

What is different about handling Tar Sands/Oil Sands crude products?

(NOTE: INFORMATION IN THE TABLES BELOW IS FOR EXAMPLE ONLY AND SHOULD NOT BE CONSTRUED TO BE ACCURATE DUE TO ITS INCLUSION. ANY CORRECTIONS, CLARIFICATIONS, ADDITIONS ARE WELCOMED FROM ANY INTERESTED PARTIES, PARTICULARLY IF SUPPORTING DOCUMENTATION CAN BE PROVIDED, AND SHOULD BE SENT TO draftordinance@southportland.org)

	Other crude products	TS/OS crude	Importing bulk crude through South Portland	Exporting bulk crude through South Portland	Import/export of refined products
Chemical makeup	No additives	Typically treated near source to remove sediment and water, then diluted with natural gas condensate or synthetic crude (TS/OS crude that has been upgraded).			
Heating	Heating may be required for rail transport in cold regions. No heating required for pipeline transport?	Heating may be required for rail transport in cold regions. No heating required for pipeline transport if the TS/OS crude has been sufficiently diluted?			
Vapor recovery or combustion			?	Vapor combustion or recovery required.	Vapor combustion currently being used in South Portland at various terminals.
Pumping					
Ballast water discharge			No ballast water discharge	Ballast water discharge necessary	

Possible Ordinance Changes to Address Concerns

NOTE: THIS IS NOT INTENDED TO BE A COMPLETE LIST OF POSSIBLE APPROACHES. THE OPTIONS LISTED ARE FOR EXAMPLE ONLY.

Ordinance change	Considerations				
	Technological	Comp Plan consistency	Legal	Level of Certainty (low, moderate, high)	Other
Limit VCU/VRU heights	May be possible to design VCUs/VRUs that meet height restrictions.				
Impose air quality standards	May be possible to be met with export of Tar Sands products				Impact on other businesses?
Limit additional storage tanks	Uncertain whether additional tanks are needed for export.				
In _____ District(s), specifically identify import as a permitted use.					
Other Approaches?					