



EXISTING ALIGNMENT — ALIGNMENT TO BE PROPOSED — ALIGNMENT CHANGE INFO									
	LOCATION	ALIGNMENT NO. #	EASTING	NORTHING	POINTS	BEARING	ANGLE	ARC LENGTH	TOTAL
TH-1a	BM-1	0.00	4,010,530	4,068,619		127.76214			
	BM-2	10.00	4,010,530	4,068,619		127.76214			
	Cut-1	10.00	4,020,627	4,067,651	13.700	62.28032	26.430		
	Cut-2	22.871	4,033,422	4,068,169					
	Cut-3a		4,034,323	4,068,169					
	TH-1b	28.799	4,034,323	4,068,164					
	TH-1c	40.000	4,033,422	4,068,256	14.250	64.19018	16.525		
	TH-1d	40.000	4,033,422	4,068,256					
	TH-1e	40.000	4,033,422	4,068,256					
	TH-1f	40.000	4,033,422	4,068,256					
TH-2a	BM-2	40.000	4,033,422	4,068,256					
	TH-2b	40.000	4,033,422	4,068,256					
	TH-2c	40.000	4,033,422	4,068,256					
	TH-2d	40.000	4,033,422	4,068,256					
	TH-2e	40.000	4,033,422	4,068,256					
	TH-2f	40.000	4,033,422	4,068,256					
	TH-2g	40.000	4,033,422	4,068,256					
	TH-2h	40.000	4,033,422	4,068,256					
	TH-2i	40.000	4,033,422	4,068,256					
	TH-2j	40.000	4,033,422	4,068,256					
TH-3a	BM-3	72.000	4,030,848	4,063,344	43.300	122.00000			
	TH-3b	72.000	4,030,848	4,063,344					
	TH-3c	72.000	4,030,848	4,063,344					
	TH-3d	72.000	4,030,848	4,063,344					
	TH-3e	72.000	4,030,848	4,063,344					
	TH-3f	72.000	4,030,848	4,063,344					
	TH-3g	72.000	4,030,848	4,063,344					
	TH-3h	72.000	4,030,848	4,063,344					
	TH-3i	72.000	4,030,848	4,063,344					
	TH-3j	72.000	4,030,848	4,063,344					
TH-4a	BM-4	83.548	4,030,848	4,063,344					
	TH-4b	83.548	4,030,848	4,063,344					
	TH-4c	83.548	4,030,848	4,063,344					
	TH-4d	83.548	4,030,848	4,063,344					
	TH-4e	83.548	4,030,848	4,063,344					
	TH-4f	83.548	4,030,848	4,063,344					
	TH-4g	83.548	4,030,848	4,063,344					
	TH-4h	83.548	4,030,848	4,063,344					
	TH-4i	83.548	4,030,848	4,063,344					
	TH-4j	83.548	4,030,848	4,063,344					
TH-5a	BM-5	115.140	4,029,423	4,060,641					
	TH-5b	115.140	4,029,423	4,060,641					
	TH-5c	115.140	4,029,423	4,060,641					
	TH-5d	115.140	4,029,423	4,060,641					
	TH-5e	115.140	4,029,423	4,060,641					
	TH-5f	115.140	4,029,423	4,060,641					
	TH-5g	115.140	4,029,423	4,060,641					
	TH-5h	115.140	4,029,423	4,060,641					
	TH-5i	115.140	4,029,423	4,060,641					
	TH-5j	115.140	4,029,423	4,060,641					
TH-6a	BM-6	120.000	4,030,487	4,057,965	16.300	20.09514	8.832		
	TH-6b	120.000	4,030,487	4,057,965					
	TH-6c	120.000	4,030,487	4,057,965					
	TH-6d	120.000	4,030,487	4,057,965					
	TH-6e	120.000	4,030,487	4,057,965					
	TH-6f	120.000	4,030,487	4,057,965					
	TH-6g	120.000	4,030,487	4,057,965					
	TH-6h	120.000	4,030,487	4,057,965					
	TH-6i	120.000	4,030,487	4,057,965					
	TH-6j	120.000	4,030,487	4,057,965					

	LOCATION	CHANNEL	EASTING	NORTHING	ROUTES	BEARING	ANGLE	ARC LENGTH	TRAIL
	JP5-1	2-750	4108.01816	4181.23247		47.50000			
	JP5-2	2-750	4108.01816	4181.23247					
	CP5-1	10.000	41096.257	41806.352		47.50000			
	CP5-2	20.000	41096.257	41806.352					
	CP5-3	20.000	41096.257	41806.352					
	CP5-4	20.000	41211.483	41806.352	4-350		30.95014	261.18	11.386
	CP5-5	30.000	41211.483	41806.352					
	CP5-6	40.000	41211.483	41806.352					
	CP5-7	50.000	41211.483	41806.352					
	CP5-8	60.000	41211.483	41806.352					
	CP5-9	70.000	41211.483	41806.352					
	CP5-10	80.000	41211.483	41806.352					
	CP5-11	90.000	41211.483	41806.352					
	CP5-12	100.000	41211.483	41806.352					
	CP5-13	110.000	41211.483	41806.352					
	CP5-14	120.000	41211.483	41806.352					
	CP5-15	130.000	41211.483	41806.352					
	CP5-16	140.000	41211.483	41806.352					
	CP5-17	150.000	41211.483	41806.352					
	CP5-18	160.000	41211.483	41806.352					
	CP5-19	170.000	41211.483	41806.352					
	CP5-20	180.000	41211.483	41806.352					
	CP5-21	190.000	41211.483	41806.352					
	CP5-22	200.000	41211.483	41806.352					
	CP5-23	210.000	41211.483	41806.352					
	CP5-24	220.000	41211.483	41806.352					
	CP5-25	230.000	41211.483	41806.352					
	CP5-26	240.000	41211.483	41806.352					
	CP5-27	250.000	41211.483	41806.352					
	CP5-28	260.000	41211.483	41806.352					
	CP5-29	270.000	41211.483	41806.352					
	CP5-30	280.000	41211.483	41806.352					
	CP5-31	290.000	41211.483	41806.352					
	CP5-32	300.000	41211.483	41806.352					
	CP5-33	310.000	41211.483	41806.352					
	CP5-34	320.000	41211.483	41806.352					
	CP5-35	330.000	41211.483	41806.352					
	CP5-36	340.000	41211.483	41806.352					
	CP5-37	350.000	41211.483	41806.352					
	CP5-38	360.000	41211.483	41806.352					
	CP5-39	370.000	41211.483	41806.352					
	CP5-40	380.000	41211.483	41806.352					
	CP5-41	390.000	41211.483	41806.352					
	CP5-42	400.000	41211.483	41806.352					
	CP5-43	410.000	41211.483	41806.352					
	CP5-44	420.000	41211.483	41806.352					
	CP5-45	430.000	41211.483	41806.352					
	CP5-46	440.000	41211.483	41806.352					
	CP5-47	450.000	41211.483	41806.352					
	CP5-48	460.000	41211.483	41806.352					
	CP5-49	470.000	41211.483	41806.352					
	CP5-50								

ALIGNMENT ROAD 5A								
LOCATION	CHANGING	EASTING	NORTHING	ROUND	BEARING	ANGLE	ARC LENGTH	TANK
BP44	2,170	412,644.864	418,652.413		187.59514			
CP54-0		412,655.388	418,660.823					
CP54-1	10,000	412,677.226	418,670.844					
CP54-1	15,460	412,655.207	418,634.485		16.59014			