. 287 OF 1974, AS AMENDED BY ACT 187 OF 1996, OF THE PENNSYLVANIA STATUTES, THE DRAWINGS BEARING THESE DRAWINGS REQUIRING EXCAVATION OR DEMOLITION WORK AT SITES WITHIN THE POLITICAL SUBDIVISION(S) SHOWN ON THE DRAWINGS:

- PURSUANT TO SECTION 4, CLAUSE (2) OF SAID ACT, RETTEW ASSOCIATES, INC. REQUESTED FROM EACH USER'S OFFICE DESIGNATED ON SUCH LIST PROVIDED BY THE ONE CALL SYSTEM NOTIFICATION, THE INFORMATION DESCRIBED BY SECTION 2, CLAUSE (4) OF SAID ACT, FOR THE POLITICAL SUBDIVISION(S) SHOWN ON THE DRAWINGS. FINAL DESIGN IS TO BE COMPLETED.
 - PURSUANT TO SECTION 4, CLAUSE (3) OF SAID ACT, RETTEW ASSOCIATES, INC. HAS MET THEIR OBLIGATIONS OF CLAUSE (2) BY CALLING THE ONE CALL SYSTEM SERVING THE LOCATION WHERE EXCAVATION IS TO BE PERFORMED.
 - PURSUANT TO SECTION 4, CLAUSE (3) OF SAID ACT, RETTEW ASSOCIATES, INC. HAS SHOWN UPON THESE DRAWINGS THE POSITION AND TYPE OF EACH LINE, AS DERIVED PURSUANT TO THE REQUEST BY THE ONE CALL SYSTEM, THE TOLL-FREE ONE CALL SYSTEM PHONE NUMBER, AND THE NAME OF THE USER, THE USER'S DESIGNATED OFFICE ADDRESS AND PHONE NUMBER AS SHOWN SAID ACT, IS REFERRED TO IN SECTION 4, CLAUSE (2) OF SAID ACT.
- AND RETTEW ASSOCIATES, INC. DOES NOT MAKE ANY REPRESENTATION, WARRANTY, ASSURANCE OR GUARANTEE THAT THE INFORMATION RECEIVED PURSUANT TO SAID REQUEST AND AS REFLECTED ON THESE DRAWINGS IS CORRECT OR ACCURATE, BUT RETTEW ASSOCIATES, INC. IS REFLECTING THE INFORMATION AS PROVIDED TO THE REQUIREMENTS OF THE SAID ACT NO. 187 OF DECEMBER 19, 1996.
- ONE CALL SYSTEM SERIAL NO. NOTIFICATION BY RETTEW ASSOCIATES, INC.
DATE: 05/14/05

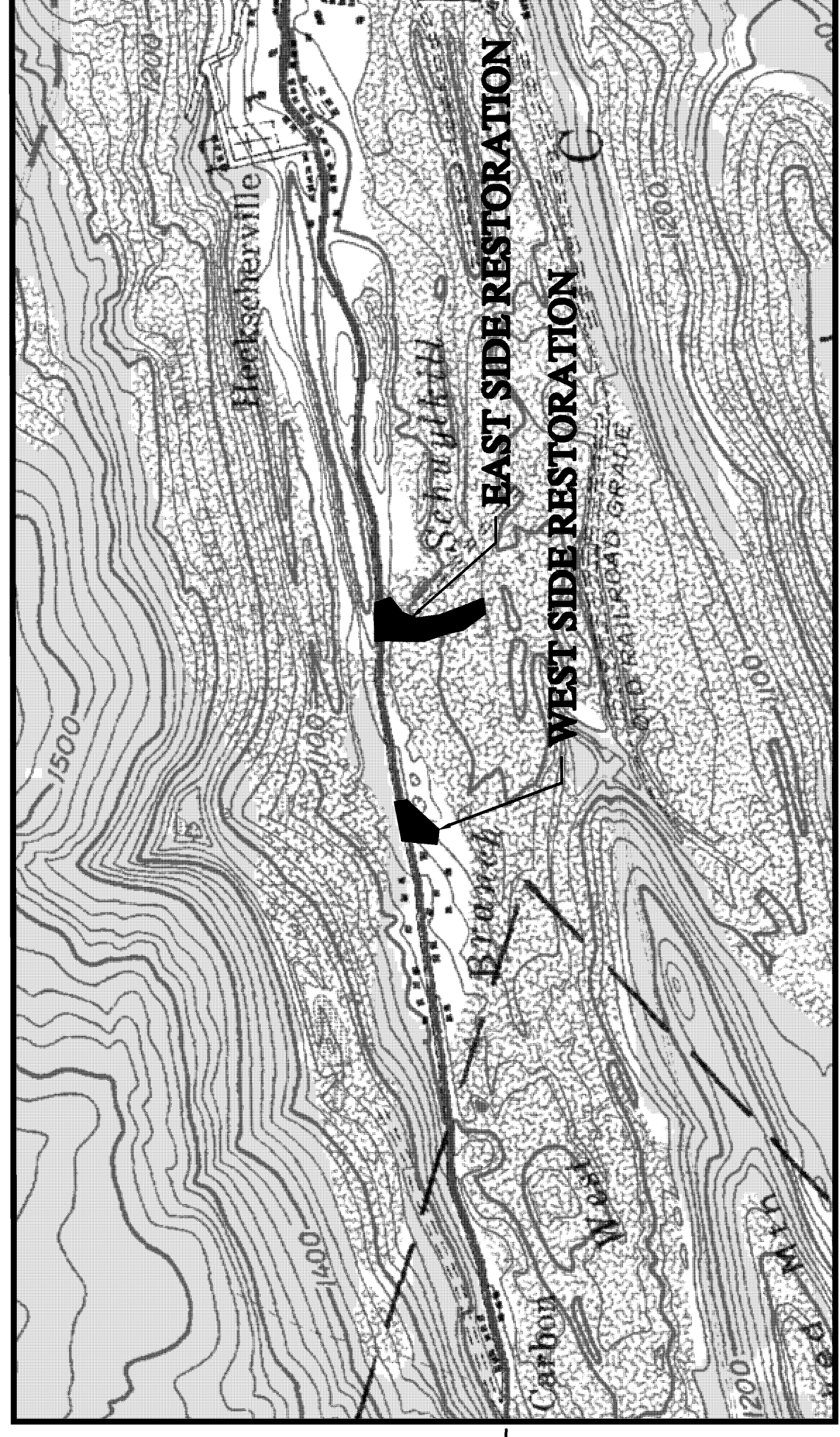
ONE CALL SYSTEM SERIAL NUMBER: 1547168
PA 1
CALL BEFORE YOU DIG!
PENNSYLVANIA LAW REQUIRES
CONSTRUCTION RELEASE AND 100 WORKING
DAYS IN DESIGN STAGE - STOP CALL
1-800-242-1776

UTILITIES RESPONDED:

- BLUETHE TOWNSHIP MUNICIPAL AUTHORITY
3715 VALLEY STREET
NEW PHILADELPHIA, PA 17959
CONTACT: MICHAEL E. BURDA
- BRANCH CASS REGIONAL SEWER AUTHORITY
1000 W. MARKET ROAD
P.O. BOX 309
LLEWELLYN, PA 17944
CONTACT: DONNA K. KRISH
- CONCAST CABLE COMMUNICATIONS
2323 WEST END AVENUE
POTTSTOWN, PA 17901
CONTACT: KEITH DOVE
- PPL ELECTRIC UTILITIES CORPORATION
4810 LYCOMING MALL DRIVE
MONTGOMERYVILLE, PA 17754
CONTACT: PAM SEITZER
- PPL GAS UTILITIES CORPORATION
555 CAMARCO ROAD
QUARRYVILLE, PA 17566
CONTACT: SCOTT KINTER
- SCHUYLKILL COUNTY MUNICIPAL AUTHORITY
100 CENTRE STREET
P.O. BOX 980
POTTSTOWN, PA 17901
CONTACT: DAVID J. HOLLEY
- VERIZON PENNSYLVANIA INC
STRAMBERY SQUARE 11TH FLOOR
HARRISBURG, PA 17101
CONTACT: SHERRY IMHOFF

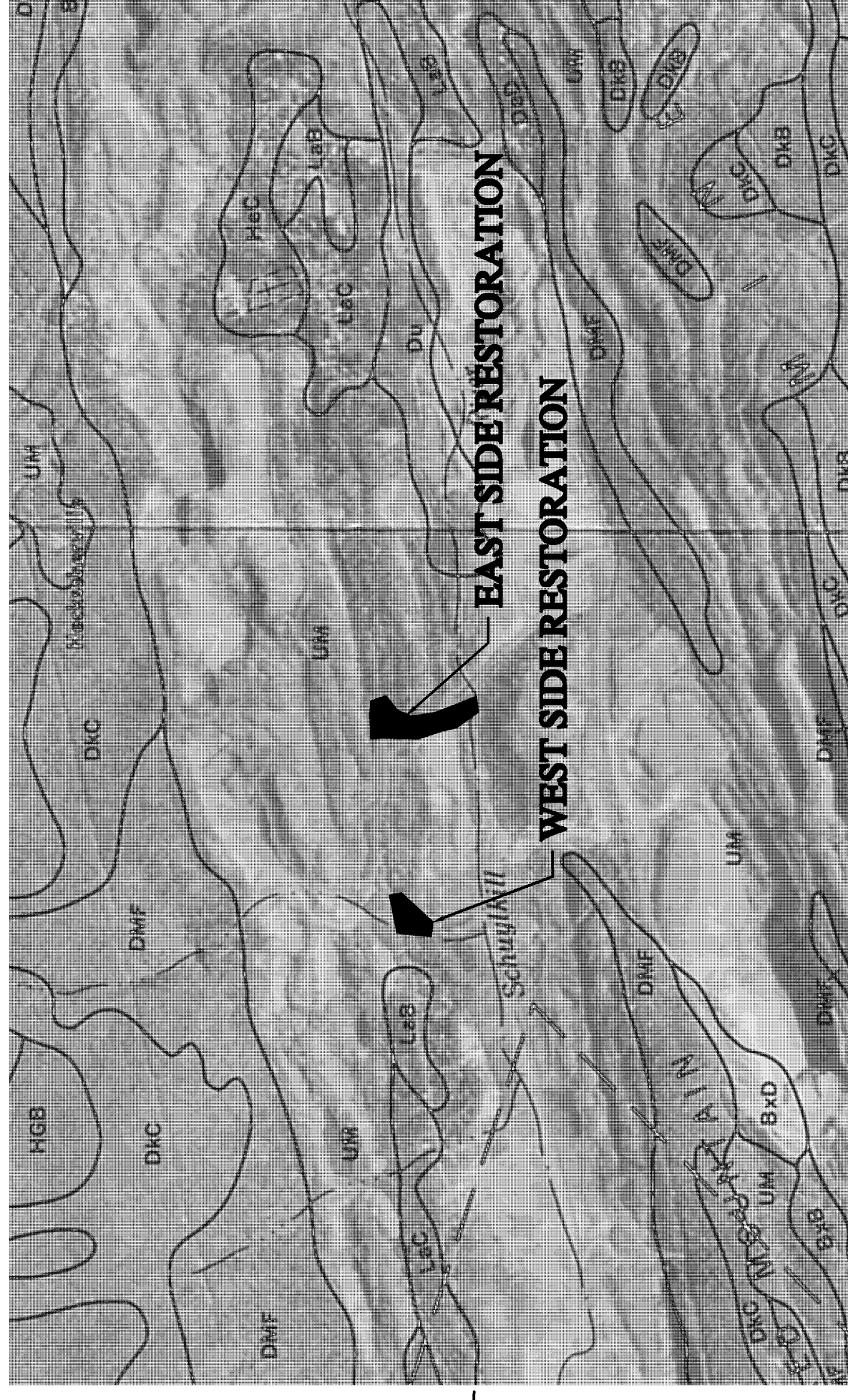
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LOCATION MAP

SCALE: 1"=1000'



SOILS MAP

APPROXIMATE SCALE: 1"=2000'

GENERAL NOTES

- BENCHMARK - A NAIL IN EXISTING UTILITY POLE - LOCATED APPROXIMATELY 54' EAST OF THE EXISTING 15" RCP IN THE WEST SIDE RESTORATION AREA ON THE SOUTH SIDE OF VALLEY ROAD. ELEVATION: 980.05', DATUM: NAD 83.
- ALL EXISTING UTILITIES HAVE BEEN SHOWN IN ACCORDANCE WITH THE BEST AVAILABLE INFORMATION.
- THE CONTRACTOR SHALL VERIFY THE EXACT LOCATION OF ALL ABOVE GROUND UTILITIES AND STRUCTURES AT ALL TIMES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF THESE UTILITIES AND STRUCTURES AT ALL TIMES.
- THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PROTECT THE EXISTING UTILITIES AND MAINTAIN UNINTERRUPTED SERVICE AND ANY DAMAGE SHALL BE REPAIRED IMMEDIATELY AND COMPLETELY AT HIS EXPENSE.
- DAMAGE TO EXISTING UTILITIES SHALL BE THE RESPONSIBILITY OF LANDSCAPE ARCHITECTS AND NOT THE RESPONSIBILITY OF THE CONTRACTOR.
- THE PLAN LOCATIONS AND DIMENSIONS SHALL BE STRICTLY ADHERED TO, UNLESS OTHERWISE DIRECTED BY THE ENGINEER. PLAN CHANGES SHOULD THEY BE REQUIRED, ARE SUBJECT TO MUNICIPAL AND COUNTY ORDINANCES.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING A COPY OF ALL PERMITS REQUIRED TO CONSTRUCT THE PROJECT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UTILITIES AND STRUCTURES PRIOR TO THE START OF CONSTRUCTION.
- CONTRACTORS SHALL VERIFY ALL DIMENSIONS ON THE SITE PRIOR TO THE START OF CONSTRUCTION.
- CONTRACTOR SHALL NOTIFY ALL UTILITIES REQUIRED PER ACT 187 FOR VERIFICATION AND LOCATION OF UTILITIES PRIOR TO CONSTRUCTION.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL JOB SITE SAFETY, ALL TRAFFIC CONTROL, TRENCH BARRICADEING, COVERING, SHEETING AND SHORING.
- ALL BERMS AND IMPONMENTS SHALL BE CONSTRUCTED IN 6" LIFTS AND COMPACTED TO 95% PROCTOR DENSITY.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ACCESS TO THE SITE WITH THE READING ANTHRACITE COMPANY.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL AND DISPOSAL FOR ALL UNUTILIZED MATERIAL ON THE SITE.
- THE CONTRACTOR SHALL COORDINATE WITH THE PROPER ENTITIES CONCERNING THE REMOVAL AND DISPOSAL OF ALL MATERIAL ON THE SITE. THIS PRODUCT MUST BE STORED IN AN ACCESSIBLE AREA ON THE SITE.
- ALL CLAY MATERIAL SHALL BE COMPACTED TO ELIMINATE SEEPAGE.
- MATERIAL FOR CONSTRUCTION OF BERMS SHALL BE CLEAN FILL, FREE OF ORGANIC MATERIAL AND STONES IN EXCESS OF 6" IN DIAMETER.
- TRACKED EQUIPMENT SHALL BE ALLOWED ON SITE. IT IS THE CONTRACTOR'S RESPONSIBILITY TO REPAIR ANY DAMAGE CAUSED BY SUCH EQUIPMENT.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING CASS TOWNSHIP, THE SCHUYLKILL HEADWATERS ASSOCIATION, INC. RETTEW ASSOCIATES, INC. AND THE SCHUYLKILL COUNTY PLANNING DISTRICT (10) WORKING DAYS PRIOR TO THE START OF CONSTRUCTION.
- THE PLAN LOCATIONS AND DIMENSIONS SHALL BE STRICTLY ADHERED TO UNLESS OTHERWISE DIRECTED BY THE ENGINEER. PLAN CHANGES SHOULD THEY BE REQUIRED, ARE SUBJECT TO MUNICIPAL AND COUNTY ORDINANCES.
- CONCRETE REINFORCING DESIGN TO BE PERFORMED BY MANUFACTURER.
- ALL CONCRETE SHALL BE MINIMUM 3,000 PSI.

MANAGER: CLAYTON BURBECK, P.E.
DESIGN BY: CHK/CH
CHECK BY: CH
DRAWN BY: CHD/CH
FIELDBOOK NO. 17, ORNER
SURV. CHIEF: PAUL DOUTLER

FOR RETTEW ASSOCIATES BY: [Signature]

NO. DATE REVISION

CLIENT: SCHUYLKILL HEADWATERS ASSOCIATION, INC.
P.O. BOX 1385
POTTSTOWN, PA 17901
(570) 385-2122

NO SCALE

PROJECT NO. 05-05-04234-001-Cover-Eng

RETTEW Associates, Inc.
Union Street Station, 101 East Union Street
Pottsville, PA 17901
Phone: (570) 622-8222 • Fax: (570) 622-4260
Email: retrew@retrew.com Website: www.retrew.com
Behrens Pk. Comp Hill, Pottsville, PA 17901, PA

Environmental Consultants • IT Consultants
Engineers • Architects • Engineers • Architects

ABANDONED MINE DRAINAGE REMEDIATION
FOR THE
MACKEYSBURG RESTORATION PROJECT
COVER SHEET

SCHUYLKILL HEADWATERS ASSOCIATION, INC.

CASS TOWNSHIP
DATE: NOV. 29, 2005
SHEET NO. 1 OF 6
DWG. NO. 05-04234-001

