

AMD&ART

Creating Community Assets

c/o The Bottleworks
411 Third Avenue
Johnstown, PA 15906
(814) 539-5357 phone
(814) 539-4345 fax
amdart@gte.net

May 23, 1999

Mr. Dave Hamilton
Office of Surface Mining
Harrisburg Field Office
415 Market Street, Suite 3C
Harrisburg, PA 17101

Dear Mr. Hamilton:

Please accept this application to the Office of Surface mining for a cooperative agreement between OSM and AMD&ART, Inc. at Vintondale, Pennsylvania. We have requested a PNDI and SHPO clearance. Thank you for your assistance. Please contact me if you have any questions.

Sincerely,




Shelbie Knox
Project Coordinator

1

Standard Form 424

OMB Approval No. 0348-0043

APPLICATION FOR FEDERAL ASSISTANCE		2. DATE SUBMITTED 5/23/99	Applicant Identifier
1. TYPE OF SUBMISSION <input checked="" type="checkbox"/> Application <input type="checkbox"/> Preapplication		3. DATE RECEIVED BY STATE	State Application Identifier
<input type="checkbox"/> Construction <input type="checkbox"/> Non-Construction	<input type="checkbox"/> Construction <input type="checkbox"/> Non-Construction	4. DATE RECEIVED BY FEDERAL AGENCY	Federal Identifier
5. APPLICANT INFORMATION			
Legal Name: AMD&ART, INC., N.P.		Organizational Unit: N/A	
Address (give city, county, state, and zip code): 411 Third Avenue Johnstown, PA 15906		Name and telephone number of the person to be contacted or matters involving this application (give area code): Shelbie Knox, Project Coordinator (814) 539-5357	
6. EMPLOYER IDENTIFICATION NUMBER (EIN): 25 -- 1814169		7. TYPE OF APPLICANT (enter appropriate letter in box) <input checked="" type="checkbox"/> N A. State H. Independent School District B. County I. State Controlled Institution of Higher Learning	
8. TYPE OF APPLICATION: <input checked="" type="checkbox"/> New <input type="checkbox"/> Continuation <input type="checkbox"/> Revision If revision, enter appropriate letter(s) in box(es): <input type="checkbox"/> <input type="checkbox"/> A. Increase Award B. Decrease Award <input type="checkbox"/> Increase Duration D. Decrease Duration Other (specify):		C. Municipal J. Private University D. Township K. Indian Tribe E. Interstate L. Individual F. Intermunicipal M. Profit Organization G. Special District N. Other (Specify) Non-profit	
10. CATALOG OF FEDERAL DOMESTIC ASSISTANCE NUMBER: 15 -- 253		9. NAME OF FEDERAL AGENCY: U.S. OFFICE OF SURFACE MINING	
12. AREAS AFFECTED BY PROJECT (cities, counties, states, etc.) Blacklick Creek Watershed, Vintondale, PA (Cambria and Indiana Counties)		11. DESCRIPTIVE TITLE OF APPLICANT'S PROJECT: Acid mine drainage remediation system within community-designed "remediation park"	
13. PROPOSED PROJECT: Start Date June 1999 Ending Date November 1999		14. CONGRESSIONAL DISTRICTS OF: a. Applicant 12th b. Project 12th	
15. ESTIMATED FUNDING:		16. IS APPLICATION SUBJECT TO REVIEW BY STATE EXECUTIVE ORDER 12372 PROCESS?	
a. Federal	68,000	a. <input checked="" type="checkbox"/> YES. THIS PREAPPLICATION/APPLICATION WAS MADE AVAILABLE TO THE STATE EXECUTIVE ORDER 12372 PROCESS FOR REVIEW ON DATE _____	
b. Applicant	19,500	b. NO <input type="checkbox"/> PROGRAM IS NOT COVERED BY E.O. 12372 <input type="checkbox"/> OR PROGRAM HAS NOT BEEN SELECTED FOR STATE REVIEW	
c. State	97,000	17. IS THE APPLICANT DELINQUENT ON ANY FEDERAL DEBT?	
d. Local	20,000	<input type="checkbox"/> Yes If "Yes," attach an explanation <input checked="" type="checkbox"/> No	
e. Other	80,200		
f. Program Income	0		
g. TOTAL	284,700 0.00		
18. TO THE BEST OF MY KNOWLEDGE AND BELIEF, ALL DATA IN THIS APPLICATION/PREAPPLICATION ARE TRUE AND CORRECT. THE DOCUMENT HAS BEEN DULY AUTHORIZED BY THE GOVERNING BODY OF THE APPLICANT AND THE APPLICANT WILL COMPLY WITH THE ATTACHED ASSURANCES IF THE ASSISTANCE IS AWARDED			
a. Typed Name of Authorized Representative Jeanne Gleason		b. Title President	c. Telephone number (814) 539-5357
d. Signature of Authorized Representative 		e. Date Signed 5/21/99	

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BUDGET INFORMATION - Construction Programs

Project Activity/Costs	OSM Funding	Partners In-Kind Contribution	Non-Federal Partners Funding	Other Federal Agency Funding	Total Cost
1. Administrative		--	--	\$15,000	\$15,000
1. Design		\$19,500	\$1,000	\$16,200	\$36,700
2. Construction	\$63,000	\$5,000	\$82,000	\$35,000	\$185,000
3. Project Inspection/monitoring	\$5,000	--	--	\$3,000	\$8,000
4. Other major costs (itemize)					
LAND	--	\$15,000	--	--	\$15,000
MAINTENANCE FUND	--	--	\$25,000	--	\$40,000
5. TOTAL PROJECT COSTS	\$68,000	\$39,500	\$108,000	\$69,200	\$284,700

ASSURANCES — CONSTRUCTION PROGRAMS

Note: Certain of these assurances may not be applicable to your project or program. If you have questions, please contact the Awarding Agency. Further, certain federal assistance awarding agencies may require applicants to certify to additional assurances. If such is the case, you will be notified.

As the duly authorized representative of the applicant I certify that the applicant:

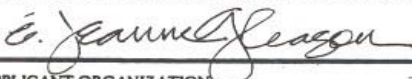
1. Has the legal authority to apply for Federal assistance, and the institutional, managerial and financial capability (including funds sufficient to pay the non-Federal share of project costs) to ensure proper planning, management and completion of the project described in this application.
2. Will give the awarding agency, the Comptroller General of the United States, and if appropriate, the State, through any authorized representative, access to and the right to examine all records, books, papers, or documents related to the assistance; and will establish a proper accounting system in accordance with generally accepted accounting standards or agency directives.
3. Will not dispose of, modify the use of, or change the terms of the real property title, or other interest in the site and facilities without permission and instructions from the awarding agency. Will record the Federal interest in the title of real property in accordance with awarding agency directives and will include a covenant in the title of real property acquired in whole or in part with Federal assistance funds to assure nondiscrimination during the useful life of the project.
4. Will comply with the requirements of the assistance awarding agency with regard to the drafting, review and approval of construction plans and specifications.
5. Will provide and maintain competent and adequate engineering supervision at the construction site to ensure that the complete work conforms with the approved plans and specifications and will furnish progress reports and such other information as may be required by the assistance awarding agency or State.
6. Will initiate and complete the work within the applicable time frame after receipt of approval of the awarding agency.
7. Will establish safeguards to prohibit employees from using their positions for a purpose that constitutes or presents the appearance of personal or organizational conflict of interest, or personal gain.
8. Will comply with the Intergovernmental Personnel Act of 1970 (42 U.S.C. §§ 4728-4763) relating to prescribed standards for merit systems for programs funded under one of the nineteen statutes or regulations specified in Appendix A of OPM's Standards for a Merit System of Personnel Administration (5 C.F.R. 900, Subpart F).
9. Will comply with the Lead-Based Paint Poisoning Prevention Act (42 U.S.C. §§ 4801 et seq.) which prohibits the use of lead based paint in construction or rehabilitation of residence structures.
10. Will comply with all Federal statutes relating to non-discrimination. These include but are not limited to: (a) Title VI of the Civil Rights Act of 1964 (P.L. 88-352) which prohibits discrimination on the basis of race, color or national origin; (b) Title IX of the Education Amendments of 1972, as amended (20 U.S.C. §§ 1681-1683, and 1685-1686) which prohibits discrimination on the basis of sex; (c) Section 504 of the Rehabilitation Act of 1973, as amended (29 U.S.C. § 794) which prohibit discrimination on the basis of handicaps; (d) the Age Discrimination Act of 1975, as amended (42 U.S.C. §§ 6101-6107) which prohibits discrimination on the basis of age; (e) the Drug Abuse Office and Treatment Act of 1972 (P.L. 93-255), as amended, relating to non-discrimination on the basis of drug abuse; (f) the Comprehensive Alcohol Abuse and Alcoholism Prevention, Treatment and Rehabilitation Act of 1970 (P.L. 91-616), as amended, relating to nondiscrimination on the basis of alcohol abuse or alcoholism; (g) §§ 523 and 527 of the Public Health Service Act of 1912 (42 U.S.C. 290 dd-3 and 290 ee-3), as amended, relating to confidentiality of alcohol and drug abuse patient records; (h) Title VIII of Civil Rights Act of 1968 (42 U.S.C. §3601 et seq.), as amended, relating to non-discrimination in the sale, rental or financing of housing; (i) any other non-discrimination provisions in the specific statute(s) under which application for Federal assistance is being made, and (j) the requirements on any other non-discrimination Statute(s) which may apply to the application.

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11. Will comply, or has already complied, with the requirements of Titles II and III of the Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970 (P.L. 91-646) which provides for fair and equitable treatment of persons displaced or whose property is acquired as a result of the Federal and Federally assisted programs. These requirements apply to all interests in real property acquired for project purposes regardless of Federal participation in purchases.
12. Will comply with the provisions of the Hatch Act (5 U.S.C. §§ 1501-1508 and 7324-7328) which limit the political activities of employees whose principal employment activities are funded in whole or in part with Federal funds.
13. Will comply, as applicable, with the provisions of the Davis-Bacon Act (40 U.S.C. §§ 276a to 276a-7), the Copeland Act (40 U.S.C. § 276c and 18 U.S.C. § 874), the Contract Work Hours and Safety Standards Act (40 U.S.C. §§ 327-333) regarding labor standards for federally assisted construction subagreements.
14. Will comply with the flood insurance purchase requirements of Section 102(a) of the Flood Disaster Protection Act of 1973 (P.L. 93-234) which requires recipients in a special flood hazard area to participate in the program and to purchase flood insurance if the total cost of insurable construction and acquisition is \$10,000 or more.
15. Will comply with environmental standards which may be prescribed pursuant to the following: (a) institution of environmental quality control measures under the National Environmental Policy Act of 1969 (P.L. 91-190) and Executive Order (EO) 11514; (b) Environmental Policy Act of 1969 (P.L. 91-190) and Executive Order (EO) 11514; (b) notification of violating facilities pursuant to EO 11738; (c) protection of wetlands pursuant to EO 11990; (d) evaluation of flood hazards in floodplains in accordance with EO 11988; (e) assurance of project consistency with the approved State management program developed under the Coastal Zone Management Act of 1972 (16 U.S.C. §§ 1451 et seq.); (f) conformity of Federal actions to State (Clean Air) Implementation Plans under Section 176C of the Clean Air Act of 1955, as amended (42 U.S.C. § 7401 et seq.); (g) protection of underground sources of drinking water under the Safe Drinking Water Act of 1974, as amended, (P.L. 93-523); and (g) protection of endangered species under the Endangered Species Act of 1973, as amended, (P.L. 93-205).
16. Will comply with the Wild and Scenic Rivers Act of 1968 (16 U.S.C. §§ 1271 et seq.) related to protecting components or potential components or potential components of the national wild and scenic rivers system.
17. Will assist the awarding agency in assuring compliance with Section 106 of the National Historic Preservation Act of 1966, as amended (16 U.S.C. 470), EO 11593 (identification and preservation of historic properties), and the Archaeological Historic Preservation Act of 1974 (16 U.S.C. 469a-1 et seq.).
18. Will cause to be performed the required financial and compliance audits in accordance with the Single Audit Act of 1984.
19. Will comply with all applicable requirements of all other Federal laws, Executive Orders, regulations and policies governing this program.

SIGNATURE OF AUTHORIZED CERTIFYING OFFICIAL 	TITLE President
APPLICANT ORGANIZATION AMD&ART, INC.	DATE SUBMITTED 5/23/99

SF 424D (4-88) BACK

1. SF 424 – See Attached

2. Program Narrative

a. Need for Project

The Vintondale AMD&ART remediation system is located on the South Branch of Blacklick Creek, Cambria County, Pennsylvania. The system will treat a high-iron (averaging 20 mg/l) acid mine drainage discharge with a flow that fluctuates between 80-200 gpm; pH averages at 3.3, with low spikes to 2.5. The Blacklick (South Branch) is currently undergoing intensive remediation efforts upstream, and the 400,000 yd³ boney pile that leaches into the stream at this site will be reclaimed in 1999-2000. Constructing the Vintondale site concurrently with AMD and sewer projects upstream will aid the remediation of the South Branch, helping to return the river to health for the first time in over a century. Not only does this system heal the water, however; just as important, this passive system is an integral component of a project that redefines traditional environmental remediation, blending the rigor of treatment science with the contemplation of landscape design, the significance of history and the personal commitment of local residents. In a borough where over 60% of families with children live in poverty, Vintondale testifies to the fact that concerned citizens, despite their lack of municipal resources, can make a difference in the environment. Location of this site along a heavily-traveled rail trail and the nature of site design provide excellent educational opportunities in this region where this century-old problem and its solutions are rarely taught in schools or in the community at large. With design in hand and \$226,000 in funds already committed for construction of this \$300,000 project, we ask OSM for the final monies necessary to make this system possible.

b. Purpose, Goals & Objectives

The purpose of this application is to obtain final funding with which to construct the Vintondale AMD&ART park treatment system. Construction of this system will result in the accomplishment of several goals.

- Remediate the last significant AMD discharge into the South Branch of Blacklick Creek.
 - Construct a vertical flow system to remove metals to legal effluent levels and boost pH to a minimum of 6.0
 - Construct 4 acres of polishing wetlands
 - Construct 6 acres of mitigation wetlands to create a long-term maintenance fund and enhance habitat
- Fulfill community vision to design and construct Vintondale AMD&ART remediation park.
 - Continue use of community volunteer labor to assist with construction, further investing ownership of site with residents
 - Ultimately increase community capacity to approach large problems by providing a successful example of resident action
- Take advantage of excellent educational opportunities

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- Construct a passive system along the Ghost Town Trail—a trail which currently hosts 75,000 users annually
 - Develop and install interpretive signage that addresses science, ecology and history at the site
 - Construct a national demonstration project that explores the community-enhancement benefits of AMD remediation.
 - Construct a park-like site in which the treatment system is one component of many, where visitors and residents alike can explore and enjoy a reclaimed mine site
 - Work with a broad array of non-traditional partners such as PennDOT, EPA Sustainable Development program, and the Pennsylvania Council on the Arts, to secure funding

c. Project Summary

Vintondale is the pilot project of the AMD&ART national demonstration model, a model which examines the ways in which AMD remediation can be integrated with community enhancements as defined by residents. The Vintondale site has been developed over the course of five years by a coalition of nationally recognized scientists, artists, and historians together with residents of the Borough of Vintondale. The resulting site plan (please see attachment #1) incorporates a treatment system capable of treating the 80-200 gallons per minute discharge with ten acres of wetlands, a community-designed park to replace the town ballfield ruined by a flood control project, and significant public design and site interpretation. Because of its broad goals, AMD&ART has secured a broad range of partners, including the local high school, the Borough, PennDOT and the EPA. Because of its trail-side accessibility, the site will be used to educate not only students, but also adults—many of whom have a poor understanding of the AMD problem and the solutions that exist to address it.

d. Work to be Done

AMD&ART is currently bidding construction of the treatment system to a general contractor who will be in place in the summer of 1999. Under the supervision of AMD&ART, this contractor will be responsible for excavating and constructing the vertical flow system (including discharge capture) and ten acres of palustrine wetlands, as engineered by Robert Deason, P.G., of EarthTech, Inc. (please see attachment #2). The contractor will be responsible for procurement of specified materials.

e. Ownership

Currently the 15 acre treatment site is owned by the Borough of Vintondale. Due to liability coverage, the Borough will turn over the system and wetlands to the Cambria County Conservation and Recreation Authority (CCCRA) once the system/wetlands are operational. Drawing off a maintenance fund provided by PennDOT mitigation monies, the CCCRA, a municipal authority created specifically as a land trust and AMD system custodian, will

maintain the system/wetlands, including flushing and recharging the system. The Borough will own and maintain the active recreational grounds adjacent to the system/wetlands.

f. Right of Entry

AMD&ART has legal access to the site, which is owned by the Borough of Vintondale. The CCCRA, another partner in this project, has granted permission to AMD&ART and its contractors to travel on the Trail for construction purposes.

g. Technology

AMD&ART is installing a traditional vertical flow system and wetlands, technology which has been proven throughout Appalachia for more than two decades. Please see attachment #3 for specifications of the wetland cell, two settling basins, and three vertical-flow cells. The water will then flow through four acres of clarification marsh, exiting the marsh within legal effluent limits. The final six acres of wetlands will be "legal wetlands" as defined by the US EPA.

h. Tangible Results & Monitoring Results

AMD&ART and the Borough of Vintondale anticipate several tangible benefits resulting from the construction of this system.

- The Vintondale system will neutralize a discharge that currently enters the Blacklick with a pH of 3.3, enhancing the effects of current upstream remediation efforts.
- 10 acres of wetlands will create new habitat for species such as wood ducks, herons, and martins.
- A trailside education center with scientific, ecological, and historical interpretation that will host several thousand trail-users and hundreds of students annually along the Ghost Town Trail (documented by Indiana County Parks in 1996 to have 75,000 annual users).

i. Construction Start Date

AMD&ART anticipates that construction can begin within 60 days of when the contract is signed, except in the case that this date falls within winter.

j. Timetable

June, 1999	General Contractor hired. Engineering completed. General Permits requested.
August, 1999	Groundbreaking on vertical flow system.
September, 1999	Completion of vertical flow system. Remining of wetlands site. Wetlands construction begins.
April, 1999	Treatment system construction completed.

k. *Maintenance*

AMD&ART realizes that Appalachian patch towns have neither the funds nor the know-how to maintain an AMD remediation system, and with that understanding has sought innovative maintenance solutions. Fortunately, southwestern Pennsylvania hosts a number of land conservancies that specialize in the long-term maintenance of passive systems. AMD&ART is working with the Cambria County Conservation and Recreation Authority in Vintondale due to the Authority's proximity to the site, their ownership of the Ghost Town Trail, and the fact that they operate several treatment systems in Cambria County. To fund routine maintenance and eventual recharging, AMD&ART has negotiated with the Pennsylvania Department of Transportation to finance these wetlands through their wetlands mitigation program, thereby creating a \$25,000 trust for the Authority.

3. ITEMIZED BUDGET ESTIMATE – SEE ATTACHED

4. BUDGET JUSTIFICATION

Administration:

TOTAL FUNDS ACQUIRED:	\$15,000 EPA
TOTAL COST:	
Administrative Staff	2 X 6 months = \$10,000
Phone/Internet	6 months X \$200/month = \$1,200
Travel	1,000 miles X .31/mile = \$1,550
Documentation (Photo/Printing)	6 months = \$500
Rent	6 months X \$180/month = \$1,080
Supplies	\$270
Postage	6 months = \$200
Bookkeeping	\$300
TOTAL:	\$15,000

Design

TOTAL FUNDS ACQUIRED:		
Julie Bargmann		
90 hours @ \$75/hour	\$6,750 in-kind	\$5,000 EPA
Robert Deason		
100 hours @ \$60/hour	\$6,000	\$6,200 EPA
Stacy Levy		
90 hours @ \$75/hour	\$6,750 in-kind	\$5,000 EPA
PA Council on the Arts		\$1,000 PCA
		\$36,700 TOTAL

AMD&ART blends together the perspectives of several disciplines to create the Vintondale AMD&ART remediation park. Since 1995, we have worked with Vintondale residents to design a park that will not only clean an AMD discharge, but also give residents and visitors a place to enjoy and reflect. Landscape architect Julie Bargmann, landscape artist Stacy Levy, hydrogeologist Robert Deason and public historian T Allan Comp have donated their time and expertise to create this site plan. In addition, the Pennsylvania Council on the Arts granted AMD&ART \$1,000 towards design in 1999, while the EPA grant provides materials/travel/documentation expenses to Bargmann, Deason and Levy.

Construction

TOTAL FUNDS ACQUIRED:	\$27,000 EPA \$8,000 US Forest Service \$62,000 PA DOT \$10,000 PA DEP (Watershed Conservation Office) \$10,000 Western PA Watershed Protection Program \$5,000 Volunteers/donated materials
TOTAL:	\$122,000

TOTAL COSTS:	\$51,600 Earthmoving \$23,769 Stone \$ 72,888 Substrate \$16,450 Pipe \$14,500 Vegetation \$3,000 Construction Management \$3,000 Permits
TOTAL:	\$185,207

AMD&ART partners are funding the construction of one catchment pond, inflow pipe, one wetlands cell, two settlement cells, 3 vertical-flow cells and 10 acres of palustrine wetlands. Earthmoving includes removal of 60,000 tons of boney for remining by RNS Services, a private remining interest.

Inspection/Monitoring

TOTAL ACQUIRED FUNDS:	\$3,000 EPA
TOTAL COSTS:	\$8,000

AMD&ART will conduct quarterly monitoring before the first settlement basin, following the final settlement cell, and the point where the water enters the stream. This will be conducted by PA DEP trained volunteers who are enrolled in the Kiski-Conemaugh River Basin Alliance RiverKeepers program, with quality control by an independent laboratory. In

order to satisfy PennDOT requirements, the wetlands will also be professionally monitored. The EPA is providing \$3,000 to cover the cost of DEP permits.

Other:

TOTAL ACQUIRED FUNDS:	\$25,000 PennDOT \$15,000 in-kind land donation from the Borough of Vintondale
TOTAL:	\$40,000
TOTAL COSTS:	\$25,000 Maintenance fund \$15,000 15 acres land
TOTAL:	\$40,000

The maintenance fund will be kept by the CCCRA to draw off of in order to provide routine maintenance and flushing/recharging.

5. AMD&ART ORGANIZATION

AMD&ART is a non-profit, 501(c)3 organizations started in 1995 within the Southwestern Pennsylvania Heritage Preservation Commission. The organization brings together nationally-recognized scientists, artists and historians together with local residents to transform a century-old environmental liability into community assets.

President of the Board:	E. Jeanne Gleason, Executive Director of the Pennsylvania Rural Arts Alliance
Vintondale Design Team:	Julie Bargmann, M.L.A. Associate Professor, University of Virginia. Landscape architect. T Allan Comp, Ph.D. Senior Advisor, Office of Surface Mining (started February 1999). Allan founded AMD&ART in 1995. Public historian. Robert Deason, P.G. Partner, EarthTech, Inc. Hydrogeologist. Stacy Levy, M.F.A. Founder and Director of SERE Native Landscape Restoration. Landscape artist.

6. FINANCIAL MANAGEMENT

AMD&ART banks with U.S. Bank of Johnstown, PA. We administer a Pennsylvania DEP Watershed Restoration and Protection grant, a Western Pennsylvania Watershed Protection Program grant, a Pennsylvania Council on the Arts grant, and PennDOT monies. To maintain accuracy, AMD&ART employs a professional bookkeeper. Construction expenditures cannot be made without the approval of an Executive Board Member (in this case, Jeanne Gleason, President, or William Daniels, Treasurer). As we are required by our

Articles of Incorporation and our EPA contract, AMD&ART issues quarterly reports of activities and financial spending.

7. 501(c)3 STATUS -- SEE ATTACHED

8. PARTNERS

- Pennsylvania Department of Transportation. Providing \$87,000 for the construction of 5.8 acres of mitigation wetlands at the Vintondale site.
- US Environmental Protection Agency, Sustainable Development Program. Providing \$15,000 in design money and \$30,000 in construction money towards the construction of Vintondale vertical flow system.
- Western Pennsylvania Watershed Protection Program. Granted \$10,000 towards the construction of wetlands at Vintondale.
- Pennsylvania Department of Environmental Protection, Watershed Conservation Office. Granted \$10,000 Watershed Restoration and Protection grant towards the purchase of wetlands construction materials at Vintondale.
- United States Forest Service. Granted \$8,457 for the purchase of trees and wood products for the Vintondale site.
- Borough of Vintondale. Provided 35 acre site for the construction of Vintondale AMD&ART remediation park. 17 acres will be donated to the Cambria County Conservation and Recreation Authority in perpetuity; the remaining acreage will be retained as a community park. The 17 acres represent approximately \$15,000 in-kind contribution.
- Pennsylvania Department of Conservation and Natural Resources. Granted the Borough of Vintondale \$20,000 towards the construction of the recreation park which will overlook the treatment system.
- Blacklick Valley High School. Students from the Student Council donate labor towards site vegetation. Students from the Shop Class are building wildlife habitat and a sign for the site.
- Vintondale Volunteer Fire Company. Volunteer firemen volunteer labor towards construction of picnic tables. Will assist with wetlands planting.

9. LETTERS OF LOCAL SUPPORT -- SEE ATTACHED

10. SF-424D ASSURANCES – SEE ATTACHED

11. DI 2010 – SEE ATTACHED

U.S. DEPARTMENT OF THE INTERIOR
Office of Surface Mining Reclamation and Enforcement

**Certifications Regarding Debarment, Suspension and
Other Responsibility Matters, Drug-Free Workplace
Requirements and Lobbying**

Persons signing this form should refer to the regulations referenced below for complete instructions.

Certification Regarding Debarment, Suspension and Other Responsibility Matters - Primary Covered Transactions. (See Appendix A of Subpart D of 43 CFR 12).

Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion - Lower Tier Covered Transactions (See Appendix B of Subpart D of 43 CFR 12).

Certification Regarding Drug-Free Workplace Requirements (Grantees Other Than Individuals) (See Appendix C of Subpart D of 43 CFR 12).

Certification Regarding Lobbying (See 43 CFR 18).

Signature on this form provides for compliance with certification requirements under 43 CFR Parts 12 and 18. The certifications shall be treated as a material representation of fact upon which reliance will be placed when the Office of Surface Mining determines to award the covered transaction, grant or cooperative agreement.

PART A: Certification Regarding Debarment, Suspension and Other Responsibility Matters - Primary Covered Transactions

— *CHECK IF THIS CERTIFICATION IS FOR A PRIMARY COVERED TRANSACTION AND IS APPLICABLE*

1. The prospective primary participant certifies to the best of its knowledge and belief, that it and its principles:
 - (a) Are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from covered transactions by any Federal department or agency.
 - (b) Have not within a three-year period preceding this proposal been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State or local) transaction or contract under a public transaction; violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property.
 - (c) Are not presently indicted for or otherwise criminally or civilly charged by a government entity (Federal, State or local)
2. The prospective primary participant agrees by submitting this proposal that it will include the clauses under Part B: Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion - Lower Tier Covered Transaction, without modification, in all lower tier covered transactions and in all solicitations for lower tier covered transactions.
3. Where the prospective primary participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this proposal.

**PART B: Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion
- Lower Tier Covered Transactions**

CHECK IF THIS CERTIFICATION IS FOR A LOWER TIER COVERED TRANSACTION AND IS APPLICABLE.

1. The prospective lower tier participant certifies, by submission of this proposal, that neither it nor its principals is presently debarred, suspended, proposed for debarment, declared ineligible or voluntarily excluded from participation in this transaction by any Federal department or agency.
2. Where the prospective lower tier participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this proposal.

PART C: Certification Regarding Drug Free Workplace Requirements

CHECK IF THIS CERTIFICATION IS FOR AN APPLICANT WHO IS NOT AN INDIVIDUAL.

1. The grantee certifies that it will or continue to provide a drug-free workplace by:
 - (a) Publishing a statement notifying employees that the unlawful manufacture, distribution, dispensing, possession or use of a controlled substance is prohibited in the grantee's workplace and specifying the actions that will be taken against employees for violation of such prohibition;
 - (b) Establishing an ongoing drug-free awareness program to inform employees about --
 - (1) The dangers of drug abuse in the workplace;
 - (2) The grantee's policy of maintaining a drug-free workplace;
 - (3) Any available drug counseling, rehabilitation and employee assistance programs; and
 - (4) The penalties that may be imposed upon employees for drug abuse violations occurring in the workplace;
 - (c) Making it a requirement that each employee to be engaged in the performance of the grant be given a copy of the statement required by paragraph (a);
 - (d) Notifying the employee in the statement required by paragraph (a) that, as a condition of employment under the grant, the employee will --
 - (1) Abide by the terms of the statement and
 - (2) Notify the employer in writing of his or her conviction for a violation of a criminal drug statute occurring in the workplace no later than five calendar days after such conviction;
 - (e) Notifying the agency in writing, within ten calendar days after receiving notice under subparagraph (d)(2) from an employee or otherwise receiving actual notice of such conviction. Employers of convicted employees must provide notice, including position title, to every grant officer on whose grant activity the convicted employee was working, unless the Federal agency has designated a central point for the receipt of such notices. Notice shall include the identification numbers(s) of each affected grant;
 - (f) Taking one of the following actions, within 30 calendar days of receiving notice under subparagraph (d)(2), with respect to any employee who is so convicted --

- (1) Taking appropriate personnel action against such an employee, up to and including termination, consistent with the requirements of the Rehabilitation Act of 1973, as amended; or
 - (2) Requiring such employee to participate satisfactorily in a drug abuse assistance or rehabilitation program approved for such purposes by a Federal, State or local health, law enforcement, or other appropriate agency;
 - (g) Making a good faith effort to continue to maintain a drug-free workplace through implementation of paragraphs (a), (b), (c), (d), (e) and (f).
2. The grantee shall provide below the site(s) of the performance of work done in connection with the specific grant:

Place of Performance (Street address, city, county, state, zip code)

411 Third Avenue

Johnstown, PA 15906

Cambria County

☐ Check if there are workplaces on file that are not identified here.

PART D: Certification Regarding Lobbying

CHECK IF CERTIFICATION IS FOR THE AWARD OF ANY OF THE FOLLOWING AND THE AMOUNT EXCEEDS \$100,000: A FEDERAL GRANT OR COOPERATIVE AGREEMENT; SUBCONTRACT, OR SUBGRANT UNDER THE GRANT OR COOPERATIVE AGREEMENT.

The undersigned certifies, to the best of his or her knowledge and belief, that:

1. No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of an agency, a Member of Congress and officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract; the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.
2. If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions.
3. The undersigned shall require that the language of this certification be included in the award documents for all subawards at all tiers (including subcontracts, subgrants and contracts under grants, loans and cooperative agreements) and that all subrecipients shall certify accordingly.

This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by Section 1352, title 31, U.S. Code. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

As the authorized certifying official, I hereby certify that the above specified certifications are true.

E. Jeanne Gleason

SIGNATURE OF AUTHORIZED CERTIFYING OFFICIAL

Jeanne Gleason, President

May 23, 1999

TYPED NAME AND TITLE

DATE

This form consolidates DI-1953, DI-1954, DI-1955, DI-1956 and DI-1963.

DI-2010 (March 1995)
Modified for OSM Use



OSM ATTACHMENT #1

Earthtech, Inc.

CONSULTING SCIENTISTS & ENGINEERS

Environmental Mining &
Site Development Services

AMD & ART - Site #1 Vintondale Borough, Cambria County, PA

INTRODUCTION:

The Mine #3 discharge enters Blacklick Creek near Vintondale in Cambria County, and Vintondale Borough has land that it is willing to donate for treatment of the discharge. However, the land and the discharge are on opposite sides of Blacklick Creek, so the discharge must be piped across Blacklick Creek to reach the treatment area. Once there, it will move sequentially through a settling pond, an anaerobic wetland cell, two anaerobic vertical flow cells, a large clarification marsh, and finally into an emergent wetland (see Exhibit 1: Schematic Site Plan). Assuming that the discharge from the clarification marsh meets effluent limits, the 5 acres of emergent wetland that follow can be used as a wetland bank. The proceeds from the sale of this wetland will create a mechanism to pay for the maintenance of the treatment system.

This treatment system is different from other passive systems in that aesthetics and historical context are an integral part of the design. The plant species are all native to Pennsylvania, selected to be practical (provide wildlife habitat) and to mimic water quality with color. Species with red/orange/yellow components will be planted in and around the first few cells, and will grade into species that are dominantly green and blue further down the system. The visible history of this site is gone, because all of the buildings that existed when it was a major coal producing facility have been demolished. The footprints of these buildings will rise up out of the wetland area, and will act as flow dispersion berms. The use of these artistic and historical elements as functional components of the treatment system is the essence of AMD & ART.

WATER QUALITY:

The table below summarizes the water quality for the discharge. The pH can be quite low, and the iron averages about 20 mg/l. Luckily, the acidity and manganese are relatively low for a

Date Sampled	Flow (GPM)	pH	Specific Conductance (micromhos per cm)	Alkalinity to pH 4.5 (mg/l as CaCO ₃)	Acidity to pH 8.2 (mg/l as CaCO ₃)	Fe (mg/l)	Mn (mg/l)	Al (mg/l)	Mg (mg/l)	Sulfate (mg/l)	Suspended Solids (mg/l)
21-Feb-97	408	3.1	2250	0	—	19.1	2.68	23.0	46.6	—	—
18-Apr-97	205	2.9	1380	0	280	14.3	2.43	—	—	580	< 5
14-May-97	141	3.5	1590	0	—	23.9	3.34	33.3	55.1	—	—
12-Jun-97	250	2.5	2080	0	—	21.6	2.92	25.3	50.1	—	—
7-Aug-97	59	4.0	2970	0	—	10.9	0.21	22.9	37.9	—	—
19-Aug-97	27	—	2710	0	—	16.0	0.56	36.3	51.2	—	—
18-Sep-97	49	4.0	1810	0	—	25.1	0.78	44.9	63.9	—	—
AVG	163	3.3	2113	0	280	18.7	1.85	30.9	50.8	580	< 5

discharge like this. Based on this quality, and using the U.S. Bureau of Mines sizing criteria (see attachment), a wetland only treatment system would need to be between 10 and 15 acres in size.

Reply To: 614 South Franklin Ave., Somerset, PA 15501
(814) 443-3384 FAX: (814) 445-4130

336 Bloomfield St., Suite 201, Johnstown, PA 15904
(814) 266-6402 FAX: (814) 266-6530

Wetland Design - Sizing Parameters Based on USBM* Removal Rates

Seasonal Water Quantity & Quality Variation

Date	Flow (OPM)	pH (s.u.)	EXISTING QUALITY				EFFLUENT GOALS			
			Alkalinity to pH 4.5 as CaCO ₃ (mg/L)	Acidity to pH 8.2 as CaCO ₃ (mg/L)	Fe (mg/L)	Mn (mg/L)	Alkalinity to pH 4.5 as CaCO ₃ (mg/L)	Acidity to pH 8.2 as CaCO ₃ (mg/L)	Fe (mg/L)	Mn (mg/L)
21-Feb-97	600	3.1	0.	--	19.1	2.68	5.	4.	0.5	2.0
18-Apr-97	200	2.9	0.	280.	14.5	2.45	5.	4.	0.5	2.0
12-Jun-97	250	2.5	0.	--	21.6	2.92	5.	4.	0.5	2.0
18-Sep-97	50	4.0	0.	--	25.2	0.78	5.	4.	0.5	2.0
AVERAGES			0.	280.	20.1	2.21	5.	4.	0.5	2.0

Loading Rates in g/day

Date	Flow (OPM)	Flow (LPM)	EXISTING QUALITY				EFFLUENT GOALS			
			Alkalinity to pH 4.5 as CaCO ₃ g/day	Acidity to pH 8.2 as CaCO ₃ g/day	Fe g/day	Mn g/day	Alkalinity to pH 4.5 as CaCO ₃ g/day	Acidity to pH 8.2 as CaCO ₃ g/day	Fe g/day	Mn g/day
21-Feb-97	400	1514	0	--	41641	5843	10901	8721	1090	4360
18-Apr-97	200	757	0	305222	15806	2671	5450	4360	545	2180
12-Jun-97	250	946	0	--	29432	3979	6813	5450	681	2725
18-Sep-97	50	189	0	--	6868	213	1363	1090	136	545
AVERAGES			0	305222	23437	3176	6132	4905	613	2433

Area Needed to Meet Effluent Goals

METALS

Parameter	Amount to be Removed	Area needed for Removal
Fe	22824 g/d	4565 sq. m
Mn	724 g/d	1447 sq. m
Total Area for Metals		6012 sq. m

ACIDITY

Parameter	Amount to be Removed	Re- moval Rate	Area needed for Removal
Acidity to pH 8.2	300317 g/d	5	60063 sq. m
	300317 g/d	7.5	40042 sq. m
	300317 g/d	10	30032 sq. m
	300317 g/d	20	15016 sq. m

Metals Area	Area For Metals & Acidity	Acreage For Metals & Acidity
6012	66075 sq. m	16.32 acres
6012	46054 sq. m	11.38 acres
6012	36043 sq. m	8.90 acres
6012	21028 sq. m	5.19 acres

* Hedin, R.S.; Nairn, R.W.; & Kleinmann, R.L.P. (1993) The Passive Treatment of Coal Mine Drainage
U.S. Department of the Interior, Bureau of Mines.

SYSTEM COMPONENTS:

The Vintondale treatment system will comprise about 12 acres, with an additional 5 acres of emergent wetland at the end (see Exhibit 2: Treatment System Plan).

The first component of the system is the delivery pipeline that will bring the discharge to the site. The pipeline will begin at the culvert under the old railroad grade (see Exhibit 3: Pipeline Route), and will be laid out approximately due west until it encounters the Ghost Town Trail. At that point, it will turn and parallel the trail in a southerly direction. The pipeline will cross Blacklick Creek using the existing bridge for support, and will end at the settling pond (#1).

Since this discharge will travel overland for a significant distance before entering the pipe, it will from time to time contain suspended solids that have been washed in by runoff. The settling pond is designed to slow the water down, and allow the majority of this sediment to fall out of suspension before the discharge reaches the treatment system.

Due to the distance that the discharge will travel, and the amount of fall it will have before it enters the pipeline, it will contain some dissolved oxygen. In order to remove as much dissolved oxygen as possible before the discharge enters the first vertical flow cell, an anaerobic wetland cell (#2) will be installed after the settling pond. This cell will also act as an additional sediment trap.

The Vintondale system will contain two vertical flow cells (#3 & #5) each followed by a settling pond (#4 & #6). The inclusion of the alkalinity producing elements at the beginning of the system should neutralize the majority of the acidity, and thereby reduce the treatment wetland acreage needed to reach effluent limits. While it is difficult to predict the amount of alkalinity that will be produced by the two vertical flow cells, we believe that we will achieve a pH of about 6.0 in the final settling pond (#6). From there, the water will be discharged to the clarification marsh.

The clarification marsh (#7) is the final component of the treatment system. It will have a footprint of approximately 7 acres, including several earthen berms that will represent the locations of the old structures. These berms will help to disperse the flow throughout the marsh, thereby minimizing channeling, and increasing retention time. The vegetation in this part of the system will be typical of an emergent marsh, with cattails, rushes, and sedges dominating. We anticipate that the water quality will meet effluent limits at the discharge point.

The discharge from the clarification marsh will flow into the emergent wetland (#8). Once this area develops into a thriving wetland area, it will be sold to an entity (like PennDOT) that is encroaching on natural wetlands as part of land development. The money obtained from that sale will be put into a trust that will pay for the maintenance of the treatment facilities.

COMPONENT SPECIFICATIONS:

Element #1 (Settling Basin):

Approximate Dimensions: 120' x 50'

Special Features: Pipeline Inlet

Spillway: Trapezoidal with 2 to 4' drop to #2.

Rip-rap or aeration ladder for stabilization

Element #2 (Treatment Wetland Cell):

Approximate Dimensions: 200' x 50'

Special Features: See Typical Detail - Anaerobic Wetland Cell

Substrates: 4" of pulverized limestone at the bottom.
12" of spent mushroom compost on top

Spillway: Trapezoidal with no drop to #3.
Vegetated for stabilization

Element #3 (Vertical Flow Cell)

Approximate Dimensions: 150' x 50'

Special Features: See Typical Detail - Vertical Flow Pond

Spillway: 4 @ 10" PVC pipes with 2 to 4' drop to #4.
Rip-rap or aeration ladder for stabilization.

Element #4 (Settling Basin):

Approximate Dimensions: 180' x 60'

Special Features: None

Spillway: Trapezoidal with no drop to #5.
Vegetated for stabilization

Element #5 (Vertical Flow Cell)

Approximate Dimensions: 210' x 70'

Special Features: See Detail Drawing

Spillway: 4 @ 12" PVC pipes with 2 to 4' drop to #6.
Rip-rap or aeration ladder for stabilization.

Element #6 (Settling Basin):

Approximate Dimensions: 180' x 100'

Special Features: None

Spillway: Trapezoidal with 2 to 4' drop to #2.
Rip-rap or aeration ladder for stabilization

Element #7 (Clarification Marsh)

Approximate Dimensions: Variable, comprising a total of about 7 acres

Special Features: See Typical Detail - Anaerobic Wetland Cell

Substrates: No limestone.

6 to 12" of spent mushroom compost on top

Spillway: 4 @ 12" PVC pipes with 2 to 4' drop to #6.
Rip-rap or aeration ladder for stabilization

Element #8 (Emergent Wetland)

Approximate Dimensions: Variable, comprising a total of about 5 acres.

Special Features: See Typical Detail - Anaerobic Wetland Cell

Substrates: No limestone.

6 to 12" of spent mushroom compost on top

Spillway: Element #9 (Release Channel) - Rip-rap or aeration ladder for stabilization
Approximate Dimensions: 50' x 20'

PLANTING:

Only native plant species will be used to vegetate the wetland and surrounding area (the litmus garden). The species have been selected to provide a variety of food and cover for wildlife that will colonize the wetland after completion. In addition to their practical value, the species have been selected to mimic water quality with their colors. Red, orange, and yellow will indicate the untreated AMD in and around the first few cells, while green and blue will indicate improved water quality farther down the system.. The species planned for each component area (#1 through #9) are shown on the attached Plate VI. (BIOMASS)

Planting within the wetland will be done by hand to minimize disturbance. Both the inslopes and outslopes will be planted with a native grass / legume mixture, and mulched to minimize erosion.



**Cambria County Conservation
& Recreation Authority**

401 Candlelight Drive, Suite 234
Ebensburg, PA 15931
(814) 472-2110
(814) 472-1408 (Fax)

Delores J. Columbus
Executive Director

Dr. T. Allan Comp
Allegheny Heritage Development Corporation
P. O. Box 565
Hollidaysburg, PA 16648-0565

Re: AMD&ART, Vintondale Project

Dear Dr. Comp:

This letter will confirm that the seventeen (17) acre parcel of land being donated by the Borough of Vintondale to the Cambria County Conservation & Recreation Authority will be used for the AMD&ART passive treatment system project being developed in Vintondale.

The Conservation & Recreation Authority is extremely pleased to be a part of the team creating this asset for the community and looks forward to its completion.

Very truly yours,

A handwritten signature in cursive script, appearing to read "Delores J. Columbus".

Delores J. Columbus

c: Ms. Shelby Knox

FINAL COPY
May 1999
C: AMD&ART/site/Vintondale/PennDOT
To: PADOT District 9-0
PADOT District 10-0

RE: Wetland Mitigation
Partnership Agreement

Dear _____,

On April 8, 1999 a meeting was held to discuss a cooperative agreement between AMD&ART and PADOT regarding the construction of wetlands. The meeting included the attendance of the following parties:

Tom Baltz - PADOT District 10-0
Corey Jordan - PADOT District 10-0
Bill Savage - PADOT District 9-0
John Paxton - PADEP
Rich Sobol - USACOE
Tammy Sherwin - L. Robert Kimball and Associates
Ken Stockert - Skelly and Loy, Inc.
Steve Pernick - Skelly and Loy, Inc.
Allen Comp - AMD&ART, Inc.
Shelbie Knox - AMD&ART, Inc.

This letter is to verify the agreements discussed at that meeting and to provide formal documentation as to the processes outlined at that time.

During the referenced meeting it was determined that PADOT is required by PADEP to mitigate a total of 5.8 acres of wetland impacts associated with improvements to Route 22 in Indiana and Cambria Counties. It was agreed that this mitigation could be conducted as part of the AMD&ART site at Vintondale. The Vintondale site includes an AMD treatment system and associated wetlands as well as some community facilities. AMD&ART noted they need approximately \$200,000 to complete construction of the project.

In order to develop a compensation rate for the impacts it was agreed to by all parties that an amount would be based on the PA Wetland Replacement Project (the Fund). Currently, 0.40 to 0.50 acre of wetland replacement costs \$7,500 which would equate to \$15,000 per acre. It should be noted that the PADEP Wetland Replacement Fund is not an option because the 5.8 acre impact exceeds the 0.5 acre upper limit established by the Fund. Applying this rate to the 5.8 acres of proposed impact provides a total of \$87,000.

The payment of \$87,000 to AMD&ART will fulfill PennDOT's commitment for wetland Mitigation and will be divided proportionately between the Districts. District 10-0's portion of the project in Indiana County has a proposed impact of 3.33 acres of wetland and would require payment

of \$49,950. District 9-0's portion in Cambria County has a proposed impact of 2.47 acres and would require a payment of \$37,050.

AMD&ART has proposed a maximum amount of ten acres of wetlands be constructed at the Vintondale site. It is agreed that a minimum 5.8 acres will be allocated to PADOT to satisfy their mitigation requirements. It is noted that the remaining available wetland acreage may be used by PennDOT for other projects in the area presently requiring wetland mitigation, and as approved by the PADEP and USACOE. A similar payment option to AMD&ART would also be required to use the remaining available acreage.

By signature of this letter AMD&ART formally agrees to allocate a minimum of 5.8 acres of constructed wetland for PADOT wetland mitigation. By signature of this letter PADOT formally agrees to provide \$87,000 to AMD&ART for use in the construction of this project.

It is understood that at this time the actual payment mechanism is still being determined. It is anticipated that the final design consultant, L. Robert Kimball and Associates, will pay AMD&ART and be reimbursed by PennDOT. L. Robert Kimball is currently responsible for the final design of the wetland replacement site for the project. Payment to AMD&ART is an upfront payment that satisfies PADEP's and the USACOE's mitigation requirements for the required Joint Permit Applications. It is also understood that AMD&ART will be responsible for the successful completion of the wetland replacement project, maintenance, and monitoring of the site as required by the PADEP and USACOE.

_____ District 10-0 Environmental Manager	_____ Date
_____ District 10-0 District Engineer	_____ Date
_____ District 9-0 Environmental Manager	_____ Date
_____ District 9-0 District Engineer	_____ Date
_____ PA Dept. of Environmental Protection	_____ Date
_____ US Army Corps of Engineers	_____ Date
_____ AMD&ART, Inc.	_____ Date



Pennsylvania Department of Conservation and Natural Resources

Rachel Carson State Office Building

P.O. Box 8552

Harrisburg, PA 17105-8552

May 28, 1999

Bureau of Forestry

717-787-3444

Shelbie Knox
AMD & ART
The Bottleworks
411 Third Avenue
Johnstown, PA 15906

Re: Pennsylvania Natural Diversity Inventory Review of Vitondale Site in Cambria County, PA.
PER NO: 7788

Dear Ms. Knox:

In response to your data request of May 20, 1999, to review the above mentioned project, we have reviewed the area using the Pennsylvania Natural Diversity Inventory (PNDI) information system. PNDI records indicate no occurrences of species of special concern within the project area, therefore we do not anticipate any impact on endangered, threatened, or rare species at this location.

PNDI is a site specific information system that describes significant natural resources of Pennsylvania. This system includes data descriptive of plant and animal species of special concern, exemplary natural communities and unique geological features. PNDI is a cooperative project of the Department of Conservation and Natural Resources, The Nature Conservancy and the Western Pennsylvania Conservancy. This response represents the most up-to-date summary of the PNDI data files and is good for one year. An absence of recorded information does not necessarily imply actual conditions on-site. A field survey of any site may reveal previously unreported populations.

Feel free to phone our office if you have questions concerning this response or the PNDI system, and please refer to the P.E.R. Reference Number at the top of the letter in future correspondence concerning this project.

Sincerely,

Len Biko
Environmental Review Specialist Assistant
Pennsylvania Natural Diversity Inventory

Stewardship

Partnership

Service



Commonwealth of Pennsylvania
Pennsylvania Historical and Museum Commission
Bureau for Historic Preservation
Post Office Box 1026
Harrisburg, Pennsylvania 17108-1026

August 6, 1999

T. Allan Comp
Senior Project Advisor
AMD&ART
C/O The Bottleworks
411 Third Avenue
Johnstown, PA 15906

Re: File No. ER 99-2499-021-A
COAL, AMD&ART, Design Acid Mine Drainage
Treatment System, Vintondale Borough, Cambria
County

Dear Mr. Comp:

The Bureau for Historic Preservation has reviewed the above named project under the authority of the Environmental Rights amendment, Article 1, Section 27 of the Pennsylvania Constitution and the Pennsylvania History Code, 37 Pa. Cons. Stat. Section 500 et seq. (1988), and in accordance with relevant Federal legislation. This legislation includes Section 106 of the National Historic Preservation Act of 1966, as amended in 1980 and 1992, the regulations (36 CFR Part 800) of the Advisory Council on Historic Preservation, the Surface Mining Control and Reclamation Act, and OSM's regulations. This review includes comments on the project's potential effect on both historic and archaeological resources.

Based on our survey files, which include both archaeological sites and standing structures, there are no National Register eligible or listed historic or archaeological properties in the area of this proposed project. Therefore, your responsibility for consultation for this project is complete. Should you become aware, from any source, that historic or archaeological properties are located at or near the project site, please notify the Bureau for Historic Preservation at (717) 783-8946. If you need a **status only** of the reviewed project please call Tina Webber at (717) 705-4036.

Sincerely,

Kurt W. Carr, Chief
Division of Archaeology &
Protection

KWC/tmw

AMD&ART

CREATING COMMUNITY ASSETS

411 THIRD AVENUE • JOHNSTOWN, PA 15906
PHONE (814) 539-5357 • FAX (814) 539-4345 • amdart@gte.net

31 May 2000

Mr. David Hamilton
U.S. Office of Surface Mining
Suite 3C, Harrisburg Transportation Center
415 Market Street
Harrisburg, PA 1701

Dear David,

Enclosed please find the request for additional funding under AMD&ART's Clean Streams Cooperative Agreement, CA 970008. As you suggested, the SF 424 and the budget information have been revised. An amended narrative is also included, to explain the change in expenses.

Thank you for your assistance! Please let me know if I can do anything else in this process.

Sincerely,

Ellen P. Micoli
AMD&ART Co-Coordinator

**OSM CLEAN STREAMS AWARD FOR AMD&ART
AWARD REVISION NARRATIVE**

In May of 1999, AMD&ART requested funding in the amount of \$68,000 to complete the treatment system in Vintondale, Pennsylvania. The treatment system will remediate the mine no. 3 discharge from the old Vinton Colliery that currently flows untreated into the South Branch of Blacklick Creek. The original request was intended for construction in the summer of 1999. However, the discharge was found to be high in aluminum and the design needed to be revised. This delay in construction and the use of additional engineering services created a need for additional funding for both construction and administration.

We are asking the Office of Surface Mining to increase AMD&ART's award from \$68,000 to \$80,000. \$8,000 will be used to pay for the additional costs that will be incurred as a result of the change in treatment for the aluminum. The treatment system will be bid out, and the altered design will cost more to construct than the original design. \$4,000 will be used to pay for administrative costs and evaluation research on the implementation of an acid mine drainage treatment system in the Blacklick Creek watershed.

APPLICATION FOR FEDERAL ASSISTANCE

OMB Approval No. 0348-0043

1. TYPE OF SUBMISSION:		2. DATE SUBMITTED original 5/23/99, revised 5/22/00	Applicant Identifier
Application <input checked="" type="checkbox"/> Construction <input type="checkbox"/> Non-Construction Preapplication <input type="checkbox"/> Construction <input type="checkbox"/> Non-Construction		3. DATE RECEIVED BY STATE	State Application Identifier
		4. DATE RECEIVED BY FEDERAL AGENCY	Federal Identifier CA 970008 / 9264130 21C
5. APPLICANT INFORMATION			
Legal Name: AMD&ART, Inc., N.P.		Organizational Unit: N/A	
Address (give city, county, State, and zip code): 411 Third Avenue Johnstown PA 15906		Name and telephone number of person to be contacted on matters involving this application (give area code): (814) 539-5357 Ellen Micoli, AMD&ART Co. Coordinator	
6. EMPLOYER IDENTIFICATION NUMBER (EIN): 25-1814169		7. TYPE OF APPLICANT: (enter appropriate letter in box) N	
8. TYPE OF APPLICATION: <input type="checkbox"/> New <input type="checkbox"/> Continuation <input checked="" type="checkbox"/> Revision If Revision, enter appropriate letter(s) in box(es) <input checked="" type="checkbox"/> A <input type="checkbox"/> B A. Increase Award B. Decrease Award C. Increase Duration D. Decrease Duration Other (specify):		A. State H. Independent School Dist. B. County I. State Controlled Institution of Higher Learning C. Municipal J. Private University D. Township K. Indian Tribe E. Interstate L. Individual F. Intermunicipal M. Profit Organization G. Special District N. Other (Specify) non-profit	
		9. NAME OF FEDERAL AGENCY: U.S. Office of Surface Mining	
10. CATALOG OF FEDERAL DOMESTIC ASSISTANCE NUMBER: 15-253		11. DESCRIPTIVE TITLE OF APPLICANT'S PROJECT: Acid mine drainage remediation system within community - designed "remediation park"	
12. AREAS AFFECTED BY PROJECT (Cities, Counties, States, etc.): Blacklick Creek Watershed, Vintondale, PA (Cambria and Indiana Counties)			
13. PROPOSED PROJECT		14. CONGRESSIONAL DISTRICTS OF:	
Start Date Aug 1999	Ending Date Aug 2001	a. Applicant 12th	b. Project 12th
15. ESTIMATED FUNDING:		16. IS APPLICATION SUBJECT TO REVIEW BY STATE EXECUTIVE ORDER 12372 PROCESS?	
a. Federal	\$ 80,000	a. YES. THIS PREAPPLICATION/APPLICATION WAS MADE AVAILABLE TO THE STATE EXECUTIVE ORDER 12372 PROCESS FOR REVIEW ON: DATE _____ b. No. <input type="checkbox"/> PROGRAM IS NOT COVERED BY E. O. 12372 <input type="checkbox"/> OR PROGRAM HAS NOT BEEN SELECTED BY STATE FOR REVIEW	
b. Applicant	\$ 19,500		
c. State	\$ 97,000		
d. Local	\$ 20,000		
e. Other	\$ 80,200		
f. Program Income	\$ 0		
g. TOTAL	\$ 296,700	17. IS THE APPLICANT DELINQUENT ON ANY FEDERAL DEBT? <input type="checkbox"/> Yes If "Yes," attach an explanation. <input checked="" type="checkbox"/> No	
18. TO THE BEST OF MY KNOWLEDGE AND BELIEF, ALL DATA IN THIS APPLICATION/PREAPPLICATION ARE TRUE AND CORRECT, THE DOCUMENT HAS BEEN DULY AUTHORIZED BY THE GOVERNING BODY OF THE APPLICANT AND THE APPLICANT WILL COMPLY WITH THE ATTACHED ASSURANCES IF THE ASSISTANCE IS AWARDED.			
a. Type Name of Authorized Representative Jeanne Gleason		b. Title President	c. Telephone Number (814) 539-5357
d. Signature of Authorized Representative Jeanne Gleason		e. Date Signed 22 May 2000	
Previous Edition Usable		Standard Form 424 (Rev. 7-97)	
Authorized for Local Reproduction		Prescribed by OMB Circular A-102	

BUDGET INFORMATION - Construction Programs

Project Activity/Costs	OSM Funding	Partners In-Kind Contribution	Non-Federal Partners Funding	Other Federal Agency Funding	Total Cost
1. Administrative	\$4,000	--	--	\$15,000	\$19,000
1. Design		\$19,500	\$1,000	\$16,200	\$36,700
2. Construction	\$71,000	\$5,000	\$82,000	\$35,000	\$193,000
3. Project Inspection/monitoring	\$5,000	--	--	\$3,000	\$8,000
4. Other major costs (Itemize)					
LAND	--	\$15,000	--	--	\$15,000
MAINTENANCE FUND	--	--	\$25,000	--	\$25,000
5. TOTAL PROJECT COSTS	\$80,000	\$39,500	\$108,000	\$69,200	\$296,700