

BIG SANDY FLY ASH RESERVOIR CLOSURE - RECONCILIATION OF CHARTER AND REVISED ESTIMATES

Item No.	Description	Charter Estimate	Revised Estimate	Estimate Change	Notes & Assumptions
01 00	GENERAL CONDITIONS	\$3,250,000	\$4,493,764	\$1,243,764	QA/QC added
02 10	CLEARING & GRUBBING	\$540,000	\$855,751	\$315,751	
03 00	STRIPPING TOPSOIL	\$698,252	\$2,189,275	\$1,491,023	Greater limits of disturbance for borrow areas
04 00	EXCAVATION	\$35,299,761	\$11,452,453	-\$23,847,308	V-channel design requires less excavation
05 00	FOUNDATION PREPARATION	\$0	\$252,278	\$252,278	
06 00	FILL	\$22,095,482	\$5,115,613	-\$16,979,869	V-channel design requires less fill
07 00	EROSION & SEDIMENT CONTROL	\$1,686,126	\$4,270,174	\$2,584,048	Greater limits of disturbance around entire site
08 00	DRAINAGE SYSTEM	\$0	\$678,910	\$678,910	
09 00	ROADS & PARKING AREA	\$1,029,000	\$1,394,714	\$365,714	
10 00	CHAIN LINK FENCE	\$0	\$79,722	\$79,722	
11 00	PILING	\$0	\$0	\$0	Not used
12 00	STRUCTURAL CONCRETE	\$0	\$1,409,915	\$1,409,915	Dam modification
13 00	GEOTEXTILES	\$0	\$89,969	\$89,969	
22 00	INSTRUMENTATION	\$0	\$239,859	\$239,859	
26 00	GEOMEMBRANE	\$0	\$9,460,110	\$9,460,110	Added Liner, Geocomposite & Separation Layer
30 00	MISCELLANEOUS STRUCTURES	\$0	\$414,333	\$414,333	
36 00	DEMOLITION, REMOVALS AND ALTERATIONS	\$0	\$325,912	\$325,912	
	CONTRACT AMOUNT (OVERNIGHT COST)	\$64,598,621	\$42,722,753	(\$21,875,868)	
99 10	Project Management, Engineering & Construction (PMEC)	\$5,300,000	\$2,850,000	-\$2,450,000	Refinement of charter estimate
99 20	Mitigation of Stream Impacts	\$0	\$4,200,000	\$4,200,000	Purchase 5600 credits from area mitigation bank.
99 30	Mitigation of Bat Impacts	\$0	\$159,000	\$159,000	KY DF&W
99 40	Borrow Material Processing & Handling	\$0	\$5,115,000	\$5,115,000	308,000 CY (Processing & Stockpiling)
99 50	Contingency for Construction	\$19,379,586	\$4,100,000	-\$15,279,586	Contingency reduced with completion of engineering
99 60	Post Closure Care & Monitoring	\$0	\$3,180,000	\$3,180,000	30 Years
99 70	QA/QC Consultant	\$3,229,931	\$0	-\$3,229,931	QA/QC removed & incorporated into general conditions
99 80		\$0	\$0	\$0	
	OWNER ADDITIONS	\$27,909,517	\$19,604,000	-\$8,305,517	
	BUDGET AMOUNT	\$92,508,138	\$62,326,753	-\$30,181,385	Overall refinement of charter estimate