

EXHIBIT A



Environmental Stewardship/Watershed Protection Grant

Scope of Work

(Please Type or Print Legibly)

- 1. Project name: A Restoration Plan for Large Mine Discharges to Lower Chartiers Creek
- 2. Sponsor: Chartiers Nature Conservancy
- 3. Contact person and telephone number: John Hamm, 412 922 4171
- 4. Location: P.O. Box 44221, Pittsburgh, PA 15205

5. Briefly identify the specific goals and objectives of the project:

- 1) A restoration plan will be developed for discharges previously assessed for flow and chemistry
- 2) The highest priority project will be developed to a detailed conceptual basis that can be submitted to DEP or other funding agencies
- 3) the feasibility of using treated water in the lower Chartiers Creek watershed will be investigated

6. Expected measurable environmental results (i.e. acres reclaimed, feet of stream bank protected, miles of stream improved, individuals trained, etc.)

none for this phase of the project

7. Are any permits required to complete this project?  Yes  No

If yes, specify.

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8. Are any water samples to be collected?  Yes  No

If yes, identify:

a. Number of sample points 25 sampling points

b. Organization providing sampling personnel Hedin Environmental and Chartiers Nature Conservancy

c. Sample collection frequency three rounds of samples will be collected

d. Laboratory performing analyses G&C Laboratories

If acid mine drainage is present within the project area, water samples upstream and downstream of the drainage must be collected.

9. Are any property easements required?

No

Yes Agreement attached

Yes mail Agreement later

If Yes Agreement attached, please identify landowner(s) \_\_\_\_\_

If you are working on land you neither own or control, you will need to enter into an agreement similar to Exhibit D - Landowner-Sponsor Agreement and attach a copy of the signed agreement.

If agreement will be reached at a later date, please submit at that time.

10. Will subcontractors be utilized?  Yes  No

If yes, specify the name and work function of the subcontractor and their Federal ID# or describe the process by which they will be selected.

Hedin Environmental, 25-1756473

GAI Consultants, Inc. 25-1260999

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11. List project deliverables (i.e. report, brochure, wetlands construction, passive treatment, restoration plans, designs, Pennsylvania Stream ReLeaf data entry form, etc.):

• restoration plan for large deep mine discharges previously assessed

• detailed conceptual plan for the highest priority discharge;

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- mine water use investigation
  - Final Report
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Implementation Schedule (revised 5/05)

12. Work Schedule (Major tasks)	Completion Date
<u>Compile Background information</u>	<u>March, 2004</u>
<u>Identify Potential Treatment Plans</u>	<u>June, 2004</u>
<u>In Stream Sampling Completed</u>	<u>December, 2004</u>
<u>Evaluate Treatment Plan</u>	<u>January, 2005</u>
<u>Conceptual Treatment Plan/Priority Plan</u>	<u>March, 2005</u>
<u>1<sup>st</sup> Public Meeting</u>	<u>June, 2005</u>
<u>Water Use and Discharge Survey</u>	<u>July, 2005</u>
<u>Conceptual Treatment Plan at Priority Discharge</u>	<u>August, 2005</u>
<u>2nd Public Meeting</u>	<u>October, 2005</u>
<u>Final Report</u>	<u>December, 2005</u>

13. Project partners

- Chartiers Nature Conservancy
- South Fayette Conservation Group
- Hedin Environmental, Inc.
- GAI Consultants, Inc.
- Allegheny Land Trust