

**SHEET 1**

**Regional Site Selection Criteria  
Candidate Sites: Non-Maine**

Site Number	15	16	17	18	19	20	21
Site Location	Off-shore	Harbor	Existing	Harbor Islands	Quincy Harbor	Cape Cod Channel	Shell Refinery
Town	<b>Gloucester</b>	<b>Salem</b>	<b>Everett, MA</b>	<b>Boston, MA</b>	<b>Quincy, MA</b>	<b>Sagamore, MA</b>	<b>Fall River, MA</b>
<b>COMMUNITY ASSESSMENT (40% weight)</b>							
<b>Official Town Support</b>	Growing Opposition	Harbor is DPA	Against	Unknown	NA	Unknown	Against
<b>Residents' Position</b>	Growing Opposition	Mixed	50/50	Unknown	+Against	Mixed, growing anti-windfarm	++Against lawsuit
<b>Land-use Status</b>	NA - offshore	offshore OK	Existing	Govt. Cons. Trust	Mostly Park	Unknown	None needed
<b>Legal Control of Site</b>	NA - offshore	offshore OK	Existing	Govt.	No	No	Yes
<b>Status of Opposition</b>	++Against	Industry Opposed	++Against	Not Developed	Not Developed	Derivative of Wind Farm	Strong and growing
<b>Position of Adjacent Communities</b>	Assume NA	Not Apparent	50/50	Unknown	Unknown	Mixed	++Against
<b>Socio-economic position</b>	Fishery conflict	Fishery conflict	None	Tourism conflict	Possible conflict	Unknown	Minimal
<b>Impact on other activities</b>	Possible fishery	Possible fishery	Boston Harbor (Pipeline (PL))	Yes	Possible	Possible	Env. + recreation
<b>SCORE</b>	<b>7</b>	<b>4</b>	<b>5</b>	<b>3</b>	<b>5</b>	<b>5</b>	<b>1</b>
<b>MARINE ASSESSMENT (30% weight)</b>							
<b>Technical Issues (15%)</b>							
<b>Sufficient draft (min 38' MLW, ideal 45' MLW)</b>	NA	Not in Harbor	40 - 500 ft	Yes	No	Yes	Dredging required
<b>Current</b>	+5 knots	Not Specified	Not Specified	Variable	+5 knots w/tide	Minimal	Minimal
<b>Wave regime</b>	High	High	None	Variable	None	Exposed	None
<b>Shipping channel with sufficient breadth/length (400')</b>	NA	No	1/2 mile	Yes	Yes	600 ft	400 ft Federal channel 7 miles
<b>Sufficient turning radius – 2,000'</b>	NA	No	Yes	Yes	No	Only 600 ft	Minimal - must be expanded
<b>Transit of bridges</b>	No	No	Yes	No	No	No	3 bridges
<b>Level of shipping traffic at site</b>	NA	Not Specified	Medium	Variable	Variable	Poor	Medium
<b>Security Issues - Ship Protection</b>	Fair	Fair	Fair	Fair	Variable	Poor	Fair
<b>Security Issues - Tank Protection</b>	NA	Fair	Fair	Fair	Variable	Poor	Fair
<b>Port Restrictions - Affects</b>	NA	High	High	Variable	Variable	High	Medium
<b>SCORE</b>	<b>5</b>	<b>3</b>	<b>5</b>	<b>7</b>	<b>5</b>	<b>4</b>	<b>1</b>

## SHEET 2

### Regional Site Selection Criteria Candidate Sites: Non-Maine

Site Number	15	16	17	18	19	20	21
Site Location	Off-shore	Harbor	Existing	Harbor Islands	Quincy Harbor	Cape Cod Channel	Shell Refinery
Town	<b>Gloucester</b>	<b>Salem</b>	<b>Everett, MA</b>	<b>Boston, MA</b>	<b>Quincy, MA</b>	<b>Sagamore, MA</b>	<b>Fall River, MA</b>
<b>Environmental Issues (15%)</b>							
<b>Dredging to Depth</b>	NA	Major for Harbor	Required for Pipeline	No	Required	No	Significant (2MM CY)
<b>Dredging Affects on Bio Resources?</b>	Possible High (Regas)	Prob High	Prob High	None	High	None	High
<b>Dredge Spoil Contamination Possible?</b>	None	Yes	Yes	None	High	None	High
<b>Endangered species/habitat?</b>	No	Unknown	Possible (PL)	Possible	Possible	Possible	No
Limited or no fishery activity including:							
<b>Aquaculture leases</b>	Yes - fisheries	No	No	Possible	Possible	Fishing	No
<b>Lobster habitat</b>	Yes	Yes	Possible (PL)	Possible	Possible	Yes	No
<b>Molluscan habitat</b>	Yes	Yes	Possible (PL)	Possible	No	Possible	No
<b>Blood worm habitat</b>	No	No	No	No	No	No	No
Limited or no presence of:							
<b>Shorebird habitat</b>	No	Prob No (Harbor)	Yes	Yes	Yes	Probable	Possible
<b>Waterfowl habitat</b>	Yes	Yes	Yes	Yes	Yes	Probable	Possible
<b>Sea mammal habitat (otters, seals and whales)</b>	Whales possible	Probable	Prob No	Probable	Probable	Ship transit through whale breeding grounds	No
Aesthetics - View of Pier/Ship							
<b>Degree of Visibility</b>	Visible	Visible	Very visible	Very visible	Very visible	Very visible	Very visible
<b>Number of Potential Viewers</b>	Very visible	Very visible	Very visible	Very visible	Very visible	Very visible	Very visible
Marine Use Compatibility							
<b>With Existing Use?</b>	No	No (DPA yes)	Dock	No	No	No	Dock
<b>With Future Use?</b>	Open Use	Open Use	Compatible	Open Use	Prob No	Open Use	Compatible
<b>With Surrounding Use?</b>	No	No (DPA yes)	Yes	No	No	No	Yes
<b>Cultural Resources - Marine</b>	Low	Low	Low	Variable	Variable	Low	Low
<b>SCORE</b>	<b>8</b>	<b>8</b>	<b>7</b>	<b>8</b>	<b>2</b>	<b>7</b>	<b>7</b>

**SHEET 3**

**Regional Site Selection Criteria  
Candidate Sites: Non-Maine**

Site Number	15	16	17	18	19	20	21
Site Location	Off-shore	Harbor	Existing	Harbor Islands	Quincy Harbor	Cape Cod Channel	Shell Refinery
Town	<b>Gloucester</b>	<b>Salem</b>	<b>Everett, MA</b>	<b>Boston, MA</b>	<b>Quincy, MA</b>	<b>Sagamore, MA</b>	<b>Fall River, MA</b>
<b>LAND ASSESSMENT (30% weight)</b>							
<b>Technical Issues (15%)</b>							
<b>Undeveloped land in the project vicinity – land sufficient to meet thermal and vapor exclusion zones</b>	Yes (Offshore)	Yes (Offshore)	No	Yes	No	Available but insufficient exclusion zone on land and channel	Available, 1000 ft exclusion zone extends over interstate highway
<b>Housing units within radius</b>	NA	Not at Harbor	No	Variable	No	Dwellings within zone	Possible
<b>Site availability – land available for purchase ideally with industrial zoning</b>	NA	Probably	No	No	No	Yes	Yes
<b>Existing infrastructure (Roads, Power, Water, etc.)</b>	No	Yes	Yes	No	Yes	Yes	Yes
<b>Energy corridor commitment – distance to gas transmission lines</b>	12 miles	10 miles	12 miles	10 miles	Yes	35 miles	10 miles
<b>Flood free zones</b>	Hurricane	Hurricane	Yes	Yes	Yes	Yes	Yes
<b>SCORE</b>	<b>5</b>	<b>4</b>	<b>5</b>	<b>5</b>	<b>3</b>	<b>3</b>	<b>3</b>
<b>Environmental Issues (15%)</b>							
<b>Environmentally sensitive species</b>	Yes	Yes-Offshore	Probably (PL)	Yes	Probable	Yes	Yes
<b>Environmentally sensitive ecosystems</b>	Yes	Yes-Offshore	Probably (PL)	Yes	Probable	Yes	Yes
<b>Wetlands in vicinity of site</b>	Yes (Delivery)	Disturbed DPA	No	Probable	Probable	No	Bordering project site
<b>Aesthetics - View of Tanks</b>							
<b>Existing landscape quality</b>	Disturbed/natural	Disturbed/natural	Disturbed/natural	Variable	Variable	Disturbed/natural	Disturbed
<b>Degree of Visibility</b>	Low	Medium	High	High	High	High	High
<b>Number of Potential Viewers</b>	Low	Medium	High	High	High	High	High
<b>Land Use Compatibility</b>							
<b>With Existing Use?</b>	No	No (DPA yes)	Yes	No	No	No	Yes
<b>With Future Use?</b>	Prob Not	Prob Not	Prob Not	Prob Not	Prob Not	Prob Not	Yes
<b>With Surrounding Use?</b>	No	No	No	No	No	No	Yes
<b>With Recreational Use?</b>	No	Close proximity	Close proximity	Close proximity	Close proximity	Close proximity	No
<b>Proximity to Large Population</b>	No	No	No	No	No	No	Yes
<b>Fill Requirements?</b>	None	None	None	None	None	None	None

**SHEET 4**

**Regional Site Selection Criteria  
Candidate Sites: Non-Maine**

Site Number	15	16	17	18	19	20	21
Site Location	Off-shore	Harbor	Existing	Harbor Islands	Quincy Harbor	Cape Cod Channel	Shell Refinery
Town	<b>Gloucester</b>	<b>Salem</b>	<b>Everett, MA</b>	<b>Boston, MA</b>	<b>Quincy, MA</b>	<b>Sagamore, MA</b>	<b>Fall River, MA</b>
<b>Surface Water Resources</b>	Yes-Regas	Yes-Regas	None	None	None	None	None
<b>Unique/Harvested Vegetation</b>	No	No	No	No	No	No	No
<b>Cultural Resources - Land</b>	None	None	None	None	None	None	None
<b>Geotechnical Suitability</b>	Good	Good	Good	Good	Good	Good	Good
<b>Noise Sensitivity</b>	Low	High	Medium	High	High	Medium	High
<b>Site Contamination</b>	Low	Low-Medium	Medium	Low-Medium	Low	Low-Medium	Medium
<b>SCORE</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>4</b>
<b>TOTAL SCORE</b>	Off-shore	Harbor	Existing	Harbor Islands	Quincy Harbor	Cape Cod Channel	Shell Refinery
<b>Community</b>	<b>7</b>	<b>4</b>	<b>5</b>	<b>3</b>	<b>5</b>	<b>5</b>	<b>1</b>
<b>Marine</b>	<b>10</b>	<b>7</b>	<b>10</b>	<b>12</b>	<b>8</b>	<b>8</b>	<b>4</b>
<b>Land</b>	<b>10</b>	<b>9</b>	<b>10</b>	<b>10</b>	<b>8</b>	<b>8</b>	<b>7</b>
<b>Weighted Total Score (Max = 10)</b>	<b>5.8</b>	<b>4</b>	<b>5</b>	<b>4.5</b>	<b>4.4</b>	<b>4.4</b>	<b>2.05</b>
<b>Comparative Rank (n/27) =</b>	<b>8</b>	<b>21</b>	<b>12</b>	<b>16</b>	<b>18-T</b>	<b>18-T</b>	<b>25</b>

**SHEET 5**

**Regional Site Selection Criteria  
Candidate Sites: Non-Maine**

Site Number	22	23	24	25	26	27
Site Location	New London Harbor	New Haven Harbor	Quonset Point	Coal Plant	Existing	Fuel Oil Terminal
Town	<b>New London, CT</b>	<b>New Haven, CT</b>	<b>Quonset, RI</b>	<b>Brayton Point</b>	<b>Providence</b>	<b>East Providence</b>
<b>COMMUNITY ASSESSMENT (40% weight)</b>						
<b>Official Town Support</b>	Unknown	Unknown	Unknown	Against	Possible Support + Against	Unknown
<b>Residents' Position</b>	Mixed	Initial - Against	Unknown	Against	Mixed	Unknown
<b>Land-use Status</b>	Unknown	Industrial	Unknown	Power/Fuel Storage	Existing tank	Existing fuel oil operation
<b>Legal Control of Site</b>	No	Possible	No - state owned	Bankruptcy	Yes	Unknown
<b>Status of Opposition</b>	Not Developed	Developing	Unknown	Initial opposition	Initial opposition	Unknown
<b>Position of Adjacent Communities</b>	Unknown	Against	Unknown	Against	Impartial/against	Possible Against
<b>Socio-economic position</b>	Unknown	Unknown	None	Minimal	Minimal	Unknown
<b>Impact on other activities</b>	Near nuclear submarine base	High	Unknown	Env. + Power	Env. + recreation	Major Rec Path
<b>SCORE</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>3</b>	<b>5</b>	<b>4</b>
<b>MARINE ASSESSMENT (30% weight)</b>						
<b>Technical Issues (15%)</b>						
<b>Sufficient draft (min 38' MLW, ideal 45' MLW)</b>	Yes, existing	Yes - dredging required	Dredging required	Dredging required	Existing, limited ship size, dredging required	May require dredging
<b>Current</b>	Minimal	Minimal	Minimal	Minimal	Minimal	Minimal
<b>Wave regime</b>	No	No	No	None	None	None
<b>Shipping channel with sufficient breadth/length (400')</b>	Yes	Yes	Yes	Yes	2,000 feet	5,000 feet
<b>Sufficient turning radius – 2,000'</b>	No, turned in main harbor	Insufficient - dredging required	Insufficient - dredging required	Yes	Yes	Yes
<b>Transit of bridges</b>	No	No	1 bridge	1 bridge	1 bridge	1 bridge
<b>Level of shipping traffic at site</b>	Medium	Medium	Medium	Medium	Medium	Medium
<b>Security Issues - Ship Protection</b>	Fair	Fair	Fair	Fair	Fair	Poor, Mitigation required
<b>Security Issues - Tank Protection</b>	Fair	Fair	Good	Good	Fair	Good
<b>Port Restrictions - Affects</b>	Medium	Medium	Medium	Medium	Medium	Medium
<b>SCORE</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>4</b>

**SHEET 6**

**Regional Site Selection Criteria  
Candidate Sites: Non-Maine**

Site Number	22	23	24	25	26	27
Site Location	New London Harbor	New Haven Harbor	Quonset Point	Coal Plant	Existing	Fuel Oil Terminal
Town	<b>New London, CT</b>	<b>New Haven, CT</b>	<b>Quonset, RI</b>	<b>Brayton Point</b>	<b>Providence</b>	<b>East Providence</b>
<b>Environmental Issues (15%)</b>						
<b>Dredging to Depth</b>	Possibly at berth	Required	Significant (3MM CY)	Significant (3-4MM CY)	Required	Possible, Limited
<b>Dredging Affects on Bio Resources?</b>	Low	High	High	High	High	None
<b>Dredge Spoil Contamination Possible?</b>	Possible	High	Possible	High	High	Low
<b>Endangered species/habitat?</b>	No	No	Possible	No	No	No
Limited or no fishery activity including:						
<b>Aquaculture leases</b>	Yes (+Fishing)	Yes (+Fishing)	Yes (+Fishing)	Fish Limitations	No	No
<b>Lobster habitat</b>	Yes	Yes	Yes	No	No	No
<b>Molluscan habitat</b>	Yes, Closed	Yes, Cultured	Yes, Closed	No	No	No
<b>Blood worm habitat</b>	No	No	No	No	No	No
Limited or no presence of:						
<b>Shorebird habitat</b>	Possible	Probable	Probable	Unknown	Unknown	Prob No
<b>Waterfowl habitat</b>	Possible	Probable	Probable	Possible	Unknown	Prob No
<b>Sea mammal habitat (otters, seals and whales)</b>	Probable	No	Possible	No	No	No
Aesthetics - View of Pier/Ship						
<b>Degree of Visibility</b>	Very Visible	Very Visible	Very visible	Very visible	Very visible	Very visible
<b>Number of Potential Viewers</b>	Very visible	Very visible	Very visible	Very visible	Very visible	Very visible
Marine Use Compatibility						
<b>With Existing Use?</b>	Dock	Dock	Dock	Dock + Power	Dock	Dock
<b>With Future Use?</b>	Compatible	Not compatible	Not compatible	Possible	Compatible	Compatible
<b>With Surrounding Use?</b>	Mixed	Yes	Yes, but airport	No	No	No
<b>Cultural Resources - Marine</b>	Low	Low	Low	Low	Low	Low
<b>SCORE</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>5</b>

**SHEET 7**

**Regional Site Selection Criteria  
Candidate Sites: Non-Maine**

Site Number	22	23	24	25	26	27
Site Location	New London Harbor	New Haven Harbor	Quonset Point	Coal Plant	Existing	Fuel Oil Terminal
Town	<b>New London, CT</b>	<b>New Haven, CT</b>	<b>Quonset, RI</b>	<b>Brayton Point</b>	<b>Providence</b>	<b>East Providence</b>
<b>LAND ASSESSMENT (30% weight)</b>						
<b>Technical Issues (15%)</b>						
<b>Undeveloped land in the project vicinity – land sufficient to meet thermal and vapor exclusion zones</b>	Near airport and offices	Limited or no availability, near airport, parks etc	Yes	No existing uses	No	Yes
<b>Housing units within radius</b>	Dwellings within zone	Possible	Possible	Yes	Yes - some possibly	No
<b>Site availability – land available for purchase ideally with industrial zoning</b>	Possibly	No	Possibly	Not available	Not Enough	No
<b>Existing infrastructure (Roads, Power, Water, etc.)</b>	Limited	Yes	Yes	Yes	Yes	Yes
<b>Energy corridor commitment – distance to gas transmission lines</b>	+30 miles	+20 miles	+35 miles	Existing connection to pipeline	12 miles	5 miles
<b>Flood free zones</b>	Yes	Yes	Yes	Yes	Yes	Yes
<b>SCORE</b>	<b>2</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>4</b>	<b>5</b>
<b>Environmental Issues (15%)</b>						
<b>Environmentally sensitive species</b>	Possible	Unknown	Unknown	No	Unknown	No
<b>Environmentally sensitive ecosystems</b>	Probable	Possible	Unknown	Possible	Unknown	No
<b>Wetlands in vicinity of site</b>	No	No	No	Yes	No	No
<b>Aesthetics - View of Tanks</b>						
<b>Existing landscape quality</b>	Disturbed	Disturbed	Disturbed	Disturbed	Disturbed	Disturbed
<b>Degree of Visibility</b>	High	High	High	High	High	High
<b>Number of Potential Viewers</b>	High	High	High	High	High	High
<b>Land Use Compatibility</b>						
<b>With Existing Use?</b>	Yes	No	No	Yes	Yes	Yes
<b>With Future Use?</b>	Probably	No	No	Yes	Yes	Yes
<b>With Surrounding Use?</b>	Mixed	Yes	Yes	Yes	No	No
<b>With Recreational Use?</b>	Close proximity	No	No	No	No	No
<b>Proximity to Large Population</b>	Yes	Yes	Yes	Mostly Yes	Yes	Yes
<b>Fill Requirements?</b>	Yes	No	No	Yes	Yes	Yes

**SHEET 8**

**Regional Site Selection Criteria  
Candidate Sites: Non-Maine**

Site Number	22	23	24	25	26	27
Site Location	New London Harbor	New Haven Harbor	Quonset Point	Coal Plant	Existing	Fuel Oil Terminal
Town	<b>New London, CT</b>	<b>New Haven, CT</b>	<b>Quonset, RI</b>	<b>Brayton Point</b>	<b>Providence</b>	<b>East Providence</b>
<b>Surface Water Resources</b>	None	None	None	None	None	None
<b>Unique/Harvested Vegetation</b>	No	No	No	No	No	No
<b>Cultural Resources - Land</b>	None	None	None	None	None	None
<b>Geotechnical Suitability</b>	Good	Good	Good	Good	Good	Good
<b>Noise Sensitivity</b>	Medium	Medium	Medium	Low	High	Medium
<b>Site Contamination</b>	Medium	Medium	Medium	Medium	Medium	Medium
<b>SCORE</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>
<b>TOTAL SCORE</b>	<b>New London Harbor</b>	<b>New Haven Harbor</b>	<b>Quonset Point</b>	<b>Coal Plant</b>	<b>Existing</b>	<b>Fuel Oil Terminal</b>
<b>Community</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>3</b>	<b>5</b>	<b>4</b>
<b>Marine</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>9</b>
<b>Land</b>	<b>7</b>	<b>7</b>	<b>8</b>	<b>9</b>	<b>9</b>	<b>10</b>
<b>Weighted Total Score (Max = 10)</b>	<b>3.95</b>	<b>3.95</b>	<b>4.1</b>	<b>3.45</b>	<b>4.25</b>	<b>4.45</b>
<b>Comparative Rank (n/27) =</b>	<b>22-T</b>	<b>22-T</b>	<b>20</b>	<b>23</b>	<b>19</b>	<b>17</b>