

KIF Gypsum Stack Peninsula PHASE 1 CONSTRUCTION QUANTITIES				
ITEM	DESCRIPTION	UNITS	Quantity	Comments
1.00	Clear and Grub			
1.01	Clear and grub	ac	70	
1.02	Strip 1 ft vegetation and topsoil - spoil at stockpile	bcy	113,000	
2.00	Erosion Controls			
2.01	Erect silt fence	lf	3,300	6 ft post spacing, trench bottom of fence, 10% hay bales
2.02	cut for stormwater runoff pond	bcy	2000	2 ponds, assume 2.5 ac ft and 4.5 ac-ft; 0.5 ac and 0.9 ac respectively
2.03	fill for stormwater runoff pond	bcy	12,000	
2.04	riprap for stormwater runoff pond	ton	4,300	Combined - 1 ft deep
2.05	72 in dia cmp for outlet structure	lf	6	
2.06	48 in dia cmp for riser for outlet structure	lf	7	
2.07	cut holes in riser	ea	3	
2.08	48 in dia cmp outlet pipe (principle spillway)	lf	150	
2.09	Concrete for riser base (assume 7ft x 7 ft x 2 ft)	cy	4	
2.10	Anti-seep collars (assume concrete)	ea	7	
2.11	pipe bedding	ton	20	
2.12	clean out stormwater runoff pond	bcy	2,300	Assume 1 ft deep @ 1.4 ac
3.00	Roads			
3.01	South Access Road (gravel)			Assume 1.5 miles of roadway (8000 lf); road is 16 ft wide
3.02	Bottom Ash	bcy	2,400	Assume 6 in bottom ash
3.03	crushed stone base	ton	2,900	Assume 4 inch stone (1032)
3.04	Permanent Parking Lot (paved stone)			
3.05	crushed stone base	ton	340	Assume 100 x 100 ft w/ 6 in crushed stone
7.00	Fencing			
7.01	New fencing (including grounding)	lf	200	Assume fence to block road only - no perimeter fence
7.02	Gates, swinging	ea	1	personnel
7.03	Gates, sliding, w/ motorized operator	ea	1	20 ft wide
11.00	Seed/Mulch			
11.01	Seed/Mulch disturbed areas	ac	17.4	Areas outside dike
20.00	Gypsum Disposal Facility			
	Disposal facility construction			
20.01	Earthwork cut	bcy	251,406	
20.02	Earthwork fill	bcy	83,113	

ITEM	DESCRIPTION	UNITS	Quantity	Comments
50.04	Crushed stone base	ton	1,400	assume 100 x 100 ft x 6 in thick crushed stone base