Bond preparation by Oil Shale Office for WKSOC.

Table 4.5-1

APPROXIMATE DISTURBED AREAS
(Acres)

Type of Disturbance		Disturbed Areas			Treatment of Disturbed Areas[a]
		1981 Phase I 1983	PER. RC BOND	THREE YR BOND	RECOMM BOND(g)
Access Roads[b]		44	500	22000	
Utility Corridors[c]		11	500	3500	
Construction Camps		85	2000	170000	
Fines Stockpile (Phase I)		36	2000	72000	
Processed Shale Landfill and Conveyance[d]		162	2000	324000	
Phase I Dam[d,e]	Dam[f]	3	2000	6000	
	Pool[f]	19	2000	38000	
Southam Canyon Retention Dam[e]	Dam[f]	–			
	Pool[f]	–			
Process Site					
Tank farm and dikes		8	2000	16000	
Wastewater holding basin	Dam[f]	3			
	Pool[f]	17	2000	40000	
Freshwater reservoir[e]	Dam[f]	–			
	Pool[f]	–			
Process pad, roads, buildings, sulfur product storage, etc.		70	2000	140000	
Mining adits and shafts, stock-piles, service building, explosives storage, etc.		12	2000	24000	
Mine Vent Shafts and Excavation Landfill		–			
Total		470	—	857,500	$1,000,000

(a) Figures in these columns do not equal "Total Disturbed Area" because some slopes may not be revegetated owing to fire hazards. Also, some areas revegetated during Phase I will be filled over during construction of Phases II and III.
(b) Areas for access roads include allowances for an electric utility line.
(c) Phase I 6-inch freshwater pipeline includes an allowance for an electric utility line.
(d) Phase I catchment is filled over during Phase II.
(e) Pool areas for all impoundments except freshwater reservoir are maximum design areas.
(f) Dam areas indicated are the areas left exposed when maximum design pool is impounded.
(g) FIGURE WITHIN 20% ACCURACY ROUNDED TO $1,000,000

Table 4.5-1

APPROXIMATE DISTURBED AREAS
(Acres)

Type of Disturbance		Disturbed Areas				Treatment of Disturbed Areas[a]	
		Phase I	Phase II	Phase III	Total	Paved and Built-Over (Including Dam Pools)	Revegetated During Operation
Access Roads[b]		44	–	–	44	20	22
Utility Corridors[c]		11	31	–	42	–	42
Construction Camps		85	35	46	166	–	166
Fines Stockpile (Phase I)		36	–	–	36	–	36
Processed Shale Landfill and Conveyance[d]		162	501	1,770	2,433	–	2,433
Phase I Dam[d,e]	Dam[f]	3	–	–	3	–	3
	Pool[f]	19	–	–	19	19	–
Southam Canyon Retention Dam[e]	Dam[f]	–	6	–	6	–	6
	Pool[f]	–	35	–	35	35	–
Process Site							
Tank farm and dikes		8	14	24	46	11	35
Wastewater holding basin	Dam[f]	3	–	–	3	–	3
	Pool[f]	17	–	–	17	17	–
Freshwater reservoir[e]	Dam[f]	–	3	–	3	–	–
	Pool[f]	–	14	–	14	14	–
Process pad, roads, buildings, sulfur product storage, etc.		70	80	89	239	75	12
Mining adits and shafts, stockpiles, service building, explosives storage, etc.		12	6	4	22	17	5
Mine Vent Shafts and Excavation Landfill		–	3	1	3	–	3
Total		470	728	1,933	3,131	208	2,766

(a) Figures in these columns do not equal "Total Disturbed Area" because some slopes may not be revegetated owing to fire hazards. Also, some areas revegetated during Phase I will be filled over during construction of Phases II and III.
(b) Areas for access roads include allowances for an electric utility line.
(c) Phase I 6-inch freshwater pipeline includes an allowance for an electric utility line.
(d) Phase I catchment is filled over during Phase II.
(e) Pool areas for all impoundments except freshwater reservoir are maximum design areas.
(f) Dam areas indicated are the areas left exposed when maximum design pool is impounded.