

State Of Maryland
2018 Bond Bill Fact Sheet

1. Senate LR #		House LR #		2. Name Of Project
lr2945	sb0643	lr2935	hb1200	Black Hill SEED Classroom
3. Senate Bill Sponsors				House Bill Sponsors
Feldman				Fraser-Hidalgo
4. Jurisdiction (County or Baltimore City)				5. Requested Amount
Montgomery County				\$250,000
6. Purpose of Bill				
the acquisition, planning, design, construction, repair, renovation, reconstruction, site improvement, and capital equipping of the Black Hill SEED Classroom building				
7. Matching Fund				
Requirements: Equal		Type: The matching fund may consist of real property, in kind contributions, or funds expended prior to the effective date of this Act.		
8. Special Provisions				
[<input type="checkbox"/>] Historical Easement		[<input checked="" type="checkbox"/>] Non-Sectarian		
9. Contact Name and Title			Contact Ph#	Email Address
Nina Aplebaum			301-495-2519	nina.aplebaum@montgomeryparks.org
10. Description and Purpose of Organization (Limit length to visible area)				
The Montgomery County Department of Parks is a key agency of the Maryland-National Capital Park and Planning Commission, the proud steward of over 35,000 acres of parkland, whose mission is to protect and interpret the county's valuable natural and cultural resources; balance the demand for recreation with the need for conservation; offer a variety of enjoyable recreational activities that encourage healthy lifestyles; and provide clean, safe, and accessible places for leisure-time activities. The Department's Horticulture, Forestry and Environmental Education Division is responsible for running the nature centers which offer a variety of interesting, educational, and fun programs for individuals (adults and children), families, and organized groups all year round. The Black Hill SEED Structure Project is in full support of this work.				

11. Description and Purpose of Project (Limit length to visible area)

Black Hill Visitor Center is in Boyds, MD, overlooking Little Seneca Lake in Black Hill Regional Park. The center is home to the Black Hill Nature Programs (BHP) and is a Maryland Green Center as certified by the Maryland Association of Environmental and Outdoor Educators. In 2017, BHP served approximately 45,000 students and visitors. The current dedicated education space for BHP is insufficient and the community surrounding BHP is growing dramatically. This project is the design, construction, and equipping of a SEED (Sustainable Education Every Day) classroom. A SEED classroom is a sustainable, net-zero energy, net-zero water, non-toxic, modular learning space. Naturalist staff will be able to incorporate STEM curriculum into programming based on the functions of the classroom. This building can educate and demonstrate how people can have a comfortable, beautiful space that doesn't hurt the environment!

Round all amounts to the nearest \$1,000. The totals in Items 12 (Estimated Capital Costs) and 13 (Proposed Funding Sources) must match. The proposed funding sources must not include the value of real property unless an equivalent value is shown under Estimated Capital Costs.

12. Estimated Capital Costs

Acquisition	
Design	\$110,000
Construction	\$505,000
Equipment	\$300,000
Total	\$915,000

13. Proposed Funding Sources - (List all funding sources and amounts.)

Black Hill SEED Classroom Bond Bill	\$250,000
CIP Minor New Construction (FY19-21)	\$500,000
Private Donations	\$165,000
Total	\$915,000

14. Project Schedule (Enter a date or one of the following in each box. N/A, TBD or Complete)			
Begin Design	Complete Design	Begin Construction	Complete Construction
July 2018	May 2019	May 2019	April 2020
15. Total Private Funds and Pledges Raised		16. Current Number of People Served Annually at Project Site	17. Number of People to be Served Annually After the Project is Complete
50000.00		45,000	50,000
18. Other State Capital Grants to Recipients in the Past 15 Years			
Legislative Session	Amount	Purpose	
2016	\$105,000	For the planning, design, construction, repair, renovation, acquisition, and/or maintenance of facilities, equipment, and/or services.	
2016	\$75,000	For the acquisition, planning, design, construction, repair, renovation, and/or maintenance of facilities, equipment, and/or services.	
2015	\$50,000	For the acquisition, planning, design, construction, repair, renovation, and/or maintenance of facilities, equipment, and/or services.	
2014	\$50,000	For the acquisition, planning, design, construction, repair, renovation, and/or maintenance of facilities, equipment, and/or services.	
19. Legal Name and Address of Grantee		Project Address (If Different)	
Maryland-National Capital Park and Planning Commission, Montgomery County Department of Parks 9500 Brunett Ave, Silver Spring, MD 20901		Black Hill Regional Park 20926 Lake Ridge Drive Boyds, Maryland 20841	
20. Legislative District in Which Project is Located		15 - Montgomery County	
21. Legal Status of Grantee (Please Check One)			
Local Govt.	For Profit	Non Profit	Federal
[X]	[]	[]	[]
22. Grantee Legal Representative		23. If Match Includes Real Property:	
Name:	Adrian Gardner	Has An Appraisal Been Done?	Yes/No
Phone:	301-495-2460		No
Address:		If Yes, List Appraisal Dates and Value	
Maryland-National Capital Park and Planning Commission Montgomery County Department of Parks 9500 Brunett Avenue Silver Spring, MD 20901 Attn: Nina Aplebaum, Grants Manager			

24. Impact of Project on Staffing and Operating Cost at Project Site			
Current # of Employees	Projected # of Employees	Current Operating Budget	Projected Operating Budget
10	11	535467.00	625467.00
25. Ownership of Property (Info Requested by Treasurer's Office for bond purposes)			
A. Will the grantee own or lease (pick one) the property to be improved?			Own
B. If owned, does the grantee plan to sell within 15 years?			No
C. Does the grantee intend to lease any portion of the property to others?			No
D. If property is owned by grantee any space is to be leased, provide the following:			
Lessee	Terms of Lease	Cost Covered by Lease	Square Footage Leased
N/A			
E. If property is leased by grantee - Provide the following:			
Name of Leaser	Length of Lease	Options to Renew	
N/A			
26. Building Square Footage:			
Current Space GSF			
Space to be Renovated GSF			
New GSF			

27. Year of Construction of Any Structures Proposed for Renovation, Restoration or Conversion**28. Comments**

As a Green Center, Black Hill Nature Programs (BHPN) provides support to schools in Montgomery and Frederick Counties as they work to become Maryland Green Schools. BHPN provides curriculum-based field trips, sustainable practices guidance, Green School application support, professional development for educators and more. This project is a revitalization of an existing, abandoned maintenance yard to meet the needs of a growing community in the Clarksburg area surrounding Black Hill Regional Park and the BHPN. The SEED classroom has features such as a composting toilet, rainwater collection and filtering living wall, and abundant natural day lighting, and it can meet the criteria of the Living Building Challenge, making it one of the greenest buildings on Earth.

The most powerful part of the SEED classroom is the learning opportunities for students that have been incorporated into the buildingthe SEED classroom itself is an educational tool. In addition to programming that will be specifically tied to the architecture, engineering, and functionality of the SEED classroom, numerous other programs and events will be held there as well. These include a three day-a-week Nature Preschool, nature-themed birthday parties, professional development trainings for teachers and non-formal educators, community meetings, native plant sale, and school groups. The old maintenance yard is a perfect site to host these programs because it is immediate to a greenhouse, hiking trails, and a large stream. The site is currently comprised of a paved area with one large mobile home trailer and storage and equipment sheds. As the SEED project progresses at least 50% of the impervious surface will be removed to make the site more natural and more environmentally friendly. The trailer and storage sheds will be removed and replaced with the SEED Classroom. The equipment shed will remain and be repurposed to become a covered area for educational break-out sessions. This site has storm water management issues and a wetland area will be created to address this problem. The wetland area and walkway will provide numerous learning opportunities for students and visitors.

As leaders in environmental education and sustainable planning, BHPN and Montgomery Parks should lead, educate, and inspire by example. Not only can a SEED building help us grow but it does so in a way that is healthy, holistic, and sustainable.