TABLE ES-11
ONSHORE AND OFFSHORE PIPELINE CORRIDOR COMPARISON

Characteristics	Alternatives				
	1	2	3	4	5
Offshore Pipeline Corridor Length (ft)					
0 - 10 ft water depths	0	12,600	12,600	20,600	19,900
10 – 20 ft water depths	0	9,240	9,240	17,470	17,500
20 – 30 ft water depths	0	4,840	4,840	4,840	4,840
>30 ft water depths	0	4,800	4,800	4,800	4,800
Total Offshore Pipeline Length	0	31,480	31,480	47,700	47,000
Estimated Seafloor Area Disturbed (acres)	0	21.4	21.4	31.3	36.7
Estimated Seafloor Volume Excavated (yd^3)	0	264,100	264,100	380,600	377,700
Onshore Oil Pipeline Length (ft)	0	58,700	81,500	63,100	62,200
Onshore Gas Pipeline Length (ft)	0	55,500	49,300	30,800	30,000
Total Onshore and Offshore Pipeline Lengths (ft)	0	145,680	162,280	141,600	139,200
Total Onshore Pipeline Corridor Length (ft)	0	76,300	82,570	64,110	63,270
Estimated Number of VSMs Required (55 ft spacings)	0	1,387	1,501	1,166	1,150
Estimated Barrels of Freshwater for Ice Road Construction	0	310,700	324,700	355,800	350,400

Notes: ft = Feet/foot
yd^3 = Cubic yards
VSMs = Vertical support members

Source: Hanley, 1997:Attachment 2. Estimated seafloor area disturbed value for Alternative 5 has been altered from original BPXA table to include an additional 5.5 acres of gravel fill coverage over seafloor along the widened West Dock causeway.