

SITE RATINGS & RANKINGS

RATING SYSTEM

- 1-5 RATINGS ASSIGNED BASED ON THE RANGE OF DATA FOR EACH CRITERIA
- 1 BEST RATING
- 5 WORST RATING

RANKINGS

- 1 – 3 BASED ON THE RATING RESULTS
- 1 BEST SITE
- 3 WORST SITE

WATER QUALITY RATINGS

	Depth (feet)	Rating	Ranking
Indian Branch Lower	78	5	3
Indian Branch Upper	85	4	2
Indian Creek	96	1	1

STREAM FLOW IMPACTS

- GIVEN THE SMALL SIZES OF THE AFFECTED WATERSHED, IMPACTS WOULD BE SIMILAR FOR ALL ALTERNATIVES AND STREAM FLOWS DOWNSTREAM FROM THE RESERVOIR WOULD RECOVER SUBSTANTIALLY WITHIN A RELATIVELY SHORT DISTANCE
- IMPACTS ARE MINIMAL DURING DRY, WET AND AVERAGE YEARS

STREAM AND WETLAND RATINGS

	Streams			Wetlands		
	Impacts (linear ft)	Rating	Ranking	Impacts (acres)	Rating	Ranking
Indian Branch Lower	38,277	3	2	34.48	5	3
Indian Branch Upper	33,472	1	1	19.44	2	2
Indian Creek	43,831	5	3	12.91	1	1

THREATENED AND ENDANGERED SPECIES RATINGS

	<u>Primary Impacts</u>	<u>Secondary Impacts</u>		
	Federally Listed Threatened and Endangered Species	State Species		
		Occurrences within a 3- mile radius	Occurrences within normal pool	Ranking
Indian Branch Lower	None	7	1	2
Indian Branch Upper	None	9	1	3
Indian Creek	None	6	0	1

CULTURAL RESOURCE RATINGS

	Rating		
	Upper Indian Branch	Lower Indian Branch	Indian Creek
Sites on National Register of Historic Places	1	1	1
State-Recognized Archeological Sites	1	5	3
State-Recognized Historic Structures	1	1	1
Civil War Features	1	1	1
Historic Structures on Maps and Aerial Photos	3	5	1
Historic Complexes on Maps and Aerial Photos	4	5	1
Cemeteries	1	1	1
TOTAL Rating	12	19	9
Ranking	2	3	1

HUMAN ENVIRONMENT RATINGS

	Roads		Utilities		Structures		Total Rating	Ranking
	(mi)	Rating	(ft.)	Rating	(approx. count)	Rating		
Indian Branch Lower	0.92	5	0	1	21	5	11	2
Indian Branch Upper	1.01	5	0	1	25	5	11	2
Indian Creek	0.36	1	160	5	0	1	7	1

COST RATINGS

	Dam and Spillway		Land Acquisition		Diversion Pipeline		Total Rating	Ranking
	(\$mill)	Rating	(acres)	Rating	(miles)	Rating		
Indian Branch Lower	\$54.1	5	680	5	5.5	1	11	3
Indian Branch Upper	\$46.2	2	590	3	6.3	2	7	1
Indian Creek	\$42.3	1	480	1	9.3	5	7	1

FINAL RANKINGS

Category Rankings										Total Ranking
	Water Quality	Stream Flow	Stream Impacts	Wetland Impacts	T&E Species	State Species	Cultural Resc.	Human Enviro.	Cost	
Indian Branch Lower	3	Minimal	2	3	None	2	3	2	3	18
Indian Branch Upper	2	Minimal	1	2	None	3	2	2	1	13
Indian Creek	1	Minimal	3	1	None	1	1	1	1	9