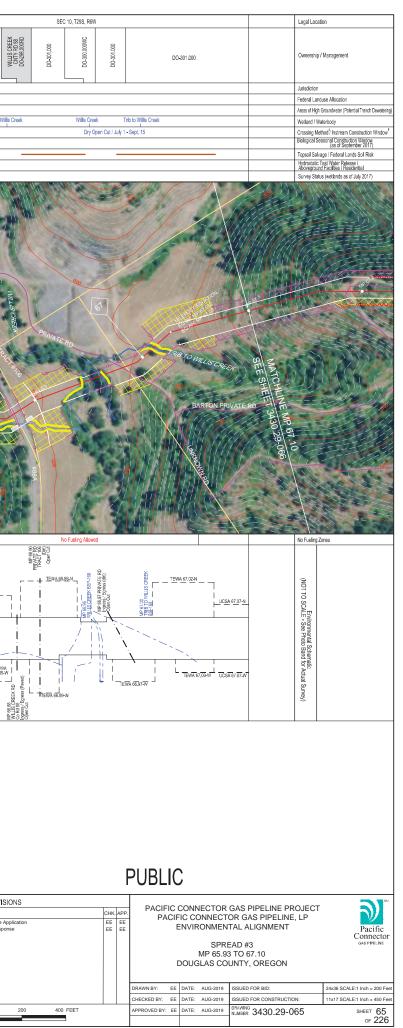
APPENDIX F.10

Plan of Development

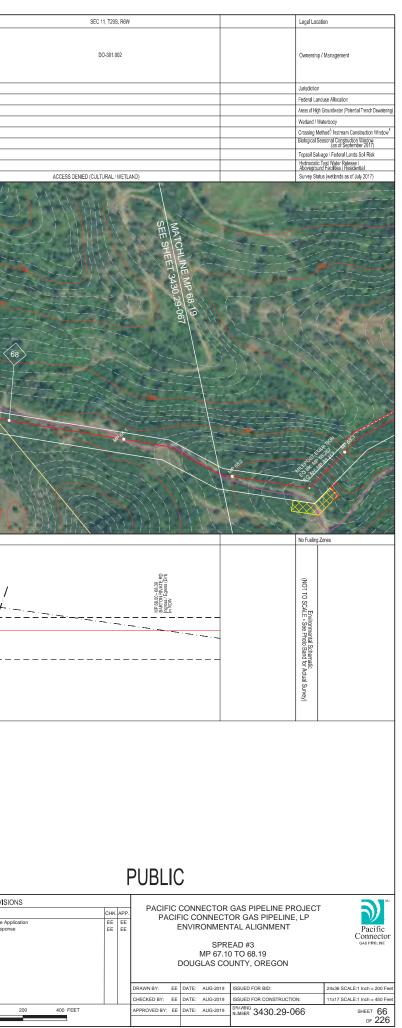
(continued)

Legal Location		SEC 4, T29S, R6W			SEC 3, T29S, R6W		
Ownership / Management	D0-291.000	D0-292.000	DO-293.000	DO-294.000	DO-295.000	DO-296.000	DO-297.000
Jurisdiction Federal Landuse Allocation Areas of High Gircurdinizit (Potential Tierroh Dewalering)			D	DUGLAS COUNTY			[
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Legal Location					SEC 10, T29S, R6W			
2080-200001								
					FG 404 400			
Ownership / Management					DO-301.000			
Jurisdiction						DOUGLAS COUNTY		
Federal Landuse Allocation Areas of High Groundwater (Potential Trench Dewalering)								
Wetland / Waterbody								
Crossing Method ⁵ Instream Construction Window ⁸								
Biological Seasonal Construction Window (as of September 2017)								
Topsoil Salvage / Federal Lands Soil Risk Hydrostatic Test Water Release / Aboveground Facilities / Residential								
Survey Status (wetlands as of July 2017)								
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Nor-Working Side Typical Working Side B Working Side C Working Side	ground level, leaving existing root sy lisposal. tumps and grading activities to direct from the rest of the construction right- ne foot of topsoil from the trench line,	stems in place and remove the y over the trench line. Do not grade or of-way. except in areas where standing water	LEGEND Proposed Pipeline Construction Right-of-Way Temporary Construction Right-of-Way Temporary Extra Work Area	CONSTRUCTION RIGHT-OF-WAY UCSA 67:31-W	(PAR / TAR)		2a - District Designated Reserve (No Harvest) 2b - District Designated Reserve (Non-Forest) 3a - Lade-Successional Reserve (Non-Forest) 3b - Lade-Successional Reserve (Most Forest) 4a - Riparian Reserve (Most Forest) 4b - Diroting Reserve (Most Forest)	REVI DATE BY DESCRIPTION Sept-2017 EE Issued for FERC Certificate.
Nor-Working Side Typical Working Side 1 Working Side 1 Working Side 1 Working Side 1 NOTES: 1: In wetlands cut vegetation off at vegetation from the wetland ford 2: In wetlands limit pulling of trees 3: In wetlands segregate the top or or a saturated soils are present. 3: In wetlands segregate the top or or a saturated soils are present. 4: Topsoil will be stripped from the recidemation. 5: If streems proposed to be open of 1: In settantia areas. Topsoil may be recidemation.	ground level, leaving existing root sy tisposal. trumps and grading activities to direct from the rest of the construction right ne foot of topsoil from the trench line, trench line and spoil storage area on e imported in residential areas as ner cut are flowing at the time of construct	stems in place and remove the y over the trench line. Do not grade or of-way. except in areas where standing water y in croplands, haylields, pastures and essary to assure adequate tion, they will be crossed using a dry	LEGEND Proposed Pipeline Construction Right-of-Way Temporary Construction Right-of-Way Disconstruction	CONSTRUCTION RIGHT-OF-WAY UCSA 67.31-W	(PAR / TAR) letermined by Environmental Inspector based on site-	specific conditions.	2a - Datrict Designated Reserve (Mo Hanvest) NV 2b - District Designated Reserve (Mo Hanvest) N 3a - Labe-Successional Reserve (Mo Hanvest) 2b 4b - Reserve (Mo Hanvest) Francessional Reserve (Mo Hanvest) 4b - Reserve (Mo Hanvest) Francessional Reserve (Mo Hanvest) 4b - Reserve (Mo Hanvest) Francessional Reserve (Mo Hanvest) 5b - Section Reserve (Mo Hanvest) Francessional Reserve (Mo Hanvest) 6b - Honeyst Can Reserve (Mo Hanvest) There Areas) 7 - Henvest Land Base (Moderais Internativ) Timber Area) 8	REVI DATE BY DESCRIPTION Sept-2017 EE Issued for FERC Certificate.
Nor-Working Side Typical Working Side 1 Working Side 1 Work	ground level, leaving existing root sy tisposal. stumps and grading activities to direct from the rest of the construction right- ne foot of topsoil from the trench line, trench line and spoil storage area on e imported in residential areas as ner cut are flowing at the time of constru n & pump, etc.). If streams proposed be open cut.	stems in place and remove the y over the trench line. Do not grade or of-way. y in croplands, hayfields, pastures and essary to assure adequate	LEGEND Proposed Pipeline Construction Right-of-Way (Temporary Construction Right-of-Way (Temporary Extra Work Area Uncleared Storage Area Pipe Yard	CONSTRUCTION RIGHT-OF-WAY UCSA 67.31-W UCSA 67.31-W	(PAR / TAR)	specific conditions.	20 - District Designated Rearen (No throws) 20 - District Designated Rearen (No throws) 20 - District Designated Rearen (No Trend) 20 - District Designated Rearen (No Trend) 20 - District Designated Rearen (No Trend) 40 - Roarts Rearen (No Trend) 40 - Roarts Rearen (No Trend) 50 - Sharets (Land Base (Uncert-Age Thetra Area) 61 - Horets (Land Base (Uncert-Age Thetra Area)	REVI DATE BY DESCRIPTION Sept-2017 EE Issued for FERC Certificate.
Nor-Working Side Typical Working Side 30 Working Side	ground level, leaving existing root sy disposal. stumps and grading activities to direct from the rest of the construction right- ne foot of topsoil from the trench line, trench line and spoil storage area on e imported in residential areas as ner cut are flowing at the time of constru m & pump, etc.). If streams proposed be open cut.	stems in place and remove the y over the trench line. Do not grade or of-way. except in areas where standing water y in croplands, hayfields, pastures and essary to assure adequate tion, they will be crossed using a dry to be dry open cut are not flowing at	LEGEND Proposed Pipeline Construction Right-of-Way Temporary Construction Right-of-Way Disconstruction	CONSTRUCTION RIGHT-OF-WAY UCSA 67/31-W	(PAR / TAR) letermined by Environmental Inspector based on site-	specific conditions.	Decide Designation Research (b) Hermonic Decide Designation Research (b) Hermonic Decide Designation Research (b) Primary Decide	REVI DATE BY DESCRIPTION Sept-2017 EE Issued for FERC Certificate.

5	Pacific Connector understands that fisheries	construction windows only apply to those v	vaterbo
	at the time of construction and that the window	ws do not apply to HDD crossings.	



			SEC 11, T295, R6W	SEC 14, T29S, R6W
Legal Location			3EU 11, 1235, NUT	3EC 14, 1233, NOW
Ownership / Management			DO-311.002	DO-301.035
o maranip - management				
Jurisdiction			DOUGLAS COUNTY	
Federal Landuse Allocation				
Areas of High Groundwater (Potential Trench Dewatering)				
Wetland / Waterbody				
Crossing Method ⁵ /Instream Construction Window ⁸				
Biological Seasonal Construction Window (as of September 2017)				
Topsoil Salvage / Federal Lands Soil Risk			NONE	
Hydrostatic Test Water Release / Aboveground Facilities / Residential				
Survey Status (wetlands as of July 2017)			ACCESS DENIED (CULTURAL / WETLAND)	ACCESS DENIED (CULTURAL / WETLAND)
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remove stumps or root systems from th	he rest of the construction right-of-way.	Construction Right-of-Way	Wetland Stream	3h Jate Surgesting Researce (Molet Eggent) 2 Aug-2019 EE Issued for FERC DEIS Response
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reclamation.		Uncleared Storage Area	Note: BMP type and placement to be determined by Environmental Inspector based on site-specific conditions.	8 - Harvest Land Base (Microensis Timber Area)
open cut method (i.e., flume, dam & pu	re flowing at the time of construction, they will be crossed using a dry ump, etc.). If streams proposed to be dry open cut are not flowing at	Pipe Yard	Drivable Berm or Sediment Barrier / Portable Bridge / Wetland Crossing DB (SB (PB) (WC)	FEDERAL LANDS SOIL
the time of construction, they will be op	pen cut.	Aboveground Facility	−c—— Silt Fence (sF) →— Safety Fence (sF)	RISK SENSITIVITY RANK
 Right-of-way grading or vegetation cle Seed mixes in the ECRP or according 	g to landowner agreements or as directed by E.I.	Rock Source/Disposal	Slash Filter Windrow SFW	1-Very Low 2-Low 3-Moderate 200 0 2
 Pacific Connector understands that fis at the time of construction and that the 	sheries' construction windows only apply to those waterbodies flowing e windows do not apply to HDD crossings.		Construction Entrance Pad CE	3-Modemite 200 0 2 4-Yigh 5-Yey High
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at the time of construction and that the windo	ows do not apply to HDD crossings.

Aboveground Facility Rock Source/Disposal	~~~~	Silt Fence (SF) Safety Fence (SAF) Slash Filter Windrow (SFW) Construction Entrance Pad (CE)

	Legal Location
	Ownership / Management
	Jurisdiction Federal Lancuse Allocation Areas of High Groundwater (Potential Trench Dewatering) Wesland / Waterbody Crossing Method ¹ Instream Construction Window ⁶ Biological Seasonal Constructi
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	No Fueling Zones
	(NOT TO SCALE - See Photo Band for Actual Survey)
	Schematic Band for Actual Survey)
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Legal Location		SEC 14, T295, R6W SEC , T295, R6W		SEC 13, T295, R6W			
Ownership / Management		DO-301.035	DO-301.036	D0+301.037	DO-301.038		D0-301.039
Jurisdiction Federal Landuse Allocation Areas of High Groundwater (Potential Tranch Dewalering) Weitans / Waterbody Grossing Method? Instream Construction Window Biological Seasorg Construction Window (as of September 2017) Topsol Salvaga / Federal Landus Skill Risk Abergiosung Facilities (Reasonal Constructions)					DOUGLAS COUNTY Trib South Umpqua River Trib South Umpqua River Dry Open Cut / July 1 - Sept. 15 Dry Open Cut / July 1 - Sept. 15		Trib South Umpgus River Dry Open Cut / July 1 - Sept. 15
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remove stumps or root systems	stumps and grading activities to directly over the trench line. Do not grade or	ction Right-of-Way	Wetland			2b - District Designated Reserve (Non-Forest) 3a - Late-Successional Reserve (Moris Forest) 3b - Late-Successional Reserve (Moist Forest) 4a - Ricarian Reserve (Dry Forest)	O. DATE BY DESCRIPTION Sept-2017 EE Issued for FERC Cartificate Application 2 Aug-2019 EE Issued for FERC DEIS Response
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reclamation.5: If streams proposed to be open open cut method (i.e., flume, dar	cut are flowing at the time of construction, they will be crossed using a dry m & pump, etc.). If streams proposed to be dry open cut are not flowing at	Uncleared Storage Area	Drivat	P type and placement to be determined by Environmental Inspector based on le Berm or Sediment Barrier / Portable Bridge / Wetland Crossing (DB) (SB) nce (SF)		8 - Harvest Land Base (Moderate Intensity Timber Area)	
 Seed mixes in the ECRP or acc Pacific Connector understands 	tion clearing will occur as necessary. cording to landowner agreements or as directed by E.I. that fisheries' construction windows only apply to those waterbodies flowing	Aboveground Facility Rock Source/Disposal	-o Safety Slash	Fence (AF) Filter Windrow (SFW) ruction Entrance Pad (CE)		RISK SENSITIVITY RANK 1-Very Low 2-Low 3-Micclerate	200 0 200 400 FEET
at the time of construction and th	hat the windows do not apply to HDD crossings.		Const			4-High 5-Very High	

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Rock Source/Dispos	sal ·····	Slash Filter Windrow SFW Construction Entrance Pad CE
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						Legal Local	tion
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						Wetland / Wa	aterbody
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		DRAWN		DATE: AUG-2019	ISSUED FOR BID:		24x36 SCALE:1 Inch = 200 Feet
	400 FEET	CHECKI APPRO		DATE: AUG-2019 DATE: AUG-2019	ISSUED FOR CONSTRUCTION DRAWING NUMBER: 3430.29-06		11x17 SCALE:1 Inch = 450 Feet
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Legal Location		SEC 13, T29S, R6W	SEC 13, T295, R6W	
Ownership / Management		DC-301.039	DO-301.040	DO-301.041
Jurisdiction			DOUGLAS COUNTY	
Federal Landuse Allocation Areas of High Groundwater (Potential Trench Dewalering)				
Wetland / Waterbody				
Crossing Method') Instream Construction Window [®] Biological Seasonal Construction Window (as of September 2017)				
Topsoil Salvage / Federal Lands Soil Risk Hydrostatic Test Water Release / Aboveground Facilities / Residential				
Aboveground Facilities / Residential Survey Status (wetlands as of July 2017)			WETLAND SURVEY PENDING	
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or saturated soils are present. 4: Topsoil will be stripped from the	trench line and spoil storage area only in croplands, hayfields, pastures and	Temporary Construction Right-of-\ (Shown white on photography) Temporary Extra Work Area	Way 41- Roardin Reserve (Most Forest) Access Road 5 - Eastice Management Music Forest) 61 - Horest Land Bige (Monter Access Table 74) 61 - Horest Land Bige (Monter Access Table 74) 71 - Horest Land Bige (Monter Access Table 74) 71 - Horest Land Bige (Monter Access Table 74) 71 - Hor	u
residential areas. Topsoil may b reclamation.	e imported in residential areas as necessary to assure adequate cut are flowing at the time of construction, they will be crossed using a dry	Uncleared Storage Area	Note: BMP type and placement to be determined by Environmental Inspector based on site-specific conditions. 8 Harvet Land Base (Moderale Timber Ave Base (Moderale Timber)
open cut method (i.e., flume, dar the time of construction, they will	m & pump, etc.). If streams proposed to be dry open cut are not flowing at I be open cut.	Pipe Yard Aboveground Facility	Drivable Bern or Sediment Barrier / Portable Bridge / Wetland Crossing (08) (38) (78) (96) (97) (97) (97) (97) (97) (97) (97) (97	<
Seed mixes in the ECRP or according to the ECRP or according to	ion clearing will occur as necessary. sording to landowner agreements or as directed by E.I. that fisheries' construction windows only apply to those waterbodies flowing	Rock Source/Disposal	Safety Fence (Safe)	200 0 2
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	at the time of construction and that the winder	ows do not ap	ply to HDD cros	ssinas.	

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boveground Facility		Safety Fence SAF
ock Source/Disposal	~~~~	Slash Filter Windrow SFW
		Construction Entrance Pad CE

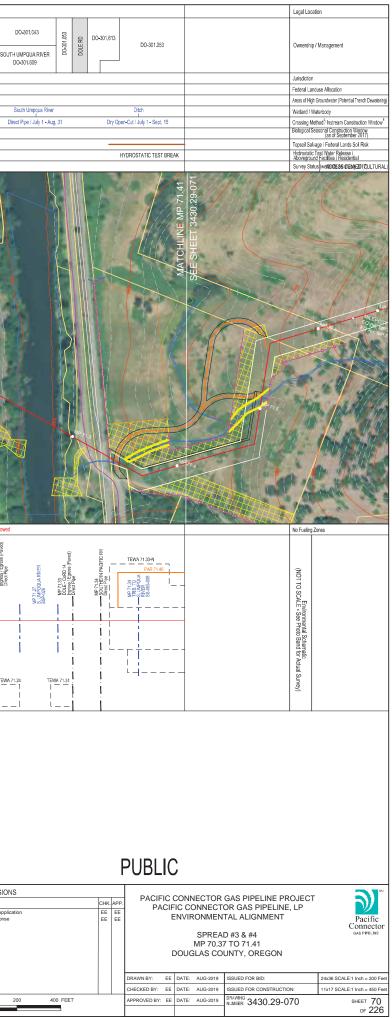
		Legal Location
		Ownership / Management
		Jurisdiction
		Federal Landuse Allocation Areas of High Groundwater (Potential Trench Dewatering)
		Wetland / Waterbody
		Crossing Method ⁵ Instream Construction Window ⁶ Biological Seasonal Construction Window (as of September 2017) Topsol Salvage / Federal Lands Sol Risk Hurdnettic Test Mater Datasea /
		Hydrostatic Test Water Release / Aboveground Facilities / Residential Survey Status (wetlands as of July 2017)
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		Pacific Connector
	SPREAD #3 MP 69.62 TO 70.37	GAS PIPELINE
	DOUGLAS COUNTY, OREGON	
	DRAWN BY: EE DATE: AUG-2019 ISSUED FOR BID:	24x36 SCALE:1 Inch = 200 Feet
200 400 FEET	APPROVED BY: EE DATE: AUG-2019 ISSUED FOR CONSTRUCTION APPROVED BY: EE DATE: AUG-2019 DRAWING 3430 290	

SHEET 69 OF 226 200 400 FEET APPROVED BY: EE DATE: AUG-2019 RAWING NUMBER: 3430.29069

VINIE 1 000000000000000000000000000000000000		Legal Location	SEC 18, T29S, R6W	SEC 18, T285, R5W	SEC 18, T2	29S, R5W
		Ownership / Management		DO-301.041	DO-301.042	
				DOUGLAS COUNTY	Υ	
					DEC - MAR	
		Wetland / Waterbody			Trib to S Umpqua River	
		Crossing Method 7 Instream Construction Window* Biological Seasonal Construction Window			Dry Open-Cut / July 1 - Sept. 15	
		Topsoil Salvage / Federal Lands Soil Risk				
		Hydrostatic Test Water Release / Aboveground Facilities / Residential				
		Survey Status (wetlands as of July 2017)				
1: In wellands cut vegetation off at ground level, leaving existing root systems in place and remove the vegetation form the welland for disposal. - Proposed Pipeline Tax Parcel Boundaries 2: In wellands limit pulling of tree stumps and grading activities to directly over the trench line. Do not grade or remove stumps or root systems from the rest of the construction right-of-way. No DATE BY 2: In wellands limit pulling of tree stumps and grading activities to directly over the trench line. Do not grade or remove stumps or root systems from the rest of the construction right-of-way. No DATE BY DESOR/PTON 2: In wellands segregate the top one foot of possil from the trench line, except in areas where standing water reclamation. Temporary Construction Right-of-Way No Stream No DATE BY DESOR/PTON 3: In wellands accepted at feavor (P) front) In wellands segregate the top one foot of possil from the trench line, except in areas where standing water reclamation. Temporary Construction Right-of-Way Stream Access Road Permanent / Temporary Access Road (PAR / TAR) Access Road 4: Toyscil Will be stripped from the trench line, dam & punp, etc.). If streams proposed to be open out are flowing at the time of construction, they will be crossed using a dry open out are not flowing at the time of construction, they will be crossed to be dry open out are not flowing at the time of construction, they will be crossed to be dero ontortune ton, they will be construction, they will be construction,	: In wellands cut vegetation off at ground level, leaving existing root systems in place and remove the vegetation for disposal. : In wellands limit pulling of tree stumps and grading activities to directly over the trench line. Do not grade or remove stumps or root systems from the rest of the construction right-of-Way in vegetation for disposal. : In wellands limit pulling of tree stumps and grading activities to directly over the trench line. Do not grade or remove stumps or root systems from the rest of the construction right-of-Way in vegetation for photography. : In wellands cuise segregate the top one foot of topsoil from the trench line except in areas where standing water remover stumps or root systems from the trench line and spoil storage area only in croplands, haylields, pastures and residential areas as necessary to assure adequate residential areas as necessary to assure adequate restant. : If streams proposed to be opon cut are flowing at the time of construction, they will be conset using a dry open cut are not flowing at the time of construction, they will be conset using a dry open cut are not flowing at the time of construction, they will be conset using a dry open cut are not flowing at the time of construction, they will be conset using a dry open cut are not flowing at the time of construction, they will be conset using a dry open cut are not flowing at the time of construction, they will be conset using a dry open cut are not flowing at the time of construction, they will be conset using a dry open cut are not flowing at the time of construction, they will be conset using a dry open cut are not flowing at the time of construction, they will be conset using a dry open cut are not flowing at the time of construction, they will be conset using a dry open cut are not flowing at the time of construction, they will be conset using a dry open cut are not flowing at the time of construction, they will be conset using a dry open cut are not flowing at the time of construction, they will be co	Nor-Working Side				<u>特文</u> 聖吉 特品
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Pacific Connector understands that fisheries' construction windows only apply to those waterbodies
at the time of construction and that the windows do not apply to HDD crossings.

$\sim \sim \sim \sim$	Uncleared Storage Area	N N	Note: BMP type and placement to be determined by Environmental Inspe-
***	Pipe Yard		Drivable Berm or Sediment Barrier / Portable Bridge / Wetland Cross
	Aboveground Facility	-0	Silt Fence SF
	Aboveground Facility		Safety Fence SAF
\otimes	Rock Source/Disposal	$\sim \sim \sim$	Slash Filter Windrow SFW
~~~~			Construction Entrance Pad CE

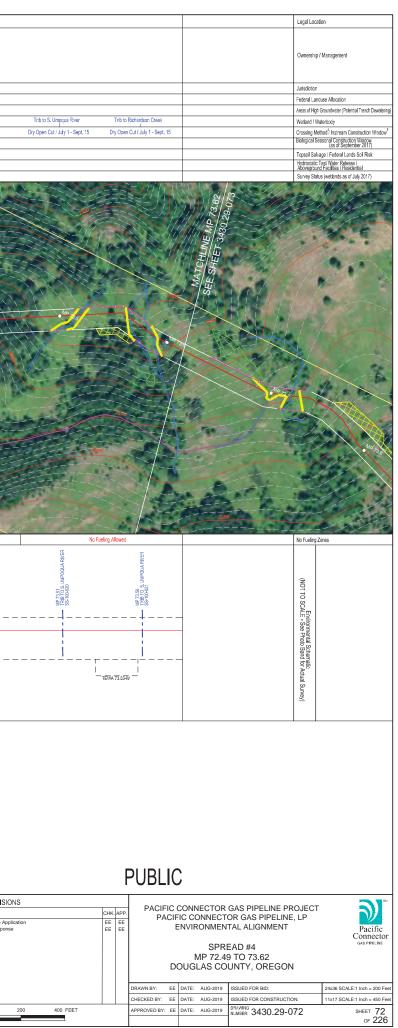


Legal Location		SEC 18, T29S, R5W		SEC 7, T285, R5W			SEC 8, T29S, R5W
Ownership / Management		DO-301.052	DO-325.010	DQ-301.045	DQ-301.046		DO-301.047
Jurisdiction Federal Landuse Allocation					DOUG	AS COUNTY	
Areas of High Groundwater (Potential Trench Dewatering)		Telb to C Limonus Divor					
Wetland / Waterbody Crossing Method ⁵ /Instream Construction Window ⁸		Trib to S Umpqua River					
Biological Seasonal Construction Window (as of September 2017)							
Topsoil Salvage / Federal Lands Soil Risk Hydrostatic Test Water Release / Aboveground Facilities / Residential	BVA #6 CLARKS BRANCH N BVA #6 LAUNCHER / RECEIV	IS, FR	-				
Survey Status (wetlands as of July 2017)			ENIED (WETLAND)				ACCESS DENIED (WETLAND)
Ne Fueling Zones							
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	Legal Location Ownership / Management
	Jurisdiction Federal Landuse Allocation
	Areas of High Groundwater (Potential Trench Dewatering) Wetland / Waterbody
	Crossing Method ⁵ Instream Construction Window ⁸ Biological Seasonal Construction Window (as of September 2017)
	Topsoil Salvage / Federal Lands Sol Risk Hydrostatic Test Water Release / Aboveground Facilities / Residential
	Survey Status (wetlands as of July 2017)
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SPREAD #4 MP 71.41 TO 72.49	
DOUGLAS COUNTY, OREGON	
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	of 226

Legal Location			S	EC 8, T29S, R5W			SEC 9, T29S, R5W	
Ownership / Management				DO-301.047				DO-301.048
Jurisdiction					DOUGLAS COUNTY			
Federal Landuse Allocation								
Areas of High Groundwater (Potential Trench Dewatering) Wetland / Waterbody					Trib to S. Umpqua River			
Crossing Method ⁵ Instream Construction Window ⁸					Dry Open Cut / July 1 - Sept. 15			
Biological Seasonal Construction Window (as of September 2017) Topsoil Salvage / Federal Lands Soil Risk								
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6: Right-of-way grading or vegetation     7: Seed mixes in the ECRP or accommode     8: Pacific Connector understands the	ording to landowner ag		Rock Source/Disposal	Slash Filter Windrow SFW	5		1-Very Low 2-Low 3-Moderate 2	200 0
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Legal Location	n	SEC 9, T295, R5W		SEC 10, T295, R5W
Ownership / Managemen		DO-301.048	DO-301.049	DO-301.050
Jurisdiction	n		DOUGLAS COUNTY	
Federal Landuse Allocation	1			
Areas of High Groundwater (Potential Trench Dewalering) Wetland / Waterbody		WW-405-406 This to Richardson Creek		
Crossing Method ⁷ Instream Construction Window Biological Seasonal Construction Window (as of Seatember 2017)		Dry Open Cut / July 1 - Sept. 15		
Topsoil Salvage / Federal Lands Soil Risk	k			
Hydrostatic Test Water Release Aboveground Facilities / Residentia Survey Status (wetlands as of July 2017)	al )		WETLAND SURVEY PENDING	
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	Aboveground Facility	-0	Silt Fence SF
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	Rock Source/Disposal	~~~~	Slash Filter Windrow SFW
			Construction Entrance Pad CE

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	29S, R5W			Legal Loca	tion
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NUMBER: 3430.29-073 SHEET 73 0F 226	200	CHECKED B	Y: EE DATE: AUG-2019	ISSUED FOR CONSTRUCTION:	11x17 SCALE:1 Inch = 450 Feet
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Legal Location	SEC 10, T295,	R5W	SEC 3, T285, R5W	SEC 34, T28S, R5W
		DO-301.072		
Ownership / Management			DO-301.051	DO-355.501
Jurisdiction Federal Landuse Allocation			BLM-ROSEBURG DISTRICT	DOUGLAS COUNTY
Areas of High Groundwater (Potential Trench Dewalering)				
Wetland / Waterbody				
Crossing Method ⁵ Instream Construction Window ⁸				
Biological Seasonal Construction Window (as of September 2017)				
Topsoil Salvage / Federal Lands Soil Risk Hydrostatic Test Water Release / Aboveground Facilities / Residential				
Aboveground Facilities / Residential Survey Status (wetlands as of July 2017)				
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SEC 34, T285, R5W	Legal Location
DO-355.501	Ownership / Management
DOUGLAS COUNTY	Jurisdiction
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				SEC 2, T29S, R5W				
	Legal Location Ownership / Management		D0-365.501	5EC 2, 1295, KBW	D0-350,056	D0-355.001	DC-355.000	
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	Areas of High Groundwater (Potential Trench Dewalering)							
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4: Topscil will be stripped from the trench line and spoil storage area only in croplands, hayfelds, pastures and residential areas. Topscil may be imported in residential areas as necessary to assure adequate residential areas. Topscil may be imported in residenting interver in residential areas. Topscil may be	<ol> <li>In wetlands cut vegetation off at g</li> </ol>	ground level, leaving existing root systems in place and remove the		Tax Parcel Boundaries		BLM LA		
4: Topscil will be stripped from the trench line and spoil storage area only in croplands, hayfelds, pastures and residential areas. Topscil may be imported in residential areas as necessary to assure adequate residential areas. Topscil may be imported in residenting interver in residential areas. Topscil may be	<ul> <li>vegetation from the wetland for di</li> <li>In wetlands limit pulling of tree st remove stumps or root systems fr</li> </ul>	isposal. tumps and grading activities to directly over the trench line. Do not grade or rom the rest of the construction right-of-way.	Construction Right-of-Way	Wetland		2a - District De 2b - District De 3a - Late-Succo 3b - Late-Succo	signated reserve (Non-Forest) signated Reserve (Non-Forest) solonal Reserve (Most Forest) estoral Reserve (Most Forest) assignation (Non Forest) a	
5: If streams proposed to be open cut are flowing at the time of construction, they will be crossed using a dry open cut are not flowing at the time of construction, they will be constructed. They will be constructed to a sub-standard that infinite the sub-stan	<ul><li>or saturated soils are present.</li><li>4: Topsoil will be stripped from the t</li></ul>	trench line and spoil storage area only in croplands, hayfields, pastures and	Temporary Extra Work Area	Access Road	oad (PAR / TAR)	43. Répartan R 4b. Répartan R 5 Eastside M 6 Hanvest La	server (vol) Fridesin server (Most Freest) langement Area nd Base (Inceren-Aged Timber Area) nd Base (Incerently Timber Area)	
	reclamation. 5: If streams proposed to be open of	cut are flowing at the time of construction, they will be crossed using a dry	Uncleared Storage Area	Note: BMP type and placement to	be determined by Environmental Inspector based on site-specific conditions.			
B: Pacific Connector understands that fiberies' construction windows only put to HDD crossings.       Now       Now         B: Pacific Connector understands that fiberies' construction windows on on apply to HDD crossings.       Now       Now         B: Pacific Connector understands that fiberies' construction windows on on apply to HDD crossings.       Now       Now	6: Right-of-way grading or vegetation	be open cut. on clearing will occur as necessary.	Aboveground Facility	Silt Fence SF Safety Fence SAF		RISK SI	ENSITIVITY RANK	
	8: Pacific Connector understands th	hat fisheries' construction windows only apply to those waterbodies flowing		Construction Entrance Pad	)	2-Low 3-Moderate 4-tigh 5-Very High	200	0 ;

: Pacific Connector understands that fisheries' construction windows only apply to those wat	terbodies flowing	
at the time of construction and that the windows do not apply to HDD crossings.		

$\sim\sim\sim\sim$	encloared etchage / trea		Note: BMP type and placement to be determined by Environmental Inspector b
	Pipe Yard		Drivable Berm or Sediment Barrier / Portable Bridge / Wetland Crossing
	Aboveground Facility		Silt Fence (SF) Safety Fence (SAF)
***	Rock Source/Disposal	$\sim$	Slash Filter Windrow (SFW) Construction Entrance Pad (CE)

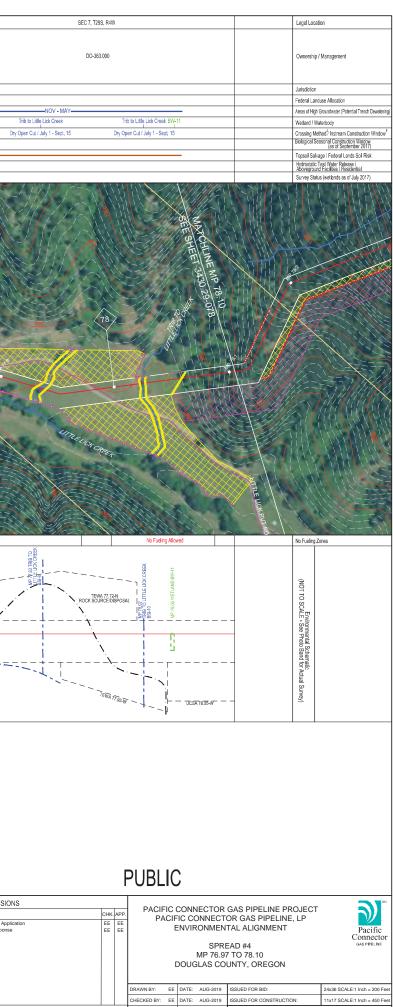
	Legal Location
	Ownership / Management
	Jurisdiction
	Federal Landuse Allocation Areas of High Groundwater (Potential Trench Dewatering)
	Wetland / Waterbody
	Crossing Method ⁹ Instream Construction Window ⁶ Biological Seasonal Construction Window (as of September 2017)
	Topsoil Salvage / Federal Lands Sol Risk Hydrostatic Test Water Release / Aboveground Facilities / Residential
X2-24-20	Survey Status (wetlands as of July 2017)
	A DECEMBER OF THE OWNER
	A CONTRACTOR OF THE
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	No Fueling Zones
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	(NOT TC
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	TOR GAS PIPELINE PROJECT
PACIFIC CONN	IECTOR GAS PIPELINE, LP
	SPREAD #4 Connector GAS PIPELINE
	75.50 TO 76.00 S COUNTY, OREGON
CHECKED BY: EE DATE: AUG	3-2019         ISSUED FOR BID:         24x36 SCALE:1 Inch = 200 Feet           3-2019         ISSUED FOR CONSTRUCTION:         11x17 SCALE:1 Inch = 450 Feet
	3-2019 ISSUED FOR CONSTRUCTION: 11x17 SCALE:1 Inch = 450 Feet

Legal Location		SEC 2, T295,	R5W		SEC 1, T29S, R5W
Ovnership / Management	D0-356.000 DC-	57.000 DO-356.000	00461103 000R0103 3.000		DO-359.000
Jurisdiction Federal Landuse Allocation Areas of High Groundnetter (Potential Terror Devalering) Weitand / Waterbody Crossing Method ⁷ Instream Construction Window ⁸ Biological Seasong (Construction Window (as of September 2017)	BLM-ROSEBURG	DISTRICT	Bilger Creek Dry Open Cut / July 1 - Sept. 15	DOUGLAS COUNTY	BW-2 I
(as of experience 2017) Topsoll Selvage / Federal Lands Soil Risk Hydrostatic Test Water Release / Aboveground Facilities / Residential Survey Status (wetlands as of July 2017)	2	2/3	-		
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No Fueling Zones			No Fueling Allowed	(Participanti Carteria)	No Fueling Allowed
Non-Working Side	т <u>ычалося</u> н іі_		B 0 3 3 3 3 3 3 3 3 3 3 3 3 3	ос енергия население население население население население население население население население население население население население население население население население население население население население население население население население население население население население население население население население население население население население население население население население население население население население население население население население население население население население население население население население население население население население население население население население население население население население население население население население население население население население население население население население население население население население население население население население население население население население население население население население население население население население население население население население население население население население население население население население население население население население население население население население население население население население население население население население население население население население население население население население население население население население население население население население население население население население население население население население население население население население население население население население население население население население население население население население население население население население население население население население население население население население население население население населени	р
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	Legal Location
	Ownership / Management
	Jurisdiction Federal Landuse Allocation Areas of High Groundwater (Patertal Trench Devalering) Wetland (Watehody Crossing Method) Instream Construction Window Biological Seasonal Construction Window Biological Seasonal Construction Window Constitution Construction Window Biological Seasonal Construction Biological Seasonal Co
	Hydrostalic Tesl Water Release / Aboveground Facilities / Residential Survey Status (wetlands as of July 2017)
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DOUGLAS COUNTY, OREGON DRAWN BY: EE DATE: AUG-2019 ISSUED FOR BID: CHECKED BY: EE DATE: AUG-2019 ISSUED FOR CONSTRUCTIC	24x36 SCALE:1 Inch = 200 Feet DN: 11x17 SCALE:1 Inch = 450 Feet
200 400 FEET APPROVED BY: EE DATE: AUG-2019 ISSUED FOR CONSTRUCTION MIMBER: 3430.29-0	

Legal Location	SEC 1, T295, R5W		SEC 12, T29S, R5W	
Ownership / Management	DO-356.000	DO-361.000	DO-362.000	
Jurisdiction Federal Landuse Allocation		DOUGLAS COUNTY		
Areas of High Groundwater (Potential Trench Dewalering)				
Wetland / Waterbody Crossing Method Ĵ Instream Construction Window ⁸			BW-258 BW-5 Little Lick Creek Dry Open Cut / July 1 - Sept. 15	Trib to Little Lick Creek I Dry Open Cut / July 1 - Sept. 15
Biological Seasonal Construction Window (as of September 2017)			bry open outriduity in deput to	bry open outrably in deputing
Topsoil Salvage / Federal Lands Soil Risk				
Hydrostatic Test Water Release / Aboveground Facilities / Residential Survey Status (wetlands as of July 2017)				
Strieg State (wellands as of July 2017)				
No Fueling Zines		. IENA // 2047 / /	No Fueling Allowed           0000         0000           0000         0000           0000         0000           0000         0000           0000         0000           0000         0000           0000         0000           0000         0000           0000         0000           0000         0000           0000         0000           0000         0000           0000         0000           00000         0000	7.2 N
<ul> <li>NOTES:</li> <li>1: In wetlands cut vegetation off at ground level, leaving exis vegetation from the wetland for disposal.</li> <li>2: In wetlands limit pulling of tree stumps and grading activiti remove stumps or root systems from the rest of the construction studies are present.</li> <li>4: Topsoil will be stripped from the trench line and spoil store residential areas. Topsoil may be imported in residential areas. Topsoil may be imported in residential areas.</li> <li>5: If streams proposed to be open cut are flowing at the time open cut method (i.e., flume, dam &amp; pump, etc.). If stream the time of construction, they will be open cut.</li> <li>6: Right-Orway grading or vegetation clearing will occur as n</li> <li>7: Seed mixes in the ECRP or according to landowner agree</li> <li>8: Padific Connector understands that fisheries' construction at the time of construction and that the windows do not appending the time of construction and that the windows do not appendix.</li> </ul>	es to directly over the trench line. Do not grade or uction right-of-way. trench line, except in areas where standing water age area only in croplands, hayfields, pastures and reas as necessary to assure adequate of construction, they will be crossed using a dry is proposed to be dry open cut are not flowing at uecessary. ments or as directed by E.I. windows only apply to those waterbodies flowing	Tax Parcel Boundaries         Wetland         Stream         Access Road         Permanent / Temporary Access Road (PAR / TAR)         Note: BMP type and placement to be determined by Environmental Inspector based on site-specific conditions.         Divable Bern or Sediment Barrier / Portable Bridge / Wetland Crossing (DB (B) (W) (W)         Site Fence (B)         Safety Fence (B)         Slash Filter Windrow (BM)         Construction Entrance Pad (EE)	BLM LANDUSE         - 2016 RMP           2a - Datric Designation Reserve (No-frame) 2b - Other Designation Reserve (No-Frame) 3b - LabeRocencement Reserve (No-Frame) 3b - LabeRocencement Reserve (No-Frame) 3b - LabeRocencement Reserve (No-Frame) 3b - LabeRocencement Reserve (No-Frame) 3b - Reserve (No-Fram) 3b - Reserve (No-Fram) 3b - Reserve (No-Frame)	BY         DESCRIPTION           EE         Insued for FERC Certificate Application           EE         Insued for FERC DEIS Response           200         0         200         400

	Pipe Yard		Drivable Berm or Sediment Barrier / Portable Brid
		-0	Silt Fence SF
	Aboveground Facility		Safety Fence SAF
	Rock Source/Disposal	~~~~	Slash Filter Windrow SFW
<u>~~~~</u>			Construction Entrance Pad CE
			-



SUED FOR CONSTRUCTION

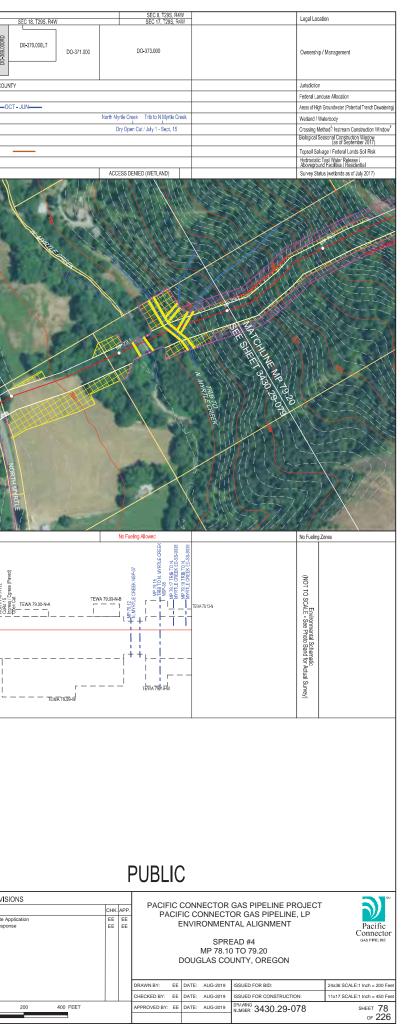
APPROVED BY: EE DATE: AUG-2019

RAWING 3430.29-077

11x17 SCALE:1 Inch = 450 Fee

SHEET 77 OF 226

Legal Location	n				SEC 7, T295, R4W		
							RD SEEK
Ownership / Management	ıt	DO-363.000		DO-365.000		DO-366.000	DO-368,000 MYRTLE CREEK CMYRTLE CREEK DO-369,000FD
							N N N N N N N N N N N N N N N N N N N
Jurisdiction	1	DOUGLAS COUNTY		BLM - ROSEBURG DISTRICT			DOUGLAS CO
Federal Landuse Allocation				6			
Areas of High Groundwater (Potential Trench Dewatering) Wetland / Waterbody							
Crossing Method ⁵ /Instream Construction Window ⁸	8						
Biological Seasonal Construction Window (as of September 2017) Topsoil Salvage / Federal Lands Soil Risk		3 2		5 (No Activity))	2		
Hydrostatic Test Water Release Aboveground Facilities / Residentia	/			l.			
Survey Status (wellands as of July 2017)							ACCESS DENIED
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		SE					49
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No Fueling Zones	3		No Fueling Allowed			× ) ! ! \$ (12.85.553.65 (2.10.111))	12140, <b>N</b> (1232334) - 1
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NOTES: 1. In welfands out vegetation off at	t pround lawal territors and	sting root systems in place and some	ve the			BLM LANDUSE - 2016 RMP	REVI
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<ol> <li>In wetlands cut vegetation off al vegetation from the wetland for</li> <li>In wetlands limit pulling of trees remove stumps or root systems</li> <li>In wetlands segregate the top o or saturated soils are present.</li> <li>Topsoil will be stripped from the</li> </ol>	disposal. stumps and grading activi from the rest of the const one foot of topsoil from the e trench line and spoil stoi	ties to directly over the trench line. D ruction right-of-way. e trench line, except in areas where s rage area only in croplands, hayfields	Proposed Pipeline           Do not grade or standing water         Construction Right-of-Way           Speatures and         Temporary Construction Right-of-Way (Shown white on photograph)	Wetland		2a - District Designated Reserve (No Harvest)         NO.         DATE           2b - District Designated Reserve (No-Harvest)         Soph-2017         Soph-2017           3b - Lake-Docessetoral Reserve (Not Sirvest)         Soph-2017         Aug-2019           4b - Robit Reserve (Not Sirvest)         2         Aug-2019           5b - Eastwork Reserve (Not Reserve)         2         Aug-2019           5b - Eastwork Reserve (Not Reserve)         2         Aug-2019	BY DESCRIPTION
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<ol> <li>In wetlands cut vegetation off at vegetation from the wetland for.</li> <li>In wetlands limit pulling of tree a remove stumps or root systems 3: In wetlands segregate the top o or saturated soils are present.</li> <li>Topsoil will be stripped from the residential areas. Topsoil may be reclamation.</li> <li>If streams proposed to be open open cut method (i.e., flume, da the time of construction, they will</li> </ol>	disposal. stumps and grading activit from the rest of the const one foot of topsoil from the e trench line and spoil sto be imported in residential in cut are flowing at the tim m & pump, etc.). If strear il be open cut.	ties to directly over the trench line. D ruction right-of-way. trench line, except in areas where s 'age area only in croplands, hayfields areas as necessary to assure adequi e of construction, they will be crosser ns proposed to be dry open cut are r	ove the     Proposed Pipeline       Do not grade or standing water s, pastures and ate     Construction Right-of-Way       S, pastures and ate     Temporary Construction Right-of-Way       Uncleared Storage Area     Uncleared Storage Area       Uncleared Storage Area     Pipe Yard	Wetland Stream Access Road Permanent / Temporary Access Road (PAR / TAR) Note: BMP type and placement to be determined by Enviror Drivable Berm or Sediment Barrier / Portable Bridge / We Silt Fence (SP)		22 - Distrib Designation Reserve (bis Horset)     22 - Distrib Designation Reserve (bis Horset)     23 - Land-Discossical Reserve (bit of Forest)     24 - Reclaration Reserve (bit of Forest)     44 - Reclaration Reserve (bit of Forest)     45 - Easteloid Reserve (bit of Forest)     5 - Easteloid Reserve (bit of Forest)     5 - Easteloid Reserve (bit of Forest)     5 - Horset Land Bisso (MacGerian Internety Timber Area)     8 - Harvest Land Bisso (MacGerian Internety Timber Area)     FEDERAL LANDS SOIL	BY DESCRIPTION
<ol> <li>In wetlands cut vegetation off at vegetation from the wetland for.</li> <li>In wetlands limit pulling of tree st remove stumps or root systems.</li> <li>In wetlands segregate the top o or saturated soils are present.</li> <li>Topsoil will be stripped from the residential areas. Topsoil may be realarmation.</li> <li>If streams proposed to be open open cut method (i.e., flume, da the time of construction, they will</li> <li>Right-of-way grading or vegetat</li> <li>Seed FRP or acc</li> </ol>	disposal. stumps and grading activit from the rest of the const one foot of topsoil from the a trench line and spoil sto be imported in residential ocut are flowing at the tim im & pump, etc.). If strear ill be open cut. tion clearing will occur as sording to landowner age	ties to directly over the trench line. D ruction right-of-way. trench line, except in areas where s age area only in croplands, hayfields areas as necessary to assure adequa e of construction, they will be crossed ns proposed to be dry open cut are r necessary.	ove the     Proposed Pipeline       Do not grade or standing water s, pastures and late     Construction Right-of-Way       Uncleared Storage Area     Uncleared Storage Area       Uncleared Storage Area     Pipe Yard       Aboveground Facility     Rock Source/Disposal	Wetland Stream Access Road Permanent / Temporary Access Road (PAR / TAR) Note: BMP type and placement to be determined by Enviror Drivable Berm or Sediment Barrier / Portable Bridge / We		2a - District Designated Reserve (No Harvest)         NO.         DATE           2b - District Designated Reserve (No-Frenst)         September 2017         September 2017           3b - Labe Consistent Reserve (No-Frenst)         September 2017         Aug-2019           4b - Road on Reserve (No-Forst)         2         Aug-2019           5 - Eastivic Management Area         (No-Konstant)         2         Aug-2019           6 - Hourset Land Base (Liver-Appd Timber Area)         7         Hurvest Land Base (Liver-Appd Timber Area)         8           8 - Harvest Land Base (Matchast Internety) Timber Area)         8         Harvest Land Base (Matchast Internety) Timber Area)         8	BY DESCRIPTION



Legal Location			SEC 17, T29S, R4W		
Ownership / Management		D0-373.000	D0-374.000	D0-375.000	
omisianiji / managethetit		00415000	UU-0)=300	DORNOUNU	
Jurisdiction Federal Landuse Allocation		DOUGLAS	COUNTY	BLM - ROSEBURG DISTRICT 6	
Areas of High Groundwater (Potential Trench Dewalering) Wetland / Waterbody				1	
Crossing Method ³ Instream Construction Window ⁶ Biological Seasonal Construction Window (as of September 2017)					
Topsoil Salvage / Federal Lands Soil Risk Hydrostatic Test Water Refease / Aboveground Facilities / Residential			NONE	3 2 3 2	
Survey Status (wellands as of July 2017)			ACCESS DENIED (CULTURAL)		
	PERSPECT 3430.92 078				
No Fueling Zones		No Fueling Allowed		CSA 78,654-5	-
<ul> <li>vegetation from the wetland for of</li> <li>2: In wetlands limit pulling of trees remove stumps or root systems f</li> <li>3: In wetlands segregate the top or or saturated soils are present.</li> <li>4: Topsoil will be stripped from the residential areas. Topsoil may be reclamation.</li> <li>5: If streams proposed to be open-open cut method (i.e., flume, dan the time of construction, they will</li> <li>6: Right-of-way grading or vegetal</li> <li>7: Seed mixes in the ECRP or accc</li> <li>8: Pacific Connector understands 1</li> </ul>	tumps and grading activities to directly over the trench line. Do not grade or nor the rest of the construction right-of-Way ne foot of topsoil from the trench line, except in areas where standing water trench line and spoil storage area only in croplands, hayfields, pastures and imported in residential areas as necessary to assure adequate cut are flowing at the time of construction, they will be crossed using a dry a & pump, etc.). If streams proposed to be dry open cut are not flowing at	-of-Way -of-Wa	mental Inspector based on site-specific conditions.	3b - Lute-Sociestical Rearies (block forsing)     2     Aug-2019     EE     Issue       4r. Rotarin Rearies (D) Forsing)     5. elasticol Managemini Alka     2     Aug-2019     EE     Issue       5. elasticol Managemini Alka     6. e-Harnest Land Base (Unerma-Aged Timber Area)     2     Aug-2019     EE     Issue       7. elaveral Land Base (Unerma-Aged Timber Area)     2     Aug-2019     EE     Issue       FEEDERAL LANDS SOIL RISK SENSITIVITY RANK     1-Marca Land Base (Unerma-Aged Timber Area)     2     Aug-2019     EE     200	REVISIONS CRIPTION ef for FERC Certificate Applicat de for FERC DEIS Response

Pacific Connector understands that fisheries	construction windows	only apply to the	ose waterboo
at the time of construction and that the windo	ws do not apply to HDI	D crossings.	

$\sim$	Pipe Yard		Drivable Berm or Sediment Barrier / Portable Bridge / Wetland Crossing
	Aboveground Facility	-0	Silt Fence SF
	Aboveground raciity	<b>—</b> —	Safety Fence SAF
XX	Rock Source/Disposal	~~~~	Slash Filter Windrow SFW
			Construction Entrance Pad CE

			Legal Locati	ion
			Ownership /	/ Management
			Jurisdiction	
				iuse Allocation Groundwater (Potential Trench Dewatering)
			Wetland / Wa	aterbody
			Biological Sei	thod ⁵ Instream Construction Window ⁶ asonal Construction Window (as of September 2017)
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sponse	EE EE EN	VIRONMENTAL ALIGNMENT		Pacific Connector GAS PIPELINE
		SPREAD #4 MP 79.20 TO 79.85		GAS PIPELINE
		UGLAS COUNTY, OREGON		
		TE: AUG-2019 ISSUED FOR BID: TE: AUG-2019 ISSUED FOR CONSTRUCT	ION:	24x36 SCALE:1 Inch = 200 Feet 11x17 SCALE:1 Inch = 450 Feet
200 400 FEET	APPROVED BY: EE DA			SHEET 79

SHEET 79 OF 226 400 FEET APPROVED BY: EE DATE: AUG-2019 DRAWING 3430.29-079 200

Legal Location				SEC 17, T29S, R4W		
Ownership / Management			D0-375.000			D0-3
Jurisdictor Federal Landuse Allocation Areas of High Groundwater (Potential Travit Dewaterlag) Westand (Waterbody	δ	26	BLM - ROSEBURG DISTRICT 6	2b 6 2b	6 20	DOUGLAS
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NOTES:         1: In wetlands cut vegetation off at ground level, leaving existing root syst vegetation from the wetland for disposal.         2: In wetlands limit pulling of tree strumps and grading activities to directly remove strumps or root systems from the rest of the construction righto-13: In wetlands segregate the top one foot of topsoil from the trench line, e or saturated soils are present.         4: Topsoil will be stripped from the trench line and spoil storage area only residential areas. Topsoil may be imported in residential areas as nece reclamation.         5: If streams proposed to be open cut are flowing at the time of construction open cut method (i.e., flume, dam & pump, etc.). If streams proposed the ime of construction, they will be open cut.         6: Right-Orway grading or vegetation clearing will occur as necessary.	ms in place and remove the over the trench line. Do not grade or way. ccept in areas where standing water in croplands, hayfields, pastures and sary to assure adequate n, they will be crossed using a dry		Tax Parcel Boundaries Wetland Stream - Access Road - Permanent / Temporary Access Road (PAR / TAR) Note: BMP type and placement to be determined by Environmental Insp Drivable Bern or Sediment Barrier / Portable Bridge / Wetland Cros		2b - District Designated Reserve (Non-Forest) 3a J ate-Successional Reserve (Dry Forest) Si	REVISIONS DATE BY DESCRIPTION spt-2017 EE Issued for FERC Certificate Applicat Issued for FERC DEIS Response

		Legal Location
DO-377.000		Ownership / Management
DOUGLAS COUNTY	F	urisdiction Federal Landuse Allocation
		reas of High Groundwater (Potential Trench Dewatering) Vetland / Waterbody
		Crossing Method ⁵ Instream Construction Window ⁸
	1	iological Seasonal Construction Window (as of September 2017) Topsoil Salvage / Federal Lands Soil Risk
		Hydrostatic Test Water Release / Aboveground Facilities / Residential Survey Status (wetlands as of July 2017)
2017-103.71 Change California Change California		to Fueling Zones
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/ISIONS CHK APP. Application EE EE EE EE	PACIFIC CONNECTOR GAS PIPELINE PRO PACIFIC CONNECTOR GAS PIPELINE, ENVIRONMENTAL ALIGNMENT SPREAD #4 MP 79.85 TO 80.80 DOUGLAS COUNTY, OREGON	
	RAWN BY: EE DATE: AUG-2019 ISSUED FOR BID:	24x36 SCALE:1 Inch = 200 Feet
200 400 FEET A	CHECKED BY:         EE         DATE:         AUG-2019         ISSUED FOR CONSTRUCTION:           INPROVED BY:         EE         DATE:         AUG-2019         DRAWING NUMBER:         3430.29-08	
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Legal Location		SEC 17, T29S, R4W	SEC 20, T29S, R4W					SEC 21, T29S, R4W			
Legal Location Ownership / Management		D0-377.000	DO-378.000	DO-379.000	DO-380.000	WRTLE CREEK CNITY RD 18 DC-389.000RD DC-382.000	JTH MYRTLE CR. JO-372.000WC	Set 21, 1295, K4W DO-382,000			DC-383.000
						500			B/7V		
Jurisdiction Federal Landuse Allocation								DOUGLAS CO	INTY		
Areas of High Groundwater (Potential Trench Dewatering) Wetland / Waterbody							South Myrtle Creek	Trib to S I	lyrlle Creek BW-173 T	to South Myrtle Creek	NOV - MAY
Crossing Method ⁵ Instream Construction Window ⁸							Open Cut / July 1 - Sept. 15			Open Cut / July 1 - Sept. 15	
Biological Seasonal Construction Window (as of September 2017) Topsoil Salvage / Federal Lands Soil Risk											
Hydrostatic Test Water Release / Aboveground Facilities / Residential Survey Status (wetlands as of July 2017)									ACCESS DENIED (WETLAND)		
Survey Status (Neural Os as Of Soly 2017)	0								ACCESS DENIED (NET LAND)		
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NOTES: 1: In wetlands cut vegetation off at vegetation from the wetland for d	ground level, leaving existing root systems in place and	remove the	Proposed Pipeline	Tax Parcel Bound	daries				BLM LANDUSE - 2016 R 2a - District Designated Reserve (No Harvest)		REVIS
<ol> <li>In wetlands limit pulling of tree st remove stumps or root systems fr</li> </ol>	tumps and grading activities to directly over the trench li rom the rest of the construction right-of-way.	ne. Do not grade or Construct	tion Right-of-Way	Wetland					2a - District Designated Reserve (No Harvest) 2b - District Designated Reserve (Non-Forest) 3a - Late-Successional Reserve (Dry Forest) 3b - Late-Successional Reserve (Most Forest)	Sept-2017 EE	Issued for FERC Certificate Ap Issued for FERC DEIS Respo
<ol> <li>In wetlands segregate the top on or saturated soils are present.</li> </ol>	he foot of topsoil from the trench line, except in areas wh	ere standing water	Temporary Construction Right-of-Way (Shown white on photography)	Stream Access Road					39 - Late-Successional Reserve (Moti Forest)     4a - Rotation Reserve (Dy Forest)     4b - Rotation Reserve (Moti Forest)     4b - Rotation Reserve (Moti Forest)     5 - Eaststore Management Area     6 - Harvest Land Base (Univers-Aged Timber Area		
<ol> <li>Topsoil will be stripped from the residential areas. Topsoil may be reclamation.</li> </ol>	trench line and spoil storage area only in croplands, hay e imported in residential areas as necessary to assure a	dequate	Temporary Extra Work Area	Permanent / Tem	porary Access Road (PA		reporter based or -	ite-specific conditions	6 - Harvest Land Base (Uneven-Aged Timber Area     7 - Harvest Land Base (Low Intensity Timber Area     8 - Harvest Land Base (Moderate Intensity Timber	) Area}	
<ol> <li>If streams proposed to be open of open cut method (i.e., flume, dam</li> </ol>	cut are flowing at the time of construction, they will be contract of the pump, etc.). If streams proposed to be dry open cut	ossed using a dry are not flowing at	Pipe Yard	Drivable Berm	n or Sediment Barrier / Po	rmined by Environmental Ir ortable Bridge / Wetland Cro			FEDERAL LANDS SOIL		
the time of construction, they will 6: Right-of-way grading or vegetation 7: Seed mixes in the ECRP or according to the	be open cut. on clearing will occur as necessary. ording to landowner agreements or as directed by E.I.		Aboveground Facility		SAF				RISK SENSITIVITY RANK		
8: Pacific Connector understands the	hat fisheries' construction windows only apply to those v at the windows do not apply to HDD crossings.	vaterbodies flowing			Entrance Pad CE				1-Very Low 24.cw 3-Noderate 4-High 5-Very High	20	0 0

Aboveground Facility Rock Source/Disposal	Silt Fence (SF) Safety Fence (SAF) Slash Filter Windrow (SFW) Construction Entrance Pad (CE)

		Legal Location
		Ownership / Management
		Jurisdiction Federal Landuse Allocation
		Areas of High Groundwater (Potential Trench Dewatering) Wetland / Waterbody
		Crossing Method ⁵ Instream Construction Window ⁶ Biological Seasonal Construction Window (as of September 2017)
		Topsoil Salvage / Federal Lands Soil Risk Hydrostatic Test Water Release / Aboveground Facilities / Residential
		Aboveground Facilities / Residential Survey Status (wetlands as of July 2017)
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No Fueling Allowed		No Fueling Zones
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	SPREAD #4 MP 80.80 TO 81.87	
	DOUGLAS COUNTY, OREGON	
	DRAWN BY: EE DATE: AUG-2019 ISSUED FOR BID:	24x36 SCALE:1 Inch = 200 Feet
200 400 FEET	CHECKED BY: EE DATE: AUG-2019 ISSUED FOR CONSTRUCTION APPROVED BY: EE DATE: AUG-2019 DRAWING 3430 29-08	

200 0 200 400 FEET APPROVED BY: EE DATE: AUG-2019 DRAWING NUMBER: 3430.29-081 SHEET 81 OF 226

Legal Location	SEC 21, T29S, R4W	SEC 28, T295, R4W	SEC 27
Ownership / Management	DC-383.000	D0-385.000	
Jurisdiction		DOUGLAS COUNTY	
Federal Landuse Allocation			
Areas of High Groundwater (Potential Trench Devalening) Moltanet / Wolatench	Trib to South Myrtle Creek		
Wetland / Waterbody Crossing Method ¹ Instream Construction Window ⁸	Dry Open Cut / July 1 - Sept. 15		
Biological Seasonal Construction Window (as of September 2017)			
Topsol Salvage / Federal Lands Sol Risk Hvjotsatni Test Mare Release / Adovergrund Facilier (Frederinta)			
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NOTES: 1: In wetlands cut vegetation off at ground level, leaving existing root systems in place and remove the	LEGEND Proposed Pipeline	Tax Parcel Boundaries	BLM LANDUSE - 2016 RMP REVISIONS
vegetation from the wetland for disposal. 2: In wetlands limit pulling of tree stumps and grading activities to directly over the trench line. Do not gra		Wetland	2a - Datro: Designated Reserve (No Harvest)     2b - Distro: Designated Reserve (Non-Forest)     3a - Laber, Closesciend Reserve (Non-Forest)     3a - Laber, Closesciend Reserve (Non-Forest)     2b - Distro: Designated Reserve (
remove stumps or root systems from the rest of the construction right-of-way. 3: In wellands segregate the top one foot of topsoil from the trench line, except in areas where standing w or saturated soils are present.	ater Temporary Construction Right-of-Way	Stream	30 - Late-Successing Reserve (Most Forest)     4a - Roarian Reserve (Most Forest)     4a - Roarian Reserve (Most Forest)     4b - Roarian Reserve (Most Forest)
<ul> <li>or saturated soils are present.</li> <li>4: Topsoil will be stripped from the trench line and spoil storage area only in croplands, hayfields, pasturer residential areas. Topsoil may be imported in residential areas as necessary to assure adequate</li> </ul>		Access Road     Permanent / Temporary Access Road (PAR / TAR)	5 - Eastside Management Area 6 - Harvest Land Base (Uneven-Aged Timber Area) 7 - Harvest Land Base (uneven-Aged Timber Area)
reclamation.			
5: If streams proposed to be open cut are flowing at the time of construction, they will be crossed using a	dry	Note: BMP type and placement to be determined by Environmental Inspector based on site-specific conditions.	8 - Harvest Land Base (Moderate Intensity Timber Area)
5: If streams proposed to be open cut are flowing at the time of construction, they will be crossed using a open cut method (i.e., flume, dam & pump, etc.). If streams proposed to be dry open cut are not flowin the time of construction, they will be open cut.	dry g at Pipe Yard	Note: BMP type and placement to be determined by Environmental Inspector based on site-specific conditions.         Drivable Berm or Sediment Barrier / Portable Bridge / Wetland Crossing DB (BB (WE))         Silt Fence (SF)	8 - Harvet Land Base (McGreat Intensity Timber Area) FEDERAL LANDS SOIL
5: If streams proposed to be open cut are flowing at the time of construction, they will be crossed using a open cut method (i.e., flume, dam & pump, etc.). If streams proposed to be dry open cut are not flowin	dry g at Pipe Yard Aboveground Facility Rock Source/Disposal	Note: BMP type and placement to be determined by Environmental Inspector based on site-specific conditions. Drivable Berm or Sediment Barrier / Portable Bridge / Wetland Crossing (08) (18) (18) (19) (19)	8 - Harvest Land Base (Moderate Intensity Timber Area)

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SEC 27, T295, R4W	Legal Location
DC-386.000	Ownership / Management
BLM - ROSEBURG DISTRICT	Jurisdiction
3a	Federal Landuse Allocation Areas of High Groundwater (Potential Trench Dewatering)
	Wetland / Waterbody Crossing Method ⁵ Instream Construction Window ⁶
2	Biological Seasonal Construction Window (as of September 2017) Topsoil Salvage / Federal Lands Soil Risk
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EE EE EE ENVIRONMENTAL ALIGNMENT SPREAD #4	Pacific Connector GAS PIPELINE
MP 81.87 TO 82.81 DOUGLAS COUNTY, OREGON	
DOUGEAS COUNTY, OREGON	
	24x36 SCALE:1 Inch = 200 Feet
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		SEC 27, T29S, R4W	
Legal Location		3CU 27, 1233, NHW	
Ownership / Management	DC-386.000		DO-387.000
Jurisdiction	BLM - ROSEBURG DISTRICT		DOUGLAS COUNTY
Federal Landuse Allocation	3a 8 2b 3a 2b	3a	
Areas of High Groundwater (Potential Trench Dewalering)			
Wetland / Waterbody			
Crossing Method ³ /Instream Construction Window ⁸			
Biological Seasonal Construction Window (as of September 2017)			
Topsoil Salvage / Federal Lands Soil Risk	2		
Hydrostatic Test Water Release / Aboveground Facilities / Residential			
Survey Status (wetlands as of July 2017)			ACCESS DENIED (WETLAND)
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		Legal Location
		Ownership / Management
		Jurisdiction
		Federal Landuse Allocation Areas of High Groundwater (Potential Trench Dewatering)
		Wetland / Waterbody Crossing Method ⁵ Instream Construction Window ⁸ Biological Seesonal Construction Window
		Biological Seasonal Construction Window (as of September 2017) Topsoil Salvage / Federal Lands Sol Risk
		Hydrostatic Test Water Release / Aboveground Facilities / Residential Survey Status (wetlands as of July 2017)
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	SPREAD #4 MP 82.81 TO 83.85	GAS PIPELINE
	DOUGLAS COUNTY, OREGON	
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200 400 EEET		

APPROVED BY: EE DATE: AUG-2019 DRAWING NUMBER: 3430.29-083

SHEET 83 OF 226

	Legal Location			SEC 26, T29S, R4W		
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				DOUGLAS COUNTY		
	Areas of High Groundwater (Potential Trench Dewalering)		Wood Creek EW-24, EW-25, EW-26			
	Crossing Method ³ Instream Construction Window ⁸					
	Topsoil Salvage / Federal Lands Soil Risk					
	Aboveground Feat Water Medicaterial Aboveground Featilies (Residential Survey Status (wetlands as of July 2017)	ACCESS DENIED (WETLAND)			ACCESS DENIED (WETLAND)	
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4: Topscoli will be stripped from the trench line and spoil storage area only in croplands, hayfields, payfields, payfields	Typical		UCSA 82.9/-№ UCSA 82.9/-№ UCSA 82.9/-№	ICN RIGHT-OF-WAY		
4: Topscoli will be stripped from the trench line and spoil storage area only in croplands, hayfields, payfields, payfields	Typical     Image: Constrained and the second and the s		<u>иссы кадела</u> <u>иссы кадела кадела кадела кадела кадела кадела кадела кадела кадела ка</u>	ICN RIGHT-OF-WAY		
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open cut method (i.e., flume, dam & pump, etc.).       If streams proposed to be dry open cut are not flowing at the time of construction, the yull be open cut.       If streams proposed to be dry open cut are not flowing at the time of construction. The yull be open cut.       If streams proposed to be dry open cut.         6: Right-of-way grading or vegetation clearing will occur as necessary.       Aboveground Facility       Image: Streams proposed to be dry open cut.       Image: Streams proposed to be dry open cut.         8: Pacific Consector understands that filterings' constructions to directed by E1.       Noveground Facility       Image: Streams proposed to be dry open cut.       Image: Streams proposed to be dry open cut.         8: Pacific Consector understands that filterings' constructions to directed by E1.       Noveground Facility       Image: Streams proposed to the dry open cut.       Image: Streams proposed to the dry open cut.         Streams proposed to understand that filterings' constructions to directed by E1.       Noveground Facility       Image: Streams proposed to the dry open cut.       Image: Streams proposed to the dry open cut.         Streams proposed to understands that filterings' constructions to directed by E1.       Noveground Facility       Noveground Facility       Image: Streams proposed to the dry open cut.         Streams proposed to understands that filterings' constructions to directed by E1.       Noveground Facility       Noveground Facility       Noveground Facility         Noveground Facility       Noveground Facility       Noveground Facility	NOTES:         1: In wetlands cut vegetation off at ground level, leaving existing root systems in vegetation from the wetland for disposal.         2: In wetlands limit pulling of tree stumps and grading activities to directly over t removes tumps or not systems from the rest of the construction right-of-way.         3: In wetlands segregate the top one foot of topsoil from the trench line, except or saturated solis are present.		UCAL R2_R74L         TEVA 54.154N         TEVA 54.154N           I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I	ICN RIGHT-OF-WAY	UCSA 84:25-31	TEWÄ 34.55WT
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SIONS       TERATION       TERATION         **Peptentation       EE       EE         **Peptentation       EE       EE       EE         **Peptentation       EE       EE       EE       EE         ************************************			
			Legal Location
			Ownership / Management
			Areas of High Groundwater (Potential Trench Dewatering)
<form></form>			Crossing Method ⁵ Instream Construction Window ⁸
<form></form>			Topsoil Salvage / Federal Lands Sol Risk Hydrostatic Test Water Release / Aboveground Facilities / Residential
			Survey Status (wetlands as of July 2017)
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Image: State in the state			No Fueling Zones
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SIONS         PACIFIC CONNECTOR GAS PIPELINE PROJECT         * Application       EE         * Application       EE         EE       EE         EE       EE         EE       EE         EE       EE         DUGLAS COUNTY, OREGON       DUGLAS COUNTY, OREGON         200       400 FEET         Approved by: EE       DATE: AUG-2019         ISSUED FOR BIO:       24:06 SCALE:1 Inch = 240 Feet         200       400 FEET			E - See Ph
SIONS         PACIFIC CONNECTOR GAS PIPELINE PROJECT         * Application       EE         * EE       EE         * EE       EE         * Application       EE         * EE       EE         * EE       EE         * Application       EE         * EE       EE         * Application       EE         * EE       EE         * APPROVED BY:       EE         * APPROVED BY:       EE         * AD       EE         * EE       EE         * EE       ATE:         * AUG-2019       ISSUED FOR BIO:         * AUG-2019       ISSUED FOR CONSTRUCTION:         * CHECKED BY:       EE         * AUG-2019       ISSUED FOR CONSTRUCTION:         * AUG-2019       ISSUED FOR CONSTRUCTION:         * AUG-2019       ISSUED FOR BIO: <th></th> <th></th> <th>al Schemati</th>			al Schemati
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ISIONS         PAPPIICation       CH4C,APP.         PAPPIICation       EE         PAPPIICATION       EE         EE       EE         DOUGLAS COUNTY, OREGON         DRAWN BY:       EE         DATE:       AUG-2019         ISSUED FOR DID:       24x36 SCALE1 Inch = 400 Feet         CHECKED BY:       EE         DATE:       AUG-2019         ISSUED FOR CONSTRUCTION:       11x17 SCALE1 Inch = 450 Feet         200       400 FEET       APPROVED BY: EE			rvey)
ISIONS         PAPPIICation       CH4C,APP.         PAPPIICation       EE         PAPPIICATION       EE         EE       EE         DOUGLAS COUNTY, OREGON         DRAWN BY:       EE         DATE:       AUG-2019         ISSUED FOR DID:       24x36 SCALE1 Inch = 400 Feet         CHECKED BY:       EE         DATE:       AUG-2019         ISSUED FOR CONSTRUCTION:       11x17 SCALE1 Inch = 450 Feet         200       400 FEET       APPROVED BY: EE			
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CHECKED BY:         EE         DATE:         AUG-2019         ISSUED FOR CONSTRUCTION:         11x17 SCALE-1 Inch = 450 Feet           200         400 FEET         APPROVED BY:         EE         DATE:         AUG-2019         ISSUED FOR CONSTRUCTION:         11x17 SCALE-1 Inch = 450 Feet			
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	200 400 FEET APPR0		

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Legal Location	5502	26, T29S, R4W		SEC 25, T29S, R4W	
Ownership / Management	DC-393.000	0	DO-394.000	DO-397.5	500
Jurisdiction	DOUG	GLAS COUNTY	BLM - ROSEBURG DISTRICT		DOUGLAS COUNTY
Federal Landuse Allocation			3a		
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Wetland / Waterbody				Thb to Wood Creek	
Crossing Method ⁵ /Instream Construction Window ⁸ Biological Seasonal Construction Window (as of September 2017)				Dry Open Cut / July 1 - Sept. 15	
(as of September 2017) Topsoil Salvage / Federal Lands Soil Risk		2	1 2		
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Survey Status (wetlands as of July 2017)				ACCESS DENIED (WETLAND)	
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NOTES: 1: In wetlands cut vegetation off at g vegetation from the wetland for dia 1: In wetlands cut vegetation off at g	ground level, leaving existing root systems in place and n isposal.	remove the ne. Do not grade or	EGEND Proposed Pipeline Tax Parcel Bound	USA 84,25N  	
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		Legal Location
		Ownership / Management
		Jurisdiction Federal Landuse Allocation Areas of High Groundwater (Potential Trench Dewalering)
		Wetland / Waterbody Crossing Method ⁵ Instream Construction Window ⁶
		Biological Seasonal Construction Window (as of September 2017) Topsoil Salvage / Federal Lands Sol Risk Hydrostatic Test Water Release / Aboveground Facilities / Residential
ACCESS DEVIED (CULTURAL / WETLAND)		Survey Status (wetlands as of July 2017)
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CHK.JAPP. PACIFIC	NNECTOR GAS PIPELINE PR CONNECTOR GAS PIPELINE	
	/IRONMENTAL ALIGNMENT SPREAD #4	Pacific Connector GAS PIPELINE
DO	MP 84.86 TO 85.96 UGLAS COUNTY, OREGON	
DRAWN BY: EE DA	TE: AUG-2019 ISSUED FOR BID:	24x36 SCALE:1 Inch = 200 Feet
CHECKED BY:         EE         DA           200         400 FEET         APPROVED BY:         EE         DA	TE: AUG-2019 ISSUED FOR CONSTRUCTIO TE: AUG-2019 DRAWING 3430.29-0	

Legal Location	SEC 36, T29S, R4W	SEC 31, T285, R3W		
Ownership / Management	DO-397.500	DO-402.000		
Jurisdiction	DOUGLAS COUNTY	BLM - ROSEBURG DISTRICT		
Federal Landuse Allocation		8 20 8 20	6 20 6 20 6	
Areas of High Gioundwater (Potential Trench Dewalering)	Trib to Wood Creek Trib to Wood Creek	k .		
Wetland / Waterbody Crossing Method ³ /Instream Construction Window ⁵	Dry Open Cut / July 1 - Sept. 15	A		
Biological Seasonal Construction Window (as of September 2017)			-MARBLED MURRELET (APRIL 1 - AUGUST 5 (DTRs))	
Topsol Salvage / Fedoral Lands Sol Risk Hydrastar: Clest Water (Repsol Abolegnuor Evalliter Readomital		3 2 1/2	2 1/2 2	
Adoveground - Exolutes / reasidemaa Survey Status (wellands as of July 2017)	ACCESS DENIED (CULTURAL / WETLAND)	ACCESS DENIED (WETLAND) ACCESS DENIED (CULTURAL / WETLAND)	ACCESS DENIED (WETLAND)	
			REE SHEET 30.00,000	
No Fueling Zones	С Распу Allowed		Hand State S	
<ul> <li>NOTES:</li> <li>1: In wetlands cut vegetation off at ground level, leaving existing root systems in place and remove the vegetation from the wetland for disposal.</li> <li>2: In wetlands limit pulling of tree stumps and grading activities to directly over the trench line. Do not grad remove stumps or root systems from the rest of the construction right-of-way.</li> <li>3: In wetlands segregate the top one foot of topsoil from the trench line, except in areas where standing we or saturated soils are present.</li> <li>4: Topsoil will be stripped from the trench line and spoil storage area only in croplands, hayfields, pastures residential areas. Topsoil may be imported in residential areas as necessary to assure adequate reclamation.</li> <li>5: If streams proposed to be open cut are flowing at the time of construction, they will be crossed using a dopen cut method (ie., flime, dam &amp; pump, etc.). If streams proposed to be dry open cut are not flowing the time of construction, they will be open cut.</li> <li>6: Right-of-way grading or vegetation clearing will occur as necessary.</li> <li>7: Seed mixes in the ECRP or according to landowner agreements or as directed by E.I.</li> <li>8: Pacific Connector understands that fisheries' construction windows only apply to those waterbodies flow at the time of crossings.</li> </ul>	Construction Right-of-Way     Construction Right-of-Way     Temporary Construction Right-of-Way     Temporary Extra Work Area     Uncleared Storage Area     V     Pipe Yard     Aboveground Facility     Rock Source/Disposal	Tax Parcel Boundaries         Wetland         Stream         Access Road         Permanent / Temporary Access Road (PAR / TAR)         Note: BMP type and placement to be determined by Environmental Inspector based on site-specific conditions.         Drivable Bern or Sediment Barrier / Pontable Bridge / Wetland Crossing (m) (m) (m)         Site Fence (m)         Stash Filter Windrow (m)         Construction Entrance Pad (m)	BLM LANDUSE         - 2016 RMP         REVISIONS           2- Öder: Desparate Rever (10-Foreit)         NO.         DATE         BY         DESCRIPTION           3- ünder: Desparate Rever (10-Foreit)         NO.         DATE         BY         DESCRIPTION           3- ünder: Desparate Rever (10-Foreit)         Sept-2017         EE         Issued for FERC Certificate Application           4- Rober Management Avan         2         Aug-2019         EE         Issued for FERC DEIS Response           6- Venerate Ids Bit (Nerror-Aged Titler Avan)         2         Aug-2019         EE         Issued for FERC DEIS Response           FEDERAL LANDS SOL         Revenue         E         Aug-2019         E         E           1-Very Line         20         0         200         200         200           4-top         200         0         200         200         200         200	400 FEET

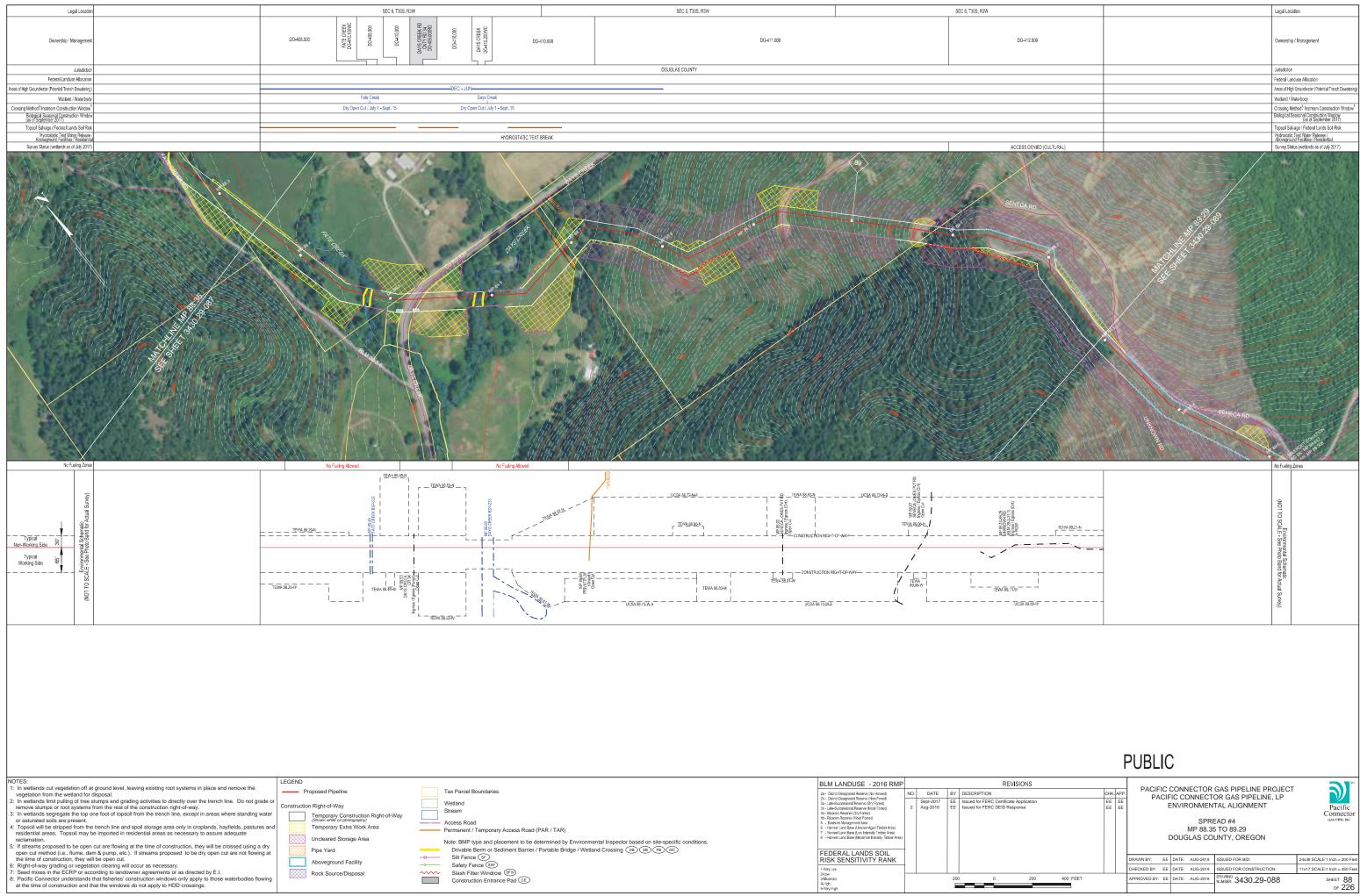
		Legal	Location
		Owner	ship / Management
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			Landuse Allocation High Groundwater (Potential Trench Dewatering)
		Wetlan	d / Waterbody
		Crossin Biologia	g Method ³ Instream Construction Window [®] al Seasonal Construction Window (as of September 2017)
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		Hydros Above	tatic Test Water Release / pround Facilities / Residential
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		al Survey)	
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DNS Dication se		CTOR GAS PIPELINE PROJE NECTOR GAS PIPELINE, LP VMENTAL ALIGNMENT SPREAD #4 285.96 TO 87.30 IS COUNTY, OREGON	CT Pacific Connector GAS PIPELINE
		G-2019 ISSUED FOR BID:	24x36 SCALE:1 Inch = 200 Feet
200 400 FEET	CHECKED BY: EE DATE: AU APPROVED BY: EE DATE: AU	G-2019 ISSUED FOR CONSTRUCTION: G-2019 DRAWING NUMBER: 3430.29-086	11x17 SCALE:1 Inch = 450 Feet
200 400 PEET	APPROVED BT. EE DATE: AU	NUMBER: 3430.29-086	SHEET 86 OF 226

Legal Location		SEC 31, T29	IS, R3W			SEC 6, T30S, R3W		
				DO-403.000				
Ownership / Management		DO-402.0	000		DO-404.000			DO-406.000
Jurisdiction		BLM - ROSEBUR	IG DISTRICT			DOUGLAS COUNTY		
Federal Landuse Allocation		6						
Areas of High Groundwater (Potential Trench Dewatering) Wetland / Waterbody								Trib to Fate Creek
Crossing Method ⁵ Instream Construction Window ⁶								Dry Open-Cut / July 1
Biological Seasonal Construction Window (as of September 2017)								
Topsoll Salvage / Federal Lands Soil Risk Hydrostatic Test Water Release / Aboveground Facilities / Residential		2/3						
Survey Status (wetlands as of July 2017)								
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NOTES: 1: In wetlands cut vegetation off at g	ground level, leaving existing root sys	stems in place and remove the	LEGEND		Tay Dareal Devendarian		BLM LANDUSE - 2016 RMP	
vegetation from the wetland for di	isposal.		Proposed Pipeline		Tax Parcel Boundaries  Wetland		2a - District Designated Reserve (No Harvest) 2b - District Designated Reserve (Non-Forest) 3a - Late-Successional Reserve (Motis Forest) 3b - Late-Successional Reserve (Motis Forest)	NO. DATE BY DESCRIPTION Sept-2017 EE Issued for FERC Certificate A
<ol><li>In wetlands segregate the top on</li></ol>	rom the rest of the construction right- ne foot of topsoil from the trench line.	y over the trench line. Do not grade or of-way. except in areas where standing water	Construction Right-of-Way	Right-of-Way	Stream		4a - Riparian Reserve (Dry Forest)	2 Sept-2017 EE Issued for FERC Certificate A Aug-2019 EE Issued for FERC DEIS Respo
or saturated soils are present.			Temporary Construction I (Shown white on photography) Temporary Extra Work Ar		Access Road		4b - Riparian Reserve (Moist Forest) 5 - Eastside Management Area 6 - Harvest Land Base (Uneven-Aged Timber Area)	
reclamation.		y in croplands, hayfields, pastures and essary to assure adequate	Uncleared Storage Area		<ul> <li>Permanent / Temporary Access Road (PAR / TAR)</li> <li>Note: BMP type and placement to be determined by Environmental Inspector based on site-specific conditions.</li> </ul>		7 - Harvest Land Base (Low Intensity Timber Area) 8 - Harvest Land Base (Moderate Intensity Timber Area)	
<ol> <li>If streams proposed to be open c open cut method (i.e., flume, dam</li> </ol>	cut are flowing at the time of construc n & pump, etc.). If streams proposed	tion, they will be crossed using a dry to be dry open cut are not flowing at	Pipe Yard		Drivable Berm or Sediment Barrier / Portable Bridge / Wetland Crossing DB SB PB WC		FEDERAL LANDS SOIL	
<ul> <li>6: Right-of-way grading or vegetatio</li> </ul>	be open cut. on clearing will occur as necessary.		Aboveground Facility		- Safety Fence SAF		RISK SENSITIVITY RANK	
<ol> <li>Seed mixes in the ECRP or acco</li> <li>Pacific Connector understands the</li> </ol>	ording to landowner agreements or as hat fisheries' construction windows or	nly apply to those waterbodies flowing	Rock Source/Disposal	~~~	Slash Filter Windrow SFW		1-Very Low 2-Low 3-Moderate 4-High	200 0
at the time of construction and that	at the windows do not apply to HDD o	crossings.					4-High 5-Very High	

B:	Pacific	Connecto	or under	stands that	fisheries'	construction	windows	only	apply to	those	waterbod
	at the ti	me of cor	struction	h and that t	he windo	ws do not an	oly to HDI	) cro	ssings		

Aboveground Facility	  Silt Fence SF Safety Fence SAF
Rock Source/Disposal	Slash Filter Windrow SFW Construction Entrance Page

DC-408.000		Legal Location Ownership / Management
-DEC - JUN		Jurisdiction Federal Lanciuse Allocation Areas of High Groundwater (Potential Trench Dewatering) Wetland / Wateroody Crossing Method ¹ Instream Construction Window ⁶ Biological Seesonal Construction Wordow Biological Seesonal Construction Wordow (a) Gel Selective Port/)
		Topsol Salvage / Federal Lands Sol Risk Hydrostatic Test Water Rebase / Aboveground Facilities / Residential Survey Status (wetlands as of July 2017)
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VISIONS CHK APP te Application EE EE EE EE EE	PACIFIC CONNECTOR GAS PII PACIFIC CONNECTOR GAS ENVIRONMENTAL ALI SPREAD #4 MP 87.30 TO 88. DOUGLAS COUNTY, C	PIPELINE, LP GNMENT Bacific Connector GAS PPELINE 35
200 400 FEET		R CONSTRUCTION: 11x17 SCALE:1 Inch = 450 Feet
200 400 FEET	NUMBER: 3	430.29-087 SHEET 87 ог 226



Rock Source/Disposal 

Slash Filter Windrow (SFW) Construction Entrance Pad (CE)

1-Very Low 2-Low 3-Moderate 4-High 5-Very High 

		DRAWN BY:	EE	DATE:	AUG-2019	ISSUED FOR BID:	24x36 SCALE:1 Inch = 200 Feet
		CHECKED BY:	EE	DATE:	AUG-2019	ISSUED FOR CONSTRUCTION:	11x17 SCALE:1 Inch = 450 Fee
200 400 FEET		APPROVED BY:	EE	DATE:	AUG-2019	DRAWING 3430.29-088	SHEET 88
							OF 226
			_				

Legal Location	SEC 6, T30S, R3W	SEC 17, T30S, R3W
Ownership / Management	DO-412.000	DC-413.000
Jurisdicton	DOUGLAS COUNTY	BLM - ROSEBURG DISTRICT
Federal Landuse Allocation Areas of High Groundwater (Potential Trench Dewalering)		8
Wetland / Waterbody Crossing Method ³ Instream Construction Window ¹		
Biological Stasonal Construction Window (as of September 2017) Torpsol Salvage / Federal Lands Sol Risk		MARBLED MURRELET (APRIL 1 - AUGUST )
Hydrostario Test Watty Refease Abovegnund Faallies / Residential Survey Status (relations of U.M. 2017)	HYDROSTATIC TEST BREAK	
Drug della (milla fas es della compositional)		NocaNG \$P
No Fueling Zones		Учески страна с
NOTES:         1: In wetlands cut vegetation off at ground level, leaving existing root systems in place and remov vegetation from the wetland for disposal.         2: In wetlands limit pulling of tree stumps and grading activities to directly over the trench line. Do remove stumps or root systems from the rest of the construction right-of-way.         3: In wetlands segregate the top one foot of topsoil from the trench line, except in areas where sta or saturated soils are present.         4: Topsoil will be stripped from the trench line and spoil storage area only in croplands, hayfields, residential areas. Topsoil may be imported in residential areas as necessary to assure adequat reclamation.         5: If streams proposed to be open cut are flowing at the time of construction, they will be crossed or one the time of construction, they will be open out.         6: Right-of-way grading or vegetation dearing will occur as necessary.         7: Seed mixes in the ECRP or according to landowner agreements or as directed by E.I.         8: Pacific Connector understands that fisheries' construction windows only apply to those waterbo at the time of construction and that the windows do not apply to HDD crossings.	IIIIe       Proposed Pipeline       Tax Parcel Boundaries       2a. Batch Derg         not grade or dring water       Construction Right-of-Way       Wetland       3b. ae&chooses         Temporary Construction Right-of-Way       Stream       Stream       4b. Reven Revent         (Drown while or photographity)       Access Road       Permanent / Temporary Access Road       4b. Revent Revent         sing a dry (flowm witer       Uncleared Storage Area       Note: BMP type and placement to be determined by Environmental Inspector based on site-specific conditions.       Pipe Yard       Diviable Bering or Stiffer Processing         Wite Information       Site Frace (SF)       Stiff Frace (SF)       Stiff Frace (SF)       FEDERAL RISK SEDE         Site Frace (SF)       Stiff Frace (SF)       Stiff Frace (SF)       Stiff Frace (SF)       Stiff Frace (SF)         Note: Disposal       Stiff Frace (SF)       Stiff Frace (SF)       Stiff Frace (SF)       Stiff Frace (SF)	DUSE         - 2016 RMP         REVISION           add Rearr (No-Stratt) add Rearr (No-Stratt) (Rearr QN-Stratt) (Rearr QN-Strat) (Rearr QN-Strat) (Rearr QN-Stratt) (Rearr QN-Stra

	Pipe Yard Aboveground Facility Rock Source/Disposal	 	Drivable Berm or Sediment Barrier / Portable Bridge Silt Fence (SR) Salety Fence (SR) Slash Filter Windrow (FP) Construction Entrance Pad (E)
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33W		Legal Location
		Ownership / Management
ISTRICT 3a		Jurisdiction Federal Landuse Allocation
		Areas of High Groundwater (Potential Trench Dewatering) Wetland / Waterbody
1 - AUGUST 5 (DTRs)) NSO (MARCH 1 - JULY 15 (No Activity)) 1/2 2		Crossing Method ¹ Instream Construction Window ⁶ Biological Seasonal Construction Window (as of September 2017) Topsol Salvage / Federal Lands Sol Risk Hydrostatic Test Water Reptase / Aboveground Facilities / Residential
		Survey Status (wetlands as of July 2017)
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	SPREAD #4 MP 89.29 TO 90.13	Connector Gas pipeline
	DOUGLAS COUNTY, OREGON	
CHEC	WN BY:         EE         DATE:         AUG-2019         ISSUED FOR BID:           XED BY:         EE         DATE:         AUG-2019         ISSUED FOR CONSTRUCTIC           VOVED BY:         EE         DATE:         AUG-2019         INMER:         AUG-2019           VOVED BY:         EE         DATE:         AUG-2019         INMER:         AUG-201-0	

Legal Location	SEC 17, T305, R3W	SEC 16, T30S, R3W
Ownership / Management	DO-413.000	D0-414.000
Jurisdiction	BLM - ROSEBURG DISTRICT	DOUGLAS COUNTY
Federal Landuse Allocation	3a 2b 8 2b	
Areas of High Groundwater (Potential Trench Dewalering) Wetland / Waterbody		
Crossing Method ⁵ Instream Construction Window ⁸		
Biological Seasonal Construction Window (as of September 2017)	NSO (MARCH 1 - JULY 15 (No Activity))	
Topsol Sahaga / Federal Lands Soll Risk Hydrosafar Test Water Release Aboreground Fablies Residentia	25	
Survey Status (wellands as of July 2017)		
No Fueling Zones	иссья водочи иссья и иссья водочи иссья и иссья и иссья водочи иссья и иссья и и	
NOTES:         1: In wetlands cut vegetation off at ground level, leaving existing root systems in place and revegetation from the wetland for disposal.         2: In wetlands limit pulling of tree stumps and grading activities to directly over the trench line remove stumps or nod systems from the rest of the construction right-of-way.         3: In wetlands segregate the top one foot of topsoil from the trench line, except in areas when or saturated soils are present.         4: Topsoil will be stripped from the trench line and spoil storage area only in croplands, hayfit residential areas. Topsoil may be imported in residential areas as necessary to assure ade reclamation.         5: If streams proposed to be open cut are flowing at the time of construction, they will be core open cut method (i.e., flume, dam & pump, etc.). If streams proposed to be dry open cut the time of construction, they will be core of the time of construction, they will be core of the time of construction, they will be core of the time of construction, they will be core of the time of construction will be core of the time of construction will be core as necessary.         7: Seed mixes in the ECRP or according to landowner agreements or as directed by E.I.         8: Padific Connector understands that fisheries' construction windows only apply to those wa at the time of construction and that the windows do not apply to HDD crossings.	E. Do not grade or re standing water e st	BLM LANDUSE - 2016 RMP     REVISIONS       2a - Daric Designed Reserve (No Innexel) 2a - Daric Designed Reserve

		Legal Location Ownership / Management Jurisdiction Federal Landuse Allocation Areas of High Concoverate ("Peteralal Trench Dewatering) Wetland (Waterocky Crossing Method) Instream Coststuction Window [®] Biological System Sol Disk Hydrosatic Targer Peteralal Source Status (vetlands as of July 2017)
		No Fueling Zones (NOT TO SCALE - See Photo Band for Actual Survey)
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Legal Location	SEC 16, T30S, R3W	SEC 21, T305, R3W	
Ownership / Management	DO-414.000	DC-415.000	
Jurisdiction	DOUGLAS COUNTY	BLM - ROSEBURG DISTRICT	
Federal Landuse Allocation		20 20 8 20	8
Areas of High Groundwater (Potential Trench Dewatering)			
Wetland / Waterbody			
Crossing Method ⁵ Instream Construction Window ⁶			
Biological Seasonal Construction Window (as of September 2017)			
Topsoil Salvage / Federal Lands Soil Risk Hydrostatic Test Water Release /		1/2         2         2/3         2         1/2	2 1/2 2
Hydrostatic Test Water Release / Aboveground Facilities / Residential			HYDROSTATIC TEST BI
Survey Status (wellands as of July 2017)	-+		
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NOTES: 1. In wetlands cut vegetation off at ground level, leaving existing root system: vegetation from the wetland for disposal. 2. In wetlands limit juiling of tree stumps and grading activities to directly over remove stumps or root systems from the rest of the construction right-of-wet 3. In wetlands segregate the top one foot of topsoil from the trench line, exce or saturated soils are present. 4. Topsoil will be stripped from the trench line and spoil storage area only in or residential areas. Topsoil may be imported in residential areas as necessare reclamation. 5. If streams proposed to be open cut are flowing at the time of construction, open cut method (i.e., flume, dam & pump, etc.). If streams proposed to b the time of construction, they will be open cut.	s in place and remove the er the trench line. Do not grade or pt in areas where standing water croplands, hayfields, pastures and ny to assure adequate they will be crossed using a dry et dry open cut are not flowing at	struction Right-of-Way More Markan ge Area In More Area ge Area In Cons Read Permanent / Pernate Band (PR/TAR) In Cons Read In Cons Read In Cons In C	BLM LANDUSE         - 2016 RMP         REVISIOn           2         Address (Montrol)         Address (Montrol)         2         Sept-2017         EE         Issued for FERC DEIS Response           3
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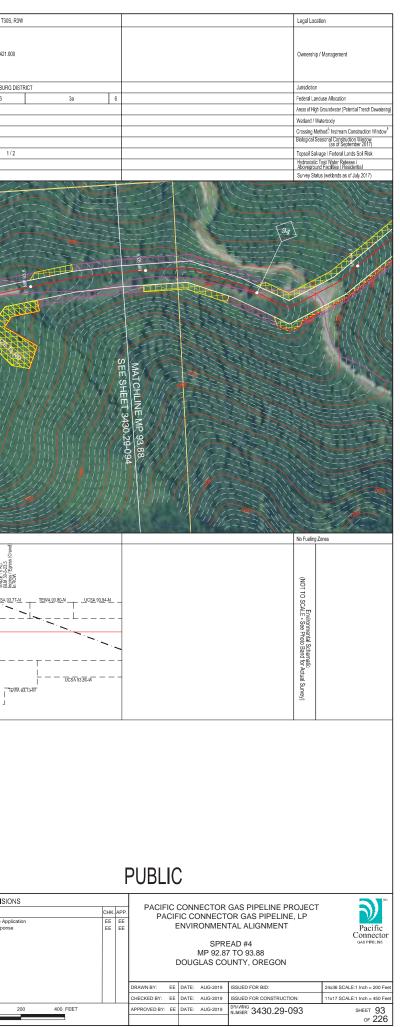
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	Legal Location
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	Jurisdiction
	Federal Landuse Allocation Areas of High Groundwater (Petential Trench Dewatering
	Wetland / Waterbody Crossing Method? Instream Construction Window?
	Biological Seasonal Construction Window (as of September 2017)
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	DO-419.000		
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NOTES: 1: In wetlands cut vegetation off at ground level, leaving existing ro vegetation from the wetland for disposal.	oot systems in place and remove the directly over the trach line. Do not grade or	LGSA BAREN	BLM LANDUSE - 2016 RMP         REVIS           BLM LANDUSE - 2016 RMP         REVIS           2- Distributing Regres (b)         NO.         DATE         BY DESCRIPTION
NOTES: 1: In wetlands cut vegetation off at ground level, leaving existing ro vegetation from the wetland for disposal. 2: In wetlands the for pulling of tree stumes and grading activities to or remove stumps or root systems from the rest of the construction 3: In wetlands segregate the top one foot of topsoil from the treets	Oot systems in place and remove the directly over the tench line. Do not grade or inght-of-Way       LEGEND         Itel Construction Right-of-Way       Tax		BLM LANDUSE - 2016 RMP         REVIS           BLM LANDUSE - 2016 RMP         REVIS           2- Oried begrand (betravel)         NO         DATE         BY         DESCRIPTION           3- Ubb Street (betravel)         NO         DATE         BY         DESCRIPTION
NOTES: 1: In wetlands cut vegetation off at ground level, leaving existing ro vegetation from the wetland for disposal 2: In wetlands the straining of tree stumps and grading activities to or remove stumps or root systems from the rest of the construction 3: In wetlands serg repeate the top one foot of topsoil from the trench or saturated soils are present.	Oot systems in place and remove the directly over the tench line. Do not grade or inglint-of-way.       LEGEND         Intervent in areas where standing water rea only in croptands, hayfields, pastures and       Temporary Construction Right-of-Way	Parcel Boundaries and an sis Road	BLM LANDUSE         - 2016 RMP         REVIS           2: - Obsch Begrand Rearry (b) firms)         NO         DATE         BY         DESCRIPTION           3: - Obsch Begrand Rearry (b) firms)         1         NO         DATE         BY         DESCRIPTION           3: - Obsch Begrand Rearry (b) firms)         1         NO         DATE         BY         DESCRIPTION           3: - Obsch Begrand Rearry (b) firms)         1         Sept-2017         EE         Bisued for FERC DEIS Responder           4: - Boarse Rearry (b) firms)         2         Aug-2019         EE         Bisued for FERC DEIS Responder
NOTES: 1: In wetlands cut vegetation off at ground level, leaving existing ro vegetation from the wetland for disposal. 2: In wetlands limit pulling of tree stumps and grading activities to remove stumps or root systems from the rest of the construction 3: In wetlands sergregate the top one for of or do yob soils will be stripped from the trench line and spoil storage ar residential areas. Topsoil may be imported in residential areas a reclamation.	Image: State of the state	Parcel Boundaries and an se Road nament / Temporary Access Road (PAR / TAR)	BLM LANDUSE - 2016 RMP         REVIS           2- Ourcl begrand Retrier (No-Frend)         NO.         DATE         BY         DESCRIPTION           3- Jub-Scottand Retrier (No-Frend)         NO.         DATE         BY         DESCRIPTION           3- Jub-Scottand Retrier (No-Frend)         3- Jub-Scottand Retrier (No-Frend)         2         Sap2 2017         EE         Issued for FERC Centican A           3- Jub-Scottand Retrier (No-Frend)         2         Sap2 2017         EE         Issued for FERC Centican A
NOTES: 1: In wetlands cut vegetation off at ground level, leaving existing rover the vegetation for the wetland for disposal. 2: In wetlands set vegetation off at ground level, leaving existing rover the vegetation from the wetland for disposal. 2: In wetlands set vegetation for the vegetation for the trench or a saturated solis are present. 3: In wetlands set present the top off of or disposal form the trench or a saturated solis are present. 4: Topsoil will be stripped from the trench line and spoil storage are recidential areas. Topsoil may be imported in residential areas a recidential areas. 5: If streams proposed to be open cut are flowing at the time of cor open cut method (i.e., flow, dama by pump, etc.). 5: If streams proposed to be open cut are flowing at the time of cor open cut method (i.e., flow, dama by pump, etc.). 5: If streams proposed to be open cut are flowing at the time of cor open cut method (i.e., flow, dama by pump, etc.).	Image: Server in the server	Parcel Boundaries and an biss Road hannent / Temporary Access Road (PAR / TAR) EMP by and placement to be determined by Environmental Inspector based on site-specific conditors. trivable Bern or Sediment Bartier / Portable Environmental Inspector based on site-specific conditors. trivable Bern or Sediment Bartier / Portable Environmental Inspector based on site-specific conditors. trivable Bern or Sediment Bartier / Portable Environmental Inspector based on site-specific conditions. trivable Bern or Sediment Bartier / Portable Environmental Inspector based on site-specific conditions. trivable Bern or Sediment Bartier / Portable Environmental Inspector based on site-specific conditions. trivable Bern or Sediment Bartier / Portable Environmental Inspector based on site-specific conditions. trivable Bern or Sediment Bartier / Portable Environmental Inspector based on site-specific conditions. trivable Bern or Sediment Bartier / Portable Environmental Inspector based on site-specific conditions. trivable Bern or Sediment Bartier / Portable Environmental Inspector based on site-specific conditions. trivable Bern or Sediment Bartier / Portable Environmental Inspector based on site-specific conditions. trivable Bern or Sediment Bartier (Portable Environmental Inspector based on site-specific conditions. trivable Bern or Sediment Bartier (Portable Environmental Inspector based on site-specific conditions. trivable Bern or Sediment Bartier (Portable Environmental Inspector based on site-specific conditions. trivable Bern or Sediment Bartier (Portable Environmental Inspector based on site-specific conditions. trivable Bern or Sediment Bartier (Portable Environmental Inspector bartier Bartier Bartier (Portable Environmental Inspector bartier Bern or Sediment Bartier (Portable Environmental Inspector bartier (Portable Environmental Inspector Bartier (Portable Environmental Inspector Bartier (Portable Environmental Portable Environmental Portable Environmental Portable Environmental Portable Environmental Portable Environm	BLM LANDUSE         - 2016 RMP         REVIS           2 - Outor Designant Reserv (No-Frent) 3 - South Designant Rese
NOTES: 1. In wetlands cut vegetation off at ground level, leaving existing ro vegetation from the wetland for disposal. 2. In wetlands segregate the top one foot of topsoil from the trench or saturated solis are present. 3. In wetlands segregate the top one foot of topsoil from the trench or saturated solis are present. 4. Topsoil will be stripped from the trench line and spoil storage are residential areas. Topsoil may be imported in residential areas a recidentiation. 5. If streams proposed to be open cut are flowing at the time of cor open cut method (i.e., fiume, dam & pump, etc.). 6. Right-of-way grading or vegetation clearing will occur as necess	cot systems in place and remove the directly over the trench line. Do not grade or nght-of-way. In the execution Right-of-Way [Storm milite on photography]       LEGEND         construction, they will be crossed using a dry posed to be dry open cut are not flowing at sary.       LEGEND       Itemporary Construction Right-of-Way	Parcel Boundaries and an Siss Road Instruction Road (PAR / TAR) EMP type and placement to be determined by Environmental Inspector based on site-specific conditions. Instruction Baserier / Portable Bridge / Wetland Crossing (a) (a) (b) (b) (b) (b) (b) (b) (b) (b) (b) (b	BLM LANDUSE         - 2016 RMP         REVIS           2 - Orici bergrad Rearre (b) fixed 1         NO.         DATE         BY         DESCRIPTION 1           3 - debConsected Rearre (b) fixed 3 - debConsected Rearre
NOTES: 1. In wetlands cut vegetation off at ground level, leaving existing rovegetation from the vetland for disposal. 2. In wetlands limit ground level and grading activities to a startated solis are present. 3. In wetlands mit pulling of tree stumps and grading activities to a readurated solis are present. 4. Topsoil will be stripped from the trench line and spoil storage are reclamation. 5. If streams proposed to be open cut are flowing at the time of cor open cut method (i.e., flume, dam & pump, etc.). If streams prop the time of correct of correct of the open cut method (i.e., flume, dam & pump, etc.). If streams prop	USERVE       LEGEND         TENA 52.76-W       TENA 52.76-W         TE	Parcel Boundaries and am ss Road marcel Tomporary Access Road (PAR / TAR) ************************************	BLM LANDUSE         - 2016 RMP         REVIS           2 - Daric Desparad Resert (No-Frent) 3 - Jack-Board Resert (No-Frent) 3 - Ja

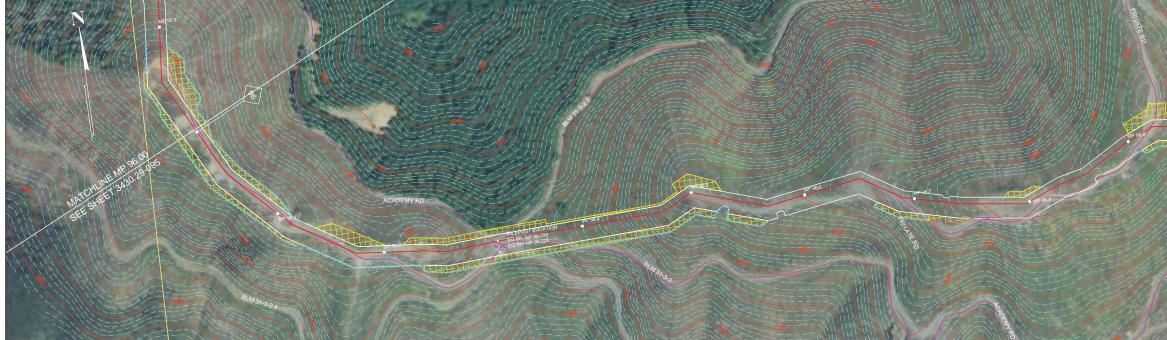


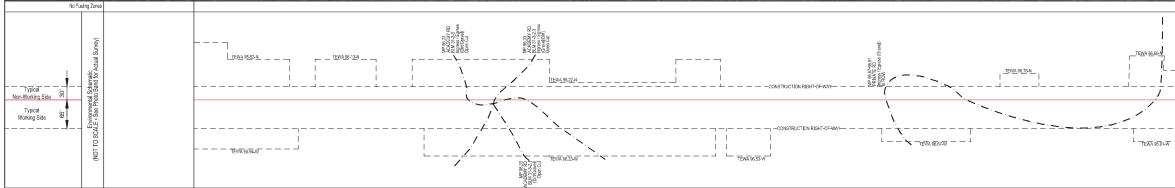
Legal Location			SEC 27, T30S, R3W	SEC 26, T30S, R3W
Cega LOcaum	D0-421.000	D0-422.000	D0423.000	D0-425.001AL D0-425.000 LT AM HON BIT LT AM
Jurisdiction	BLM - ROSEBURG DISTRICT		DOUGLAS COUNTY	STATE OF OREGON
Federal Landuse Allocation	6			-NOV - MAY
Areas of High Groundwater (Potential Trench Dewalering) Wetland / Waterbody				-NUV - MAY- AW-197 AV/-201 H3-03 S Umpgua River
Crossing Method ⁵ Instream Construction Window ⁵ Biological Seasonal Construction Window (as of September 2017)				Diverted Open Cut / July 1 - August 31
Topsoil Salvage / Federal Lands Soil Risk	1/2			
Hydrostatic Test Water Release / Aboveground Facilities / Residential Survey Status (wetlands as of July 2017)				BVA #8
Survey Status (wellards as of July 2017)	MATCHINE MP 30 SEE SHEET 3300 2003 88 SHEET 3300 2003 80 SHEET 3300 20			
No Fueling Zones No Fueling Zones No Fueling Zones Population of the second	USA 33 841 USA 33 841     	ССЗА 51.95W ТЕМЛТИ.02-И UCSA 51.07W	Very Strength           Very Strength	Image: Constraint of the second sec
vegetation from the wetland for c 2: In wetlands limit pulling of tree s remove stumps or root systems 1 3: In wetlands segregate the top or or saturated solis are present. 4: Topsoil will be stripped from the residential areas. Topsoil may b reclamation. 5: If streams proposed to be open open cut method (i.e., flume, dar the time of construction, they will 6: Right-of-way grading or vegetati 7: Seed mixes in the ECRP or aco 8: Pacific Connector understands 1	tumps and grading activities to directly over the trench line. Do not grade or from the rest of the construction right-of-way. ne foot of topsoil from the trench line, except in areas where standing water trench line and spoil storage area only in croplands, hayfields, pastures ance in morted in residential areas as necessary to assure adequate cut are flowing at the time of construction, they will be crossed using a dry m & pump, etc.). If streams proposed to be dry open cut are not flowing at	Construction Right-of-Way Temporary Construction Right-of-Way (Stream Temporary Extra Work Area Uncleared Storage Area Note: BMP type and	rary Access Road (PAR / TAR) placement to be determined by Environmental Inspector based on site-specific conditions. Sediment Barrier / Portable Bridge / Wetland Crossing (18) (18) (18) (18) (18) (19) (19)	BLM LANDUSE     - 2016 RMP     REVISIONS       2a - Datric Designated Reserve (No Hinnet)     NO.     DATE     BY     DESCRIPTION       2b - Datric Designated Reserve (No Hinnet)     NO.     DATE     BY     DESCRIPTION       2b - Datric Designated Reserve (No Hinnet)     NO.     DATE     BY     DESCRIPTION       3b - Laboracit Designated Reserve (No Hinnet)     No.     DATE     BY     DESCRIPTION       3b - Represender (No Fores)     Aug-2019     EE     Issued for FERC Certificate Application       4 - Represender Land Box (Low Reserve)     2     Aug-2019     EE     Issued for FERC DEIS Response       6 - Harveit Land Box (Low Reserve)     EE     Issued for FERC DEIS Response     EE     Issued for FERC DEIS Response       7 - Harveit Land Box (Low Reserve)     EE     EE     Issued for FERC DEIS Response       8 - Reserveit Land Box (Low Reserve)     EE     EE     EE     EE       8 - Reserveit Land Box (Low Reserve)     EE     EE     EE     EE       8 - Reserveit Land Box (Low Reserve)     EE     EE     EE     EE       8 - Reserveit Land Box (Low Reserve)     EE     EE     EE     EE       8 - Reserveit Land Box (Low Reserve)     EE     EE     EE     EE       9 - Reserveit Land Box (Low Reserve)     EE     EE

	SEC 35, T30S, R3V	V		Legal Locati	ion
DC-429.000	DO-430.000			Ownership /	' Management
DOUGLAS	COUNTY			Jurisdiction	
Table C Human	River AW-194			Areas of High (	use Allocation Groundwater (Potential Trench Dewatering)
Trib to S Umpqua Dry Open Cut / July 1				Wetland / Wa Crossing Met Biological Sea	terbody hod ⁵ Instream Construction Window [®] asonal Construction Window (as of September 2017)
				Topsoil Salva Hydrostatic T Aboveground	(as of September 2017) age / Federal Lands Sol Risk fest Water Release / d Facilities / Residential is (wetlands as of July 2017)
ACADEMY DR					
	TRIB TO S. UMPQUA RIV	8			
	Sile Wo		XAT		
		94.95 1.29-095			
		E g ///			
Statut Here					
Handlicht Arty		SEESHO			
in the second seco					
				No Fueling Zi	ones
TAR-84.81 DUA RIVER	94.96 WETLAND AM-195				
TAP-34.81	AM .			(NOT TO SCA	
·↑ +  + 		= = =		SCALE - See Photo Band for Actual Survey)	
	 - <del> </del>			al Schematic sto Band for A	
и I 94.73-W тёх	   7/A 94.85-W			(ctual Survey	
	ום	JBLIC			
VISIONS					<b>S</b> 81
ate Application esponse	CHK. APP. EE EE EE EE	PACIFIC CO	ECTOR GAS PIPEL NNECTOR GAS PI NMENTAL ALIGN	PELINE, LP	Pacific
		Μ	PREADS #4 & #5 P 93.88 TO 94.95	5	Connector Gas PIPELINE
	DR		AS COUNTY, OR		24x36 SCALE:1 Inch = 200 Feet
200 400			AUG-2019 ISSUED FOR CC AUG-2019 DRAWING NUMBER: 343	0.29-094	11x17 SCALE:1 Inch = 450 Feet SHEET 94 OF 226
	1		I		

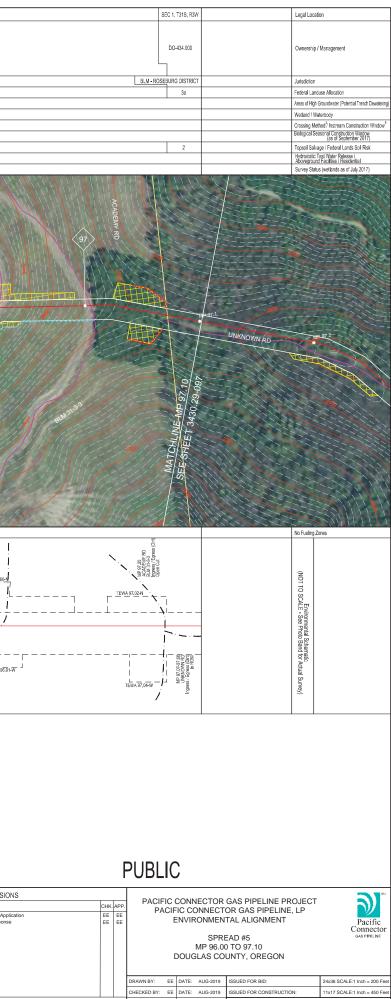
Legal Location			SEC 35, T305, R3W	_	SEC 2, T31S, R3W SEC 3, T31S, R3W	Legal Location
					DC-433.000	
Ownership / Management		DO-430.000	D0-431.000	_	00435000	Ownership / Management
					DO-432.000	
Jurisdiction		DOUGLAS COU	BLM - ROSEBURG DISTRICT		DOUGLAS COUNTY	Jurisdiction
Federal Landuse Allocation Areas of High Groundwater (Potential Trench Dewalering)		NOV - MAY	8 7 8 20	3a		Federal Landuse Allocation Areas of High Groundwater (Potential Trench Dewatering)
Wetland / Waterbody Crossing Method ŷ Instream Construction Window ⁸		Trib to S. Umpqua River I Dry Open Cut / July 1 - Sept 15				Wetland / Waterbody Crossing Method ¹ Instream Construction Window ⁶
Biological Seasonal Construction Window (as of September 2017)			-NSO (MARCH 1 - JULY 15 (No Activity))			Biological Seasonal Construction Window (as of September 2017)
Topsoil Salvage / Federal Lands Soil Risk Hydrostatic Test Water Refease / Aboveground Facilities / Residential			HYDROSTATIC TEST BREA	2AK		Topsoil Salvage / Federal Lands Sol Risk Hydrosiatic Test Water Release / Aboveground Facilities / Residential
Survey Status (wetlands as of July 2017)						Survey Status (wetlands as of July 2017)
		LICK OREEK			BLM 31-9-2	
	<u>ME MP 94.95</u> 3430.29-000 x					ALL AND AL
No Fuel ng Zones	MATCH.	No Fueling Allowed			BLM 37-32-3	No Fueling Zones
(NOT TO SCALE * See Photo Band for Actual Survey)						(NOTTO SCALE - See Photo Band for Actual Survey)
remove stumps or root systems for 3: In wetlands segregate the top one' or saturated soils are present. 4: Topsoil will be stripped from the tre residential areas. Topsoil may be ir reclamation. 5: If streams proposed to be open cut open cut method (i.e., flume, dam & the time of construction, they will be 6: Right-of-way grading or vegetation 7: Seed mixes in the ECRP or accord 8: Pacific Connector understands that	sposal. imps and grading activities to om the rest of the construction is foot of topsoil from the trenc rench line and spoil storage a imported in residential areas ut are flowing at the time of cc & pump, etc.). If streams pro be open cut. n clearing will occur as neces rding to landowner agreement	oot systems in place and remove the directly over the trench line. Do not grade or inght-ol-way. h line, except in areas where standing water rea only in croplands, hayfields, pastures and as necessary to assure adequate unstruction, they will be crossed using a dry posed to be dry open cut are not flowing at sary. s or as directed by E.I.	ND Proposed Pipeline Ution Right-of-Way Stream Wetland Stream Wetland Stream Wetland Stream Comportany Construction Right-of-Way Bremanent / Temporary Access Road (PAR / TAR) Uncleared Storage Area Pipe Yard Pipe Yard Access Road Pipe Yard Stream Divable Berm or Sediment Barrier / Portable Bridge / Wetland Crossing (B) (B) (B) (B) (B) Stream State Filter Windrow (B) Construction Entrance Pad (B)	BLM LANDUSE     - 2016 RMP     REV       2:     - 0xtc: Designad Rearrer (10-furver)	Application EE EE EE EE ENVIRO	UG-2019 ISSUED FOR CONSTRUCTION: 11x17 SCALE:1 Inch = 450 Feet

Legal Location	SEC 2, T315, R3W
Ownership / Management	D0-433.000
Jurisdiction	DOUGLAS COUNTY
Federal Landuse Allocation	
Areas of High Groundwater (Potential Trench Dewalering)	
Wetland / Waterbody	
Crossing Method 7 Instream Construction Window ⁸	
Biological Seasonal Construction Window (as of September 2017)	
Topsoil Salvage / Federal Lands Soil Risk	
Topsoil Salvage / Federal Lands Soil Risk Hydrostatic Test Water Release / Aboveground Facilities / Residential	
Survey Status (wetlands as of July 2017)	





l								
	NOTES:	LEGEND		BLM LANDUSE - 2016 RMP				REVIS
	<ol> <li>In wetlands cut vegetation off at ground level, leaving existing root systems in place and remove the vegetation from the wetland for disposal.</li> </ol>	Proposed Pipeline	Tax Parcel Boundaries	2a - District Designated Reserve (No Harvest)	NO. D	DATE E	BY DESCRI	PTION
	<ol> <li>In wetlands limit pulling of tree stumps and grading activities to directly over the trench line. Do not grade or remove stumps or root systems from the rest of the construction right-of-way.</li> </ol>	Construction Right-of-Way	Stream	2b - District Designated Reserve (Non-Forest) 3a - Late-Successional Reserve (Dry Forest) 3b - Late-Successional Reserve (Moist Forest)	2 Aug-2			or FERC Certificate Ap or FERC DEIS Respon
	3: In wetlands segregate the top one foot of topsoil from the trench line, except in areas where standing water or saturated soils are present.	(Shown white on photography)	Access Road	4a - Riparian Reserve (Dry Forest) 4b - Riparian Reserve (Moist Forest) 5 - Eastside Management Area				
	4: Topsoil will be stripped from the trench line and spoil storage area only in croplands, hayfields, pastures and residential areas. Topsoil may be imported in residential areas as necessary to assure adequate		Permanent / Temporary Access Road (PAR / TAR)	Harvest Land Base (Uncven-Aged Timber Area)     Harvest Land Base (Low Intensity Timber Area)     Harvest Land Base (Moderate Intensity Timber Area)				
	reclamation. 5: If streams proposed to be open cut are flowing at the time of construction, they will be crossed using a dry	Uncleared Storage Area	Note: BMP type and placement to be determined by Environmental Inspector based on site-specific conditions.	<ul> <li>Marvesi Land base (Moderate Intensity Intiber Area)</li> </ul>				
	open cut method (i.e., flume, dam & pump, etc.). If streams proposed to be dry open cut are not flowing at the time of construction, they will be open cut.		Drivable Berm or Sediment Barrier / Portable Bridge / Wetland Crossing DB (SB (PB (WC)     Silt Fence (SF)	FEDERAL LANDS SOIL RISK SENSITIVITY RANK				
	6: Right-of-way grading or vegetation clearing will occur as necessary.	Aboveground Facility	→ Safety Fence (SAF)	1-Very Low				
	<ul> <li>7: Seed mixes in the ECRP or according to landowner agreements or as directed by E.I.</li> <li>8: Pacific Connector understands that fisheries' construction windows only apply to those waterbodies flowing</li> </ul>	Rock Source/Disposal	Slash Filter Windrow (SPW) Construction Entrance Pad (CE)	2-Low 3-Moderate			200	0
- 1	at the time of construction and that the windows do not apply to HDD crossings	1		4-High	i.			and the second se



RAWING 3430.29-096 SHEET 96 OF 226 200 400 FEET PROVED BY: EE DATE: AUG-2019

Legal Location		SEC 1, T31S, R3W		
Ownership / Menagement		D0-434.000		
Jurisdiction Federal Landuse Allocation Areas of High Gioundivater (Potential Trench Dewatering)		BLM - ROSEBURG DISTRICT 3a		4a
Weiten/ Wartody           Crossing Method? Instream Construction Window*           Biological Seasoral (Constrainton Window           (as d Seglinger Federal Lands Sol Risk           Hydrosolia Sanger Federal Lands Sol Risk           Hydrosolia Senger Federal Federalest           Aboveground Federal Federalest	2 2/3	1/2 2/3 1/2 2/3 1/2	2 3	2
				BLM 314
No Fueling Zones	Sign State S		STOUT CEERS	ITEMA 52,79-M
<ul> <li>NOTES:</li> <li>1: In wetlands cut vegetation off at ground level, leaving existing root systems in place and remove th vegetation from the wetland for disposal.</li> <li>2: In wetlands limit pulling of tree stumps and grading activities to directly over the trench line. Do no remove stumps or root systems from the rest of the construction right-of-way.</li> <li>3: In wetlands segregate the top one foot of topsoil from the trench line, except in areas where stand or saturated soils are present.</li> <li>4: Topsoil will be stripped from the trench line and spoil storage area only in croplands, hayfields, pareidential areas. Topsoil may be imported in residential areas as user adequate reclamation.</li> <li>5: If streams proposed to be open out are flowing at the time of construction, they will be crossed used out the topsoil and the time of the topsoil on the will be crossed used as the time of the topsoil on the tops of the topsoil and the time of the topsoil on the topsoil be topsoil topsoil as the time of the topsoil on the topsoil be topsoil on the topsoil be topsoil on the topsoil be topsoil as the time of the topsoil on the topsoil be topsoil be topsoil be topsoil on the topsoil be topsoi</li></ul>	t grade or ing water stures and g a dry g a dry t grade or Construction Right-of-Way (Stoolin while or photography) Temporary Construction Right-of-Way (Stoolin while or photography) Temporary Extra Work Area Uncleared Storage Area Note:	m ss Road anent / Temporary Access Road (PAR / TAR) BMP type and placement to be determined by Environmental Inspector based on site-specific conditions		No.         DATE         BY         DESCRIPTION           text)         Sept-2017         EE         Issued for FERC Certificate Application           text)         2         Aug-2019         EE         Issued for FERC DEIS Response           ther Area)         Vinter Area         Vinter Area         Vinter Area         Vinter Area
<ul> <li>open cut method (i.e., flume, dam &amp; pump, etc.). If streams proposed to be dry open cut are not fl the time of construction, they will be open cut.</li> <li>Right-Orway grading or vegetation clearing will occur as necessary.</li> <li>Seed mixes in the ECRP or according to landowner agreements or as directed by E.I.</li> <li>Pacific Connector understands that linetries construction windows only apply to those waterbodie at the time of construction and that the windows do not apply to HDD crossings.</li> </ul>	owing at Aboveground Facility	ivable Berm or Sediment Barrier / Portable Bridge / Wetland Crossing (B) (B) (B) (WC) It Fence (SF) alsh Filter Windrow (SFW) onstruction Entrance Pad (CE)	FEDERAL LANDS SC RISK SENSITIVITY R */wp icm */dow */dow */dow */dow */dow */dow */dow */dow */dow */dow	DIL ANK 200 0 200 400 FEET

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Legal Location	SEC 1, T31S, R3W	SEC 12, T315, R3W
Ownership / Management	D0-434.000	DO-435.000
Jurisdicton	BLM-ROSEBURG DISTRICT	D0-496.000RT D0UGLAS COUNTY
Federal Landuse Allocation	Ja A Ripariar Reserve	
Areas of High Groundwater (Potential Trench Devalening) Weiland / Waterbody	The los Umpque Riv	er
Crossing Method ¹ Instream Construction Window ⁶ Biological Sessong Construction Window (as Or September 2017)	Dry Open-Cut / July 1 - S	Sept. 15
Topsoil Salvage / Federal Lands Soil Risk	2/3 1/2	
hydrotartic Teel Water Palesee Acoverganud rafar Breiter Survey Status (wetlands as of July 2017)		
No Fueling Zones	Signature         Signature <t< td=""><td>ОС ПОЛУ 1000         ПЕЛА 88.06.4           1         ПЕЛА 98.06.4           1         ПЕЛА 98.06.4</td></t<>	ОС ПОЛУ 1000         ПЕЛА 88.06.4           1         ПЕЛА 98.06.4           1         ПЕЛА 98.06.4
<ul> <li>NOTES:</li> <li>1: In wetlands cut vegetation off at ground level, leaving existing root systems in place and vegetation from the wetland for disposal.</li> <li>2: In wetlands limit pulling of tree stumps and grading activities to directly over the trench in remove stumps or root systems from the rest of the construction right-of-way.</li> <li>3: In wetlands sergregate the top one foot of topsoil from the trench line, except in areas w or saturated solis are present.</li> <li>4: Topsoil will be stripped from the trench line and spoil storage area only in croplands, he recidential areas. Topsoil may be imported in residential areas as necessary to assure : reclarmation.</li> <li>5: If streams proposed to be open out are flowing at the time of construction, they will be copen out.</li> <li>6: Right-of-way grading or vegetation clearing will occur as necessary.</li> <li>7: Seed mixes in the ECRP or according to landowner agreements or as directed by EJ.</li> <li>8: Pracific Connector understands that fisheries' construction windows only apply to those at the time of construction and that the windows do not apply to HDD crossings.</li> </ul>	ne. Do not grade or here standing water vfields, pastures and dequate rossed using a dry t are not flowing at	

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Legal Location	SEC 12, T31S, R3W	SEC 13, T315, R3W			
Ownership / Management	DC-435.000	DG-437.000		DC-438.000	
Jurisdiction Federal Landuse Allocation	DOULGLAS COUNTY		AQUA NATIONAL FOREST xxxssional Reserve - Umpqua NF		
Areas of High Groundwater (Potential Trench Dewatering)		raioviu	дозална позати • опрофил чт		
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Pipe Yard		Drivable Berm or Sediment Barrier / Portable B
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Rock Source/Disposal	~~~~	Slash Filter Windrow (SFW)
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		Legal Location
		·
		Ownership / Management
BLM - ROSEBURG DISTRICT 3a		Jurisdiction
38		Federal Landuse Allocation Areas of High Groundwater (Potential Trench Dewatering)
		Wetland / Waterbody Crossing Method ⁵ Instream Construction Window ⁶
		Biological Seasonal Construction Window (as of September 2017) Topsoil Salvage / Federal Lands Soil Risk
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									D0-439.000
Ownership / M	anagement			DO-438.000					D0+458.000
	Jurisdiction	BLM - ROSEBURG	DISTRICT		UMPQUA NATIONAL FOREST				DOUGLAS COUNTY
Federal Landus	e Allocation	3a			Late-Successional Reserve - Umpqua NF				
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200 400 FEET	DRAWN BY: EE DATH CHECKED BY: EE DATH APPROVED BY: EE DATH	E: AUG-2019	ISSUED FOR BID: ISSUED FOR CONSTRUCTIO DRAWING NUMBER: 3430.29-11		24x36 SCALE:1 Inch = 200 Feet 11x17 SCALE:1 Inch = 450 Feet SHEET 100 OF 226

Legal Location		SEC 24, T31S, R3W	SEC 25, T31S, R3W
Ownership / Management		DO-438,000 DO-440,000	DC-441.000
Jurisdiction	DOU	SLAS COUNTY UMPQUA NATIONAL FOREST	BLM - ROSEL
Federal Landuse Allocation Areas of High Groundwater (Potential Trench Dewalering)		Matrix - Umpqua NF	
Wetland / Waterbody Crossing Method ⁹ Instream Construction Window ⁶			
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		Legal Location
		Ownership / Management
JRG DISTRICT		Jurisdiction
a		Federal Landuse Allocation Areas of High Groundwater (Potential Trench Dewatering)
		Wetland / Waterbody
		Crossing Method ⁵ Instream Construction Window ⁸ Biological Sessonal Construction Window
		Biological Seasonal Construction Window (as of September 2017) Topsoil Salvage / Federal Lands Sol Risk
		Hydrostatic Test Water Release / Aboveground Facilities / Residential
		Survey Status (wetlands as of July 2017)
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	SPREAD #5 MP 101.19 TO 102.10 DOUGLAS COUNTY, OREGON	
	DRAWN BY:         EE         DATE:         AUG-2019         ISSUED FOR BID:           CHECKED BY:         EE         DATE:         AUG-2019         ISSUED FOR CONSTRUCTION	24x36 SCALE:1 Inch = 200 Feet N: 11x17 SCALE:1 Inch = 450 Feet
200 400 FEET	APPROVED BY: EE DATE: AUG-2019 DRAWING 3430.29-10	
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Legal Location				SEC 25, T31S, R3W			SE
Ownership / Management				DG-441.000			
Jurisdiction Federal Landuse Allocation		BLM - ROSEBURG DISTRICT 3a Riparian Reserve 4a-4a-		UMPQUA N/ Matrix - Umpqua NF	ATIONAL FOREST		DO
Areas of High Groundwater (Potential Trench Dewatering) Wetland / Waterbody		 WW-003-005					
Crossing Method ⁵ Instream Construction Window ⁶ Biological Seasonal Construction Window (as of September 2017)							
Topsoil Salvage / Federal Lands Soil Risk			2			2/3	2
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SEC 36, T31S, R3W		Legal Location
DO-442.000		Ownership / Management
DOUGLAS COUNTY		Jurisdiction Federal Landuse Allocation
		Areas of High Groundwater (Potential Trench Dewatering) Wetland / Waterbody
		Crossing Method ⁵ Instream Construction Window ⁶ Biological Seasonal Construction Window (as of September 2017)
		Topsoil Salvage / Federal Lands Soil Risk Hydrostatic Test Water Release / Aboveground Facilities / Residential
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esponse EE	EE ENVIRONMENTAL ALIGNMENT SPREAD #5	Pacific Connector GAS PIPELINE
	MP 102.10 TO 103.00 DOUGLAS COUNTY, OREGON	
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		OF 226

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Legal Location				SEC 36, T31S, R3W		
Ownership / Management	t		DO-442.000	DO-443.000	DO-442.000	
Jurisdiction				DOUGLAS COUNTY		
Federal Landuse Allocation						
Areas of High Groundwater (Potential Trench Dewatering)						
Wetland / Waterbody						
Crossing Method 7 Instream Construction Window						
Biological Seasonal Construction Window (as of September 2017)						
Topsoil Salvage / Federal Lands Soil Risk						
Hydrostatic Test Water Release / Aboveground Facilities / Residential						
Survey Status (wetlands as of July 2017)						
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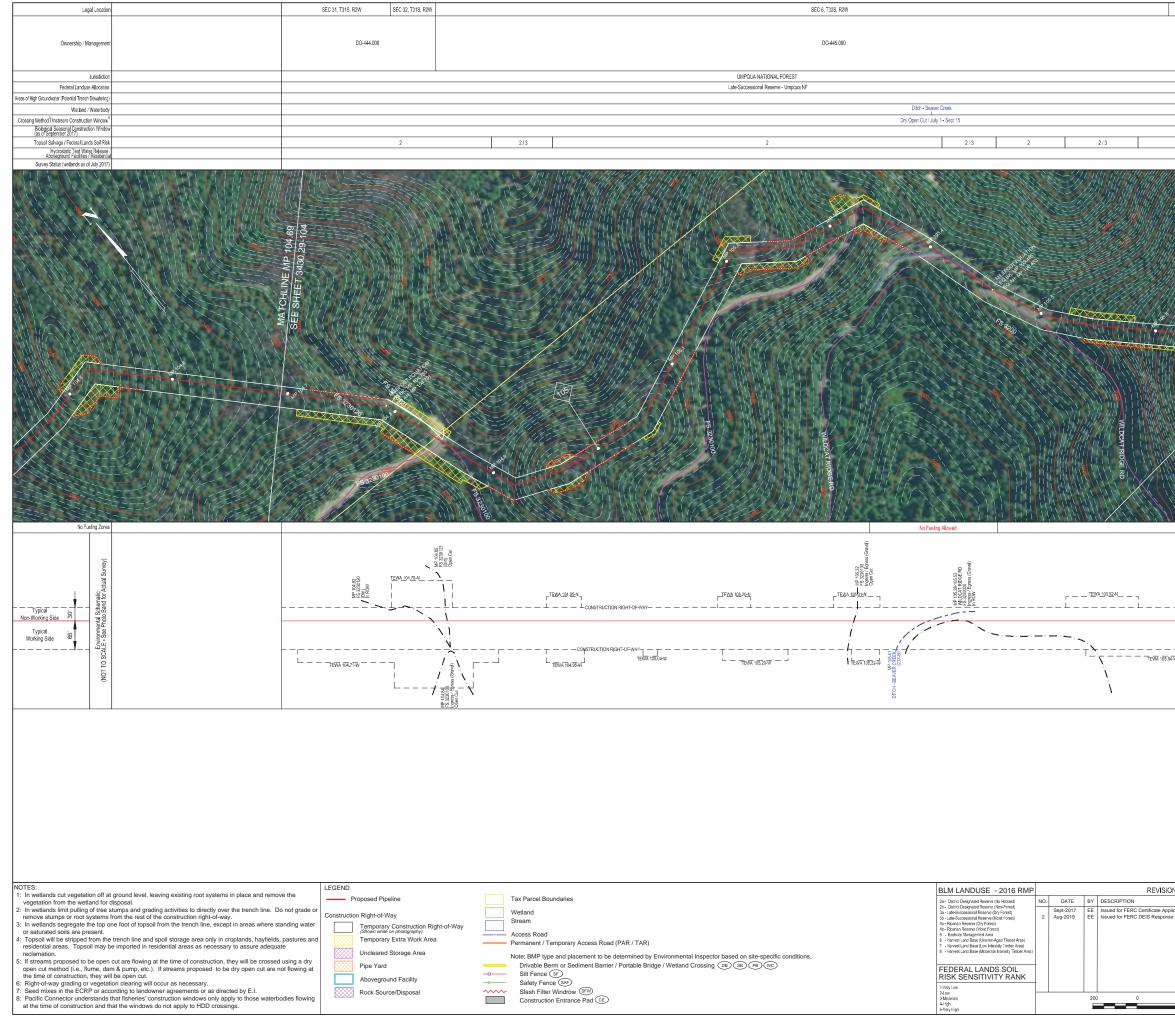
			Legal Locat	tion
			Ownership (	/ Management
			Jurisdiction	
			Areas of High	tuse Allocation Groundwater (Potential Trench Dewatering)
			Wetland / Wa Crossing Met	thod ⁵ Instream Construction Window ⁸
			Topsoil Salva	asonal Construction Window (as of September 2017) age / Federal Lands Soil Risk
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ificate Application	CHK. AF EE E EE E	ACIFIC CONNECTOR GAS PIPELINE ENVIRONMENTAL ALIGNMENT SPREAD #5 MP 103.00 TO 103.75 DOUGLAS COUNTY, OREGON		Pacific Connector GAS PPELINE
		DRAWN BY:         EE         DATE:         AUG-2019         ISSUED FOR BID:           CHECKED BY:         EE         DATE:         AUG-2019         ISSUED FOR CONSTRUCTION		24x36 SCALE:1 Inch = 200 Feet 11x17 SCALE:1 Inch = 450 Feet
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SHEET 103 OF 226

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Legal Location	SEC 36, T31S, R3W		SEC 31, T31S, R2W	
Ownership / Management	DO-442.000		DO-444.000	
Jurisdiction	DOUGLAS COUNTY		UMPQUA NATIONAL FOREST	
Federal Landuse Allocation			Late-Successional Reserve - Umpqua NF	
Areas of High Groundwater (Potential Trench Dewalering)				
Wetland / Waterbody	CW-56			
Crossing Method ⁹ Instream Construction Window ⁵				
Biological Seasonal Construction Window (as of September 2017)				
Topsoil Salvage / Federal Lands Soil Risk		2	3	
Hydrostatic Test Water Release / Aboveground Facilities / Residential				
Survey Status (wetlands as of July 2017)				
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NOTES:         1: In wetlands cut vegetation off at ground level, leaving existing root systems in place and vegetation from the wetland for disposal.         2: In wetlands limit pulling of tree stumps and grading activities to directly over the trench lin remove stumps or root systems from the rest of the construction right-of-way.         3: In wetlands segregate the top one foot of topsoil from the trench line, except in areas wh or saturated soils are present.         4: Topsoil will be stripped from the trench line and spoil storage area only in croplands, hay residential areas. Topsoil may be imported in residential areas as necessary to assure areclamation.         5: If streams proposed to be open cut are flowing at the time of construction, they will be or open cut method (i.e., flowe, dam & pump, etc.). If streams proposed to be dry open cut the time of construction, they will be open cut.         6: Right-of-way grading or vegetation clearing will occur as necessary.         7: Seed mixes in the ECAP or according to landowner agreements or as directed by E.I.         8: Pacific Connector understands that fisheries' construction windows only apply to those w at the time of construction and that the windows do not apply to HDose	tere standing water ere standing water fields, pastures and dequate ossed using a dry are not flowing at		BLM LANDUSE         - 2016 RMP           Za- Diard Designand Reserve (bx finned)         NO.         DATE         BY         DESCRIPTION           Za- Law-Scored Hearter (bx finned)         Sage 2017         EE         Issued for FERC Cerl           Sa -Law-Scored Hearter (bx finned)         - Aug-2019         EE         Issued for FERC Cerl           Sa- Law-Scored Hearter (bx finned)         - Aug-2019         EE         Issued for FERC DEI           Sa- Havet Law Box (dx referred) Timer Ava)         - Aug-2019         EE         Issued for FERC DEI           S- Havet Law Box (dx referred) Timer Ava)         - Havet Law Box (dx referred) Timer Ava)         E         E           FEDERAL LANDS SOIL         RISK SENSITIVITY RANK         Aug-2019         EE         E           Havet Law Box (dx referred) Timer Ava)         - Aug-2019         E         E         E           FEDERAL LANDS SOIL         Soil         E         E         E         E         E         E         E         E         E         E         E         E         E         E         E         E         E         E         E         E         E         E         E         E         E         E         E         E         E         E         E         E	REVISI rtificate Ap

		Legal Location
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		Wetland / Waterbody Crossing Method ⁵ Instream Construction Window ⁶ Biological Seasonal Construction Window (as of September 2017)
2		Topsoil Salvage / Federal Lands Sol Risk Hydrostatic Test Water Release / Aboveground Facilities / Residential
		Survey Status (wetlands as of July 2017)
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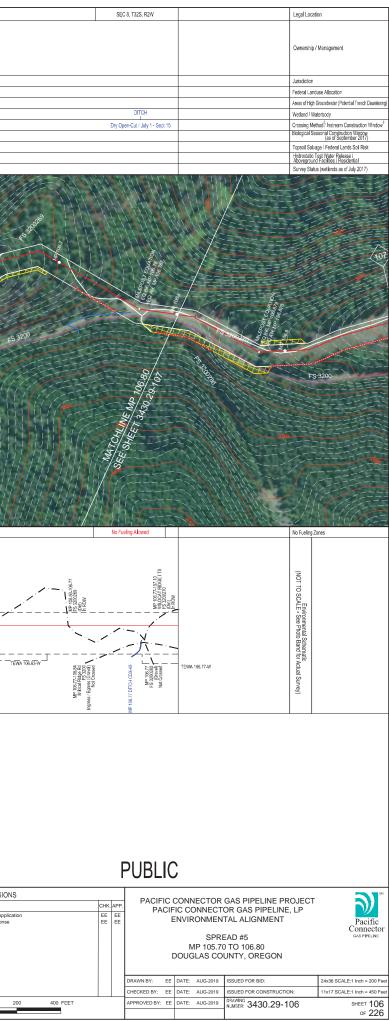
SEC 5, T32S, R2W		Legal Location
		Ownership / Management
		Jurisdiction
		Federal Landuse Allocation Areas of High Groundwater (Potential Trench Dewatering)
		Wetland / Waterbody Crossing Method ⁵ Instream Construction Window [®]
		Biological Seasonal Construction Window (as of September 2017)
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RAWING 3430.29-105

SHEET 105 OF 226

Legal Location				SEC 5, T325, R2W	
Ownership / Management				DO-445.000	
Jurisdiction Federal Landuse Allocation				UMPQUA NATIONAL FOREST Late-Successional Reserve - Umpgua NF	
Areas of High Groundwater (Potential Trench Dewatering) Welland / Waterbody Crossing Method ¹ Insteam Construction Window ⁶				сее обоссовно почине опрерати	
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		Rock Source/Disposal	~~~~	Slash Filter Windrow
ng	evvvv			Construction Entrance



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Legal Location			SEC 8, T32S, R2W		
Ourpership / Management			DO-445.000		
Ownership / Management			UU-440.000		
Jurisdiction			UMPQUA NATIONAL FOREST		
Federal Landuse Allocation			Late-Successional Reserve - Umpqua NF		
Areas of High Groundwater (Potential Trench Dewalering) Wetland / Waterbody					
Crossing Method 7 Instream Construction Window ⁸					
Biological Seasonal Construction Window (as of September 2017) Topsol Salvage / Federal Lands Soil Risk	1/2	2/3	2 1	2	3 2
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NOTES: 1: In wetlands cut vegetation off at ground level, leaving existing root s vegetation from the wetland of or disposal.	TERM 105.77/W			BLM LANDU	TEWA 10736-37           TEWA 10736-37           SE         - 2016 RMP           REVISIONS           Intervel (No finance)           NO.         DATE           BY         DESCRIPTION
NOTES: 1: In wetlands imit pulling of the sumps and grading activities to direct remove stumps or root systems from the rest line to to proof to the terror. Inter- termove stumps or root systems from the rest of the construction rights.	TEWA 105.77.4	Tax Parcel Boundaries		BLM LANDU BLM LANDU	SE         - 2016 RMP         REVISIONS           Sterry No flowed         NO.         DATE         BY         DESCRIPTION           Sterry No flowed         2         Sept-2017         EE         Issued for FERC Certificate Application           See (Dyright)         2         Sept-2017         EE         Issued for FERC Certificate Application
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•	Pacific Connector understands that fisheries' construction windows only apply to those waterbodies
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	at the time of construction and that the windows do not apply to HDD crossings.

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	Aboveground Facility		Safety Fence SAF
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APP		NUMBER: 3430.29-107	SHEET 107 OF 226

Legal Location	SEC 8, T32S, R2W	SEC 17, T32S, R2W		SEC 16, T32S, R2W		
Ownership / Management			D0-445.000			
Jurisdiction			UMPQUA NATIONAL FO	REST		
Federal Landuse Allocation		Late-Successional Reserve - Umpqua NF			Matrix - Umpqua NF	
Areas of High Groundwater (Potential Trench Dewalering)						
Wetland / Waterbody			Ditch		Ditch	
Crossing Method 7 Instream Construction Window ⁸			Dry Open-Cut / July 1 - Sept 15		Dry Open-Cut / July 1 - Sept 15	
Biological Seasonal Construction Window (as of September 2017)						
Topsoil Salvage / Federal Lands Soil Risk			2		3	2/3
Hydrostatic Test Water Release / Aboveground Facilities / Residential						
Survey Status (wetlands as of July 2017)						



No Fueling Zones	No Fueling Allowed	No Fueling Allowed
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	NOTES: 1: In wetlands cut vegetation off at ground level, leaving existing root systems in place and remove the	LEGEND		BLM LANDUSE - 2016 RMP				REVISIO
	vegetation from the wetland for disposal.	Proposed Pipeline	Tax Parcel Boundaries	2a - District Designated Reserve (No Harvest) 2b - District Designated Reserve (Non-Forest)	NO.	DATE	BY	DESCRIPTION
	 In wetlands limit pulling of tree stumps and grading activities to directly over the trench line. Do not grade or remove stumps or root systems from the rest of the construction right-of-way. 	Construction Right-of-Way	Vetland Stream	3a - Late-Successional Reserve (Dry Forest) 3b - Late-Successional Reserve (Moist Forest)		Sept-2017 Aug-2019		Issued for FERC Certificate App Issued for FERC DEIS Response
	3: In wetlands segregate the top one foot of topsoil from the trench line, except in areas where standing water or saturated soils are present.	(Shown white on photography)	Access Road	4a - Riparian Reserve (Dry Forest) 4b - Riparian Reserve (Moist Forest) 5 - Eastside Management Area				1
	4: Topsoil will be stripped from the trench line and spoil storage area only in croplands, hayfields, pastures and residential areas. Topsoil may be imported in residential areas as necessary to assure adequate		Permanent / Temporary Access Road (PAR / TAR)	6 - Harvest Land Base (Uneven-Aged Timber Area) 7 - Harvest Land Base (Low Intensity Timber Area) 8 - Harvest Land Base (Moderate Intensity Timber Area)				1
	reclamation. 5: If streams proposed to be open cut are flowing at the time of construction, they will be crossed using a dry	Uncleared Storage Area	Note: BMP type and placement to be determined by Environmental Inspector based on site-specific conditions. Drivable Berm or Sediment Barrier / Portable Bridge / Wetland Crossing (DB) (SB) (PB) (WC)	 - Harvesi Land base (would als intensity initial Area) 				1
	open cut method (i.e., flume, dam & pump, etc.). If streams proposed to be dry open cut are not flowing at the time of construction, they will be open cut.	Pipe Yard Aboveground Facility	-o- Silt Fence (SF)	FEDERAL LANDS SOIL RISK SENSITIVITY RANK				1
	 Right-of-way grading or vegetation clearing will occur as necessary. Seed mixes in the ECRP or according to landowner agreements or as directed by E.I. 		Slatety Fence (SAF)	1-Very Low 2-Low				i
	 Pacific Connector understands that fisheries' construction windows only apply to those waterbodies flowing at the time of construction and that the windows do not apply to HDD crossings. 	Rock Source/Disposal	Construction Entrance Pad CE	3-Moderate 4-High			200	0
	at the time of construction and that the windows do not apply to heb clossings.			5-Very High			_	

		Legal Location
		Ownership / Management
		Jurisdicton Federal Landuse Allocation Areas of High Groundwater (Petersial Trench Dewatering) Wettand / Waterbody Crossing Method ¹ Instream Construction Window ¹ Biological Sassenge Construction Wandow ¹ Biological Sassenge Facility (Sassenge Construction Wandow ¹ Aboregorization Facilities as of July 2017) Survey Status (Water Rossenger)
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		No Fueling Zones (NOT TO SCALE - See Photo Band for Actual Survey)
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		OF 226

Legal Location	SEC 16, T325, R2W	
Ownership / Management	D0-445.000	
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Jurisdiction Federal Landuse Allocation	UMPQUA NATIONAL FOREST Matrix- Umpqua NF	
Areas of High Circundivister (Potential Trench Devalering) Westand (Waterbody		
Crossing Method ¹ Instream Construction Window ⁴ Bological Seasong (Construction Window (as of September 2017)		Not Crossed
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Survey Status (wellands as of July 2017)		Tool
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NOTES: 1: In wellands cut vegetation off at ground level, leaving existing root systems in place and remove the vegetation from the welland for disposal.	Tax Parcel Boundaries	BLM LANDUSE - 2016 RMP REVISION 2a - District Designated Reserve (Mo Harvet) NO. DATE BY DESCRIPTION
2: In wetlands limit pulling of tree stumps and grading activities to directly over the trench line. Do not grade or remove stumps or root systems from the rest of the construction right-of-way. Construction Right-of-Way	nstruction Right-of-Way Stream	2- Start: Dispress Nor-Forest 3- Lab-Accessional Reserve (Nor-Forest) 3- Lab-Accessional Reserve (Nor-Forest) 4- Reprint Reserve (Nor-Forest) 4- Reprint Reserve (Nor-Forest) 4- Reprint Reserve (Nor-Forest)
or saturated soils are present. 4. Topsoil will be stripped from the tench line and spoil storage area only in croplands, hayfields, pastures and regidential pages Transmitting and the important is regidential page on pages to be pay to describe the source of the so	atorgaphy) access Road (PAR / TAR)	5 - Easts/cef Maragement Area 6 - Harvest Land Base (Uneven-Aged Timber Area) 7 - Harvest Land Base (Unev Intersity Timber Area)
reclamation. 5: If streams proposed to be open cut are flowing at the time of construction, they will be crossed using a dry open cut method (i.e., flume, dam & pump, etc.). If streams proposed to be dry open cut are not flowing at Pipe Yard	Drivable Bern or Sediment Barrier / Portable Bridge / Wetland Crossing (8 - Harvest Land Base (McGerste liftensty Tember Area). FEDERAL LANDS SOIL
the time of construction, they will be open cut. 6: Right-of-way grading or vegetation clearing will occur as necessary. 7: Seed mixes in the ECRP or according to landowner agreements or as directed by E.I. Rock Source.	Salety Folde	
8: Pacific Connector understands that fisheries' construction windows only apply to those waterbodies flowing	Isposal Staal rule window C	24.0m 200 0 44/ph 200 0

	Legal Location
	Ownership / Management
	Jurisdiction
	Federal Landuse Allocation
	Areas of High Groundwater (Potential Trench Dewatering)
	Wetland / Waterbody Crossing Method ⁵ Instream Construction Window [®]
	Biological Seasonal Construction Window (as of September 2017)
	Topsoil Salvage / Federal Lands Soil Risk
	Hydrostatic Test Water Release / Aboveground Facilities / Residential
	Survey Status (wetlands as of July 2017)
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DOUGLAS COUNTY, OREGON	
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CHECKED BY: EE DATE: AUG-2019 ISSUED FOR CONSTRUCTIO	N: 11x17 SCALE:1 Inch = 450 Feet
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	of 226

Legal Location	SEC 15, T32S, R2W	SEC 21, T325, R2W	SEC 22, T328, R2W	SEC 22, T32S, R2W
Ownership / Management		DO-445.000		JK-449.000
Juristiciton		UMPQUA NATIONAL FOREST		
Federal Landuse Allocation		Matrix - Umpqua NF		
Areas of High Gircundwater (Potential Trench Dewalering) Wetland / Waterbody	GSI-16			
Crossing Method ⁵ Instream Construction Window ⁵	Dry Open-Cut / July 1 - Sept 15	Dry Open-Cut / July 1 - Sept 15 Dry Open-Cut / July 1 - Sept 15 Dry Open-Cut / July 1 - Sept 15		
Biological Second Construction Window (as of September 2017) Toposil Salvage / Federal Lands Soil Risk	2	1 2 1 1/2		
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NOTES: 1: In wetlands cut vegetation off at ground level, leaving existing root systems in place	e and remove the Proposed Pipeline	Tay Parcel Doundation	BLM LANDUSE - 2016 RMP	REVISIONS
vegetation from the wetland for disposal. 2: In wetlands limit pulling of tree stumps and grading activities to directly over the tre	anch line. Do not grade or	Tax Parcel Boundaries	2a - District Designated Reserve (No Harvest) NO. DATE 2b - District Designated Reserve (Non-Forest) Sept-2017 Sept-2017 3a - Late-Successional Reserve (Dry Forest) Sept-2017 Sept-2017	EE Issued for FERC Certificate Application
remove stumps or root systems from the rest of the construction right-of-way. 3: In wetlands segregate the top one foot of topsoil from the trench line, except in are	Construction Right-of-Way	Internet Right-of-Way	3b - Late-Successional Reserve (Moist Forest) 2 Aug-2019 4a - Riparian Reserve (Moist Forest) 4b - Riparian Reserve (Moist Forest)	EE Issued for FERC DEIS Response
 or saturated soils are present. 4: Topsoil will be stripped from the trench line and spoil storage area only in cropland residential areas. Topsoil may be imported in solidantial areas as accesses to accesses. 	ls, hayfields, pastures and 🛛 😣 Temporary Extra W	Jork Area Access Road Permanent / Temporary Access Road (PAR / TAR)	40 - Roparian Reserve (Works Forest) 5 - Eastside Management Area 6 - Harvest Land Base (Uneven-Aged Timber Area) 7 - Harvest Land Base (Low Intensity Timber Area)	
residential areas. Topsoil may be imported in residential areas as necessary to ass reclamation.	Uncleared Storage	Area Note: BMP type and placement to be determined by Environmental Inspector based on site-specific conditions.	 Harvest Land Base (Low Intensity Timber Area) Harvest Land Base (Moderate Intensity Timber Area) 	
5: If streams proposed to be open cut are flowing at the time of construction, they will open cut method (i.e., flume, dam & pump, etc.). If streams proposed to be dry op the time of construction, they will be open cut.	en cut are not flowing at	Drivable Berm or Sediment Barrier / Portable Bridge / Wetland Crossing DB (38) (78) (90) (90)	FEDERAL LANDS SOIL RISK SENSITIVITY RANK	
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 Pacific Connector understands that fisheries' construction windows only apply to th at the time of construction and that the windows do not apply to HDD crossings. 	nose waterbodies flowing	Construction Entrance Pad (E)	1-Jery Low 2-Low 3-Molocarite 4-High 5-Very High	200 0 24

3:	Pacific Connector understands that fisheries' construction windows only apply to those waterbodi	ies
	at the time of construction and that the windows do not apply to HDD crossings.	

		-0	Silt Fence (SF)
	Aboveground Facility		Safety Fence SAF
\otimes	Rock Source/Disposal		Slash Filter Windrow (SFW) Construction Entrance Pad (CE)

Outstyl/Ingreen Indefer			
			Legal Location
			Ownership / Management
Image: Second			Jurisdiction
			Crossing Method ⁵ Instream Construction Window [®] Biological Seasonal Construction Window
	1		Topsoil Salvage / Federal Lands Soil Risk
			Hydrostatic Test Water Release / Aboveground Facilities / Residential
VISIONS PUBLIC VISIONS Mar Applontion Begoring December 20 20 400 FEET 20 400 FEET 400 FEET 4	$i i i \lambda / i i i i i i$		Survey Status (wetarius as of July 2017)
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Legal Location	SEC 22, T325, R2W		
Ownership / Management	JK-449.000		
Jurisdicton	UMPQUA NATIONAL FOREST		
Federal Landuse Allocation Areas of High Grounkwater (Potential Trench Devalering)	Matix - Umpqua NF		
Wetland / Waterbody	FS-HFN Dec Cover Cut Hat 4 Sent 45		
Crossing Method? Instream Construction Window ⁶ Biological Seasons(Construction Window (as of Seguritation 2017)	Dry Open-Cuit / July 1 - Sept 15	PEREGRINE FALCON (JANUARY 1 - AUGUST 31 (No Activity))-	
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 In wetlands cut vegetation off at ground level, leaving existing root systems in place and remove the vegetation from the wetland for disposal. In wetlands limit pulling of tree stumps and grading activities to directly over the trench line. Do not grade or 	Proposed Pipeline Tax Parcel Boundaries Wetland Stream Construction Right-of-Way Temporary Construction Right-of-Way Temporary Extra Work Area Permanent / Temporary Access Road Temporary Extra Work Area Permanent / Temporary Access Road (PAR / TAR) Uncleared Storage Area Note: BMP type and placement to be determined by Environmental Inspector based on site-specific conditions. Pipe Yard Aboveground Facility Safety Fence (SP) Safety Fence (SP) Safety Fence (SP) Safety Fence (SP)	BLM LANDUSE - 2016 RMP 2a - Diard Designed Reserv (16 Hinvel) NO. DATE BY DESCRIPTION 2a - Diard Designed Reserv (16 Hinvel) Saph-2017 EE Issued for FERC 1 3a - Machiconster Reserv (16 Hinvel) Aug-2019 EE Issued for FERC 1 3a - Machiconster Reserv (16 Hinvel) 2 Aug-2019 EE Issued for FERC 1 3a - Machiconster Reserv (16 Hinvel) 2 Aug-2019 EE Issued for FERC 1 3a - Honver Reserv (16 Hinvel) 2 Aug-2019 EE Issued for FERC 1 3a - Honver Reserv (16 Hinvel) - Hinvel Law Base (Law Reserver) Februar Reserver)<	

Legal Location Ownership / Management Jarisdolon Jarisdolon Federal Landsee Allocation Areas of High Genombart (Potential Trendential Trendential Trendential (Waterbook) Welland (Waterbook) Biological Seesing Landsee (Seetherbuck) Biological Seesing Legal House Legal Location Crossing Waterbook Biological Seesing Legal House Legal Lands Soli Hydrosoliti Teg Water Rebeart Legal Survey Statis (vetlends as of July 20	
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ONS PUBLIC PACIFIC CONNECTOR GAS PIPELINE PROJECT PACIFIC CONNECTOR GAS PIPELINE, LP ENVIRONMENTAL ALIGNMENT SPREAD #5 MP 110.18 TO 111.30 JACKSON COUNTY, OREGON DRAWN BY: EE DATE: AUG-2019 ISSUED FOR BID: 24498 SCALE-1 Inc CHECKED BY: EE DATE: AUG-2019 ISSUED FOR BID: 24498 SCALE-1 Inc CHECKED BY: EE DATE: AUG-2019 ISSUED FOR BID: 24498 SCALE-1 Inc CHECKED BY: EE DATE: AUG-2019 ISSUED FOR BID: 24498 SCALE-1 Inc CHECKED BY: EE DATE: AUG-2019 ISSUED FOR BID: 24498 SCALE-1 Inc CHECKED BY: EE DATE: AUG-2019 ISSUED FOR CONSTRUCTION: 11117 SCALE-1 Inc	nnector s PIPELINE ch = 200 Feet

Legal Location	n		SEC 27, T32S, R2W		SEC 26, T32S, R2W	
Ownership / Management				JK-449.000		
Jurisdiction Federal Landuse Allocation				UMPQUA NATIONAL FOREST Matrix - Umpgua NF		
Areas of High Groundwater (Potential Trench Dewalering) Wetland / Waterbody						
Crossing Method ¹ Instream Construction Window ¹ Biological Seasonal Construction Window (as of September 2017) Topsol Salvage / Federal Lands Soil Risk Hydrostatin Test Water Release Aboverground Federal Res Reseational Survey Status (vetlands as of July 2017)		2 1 2	1	PEREGRINE FALCON (JANUARY 1 - AUGUST 31 (No Activity))		1/2
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vegetation from the wetland for or 2: In wetlands limit pulling of tree errow 3: In wetlands segregate the top o or saturated soils are present. 4: Topsoil will be stripped from the residential areas. Topsoil may b reclamation. 5: If streams proposed to be open open cut method (i.e., flume, dai	stumps and grading activities to directly over the trench line. Do not grade i from the rest of the construction right-of-way. one foot of topsoil from the trench line, except in areas where standing wate e trench line and spoil storage area only in croplands, hayfields, pastures ar be imported in residential areas as necessary to assure adequate or cut are flowing at the time of construction, they will be crossed using a dry im & pum, etc.). If streams proposed to be dry open cut are not flowing at	Construction Kight-of-Way     Temporary Construction Right-of-Way     Temporary Construction Right-of-Way     Temporary Extra Work Area     Uncleared Storage Area	Tax Parcel Boundaries     Wetland     Stream     Access Road     Permanent / Temporary Access Road (PAR / TAR)     Note: BMP type and placement to be determined by Environmental Inspe     Drivable Berm or Sediment Barrier / Portable Bridge / Wetland Crossin     Silt Fence @r	ector based on site-specific conditions. ng (18) (38) (19) (19)	2 - District Designed Reserve (Nor-Forest) 3 - Liber Consecution Reserve (Nor-Forest) 4 - Robinst Reserve (Nor-Rotest) 5 - Robinst Reserve (Nor-Rotest) 6 - Forest (Nor-Rotest) 7 - Honel Lans Base (Nor-Rotest) 6 - Sharet Lans Base (Nor-Rotest) FEDERAL LANDS SOIL	REVISI ATE BY DESCRIPTION 2017 EE Issued for FERC Cartificate Ap 2019 EE Issued for FERC DEIS Respon
<ol><li>Seed mixes in the ECRP or acc</li></ol>	II be open cut. tion clearing will occur as necessary. cording to landowner agreements or as directed by E.I. that lisheries' construction windows only apply to those waterbodies flowing hat the windows do not apply to HDD crossings.	Aboveground Facility Rock Source/Disposal	Slat Filter Windrow (SP) Construction Entrance Pad (EE)		RISK SENSITIVITY RANK	200 0

	Legal Location
	Ownership / Management
	Jurisdiction
	Federal Landuse Allocation Areas of High Groundwater (Potential Trench Dewatering)
	Wetland / Waterbody
	Crossing Method ⁵ Instream Construction Window ⁶ Biological Seasonal Construction Window (as of September 2017)
	Topsoil Salvage / Federal Lands Sol Risk Hydrostatic Test Water Release / Aboveground Facilities / Residential
	Aboveground Facilities / Residential Survey Status (wetlands as of July 2017)
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SPREAD #5 MP 111.30 TO 112.15	GAS PIPELINE
JACKSON COUNTY, OREGON	
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 11x17 SCALE-11 Inch = 450 Feet

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Legal Location			SEC 26, 1	T32S, R2W						SEC	35, T32S, R2W	
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Ownership / Management							JK-449.000					
Jurisdiction							UMPQUA NATIONAL F					
Federal Landuse Allocation Areas of High Groundwater (Potential Trench Dewalering)							Matrix - Umpqua	NF				
Wetland / Waterbody												
Crossing Method ⁵ Instream Construction Window ⁸ Biological Seasonal Construction Window (as of September 2017)							PEREGRINE FALCON (JANUARY 1 - AU	JGUST 31 (No Activity))				
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vegetation from the wetland for d	lisposal.	sting root systems in place and remove the ies to directly over the trench line. Do not grade or	Proposed Pipeline		Tax Parcel Boundaries					2a - District Designated Reserve (No Harvest)         NC           2b - District Designated Reserve (Non-Forest)         3a - Late-Successional Reserve (Most Forest)           3b - Late-Successional Reserve (Most Forest)         2		BY DESCRIPTION
remove stumps or root systems f	rom the rest of the constru-	trench line, except in areas where standing water	Construction Right-of-Way		Wetland Stream					4a - Ripanan Reserve (Ury Forest)	Aug-2019	EE Issued for FERC Certificate Ap EE Issued for FERC DEIS Respon
or saturated soils are present.			Temporary Construction Right-of- (Shown white on photography) Temporary Extra Work Area		Access Road	ss Road (PAR / TAD)				4b - Riparian Reserve (Moist Forest) 5 - Eastside Management Area 6 - Harvest Land Base (Uneven-Aged Timber Area)		
reclamation.		age area only in croplands, hayfields, pastures and reas as necessary to assure adequate	Uncleared Storage Area		Permanent / Temporary Acce Note: BMP type and placeme		vironmental Inspector based on s	site-specific conditions.		A areas Land base (University Timber Area)     Harvest Land Base (Low Intensity Timber Area)     Harvest Land Base (Moderate Intensity Timber Area)		
open cut method (i.e., flume, dan	n & pump, etc.). If stream	e of construction, they will be crossed using a dry as proposed to be dry open cut are not flowing at	Pipe Yard	-0	Drivable Berm or Sedimer		/ Wetland Crossing DB SB			FEDERAL LANDS SOIL		
the time of construction, they will 6: Right-of-way grading or vegetation 7: Seed mixes in the ECRP or according to the	on clearing will occur as r		Aboveground Facility		Safety Fence SAF	0				RISK SENSITIVITY RANK		
<ol> <li>Seed mixes in the ECRP or according to the second se</li></ol>	hat fisheries' construction	windows only apply to those waterbodies flowing	Rock Source/Disposal		Slash Filter Windrow (SFV Construction Entrance Pa	dCE				2-Low 3-Mcclerate 4-High	· · · · · ·	200 0
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Aboveground Facility		Safety Fence SAF
Rock Source/Disposal	~~~~	Slash Filter Windrow (SFW)
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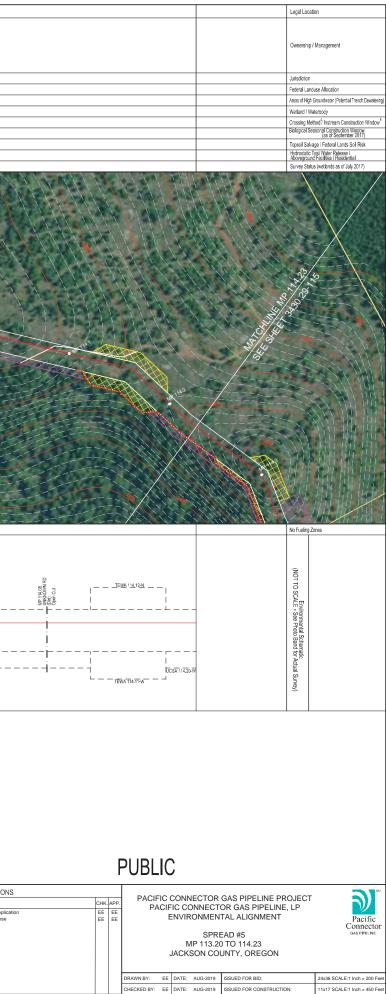
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Legal Location					SEC 36, T32S, R2W			
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Ownership / Management		6449			JN-430.000			
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Jurisdiction					JACKSON COUNTY			
Federal Landuse Allocation								
Areas of High Groundwater (Potential Trench Dewalering)								
Wetland / Waterbody								
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Biological Seasonal Construction Window (as of September 2017)		PEREGRINE FALCON	(JANUARY 1 - AUGUST 31 (No Activity))-	•				
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Pacific Connector understands that fisheries' construction windows only apply to those waterbod
at the time of construction and that the windows do not apply to HDD crossings.

	Aboveground Facility	<b></b>
dies flowing	Rock Source/Disposal	

Permanent / Temporary Access Road (PAR / TAR)	
Note: BMP type and placement to be determined by Environmental Inspector based on site-specific conditions.         Drivable Berm or Sediment Barrier / Portable Bridge / Wetland Crossing (DB) (SB) (PB) (WC)         Sill Fence (SF)         Safety Fence (SF)         Stafety Fence (SF)	
Construction Entrance Pad CE	

M LANDUSE - 2016 RMP				REVISION
District Designated Reserve (No Harvest)	NO.	DATE	BY	DESCRIPTION
Datrict Designated Reserve (Mon-Porest) Lake-Succession Reserve (Mon Forest) Lake-Succession Reserve (Most Forest) Reparatin Reserve (Most Forest) Establish Management Area Patricest Land Basis (University-Aged Trimber Area) Harvest Land Basis (University-Aged Trimber Area)	2	Sept-2017 Aug-2019	EE	Issued for FERC Certificate Applic Issued for FERC DEIS Response
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 ISSUED FOR CONSTRUCTION:
 APPROVED BY: EE DATE: AUG-2019 DRAWING 3430.29-114 SHEET 114 OF 226 400 FEET

Legal Location	SEC 36, T32S, R2W	SEC 1, T335, R2W	
Ownership / Management	JK-450.000	JK-451.000	
Jurisdiction Federal Landuse Allocation		JACKSON COUNTY	
Areas of High Groundwater (Potential Trench Devalering) Wetland / Waterbody			
Crossing Method ³ Instream Construction Window ⁸ Biological Seasonal Construction Window (as of September 2017)			
Topsol Salvage / Federal Lands Soll Risk Hydrostatio Test Water Release / Abovegnum / Fedilles Ressential			
Aboreground Facilities / Residential Survey Status (wellands as of July 2017)			
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No Fueling Zones			
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NOTES:	LEGEND		
<ol> <li>In wetlands cut vegetation off at ground level, leaving existing root syste vegetation from the wetland for disposal.</li> </ol>	ms in place and remove the Propo	Tax Parcel Boundaries	BLM LANDUSE         - 2016 RMP         REVISIONS           2a - Ditric Designated Reserve (No-Front)         NO.         DATE         BY         DESCRIPTION           2b: Ditric Designated Reserve (No-Front)         NO.         DATE         BY         DESCRIPTION
<ol> <li>In wetlands limit pulling of tree stumps and grading activities to directly or remove stumps or root systems from the rest of the construction right-of- 3: In wetlands segregate the top one foot of topsoil from the trench line, ex</li> </ol>	way. Construction Ri		2b - Datrict Designed Resere (by-Freet) 3a - Late-Stocesation Resere (by-Freet) 3b - Late-Stocesation Resere (by-Freet) 4a - Roynan Resere (by-Freet) 4a - Roynan Resere (by-Freet) 4b - Roynan Resere (by-Freet) 4b - Roynan Resere (by-Freet) 4b - Roynan Resere (by-Freet)
<ul> <li>or saturated soils are present.</li> <li>4: Topsoil will be stripped from the trench line and spoil storage area only i residential areas. Topsoil may be imported in residential areas as neces</li> </ul>	n croplands, hayfields, pastures and	mporary Zxtra Work Area	40 - Reparins Reserve (Most Stresst) 5 - Ensistick management Avan 6 - Hannesst Land States (Encours-Aged Timber Anten) 7 - Hannesst Land States (Even Hannahy Timber Anten) 8 - Hannest Land States (Even Hannahy Timber Anten)
reclamation. 5: If streams proposed to be open cut are flowing at the time of constructio	n, they will be crossed using a dry	cleared Storage Area     Note: BMP type and placement to be determined by Environmental Inspector based on site-specific conditions.       e Yard     Drivable Berm or Sediment Barrier / Portable Bridge / Wetland Crossing (19) (19) (19) (19) (19) (19) (19) (19)	
<ul> <li>open cut method (i.e., flume, dam &amp; pump, etc.). If streams proposed to the time of construction, they will be open cut.</li> <li>Right-of-way grading or vegetation clearing will occur as necessary.</li> </ul>	At	oveground Facility → Silt Fence SF	FEDERAL LANDS SOIL RISK SENSITIVITY RANK
<ol> <li>Seed mixes in the ECRP or according to landowner agreements or as di</li> <li>Pacific Connector understands that fisheries' construction windows only at the time of construction and that the windows do not apply to HDD cro</li> </ol>	apply to those waterbodies nowing	ck Source/Disposal Slash Filter Windrow (SPM) Construction Entrance Pad (E)	- Moy Low         200         21           - Alcow         200         0         21           - Alconite
and	··· ···		5-Very High

8:	Pacific Connector understands that fisheries'	construction	windows or	nly apply to t	those wate	rbodies
	at the time of construction and that the window	vs do not app	bly to HDD	crossings.		

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8	Pipe Yard		Drivable Berm or Sediment Barrier / Portable Bridge / Wetland Crossing DB SB PB
	Aboveground Facility	-0	Silt Fence SF
	Aboveground Facility	<b>—</b> —	Safety Fence SAF
8	Rock Source/Disposal	$\sim \sim \sim$	Slash Filter Windrow SFW
			Construction Entrance Pad CE

		Legal Location
JK-40	2.000	Ownership / Management
BLM - MEDFC 6 2b 7 2b	RD DISTRICT 7	Jurisdiction Federal Landuse Allocation
		Areas of High Groundwater (Potential Trench Dewatering) Wetland / Waterbody
2	1	Crossing Method ³ Instream Construction Window ⁴ Biological Seasonal Construction Window (as of September 2017) Topsol Salvage / Federal Lands Sol Risk Hydrostalic Test Maler Rebase / Acovegicutor Facilitis / Residential
		Survey Status (wetlands as of July 2017)
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	DRAWN BY: EE DATE: AUG-2019 ISSUED FOR BID:	24x36 SCALE:1 Inch = 200 Feet
200 400 FEET	CHECKED BY: EE DATE: AUG-2019 ISSUED FOR CONSTRUCT APPROVED BY: EE DATE: AUG-2019 ISSUED FOR CONSTRUCT NUMBER: 3430.29-	ION: 11x17 SCALE:1 Inch = 450 Feet
200 400 FEET	NUMBER: 3430.29-	0F 226

		SEC 1, T33S, R2W	SEC 6, T33S, R1W SEC 12, T33S, R2W		SEC 7, T33S, R1W		
Ownership / Management		JK-452.000	JK-455.000RT		JK-454.000		
Jurisdiction Federal Landuse Allocation Areas of High Groundwater (Potential Trench Devalering)		BLM- MEDFORD DISTRICT 7 6 7 6		7	BLM - MEDFORD DISTRICT	20 7	
Wetland / Waterbody Crossing Method? Instream Construction Window Biological Seasonal Construction Window (as of September 2017) Topsol Salvage / Federal Lands Soil Risk Hydrostatic Tjest, Water Release i Abovergound F-polities Resteremt		1	1/2 2	2 1 2 1 2	1	1	2
Aboveground Facilities / Residential Survey Status (wetlands as of July 2017)							
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C Actual Sun			TEWA 115.32-N	UCSA 11547-N			<u>UCS4.115.88-N</u>
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Nor-Working Side 00 Typical 59 Working Side 99 Utopical 99 Utopica		τεν 		— — — — — — — — — — — — — — — — — — —			
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NOTES: 1: In wetlands cut vegetation off at vegetation from the wetland for c 2: In wetlands imit pulling of tree s remove stumps or root systems 1 3: In wetlands segregate the top or or saturated solis are present. 4: Topsoil will be stripped from the residential areas. Topsoil may b reclamation.	Isposal. Utumps and grading activities to directly over the trench line. Do not g from the rest of the construction right-of-way. ne foot of topsoil from the trench line, except in areas where standing trench line and spoil storage area only in croplands, hayfields, pastur e imported in residential areas as necessary to assure adequate cut are flowing at the time of construction, they will be crossed using n & pump, etc.). If streams proposed to be dry open cut are not flow	srade or grade or grade ar grade ar a grade ar ar an ar	on Right-of-Way // Area a Note: BMP to 	oundaries	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	ANDUSE - 2016 RMP  Designed Reserve (Ib) Hervest) Designed Res	BY DESCRIPTION 7 EE Issued for FERC Certificate Applicati

3:	Pacific Connector understands that fish	heries'	construction	windows only	apply to those	waterbo
	at the time of construction and that the	window	s do not apr	ly to HDD cro	ossinas.	

]	Aboveground Facility	 Safety Fence (SAF)
3	Rock Source/Disposal	Slash Filter Windrow (FW) Construction Entrance Pad (CE)

					Legal Locati	ion
					Ownership /	Management
					Jurisdiction	
6 2b 6						use Allocation
					Areas of High ( Wetland / Wa	Groundwater (Potential Trench Dewatering)
					Crossing Met	hod ⁵ Instream Construction Window ⁸
					Biological Sei	asonal Construction Window (as of September 2017)
1 2					Topsoil Salva Hydrostatic T	age / Federal Lands Soll Risk Test Water Release / d Facilities / Residential
					Aboveground Survey Statu	is (wetlands as of July 2017)
		SEE SHEET 3430 29-117	Muteros Esuartos Estatumo ficar estatutos estatumo ficar estatutos estatumo ficar estatutos		Survey State	s (vetlends as of July 2017)
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VISIONS te Application sponse	CHIK, APP. EE EE EE	PACIFIC	CONNECTO /IRONMEN ^T SPRE MP 115.20 CKSON COU	GAS PIPELINE PR DR GAS PIPELINE FAL ALIGNMENT FAL #3 TO 116.12 JNTY, OREGON ISSUED FOR BID:		Pacific Connector GAS PFELRE 24x36 SCALE-1 Inch = 200 Feet
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CHECKED BY: EE DATE: AUG-2019 ISSUED FOR CONSTRUCTION. APPROVED BY: EE DATE: AUG-2019 DRAWING NUMBER: 3430.29- 116 LE:1 Inch = 450 Feet SHEET 116 OF 226 200 0 200 400 FEET

	Legal Location		SEC 7, T33S, R1W			SEC 18, T33S, R1W	
				JK-454.000		JK-456.000	
	Jurisdiction			RI M - MEDEORD DISTRICT		JACKSON COUNTY	BIM
	Federal Landuse Allocation	6	26		6		
	Crossing Method ⁵ Instream Construction Window ⁶						
	Topsoil Salvage / Federal Lands Soil Risk	2 1 2	2/3	2	1/2		
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			BLM 33-1-5				
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residential areas.       Topsoil may be imported in residential areas as necessary to assure adequate reclamation.         5:       If streams proposed to be open out are flowing at the time of construction, they will be crossed using a dry open cut area flowing at the time of construction, they will be crossed using a dry open cut area flowing at the time of construction, they will be pen out.         5:       If streams proposed to be open out are flowing at the time of construction, they will be crossed using a dry open cut area flowing at the time of construction, they will be pen out.       Note: BMP type and placement to be determined by Environmental Inspector based on site-specific conditions.         6:       Right-of-way grading or vegetation clearing will occur as necessary.       Aboveground Facility	remove stumps or root systems from the 3: In wetlands segregate the top one foot	e rest of the construction right-of-way.		Stream			2 Aug-2019 EE Issued for FERC Certificate Applicat Issued for FERC DEIS Response
<ul> <li>In streams proposed to be open out are involute at me time of construction, they will be crossed using a dry open cut are interior of construction, they will be open cut.</li> <li>In streams proposed to be dependent and the time of construction, they will be open cut.</li> <li>Right-of-way grading or vegetation clearing will occur as necessary.</li> <li>Seed mix in the CRP or according to landowner agreements or as directed by E.I.</li> <li>Reck Source/Disposal</li> <li>Rock Source/Disposal</li> <li>Rock Source/Disposal</li> <li>Construction Entrance Pad CE</li> </ul>	<ol> <li>Topsoil will be stripped from the trench residential areas. Topsoil may be impor reclamation.</li> </ol>	ted in residential areas as necessary to assure adequate	Temporary Extra Work Area	Permanent / Temporary Access Road (PAR / TA		7 - Harvest Land Base (Low Intensity Timber Area)	
0. Najirotway giaundow registration team will occur as necessary.       See diff. The set of	open cut method (i.e., flume, dam & pun the time of construction, they will be ope	np, etc.). If streams proposed to be dry open cut are not flowing at en cut.		Drivable Berm or Sediment Barrier / Portable		RISK SENSITIVITY RANK	
	<ol> <li>Seed mixes in the ECRP or according to 8: Pacific Connector understands that fish</li> </ol>	to landowner agreements or as directed by E.I. teries' construction windows only apply to those waterbodies flowing		Slash Filter Windrow SFW		3-Moderate 4-High	

			Legal Location
N/ 454 000			
JK-454.000			Ownership / Management
BLM - MEDFORD DISTRICT 2a 2b	2a		Jurisdiction Federal Landuse Allocation Areas of High Groundwater (Potential Trench Dewatering)
			Wetland / Waterbody Crossing Method ⁵ Instream Construction Window ⁶
2			Biological Seasonal Construction Window (as of September 2017) Topsoil Salvage / Federal Lands Sol Risk Hydrostolic Tael Midae Release /
			Hydrosialic Test Water Release / Aboveground Facilities / Residential Survey Status (wetlands as of July 2017)
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		E SHE	
			No Fueling Zones
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VISIONS	PUBLIC	, DNNECTOR GAS PIPELINE PF CONNECTOR GAS PIPELINE	ROJECT
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VISIONS USIONS CHK APP. He Application EE EE	PUBLIC PACIFIC CC PACIFIC EN JA	DNNECTOR GAS PIPELINE PR : CONNECTOR GAS PIPELINE VIRONMENTAL ALIGNMENT SPREAD #5 MP 116.12 TO 117.12	ROJECT 5, LP Pacific Connector Gas PFELNE 24x38 SCALE:1 Inch = 200 Feet

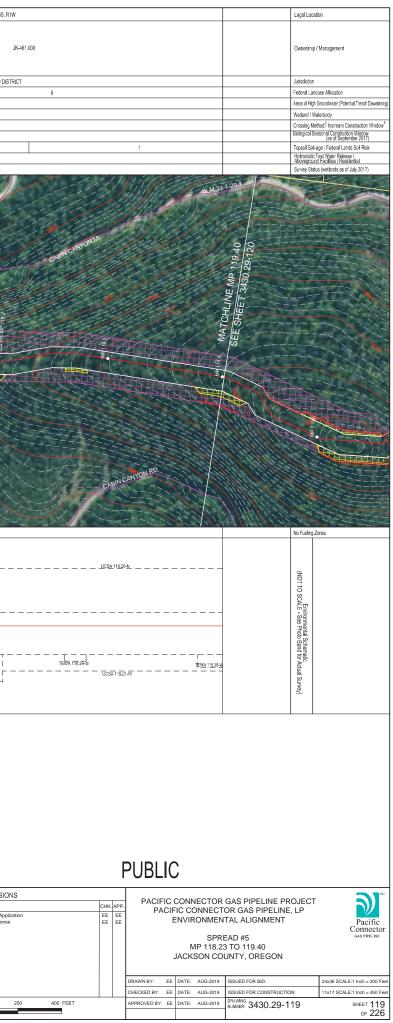
Legal Location	SEC 18, T33S, R1V	N SEC 17, T335, I SEC 19, T335, I	RTW SEC 20, T
Ownership / Management	JK-454.000		
Jurisdiction Federal Landusa Allocation	BLM - MEDFORD DISTR           2a         2b         2a	RICT 2b -	JACKSON COUNTY
Areas of High Groundwater (Patiential Trench Devalering) Wetland / Waterbody Crossing Method ³ Instream Construction Window ³ Biological Seasong (Construction Window (as of September 2017)			
Topsol Salvage / Federal Lands Sol Risk Hydrotastin Test Wasp (Petess) Abovegound Federal Lands Sol Altisk Survey Status (wellands as of July 2017)	2 1 2	1 2 1 2	
No Fuel ng Zones			Т 16.59-W
NOTES: 1: In wetlands cut vegetation off at ground level, leaving e vegetation from the wetland for disposal. 2: In wetlands limit pulling of tree stumps and grading acti remove stumps or root systems from the rest of the con- s: In wetlands segregate the top one foot of topsoil from th or saturated soils are present. 4: Topsoil will be stripped from the trench line and spoil st reclamation. 5: If streams proposed to be open cut are flowing at the til open cut method (i.e., flume, dam & pump, etc.). If stre- the time of construction, they will be open cut. 6: Right-of-way grading or vegetation clearing will occur a 7: Seed mixes in the ECRP or according to landowner ag 8: Pacific Connector understands that fisheries' construction at the time of construction and that the windows do not.	ties to directly over the trench line. Do not grade or ruction right-of-way. trench line, except in areas where standing water age area only in croplands, hayfields, pastures and areas as necessary to assure adequate of construction, they will be crossed using a dry ns proposed to be dry open cut are not flowing at necessary. ements or as directed by E.1. windows only apply to those waterbodies flowing	ary Access Road (PAR / TAR) placement to be determined by Environmental Inspector based on site-specific conditions. Sediment Barrier / Portable Bridge / Wetland Crossing (18) (18) (18) (18) (19) (19) (19) (19) (19) (19) (19) (19	BLM LANDUSE         - 2016 RMP         REVISION:           2a - District Designade Reserre (No. Forset)         No.         DATE         BY         DESCRIPTION           3b - District Designade Reserre (No. Forset)         Sept-2017         EE         Issued for FERC Certificate Applicat           3b - Reserve (No. Forset)         5 - Eable Chargement Avia         Sept-2017         EE         Issued for FERC DEIS Response           4b - Repark Reserve (No. Forset)         5 - Eable Chargement Avia         2         Aug-2019         EE         Issued for FERC DEIS Response           5 - Taiwed Land Biss (Moneral Intender) Timber Avia)         6 - Taiwed Land Biss (Moneral Intender) Timber Avia)         E         E         E           FEDERAL LANDS SOIL         RESK SENSTIVITY RANK         Z00         0         E         E

SEC 20, T33S, R1W			egal Location
3EU 20, 1933, N IV			agar Locanon
JK-458.000		c	Ownership / Management
N COUNTY		Ji	urisdiction
		Fi	ederal Landuse Allocation reas of High Groundwater (Potential Trench Dewatering)
		W	/etland / Waterbody researc Method ⁵ Instream Construction Window ⁸
		Bi	ological Seasonal Construction Window (as of September 2017) opsoil Salvage / Federal Lands Sol Risk
	HYDROSTATIC TEST BREAK	H	ydrostatic Test Water Release / boveground Facilities / Residential urvey Status (wetlands as of July 2017)
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			oFulling Zones (NOT TO Scale - See Photo Band for Acuas Survey)
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			(NOTTO SCALE - See Proto Schematic Band for Actual Survey)
	C CONNECTOR GA	S PIPELINE PRO GAS PIPELINE, I	(NOT TO SCALE - See Photo Band for Actual Survey)
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	C CONNECTOR GA IFIC CONNECTOR ENVIRONMENTAL SPREAD MP 117.12 TC JACKSON COUNT	S PIPELINE PRO GAS PIPELINE, I . ALIGNMENT 9#5 ) 118.23	(NOT TO SCALE - See Photo Band for Actual Survey)
	C CONNECTOR GA IFIC CONNECTOR ENVIRONMENTAL SPREAD MP 117.12 TC JACKSON COUNT E DATE: AUG-2019 ISSL E DATE: AUG-2019 ISSL E DATE: AUG-2019 ISSL	S PIPELINE PRO GAS PIPELINE, I ALIGNMENT 0#5 0118.23 TY, OREGON	UCOTIO SCALE: I toch = 240:56 SCALE: 1 toch = 200 Feet

Legal Location			SEC 20, T33S, R1W					SEC 29, T33S,
Ownership / Management	JK-458.000	JK-459.000		JK-460.000		JK-459,000 DF-1000 19P-2/ DF-200001 19P-2/ DF-20000000000000000000000000000000000		
Jurisdiction			JACKSON COUNTY					BLM - MEDFORD D
Federal Landuse Allocation Areas of High Groundwater (Potential Trench Devalering) Welland / Waterbody					Trib to West Fork Trail Creek	4a 2b 6 -DEC - APR	26	
Crossing Method ³ Instream Construction Window ⁵ Biological Seasonal Construction Window (as of September 2017)						Dry Open-Cut / June 15 - Sept. 15		
Topsol Subgentator 2017 Topsol Subgentator 2017 Hydroslatic Test Water Rejease / Aboveground Facilities / Residential						1		2
Survey Status (vetlands as of July 2017)								
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EE ST								
	UNKNOWN RD							
430.20					T BAN			ST FOUND
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No Fueling Zones	a the second sec		ac to the second s		No Fueling Allowed	REEK REEK	N RD SPUR s (Dirt) s (Dirt)	
(head)	HIP 118.25 MORAIS TAN Digress / Egress Open Cur		Me 118.57 Mc Ratis F.An Ingress / Egress Open Cut		118.79 RNIS TAYLO RRIS TAYLO RRIS TAYLO RESEARCH III TO W FOR III TO W FOR III TO W FOR III TO W FOR	118.89 -CRK TRAIL - P.118.93 - P.118.93 - P.118.93 - CREAT - COHK C - Rest - COHK - C	IP 119.03 ABIN CPEEK BIM 3541290. BIM 3541290. Igness / Egres Ipen Cul	I
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Non-Working Side								
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(NOT	L TEWA 11826-W J	1EW4 116-36-W	·		TEWA T18.8		1.	TEWA 119.03-W
NOTES:		LEGEND				<b></b>	0010 010	
<ol> <li>In wetlands cut vegetation off at ground level, leaving ex vegetation from the wetland for disposal.</li> <li>In wetlands limit pulling of tree stumps and grading activity</li> </ol>	disting root systems in place and remove the rities to directly over the trench line. Do not grade or	Proposed Pipeline	Tax Parcel Boundaries			BLM LANDUSE 2a - District Designated Reser 2b - District Designated Reser 3a - Lade-Successioned Reserv		REVISI BY DESCRIPTION EE Issued for FERC Certificate Ap
<ul><li>remove stumps or root systems from the rest of the const</li><li>3: In wetlands segregate the top one foot of topsoil from the or saturated soils are present.</li></ul>	truction right-of-way. e trench line, except in areas where standing water	Construction Right-of-Way Temporary Construction Right-of-Way (Shown white on photography)	Stream Access Road			3b - Late-Successional Reserv 4a - Ripartan Reserve (Dry Fon 4b - Ripartan Reserve (Moist Fi 5 - Eaststöte Management An	e (Moist Forest) 2 AUG-2019 rest) crest) ca	EE Issued for FERC DEIS Respor
<ol> <li>Topsoil will be stripped from the trench line and spoil sto residential areas. Topsoil may be imported in residential reclamation.</li> </ol>	areas as necessary to assure adequate	Temporary Extra Work Area	Permanent / Temporary Access Road	I (PAR / TAR) determined by Environmental Inspector based on s	site-specific conditions.	3 - casso direct apprintin viry     6 - Harvest Land Base (Univer     7 - Harvest Land Base (Low Ir     8 - Harvest Land Base (Model	en-Aged Timber Area) ntensity Timber Area)	
<ol> <li>If streams proposed to be open cut are flowing at the tim open cut method (i.e., flume, dam &amp; pump, etc.). If stream the time of construction, they will be open cut.</li> <li>Bibliot of way expectation elevation will accur as</li> </ol>	ms proposed to be dry open cut are not flowing at	Pipe Yard Aboveground Facility	Drivable Berm or Sediment Barrier     Silt Fence SF_	/ Portable Bridge / Wetland Crossing B SB (		FEDERAL LAN RISK SENSITIV	DS SOIL /ITY RANK	
<ol> <li>Right-of-way grading or vegetation clearing will occur as</li> <li>Seed mixes in the ECRP or according to landowner agre</li> <li>Pacific Connector understands that fisheries' construction of the time of construction and that the windows do not a</li> </ol>	eements or as directed by E.I. on windows only apply to those waterbodies flowing	Rock Source/Disposal	Safety Fence (SAF)     Slash Filter Windrow (SFW)     Construction Entrance Pad (CE)			1-Very Low 2-Low 3-Moderate 4-High		200 0
at the time of construction and that the windows do not a	ppiy to nuo crossings.					5-Very High		

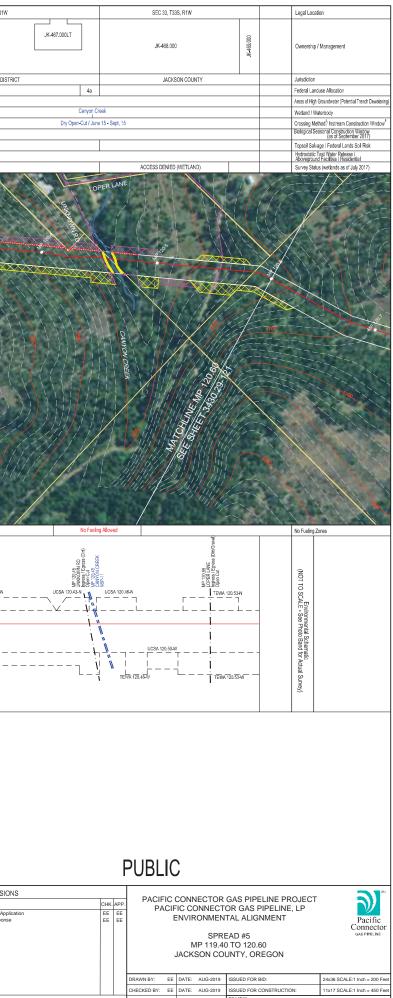
3:	Pacific Connector understands that fisheries'	construction windows	only apply to those waterboo
	at the time of construction and that the window	ws do not apply to HD	Crossings

	Aboveground Facility	 Safety Fence SAF
	Rock Source/Disposal	Slash Filter Windrow Construction Entrand



			DRAWN BY:	EE	DATE:	AUG-2019	ISSUED FOR BID:	24x36 SCALE:1 Inch = 200 Fe
			CHECKED BY:	EE	DATE:	AUG-2019	ISSUED FOR CONSTRUCTION:	11x17 SCALE:1 Inch = 450 Fe
0	400 FEET		APPROVED BY:	EE	DATE:	AUG-2019	DRAWING 3430.29-119	SHEET 119
								of 226
		_		_				

Legal Location	SEC 29, 733S, R1W					SEC 32, T33S, R1
Ownership / Management		JK-461.000		JK-463.000	JK-465.000	JK-466.000
Jurisdiction Federal Landuse Allocation	BLM - MEDFORD DISTRIC 6	2a 2b 2a	4A 6	JACKSON COUNTY		BLM - MEDFORD D           2a         2b         2a
Areas of High Groundwater (Potential Trench Dewalering) Wetland / Waterbody			Trib to Trail Creek			
Crossing Method ³ Instream Construction Window ⁸ Biological Seasonal Construction Window (as of September 2017)			Dry Open-Cut / June 15 - Sept. 15			
Topsoil Salvage / Federal Lands Soil Risk	1	2				2a
Hydrostatic Test Water Refease / Aboveground Facilities / Residential Survey Status (wetlands as of July 2017)				ACCESS DENIED (CULTURAL)	ACCESS DENIED (CULTURAL / WETLAND)	
WEEPER BURNEY						
No Fueling Zones		ТЕМА 119.60-М UCSA 119.67-УУ	No Fueling Allowed           Bigger           Bigger	UCSA 119.20-N	G S S S S S S S S S S S S S	ССС
<ul> <li>vegetation from the wetland for disp.</li> <li>2: In wetlands limit pulling of tree sturn remove stumps or root systems fron</li> <li>3: In wetlands segregate the top one I or saturated soils are present.</li> <li>4: Topsoil will be stripped from the tre residential areas. Topsoil may be in reclamation.</li> <li>5: If streams proposed to be open cut open cut method (i.e., flume, dam &amp; the time of construction, they will be</li> <li>6: Right-of-way grading or vegetation 7: Seed mixes in the ECRP or accord</li> <li>8: Pacific Connector understands that</li> </ul>	mps and grading activities to directly over the trench line. Do not grade in in the rest of the construction right-of-way. foot of topsoil from the trench line, except in areas where standing wate ench line and spoil storage area only in croplands, hayfields, pastures ar mported in residential areas as necessary to assure adequate at are flowing at the time of construction, they will be crossed using a dry pump, etc.). If streams proposed to be dry open cut are not flowing at sopen cut.	d Construction Right-of-Way Temporary Construction Right-of-Way (Show while on photograph) d Temporary Extra Work Area Uncleared Storage Area Pipe Yard Aboveground Facility Rock Source/Disposal		PAR / TAR) etermined by Environmental Inspector based on site-specific conditions. Portable Bridge / Wetland Crossing ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) (	BLM LANDUSE         - 2016 RMP           2a - fastric Designatel Reserve (Nr Harved)         - 2016           3a - Jack-Societical Reserve (Nr Harved)         - 2016           3a - Barten Reserve (Nr Harved)         - 2016           4a - Robust Reserve (Nr Harved)         - 2016           5 - Jack-Societical Land Base (Jocen Reserve)         - 2016           6 - Universit Land Base (Jocen Reserve)         - 2016           7 - Harvet Land Base (Jocen Reserve)         - 2016           8 - Josept Land Base (Jocen Reserve)         - 2016           8 - Josept Land Base (Josept Reserve)         - 2016           9 - Reserve)         - 2016           1 - Very Land         - 2016           9 - 2016         - 2016           9 - 2017         - 2016           9 - 2016         - 2016	NO.         DATE         BY         DESCRIPTION           Sept-2017         EE         Issued for FERC Certificate April 12 (1997)           2         Aug-2019         EE         Issued for FERC DEIS Response



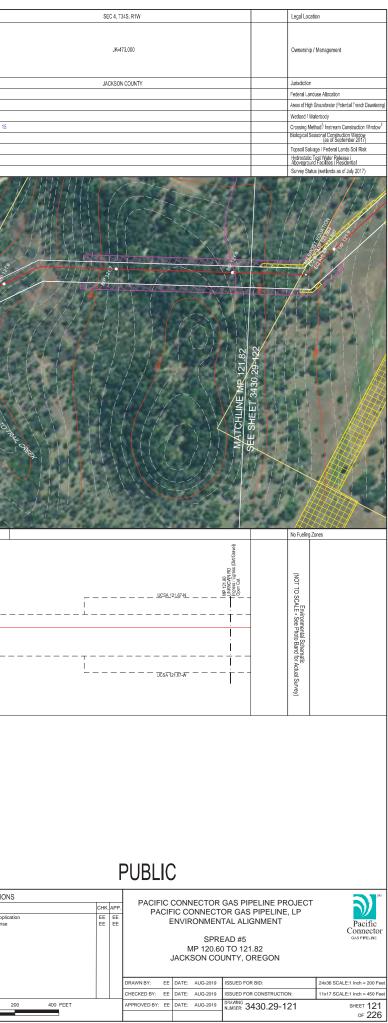
RAWING 3430.29-120 SHEET 120 OF 226 200 400 FEET APPROVED BY: EE DATE: AUG-2019

Legal Location	1		SEC 33, T335, R1W		
Ownership / Management		3.000	JK-470.000	JK-471.000	
o moroniji z managa na n					
Jurisdiction Federal Landuse Allocation		JACKSON CO	UNTY	BLM- MEDFORD DISTRICT           2a         2b         2a	48
Areas of High Groundwater (Potential Trench Dewatering)		A14/004 T.S. 1. T.S.	Deal	20 20 20	
Wetland / Waterbody Crossing Method ⁵ Instream Construction Window ⁶		AW-204 Trib. to Trail Dry Open-Cut / June			Trib, to Trail Creek I Dry Open-Cut / June 15 - Sept.
Biological Seasonal Construction Window (as of September 2017) Topsoil Salvage / Federal Lands Soil Risk				2 1 2	
Hydrostatic Test Water Release / Aboveground Facilities / Residential		S DENIED (WETLAND)			
Suney Status (netlands as of July 2017)		S DENED (WETAHD)			View         View           View         View           View         View
Typical Control Side Side Side Side Side Side Side Side			9 9 1 1 1 1 1 1 1 1 1 1 1 1 1		
vegetation from the wetland for or 2: In wetlands limit pulling of trees remove stumps or root systems 1 3: In wetlands segregate the top or or saturated soils are present. 4: Topsoil will be stripped from the residential areas. Topsoil may be reclamation. 5: If streams proposed to be open open cut method (i.e., flume, dar the time of construction, they will	stumps and grading activities to directly over the trench line. Do not grade or from the rest of the construction right-of-way, ne foot of topsoil from the trench line, except in areas where standing water e trench line and spoil storage area only in croplands, hayfields, pastures and be imported in residential areas as necessary to assure adequate cut are flowing at the time of construction, they will be crossed using a dry m & purp, etc.). If streams proposed to be dry open cut are not flowing at	Temporary Extra Work Area       Uncleared Storage Area       Pipe Yard       Aboveground Facility	Tax Parcel Boundaries         Wetland         Stream         Access Road         Permanent / Temporary Access Road (PAR / TAR)         Note: BMP type and placement to be determined by Environmental Inspector based on site-specific conditions         Drivable Berm or Sediment Barrier / Portable Bridge / Wetland Crossing (a) (a) (b) (c) (c) (c) (c) (c) (c) (c) (c) (c) (c	22 - Daric Designation Reserve (Nor-Forest) 3a - Lade-Successional Reserve (Nor Forest) 3a - Lade-Successional Reserve (Nor Forest) 4a - Reprim - Reserve (Noral Forest) 4a - Reprim - Reserve (Noral Forest) 4b - Reserve Reserve (Noral Forest) 5 - Easted Swapment Area 5 - Forest) - Reserve (Noral Forest) 7 - However Local Rese (Normer-Aper Timber Area) 7 - However Local Rese (Normer-Aper Timber Area)	REVIS BY DESCRIPTION 7 EE Issued for FERC Certificate A 1 EE Issued for FERC DEIS Respo

3:	Pacific Connector understands that fisheries' construction windows only apply to those waterbodies
	at the time of construction and that the windows do not apply to HDD crossings.

5		-0	Silt Fend
	Aboveground Facility		Safety F
es flowing	Rock Source/Disposal	~~~~	Slash Fil
			Construc

cad	3a - Late-Successional Reserve (Dry Forest) 3b - Late-Successional Reserve (Moist Forest) 4a - Riparian Reserve (Moist Forest) 4b - Riparian Reserve (Moist Forest) 5 - Estiscie Manaaement Area
t / Temporary Access Road (PAR / TAR)	Castore management Area     Harvest Land Base (Uneven-Aged Timber Area)     Harvest Land Base (Low Intensity Timber Area)     Harvest Land Base (Moderate Intensity Timber Area)
P type and placement to be determined by Environmental Inspector based on site-specific conditions.	,
le Berm or Sediment Barrier / Portable Bridge / Wetland Crossing (BB) (BB) (BB) (WC) nce (BF) Fence (SHP)	FEDERAL LANDS SOIL RISK SENSITIVITY RANK
Filter Windrow (SFW)	1-Very Low 2-Low
uction Entrance Pad CE	3-Moderate 4-High 5-Verc Migh



Legal Location	SEC 4, T34S, RIW	SEC 3, T345, R1W
Ownership / Management	JK-474.000	JK-475.000 J
		JACKSON COUNTY
Federal Landuse Allocation		
Areas of High Groundwater (Potential Trench Devalering)	Trib to Cricket Creek	
Weitand / Waterbody Crossing Method [®] Instineam Construction Window [®]	Adjacent to Centerline Vithin ROW / June 15 - Sept 15 Dry Open-Cut / June 15 - Sept 15	
Biological Seasonal Construction Window (as of September 2017)		
Topsoil Salvage / Federal Lands Soil Risk		
Hvidreatus Test Maar Release Abovergount Facilities (Residentia Survey Stalus (wellands as of UMy 2017)		BVA #10 HYDROSTATIC TEST BREAK
N MICHINE MP 12:02 MATCHINE TO 31:30,29 MATCHINE SHEET 31:30,29 MATCHINE TO 31:30,30 MATCHINE TO 31:30,30 MATCHINE TO 31:30,30 MATCHINE TO 31:30,30	2A MILEPOST EQUATION P. Boarsker J2 Lass Bo Alt M7 12 13 The T2 13 The T	
		PRUATE RD
No Fuelng Zones	No Fueling Alowed	
Typical Working Side United Side Working Side United Side Side Side Side Side Side Side Side	ТЕWÄT2/37-W СОNSTRUCTION RIGHT-OF-WAY UCSAT2/37-W РСТ И ПОТО СПОКЕТ СКЕЕК ME 12/67 TRIB TO CRICKET CREEK ES -1	PAR 122.18
NOTES: 1: In wetlands cut vegetation off at ground level, leaving existing root systems in place and remove the		BLM LANDUSE - 2016 RMP REVISIONS
vegetation from the wetland for disposal.	Proposed Pipeline Tax Parcel Boundaries	2a - District Designated Reserve (No Harvest)         NO.         DATE         BY         DESCRIPTION           2b - District Designated Reserve (No-Forest)         Sept-2017         EE         Issued for FERC Centificate Application
In wetlands limit pulling of the stumps and grading additives to directly over the trench line. Do not grade of remove stumps or root systems from the rest of the construction right-of-way.     In wetlands segregate the top one foot of topsoil from the trench line, except in areas where standing water	on Right-of-Way Wetland Stream	30 - Late-Successional Reserve (Most Forest) 2 Aug-2019 EE Issued for FERC DEIS Response 44 - Robrian Reserve (Op Forest)
in weating segregate the top one too on opsoin form the denomine except in areas where standing water or saturated soils are present.     4: Topsoil will be stripped from the trench line and spoil storage area only in croplands, hayfields, pastures and	Temporary Construction Right-of-Way (Showin wither on photography)	49 - Ricarian Resorve (Most Forest) 5 - Easteloo Managament Area 6 - Hornest Land Bisey Convert-Aged Timber Area)
residential areas. Topsoil may be imported in residential areas as necessary to assure adequate	Permanent/Temporary Access Road (FAR/TAR)	6 - Horvest Land Base (Unevert-Area) 7 - Harvest Land Base (Lew Intensity Timber Area) 8 - Horvest Land Base (Moderalt Intensity Timber Area)
5: If streams proposed to be open cut are flowing at the time of construction, they will be crossed using a dry	Uncleared Storage Area         Note: BMP type and placement to be determined by Environmental Inspector based on site-specific conditions.           Pipe Yard         Drivable Berm or Sediment Barrier / Portable Bridge / Wetland Crossing (BB) (SB) (VB) (WC)	
open cut method (i.e., flume, dam & pump, etc.). If streams proposed to be dry open cut are not flowing at the time of construction, they will be open cut.		FEDERAL LANDS SOIL RISK SENSITIVITY RANK
G: Right-of-way grading or vegetation clearing will occur as necessary.     Seed mixes in the ECRP or according to landowner agreements or as directed by E.I.	Rock Source/Disposal Slash Filter Windrow	1-Very Low 24 ou
8: Pacific Connector understands that fisheries' construction windows only apply to those waterbodies flowing at the time of construction and that the windows do not apply to HDD crossings.	Construction Entrance Pad (E)	24.000         3Modente         200         0         200           41-tip         5Very High
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3, T345, R1W	Legal Location
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200 400 FEET APPROVED BY: EE DATE: AUG-2019 RSUED FOR CONSTRUCTION APPROVED BY: EE DATE: AUG-2019 RAMBER: 3430.29-1	

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Areas of High Groundwater (Potential Trench Dewalering) Wetland / Waterbody	Rogue River					
Crossing Method? Instream Construction Window ⁸ Biological Seasong (Construction Window (as of September 2014)	HDD / June 15 - August 31 (See Note 8)					
Topsoil Salvage / Federal Lands Soil Risk						2
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<ul> <li>NOTES:</li> <li>1: In wetlands cut vegetation off at ground level, leaving existing root syste vegetation from the wetland for disposal.</li> <li>2: In wetlands limit pulling of tree stumps and grading activities to directly remove stumps or root systems from the rest of the construction right-of</li> <li>3: In wetlands segregate the top one foot of topsoil from the trench line, errest and segregate the top one foot of topsoil from the trench line, errest or saturated soils are present.</li> <li>4: Topsoil will be stripped from the trench line and spoil storage area only residential areas. Topsoil may be imported in residential areas as necereclamation.</li> <li>5: If streams proposed to be open cut are flowing at the time of construction, they will be open cut.</li> <li>6: Right-of-way grading or vegetation clearing will occur as necessary.</li> <li>7: Seed mixes in the ECRP or according to landowner agreements or as of 8: Pacific Connector understands that fisheries' construction windows only at the time of construction.</li> </ul>	over the trench line. Do not grade or way, kcept in areas where standing water in croplands, hayfields, pastures and sary to assure adequate     Construction Right-of-Way       Image: Construction Right-of Way     Image: Construction Right-of-Way       Im	Permanent / Temporary Acc Note: BMP type and placem	ent to be determined by Environmental Inspect Int Barrier / Portable Bridge / Wetland Crossing		BLM LANDUSE - 200 2a - District Designated Reserve (No Har 2b - Listen: Designated Reserve (No Har 3a - Lae-Successional Reserve (No For 3b - Lae-Successional Reserve (No For 3b - Reserve Reserve (Note Trans) 5 - Bastoo Maragement Ana 6 - Paquane Reserve (Note Trans) 5 - Harest Land Base (Low Informity In 7 - Harvest Land Base (Low Informity In 8 - Harvest Land Ba	Not.         DATE         BY         DESCRIPTION           expl expl oner/location         Sept-2017         EE         Issued for FERC Certificate Applications           Aug-2019         EE         Issued for FERC DEIS Response           Inter Ana), bits Anay, bit Free         Aug-2019         EE           OIL         OIL         Aug-2019         EE

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SEC 2, T34S, R1W		Legal Location
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2a		Federal Landuse Allocation \reas of High Groundwater (Potential Trench Dewalering)
	1	Netland / Waterbody Crossing Method ⁵ Instream Construction Window [®]
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Legal Location	SEC 2, T34S, RW	
Ownership / Management	JK-491.000	JK-492.000
Jurisdiction Federal Landuse Allocation	Za         4a         2a         2b         2a         6         2a         2a	STATE OF OREGON
Areas of High Groundwater (Potential Trench Dewalering)		
Wetland / Waterbody Crossing Method ³ Instream Construction Vindow ⁸		
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<ol> <li>In wetlands cut vegetation off at ground level, leaving existing root systems in place and remove the vegetation from the wetland for disposal.</li> </ol>	LEGEND Proposed Pipeline Tax Parcel Boundaries Definition (NO) DATE BY Tax Parcel Boundaries Definition (NO) DATE BY Tax Parcel Boundaries Definition (NO) DATE BY	DESCRIPTION
<ol> <li>In wetlands cut vegetation off at ground level, leaving existing root systems in place and remove the vegetation from the wetland for disposal.</li> <li>In wetlands limit pulling of tree stumps and grading activities to directly over the trench line. Do not grade or remove stumps or root systems from the rest of the construction right-of-way.</li> </ol>	Proposed Pipeline     Tax Parcel Boundaries     Ave: 2a - District Designated Reserve (No Hansed)     Ave: 2a - District Designated Reserve (No Hansed)	REVISION: DESCRIPTION Issued for FERC Cartificate Applica Issued for FERC DEIS Response
<ol> <li>In wetlands cut vegetation off at ground level, leaving existing root systems in place and remove the vegetation from the wetland for disposal.</li> <li>In wetlands limit pulling of tree stumps and grading activities to directly over the trench line. Do not grade or remove stumps or root systems from the rest of the construction right-of-way.</li> <li>In wetlands segregate the top one foot of topsoil from the trench line, except in areas where standing water or saturated soils are present.</li> <li>To result will be stripped from the trench line and spoil storage area only in croplands, hayfields, pastures an</li> </ol>	Proposed Pipeline         Tax Parcel Boundaries         NO.         DATE         BY           or         Construction Right-of-Way         Wetland         Stream         Stream         Aug-2017         EE           at         Temporary Construction Right-of-Way         Stream         Stream         Stream         Aug-2017         EE	DESCRIPTION
<ol> <li>In wetlands cut vegetation off at ground level, leaving existing root systems in place and remove the vegetation from the wetland for disposal.</li> <li>In wetlands limit pulling of tree stumps and grading activities to directly over the trench line. Do not grade or remove stumps or root systems from the rest of the construction right-of-way.</li> <li>In wetlands segregate the top one foot of topsoil from the trench line, except in areas where standing water or saturated soils are present.</li> <li>Topsoil will be stripped from the trench line and spoil storage area only in croplands, hayfields, pastures an residential areas. Topsoil may be imported in residential areas as necessary to assure adequate reclamation.</li> </ol>	Proposed Pipeline       Tax Parcel Boundaries     NO. DATE     BY       Construction Right-of-Way     Wetland     Stream     Stream       Temporary Construction Right-of-Way     Stream     Access Road     Access Road       Temporary Construction Right-of-Way     No. DATE     BY       Uncleared Storage Area     No. Eim Physical Reserve (No Frees)     Access Road (PAR / TAR)     Access Road (PAR / TAR)	DESCRIPTION
<ul> <li>1: In wetlands cut vegetation off at ground level, leaving existing root systems in place and remove the vegetation from the wetland for disposal.</li> <li>2: In wetlands limit pulling of tree stumps and grading activities to directly over the trench line. Do not grade or remove stumps or root systems from the rest of the construction right-of-way.</li> <li>3: In wetlands segregate the top one foot of topsoil from the trench line, except in areas where standing water or saturated soils are present.</li> <li>4: Topsoil will be stripped from the trench line and spoil storage area only in croplands, hayfields, pastures an residential areas. Topsoil may be imported in residential areas as necessary to assure adequate reclamation.</li> <li>5: If streams proposed to be open cut are flowing at the time of construction, they will be crossed using a dry open cut method (i.e., flume, dam &amp; pump, etc.). If streams proposed to be dry open cut are not flowing at the time of construction, they will be crossed using a dry open cut method (i.e., flume, dam &amp; pump, etc.).</li> </ul>	Proposed Pipeline     Tax Parcel Boundaries     Wetland     Support      Temporary Construction Right-of-Way     Stream     Access Road     Permanent / Temporary Access Road (PAR / TAR)     Note: BMP ype and placement to be determined by Environmental Inspector based on site-specific conditions.     Pipe Yard     Pipe Yard     Dirivable Bern or Sediment Barrier / Portable Bridge / Wetland Crossing	DESCRIPTION
<ol> <li>In wetlands cut vegetation off at ground level, leaving existing root systems in place and remove the vegetation from the wetland for disposal.</li> <li>In wetlands limit pulling of tree stumps and grading activities to directly over the trench line. Do not grade or remove stumps or root systems from the rest of the construction right-of-way.</li> <li>In wetlands segregate the top one foot of topsoil from the trench line, except in areas where standing water or saturated soils are present.</li> <li>Topsoil will be stripped from the trench line and spoil storage area only in croplands, hayfields, pastures an residential areas. Topsoil may be imported in residential areas as necessary to assure adequate reclamation.</li> <li>If streams proposed to be open cut are flowing at the time of construction, they will be crossed using a dry</li> </ol>	Proposed Pipeline     Tax Parcel Boundaries     Wetland     Stream     Mo. DATE BY     Wetland     Stream     Mo. DATE BY     Sere.2017     EE     Sere.2017     Sere.2017     EE     Sere.2017     EE     Sere.2017     EE     Sere.2017     Sere.2017     Sere.2017     Sere.2017     EE     Sere.2017     Sere.201     Sere.2017     Sere.201     Sere.2017	DESCRIPTION Issued for FERC Certificate Applica Issued for FERC DEIS Response

SEC 11, T34S, R1W		
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28		Areas of High Groundwater (Potential Trench Dewatering)
		Wetland / Waterbody Crossing Method [†] Instream Construction Window [®] Biological Seasonal Construction Window (as of September 2017)
		(as of September 2017) Topsoil Salvage / Federal Lands Soil Risk Hydrostatic Test Water Release / Aboveground Facilities / Residential
		Aboveground Facilities / Residential Survey Status (wetlands as of July 2017)
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Ownership / Management		JK-483.000	JK-484.000
Jurisdiction		BLM-MEDFORD DISTRICT	da <u>c</u>
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	at the time of construction and that the windows do not apply to HDD crossings.

$\gtrsim$	Uncleared Storage Area	Note: BMP type and placement to be determined by Environmental Inspector based on sit
3	Pipe Yard	 Drivable Berm or Sediment Barrier / Portable Bridge / Wetland Crossing DB SB P
	Aboveground Facility	 Silt Fence (SF) Safety Fence (SAF)
$\otimes$	Rock Source/Disposal	Slash Filter Windrow (SFN) Construction Entrance Pad (E

		Legal Locat	ion
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48		Areas of High Wetland / Wa Crossing Mel Biological Se Topsoil Salva	hod ⁵ Instream Construction Window ⁶ asonal Construction Window (as of September 2017) age / Federal Lands Sol Risk
		Abovegroun Survey Statu	Fest Water Release / d Facilities / Residential is (wetlands as of July 2017)
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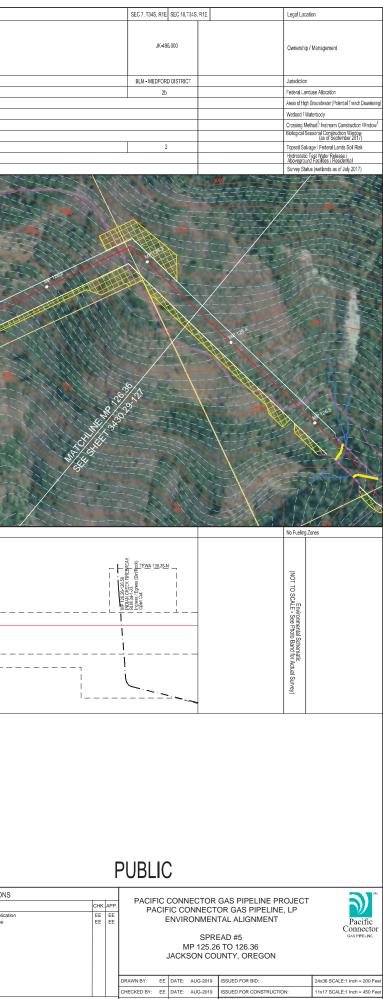
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SHEET 125 OF 226

Legal Location		SEC 12, T34S, R1W	
Ownership / Management	JK-494,000	JK-495.000	
Large Contraction of the Contrac	BLM - MEDFORD DISTRICT		
Jurisdiction Federal Landuse Allocation	BLM - MEDFORD DISTRICT 2a 6 2a 4a 2b 2a 4a	JACKSON COUNTY	
Areas of High Groundwater (Potential Trench Dewalering)			~~~~~~
Wetland / Waterbody Crossing Method ⁵ Instream Construction Window ⁶		Trib, to Indian Creek I Drv Onen-Cul/ June 15 - Seat.	Trit: to Indian Creek 15 Dry Open-Cut / June 15 - Sept. 15
Biological Seasonal Construction Window (as of September 2017)		uy oper-our oure ra-aept.	in any apart data data da adapa no
Topsoil Salvage / Federal Lands Soil Risk	2 1 2 1 2		
Hydrostatic Test Water Release / Aboveground Facilities / Residential Survey Status (wetlands as of July 2017)		ACCESS DENIED (CULTURAL)	
			BLM 34-1-23
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Typical	LEGEND		JEVLA 12594N
NOTES: 1: In wetlands cut vegetation off at ground level, leaving existing remove sumps or not support of the existing and gradient	ting root systems in place and remove the les to directly over the trench line. Do not grade or Construction Right-of-Way	Image: Second and an est wetland         Image: Second an est wetland           Image: Second an est wetland         Image: Second an est wetland	IEVIA 12594N
NOTES: 1: In wetlands cut vegetation off at ground level, leaving existing activities the top start argument of the start argument	ting root systems in place and remove the les to directly over the trench line. Do not grade or utench line, except in areas where standing water	Tax Parcel Boundaries	JEVIA 125.9H.
NOTES: 1: In wetlands surgestation from the rest of the construction of the construct	ting root systems in place and remove the les to directly over the trench line. Do not grade or utench line, except in areas where standing water age area only in croplands, hayfields, pastures and removes the standing water age area only in croplands, hayfields, pastures and removes the standing water age area only in croplands, hayfields, pastures and removes the standing water	Image: Second and an est wetland         Image: Second an est wetland           Image: Second an est wetland         Image: Second an est wetland	IEVIA 125.9EM         IEVIA 125.9EM         r         IEVIA 125.9EM         r           IEVIA 125.9EM         IEVIA 125.9EM         r         IEVIA 125.9EM         r           TEVIA 125.9EW         IEVIA 125.9EM         r         IEVIA 125.9EM         r           TEVIA 125.9EW         IEVIA 125.9EW         r         REVISIC         REVISIC           TEVIA 125.9EW         IEVIA 125.9EW         r         REVISIC         REVISIC           3: UE-Sciencescol Revent (Notificed)         NO         DATE         BY         DESCRIPTION           3: UE-Sciencescol Revent (Notificed)         2         Sept-2017         EE         Issued for FERC Certificate App           4: - Reven Revent (Notificed)         2         Sept-2017         EE         Issued for FERC DEIS Respons
NOTES: NorWorking Size NorWorking Size NorWor	ting root systems in place and remove the ies to directly over the trench line. Do not grade or uterion right-of-way. Trench line, except in a reas where standing water age area only in croplands, hayfields, pastures and reas as necessary to assure adequate of construction, they will be crossed using a dry	Tax Parcel Boundaries Wetland Steam Access Road Permanent / Empony Access Road (PAR / TAR) Note: SMP year and placement to be determined by Environmental Inspector based on site-specific conditions.	IEVIA 128.04N         IEVIA 128.04NL         IEVIA 12
NOTES: Norweight Size Norweight Size Norwei	ting root systems in place and remove the is to directly over the trench line. Do not grade or uction right-of-way. trench line, except in a reas where standing water age area only in croplands, hayfields, pastures and reas as necessary to assure adequate of construction, they will be crossed using a dry is proposed to be dry open out are not flowing at	Tax Parcel Boundaries	IEVIA 1259-N         IEVIA 1259-NI         IEVIA 1259-NI           IEVIA 1259-SW         IEVIA 1259-NI         IEVIA 1259-NI           TEVIA 1259-SW         IEVIA 1259-SW         IEVIA 1259-SW
NOTES: 1: In wetlands cut vegetation off at ground level, leaving exist working Side 1: In wetlands cut vegetation off at ground level, leaving exist vegetation from the wetland for disposal. 2: In wetlands limit pulling of tree stumps and grading activitie remove stumps or root systems from the rest of the constru- 1: In wetlands segregate the top one foot of topsoil from tet 3: In wetlands segregate the top one foot of topsoil from the time selfamilia areas. Topsoil may be imported in residential ar residential areas. Topsoil may be imported in residential 5: If streams proposed to be open cut are flowing at the time open cut method (i.e., fitume, dam & pump, etc.). If streams the time of construction, they will be open cut. 6: Right-of-way grading or vegetation clearing will occur as n 1: Seed mixes in the ECRP or according to landowner agrees	LUCAL 7523HJ       PER 252         TEWA 154.75.475.475.475.475.475.475.475.475.47	Tax Parcel Boundaries Utility	BLM LANDUSE         2016 RMP         REV/SIC           TEWA 128.95W         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -
NOTES: 1. In wetlands cut vegetation off at ground level, leaving exist vegetation from the wetland for disposal. 2. In wetlands sime proposed to be one of the construc- sturated solis are present. 3. In staturated solis are present. 3. In staturated solis are present. 4. Toppoil will be stripped from the trend line and spoil stora recidential areas. 5. If streams proposed to be open cut are flowing at the time open cut method (i.e., flume, dam & pum, etc.). If streams the time of construction, they will be open cut. 5. Right-O-way grading or vegetation clearing will occur as n	ting root systems in place and remove the terms TRATEATENT TERM TRATEATENT TE	Tax Parcel Boundaries Wetland Cosses Road Permanent / Temporary Access Road (PAR / TAR) Note: BMP Yee and placement to be determined by Environmental Inspector based on site-specific conditions. Distant Barrier / Portable Bridge / Wetland Crossing () () () () () () () () () () () () ()	IEWA 133.94A         IEWA 133.94A<



 200
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 APPROVED BY: EE
 DATE: AUG-2019
 ISSUED FOR BID:
 24x38 SCALE:1 Inch = 200 Feet

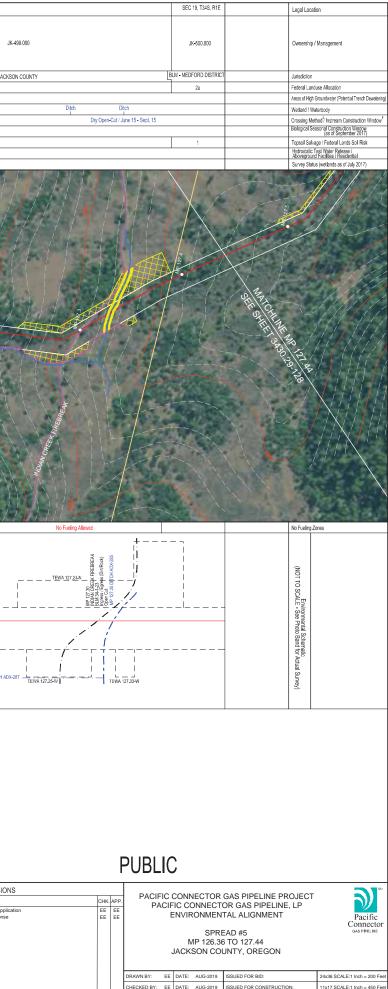
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 APPROVED BY: EE
 DATE: AUG-2019
 ISSUED FOR CONSTRUCTION:
 11x17 SCALE:1 Inch = 460 Feet

 200
 400 FEET
 APPROVED BY: EE
 DATE: AUG-2019
 ISSUED FOR CONSTRUCTION:
 11x17 SCALE:1 Inch = 460 Feet

Legal Location				SEC 18, T34S, R1E		
Ownership / Management	JK-496.000		UK-498.000	JK-496.000		
Jurisdiction	BLM - MEDFORD DI	STRICT	JACKSON COUNTY	BLM - MEDFORD DISTRICT		AL
Federal Landuse Allocation	2b 4a 2b			2a 2b 2a 2b	2a	
Areas of High Groundwater (Potential Trench Dewatering)						
Wetland / Waterbody		Trib. to Indian Creek				
Crossing Method ⁵ Instream Construction Window ⁸		Dry Open-Cut / June 15 - Sept. 15				
Biological Seasonal Construction Window (as of September 2017)						
Tonsoil Salvane / Federal Lands Soil Risk	2 1	2		2		
Hydrostatic Test Water Release / Aboveground Facilities / Residential						
Survey Status (wetlands as of July 2017)		ACCESS DENIED (CULT	URAL)			
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vegetation from the wetland for dis	sposal.	Proposed Pipeline	Tax Parcel Boundaries		2a - District Designated Reserve (No Harvest) 2b - District Designated Reserve (Non-Forest) 3a - Late-Successional Reserve (Moist Forest) 3b - Late-Successional Reserve (Moist Forest)	NO. DATE BY DESCRIPTION
<ol> <li>In wetlands limit pulling of tree stu remove stumps or root systems from the student statement of the systems from the systems from the system student statement of the system student statement st</li></ol>	umps and grading activities to directly over the trench line. Do not grade or om the rest of the construction right-of-way.	Construction Right-of-Way	Wetland		3a - Late-Successional Reserve (Non-Forest) 3b - Late-Successional Reserve (Dry Forest)	2 Aug-2019 EE Issued for FERC Certificate Ap Issued for FERC DEIS Respon
<ol><li>In wetlands segregate the top one</li></ol>	e foot of topsoil from the trench line, except in areas where standing water		Stream		4a - Niparian Reserve (Ury Forest) 4b - Ricarian Reserve (Molet Forest)	
or saturated soils are present.		Temporary Construction Right-of-Way (Shown white on photography)	Access Road		4b - Riparian Reserve (Moist Forest) 5 - Eastside Management Area	
residential areas. Topsoil may be	rench line and spoil storage area only in croplands, hayfields, pastures and imported in residential areas as necessary to assure adequate		Permanent / Temporary Access Road (PAR / TAR)		<ol> <li>Eaststör Managemen Area</li> <li>Harvest Land Base (Univers-Aged Timber Area)</li> <li>Harvest Land Base (Univers-Aged Timber Area)</li> <li>Harvest Land Base (Moderate Intensity Timber Area)</li> </ol>	
reclamation.		Uncleared Storage Area	Note: BMP type and placement to be determined by Environmental Inspector	r based on site-specific conditions.	8 Harvest Land Base (Moderate Intensity Timber Area)	
open cut method (i.e., flume, dam	ut are flowing at the time of construction, they will be crossed using a dry & pump, etc.). If streams proposed to be dry open cut are not flowing at	Pipe Yard	Drivable Berm or Sediment Barrier / Portable Bridge / Wetland Crossing (		FEDERAL LANDS SOIL	
the time of construction, they will b	be open cut.	Aboveground Excility	-C Slit Fence SF -Safety Fence SAF		RISK SENSITIVITY RANK	
<ol> <li>Right-of-way grading or vegetatio</li> <li>Seed mixes in the ECRP or according to the ECRP or according</li></ol>	rding to landowner agreements or as directed by E.I.		Safety Fence (SAF)     Slash Filter Windrow (SFW)		1-Very Low 24.ow	
8: Pacific Connector understands th	at fisheries' construction windows only apply to those waterbodies flowing		Construction Entrance Pad CE		2-Low 3-Moderate 4-High 5-Very High	200 0
at the time of construction and that	at the windows do not apply to HDD crossings.				5 Very High	

8:	: Pacific Connector understands that fisheries' construction windows only apply to those w	vaterboo
	at the time of construction and that the windows do not apply to HDD crossings.	

Aboveground Facility Rock Source/Disposal	Silt Fence (SF) Safety Fence (SAF) Slash Filter Windrow (SFW) Construction Entrance Pad (CE)



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200	400 FEET		APPROVED BY:	EE	DATE:	AUG-2019	DRAWING 3430.29-127	SHEET 127
			CHECKED BY:	EE	DATE:	AUG-2019	ISSUED FOR CONSTRUCTION:	11x17 SCALE:1 Inch = 450 Feet
			DRAWN BY:	EE	DATE:	AUG-2019	ISSUED FOR BID:	24x36 SCALE:1 Inch = 200 Feet

Legal Location					SEC 19, T34S, R1E			
Logial Lookion					01010,1010,111			
Ownership / Management					JK-500.000			
Jurisdiction					BLM - MEDFORD DISTR	RICT		
Federal Landuse Allocation	2a	4a	28	à	6	2a	2b 2a	2b
Areas of High Groundwater (Potential Trench Dewatering)								
Wetland / Waterbody								
Crossing Method ⁷ Instream Construction Window ⁶ Biological Seasonal Construction Window								
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3:	Pacific Connector understands that fisheries' construction windows only apply to those waterbod
	at the time of construction and that the windows do not apply to HDD crossings.

e Yard		Drivable Berm or Sediment Barrier / Portable Bridge / Wetland Cros
	-0	Silt Fence SF
veground Facility		Safety Fence SAF
k Source/Disposal	~~~~	Slash Filter Windrow SFW
		Construction Entrance Pad CE

		Legal Location
		Ownership / Management
2a 2b		Jurisdiction Federal Landuse Allocation
· ·		Areas of High Groundwater (Potential Trench Dewatering) Wetland / Waterbody
		Crossing Method ⁵ Instream Construction Window ⁶ Biological Seasonal Construction Window (as of September 2017)
2		Topsoil Salvage / Federal Lands Sol Risk Hydrostatic Test Water Release / Aboveground Facilities / Residential Survey Status (wetlands as of July 2017)
9	53	Survey Status (wetlands as of July 2017)
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	MP 127.44 TO 128.40 JACKSON COUNTY, OREGON	
DRAWN BY		24x36 SCALE:1 Inch = 200 Feet
200 400 FET APPROVED	PRUMUQ	28 SHEET 128
		OF 226