

AMD&ART

Creating Community Assets

c/o The BOTTLEWORKS
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April 6, 1999

Ms. Mary Navarro
Program Officer, Arts and Culture Program

Ms. Melissa Crawford
Program Associate, Environment Program

The Heinz Endowments
30 CNG Tower
625 Liberty Avenue
Pittsburgh, PA 15222

Dear Ms. Navarro and Ms. Crawford:

In 1995, The Heinz Endowment provided crucial seed money to Acid Mine Drainage & Art (AMD&ART), an innovative environmental remediation and community revitalization project in Southwestern Pennsylvania. Four years later, AMD&ART has successfully partnered with small communities, watershed organizations, heritage groups, arts alliances, and local, state and federal agencies to shift regional approaches to the clean-up of Appalachia's worst environmental problem: acid mine drainage (AMD). Due to the interdisciplinary methods applied by AMD&ART and the partnerships they have fostered, we have garnered much of the public and private funding necessary to launch our pilot site in Vintondale, PA (Cambria County) late this spring. We now return to the Heinz Endowments to request funding that will enable us to bring this first project to fruition. By renewing our partnership at this critical juncture we can realize our vision -- to reclaim our polluted watersheds and re-energize dispirited communities with beautiful places of memory and healing.

AMD&ART is a three-site national demonstration project that brings nationally-recognized landscape artists/architects, AMD scientists, and public historians together with community members to explore the aesthetic, recreational and interpretive possibilities that can enhance the innately beautiful components of passive AMD treatment systems. The resulting "remediation park" designs have already changed perceptions about what AMD treatment can be, spurring professionals to broaden their focus beyond the technical concerns of water treatment, and inspiring local residents to transform this century-old liability into a community asset. Currently, AMD&ART is working with three locations in Cambria and

Somerset Counties; ultimately we hope to introduce our approach to towns throughout the Appalachian coal belt.

The excitement and commitment to this project is most visible among the residents of Vintondale, with whom AMD&ART has worked since 1995. Our public design meetings gathered over ten percent of Vintondale's population, and enthusiasm is high. Last year the Borough donated 20 acres of land—one of its only assets—to the project, while the town's volunteer firemen and high school students worked with AMD&ART to build picnic tables and plant trees in the park which will overlook the site. In a town where over 60% of families with children live in poverty, and economic prosperity evaporated with the failure of the local coal industry, this important public space will recapture a proud past and predicate a bright future for this region.

With a design that blends together the diverse aspects of the necessary scientific engineering, the introspective eye of the artist, the echo of the industrial legacy in which this region is steeped, and the voice of residents, AMD&ART will commence construction of our pilot project at Vintondale late this spring. Our committed partners who are funding the construction of the treatment system and wetlands:

US EPA Sustainable Development Grant	\$55,000
Pennsylvania Department of Transportation	\$87,000
Pennsylvania Department of Conservation and Natural Resources, Small Communities Recreation Grant	\$20,000
Western Pennsylvania Watershed Protection Program	\$10,000
Pennsylvania Department of Environmental Protection, Watershed Conservation Office	\$10,000
U.S. Forestry Service	\$10,000
Borough of Vintondale in-kind land donation	\$15,000
Pennsylvania Council on the Arts	\$1,000
<hr/> TOTAL	<hr/> \$208,000

AMD&ART can build this basic treatment system and wetlands with monies now available. But there is more to do. AMD&ART seeks to create places that speak to the human spirit and examine the processes that underlie public commitment and stewardship, through a project which restores health to a place that has been environmentally wasted for nearly a century. We challenge the belief that treatment systems should be hidden away, inaccessible to the public, in part because we as a society are ashamed of the environmental consequences of our past. Funding from the Heinz Endowments can transform this site into a "living artwork" that is nationally important as public art, while at the same time holding broad import as one of the few on-site, open-air industrial heritage "parks" in the country – one that actually fixes an environmental problem. Bound by these interdisciplinary threads, Vintondale will be an educational experience for visitors and

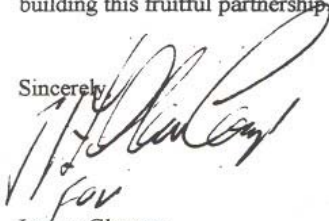
residents in a region where this environmental blight is deeply internalized but poorly understood and seldom challenged.

To complete this remediation park, AMD&ART requests that Heinz contribute \$188,000 to Vintondale. Your assistance means the difference between the treatment of a small discharge and the creation of a *place*. With your help, we can realize our goal to redefine the philosophy behind treatment design, using the language of art within the context of science to reclaim places of history and rejuvenate communities.

What we accomplish at Vintondale will be important—not only for the environment, but for communities like Vintondale throughout Appalachia that are desperately seeking solutions to overwhelming problems. AMD&ART is not the only answer, but the positive results that we have seen already in this region suggest that it is a start. We need your help.

Thank you for your attention. I will call your office on the morning of May 20 to set up a meeting between our Vintondale Team and the Heinz Endowments. We look forward to building this fruitful partnership.

Sincerely,



JG
Jeanne Gleason
President
AMD&ART

Enc:

VINTONDALE FUNDING

Currently, AMD&ART has the following funding on the table:

Wetlands

\$87,000 committed wetlands construction from PennDOT wetlands mitigation program

\$10,000 committed wetlands from the Western Pennsylvania Watershed Protection Program

\$10,000 wetlands construction funding from the Pennsylvania Department of Environmental Protection

Treatment System

\$55,000 committed design/construction funding from the EPA

Recreation Park

\$20,000 committed Department of Conservation and Natural Resources Small Community Grants Recreation Program

\$5,000 committed recreation/vegetation from the U.S. Forestry Service

Other

\$15,000 committed in-kind land donation from the Borough of Vintondale

\$1,000 committed from the Pennsylvania Council on the Arts

\$203,000 TOTAL

Funding currently in application process:

\$50,000 *Save America's Treasures* historical interpretation grant

\$28,000 River Network grant for operations

\$98,000 TOTAL

Funding which AMD&ART will pursue in 1999/2000:

\$5,000 from the U.S. Forestry Service for design elements (vegetation)

\$80,000 for bridge construction from the PA Department of Forestry

\$100,000 for baseball field/recreation park construction

\$10,000 for interpretive planning from the National Endowment for the Humanities

\$10,000 for humanities programming from the Pennsylvania Council on the Humanities

\$205,000 POTENTIAL

ART BUDGET

Planting: Estimated Prices for Materials Only; Installation Costs NOT Included			
LITMUS GARDEN			
Total Trees @ minimum 1 ½"-2" caliper	250	\$100 ea.	\$25,000
Total Shrubs @ minimum 16-24" height	590	\$20 ea.	\$12,000
BRACKEN RUN PICNIC AREA			
River Birch Arc 8-10' height single and multi-stem	50	\$80 ea.	\$4,000
YELLOW BOY CHANNEL			
Aspen Path whips	500	\$4 ea.	\$2,000
RELEASE CHANNEL			
Plant Allowance			\$3,000
WILDLIFE PATH UPLANDS			
Total Trees @ Minimum 1 ½"-2" caliper	500	\$100 ea.	\$5,000
Total Shrubs @ Minimum 18-24" height	100	\$20 ea.	\$2,000
WILDLIFE PATH			
Total Shrubs	2,000	\$20 ea.	\$4,000
CONTOUR DELINEATION			
Hydroseeding		LUMP SUM	\$8,000
SOIL AMENDMENTS			
Topsoil	60 tons	\$24 ton	\$1,440
Mulch	30 tons	\$18 ton	\$540
		PLANTING SUBTOTAL	\$66,980

Limestone: Materials Only; Installation NOT Included			
AMD TREATMENT PONDS BASINS + SPILLWAYS			
Blocks for Aerating Steps		Spillways 3 + 5 (2 lengths @ 12' wide X 6' ht = 144 sf)	\$3,000
Slabs for Laminar Flow		Spillways 2 + 4 (12' X 12' = 144 sf)	\$3,000
Crusher run for spill/pathways		9,500 lf X 4" width = 9,000 cy	\$12,620
MINESTONES			
Slabs for History/Science Inscriptions	7 Slabs @ 2' X 4' = 58 sf		\$5,000

RELEASE CHANNEL			
Blocks for Serating Steps	12 lf X 6" ht = 72 sf		1,500

	LIMESTONE SUBTOTAL ESTIMATE		\$25,120
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Metal

Grating for Bridges at Laminar Spillways	5 @ 12' X 4'	\$200 ea	\$1,000
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	2 @ 12' X 6'	\$250 ea	\$500
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Discharge Pipeline	800 lf		\$4,000
Pipe for Acid Basin + Spillway 6	8 lengths @ 10' = 80 lf		\$400

Mine No. 6 Miner's Memorial Opening			\$5,000
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	METAL SUBTOTAL ESTIMATE		\$10,900
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Monitors + Signage

pH Monitors @ Spillways + Release

Text on Discharge Pipeline and Bridge
 Text @ Acid Basin
 Text @ No. 6 Opening
 Release Channel

	LUMP SUM	\$15,000
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SANBORN MEMORY MOSAIC

Materials	LUMP SUM	\$10,000
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PERSONNEL

Stacy Levy	\$15,000	
Julie Bargmann	\$15,000	
AMD&ART Administration	\$30,000	
	TOTAL PERSONNEL	\$60,000

TOTAL ART BUDGET		\$188,000
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TREATMENT SYSTEM BUDGET

Earth Moving/Stone Placement/Pipe Installation			
Acid Basin			
Moved by Pans	3,200 cu yd	.90/cu yd	\$2,880
Moved by Dozer	200	.60	\$200
SAPS/Settling			
Moved by Dozer	1,100	.60	\$6,600
Clarification Marsh			
Moved by Dozer	35,000	.60	\$21,000
Emergent Wetland			
Moved by Dozer	25,000	.60	\$15,000
	TOTAL EARTHMOVING		\$45,600
HYDROSEEDING			
Hydroseeding		Total 10 acres	\$4,500
COMPOST			
Wetland/SAPS	617 tons	\$24/ton	\$14,808
Clarification Marsh	1613	\$24	\$38,712
Emergent Wetland	807	\$24	\$19,368
	TOTAL COMPOST		\$72,888
STONE			
Acid Basin			
Rip Rap	50 tons	\$9/ton	\$450
Pipe Bedding	25	\$9/ton	\$225
SAPS/Settling			
Reactive Limestone	2,028	\$10.5/ton	\$21,294
Rip Rap	50	\$9/ton	\$450
Clarification Marsh			
Rip Rap	50	\$9/ton	\$450
Pipe Bedding	25	\$9/ton	\$225
Emergent Wetland			
Rip Rap	50	\$9/ton	\$450
Pipe Bedding	25	\$9/ton	\$225
	TOTAL STONE		\$23,769
PIPE			

Acid Basin 8" PVC	1,000 ft	\$10/ft	\$10,000
SAPS/Settling 8" PVC	200 ft	\$10/ft	\$2,000
4" PVC	1,150 ft	\$3/ft	\$3,450
Clarification Marsh 8" PVC	100 ft	\$10/ft	\$1,000
TOTAL PIPE			\$16,450

NURSERY STOCK

Acid Basin	\$5800	
SAPS/Settling	\$0	
Clarification Marsh	\$400	
Emergent Wetland	\$320	
TOTAL PLANTING		\$1,520

ENGINEERING SERVICES

GP-5 and GP-8 (permits)	\$3,000	
Construction Drawings	\$3,200	
Site Layout	\$800	
Construction Mgmt.	\$3,000	
TOTAL ENGR. SVCS.		\$10,000

LAND

Land Donation	\$15,000	
TOTAL LAND		\$15,000

TOTAL TREATMENT SYSTEM BUDGET	\$188,697
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VIRA I. HEINZ ENDOWMENT

CHAIRMAN · JAMES M. WALTON

November 5, 1999

Ms. Jeanne Gleason, Chair
AMD & Art, Inc.
c/o The Bottleworks
411 Third Avenue
Johnstown, PA 15906

Dear Ms. Gleason:

I am pleased to inform you that the Board of Directors of the Vira I. Heinz Endowment has approved a grant to AMD & Art for \$50,000.00 as described in the accompanying Grant Agreement.

The Endowment's mission is to promote progress in economic opportunity, arts and culture, education, children, youth & families, and the environment. We seek to accomplish this goal by supporting organizations and programs that show promise for contributing to one or more of these program areas.

We believe that your project represents an important endeavor, and thank you for bringing it to our attention. On behalf of the Endowment's Board and staff, please accept our congratulations and best wishes for success.

Please sign, date and return the enclosed Grant Agreement that expresses the terms and conditions applicable to this grant.

Sincerely,



James M. Walton
Chairman

A6855 / JLS/cas
Enclosures