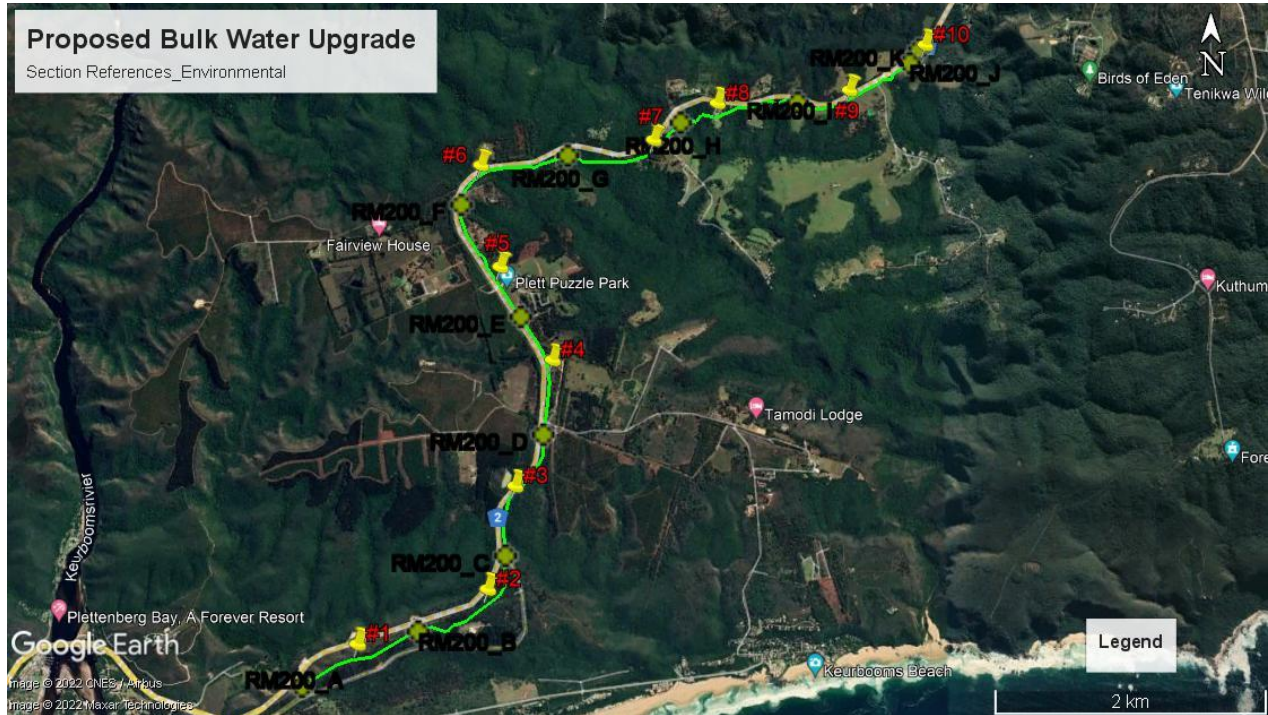


### APPENDIX E3: GPS COORDINATES

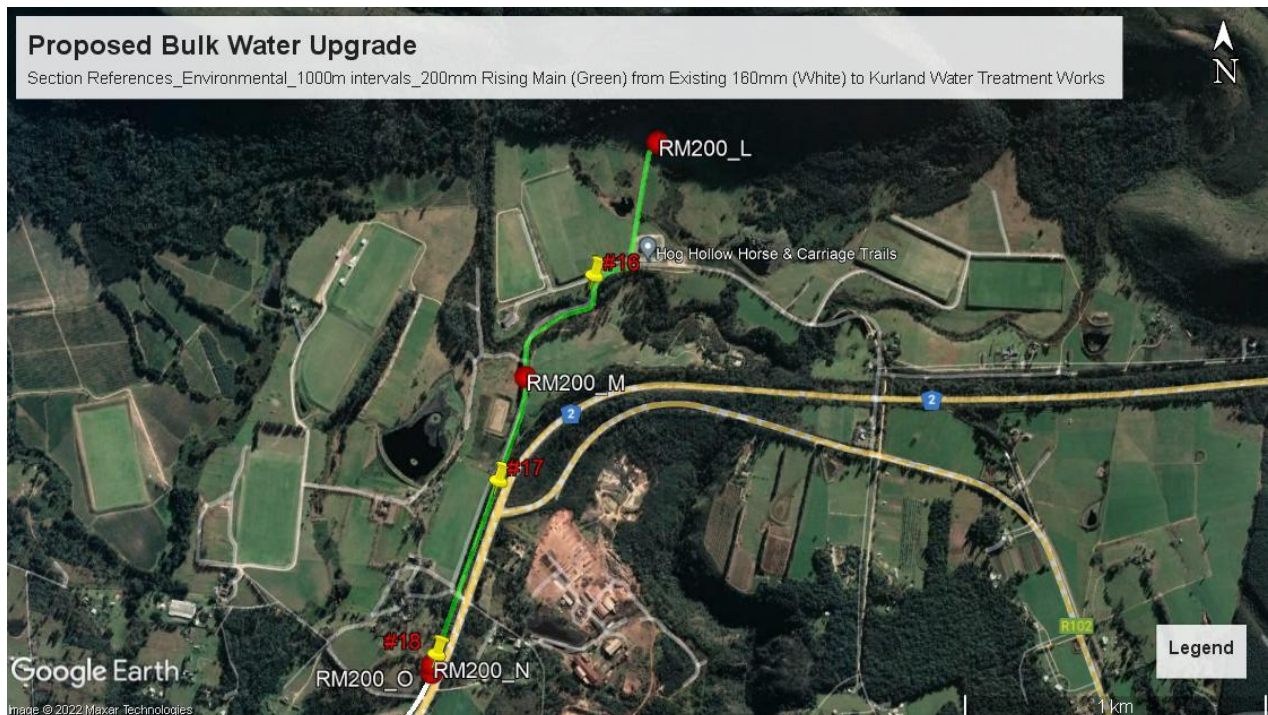
Proposed Pipeline	Section Ref#	Point ID	Distance from previous point on proposed line (m)	Coordinates		
Proposed Rising Main (200mm) to the Existing Tie-In	1	RM200_A	0	34° 0'19.16"S	23°25'9.24"E	
		RM200_B	1000	34° 0'6.29"S	23°25'42.52"E	
	2	RM200_C	2000	33°59'48.29"S	23°26'7.60"E	
			3000	33°59'19.16"S	23°26'18.37"E	
	4	RM200_E	4000	33°58'50.33"S	23°26'11.47"E	
	5	RM200_F	5000	33°58'22.47"S	23°25'53.47"E	
	6	RM200_G	6000	33°58'10.08"S	23°26'25.16"E	
	7	RM200_H	7000	33°58'1.75"S	23°26'59.00"E	
	8	RM200_I	8000	33°57'56.62"S	23°27'34.18"E	
	9	RM200_J	9000	33°57'46.60"S	23°28'8.04"E	
	10	RM200_K	9175	33°57'43.07"S	23°28'11.06"E	
	Proposed 315mm Pipeline to Kurland	11	315_A	0	33°55'37.95"S	23°29'44.53"E
			315_B	1000	33°56'3.05"S	23°29'27.45"E
12		315_C	2000	33°56'33.81"S	23°29'15.42"E	
			2543	33°56'48.46"S	23°29'19.77"E	
Proposed 200mm Pipeline to Kurland Housing 562		14	200_A	0		
	200_B		1000	33°57'2.39"S	23°29'15.34"E	
	200_C		1800	33°57'17.08"S	23°29'24.08"E	
Proposed 200mm Pipeline to Kurland Township	15	200_TA	329.2	33°56'48.46"S	23°29'19.77"E	
		200_TB		33°56'51.53"S	23°29'30.36"E	
Proposed Rising Main	16	RM200_L	0	33°55'37.95"S	23°29'44.53"E	
		RM200_M	1000	33°56'3.05"S	23°29'27.45"E	
	17					

**APPENDIX A3: GPS COORDINATES**  
**PROPOSED UPGRADES TO THE BULK WATER INFRASTRUCTURE, KURLAND, BITOU LOCAL MUNICIPALITY**

<b>(200mm) from the Existing Tie-In to the WTW's</b>	18	RM200_N	2000	33°56'33.81"S	23°29'15.42"E
		RM200_O	2034.9	33°56'34.72"S	23°29'15.35"E



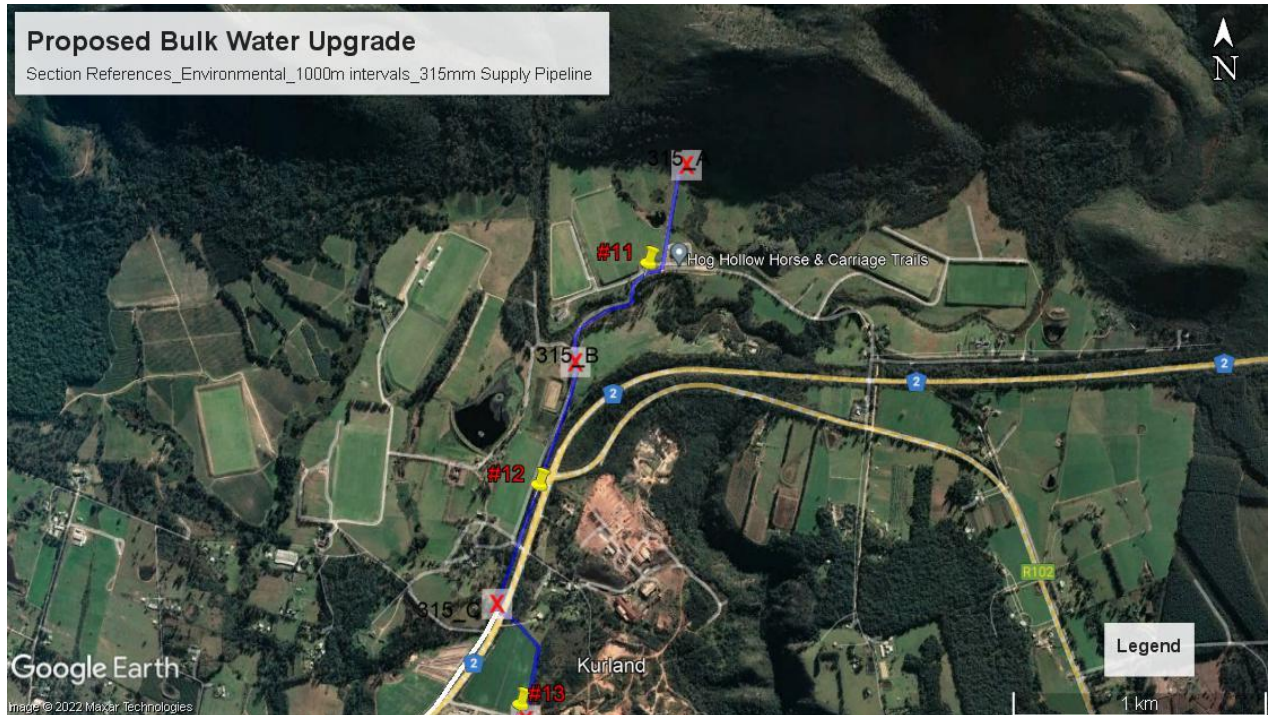
**Figure 1: Proposed reference sections – 200mm Rising Main to Existing 160mm Tie-In.**



**Figure 2: Proposed reference sections – 200mm Rising Main to Kurland WTW's**



**APPENDIX A3: GPS COORDINATES**  
**PROPOSED UPGRADES TO THE BULK WATER INFRASTRUCTURE, KURLAND, BITOU LOCAL MUNICIPALITY**



**Figure 3: Proposed reference sections – 315mm Supply Pipeline.**



**Figure 4: Proposed reference sections – 200mm Supply Pipeline to Kurland Housing 562.**



**APPENDIX A3: GPS COORDINATES  
PROPOSED UPGRADES TO THE BULK WATER INFRASTRUCTURE, KURLAND, BITOU LOCAL MUNICIPALITY**



**Figure 5: Proposed reference sections – 200mm Supply Pipeline to Kurland Township.**