

Exit Coordinates of 5 HDD Bores
 Addendum 5 to RFP 2021-003847 – November 9, 2020.

CONTROL LINE DATA - HDD-1										
POINT ID	BEARING (AZIMUTH)	DISTANCE (FEET)	PROJECT COORDINATES		STATION	CL ELEVATION	MARINE COORDINATES		LATITUDE	LONGITUDE
			NORTHING	EASTING			NORTHING	EASTING		
ENTRY	292.4174°	5488.18 '	1009773.07	378151.28	0+00.00	52.0				
EXIT			1011865.99	373077.83	54+88.18	-45.0	4924610.843	412518.842	44°28'10.2418"	-124°05'59.4553"

CONTROL LINE DATA - HDD-2										
POINT ID	BEARING	DISTANCE (FEET)	NORTHING (Y)	EASTING (X)	STATION	ELEVATION	MARINE COORDINATES		LATITUDE	LONGITUDE
							NORTHING	EASTING		
ENTRY	289.5270°	5381.41 '	1009767.25	378149.73	0+00.00	52.0				
EXIT			1011565.99	373077.83	53+81.41	-45.0	4924519.452	412521.621	44°28'07.2815"	-124°05'59.2739"

CONTROL LINE DATA - HDD-3										
POINT ID	BEARING	DISTANCE (FEET)	NORTHING (Y)	EASTING (X)	STATION	ELEVATION	MARINE COORDINATES		LATITUDE	LONGITUDE
							NORTHING	EASTING		
ENTRY	286.6791°	5288.72 '	1009748.07	378144.05	0+00.00	52.0				
EXIT			1011265.99	373077.83	52+88.72	-45.0	4924428.061	412524.400	44°28'04.3213"	-124°05'59.0926"

CONTROL LINE DATA - HDD-4										
POINT ID	BEARING	DISTANCE (FEET)	NORTHING (Y)	EASTING (X)	STATION	ELEVATION	MARINE COORDINATES		LATITUDE	LONGITUDE
							NORTHING	EASTING		
ENTRY	283.7371°	5209.42 '	1009728.92	378138.24	0+00.00	52.0				
EXIT			1010965.99	373077.83	52+09.42	-45.0	4924336.671	412527.178	44°28'01.3611"	-124°05'58.9112"

CONTROL LINE DATA - HDD-5										
POINT ID	BEARING	DISTANCE (FEET)	NORTHING (Y)	EASTING (X)	STATION	ELEVATION	MARINE COORDINATES		LATITUDE	LONGITUDE
							NORTHING	EASTING		
ENTRY	280.5574°	5145.58 '	1009723.21	378136.31	0+00.00	52.0				
EXIT			1010665.99	373077.83	51+45.58	-45.0	4924245.280	412529.957	44°27'58.4009"	-124°05'58.7299"

PROJECT COORDINATES REFER TO EPSG:2992, NAD83/ OREGON LAMBERT, INTERNATIONAL FEET

MARINE COORDINATES REFER TO EPSG:32610, WGS 84/UTM ZONE 10N, METERS