



ENVIRONMENTAL ASSESSMENT FORM (E.A. Form)

PART 1 - RESOURCE IDENTIFICATION

1. Indicate water resources which exist on the project site.

Name of streams(s) and/or body of water (including wetlands) Walker Run, Unnamed
Tributaries to Walker Run, North Branch Susquehanna River (NBSR), delineated wetlands, 5
ponds

Size of body of water (in acres) 162 total acres total

Wetland - If wetlands are present at the project site, provide the following information relative to the person(s) or organization performing the wetland identification, delineation and related work:

Paul Harmon and Robert Blye
Name

Normandeau Associates Environmental Consultants
Organization/Company

400 Old Reading Pike, Building A, Suite 101
Address

Stowe, PA 19464

Telephone

QUALIFICATIONS

Normandeau Associates has extensive experience in completing wetlands
delineations on many project sites. See the delineation report for additional
qualifications.

If wetlands are present, attach a copy of the wetland delineation report identified and labeled as **Enclosure A**. Include all field data sheets, denote the size (in acres) of the wetland. If this information details any physical information or features not shown in the "site plan" please attach additional plans which illustrate these features.

Enclosure A

PART 1 - RESOURCE IDENTIFICATION (continued)		YES	NO								
2. Is the site located within or adjacent to any of the following? Please mark either the "yes" or "no" column for each question.											
A. National, state or local park, forest or recreation area		<input checked="" type="checkbox"/>	<input type="checkbox"/>								
B. Natural, wild, or wilderness area		<input type="checkbox"/>	<input checked="" type="checkbox"/>								
C. National natural landmark		<input type="checkbox"/>	<input checked="" type="checkbox"/>								
D. National wildlife refuge, or Federal, state, local or private wildlife or plant sanctuaries		<input type="checkbox"/>	<input checked="" type="checkbox"/>								
E. State Game Lands		<input type="checkbox"/>	<input checked="" type="checkbox"/>								
F. Areas identified as prime farmland		<input checked="" type="checkbox"/>	<input type="checkbox"/>								
If not included in the permit application package, please attach a map (e.g. 1:2400 scale or greater) indicating the location of the project, all water resources and the features identified above. Label the map as <u>Enclosure B</u> .		ENCLOSURE B									
3. Is the water resource listed as stocked waters by the Pennsylvania Fish and Boat Commission?		<input checked="" type="checkbox"/>	<input type="checkbox"/>								
4. Is the water resource designated as a wild trout stream by the Pennsylvania Fish and Boat Commission?		<input checked="" type="checkbox"/>	<input type="checkbox"/>								
5. Is the water resource listed as High Quality or Exceptional Value in Title 25 Pa. Code Chapter 93?		<input type="checkbox"/>	<input checked="" type="checkbox"/>								
Indicate the stream classification found in Chapter 93. Classification <u>CWF (Walker Run); WWF (NBSR)</u>											
6. Is the water resource designated as a National Wild or Scenic River or as part of the Commonwealth's Scenic Rivers System or classified as priority 1-A for inclusion in the system?		<input type="checkbox"/>	<input checked="" type="checkbox"/>								
7. Is the water resource part of or located along a private or public water supply?		<input type="checkbox"/>	<input checked="" type="checkbox"/>								
(IF COMPLETING A SMALL PROJECT APPLICATION ADVANCE TO PART 3)											
8. Provide a written narrative, identified and labeled as " <u>Enclosure C - Description of Aquatic Habitat</u> ," discussing the following ecological functions:		E N C L O S U R E C									
A. Aquatic habitats including:											
(1) Food chain production											
(2) General habitat											
<table style="width: 100%; border: none;"> <tr> <td style="width: 50%;">a. Nesting</td> <td style="width: 50%;">e. Migration</td> </tr> <tr> <td>b. Spawning</td> <td>f. Feeding</td> </tr> <tr> <td>c. Rearing</td> <td>g. Escape Cover</td> </tr> <tr> <td>d. Resting</td> <td>h. Other</td> </tr> </table>				a. Nesting	e. Migration	b. Spawning	f. Feeding	c. Rearing	g. Escape Cover	d. Resting	h. Other
a. Nesting	e. Migration										
b. Spawning	f. Feeding										
c. Rearing	g. Escape Cover										
d. Resting	h. Other										
(3) Habitat for threatened and endangered plant and animal species (Discuss results of the Pennsylvania Natural Diversity Inventory (PNDI) form)											
(4) Environmental Study Areas											
<table style="width: 100%; border: none;"> <tr> <td style="width: 50%;">a. Sanctuaries</td> <td style="width: 50%;"></td> </tr> <tr> <td>b. Refuges</td> <td></td> </tr> </table>		a. Sanctuaries		b. Refuges							
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b. Refuges											
(5) If project proposes a stream relocation, a stream enclosure, or dredging, provide a description of the instream macroinvertebrate community.											

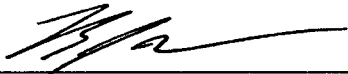
PART 1 - RESOURCE IDENTIFICATION (continued)		ENCLOSURE Description of Aquatic Habitat
B. Water Quantity and Streamflow		
(1) Natural drainage patterns		
(2) Flushing characteristics		
(3) Current patterns		
(4) Groundwater discharge for baseflow		
(5) Natural recharge area for ground and surface waters		
(6) Storm and floodwater storage and control		
C. Water Quality		
(1) Preventing Pollution		
(2) Sedimentation control and patterns		
(3) Salinity distribution		
(4) Natural water filtration		
D. Recreation		
(1) Game Species		
(2) Non Game Species		
(3) Fishing		
(4) Hiking		
(5) Observation (plant/wildlife)		
(6) Other		
E. Upstream and Downstream Property		
F. Other Environmental Factors Determined by Site Investigation		
PART 2 - PROJECT DESCRIPTION		ENCLOSURE D
9. <u>Project Impacts</u> For impacts to regulated waters of the Commonwealth, answer fully, completely and in detail the following questions; attach and label as <u>Enclosure D</u> .		
A. Discuss the impacts on:		
(1) National, state or local park, forest or recreation area		
(2) Natural, wild, or wilderness area		
(3) National, state, or local historic site		
(4) National natural landmark		
(5) National wildlife refuge		
(6) Cultural or archaeological landmarks		
(7) State Game Lands		

PART 2 - PROJECT DESCRIPTION (continued)		E N C L O S U R E D Project Impacts
(8)	Federal, state, local or private plant or wildlife sanctuaries	
(9)	Areas identified as prime farmland	
B. Discuss the environmental impacts on:		
(1)	Aquatic habitats including:	
a.	Food Chain production	
b.	General habitat	
(1)	Nesting	
(2)	Spawning	
(3)	Rearing	
(4)	Resting	
(5)	Migration	
(6)	Feeding	
(7)	Escape Cover	
(8)	Other	
c.	Habitat for threatened and endangered plant and animal species	
d.	Environmental Study Areas	
(1)	Sanctuaries	
(2)	Refuges	
(2)	Water Quantity and Streamflow	
a.	Natural drainage patterns	
b.	Flushing characteristics	
c.	Current patterns	
d.	Groundwater discharge for baseflow	
e.	Natural recharge area for ground and surface waters	
f.	Storm and floodwater storage and control	
(3)	Water Quality	
a.	Preventing Pollution	
b.	Sedimentation control and patterns	
c.	Salinity distribution	
d.	Natural water filtration	
(4)	Recreation	
a.	Game Species	
b.	Non Game Species	
c.	Fishing	
d.	Hiking	
e.	Observation (wildlife)	
f.	Other	
(5)	Upstream and downstream property	
(6)	Other Environmental Factors	

PART 2 - PROJECT DESCRIPTION (continued)	E N C L O S U R E D
C. Identify all environmental impacts on other adjacent land and water resources associated with the construction, modification or operation of the dam, reservoir, water obstruction, or encroachment in the area of the project.	
D. Identify and evaluate the potential cumulative environmental impacts of this project and other potential or existing projects like it, and the impacts that may result through numerous piecemeal changes to the resource.	
E. Identify and describe all other dams, water obstructions or encroachments which may or will be needed, in addition to those described in this Application, to fulfill the purpose of the current project.	

PART 3 - CERTIFICATION

I certify that the above statements, attachments including those labeled and identified as Enclosures, and all conclusions are true, correct, and based upon current environmental principles and science, to the best of my knowledge and belief.



Signature of Person Completing
the Environmental Assessment Form

Ben Ehrhart

4-29-11

Date

The Department may waive a specific information requirement in writing, at the request of the Applicant, during the pre-application review process if the Department determines that specific information is not necessary to review the application.