

Department of Conservation and Recreation
Dam Safety, Flood Prevention and Protection Assistance Fund
2019 Grant Summary to Soil and Water Conservation Board
Competitive Projects Recommended for Approval
May 22, 2019

Dam Safety Projects

<u>Count</u>	<u>Inventory No.</u>	<u>Dam Name</u>	<u>County</u>	<u>Project Type</u>	<u>Funding Recommendation</u>
1	009018	Winton Country Club Dam	Amherst County	Emergency Plan Development (EAP Emergency Action Plan or EPP Emergency Preparedness Plan)	3,400.00
2	009018	Winton Country Club Dam	Amherst County	Dam Break Inundation Zone Analysis, Mapping, and Digitization	8,350.00
3	041029	Woodland Pond	Chesterfield County	Dam Break Inundation Zone Analysis, Mapping, and Digitization	6,980.00
4	680005	Lakeland Dam	City of Lynchburg	Emergency Plan Development (EAP Emergency Action Plan or EPP Emergency Preparedness Plan)	3,000.00
5	680003	Lake Summit Dam	City of Lynchburg	Principal and/or Emergency Spillway and Repair/Replacement Plan	45,710.00
6	800013	Lake Meade Dam	City of Suffolk	Spillway Capacity or Overtopping Analysis	10,000.00
7	800013	Lake Meade Dam	City of Suffolk	Alternatives Analysis for Spillway Capacity and Stability	10,000.00
8	800013	Lake Meade Dam	City of Suffolk	Dam Break Inundation Zone Analysis, Mapping, and Digitization	30,000.00
9	075018	Westview Dam	Goochland County	Emergency Plan Development (EAP Emergency Action Plan or EPP Emergency Preparedness Plan)	3,400.00
10	075018	Westview Dam	Goochland County	Dam Break Inundation Zone Analysis, Mapping, and Digitization	9,000.00
11	085048	Charter Lake	Hanover County	Emergency Plan Development (EAP Emergency Action Plan or EPP Emergency Preparedness Plan)	3,125.00
12	095002	Horne's Lake Dam	James City County	Emergency Plan Development (EAP Emergency Action Plan or EPP Emergency Preparedness Plan)	2,875.00
13	107039	Brambleton Land Bay 3 Pond	Loudoun County	Dam Primary Mechanical Flow Control Evaluation and Repair Plan (Valves, Siphons, etc.) Dam or Lake Drain/Low Level Outlet Analysis and Repair Plan	4,000.00
14	107039	Brambleton Land Bay 3 Pond	Loudoun County	Principal and/or Emergency Spillway and Repair/Replacement Plan	4,750.00
15	107063	Richmond Square Dam	Loudoun County	Alternatives Analysis for Spillway Capacity and Stability	5,000.00

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16	107063	Richmond Square Dam	Loudoun County	Geotechnical Investigation and/or Structural Analysis for Dam/Spillway Stability	7,500.00
17	107063	Richmond Square Dam	Loudoun County	Emergency Plan Development (EAP Emergency Action Plan or EPP Emergency Preparedness Plan)	9,250.00
18	107039	Brambleton Land Bay 3 Pond	Loudoun County	Dam Break Inundation Zone Analysis, Mapping, and Digitization	15,000.00
19	107063	Richmond Square Dam	Loudoun County	Dam Break Inundation Zone Analysis, Mapping, and Digitization	18,250.00
20	143021	Brushy Mountain Dam	Pittsylvania County	Probable Maximum Precipitation Impact Analysis and Certification	500.00
21	143021	Brushy Mountain Dam	Pittsylvania County	Principal and/or Emergency Spillway and Repair/Replacement Plan	2,350.00
22	145005	Upper Byers Dam	Powhatan County	Probable Maximum Precipitation Impact Analysis and Certification	1,140.00
23	147035	Bush River Dam # 12	Prince Edward County	Probable Maximum Precipitation Impact Analysis and Certification	500.00
24	147042	Poplar Hill Dam	Prince Edward County	Emergency Plan Development (EAP Emergency Action Plan or EPP Emergency Preparedness Plan)	3,400.00
25	147035	Bush River Dam # 12	Prince Edward County	Spillway Capacity or Overtopping Analysis	4,000.00
26	147042	Poplar Hill Dam	Prince Edward County	Dam Break Inundation Zone Analysis, Mapping, and Digitization	11,250.00
27	155009	Gatewood Dam	Pulaski County	Probable Maximum Precipitation Impact Analysis and Certification	1,000.00
28	155009	Gatewood Dam	Pulaski County	Dam Primary Mechanical Flow Control Evaluation and Repair Plan (Valves, Siphons, etc.) Dam or Lake Drain/Low Level Outlet Analysis and Repair Plan	7,500.00
29	155009	Gatewood Dam	Pulaski County	Analyses and Repair/Replacement of Erosion or Deteriorated Appurtenant Structures	10,000.00
30	155009	Gatewood Dam	Pulaski County	Geotechnical Investigation and/or Structural Analysis for Dam/Spillway Stability	25,000.00
31	163006	Cold Sulpher Springs Dam	Rockbridge County	Dam Break Inundation Zone Analysis, Mapping, and Digitization	6,400.00
32	165012	Massanutten Dam	Rockingham County	Analyses and Repair/Replacement of Erosion or Deteriorated Appurtenant Structures	11,000.00
33	177007	Wilderness Dam	Spotsylvania County	Dam Graded Filter Drains, Toe Drains, Drainpipes and/or /Underdrain Analysis and Plan	600.00
34	177018	Indian Acres Dam	Spotsylvania County	Geotechnical Investigation and/or Structural Analysis for Dam/Spillway Stability	14,398.87
35	179018	Walden Ten No. 1	Stafford County	Principal and/or Emergency Spillway and Repair/Replacement Plan	7,500.00

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36	179008	Kennedy Dam	Stafford County	Principal and/or Emergency Spillway and Repair/Replacement Plan	25,563.63
37	199003	Waller Mill Dam	York County	Probable Maximum Precipitation Impact Analysis and Certification	3,750.00
Dam Safety Projects Recommended for Approval					335,442.50

Flood Prevention and Protection Assistance Projects

<u>Count</u>	<u>Community ID No.</u>	<u>Community Name</u>	<u>Locality</u>	<u>Project Type</u>	<u>Funding Recommendation</u>
1	CID510048B,510071,510082B,510304B,510096,510098B	Middle Peninsula Planning District Commission	Middle Peninsula Planning District Commission	Creating tools or applications to identify, aggregate, or display information on flood risk.	28,172.63
2	CID510119	Prince William County	Town of Woodbridge	Developing flood warning and response systems, which may include gauge installation, to notify residents of potential emergency flooding events.	80,000.00
3	CID510025	Town of Grundy	Town of Grundy	Conducting hydrologic and hydraulic studies of floodplains. Applicants who create new maps must apply for a Letter of Map Revision or a Physical Map Revision through the Federal Emergency Management Agency (FEMA).	125,000.00
Flood Prevention and Protection Assistance Projects Recommended for Approval					233,172.63

Total All Projects Recommended for Approval 568,615.13

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2019 Appropriated Projects Summary to Soil and Water Conservation Board
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<u>Inventory No.</u>	<u>Dam Name</u>	<u>County</u>	<u>Project Type</u>	<u>Appropriation</u>
680002	College Lake Dam	City of Lynchburg	College Lake Dam Repair and Stream Restoration Project	5,000,000.00
143003	Cherrystone Creek Dam/Roaring Fork Lake Dam	County of Pittsylvania	Hire independent engineering firm to conduct a study to find less costly solution for rehabilitation	100,000.00
			Total Appropriated Projects for Approval	5,100,000.00