

ATTACHMENT C
TABLE 1
CLOSURE TASK BREAKDOWN
PINEY POINT - ITN 2005002C

Item	Closure Construction Element		Engineer's Estimate	CDM BAFO Estimate	CDM BAFO PRICE	Computed Unit Rate	CDM BAFO Unit Rate	
C1	ITEM C1. RESERVOIR SLOPE COVER (All 4 Ponds)							
	Soil Cover (NGS-N, OGS-S & OGS-N Lined Slopes)	cy	270,000	270,000	\$ 3,350,000	\$ 12.41	\$ 12.41	
	Soil Cover (NGS-S Lined Slopes - From C2)	cy	130,000	140,000	\$ 1,580,924	\$ 11.29	\$ 11.29	
	80-Mil HDPE Liner (Crest Roads)	sf	175,000	175000	\$ 120,000	\$ 0.69	\$ 0.69	
	Drain Composite (All 4 Ponds)	sy	85,000	85,000	\$ 816,000	\$ 9.60	\$ 9.60	
	Sodding NGS-N, OGS-S & OGS-N Slope Cover	ac	40	40	\$ 351,700	\$ 8,792.50	\$ 8,792.50	
	Sodding NGS-S Slope Cover (From C2)	ac	18	18	\$ 158,300	\$ 8,794.44	\$ 8,794.44	
	Seed or Sod (Soil Crest Cover)	ac	4	4	\$ 9,400	\$ 2,350.00	\$ 2,350.00	
	Other Ancillary	lump	lump	lump	\$ 68,000	-		
TOTAL ITEM C1								
\$ 6,454,324								
C2	ITEM C2. PHASE III - NGS-S COMPARTMENT							
	Task C2a. NGS-S Reservoir (2005)							
	Sludge Excavation	cy	5,000	5,000	\$ 44,000	\$ 8.80	\$ 8.80	
	Gypsum Fill	cy	380,000	373,740	\$ 2,232,530	\$ 5.97	\$ 5.97	
	80-Mil HDPE Liner	sf	3,000,000	3,000,000	\$ 2,054,000	\$ 0.685	\$ 0.68	
	Soil Cover	cy	3,000	3,000	\$ 33,877	\$ 11.29	\$ 11.29	
	Seed or Sod (West Dike Crest Road)	ac	1	1	\$ 2,342	\$ 2,341.67	\$ 2,341.67	
	Outlet Structure	lump	lump	lump	\$ 10,000	-	-	Total Task C2a
	Other Ancillary	lump	lump	lump	\$ 342,349	-	-	\$ 4,719,097.42
	(Note: Soil cover and associated drain composite and sodding were moved from Item C2 to Item C1)							
	Task C2b. NGS-S Cap Area (2005)							
	Gypsum Fill	cy	5,000	5,000	\$ 29,867	\$ 5.97	\$ 5.97	
	40-Mil HDPE Liner	sf	500,000	500,000	\$ 198,000	\$ 0.396	\$ 0.40	
	Soil Cover	cy	25,000	37,725	\$ 426,003	\$ 11.29	\$ 11.29	
	Seed or Sod	ac	10.5	10.5	\$ 24,588	\$ 2,341.67	\$ 2,341.67	
	Outlet Structure	lump	lump	lump	\$ 10,000	-	-	Total Task C2b
	Other Ancillary	lump	lump	lump	\$ 53,851	-	-	\$ 742,308.50
	Task C2c. OGS Cap Areas (2005)							
	Gypsum Fill	cy	10,000	10,000	\$ 59,735	\$ 5.97	\$ 5.97	
	60-Mil HDPE Liner	sf	450,000	450,000	\$ 211,800	\$ 0.471	\$ 0.47	
	Soil Cover	cy	24,000	34,000	\$ 383,939	\$ 11.29	\$ 11.29	
	Seed or Sod	ac	7.5	7.5	\$ 17,563	\$ 2,341.67	\$ 2,341.67	
	Outlet Structures (2)	lump	lump	lump	\$ 6,000	-	-	Total Task C2c
	Other Ancillary	lump	lump	lump	\$ 53,114	-	-	\$ 732,150.11
	Task C2d. NGS-N Relief Ditch (2005)							
	Gypsum Fill	cy	5,000	5,000	\$ 29,867	\$ 5.97		
	60-Mil HDPE Liner	sf	300,000	300,000	\$ 141,200	\$ 0.471	\$ 0.47	
	Soil Cover	cy	18,000	22,578	\$ 254,958	\$ 11.29	\$ 11.29	
	Seed or Sod (Soil Cover)	ac	5	5	\$ 11,708	\$ 2,341.67	\$ 2,341.67	
	Amended Gypsum Grassing (From C3)	ac	10	10	\$ 66,636	\$ 6,663.64	\$ 6,663.64	
	Outlet Structure	lump	lump	lump	\$ 3,000	-	-	Total Task C2d
	Other Ancillary	lump	lump	lump	\$ 39,686	-	-	\$ 547,056.38
	Task C2e. Re-Closure of NGS-N Relief Ditch if Used for Disposal of Plant Scale (at FDEP's Option)							
	60-Mil HDPE Liner	sf	500,000	500,000	\$ 235,000	\$ 0.47	\$ 0.47	
	Soil Cover	cy	50,000	50,000	\$ 531,000	\$ 10.62	\$ 10.62	
	Sodding	ac	12	12	\$ 105,000	\$ 8,750.00	\$ 8,750.00	
	Outlet Structure Modification	lump	lump	lump	\$ 3,800		-	
	Gypsum Fill (Encapsulate Scale)	cy	75,000	75,000	\$ 273,000	\$ 3.64	\$ 3.64	
	Gypsum Borrow Area Work						-	
	Remove & Restore Soil Cover	cy	25,000	25,000	\$ 93,500	\$ 3.74	\$ 3.74	
	Remove & Replace 40-Mil Liner	sf	350,000	350,000	\$ 139,000	\$ 0.40	\$ 0.40	
	Restore Grass (Seed or Sod)	ac	8	8	\$ 18,400	\$ 2,300.00	\$ 2,300.00	Total Task C2e
	Other Ancillary	lump	lump	lump	\$ 14,300	-	-	\$ 1,413,000.00
TOTAL ITEM C2								
\$ 8,153,612.41								
C3	ITEM C3. STACK SLOPES AND DITCHES							
	Task C3a. Phase I Slopes - OGS (2005)							
	Gypsum Earthwork	cy	50,000	94,318	\$ 194,349	\$ 2.06	\$ 2.06	
	80-Mil HDPE Liner (Runoff Ditches)	sf	575,000	575,000	\$ 393,875	\$ 0.685	\$ 0.69	
	60-Mil HDPE Liner (Transfer Pond)	sf	130,000	130,000	\$ 61,286	\$ 0.471	\$ 0.47	
	Drains	lf	5,500	5,610	\$ 647,240	\$ 115.37	\$ 115.37	
	Soil Cover	cy	80,000	88,778	\$ 1,121,598	\$ 12.63	\$ 12.63	
	Soil Grassing							
	Seeding (Stormwater Ponds)	ac	3	3	\$ 7,031	\$ 2,343.75	\$ 2,343.75	
	Sodding (Runoff Ditches)	ac	13	13	\$ 114,263	\$ 8,789.47	\$ 8,789.47	
	Amended Gypsum Grassing	ac	23	23	\$ 153,264	\$ 6,663.64	\$ 6,663.64	Total Task C3a
	Other Ancillary	lump	lump	lump	\$ 97,241	-	-	\$ 2,790,147.05
	Task C3b. Phase II Slopes - NGS (2006)							
	Gypsum Earthwork	cy	50,000	94,319	\$ 194,351	\$ 2.06	\$ 2.06	
	80-Mil HDPE Liner (Runoff Ditches)	sf	225,000	225,000	\$ 154,125	\$ 0.685	\$ 0.69	
	60-Mil HDPE Liner (Stormwater Pond)	sf	570,000	570,000	\$ 268,714	\$ 0.471	\$ 0.47	
	Drains	lf	7,000	7,140	\$ 823,760	\$ 115.37	\$ 115.37	
	Soil Cover	cy	70,000	77,681	\$ 981,402	\$ 12.63	\$ 12.63	
	Soil Grassing							
	Seeding (Stormwater Pond)	ac	13	13	\$ 30,469	\$ 2,343.75	\$ 2,343.75	
	Sodding (Runoff Ditches)	ac	6	6	\$ 52,737	\$ 8,789.47	\$ 8,789.47	
	Amended Gypsum Grassing	ac	22	22	\$ 146,600	\$ 6,663.64	\$ 6,663.64	Total Task C3b
	Other Ancillary	lump	lump	lump	\$ 95,759	-	-	\$ 2,747,916.59
TOTAL ITEM C3								
\$ 5,538,063.64								
C4	ITEM C4. COOLING/SLUDGE PONDS & DITCHES							
	Task C4a. NCP Closure							
	Earthwork (Soil)	cy	200,000	198,050	\$ 1,351,225	\$ 6.82	\$ 6.82	
	80-Mil HDPE Liner (Runoff Ditches)	sf	100,000	100,000	\$ 68,500	\$ 0.685	\$ 0.69	
	40-Mil HDPE Liner	sf	1,300,000	1,300,000	\$ 514,800	\$ 0.396	\$ 0.40	
	Drains	lf	2,500	2,560	\$ 293,880	\$ 114.80	\$ 114.80	
	Soil Cover	cy	110,000	109,052	\$ 1,378,846	\$ 12.64	\$ 12.64	
	Soil Grassing							
	Seeding (Cap Areas)	ac	30	30	\$ 70,292	\$ 2,343.08	\$ 2,343.08	
	Sodding (Runoff Ditches)	ac	4	4	\$ 35,180	\$ 8,795.00	\$ 8,795.00	Total Task C4a
	Other Ancillary	lump	lump	lump	\$ 54,041			\$ 3,766,763.55
	Task C4b. SCP Closure							
	Earthwork (Soil)		50,000	49508	\$ 337,775	\$ 6.82	\$ 6.82	
	80-Mil HDPE Liner (Process Water Sump)	sf	485,000	485,000	\$ 332,225	\$ 0.685	\$ 0.69	
	80-Mil HDPE Liner (Runoff Ditches)	sf	415,000	415000	\$ 284,275	\$ 0.685	\$ 0.69	
	40-Mil HDPE Liner	sf	3,200,000	3,200,000	\$ 1,267,200	\$ 0.396	\$ 0.40	
	Drains	lf	6,500	6665	\$ 765,120	\$ 114.80	\$ 114.80	
	Soil Cover	cy	290,000	287502	\$ 3,635,154	\$ 12.64	\$ 12.64	
	Soil Grassing							
	Seeding (Cap Areas and Plant Areas)	ac	100	100	\$ 234,308	\$ 2,343.08	\$ 2,343.08	
	Sodding (Runoff Ditches)	ac	16	16	\$ 140,720	\$ 8,795.00	\$ 8,795.00	Total Task C4a
	Other Ancillary	lump	lump	lump	\$ 100,959			\$ 7,097,736.45
TOTAL ITEM C4								
\$ 10,864,500								
ITEM C - CLOSURE CONSTRUCTION TOTAL					\$ 31,010,500			
NOTES:								
1. The "Engineer's Estimate" column reflects those quantities provided by the Engineer for the Department under the ITN and BAFO.								
2. In some cases, the values for the CDM BAFO Estimate and the CDM BAFO Price indicate task breakdowns that were computed proportionately to the Department's breakdown values for elements where CDM's BAFO quantity is less than or greater than the Engineer's estimated quantity.								
3. CDM's BAFO values for Other Ancillary items were tenatively prorated to individual tasks on the basis of total task price.								
								\$ 31,010,500