

Exhibit 5 – Summary of Current Transportation System vs. Proposed Cross Cascade Pipeline System		
Transport Name	Current Transportation System	Proposed CCP
Truck Transportation	<ul style="list-style-type: none"> • Transportation by truck over I-90 corridor increased to eastern Washington • Currently 18-20,000 trips year • By 2019 (20 years) 25,000 trips year • By 2049 (50 years) 33,000 trips year • Local Distribution trips grow with demand • Approximately 130 Truck Accidents/ Spills over 50 years 	<ul style="list-style-type: none"> • Transportation to Eastern Washington by truck largely eliminated over I-90 • Local Distributor trips grow with demand • 108 Truck/Accident/Spills likely eliminated
	INCREASED RISK	*DECREASED RISK*
Barge Transportation Columbia River	<ul style="list-style-type: none"> • Continues from Portland to Pasco • Average 530 trips per year • Any spills will be in Columbia River • Estimate 120 spills of small to medium volume • Spills difficult to cleanup/dispersed in the water/minimal recovery 	<ul style="list-style-type: none"> • Largely eliminated except for possible shipments from Pasco to Wilma • Possibility of spills on Columbia from petroleum barges almost completely eliminated
	INCREASED RISK	*DECREASED RISK*
Coastal Barge & Tankership Transportation	<ul style="list-style-type: none"> • Must be increased to transport product to Portland because existing pipeline to Portland is at capacity. Increased trips mean increased potential for spill and impact along Washington Coast and lower Columbia. • Estimate 137 spills/50 years • Spills small to moderate size with potential for larger spill • Spills difficult to cleanup/minimal recovery 	<ul style="list-style-type: none"> • Coastal tanker/barge trips to Portland reduced lessening potential for coastal spill and impacts
	INCREASED RISK	*DECREASED RISK*
Pipeline	<ul style="list-style-type: none"> • Existing pipeline to Portland to serve north Oregon and eastern Washington markets at capacity 	<ul style="list-style-type: none"> • Possibility of spill along CCP route. • Estimated 13 spills/50 years • Spills moderate size with potential for larger spills • More effective cleanup and greater recovery possible • Probability of any spills occurring in sensitive area small – most spills that do occur expected to have minimal impact due to cleanup procedures available to land based spills
	NO CURRENT RISK	*INCREASED RISK*
	3 factors with increased risk 1 factor with no current risk	3 Factors with decreased risk 1 factor with increased risk