

Reclaimed Abandoned Mine Land Inventory System (RAMLIS) Investigations

These reports include mine inspector's notes related to an Abandoned Mine Land (AML) Site which describe the area from the early 1980s to the late 1990s and serves as a good source for historical background of the site post mining. Sites are organized by watershed below.

Warrior Creek

- PA_2134_Korn_Krest_South
- PA_3746_Hanover_Green
- PA_3748_East_Askam

Nanticoke Creek

- PA_1296_Dundee_Road
- PA_1551_Askam_North
- PA_1554_Hanover_Back_Road
- PA_1556_Hanover_Reservoir
- PA_1807_Cross_Valley_Viaduct
- PA_4060_Alden_Mountain_East
- PA_4241_Loomis_Park_Southwest

Newport Creek

- PA_1411_Susquehanna_#7_Mine
- PA_1651_Delaware_and_Hudson_RR
- PA_2141_Nanticoke_Newport_Creek
- PA_2148_Newport_Cemetery_Center
- PA_2152_Newport_North
- PA_2155_Ball_Field_East



EPCAMR
Eastern Pennsylvania Coalition for Abandoned Mine Reclamation

STATUS (1): ABANDONED MINE LAND - 2 TOTAL FEATURES, 2 RECLAIMED

PLANNING UNIT NAME (2): WARRIOR CREEK

SOURCES (3):

ORIGINAL PADAFO	REPORT	Y		AMLF #1-2	4/81
ROCCOGRANDI/MACBLANE	W-B SITE VISIT		Y	AMLF #1-2	3/28/86
S. HEDISH	COMPLETION REPORT	Y		AMLF #1-2	04/10/92

GENERAL SETTING (5):

PRIORITY 1 FEATURES NARRATIVE (6):

PRIORITY 2 FEATURES NARRATIVE (7):

AMLF #1 (DH), #2 (DH): THESE FEATURES HAVE BEEN RECLAIMED AS A RESULT OF THE FOLLOWING PROJECT WHICH WAS FUNDED THROUGH THE 1987 CONSTRUCTION GRANT:

- OSM 40(2134)101.1
- BACKFILLING STRIP PITS
- KORN KREST SOUTH
- HANOVER TOWNSHIP, LUZERNE COUNTY
- THE WORK WAS COMPLETED BY ANTHONY R. POPPLE EQUIPMENT RENTAL, CONTRACTOR, ON JUNE 1, 1989, AT A COST OF \$26,368.20.

AMLF #1 (DH), #2 (DH): THESE TWO SMALL WATER-FILLED STRIP PITS EXISTED 20 FEET WEST OF ASHLEY STREET. THE PITS BOTH HAD STEEPLY INCLINED BANKS TO THE WATER SURFACE. THE DIMENSIONS OF THE PITS' HIGHWALLS WERE 60' X 15' AND 100' X 20'. BOTH WERE 20' FROM THE WEST SIDE OF ASHLEY STREET AND HAD 60-DEGREE SLOPES ON THEIR EAST BANKS. THERE WERE NO GUARDRAILS TO PRECLUDE A VEHICLE FROM DESCENDING OVER THE 15-FEET-HIGH BANKS INTO THE WATER. BOTH HAVE BEEN RECLAIMED BY BACKFILLING.

PRIORITY 3 FEATURES NARRATIVE (8):

TRAPPED OR IMPOUNDED WATER (15):

WATER IN PITS SEEMS TO BE OF GOOD QUALITY. PH OF 6.2 WITH NO IRON WAS FOUND IN ONE OF THE PITS.

POLLUTED WATER LEAVING SITE (16):

POLLUTED WATER ENTERING STREAM (17):

RECLAMATION RECOMMENDATIONS - ALTERNATIVE 1 (18):

PUT GUARD RAILS ON WEST SIDE OF ASHLEY STREET TO ABATE THE POTENTIAL FOR CARS TO GO OVER THE EMBANKMENT.

RECLAMATION RECOMMENDATIONS - ALTERNATIVE 2 (19):

FILL STRIP PITS BY HAULING IN SPOIL AND BY ENCOURAGING TOWNSHIPS AND STATE CREWS TO DUMP FILL FROM OTHER PROJECTS THERE.

LOWER PRIORITY FEATURES NARRATIVE (39):

COSTS TO RECLAIM HIGHER PRIORITY FEATURES – P1 (43):

COSTS TO RECLAIM HIGHER PRIORITY FEATURES – P2 (44):

COSTS TO RECLAIM LOWER PRIORITY FEATURES – P3 (45):

OTHER COMMENTS (46):



EPCAMR
Eastern Pennsylvania Coalition for Abandoned Mine Reclamation

STATUS (1): ABANDONED MINE LAND - 2 TOTAL FEATURES, 0 RECLAIMED

PLANNING UNIT NAME (2):

WARRIOR CREEK

SOURCES (3):

ORIGINAL PADAFO	FILE	Y
AMLF #1	10/81	
ROCCOGRANDI/AIELLO	W-B SITE VISIT	Y
AMLF #1-2	07/86	

GENERAL SETTING (5):

POIL AREA LIES IN THE UNDEVELOPED FLOOD PLAIN SOUTH OF THE SUSQUEHANNA RIVER. THE AREA IS GENERALLY FLAT ALTHOUGH SEVERAL ONE ACRE PILES ARE 50-60' IN HEIGHT. A 600' LONG RIDGE OF SPOIL LINES THE RIVER AND IS 30-40' HIGH. A 5 ACRE PLATEAU OF SPOIL MATERIAL IS 30-40' ABOVE THE REST OF THE AREA AND APPEARS COVERED BY VEGETATION ON ITS TOP. THE REST OF THE SPOIL AREA IS UNVEGETATED.

PRIORITY 1 FEATURES NARRATIVE (6):

PRIORITY 2 FEATURES NARRATIVE (7):

AMLF #2 (V0): THIS VERTICAL OPENING IS KNOWN AS THE #3 SHAFT, LOOMIS COLLIERY. IT IS LOCATED 1800' NORTH OF RIVER ROAD (SANS SOUCI HIGHWAY) ACROSS FROM THE WYOMING VALLEY SANITARY AUTHORITY. ACCESS IS VIA A HAUL ROAD WHICH RUNS PARALLEL AND 200' TO THE NORTH OF THE VO. VEGETATION IS APPROXIMATELY 95%. THE DIMENSIONS ARE APPROXIMATELY 12' X 48' X 592' DEEP.

CHILDREN HAVE BEEN SEEN PLAYING IN THE AREA AND DRIVING FOUR-WHEEL DRIVE VEHICLES. BEER CANS AND OTHER SIMILAR DEBRIS HAVE BEEN FOUND THROUGHOUT THE AREA.

THE LOCAL RESIDENTS WERE NOT AWARE OF THE SAFETY PROBLEM ASSOCIATED WITH THIS FEATURE. THIS PRESENTS A PROBLEM SINCE PEOPLE ARE NOT AWARE OF THE POSSIBLE POOR STRUCTURAL CONDITION OF THE FEATURE AND THEREFORE, DON'T EXERCISE CAUTION WHEN WALKING OR PLAYING IN THIS AREA.

BASED ON THE AVAILABLE FACTS AND INFORMATION AND IN THE INTEREST OF PUBLIC HEALTH AND SAFETY, MR. MICHAEL R. FERKO, DISTRICT ENGINEER, BUREAU OF ABANDONED MINE RECLAMATION, PA-DER, CERTIFIES THAT THE AFOREMENTIONED FEATURE SHOULD BE RECLAIMED AS A PRIORITY 2 PROBLEM. (TO BE RECLAIMED UNDER PROJECT NO. OSM 40(508-84)104.1)

PRIORITY 3 FEATURES NARRATIVE (8):

TRAPPED OR IMPOUNDED WATER (15):

POLLUTED WATER LEAVING SITE (16):

POLLUTED WATER ENTERING STREAM (17):

RECLAMATION RECOMMENDATIONS - ALTERNATIVE 1 (18):

RECLAMATION RECOMMENDATIONS - ALTERNATIVE 2 (19):

LOWER PRIORITY FEATURES NARRATIVE (39):

AMLF #1 (SA): THIS SPOIL AREA APPEARS TO BE GENERALLY FLAT, ALTHOUGH THERE ARE SEVERAL PILES OF SPOIL AVERAGING 50' IN HEIGHT. THIS SPOIL CONSISTS OF APPROXIMATELY 71 ACRES AND IS IN AN ISOLATED SPOT. ACCESS VIA HAUL ROAD. VEGETATION IS FROM 0-90%. ALSO, 5 ACRES OF THE SPOIL IS 30-40' ABOVE THE REST OF THE AREA COVERED BY VEGETATION, APPROXIMATEY 600' OF SPOIL LINES THE SUSQUEHANNA RIVER

COSTS TO RECLAIM HIGHER PRIORITY FEATURES – P1 (43):

COSTS TO RECLAIM HIGHER PRIORITY FEATURES – P2 (44):

PA3746-A AMLF #2 (VO):

ITEM	QUANTITY	UNIT	UNIT COST	TOTAL COST
SEAL OPENING	1	EA	\$5,000	\$5,000

COSTS TO RECLAIM LOWER PRIORITY FEATURES – P3 (45):

OTHER COMMENTS (46):



STATUS (1): ABANDONED MINE LAND - 3 TOTAL FEATURES, 1 RECLAIMED

PLANNING UNIT NAME (2):

WILKES-BARRE WEST

SOURCES (3):

ORIGINAL PADAFO	FILE	Y	AMLF #1-3	10/81
ROCCOGRANDI/MACBLANE/BIANCA	W-B SITE VISIT	Y	AMLF #1-3	03/86
ROCCOGRANDI	W-B SITE VISIT	Y	AMLF #1	02/89
JOE KISH	INTERVIEW	Y	AMLF #1	02/89
OWAZANY/BURGER	W-B SITE VISIT	Y	AMLF #1	08/01/96
HEDISH/OWAZANY	NALIS/OSM-76 UPDATE	Y	AMLF #1, 2, 3	08/13/96
HEDISH	NALIS/OSM-76 COMPLETION UPDATE	Y	AMLF #1	02/16/2001

GENERAL SETTING (5):

PRIORITY 1 FEATURES NARRATIVE (6):

PRIORITY 2 FEATURES NARRATIVE (7):

AMLF #1 (DH): THIS FEATURE HAS BEEN RECLAIMED AS A RESULT OF THE FOLLOWING PROJECT:

- OSM 40(3748)101.1
- ABANDONED MINE RECLAMATION
- EAST ASKAM
- HANOVER TOWNSHIP, LUZERNE COUNTY
- THE WORK WAS COMPLETED BY POPPLE CONSTRUCTION, INC. AT A COST OF \$339,772.65. THE FINAL INSPECTION WAS HELD ON JULY 17, 2000.
- FUNDING SUMMARY:
 - PENNSYLVANIA GROWING GREENER PROGRAM--\$339,771.65
 - OSM 1999 AML PROGRAM GRANT----- 1.00
- TOTAL CONTRACT AMOUNT-----\$339,772.65

AMLF #1 (DH): THIS FEATURE CONSISTED OF SEVERAL INTERMITTANT PITS TOTALING 3,000' IN LENGTH, 40-100' IN WIDTH, AND 30-50' IN DEPTH. A TOTAL OF 4,000 FEET OF INTERMITTANT NEAR VERTICAL HIGHWALL RANGING FROM 30-50' DEEP WAS ALONG THE NORTH AND SOUTH SIDES. THE REMAINING SIDE SLOPES HAD A SLOPE OF 45-55 DEGREES AND CONSISTED OF LOOSE UNCONSOLIDATED MATERIAL. THE SEARS AND ROEBUCK CO. DISTRIBUTION CENTER IS LOCATED 800' TO THE SOUTHWEST AND RESIDENCES ALONG MIDDLE ROAD IN ASKAM ARE ABOUT 400' TO THE NORTH. THE PITS HAVE BEEN BACKFILLED AND THE AREA REGRADED.

PRIORITY 3 FEATURES NARRATIVE (8):

TRAPPED OR IMPOUNDED WATER (15):

POLLUTED WATER LEAVING SITE (16):

SCARLIFT REPORTS A DISCHARGE OFF OF A SPOIL AREA FLOWING AT A RATE OF 25 GPM. PH IS REPORTED TO BE 7 WITH 1.7 MG/L IRON.

POLLUTED WATER ENTERING STREAM (17):

RECLAMATION RECOMMENDATIONS - ALTERNATIVE 1 (18):

RECLAMATION RECOMMENDATIONS - ALTERNATIVE 2 (19):

LOWER PRIORITY FEATURES NARRATIVE (39):

AMLF #2 (SA): LOCATED APPROXIMATELY 500' SOUTH OF AMLF #1 IS 1200' X 200' X 5-10' IN HEIGHT (BASICALLY FLAT SPOIL TRACK) 55% REVEGETATION.

AMLF #3 (WA): SCARLIFT REPORTS A DISCHARGE OFF OF #2 FLOWING AT 25 GPM WITH A PH OF 7 AND 1.7 MG/L IRON. THE 3/86 SITE VISIT COULD NOT FIELD LOCATE THIS FEATURE.

AMLF #2 (SA), #3 (WA): IN AUGUST 1996 IT WAS FOUND THAT THESE FEATURES LIE ALONG THE SOUTH SIDE OF NEWLY CONSTRUCTED HANOVER STREET IN AN AREA KNOWN AS THE HANOVER INDUSTRIAL ESTATES. THIS AREA IS PARCELLED FOR FUTURE DEVELOPMENT.

COSTS TO RECLAIM HIGHER PRIORITY FEATURES – P1 (43):

COSTS TO RECLAIM HIGHER PRIORITY FEATURES – P2 (44):

COSTS TO RECLAIM LOWER PRIORITY FEATURES – P3 (45):

OTHER COMMENTS (46):

COMPLETED BAMR CONSTRUCTION PROJECTS AS OF 02/17/2010



EPCAMR
Eastern Pennsylvania Coalition for Abandoned Mine Reclamation

AML INVENTORY LIST : PA 1296

Dundee Road

STATUS (1): ABANDONED MINE LAND - # TOTAL FEATURES, # RECLAIMED

PLANNING UNIT NAME (2):

SOURCES (3):

ORIGINAL PADAFO	FILE		Y
AMLF #1-2	02/81		
ROCCOGRANDI/MACBLANE	W-B SITE VISIT		Y
AMLF #1-2	03/28/86		
DOBASH	W-B SITE VISIT		Y
AMLF #1-2	11/87		
RICH JOYCE	COMPLETION REPORT		Y
AMLF #1-3			

GENERAL SETTING (5):

PRIORITY 1 FEATURES NARRATIVE (6):

PRIORITY 2 FEATURES NARRATIVE (7):

AMLF #1-3 (VO,HEF): ASKAM SHAFTS BACKFILLING PROJECT, OSM 40(508-84)101.1, WAS RECLAIMED BY THE STATE UNDER THE 1984 CONSTRUCTION GRANT. THE PROJECT WAS COMPLETED ON JULY 12, 1986 AT A COST OF \$73,092.18 AND INCLUDED 5 ACRES.

PRIORITY 3 FEATURES NARRATIVE (8):

TRAPPED OR IMPOUNDED WATER (15):

LARGE MINE POOL UNDERLIES REGION. WATER VISIBLE IN SHAFT AT DEPTH OF 70'.

POLLUTED WATER LEAVING SITE (16):

POLLUTED WATER ENTERING STREAM (17):

RECLAMATION RECOMMENDATIONS - ALTERNATIVE 1 (18):

BACKFILL SHAFT AFTER CONSTRUCTING A CONCRETE BASE ABOVE WATER LEVEL. VERY LITTLE SPOIL IN THIS FORESTED AREA IS AVAILABLE AS FILL, BUT STRUCTURAL DEBRIS FROM ADJACENT BUILDING COULD BE USED.

RECLAMATION RECOMMENDATIONS - ALTERNATIVE 2 (19):

DISMANTLE BUILDING AND REMOVE DEBRIS.

LOWER PRIORITY FEATURES NARRATIVE (39):

AMLF #1-3 (VO,HEF): RECLAIMED BY PROJECT OSM 40(508-84)101.1 IN THE 184 CONSTRUCTION GRANT.

AMLF #4 (WA): THIS IS AN UNTREATED DISCHARGE THAT FLOWS DIRECTLY INTO NANTICOKE CREEK.

COSTS TO RECLAIM HIGHER PRIORITY FEATURES – P1 (43):

COSTS TO RECLAIM HIGHER PRIORITY FEATURES – P2 (44):

COSTS TO RECLAIM LOWER PRIORITY FEATURES – P3 (45):

OTHER COMMENTS (46):



EPCAMR
Eastern Pennsylvania Coalition for Abandoned Mine Reclamation

AML INVENTORY LIST : PA 1411

SUSQUEHANNA #7 MINE

STATUS (1): ABANDONED MINE LAND - 6 TOTAL FEATURES, 0 RECLAIMED

PLANNING UNIT NAME (2):

NANTICOKE

SOURCES (3):

ORIGINAL PADAFO	FILE	Y		AMLF #1-6	03/22/82
HYRB/PRUTZMAN	W-B SITE VISIT		Y	AMLF #1-6	03/03/86
ORLANDINI	W-B SITE VISIT	Y		AMLF #1	03/07/89

GENERAL SETTING (5):

PRIORITY 1 FEATURES NARRATIVE (6):

PRIORITY 2 FEATURES NARRATIVE (7):

PRIORITY 3 FEATURES NARRATIVE (8):

TRAPPED OR IMPOUNDED WATER (15):

A LARGE UNDERGROUND MINE POOL UNDERLIES THE PROBLEM AREA, ACCORDING TO SLR 181-2.

POLLUTED WATER LEAVING SITE (16):

TWO DISCHARGES ARE IN THE PA. ONE IS A PUMPED DISCHARGE FROM DEEP MINES REPORTED BY SLR 181-2 (FLOW = 3920 GPM, PH = 3.2, IRON = 474 MG/L). THE OTHER IS AN ORANGE STREAM FORMED BY CONCENTRATION OF NON-POINT SOURCE POLLUTANTS RELEASED BY SPOIL PILES. A SAMPLE OF THE 1000 GPM FLOW HASD PH = 5.6 WITH IRON = 50 MG/L.

POLLUTED WATER ENTERING STREAM (17):

DISCHARGES BOTH ENTER NEWPORT CREEK. SPOIL DERIVED DISCHARGE ENTERS NEWPORT CREEK 1500' UPSTREAM OF SOUTH BRANCH CONFLUENCE. NEWPORT CREEK FLOWS INTO THE SUSUEHANNA RIVER, 1 MILE DOWNSTREAM.

RECLAMATION RECOMMENDATIONS - ALTERNATIVE 1 (18):

RECLAMATION RECOMMENDATIONS - ALTERNATIVE 2 (19):

LOWER PRIORITY FEATURES NARRATIVE (39):

AMLF #1 (PI): THIS PIT IS LOCATED APPROXIMATELY 900' NORTHWEST OF HOLY TRINITY CEMETERY AND IS APPROXIMATELY 2500' LONG, 100' WIDE, AND 25' DEEP. THE PIT IS DISRUPTING SURFACE DRAINAGE IN THE AREA.

ALMF #2 (PI): THE PIT IS APPROXIMATELY 400' LONG, 100' WIDE, AND 25' DEEP. IT DISRUPTS SURFACE DRAINAGE AND LIMITS LAND USE. AMLF #3, 4 (SA): THE REFUSE MATERIAL IS LOCATED JUST SOUTH AND NORTH OF NEWPORT CREEK. THE BANKS ARE BEING ERODED INTO THE CREEK ADDITING TO THE ALREADY HIGH LOAD OF SOLIDS IN THE CREEK.

AMLF #5, 6 (WA): THE DISCHARGES ENTER NEWPORT CREEK DEGRADING THE CREEK'S QUALITY AND THE NEARBY SUSQUEHANND RIVER'S QUALITY.

COSTS TO RECLAIM HIGHER PRIORITY FEATURES – P1 (43):

COSTS TO RECLAIM HIGHER PRIORITY FEATURES – P2 (44):

COSTS TO RECLAIM LOWER PRIORITY FEATURES – P3 (45):

OTHER COMMENTS (46):

COMPLETED BAMR_ CONSTRUCTION PROJECTS AS OF 02/17/2010



EPCAMR
Eastern Pennsylvania Coalition for Abandoned Mine Reclamation

AML INVENTORY LIST : PA 2141

NANTICOKE/NEWPORT CREEK

STATUS (1): ABANDONED MINE LAND - 1 TOTAL FEATURES, 0 RECLAIMED

PLANNING UNIT NAME (2):

NANTICOKE

SOURCES (3):

ORIGINAL PADAFO	FILE	Y	AMLF #1	04/81
PRUTZMAN/STEPANSKI	W-B SITE VISIT	Y	AMLF #1	07/14/86

GENERAL SETTING (5):

PRIORITY 1 FEATURES NARRATIVE (6):

PRIORITY 2 FEATURES NARRATIVE (7):

PRIORITY 3 FEATURES NARRATIVE (8):

TRAPPED OR IMPOUNDED WATER (15):

POLLUTED WATER LEAVING SITE (16):

POLLUTED WATER LEAVES MINE SITE UPSTREAM FROM THIS PA. WATER IS ACIDIC AND RICH IN IRON.

POLLUTED WATER ENTERING STREAM (17):

WATER FLOWS BY NEWPORT CREEK 1.5 MILES TO SUSQUEHANNA RIVER. POLLUTED WATER BOTH ENTERS AND LEAVES THE PA IN A POLLUTED CONDITION.

RECLAMATION RECOMMENDATIONS - ALTERNATIVE 1 (18):

RECLAMATION RECOMMENDATIONS - ALTERNATIVE 2 (19):

LOWER PRIORITY FEATURES NARRATIVE (39):

AMLF #1 (O): THIS IS AN EROSION PRONE AREA LOCATED APPROXIMATELY 1000' WEST OF MAIN STREET IN NANTICOKE AND APPROXIMATELY 1500' NORTH OF HOLY TRINITY CEMETERY. TWO BRANCHES OF NEWPORT CREEK MEET HERE AND HAVE A TENDENCY TO OVERFLOW DURING HARD RAINS. THE SOUTH BRANCH IS STREWN WITH GARBAGE AND HAS MINE ACID WATER IN IT, ALONG WITH IRON CONTENT. THE MINE ACID AND IRON COME FROM PA'S 2156, 2148, AND 1411. THESE ARE LOCATED UPSTREAM FROM 2141.

COSTS TO RECLAIM HIGHER PRIORITY FEATURES – P1 (43):

COSTS TO RECLAIM HIGHER PRIORITY FEATURES – P2 (44):

COSTS TO RECLAIM LOWER PRIORITY FEATURES – P3 (45):

OTHER COMMENTS (46):

COMPLETED BAMR CONSTRUCTION PROJECTS AS OF 02/17/2010



EPCAMR
Eastern Pennsylvania Coalition for Abandoned Mine Reclamation

STATUS (1): ABANDONED MINE LAND - 2 TOTAL FEATURES, 0 RECLAIMED

PLANNING UNIT NAME (2):

WARRIOR CREEK

SOURCES (3):

ORIGINAL PADAFO	FILE	Y
AMLF #1	10/81	
ROCCOGRANDI/AIELLO	W-B SITE VISIT	Y
AMLF #1-2	07/86	

GENERAL SETTING (5):

POIL AREA LIES IN THE UNDEVELOPED FLOOD PLAIN SOUTH OF THE SUSQUEHANNA RIVER. THE AREA IS GENERALLY FLAT ALTHOUGH SEVERAL ONE ACRE PILES ARE 50-60' IN HEIGHT. A 600' LONG RIDGE OF SPOIL LINES THE RIVER AND IS 30-40' HIGH. A 5 ACRE PLATEAU OF SPOIL MATERIAL IS 30-40' ABOVE THE REST OF THE AREA AND APPEARS COVERED BY VEGETATION ON ITS TOP. THE REST OF THE SPOIL AREA IS UNVEGETATED.

PRIORITY 1 FEATURES NARRATIVE (6):

PRIORITY 2 FEATURES NARRATIVE (7):

AMLF #2 (V0): THIS VERTICAL OPENING IS KNOWN AS THE #3 SHAFT, LOOMIS COLLIERY. IT IS LOCATED 1800' NORTH OF RIVER ROAD (SANS SOUCI HIGHWAY) ACROSS FROM THE WYOMING VALLEY SANITARY AUTHORITY. ACCESS IS VIA A HAUL ROAD WHICH RUNS PARALLEL AND 200' TO THE NORTH OF THE VO. VEGETATION IS APPROXIMATELY 95%. THE DIMENSIONS ARE APPROXIMATELY 12' X 48' X 592' DEEP.

CHILDREN HAVE BEEN SEEN PLAYING IN THE AREA AND DRIVING FOUR-WHEEL DRIVE VEHICLES. BEER CANS AND OTHER SIMILAR DEBRIS HAVE BEEN FOUND THROUGHOUT THE AREA.

THE LOCAL RESIDENTS WERE NOT AWARE OF THE SAFETY PROBLEM ASSOCIATED WITH THIS FEATURE. THIS PRESENTS A PROBLEM SINCE PEOPLE ARE NOT AWARE OF THE POSSIBLE POOR STRUCTURAL CONDITION OF THE FEATURE AND THEREFORE, DON'T EXERCISE CAUTION WHEN WALKING OR PLAYING IN THIS AREA.

BASED ON THE AVAILABLE FACTS AND INFORMATION AND IN THE INTEREST OF PUBLIC HEALTH AND SAFETY, MR. MICHAEL R. FERKO, DISTRICT ENGINEER, BUREAU OF ABANDONED MINE RECLAMATION, PA-DER, CERTIFIES THAT THE AFOREMENTIONED FEATURE SHOULD BE RECLAIMED AS A PRIORITY 2 PROBLEM. (TO BE RECLAIMED UNDER PROJECT NO. OSM 40(508-84)104.1)

PRIORITY 3 FEATURES NARRATIVE (8):

TRAPPED OR IMPOUNDED WATER (15):

POLLUTED WATER LEAVING SITE (16):

POLLUTED WATER ENTERING STREAM (17):

RECLAMATION RECOMMENDATIONS - ALTERNATIVE 1 (18):

RECLAMATION RECOMMENDATIONS - ALTERNATIVE 2 (19):

LOWER PRIORITY FEATURES NARRATIVE (39):

AMLF #1 (SA): THIS SPOIL AREA APPEARS TO BE GENERALLY FLAT, ALTHOUGH THERE ARE SEVERAL PILES OF SPOIL AVERAGING 50' IN HEIGHT. THIS SPOIL CONSISTS OF APPROXIMATELY 71 ACRES AND IS IN AN ISOLATED SPOT. ACCESS VIA HAUL ROAD. VEGETATION IS FROM 0-90%. ALSO, 5 ACRES OF THE SPOIL IS 30-40' ABOVE THE REST OF THE AREA COVERED BY VEGETATION, APPROXIMATEY 600' OF SPOIL LINES THE SUSQUEHANNA RIVER

COSTS TO RECLAIM HIGHER PRIORITY FEATURES – P1 (43):

COSTS TO RECLAIM HIGHER PRIORITY FEATURES – P2 (44):

PA3746-A AMLF #2 (VO):

ITEM	QUANTITY	UNIT	UNIT COST	TOTAL COST
SEAL OPENING	1	EA	\$5,000	\$5,000

COSTS TO RECLAIM LOWER PRIORITY FEATURES – P3 (45):

OTHER COMMENTS (46):



EPCAMR
Eastern Pennsylvania Coalition for Abandoned Mine Reclamation

STATUS (1): ABANDONED MINE LAND - 3 TOTAL FEATURES, 1 RECLAIMED

PLANNING UNIT NAME (2):

WILKES-BARRE WEST

SOURCES (3):

ORIGINAL PADAFO	FILE	Y	AMLF #1-3	10/81
ROCCOGRANDI/MACBLANE/BIANCA	W-B SITE VISIT	Y	AMLF #1-3	03/86
ROCCOGRANDI	W-B SITE VISIT	Y	AMLF #1	02/89
JOE KISH	INTERVIEW	Y	AMLF #1	02/89
OWAZANY/BURGER	W-B SITE VISIT	Y	AMLF #1	08/01/96
HEDISH/OWAZANY	NALIS/OSM-76 UPDATE	Y	AMLF #1, 2, 3	08/13/96
HEDISH	NALIS/OSM-76 COMPLETION UPDATE	Y	AMLF #1	02/16/2001

GENERAL SETTING (5):

PRIORITY 1 FEATURES NARRATIVE (6):

PRIORITY 2 FEATURES NARRATIVE (7):

AMLF #1 (DH): THIS FEATURE HAS BEEN RECLAIMED AS A RESULT OF THE FOLLOWING PROJECT:

- OSM 40(3748)101.1
- ABANDONED MINE RECLAMATION
- EAST ASKAM
- HANOVER TOWNSHIP, LUZERNE COUNTY
- THE WORK WAS COMPLETED BY POPPLE CONSTRUCTION, INC. AT A COST OF \$339,772.65. THE FINAL INSPECTION WAS HELD ON JULY 17, 2000.
- FUNDING SUMMARY:
 - PENNSYLVANIA GROWING GREENER PROGRAM--\$339,771.65
 - OSM 1999 AML PROGRAM GRANT----- 1.00
- TOTAL CONTRACT AMOUNT-----\$339,772.65

AMLF #1 (DH): THIS FEATURE CONSISTED OF SEVERAL INTERMITTANT PITS TOTALING 3,000' IN LENGTH, 40-100' IN WIDTH, AND 30-50' IN DEPTH. A TOTAL OF 4,000 FEET OF INTERMITTANT NEAR VERTICAL HIGHWALL RANGING FROM 30-50' DEEP WAS ALONG THE NORTH AND SOUTH SIDES. THE REMAINING SIDE SLOPES HAD A SLOPE OF 45-55 DEGREES AND CONSISTED OF LOOSE UNCONSOLIDATED MATERIAL. THE SEARS AND ROEBUCK CO. DISTRIBUTION CENTER IS LOCATED 800' TO THE SOUTHWEST AND RESIDENCES ALONG MIDDLE ROAD IN ASKAM ARE ABOUT 400' TO THE NORTH. THE PITS HAVE BEEN BACKFILLED AND THE AREA REGRADED.

PRIORITY 3 FEATURES NARRATIVE (8):

TRAPPED OR IMPOUNDED WATER (15):

POLLUTED WATER LEAVING SITE (16):

SCARLIFT REPORTS A DISCHARGE OFF OF A SPOIL AREA FLOWING AT A RATE OF 25 GPM. PH IS REPORTED TO BE 7 WITH 1.7 MG/L IRON.

POLLUTED WATER ENTERING STREAM (17):

RECLAMATION RECOMMENDATIONS - ALTERNATIVE 1 (18):

RECLAMATION RECOMMENDATIONS - ALTERNATIVE 2 (19):

LOWER PRIORITY FEATURES NARRATIVE (39):

AMLF #2 (SA): LOCATED APPROXIMATELY 500' SOUTH OF AMLF #1 IS 1200' X 200' X 5-10' IN HEIGHT (BASICALLY FLAT SPOIL TRACK) 55% REVEGETATION.

AMLF #3 (WA): SCARLIFT REPORTS A DISCHARGE OFF OF #2 FLOWING AT 25 GPM WITH A PH OF 7 AND 1.7 MG/L IRON. THE 3/86 SITE VISIT COULD NOT FIELD LOCATE THIS FEATURE.

AMLF #2 (SA), #3 (WA): IN AUGUST 1996 IT WAS FOUND THAT THESE FEATURES LIE ALONG THE SOUTH SIDE OF NEWLY CONSTRUCTED HANOVER STREET IN AN AREA KNOWN AS THE HANOVER INDUSTRIAL ESTATES. THIS AREA IS PARCELLED FOR FUTURE DEVELOPMENT.

COSTS TO RECLAIM HIGHER PRIORITY FEATURES – P1 (43):

COSTS TO RECLAIM HIGHER PRIORITY FEATURES – P2 (44):

COSTS TO RECLAIM LOWER PRIORITY FEATURES – P3 (45):

OTHER COMMENTS (46):

COMPLETED BAMR CONSTRUCTION PROJECTS AS OF 02/17/2010



EPCAMR
Eastern Pennsylvania Coalition for Abandoned Mine Reclamation

AML INVENTORY LIST : PA 1411

SUSQUEHANNA #7 MINE

STATUS (1): ABANDONED MINE LAND - 6 TOTAL FEATURES, 0 RECLAIMED

PLANNING UNIT NAME (2):

NANTICOKE

SOURCES (3):

ORIGINAL PADAFO	FILE	Y		AMLF #1-6	03/22/82
HYRB/PRUTZMAN	W-B SITE VISIT		Y	AMLF #1-6	03/03/86
ORLANDINI	W-B SITE VISIT	Y		AMLF #1	03/07/89

GENERAL SETTING (5):

PRIORITY 1 FEATURES NARRATIVE (6):

PRIORITY 2 FEATURES NARRATIVE (7):

PRIORITY 3 FEATURES NARRATIVE (8):

TRAPPED OR IMPOUNDED WATER (15):

A LARGE UNDERGROUND MINE POOL UNDERLIES THE PROBLEM AREA, ACCORDING TO SLR 181-2.

POLLUTED WATER LEAVING SITE (16):

TWO DISCHARGES ARE IN THE PA. ONE IS A PUMPED DISCHARGE FROM DEEP MINES REPORTED BY SLR 181-2 (FLOW = 3920 GPM, PH = 3.2, IRON = 474 MG/L). THE OTHER IS AN ORANGE STREAM FORMED BY CONCENTRATION OF NON-POINT SOURCE POLLUTANTS RELEASED BY SPOIL PILES. A SAMPLE OF THE 1000 GPM FLOW HASD PH = 5.6 WITH IRON = 50 MG/L.

POLLUTED WATER ENTERING STREAM (17):

DISCHARGES BOTH ENTER NEWPORT CREEK. SPOIL DERIVED DISCHARGE ENTERS NEWPORT CREEK 1500' UPSTREAM OF SOUTH BRANCH CONFLUENCE. NEWPORT CREEK FLOWS INTO THE SUSUEHANNA RIVER, 1 MILE DOWNSTREAM.

RECLAMATION RECOMMENDATIONS - ALTERNATIVE 1 (18):

RECLAMATION RECOMMENDATIONS - ALTERNATIVE 2 (19):

LOWER PRIORITY FEATURES NARRATIVE (39):

AMLF #1 (PI): THIS PIT IS LOCATED APPROXIMATELY 900' NORTHWEST OF HOLY TRINITY CEMETERY AND IS APPROXIMATELY 2500' LONG, 100' WIDE, AND 25' DEEP. THE PIT IS DISRUPTING SURFACE DRAINAGE IN THE AREA.

ALMF #2 (PI): THE PIT IS APPROXIMATELY 400' LONG, 100' WIDE, AND 25' DEEP. IT DISRUPTS SURFACE DRAINAGE AND LIMITS LAND USE. AMLF #3, 4 (SA): THE REFUSE MATERIAL IS LOCATED JUST SOUTH AND NORTH OF NEWPORT CREEK. THE BANKS ARE BEING ERODED INTO THE CREEK ADDITING TO THE ALREADY HIGH LOAD OF SOLIDS IN THE CREEK.

AMLF #5, 6 (WA): THE DISCHARGES ENTER NEWPORT CREEK DEGRADING THE CREEK'S QUALITY AND THE NEARBY SUSQUEHANND RIVER'S QUALITY.

COSTS TO RECLAIM HIGHER PRIORITY FEATURES – P1 (43):

COSTS TO RECLAIM HIGHER PRIORITY FEATURES – P2 (44):

COSTS TO RECLAIM LOWER PRIORITY FEATURES – P3 (45):

OTHER COMMENTS (46):

COMPLETED BAMR_ CONSTRUCTION PROJECTS AS OF 02/17/2010



EPCAMR
Eastern Pennsylvania Coalition for Abandoned Mine Reclamation

AML INVENTORY LIST : PA 1651

Delaware and Hudson RR

STATUS (1): ABANDONED MINE LAND - 11 TOTAL FEATURES, 7 RECLAIMED

PLANNING UNIT NAME (2): NANTICOKE

SOURCES (3):

Source	Activity	Y	AMLF	Date
ORIGINAL PADAFO	FILE	Y	AMLF #1-9	05/81
HYRB	W-B SITE VISIT	Y	AMLF #1-10	04/08/86
FRANK ADAMS	INTERVIEW	Y	AMLF #4, 7, 9, 10	04/08/86
HYRB/DAVIS	W-B SITE VISIT	Y	AMLF #3, 4, 7, 10	01/16/87
ROCCOGRANDI	W-B SITE VISIT	Y	AMLF #6	02/23/89
LEE	INQUIRY #92-01-14WB	Y	AMLF #11	01/28/92
WILLIAMSON/ROCCOGRANDI	W-B SITE VISIT	Y	AMLF #9, #10	02/12/92
HEDISH	COMPLETION UPDATE	Y	AMLF #3, #4, #6, #7, #11	12/01/93

GENERAL SETTING (5): N/A

PRIORITY 1 FEATURES NARRATIVE (6):N/A

PRIORITY 2 FEATURES NARRATIVE (7):

AMLF #3 (DH), #7 (DH): THESE FEATURES HAVE BEEN RECLAIMED AS A RESULT OF THE FOLLOWING PROJECT FUNDED UNDER THE OSM 1989 CONSTRUCTION GRANT:

- OSM 40(1651)101.1
- BACKFILLING STRIP PITS
- DELAWARE & HUDSON R.R.
- WANAMIE, NEWPORT TOWNSHIP
- LUZERNE COUNTY
- THE PROJECT WAS COMPLETED BY FAYETTEVILLE CONTRACTORS, INC. AT A COST OF \$303,066.04. THE DATE OF FINAL INSPECTION WAS AUGUST 28, 1991.

AMLF #3 (DH): THIS HORSESHOE SHAPED PIT WAS APPROXIMATELY 2000' LONG. IT HAD ABOUT 600' OF HIGHWALL ALONG THE NORTH AND SOUTH SIDES AT THE WESTERN END. THE PIT HAS BEEN RECLAIMED BY BACKFILLING.

AMLF #7 (DH): THIS LONG NARROW PIT MEASURED 1000' X 90' X 15-50'DEEP WITH ABOUT 800' OF VERTICAL HIGHWALL ALONG THE SOUTH SIDE. IT HAS BEEN ELIMINATED BY BACKFILLING.

AMLF #4 (DH), #6 (DH), #11 (VO): THESE FEATURES HAVE BEEN RECLAIMED AS A RESULT OF THE FOLLOWING PROJECT FUNDED UNDER THE OSM 1989 CONSTRUCTION GRANT:

- OSM 40(1651)102.1
- BACKFILLING STRIP PITS

- DELAWARE & HUDSON R.R.
- WANAMIE, NEWPORT TWP.
- LUZERNE COUNTY
- THE PROJECT WAS COMPLETED BY D.A. KESSLER CONSTRUCTION CO., INC. AT A COST OF \$212,423.91. THE DATE OF FINAL INSPECTION WAS JUNE 4, 1992.

AMLF #4 (DH): THIS PIT WAS APPROXIMATELY 800' X 120' X 50' DEEP WITH 600' OF HIGHWALL ALONG THE SOUTH SIDE. IT HAS BEEN RECLAIMED BY BACKFILLING.

AMLF #6 (DH): THIS FEATURE MEASURING 1500' LONG WAS A SERIES OF FIVE SMALL PITS; FOUR WERE WATER FILLED AND ONE WAS DRY. THE PITS HAD A TOTAL OF 200' OF HIGHWALL AND HAVE BEEN ELIMINATED BY BACKFILLING.

AMLF #11 (VO): THIS OPENING MEASURED 10' LONG AND 7' WIDE AND WAS 10' DEEP TO AN OPENING IN EXPOSED BEDROCK. THE VOID WAS WITHIN THE WESTERN END OF AMLF #4 (DH), WHICH HAS BEEN BACKFILLED.

AMLF #10 (P): THIS OPENING WAS LOCATED WITHIN THE EASTERN END OF A PIT WHICH WAS AMLF #9 (PI). THE OPENING AND PIT WERE ELIMINATED AS A RESULT OF RECLAMATION CONDUCTED BY A SURFACE MINING OPERATION.

PRIORITY 3 FEATURES NARRATIVE (8):N/A

TRAPPED OR IMPOUNDED WATER (15): N/A

POLLUTED WATER LEAVING SITE (16): N/A

POLLUTED WATER ENTERING STREAM (17): N/A

RECLAMATION RECOMMENDATIONS - ALTERNATIVE 1 (18): N/A

RECLAMATION RECOMMENDATIONS - ALTERNATIVE 2 (19): N/A

LOWER PRIORITY FEATURES NARRATIVE (39):

AMLF #1 (SA): THE SPOIL AREA IS LOCATED NEAR TWO FOUNDATIONS OF WHAT WAS ONCE AN EQUIPMENT REPAIR FACILITY. SOME GARBAGE IS SCATTERED ABOUT THE AREA. THE AREA IS APPROXIMATELY 75% VEGETATED.

AMLF #2 (SA): THE SPOIL PILES ARE SCATTERED THROUGHOUT THE PA AND RANGE IN HEIGHT FROM 10-35'. THEY ARE 85% VEGETATED.

AMLF #5 (PI): THE WATER FILLED PIT IS APPROXIMATELY 200' LONG, 90' WIDE AND 15' TO THE WATER. AN ACCESS ROAD IS WITHIN 40' OF THE WEST END.

AMLF #8 (PI): THE PIT IS LOCATED 200' WEST OF AN OLD HAUL ROAD (CONCRETE). IT IS 400' LONG, 120' WIDE, AND 15-20' DEEP. WATER IS IMPOUNDED IN THE EAST AND WEST ENDS.

AMLF#9 (PI): THIS PIT WAS LOCATED ALONG AN ACCESS ROAD 150' NORTH OF SLY'S GROVE. THIS PIT HAS BEEN ELIMINATED AS A RESULT OF RECLAMATION CONDUCTED BY A RECENT SURFACE MINING OPERATION

COSTS TO RECLAIM HIGHER PRIORITY FEATURES – P1 (43): N/A

COSTS TO RECLAIM HIGHER PRIORITY FEATURES – P2 (44): N/A

COSTS TO RECLAIM LOWER PRIORITY FEATURES – P3 (45): N/A

OTHER COMMENTS (46): N/A



EPCAMR
Eastern Pennsylvania Coalition for Abandoned Mine Reclamation

AML INVENTORY LIST : PA 2141
NANTICOKE/NEWPORT CREEK

STATUS (1): ABANDONED MINE LAND - 1 TOTAL FEATURES, 0 RECLAIMED

PLANNING UNIT NAME (2):

NANTICOKE

SOURCES (3):

ORIGINAL PADAFO	FILE	Y	AML #1	04/81
PRUTZMAN/STEPANSKI	W-B SITE VISIT	Y	AML #1	07/14/86

GENERAL SETTING (5):

PRIORITY 1 FEATURES NARRATIVE (6):

PRIORITY 2 FEATURES NARRATIVE (7):

PRIORITY 3 FEATURES NARRATIVE (8):

TRAPPED OR IMPOUNDED WATER (15):

POLLUTED WATER LEAVING SITE (16):

POLLUTED WATER LEAVES MINE SITE UPSTREAM FROM THIS PA. WATER IS ACIDIC AND RICH IN IRON.

POLLUTED WATER ENTERING STREAM (17):

WATER FLOWS BY NEWPORT CREEK 1.5 MILES TO SUSQUEHANNA RIVER. POLLUTED WATER BOTH ENTERS AND LEAVES THE PA IN A POLLUTED CONDITION.

RECLAMATION RECOMMENDATIONS - ALTERNATIVE 1 (18):

RECLAMATION RECOMMENDATIONS - ALTERNATIVE 2 (19):

LOWER PRIORITY FEATURES NARRATIVE (39):

AML #1 (O): THIS IS AN EROSION PRONE AREA LOCATED APPROXIMATELY 1000' WEST OF MAIN STREET IN NANTICOKE AND APPROXIMATELY 1500' NORTH OF HOLY TRINITY CEMETERY. TWO BRANCHES OF NEWPORT CREEK MEET HERE AND HAVE A TENDENCY TO OVERFLOW DURING HARD RAINS. THE SOUTH BRANCH IS STREWN WITH GARBAGE AND HAS MINE ACID WATER IN IT, ALONG WITH IRON CONTENT. THE MINE ACID AND IRON COME FROM PA'S 2156, 2148, AND 1411. THESE ARE LOCATED UPSTREAM FROM 2141.

COSTS TO RECLAIM HIGHER PRIORITY FEATURES – P1 (43):

COSTS TO RECLAIM HIGHER PRIORITY FEATURES – P2 (44):

COSTS TO RECLAIM LOWER PRIORITY FEATURES – P3 (45):

OTHER COMMENTS (46):

COMPLETED BAMR CONSTRUCTION PROJECTS AS OF 02/17/2010



EPCAMR
Eastern Pennsylvania Coalition for Abandoned Mine Reclamation

STATUS (1): ABANDONED MINE LAND - 11 TOTAL FEATURES, 0 RECLAIMED

PLANNING UNIT NAME (2): NANTICOKE

SOURCES (3):

ORIGINAL PADAFO	FILE	Y	AMLF #1-11	04/81
WALSH/ROCCOGRANDI/KISH/BUTLER	W-B SITE VISIT	Y	AMLF #1-10	04/09/85
WALSH/HYRB/KELLY	W-B SITE VISIT	Y	AMLF #1-11	02/06/86
WALSH/HYRB/KELLY	W-B SITE VISIT	Y	AMLF #1, 2, 5	08/06/86
WALSH	W-B SITE VISIT	N	AMLF #1	03/28/89

GENERAL SETTING (5):

PRIORITY 1 FEATURES NARRATIVE (6):

PRIORITY 2 FEATURES NARRATIVE (7):

PRIORITY 3 FEATURES NARRATIVE (8):

AMLF #1, 2 (PI): THESE FEATURES ARE A WATER-FILLED PIT WHICH MEASURES 2200' X 400' X UNKNOWN DEPTH. THIS PIT IS AN EYESORE AND DEGRADES THE AREA. AMLF #1 HAS STEEP HIGHWALL BUT TOE WALL IS SHALLOWLY SLOPED. WATER IS IMPOUNDED ALONG TOE WALL BY CLAY, SAND, SANDSTONE, GRAVEL BANKS. THESE MAY BE SUBJECT TO PIPING OR MAY BE OVERTAPPED IN A HEAVY RAIN EVENT OF HURRICANE MAGNITUDE. THE RESULT WOULD BE FLOODS IN NANTICOKE. AMLF #1 IS A REFUSE BAND WHICH APPEARS SUBJECT TO EROSION ON AIR PHOTOS. ROAD SLID INTO PIT. EROSION APPEARS TO BE ADVANCING ON THE CEMETERY.

AMLF #5 (SA): THE SPOIL BANK IS JUSTIFIED IN THE STANDARDIZED DATA. SPOIL BANK ON PIT TOE WALL IS 50% COVERED BY DECIDUOUS TREES AND 80% COVERED WITH GROUND SCRUB.

TRAPPED OR IMPOUNDED WATER (15):

ACCORDING TO PHILIP SHEETS THE WATER OF THE FLOODED STRIP PIT IS ACIDIC. SITE VISITORS FOUND IT TO HAVE A PH OF 3.2 WITH AN IRON CONCENTRATION OF 8 MG/L. THE SMALL POND WAS USED AS A CATCH BASIN FOR WATER PUMPED FROM DEEP MINES AND AERATED TO REMOVE IRON. YELLOW BOY IS ABUNDANT NEAR THE ABANDONED AERATION FACILITIES, AND THE IRON SLUDGE IS STILL A SOURCE OF POLLUTANTS.

POLLUTED WATER LEAVING SITE (16):

ACCORDING TO PHILIP SHEETS, WATER FROM THE LARGE FLOODED PIT SEEPS THROUGH ADJACENT SPOIL AND ENTERS NEWPORT CREEK. A SERIES OF DISCHARGING PIPES WAS

FOUND NEAR THE SETTLING POND. IN ALL THERE ARE 7 KNOWN PIPES, SOME DISCHARGING A RANGE OF PH FROM 6.1 TO 6.5 WITH ALL THE DISCHARGES HAVING OVER 50 MG/L IRON. SLR 181-2 REPORTS DISCHARGE FROM SETTLING POND (PH = 2.9, IRON = 214 MG/L). TOTAL OF ALL FLOW IS 3400 GPM. THE LAST DISCHARGE IS A SLR 181-2 REPORTED DISCHARGE FROM THE SETTLING POND AREA. PH = 2.9 WITH IRON = 24 MG/L. TOTAL FLOW FROM ALL KNOWN DISCHARGES IS ABOUT 3400 GPM.

POLLUTED WATER ENTERING STREAM (17):

DISCHARGES ALL ENTER NEWPORT CREEK, IN THE SUSQUEHANNA RIVER BASIN.

RECLAMATION RECOMMENDATIONS - ALTERNATIVE 1 (18):

REROUTE ROAD AND PREVENT ACCESS TO AREA OF SLUMPING. STABILIZE GROUND ON PERIPHERY OF CEMETERY TO PREVENT EROSION THERE.

RECLAMATION RECOMMENDATIONS - ALTERNATIVE 2 (19):

DRAIN FLOODED PIT. BACKFILL AND GRADE BOTH PITS.

LOWER PRIORITY FEATURES NARRATIVE (39):

AMLF #1 (PI), #2 (PI): A 24 ACRE FLOODED STRIP PIT LIES EAST OF THE NEWPORT CENTER CEMETERY. ACCORDING TO PHILIP SHEETS OF THE SOIL CONSERVATION SERVICE, WATER FROM THIS PIT SEEPS THROUGH ADJACENT SPOIL BANKS AND DISCHARGES AMD INTO NEWPORT CREEK WHERE IT AFFECTS PA2141. SHEETS ALSO BELIEVES THERE IS DANGER OF THE PIT OVERFLOWING AND FLOODING POPULATED AREAS DOWNSTREAM. A PLAN BY THE S.C.S. TO DRAIN AND BACKFILL THE PIT WAS REJECTED BY DER. AT THE WESTERN EDGE OF THE PIT A SECTION OF UNIMPROVED ROAD HAS SLUMPED AWAY INTO THE PIT. THE GROUND HERE IS VERY SANDY AND SPARSELY VEGETATED. THE SLUMPED AREA IS 40' FROM THE NEWPORT CENTER CEMETERY. WITH CONTINUED EROSION IT TOO WILL BE AFFECTED. THE PIT IS THE FORMER NANTICOKE-NEWPORT LANDFILL WHICH HAD TO ABANDON OPERATIONS WHEN MINE WATERS BEGAN SERIOUSLY AFFECTING OPERATIONS. WATER WAS FOR A WHILE PUMPED OUT OF PIT INTO SMALL SETTLING POND TO THE WEST. THIS POND IS NOW A MAJOR SOURCE OF POLLUTION FOR NEWPORT CREEK. A SERIES OF BOREHOLES ARE DISCHARGING WATER FROM THE DEEP MINES. THIS DISCHARGE KEEPS THE SMALL SETTLING POND FLOODED.

AMLF #3 (WA): THE WATER DISCHARGE OCCURS FROM THE NE CORNER OF THE WATER FILLED PIT (AMLF#1 DI). DAY OF INVESTIGATION, THE DISCHARGE WAS RUNNING AT APPROXIMATELY 200 GPM FOR ABOUT 1000' IN A N-NE DIRECTION UNTIL EMPTYING INTO NEWPORT CREEK. BEING HIGH IN IRON AND SULFUR CONTENT, THE POLLUTED WATER WAS INCREASING THE PERCENTAGE OF POLLUTANTS IN NEWPORT CREEK. (YELLOW BOY VISIBLE AND SULFUR SMELL EXISTED). NEWPORT CREEK EVENTUALLY DISCHARGES INTO THE SUSQUEHANNA RIVER, APPROXIMATELY 2 MILES IN A N-NE DIRECTION.

AMLF #4 (SL): THE ABANDONED SETTLING BASIN IS LOCATED APPROXIMATELY 500' IN A WESTERLY DIRECTION FROM THE WATER FILLED PIT (AMLF #1). IT MEASURED 300-400' IN DIAMETER, WATER FILLED, WITH AN UNDETERMINED DEPTH. THE WATER APPEARED CONTAMINATED, WITH YELLOW BOY STAINING AND SULFUR FUMES. EASY ACCESS ALONG

A FOOTPATH WAS AVAILABLE TO THE BASIN FROM THE DANGEROUS IMPOUNDMENT. NUMEROUS TRAILS WERE WITHIN VICINITY OF THE BASIN, INDICATING VISITATION ALONG THEIR WELL WORN PATHS. THE BASIN RECEIVES ABANDONED MINE DISCHARGE FROM SEVERAL BOREHOLES ALONG ITS SOUTHERN SIDE (APPROXIMATELY 1000 GPM) AND DISCHARGES FROM THE NORTHERN SECTION (AMLF #10) APPROXIMATELY 1500 GPM.

AMLF #6 (WA): THE ABANDONED MINE DISCHARGE WAS NOT RUNNING THE DAY OF THE INVESTIGATION. NO INDICATIONS IN THE FIELD SUPPORTED AN INTERMITTENT DISCHARGE. SUPPOSEDLY THE DISCHARGE WAS LOCATED ALONG THE WESTERN CORNER OF THE FLOODED PIT (AMLF #1).

AMLF #7, 8, 9 (WA): THE ABANDONED MINE DISCHARGES ARE FROM 4-7 BOREHOLES LOCATED ALONG THE SOUTHERN SIDE OF THE SETTLING BASIN (AMFL #4). ACID MINE WATER WAS FLOWING AT 3-4 HOLES WITH SEVERAL CONTAINING WATER, BUT NOT OVERFLOWING. A STRONG SULFUR ODOR, ABUNDANT IRON STAINING AND CORROSION OF THE CASINGS OF THE BOREHOLES WERE EVIDENT. APPROXIMATELY 1000 GPM WAS DISCHARGING INTO THE BASIN FROM THE BOREHOLES. THE ACID WATER CONTAMINATES THE SETTLING BASIN AND EVENTUALLY THE BASIN DISCHARGES AND FLOWS INTO NEWPORT CREEK.

AMLF #10 (WA): THE ABANDONED MINE DISCHARGE WAS FLOWING THE DAY OF THE INVESTIGATION LOCATED IN THE NORTHERN SECTION OF THE SETTLING BASIN. FLOWING APPROXIMATELY 1000 GPM, THE WATER WAS CONTAMINATED WITH IRON AND SULFUR. IT RAN FOR 30-45' IN A N-NE DIRECTION BEFORE DISCHARGING INTO NEWPORT CREEK. THE DISCHARGE INTO THE CREEK INCREASED THE PERCENTAGE OF POLLUTANTS AND DECREASED ITS QUALITY. AMLF #11 (EF): THE ABANDONED MINE STRUCTURE IS A PUMP HOUSE LOCATED ALONG THE SW CORNER OF THE SETTLING BASIN. THE STRUCTURE APPEARED STABLE, BUT WAS DETERIORATING FROM THE ACID MINE WATER WITHIN THE AREA. BEING ONLY 20-25' NW OF THE BOREHOLES ALONG THE BASIN (#7, 8, AND 9), IT IS BELIEVED THE PUMP HOUSE AND HOLES WERE A PART OF A PUMP SYSTEM FOR THE PREVIOUS MINING ACTIVITY IN THE AREA. THE FACILITIES EXISTENCE DEGRADES THE LAND VALUE AND CREATES AN EYESORE TO PEOPLE HIKING IN THE AREA.

MINE DRAINAGE PERMIT APPLICATION NO. 40900203 HAS BEEN SUBMITTED BY SILVERBROOK ANTHRACITE, INC., DATED 3/23/90, WHICH MAY AFFECT THIS PA.

COSTS TO RECLAIM HIGHER PRIORITY FEATURES – P1 (43):

COSTS TO RECLAIM HIGHER PRIORITY FEATURES – P2 (44):

COSTS TO RECLAIM LOWER PRIORITY FEATURES – P3 (45):

PA2148-A AMLF #1 (PI), #2 (PI), #5 (SA):

ITEM	QUANTITY	UNIT	UNIT COST	TOTAL COST
DRAIN & BACKFILL				
2200X400X 75'				
(DEPTH ASSUMED)	20.0	A-FT	\$ 800	\$1,212,000



EPCAMR
Eastern Pennsylvania Coalition for Abandoned Mine Reclamation

STATUS (1): ABANDONED MINE LAND - 17 TOTAL FEATURES, 3 RECLAIMED

PLANNING UNIT NAME (2): NANTICOKE

SOURCES (3):

ORIGINAL PADAFO	FILE	Y	AMLF #1-13	05/81
WILGUS/KISH	W-B SITE VISIT	Y	AMLF #2, 4, 5, 11	05/07/86
WILGUS/TIMBRELL	W-B SITE VISIT	Y	AMLF #1-5	02/87
BURGER/OWAZANY	W-B SITE VISIT	Y	AMLF #2	01/98
SNYDER	Injury/Death Update	Y	AMLF #2	08/27/2004

GENERAL SETTING (5):

PRIORITY 1 FEATURES NARRATIVE (6):

PRIORITY 2 FEATURES NARRATIVE (7):

AMLF #2 (DH,HWB): LOCATED 1.8 MILES SOUTHWEST OF THE HONEY POT SECTION OF NANTICOKE, IS A SERIES OF PITS MEASURING 3000' X 150' X 20-35' DEEP. APPROXIMATELY 600' SOUTH OF THE NORTH END BEGINS A PIT THAT MEASURES 250' X 120' X 40' DEEP, WITH A 40' HIGHWALL ON THE EAST SIDE AND A HAUL ROAD THAT RUNS WITHIN 10' OF ITS EASTERN EDGE. THE PIT IS 20% REVEGETATED, AND THE HAUL ROAD IS ON SPOIL. ACCESS TO THE HIGHWALL IS VIA A WELL USED HAUL ROAD THAT ENTERS FROM HONEY POT. THE SOUTH END IS WATER FILLED AND MEASURES 200' X 50' X 15' DEEP. WATER, AT A RATE OF APPROXIMATELY 100 GPM, ENTERS THE PIT FROM A COAL VEIN AT THE NORTH SIDE, WHICH IS ALSO A 12' HIGH HIGH- WALL. WATER EXISTS ON THE SOUTH SIDE LEVEL WITH THE HAUL ROAD, WHICH IS ADJACENT TO AND LEVEL WITH THE PIT ON THE SOUTH AND EAST SIDES. THE WEST SIDE HAS A 10' STEEP BANK. ACCESS TO THE WATER FILLED PIT IS VIA A GOOD, WELL USED HAUL ROAD FROM GLEN LYON AND HONEY POT. MUCH VISITATION IS EVIDENT BY SODA AND BEER CONTAINERS THROWN ABOUT. CAMP FIRES ARE ALSO EVIDENT AND MANY SHOTGUN .22 CALIBER SHELLS ARE IN AND ABOUT THE PIT. MUCH DEBRIS IS IN THE WATER, INCLUDING A VAN SUBMERGED ON ITS LEFT SIDE IN THE NORTHEAST END OF THE PIT, JUST OFF THE SHEER HIGHWALL. EVIDENCE OF SWIMMING IS SEEN BY A DIVING PLATFORM ROPED TOGETHER AND FLOATING IN THE WESTERN END. SEE JUSTIFICATION NOTE 1. ON JANUARY 1, 1998, SIX PEOPLE DROVE THEIR FOUR WHEEL DRIVE VEHICLE INTO THE HAZARDOUS WATER BODY PORTION OF THIS FEATURE AND PLUNGED THROUGH THE ICE. FIVE OF THE OCCUPANTS DIED AND ONE OF THEM ESCAPED. THE MIDPOINT OF THE EASTERN SIDE OF THE HAZARDOUS WATER BODY WAS LOCATED USING DIFFERENTIAL GPS. THE COORDINATES IN THE WGS84 DATUM ARE 41 DEGREES 11' 54.33725" N AND 76 DEGREES 3' 8.32603" W. ON APRIL 26, 2004, JAMES BERTRAND DROWNED WHEN THE JEEP THAT HE HAD BEEN TRAVELING IN ENTERED THE HWB.

AMLF #4 (DH): IS A PIT LOCATED 1.3 MILES NORTHEAST OF GLEN LYON AND MEASURES 1200' X 350' X 50' DEEP. A 90-120' VERTICAL HIGHWALL AT THE SOUTHEAST END OF THE PIT IS 700' LONG. AT THE FOOT OF THE HIGH- WALL IS A BODY OF WATER MEASURING 300' X 60' X UNKNOWN DEPTH. A WELL USED ROAD RUNS ALONG THE NORTH EDGE OF WATER. VISITATION IS EVIDENT BY BURNED CAR SEATS, TIRES, MATTRESSES, AND OTHER TRASH. EASY ACCESS TO THE TOP OF HIGHWALL IS BY A WELL WORN HAUL ROAD. AT THE TOP OF THE HIGHWALL ARE CAMPFIRES, HORSEBACK RIDING TRAILS, AND WELL WORN FOOT PATHS. BY FOLLOWING THE ROAD, A VEHICLE CAN DRIVE OFF THE HIGHWALL AND DROP INTO THE WATER BELOW. AT THE NORTHWEST END OF THE PIT IS ANOTHER HIGHWALL THAT MEASURES 40' HIGH AND 300' LONG WITH A 20' SPOIL BANK AT ITS TOP. A SPOIL BANK WITHIN THE PIT MEASURES 500' X 200' X 20' AVERAGE HEIGHT. SEE JUSTIFICATION NOTE 2

AMLF #5 (DH): IS A PIT LOCATED 1.0 MILES NORTHEAST OF GLEN LYON AND MEASURES 900' X 250' X 25' DEEP. A 25' HIGH, 300' LONG HIGHWALL AT THE WEST END ON THE SOUTHERN SIDE IS DIRECTLY UNDER A HIGH TENSION POWER LINE. A ROAD THAT IS WELL USED BY 4-WHEELERS MEANDERS ITS WAY UP THE STEEP SPOIL FROM THE SOUTH UNDER THE POWER LINE AND ENDS AT THE VERY TOP OF THIS 25' HIGHWALL. ALL TREES AND BRUSH HAVE BEEN CUT AND CLEARED OFF THE POWER LINE, LEAVING NOTHING TO STOP A VEHICLE FROM SLIDING OVER THE HIGHWALL. AT THE FOOT OF THE HIGHWALL IS A VEHICLE THAT HAS RECENTLY SLID OVER AND IS COMPLETELY BURNED. WELL USED ROADS ALSO LEAD INTO THE PIT FROM THE EAST, NORTH, AND WEST. PIT IS 60% REVEGETATED. SEE JUSTIFICATION NOTE 1.

AMLF #11 (P): IS IN A PIT WHICH MEASURES 1000' X 80' X 30' DEEP. THE WEST SIDE OF THE PIT IS FILLED WITH SPOIL AND IS ACCESSIBLE VIA A WELL USED HAUL ROAD LEADING FROM THE RADIO TOWER NEAR THE HONEY POT SECTION OF NANTICOKE. THE PIT IS 50% REVEGETATED WITH A 30' HIGHWALL ALONG THE EAST SIDE. AT THE FOOT OF THE SHEER HIGHWALL, AT THE CENTER OF THE EAST SIDES ARE 6 DOG-HOLE COAL HOLES, APPROXIMATELY 8' WIDE X 4' HIGH X 6-8' DEEP, WHICH LEAD INTO OLD COAL WORKINGS. COAL MINE AIR CAN BE FELT COMING OUT OF 3 OF THE DOG- HOLES. OLD MINE PROPS ARE VISIBLE AND OTHER PROPS HAVE BEEN RECENTLY PLACED. THIS HAZARDOUS PROBLEM AREA IS LOCATED 0.8 MILES WEST OF THE HONEY POT SECTION OF NANTICOKE. SEE JUSTIFICATION NOTE 2.

JUSTIFICATION NOTE 1: WALTER MATEREWICZ, CHIEF OF POLICE OF NEWPORT TOWNSHIP IS VERY DISTURBED BY THESE HAZARDOUS PROBLEM AREAS. HE SAID THAT THERE ARE MANY PEOPLE SWIMMING, HIKING, PARTYING, FOUR- WHEELING, ETC., IN THESE AREAS AND HE WOULD LIKE TO SEE THEM RECLAIMED.

JUSTIFICATION NOTE 2: MR. EDWARD LITCHKOFSKI, 219 HONEY POT STREET, NANTICOKE, STATED THAT THE PEOPLE TAKING COAL FROM THESE DOG-HOLES COULD BE KILLED OR VERY SERIOUSLY INJURED BECAUSE OF THE FRACTURED ROCK OVERBURDEN.

PRIORITY 3 FEATURES NARRATIVE (8):

TRAPPED OR IMPOUNDED WATER (15):

POLLUTED WATER LEAVING SITE (16):

POLLUTED WATER ENTERING STREAM (17):

RECLAMATION RECOMMENDATIONS - ALTERNATIVE 1 (18):

RECLAMATION RECOMMENDATIONS - ALTERNATIVE 2 (19):

LOWER PRIORITY FEATURES NARRATIVE (39):

AMLF #1 AND 12 ARE 40-50% REVEGETATED.

AMLF #3 IS 60% REVEGETATED.

AMLF #7: SPOIL AREA IS 90% REVEGETATED.

AMLF #8: SPOIL AREA VARIES FROM 20-65' IN HEIGHT AND IS 75% VEGETATED.

AMLF #10: SPOIL BANK HAS 70% VEGETATION ON ITS NORTH SLOPE AND 15% ON THE SOUTH.

AMLF #13: SPOIL AREA SURROUNDING PITS IS 40% REVEGETATED. ACTIVE STRIP MINING TO THE WEST. MINE DRAINAGE PERMIT APPLICATION NO. 40900203 HAS BEEN SUBMITTED BY SILVERBROOK ANTHRACITE, INC., DATED 3/23/90, WHICH MAY AFFECT THIS PA.

COSTS TO RECLAIM HIGHER PRIORITY FEATURES – P1 (43):

COSTS TO RECLAIM HIGHER PRIORITY FEATURES – P2 (44):

PA2152-A AMLF #2 (DH,HWB), #4 (DH), #5 (DH), #11 (P):

ITEM	QUANTITY	UNIT	UNIT COST	TOTAL COST
BACKFILL & DRAIN				
0.25A-15'DEPTH	3.75	A-FT	\$ 800/A	\$ 3,000
ELIMINATE HIGHWALL				
(250 X 40)				
(700 X 120)				
(300 X 25)	503,375	CU.YD	\$1/CU.YD	\$533,375
SEAL OPENINGS	6	EA	\$2,000	12,000

TOTAL				\$548,375

COSTS TO RECLAIM LOWER PRIORITY FEATURES – P3 (45):

OTHER COMMENTS (46):



EPCAMR
Eastern Pennsylvania Coalition for Abandoned Mine Reclamation

STATUS (1): ABANDONED MINE LAND - 29 TOTAL FEATURES, 17 RECLAIMED

PLANNING UNIT NAME (2): NANTICOKE

SOURCES (3):

ORIGINAL PADAFO	FILE	Y		AMLF #1-4	04/81
ROCCOGRANDI/CARRILL	W-B SITE VISIT		Y	AMLF #1-6	11/19/84
WALSH/ROCCOGRANDI	W-B SITE VISIT		Y	AMLF #1-6	06/20/85
HYRB/WALSH/KELLY	W-B SITE VISIT		Y	AMLF #1-19	02/07/86
ADDED FEATURES FROM PA1406					
OFFICER VANDERMARK	INTERVIEW		Y	AMLF #5, #6	02/07/86
CHARLES DESAULNIERS	INTERVIEW		Y	AMLF #2, #8, #9, #10, #12, #17, #19	02/07/86
FRANK ADAMS	INTERVIEW		Y	AMLF #2, #8, #9, #10, #12, #17, #19	02/07/86
ROBERT BACKLEY	INTERVIEW		Y	AMLF #2, #8, #12	02/07/86
WALSH	W-B SITE VISIT		Y	AMLF #12	11/06/86
				COMBINED AMLF #2 AND #8 INTO AMLF #12	
TONY PARONE	INTERVIEW		Y	AMLF #12	11/06/86
GHOWERI	FILE REVIEW		Y	AMLF #20	05/30/89
INQ. NO. 87-10-248WB	SOURCE DATA		Y	AMLF #20	10/29/87
CHARLES LONKART	HBG SITE VISIT		Y	AMLF #21 - #29	4/20/94
				ADDED FEATURES AMLF #21-29	
TONI MALACH	COMPLETION REPORT		Y	AMLF #S 4-6, 21-29	5/4/98

GENERAL SETTING (5):

SMALL AREA OF BURNING IS VISIBLE ON CERTAIN DAYS SOUTHWEST OF WANAMIE JUST EAST OF ACTIVE STRIP MINING. AREA RESIDENTS HAVE NO IDEA OF THE EXTENT OF THE BURNING AND THE DIRECTION IT IS MOVING, IF IN FACT IT IS MOVING. REPORTEDLY THE FIRE IS BURNING IN THE SEAM ITSELF AND IS QUITE EXTENSIVE. A VERTICAL SHAFT KNOWN ABOUT BY MR. DUDA'S FATHER IS 15' FROM A REFRESHMENT STAND AT THE BALL DIAMOND. IT HAS A VERTICAL DROP OF 120' BUT HAS BEEN CAPPED WITH TIMBER AND COVERED OVER WITH 15' OF SAND. MR. DUDA'S FATHER FEELS ONE DAY THE TIMBERS WILL ROT AWAY CAUSING 4 LARGE OPENINGS. ACTIVE STRIP MINING IS TAKING PLACE IMMEDIATELY WEST OF THIS PA.

PRIORITY 1 FEATURES NARRATIVE (6):

PRIORITY 2 FEATURES NARRATIVE (7):

AMLF #1 (VO): THIS SHAFT HAS BEEN RECLAIMED BY OSM. REMOVE FROM THE AMLF INVENTORY.

AMLF #5 (DH): THE STRIP PIT IS PARTIALLY FLOODED AND IS APPROXIMATELY 500' LONG, 60' WIDE, AND 60' DEEP. THE NORTHERN HIGHWALL IS NEAR VERTICAL. AN EXPOSED SEAM IN THE HIGHWALL IS BEING MINED BY A BOOTLEGGER. THE PIT IS 700' SOUTHWEST OF THE WANAMIE BASEBALL FIELD AND JUST SOUTH OF AMLF #1. OFFICER VANDERMARK OF THE NEWPORT TOWNSHIP POLICE STATED "THIS AREA IS VERY DANGEROUS. HUNTERS, HIKERS, AND CHILDREN OFTEN USE THE AREA."

AMLF #6 (DH): THE FLOODED PIT IS 600' LONG, 120' WIDE, AND 50' DEEP. THE SOUTHERN HIGHWALL IS 100' HIGH. THE PIT IS ACROSS THE ROAD FROM AMLF #5. OFFICER VANDERMARK OF THE NEWPORT TOWNSHIP POLICE FEELS THE AREA SHOULD BE RECLAIMED SINCE IT IS FREQUENTED BY HUNTERS, HIKERS, AND LOCAL YOUTHS.

AMLF #7 (VO): THIS WAS JUSTIFIED IN THE STANDARDIZED DATA. THE VO WAS CREATED BY SUBSIDENCE OCCURRING OVER A DEEP MINE AND IS LOCATED WITHIN AMLF #11. THIS WAS ORIGINALLY AMLF #12 OF PA1406.

AMLF #9 (DH): THE PIT IS APPROXIMATELY 1300' LONG, 100' WIDE, AND 30'-65' DEEP. AN ACCESS ROAD PARALLELS THE PIT TO THE SOUTH AND NUMEROUS WELL-WORN TRAILS WERE FOUND ALONG THE NORTH SIDE OF THE PIT. A CAMP SITE WAS FOUND AT THE PIT'S EASTERN END WITHIN 20' OF THE HIGHWALL, WHICH REACHES ITS MAXIMUM DEPTH HERE. THE PIT'S SOUTH SIDE IS VERTICAL TO NEAR VERTICAL, AND THE NORTH SIDE SLOPES STEEPLY TO THE PIT'S BOTTOM. THIS AREA IS 65% VEGETATED MAKING THE HIGHWALL NOT READILY APPARENT. *JUSTIFICATION NOTE 1 AND 2.

AMLF #10 (DH): THE PIT IS 250'X60'X60' WITH AN UNDERCUT HIGHWALL ALONG THE NORTH. WELL-WORN PATHS AROUND THE PIT AND GARBAGE DUMPED WITHIN INDICATED SITE VISITATION. THE PIT IS WITHIN 350' OF HOMES LYING TO THE NORTH. A BUNKHOUSE BUILT BY LOCAL YOUTHS IS LOCATED 300' WEST OF THIS PIT AND TRAILS FROM THIS AREA LEAD TO THE PIT. *JUSTIFICATION NOTE 1 AND 2.

AMLF #12 (GUB): AMLF #12 WAS ORIGINALLY AMLF #13 OF PA1406 AND AMLF #2 OF PA2155. THE MINE FEATURE COMPRISES AN APPROXIMATE AREA OF 143 ACRES, 300' IN DEPTH AND IS THE RESULT FROM THE COMBINATION OF THE GLEN LYON AND WANAMIE UNDERGROUND MINE FIRES. AFTER THOROUGH FIELD INSPECTION OF THE AREA, THE TWO SEAM FIRES APPEAR TO HAVE SPREAD Laterally UNTIL FINALLY CONNECTING. THE ENTIRE AREA IS VENTING GAS THAT HAS A DEFINITE SULFUR ODOR. GASSES FROM THE AREA ARE ADVERSELY AFFECTING THE TOWNS OF WANAMIE AND GLEN LYON. IT IS POSSIBLE THAT THIS FIRE COULD SPREAD TO THE EAST OR WEST FURTHER AFFECTING THE SURROUNDING TOWNS. THE GASSES ARE ALSO A HEALTH HAZARD TO THE NUMEROUS YOUTHS, HUNTERS AND HIKERS WHO FREQUENT THIS AREA. THE SEAM FIRE HAS BURNED VERTICALLY UP TO THE OUTCROP OF SEVERAL VEINS, CREATING A DANGEROUS SITUATION BY THE TOXIC FUMES (CO) EMITTED, BURNING SURFACE MATERIAL AND TOTAL DESTRUCTION OF THE PLANT LIFE.

THESE FIRES BEGAN IN 1940 AND 1956 AS VERIFIED IN LETTER DATED 1-24-1975 FROM MR. JOYCE, MINE INSPECTOR, TO MR. SHOBER, DIRECTOR OF MINE SAFETY. SEE THE FILE FOR A REPORT DETAILING THE 2 FIRES.

THE FIRST MINE FIRE WAS IGNITED AT AN ELEVATION OF 597.5' AND THE SECOND AT AN ELEVATION OF 323'. THE FIRE BURNED UP TO THE OUTCROP OF THE SEAMS (900' SURFACE ELEV.) FOR AN APPROXIMATE VERTICAL DISTANCE OF 600', PLUS OR MINUS. ACCORDING TO PRESENT MINE POOL ELEVATIONS IN THE AREA, THE WATER AVERAGES A 600', PLUS OR MINUS, ELEVATION. THEREFORE, THE FIRE EXTENDS DOWN AN APPROXIMATE DEPTH OF 300'. (SEE FILE REPORT ON THE GLEN LYON MINE FIRE FOR ADDITIONAL INFORMATION.)

THE SITE HAS BEEN AN ACTIVE ISSUE WITH THE MEDIA, GENERATED BY A NUMBER OF COMPLAINTS BY THE LOCAL CITIZENS OF GLEN LYON AND WANAMIE BOROUGH. (SEE FILE NEWSPAPER ARTICLE.) THE FUMES ARE REACHING THE NEIGHBORING TOWNS AND CAUSING PROBLEMS TO THE RESIDENTS.

MR. TONY PARONE, 61 COAL ST., GLEN LYON BOROUGH, COMMENTED ON THE FIRE. MR. PARONE TOLD US THE FIRE OVER THE PAST 3 YEARS HAS DEFINITELY SPREAD ALONG THE SURFACE IN A WESTERN DIRECTION TOWARD THE TOWN OF GLEN LYON. MR. PARONE VISITS THE SITE WEEKLY ATTEMPTING TO MONITOR THE LATERAL SPREAD OF THE FIRE. IN ADDITION, MR. PARONE SUFFERS PERIODICALLY BY THE TOXIC FUMES THAT ARE EMITTED BY THE SEAM FIRE, CAUSING RESPIRATORY PROBLEMS FOR HIM AND HIS FAMILY.

FINALLY, IN AUGUST 1982, A COMPLAINT INVESTIGATION WAS CONDUCTED BY OSMRE'S WILKES-BARRE AREA OFFICE OF THE MINE FIRE AREA. A RECOMMENDATION WAS SUBMITTED TO THE PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL RESOURCES (DER) IN SEPTEMBER 1982 THAT DER REVIEW THE PROJECT FOR POSSIBLE INCLUSION IN ITS ABANDONED MINE LAND INVENTORY. (SEE ATTACHED REPORT LABELED "AML COMPLAINT INVESTIGATION REPORT".)

AMLF #17 (VO): THE 4' X 6' OPENING IS WITHIN THE EAST END OF A SMALL PIT JUST WEST OF AMLF #10. CANS AND LITTER WITHIN THE OPENING INDICATED SITE VISITATION. THE OPENING DIPS STEEPLY TO THE NORTHEAST AN UNKNOWN DISTANCE. NUMEROUS WELL-WORN TRAILS AND A BUNKHOUSE TO THE WEST OF THIS AREA INDICATE IT IS FREQUENTED BY YOUTHS. THE OPENING IS A HAZARD AND ANYONE ENTERING IT RISKS BEING TRAPPED OR LOST. *JUSTIFICATION NOTES 1 AND 2.

AMLF #19 (VO): AN OPENING APPROXIMATELY 20' LONG AND 8' WIDE EXISTS ON THE NORTH EDGE OF A SMALL PIT LOCATED APPROXIMATELY 2500' SOUTHEAST OF GLEN LYON AS SHOWN ON THE MAP. THE AREA IS HEAVILY VEGETATED AND THE OPENING IS NOT READILY APPARENT. THIS AREA IS HEAVILY TRAVELED BY YOUTHS AND HUNTERS. *JUSTIFICATION NOTES 1 AND 2.

AMLF #20 (S): THIS MINE RELATED SUBSIDENCE OCCURRED AT APPROXIMATELY 1300' WEST FROM THE INTERSECTION OF KIRMAR PARKWAY AND VANDERMARK ROAD IN NEWPORT TWP. DER AND OSM INVESTIGATORS CONDUCTED INQUIRY INVESTIGATION NO. 87-10-248WB

AND FOUND A WATER FILLED VOID MEASURING 30-35' IN DIAMETER WITH A 10' DEPTH. THE VOID, LOCATED ALONG THE SOUTH SIDE OF THE PARKWAY, CONSISTED OF LOOSE UNCONSOLIDATED SIDEWALLS THAT APPEARED SATURATED WITH NO BEDROCK EXPOSED ABOVE WATER LEVEL. THERE IS 63' SEPARATING THE SURFACE AND THE FIRST UNDERLYING COAL SEAM, THE MIDDLE HILLMAN BED. THE MIDDLE HILLMAN BED HAS BEEN STRIPPED OUT AND BACKFILLED PRIOR TO 1961. IT IS BELIEVED THAT THIS SUBSIDENCE WAS CAUSED BY THE SUDDEN COLLAPSE OF THE FILL MATERIAL WITHIN THE STRIPPING PIT AGGRAVATED BY RECENT RAINFALL. OSM AND DER RECOMMENDED THAT THIS BE REFERRED TO OSMRE FOR IMMEDIATE ACTION. AN ELIGIBILITY DETERMINATION HAS BEEN PREPARED AND SUBMITTED. SEE JUSTIFICATION NOTE #4.

JUSTIFICATION NOTE #1: CHARLES DESAULNIERS (111 NEWPORT STREET, GLEN LYON, PA) IS CONCERNED ABOUT THE MINE FIRE, MINE OPENINGS AND HIGHWALLS IN THIS AREA. HE CITED HEAVY USE OF THE AREA BY LOCAL YOUTHS, HUNTERS, AND HIKERS. HE ALSO FEELS THE LONG TERM EXPOSURE TO THE GASES FROM THE MINE FIRE ARE A HEALTH HAZARD TO PEOPLE LIVING IN THIS AREA. HE WOULD LIKE THE AREA RECLAIMED BEFORE SOMEONE IS KILLED OR INJURED AFTER FALLING INTO A PIT OR MINE OPENING.

JUSTIFICATION NOTE #2: FRANK ADAMS (232 CENTER STREET, WANAMIE, PA) FEELS THE PIT AND HIGHWALLS ARE DANGEROUS. MR. ADAMS SAID THE AREA IS TRAVELED BY CHILDREN, HUNTERS, AND HIKERS. HE FEARS SOMEONE WILL BE INJURED AFTER FALLING INTO A PIT OR MINE OPENING. MR. ADAMS ALSO FAVORS RECLAMATION OF THE MINE FIRE. HE SAID THE SMELL FROM THE FIRE IS BOTHERSOME AND THAT PEOPLE FROM THIS AREA HAVE HAD TO PUT UP WITH IT TOO LONG. HE ALSO BELIEVES THAT THE CONTINUED EXPOSURE TO THE GASES IS A HEALTH HAZARD TO THOSE WHO LIVE IN THIS AREA.

JUSTIFICATION NOTE #3: ROBERT BACKLEY (162 BROWN ROAD, WANAMIE, PA) THINKS THE MINE FIRE IS A HEALTH HAZARD AND FEARS IT WILL SPREAD TO THE TOWN OF WANAMIE.

JUSTIFICATION NOTE #4: MR. ELI MORGIS, PRESIDENT OF THE NEWPORT TOWNSHIP COMMISSIONERS, REPORTED THE MINE SUBSIDENCE. ACCORDING TO MR. MORGIS, THE ROADWAY ADJACENT TO THE VOID HAS EXPERIENCED SIMILAR PROBLEMS WITHIN THE LAST 20 YEARS. MR. MORGIS EXPRESSED CONCERN FOR THE ASSOCIATED HAZARDS TO THIS SUBSIDENCE AND ALSO THE POSSIBILITY OF CONTINUED INCIDENTS OF THIS NATURE.

AMLF #21 (DH): THE STRIP PIT IS APPROXIMATELY 1500' LONG, 150' WIDE, AND A MAXIMUM OF 50' DEEP. AVERAGE DEPTH IS APPROXIMATELY 25' DEEP.

AMLF #24 (DH): THIS FEATURE IS APPROXIMATELY 2700' LONG, 100' WIDE, AND 40' DEEP. A HAUL ROAD RUNS ALONG THE TOP OF THE HIGHWALL

AMLF #25 (DH): THIS STRIP PIT IS APPROXIMATELY 2700' LONG, 125' WIDE, AND 40' DEEP.

AMLF #26 (DH): THIS FEATURE IS APPROXIMATELY 3500' LONG, 85' WIDE, AND 50' DEEP.

AMLF #27 (DH): THIS FEATURE IS APPROXIMATELY 1500' LONG, 200' WIDE, AND 65' DEEP. THE EASTERN END OF THE PIT IS A WATER IMPOUNDMENT. THIS PARTICULAR FEATURE WAS REAFFECTED BY BLUE COAL CORP. MINING.

NOTE: REFER TO THE MAY 4, 1998 COMPLETION REPORT FOR THE DETAILS ON THE RECLAMATION OF AMLF #S 5, 6, 21, 24, 25, 26, AND 27 UNDER BF 341-101.1, PA 2155.

PRIORITY 3 FEATURES NARRATIVE (8):

AMLF #22 (SA): THIS FEATURE IS THE SPOIL MATERIAL ASSOCIATED WITH AMLF #21(DH).

AMLF #23 (SA): THIS FEATURE IS THE SPOIL MATERIAL ASSOCIATED WITH AMLF #24(DH).

AMLF #28 (SA): THIS FEATURE IS THE SPOIL MATERIAL ASSOCIATED WITH AMLF #27(DH). THIS FEATURE WAS REAFFECTED BY ACTIVE MINING DONE BY BLUE COAL CORP.

AMLF #29 (SA): THIS FEATURE IS THE SPOIL MATERIAL ASSOCIATED WITH AMLF #26(DH).

NOTE: REFER TO THE MAY 4, 1998 COMPLETION REPORT FOR THE DETAILS ON THE RECLAMATION OF AMLF #S 4, 22, 23, 28, AND 29 UNDER BF 341-101.1, PA 2155.

TRAPPED OR IMPOUNDED WATER (15):

POLLUTED WATER LEAVING SITE (16):

POLLUTED WATER ENTERING STREAM (17):

RECLAMATION RECOMMENDATIONS - ALTERNATIVE 1 (18):

CONDUCT AN EXPLORATORY DRILLING PROJECT TO SEE IF FIRE IS MOVING. IF FOUND TO BE MOVING, CUT TRENCH BARRIERS AND/OR FLUSH. REMOVE LOOSE FILL AND TIMBERS FROM THE AIRSHAFT AND FILL WITH MORE STABLE MATERIALS OF SOIL AND ROCK.

RECLAMATION RECOMMENDATIONS - ALTERNATIVE 2 (19):

LOWER PRIORITY FEATURES NARRATIVE (39):

AMLF #11 (SP): THIS FEATURE WAS ORIGINALLY AMLF #11 IN PA1406.

AMLF #13 (PI): THIS FEATURE WAS ORIGINALLY AMLF #16 IN PA1406.

AMLF #14 (PI): THIS FEATURE WAS ORIGINALLY AMLF #17 IN PA1406.

AMLF #15 (SA): THIS FEATURE WAS ORIGINALLY AMLF #18 IN PA1406.

AMLF #16 (PI): THIS FEATURE WAS ORIGINALLY PART OF AMLF #4 IN PA1406.

AMLF #18 (PI): THIS FEATURE WAS ORIGINALLY AMLF #3 IN PA 1406.

NOTE: A COMPLETION REPORT WAS MADE ON MAY 4, 1998. THIS UPDATE COVERS THE RECLAMATION OF AMLF #S 4-6, 21-29. THESE FEATURES WERE RECLAIMED UNDER THE BLUE COAL CORPORATION, BALL FIELD EAST PROJECT, PROJECT NO. BF 341-101.1, PA 2155. THE TOTAL PROJECT COST WAS \$6,312,772.93 OF WHICH \$3,503,495.33 WAS FUNDED UNDER THE 1995 SIMPLIFIED GRANT, \$2,557,447.60 WAS FROM THE BLUE COAL SETTLEMENT, AND \$251,830.00 WAS FROM BOND MONEY. THE PROJECT WAS COMPLETED APRIL 16, 1997 BY MAUD MINING COMPANY/FALLS CREEK ENERGY CO., INC. (JOINT VENTURE) AND RECLAIMED 261.7 ACRES.

COSTS TO RECLAIM HIGHER PRIORITY FEATURES – P1 (43):

COSTS TO RECLAIM HIGHER PRIORITY FEATURES – P2 (44):

PA2155-A AMLF #7 (VO), #9 (DH), #10 (DH),
#12 (GUB), #17 (VO), #19 (VO), #20 (S):

ITEM	QUANTITY	UNIT	UNIT COST	TOTAL COST
EXTINGUISH MINE FIRE				
(143AX300' DEPTH)	42,900	A-FT.	\$4,250	\$182,325,000
ELIMINATE HIGHWALL				
1300X47.5+250X60)	76,705	HLP	\$ 5	383,525
SEAL OPENINGS	3	EACH	\$4,000	12,000
SUBSIDENCE CONTROL	1	A	\$50,000	50,000

	TOTAL		\$182,770,225	
	SAY		\$183,000,000	

PA2155-B AMLF #5 (DH), #6 (DH), #21 (DH), #22 (SA), #23 (SA),
#24 (DH), #25 (DH), #26 (DH), #29 (SA)

ITEM	QUANTITY	UNIT	UNIT COST	TOTAL COST
1. MOB AND DEMOB		JOB	JOB	LUMP SUM 763,886
2. CLEARING AND GRUBBING		JOB	JOB	LUMP SUM 210,000
3. GRADING	6,031,000	CY	0.70	4,221,700
4. ROCK EXCAVATION	267,000	CY	2.25	600,750
5. DITCH EXCAVATION	3,390	CY	2.50	8,475
6. ROCK LINING W/ FILTER				
MATERIAL R-3	3,613	SY	13.00	46,969
7. SEEDING				
A) SEED BED PREPARATION	270	ACRE	320.00	86,400
B) AGR. LIMESTONE	1,620	TON	56.00	90,720
C) COMMERCIAL FERTILIZER	270	ACRE	234.00	63,180

D) SEED - TYPE 1	5,500	LB	2.92	16,060
E) SEED - TYPE 2	8,000	LB	17.50	140,000
F) MULCHING	270	ACRE	600.00	162,000
8. OFFICE FACILITIES	JOB	JOB	LUMP SUM	7,800
9. TELEPHONE SERVICE	JOB	JOB	LUMP SUM	1,000
10. PREPARATION AND IMPLEMENTATION OF EROSION AND SED. CONTROL	JOB	JOB	LUMP SUM	167,200

TOTAL = 6,586,140				

COSTS TO RECLAIM LOWER PRIORITY FEATURES – P3 (45):

AMLF #22 (SA), #23 (SA), #29 (SA) RECLAMATION COST IS INCLUDED IN THE PA2155-B COST ESTIMATE IN INDEX 44.

OTHER COMMENTS (46):