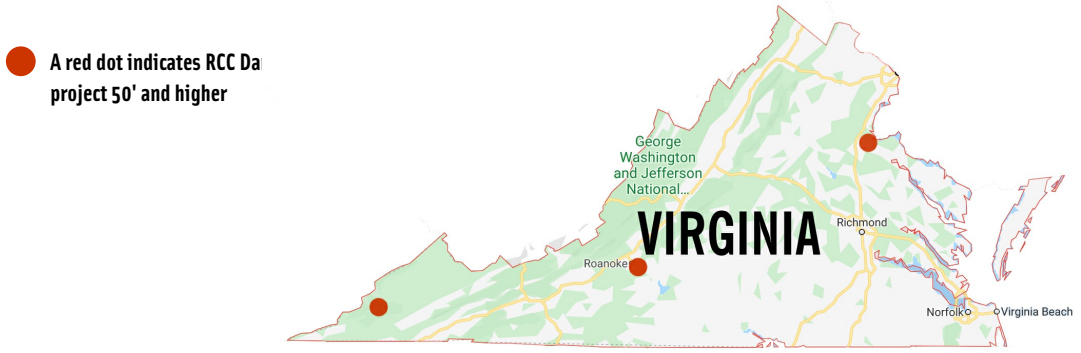
PCA Since 1916
America's Cement Manufacturers™

WATER RESOURCES PROJECTS
VIRGINIA

Roller compacted concrete (RCC) has been used to construct large dams (dams over 50 feet high) in the United States since the first one was constructed in the early 1980's. Progess in design and construction over the ensuing decades have solidified RCC as an economical and resilient method to build large dams. See below for examples of successful large dam projects that have been completed in the state. Learn more by visiting PCA's Dams Page.



Name	City	Date	Max Height (ft.)	Length (ft.)	RCC Volume (cy)	Cement (lb/cy)	Flyash (lb/cy)	Upstream Facing	Total Project Cost ($ Millions) (2)	RCC Unit Cost ($/cy) (2,3)	Owner	Designer	Contractor	River
Clifford D. Craig (formerly Spring Hollow)	Roanoke	1993	240	970	310,000	90	90	Precast Concrete Panels w/ Internal Liner	20.3	30.00	Roanoke County	Hayes, Seay, Mattern, Mattern	PCL Civil Constructors, Inc.	Mill Branch
Hunting Run	Fredericksburg	2001	89	2,400	136,000	135	69	Precast Concrete Panels w/ Internal Liner	27.5	36.03	Spotsylvania County	Gannett-Fleming, Inc.	ASI-RCC, Inc.	Hunting Run
Big Cherry	Big Stone Gap	2005	82	370	13,800	113	113	Formed Conventional Unreinforced Concrete	6	100.06	Town of Big Stone Gap	Dewberry & Davis, GEI Consultants & Kleinfelder	Estes Brothers Construction	South Fork, Powell River

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Notes:	
1.	The information contained herein was compiled by the Portland Cement Association and published for informational purposes only. The user of this information is responsible for confirming the accuracy or completeness of the information.
2.	Cost information shown is nominal.
3.	RCC unit costs do not include mobilization costs.