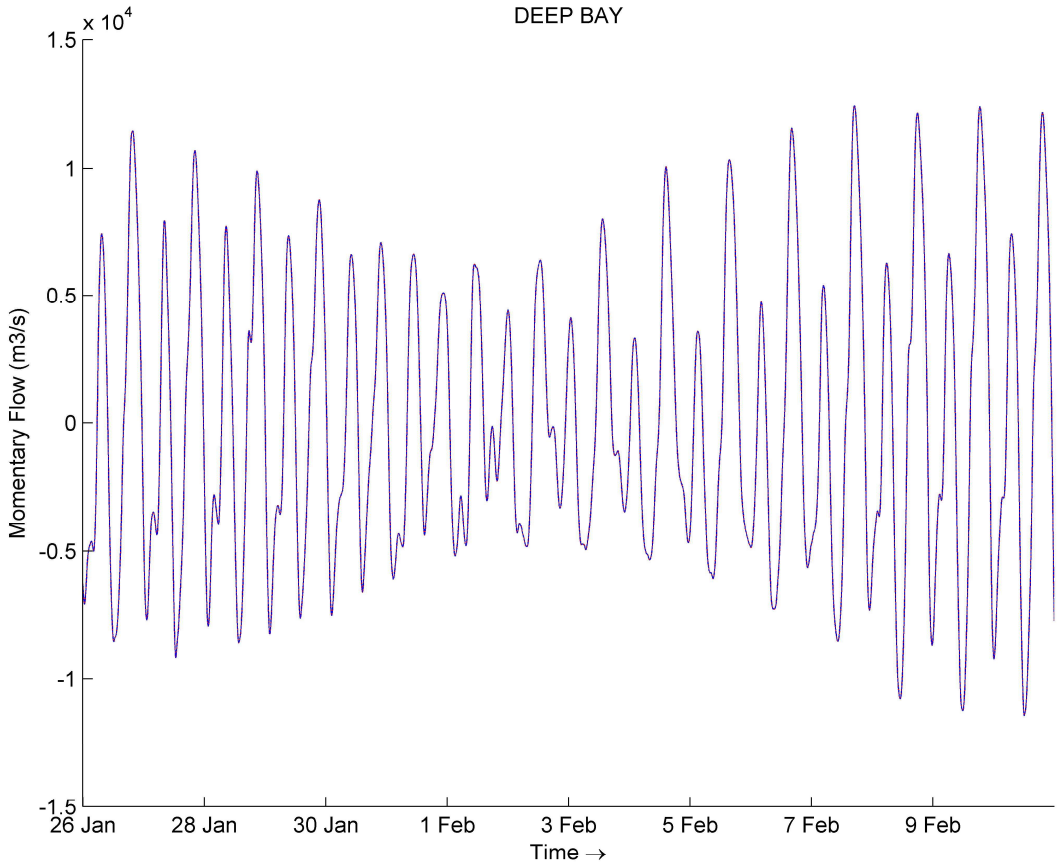
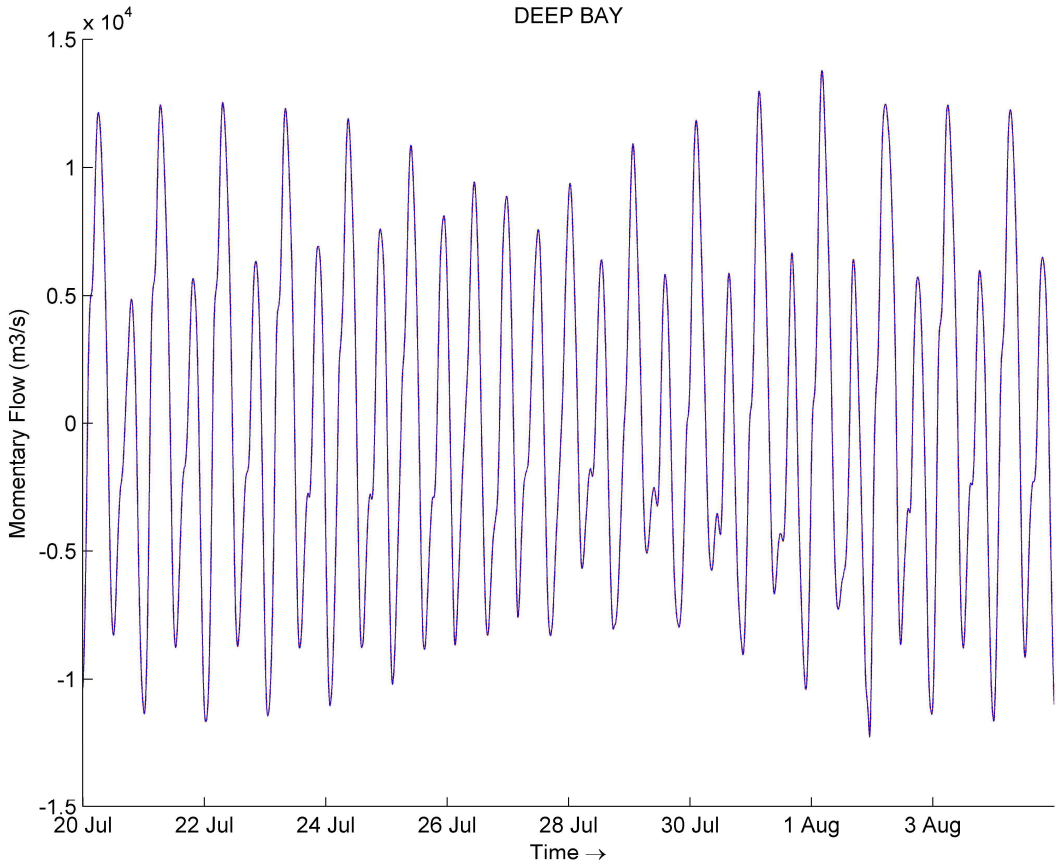
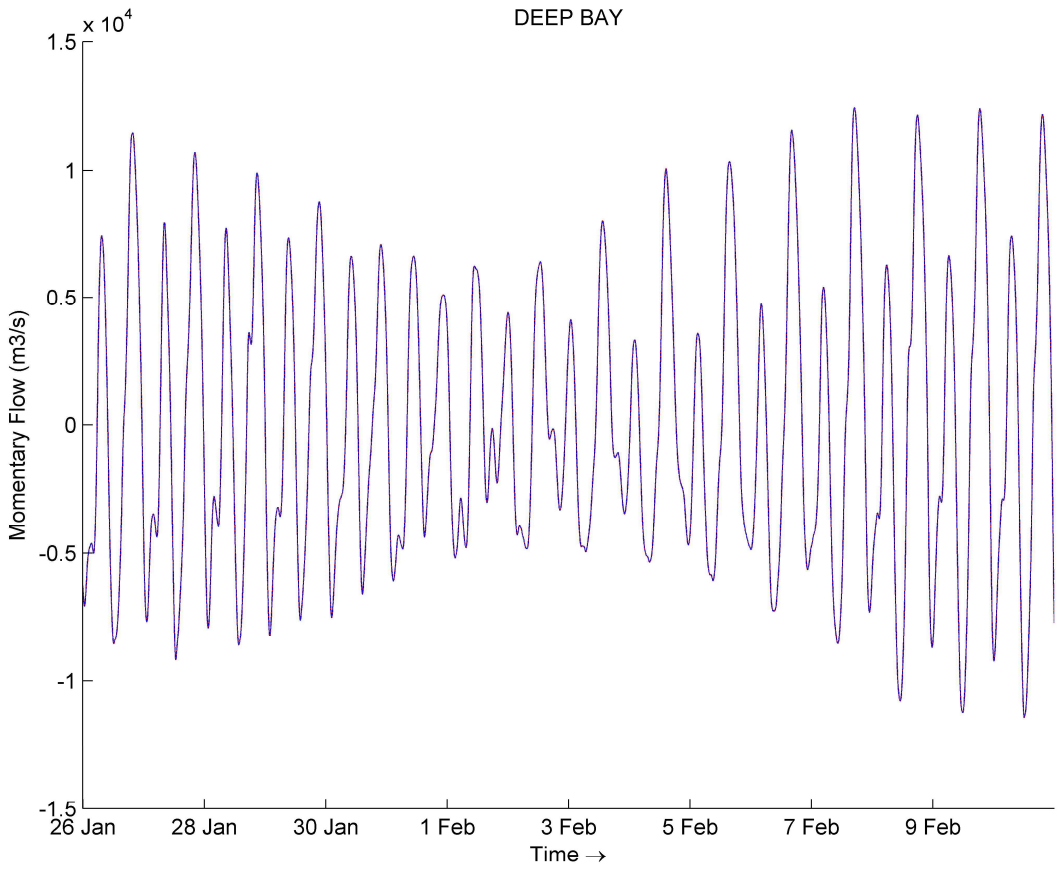
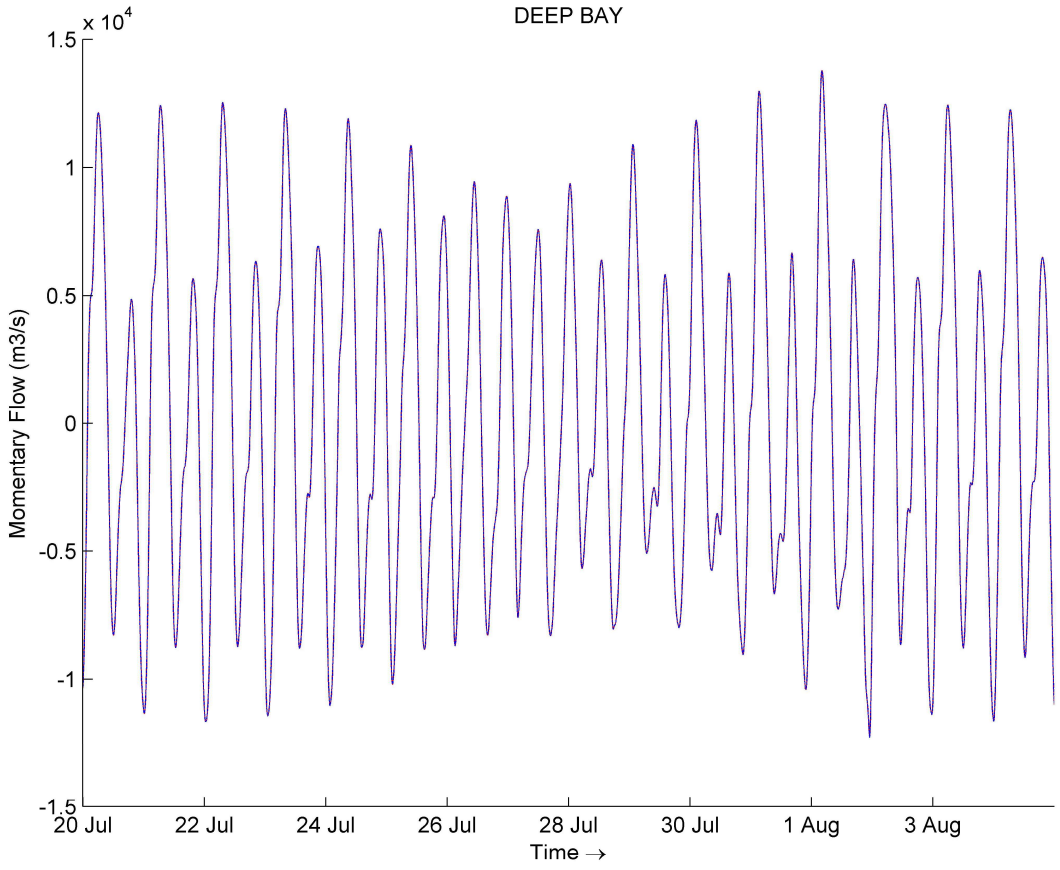


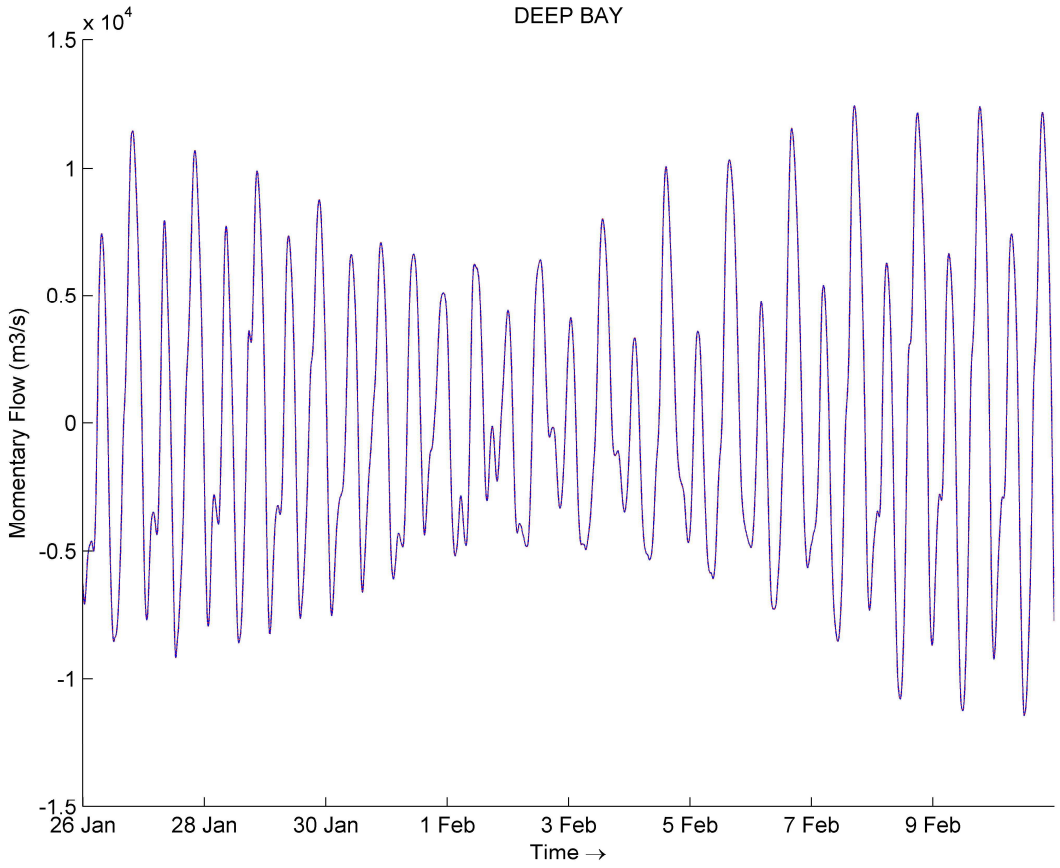


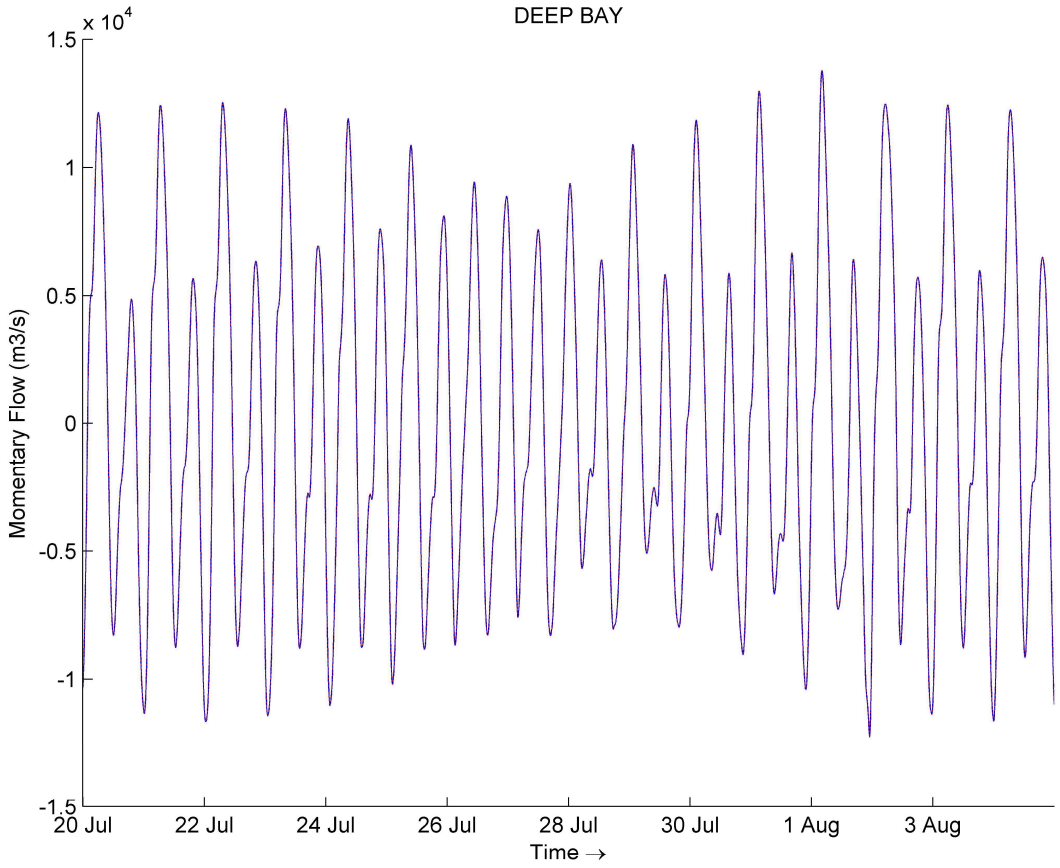
Momentary Flow Out of Deep Bay **Upper: Dry Season Lower: Wet Season** **Red: Scenario B1 (Baseline Scenario without Project** **Blue: Scenario B2 (Impact Scenario with Project - Outfall Option 1)**		
	CE 26/2022 (EP)	
Binnies	**Appendix 5I-1**	**1**



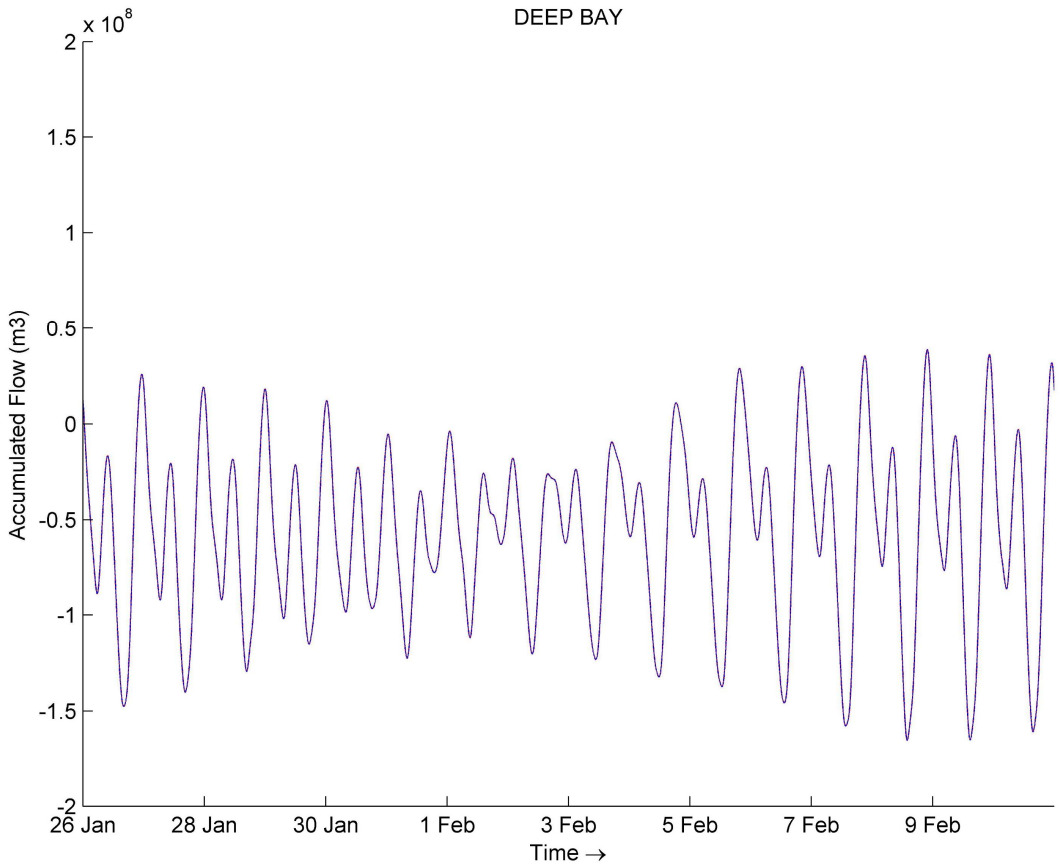


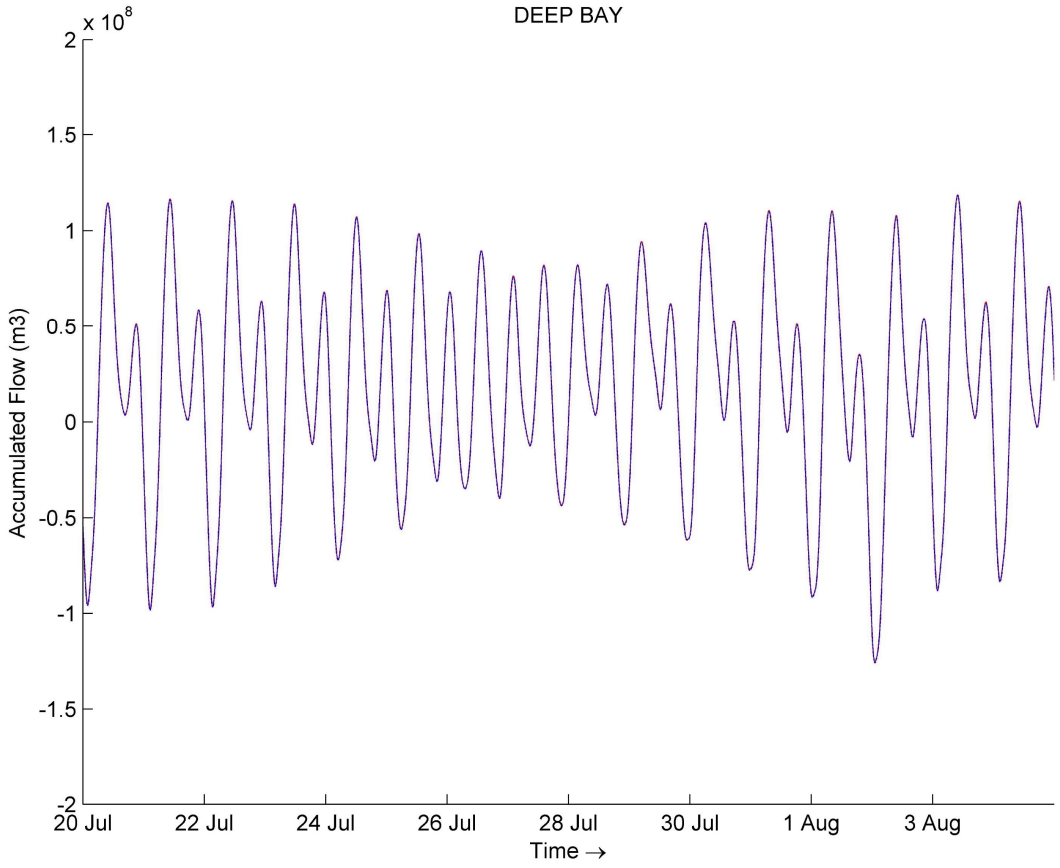
Momentary Flow Out of Deep Bay **Upper: Dry Season Lower: Wet Season** **Red: Scenario B1 (Baseline Scenario without Project** **Blue: Scenario B3 (Impact Scenario with Project - Outfall Option 2)**		
	CE 26/2022 (EP)	
Binnies	**Appendix 5I-1**	**2**



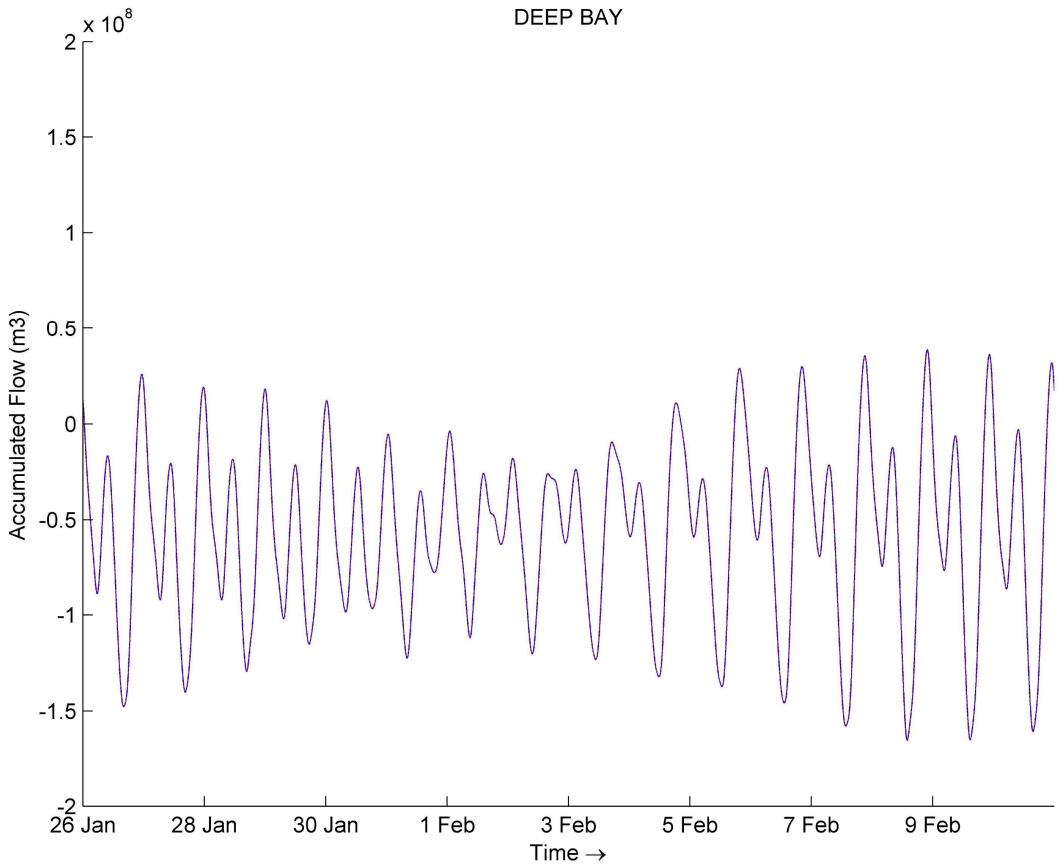


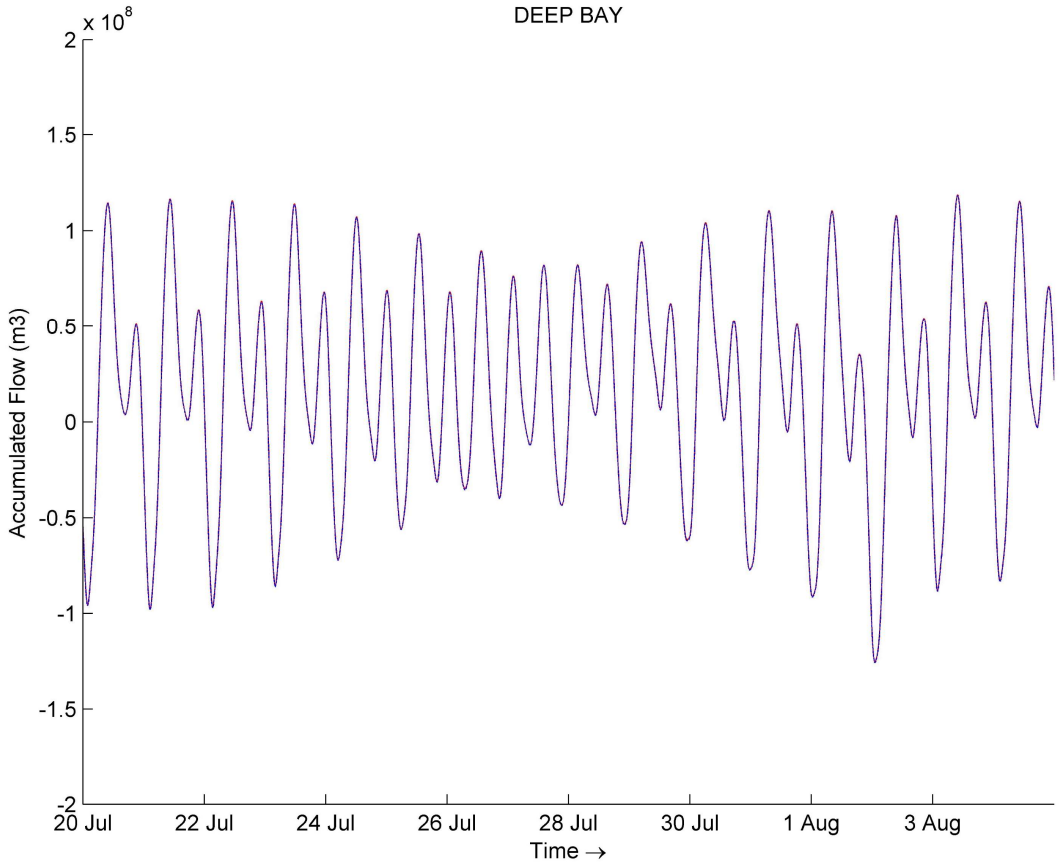
Momentary Flow Out of Deep Bay **Upper: Dry Season Lower: Wet Season** **Red: Scenario B1 (Baseline Scenario without Project** **Blue: Scenario B4 (Impact Scenario with Project - Outfall Option 3)**		
	CE 26/2022 (EP)	
Binnies	**Appendix 5I-1**	**3**



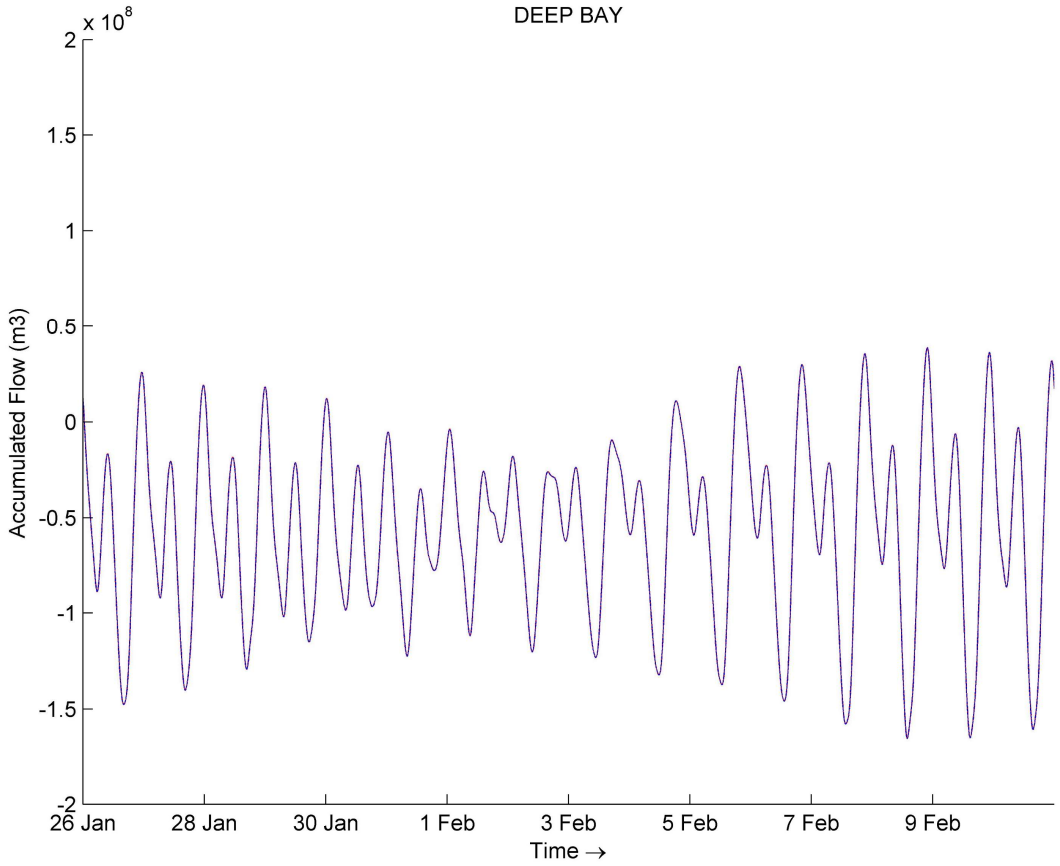


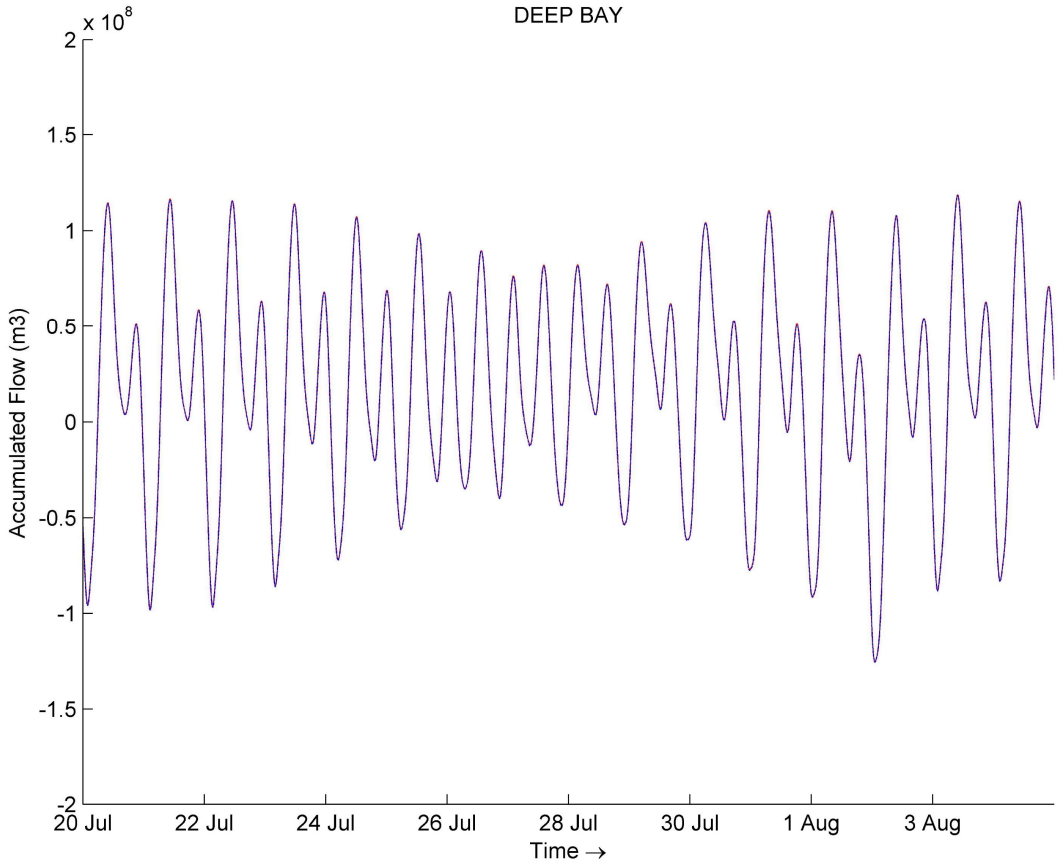
Accumulated Flow Out of Deep Bay **Upper: Dry Season Lower: Wet Season** **Red: Scenario B1 (Baseline Scenario without Project** **Blue: Scenario B2 (Impact Scenario with Project - Outfall Option 1)**		
	CE 26/2022 (EP)	
Binnies	**Appendix 5I-1**	**4**



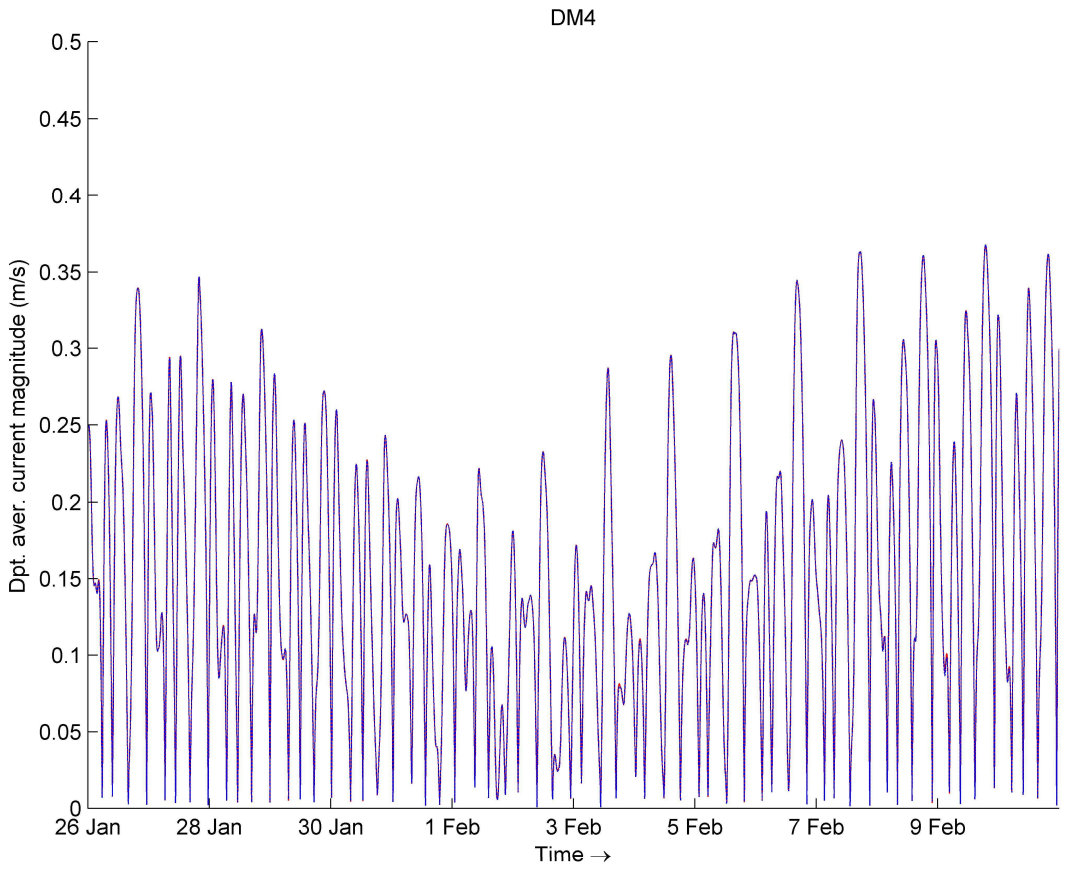


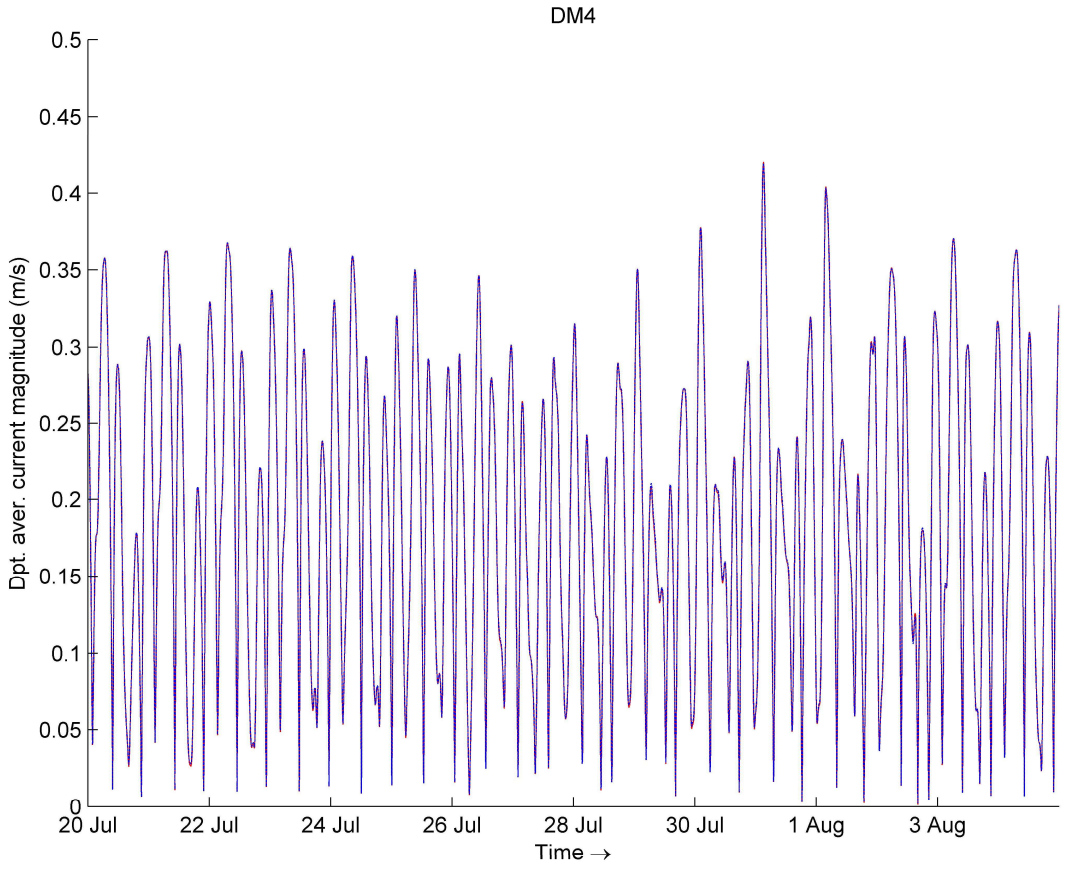
Accumulated Flow Out of Deep Bay **Upper: Dry Season Lower: Wet Season** **Red: Scenario B1 (Baseline Scenario without Project** **Blue: Scenario B3 (Impact Scenario with Project - Outfall Option 2)**		
	CE 26/2022 (EP)	
Binnies	**Appendix 5I-1**	**5**



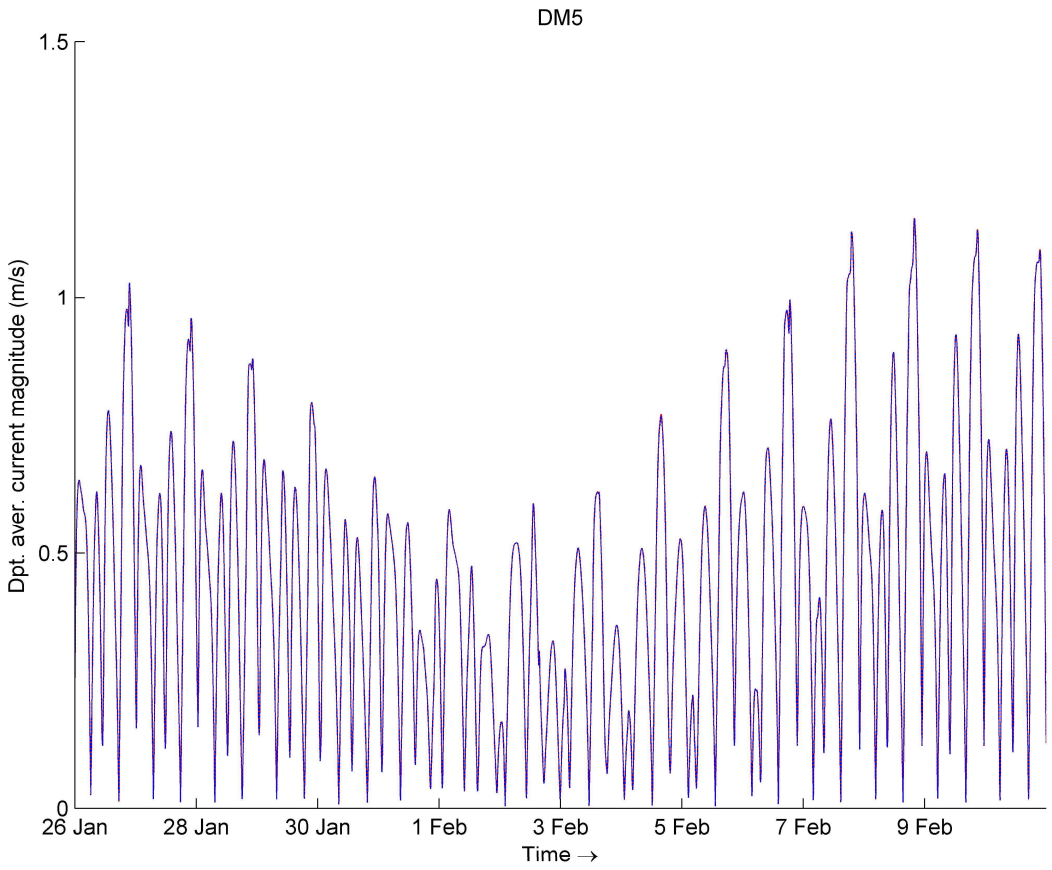


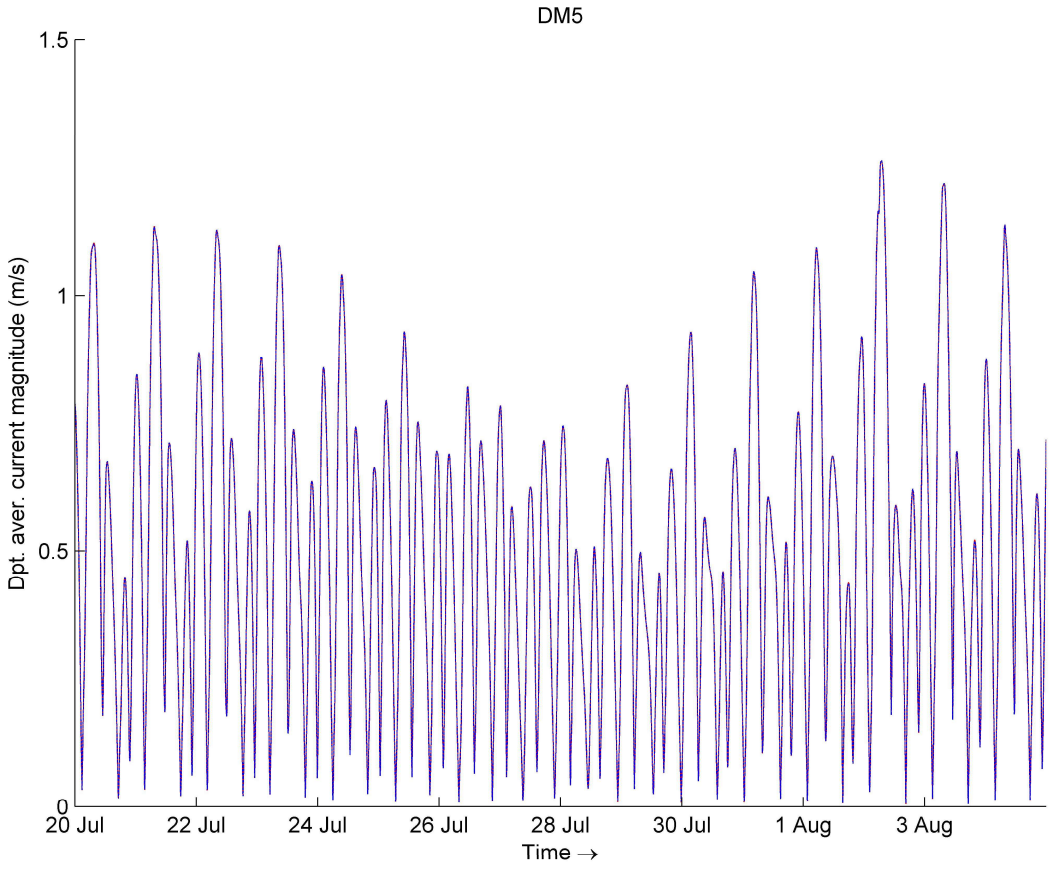
Accumulated Flow Out of Deep Bay
Upper: Dry Season Lower: Wet Season
Red: Scenario B1 (Baseline Scenario without Project
Blue: Scenario B4 (Impact Scenario with Project - Outfall Option 3)



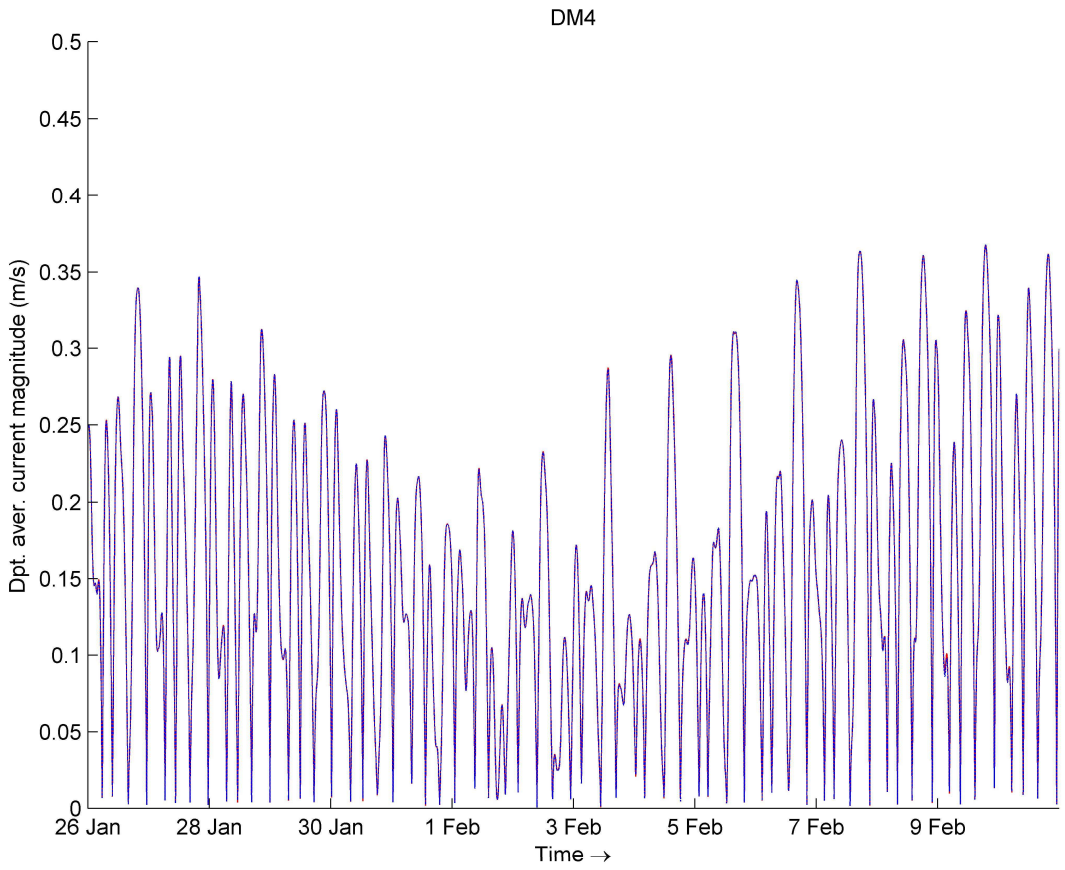


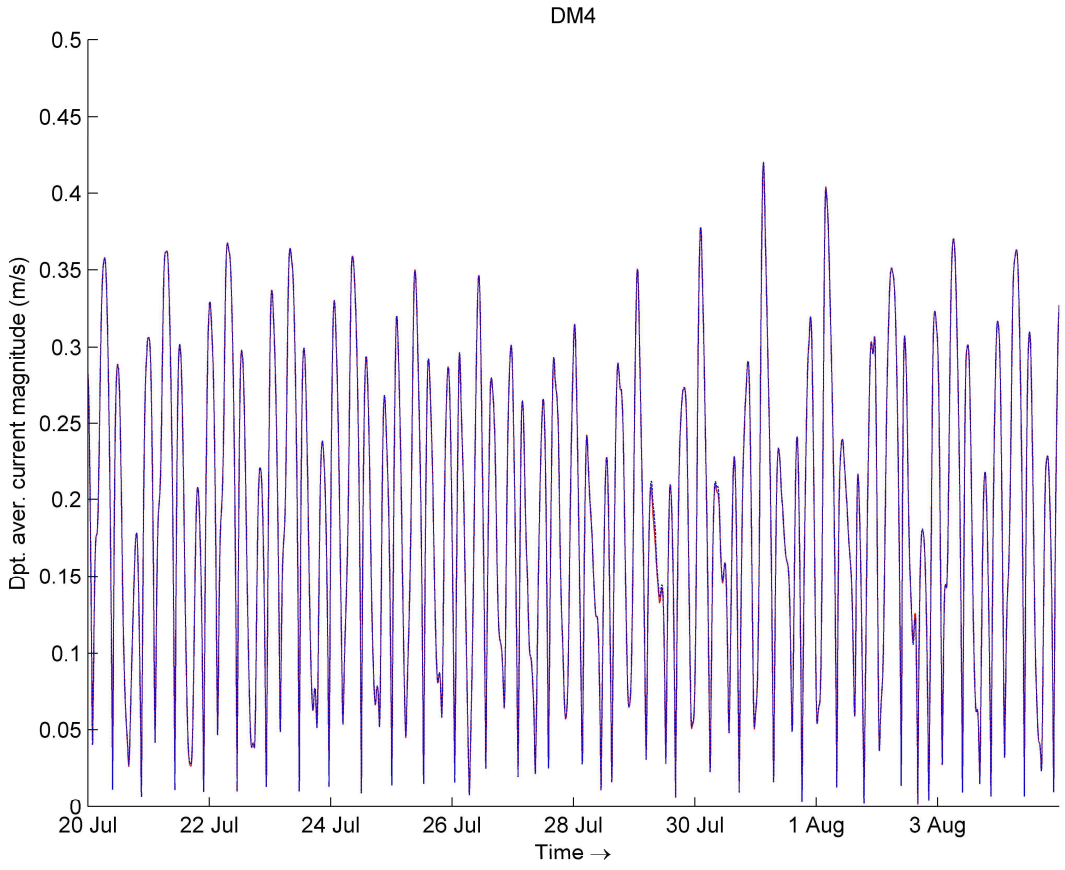
Depth-averaged Flow Speed at DM4 **Upper: Dry Season Lower: Wet Season** **Red: Scenario B1 (Baseline Scenario without Project** **Blue: Scenario B2 (Impact Scenario with Project - Outfall Option 1)**		
	CE 26/2022 (EP)	
Binnies	**Appendix 5I-1**	**7**



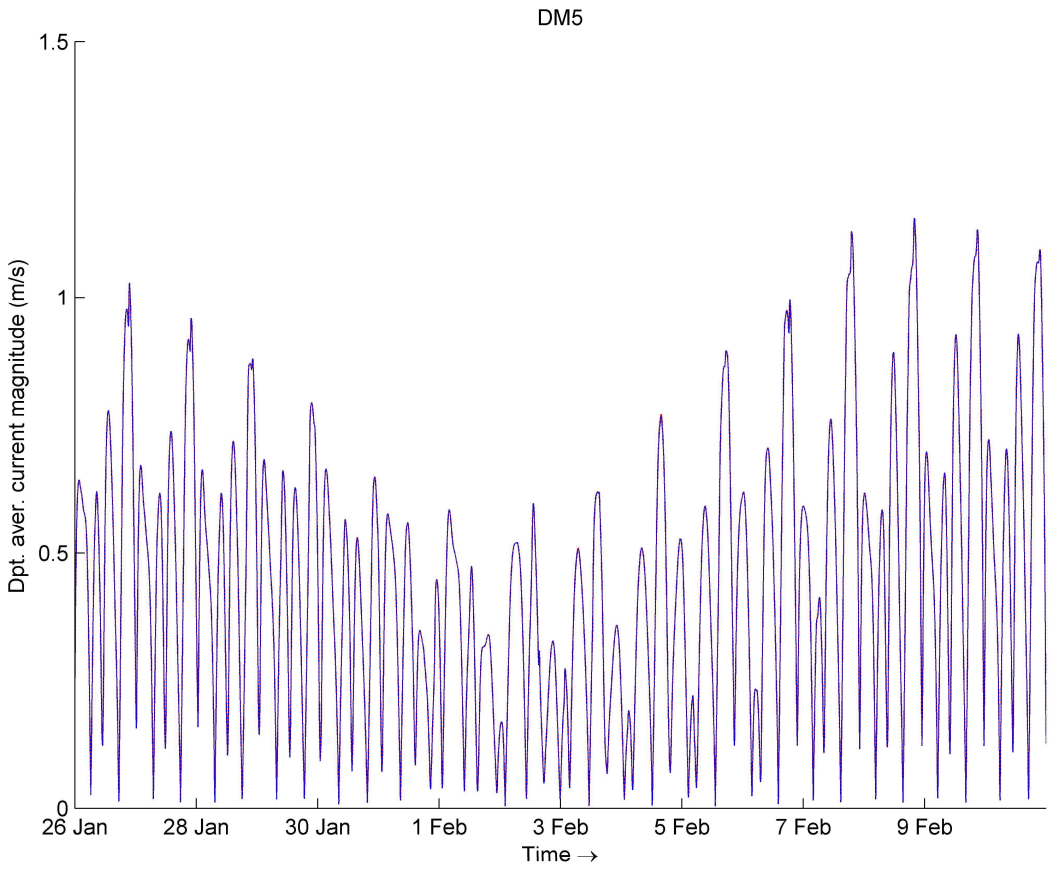


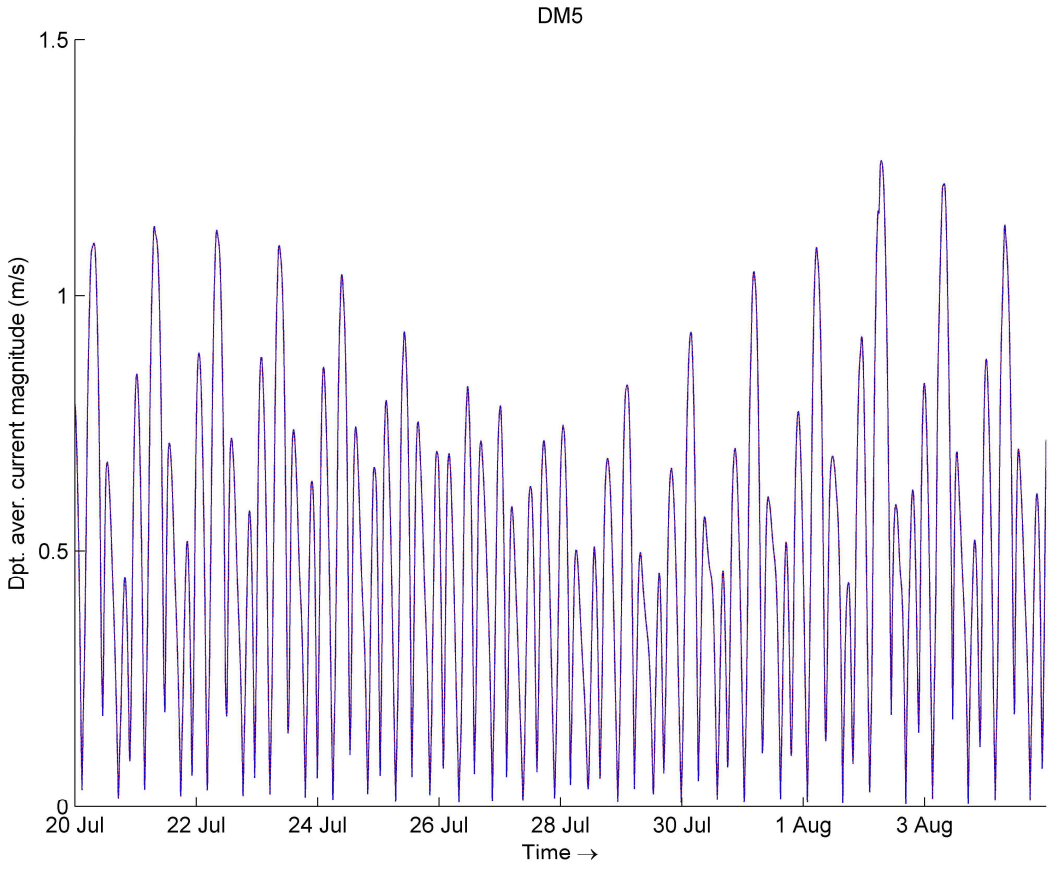
Depth-averaged Flow Speed at DM5 **Upper: Dry Season Lower: Wet Season** **Red: Scenario B1 (Baseline Scenario without Project** **Blue: Scenario B2 (Impact Scenario with Project - Outfall Option 1)**		
	CE 26/2022 (EP)	
Binnies	**Appendix 5I-1**	**8**



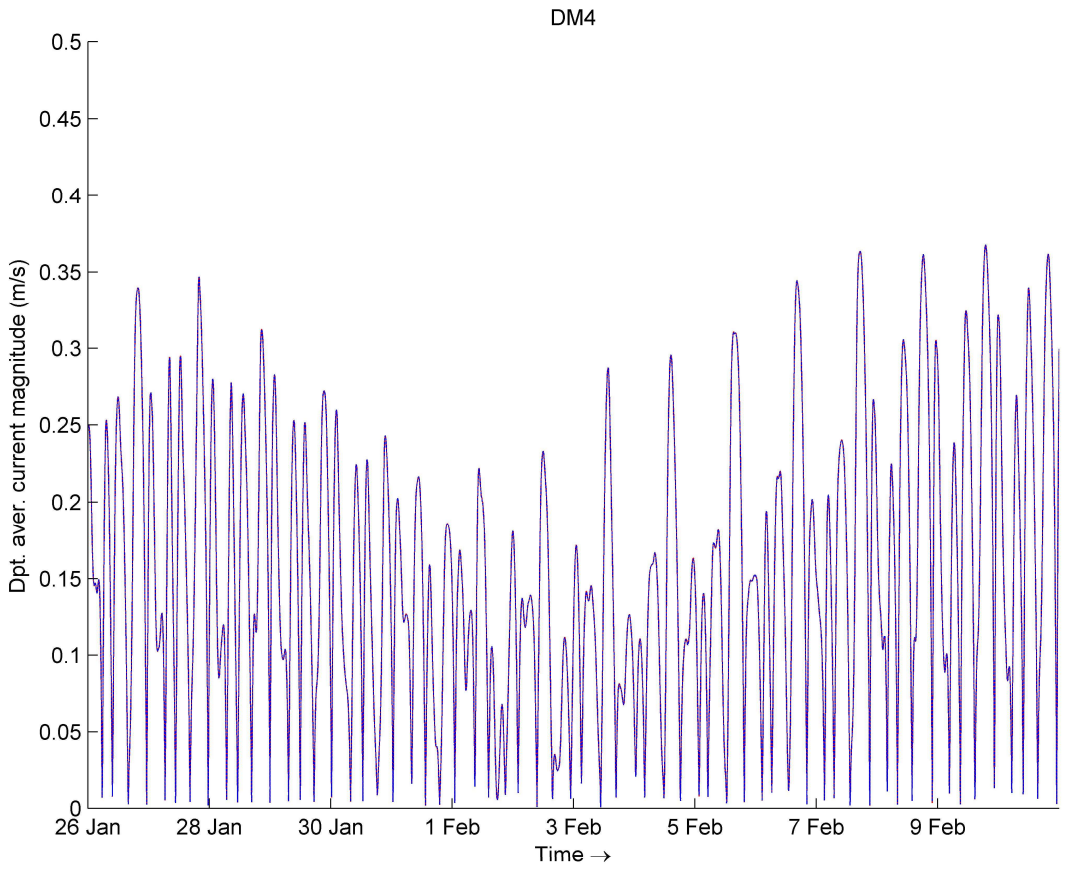


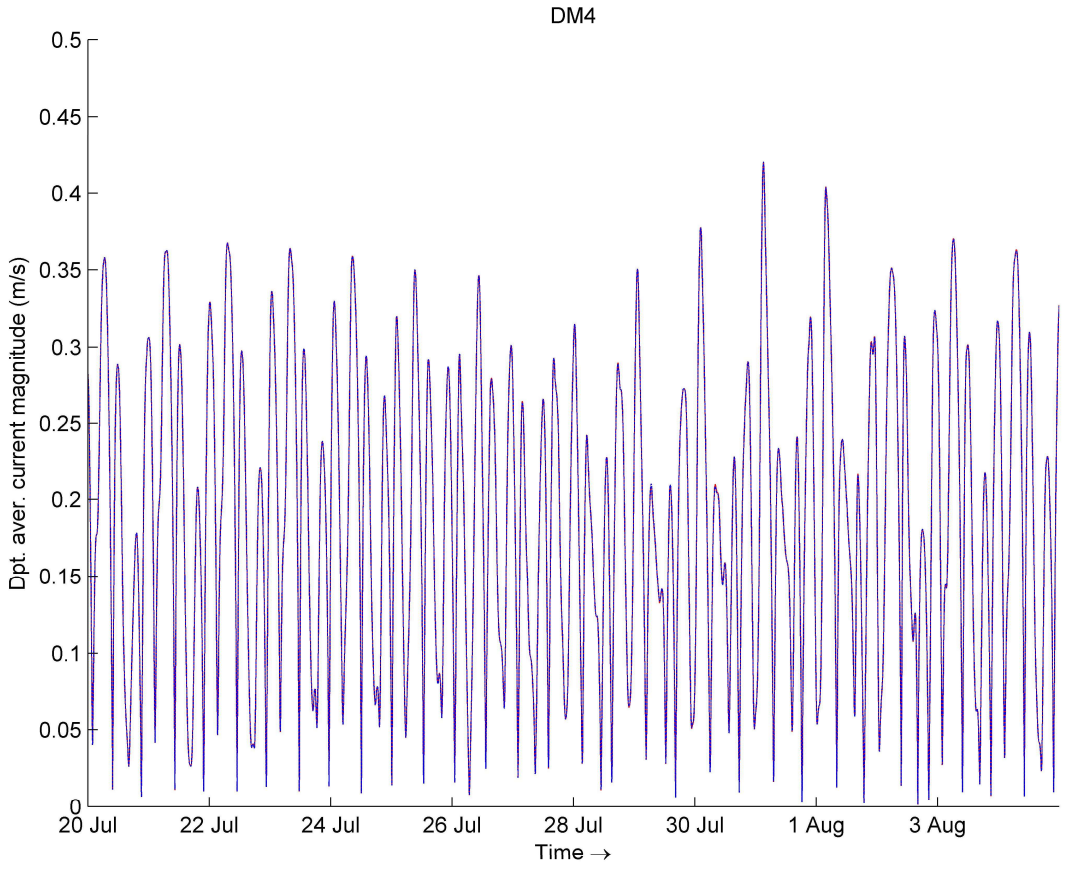
Depth-averaged Flow Speed at DM4 **Upper: Dry Season Lower: Wet Season** **Red: Scenario B1 (Baseline Scenario without Project** **Blue: Scenario B3 (Impact Scenario with Project - Outfall Option 2)**		
	CE 26/2022 (EP)	
Binnies	**Appendix 5I-1**	**9**



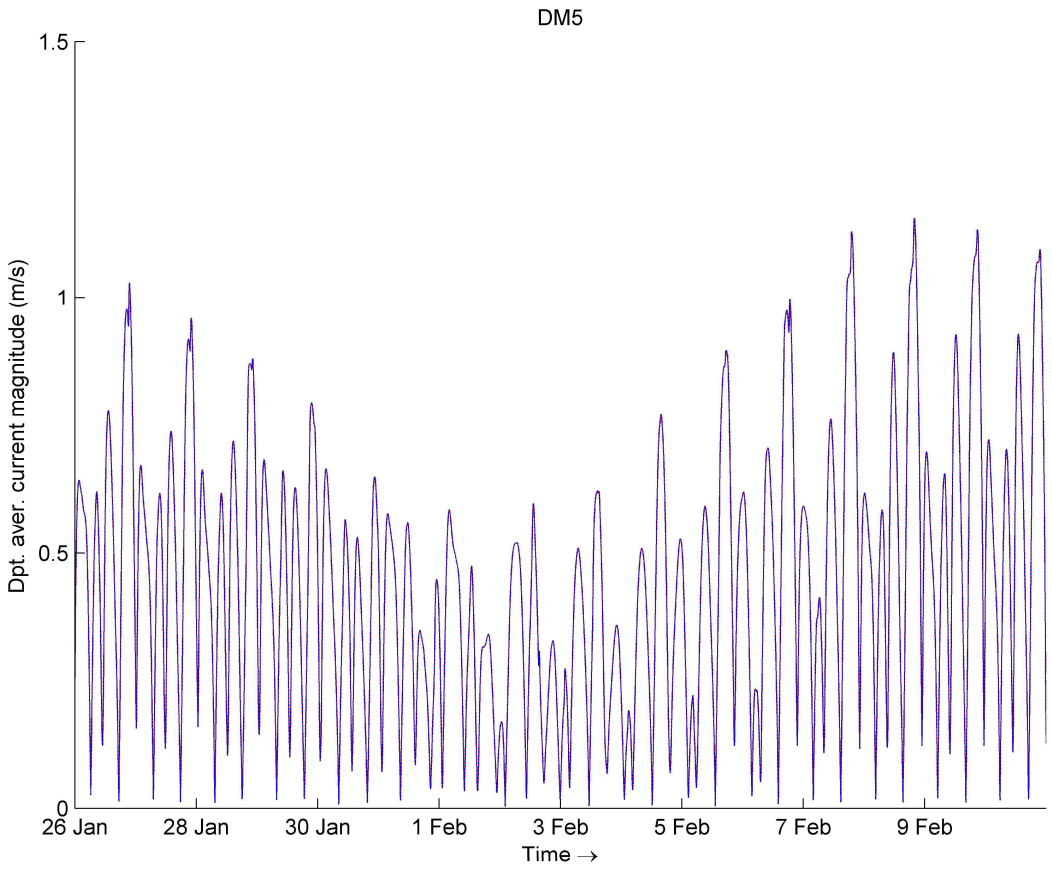


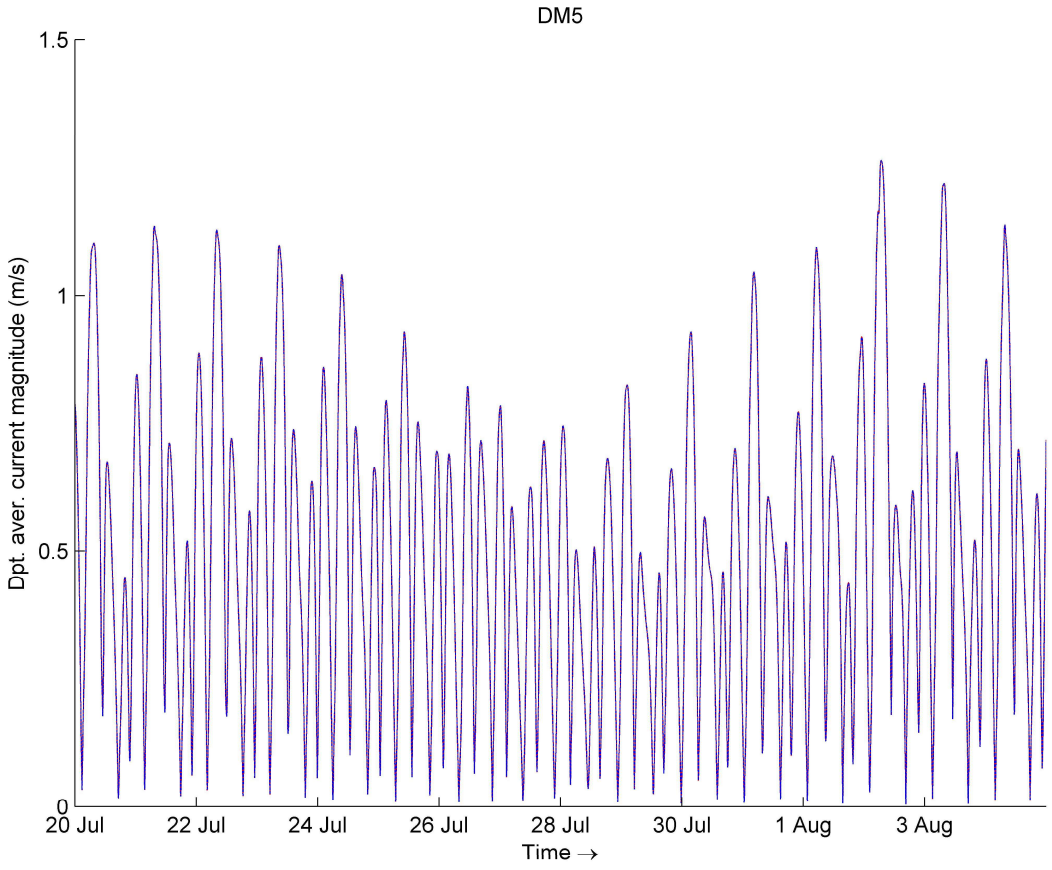
Depth-averaged Flow Speed at DM5 **Upper: Dry Season Lower: Wet Season** **Red: Scenario B1 (Baseline Scenario without Project** **Blue: Scenario B3 (Impact Scenario with Project - Outfall Option 2)**		
	CE 26/2022 (EP)	
Binnies	**Appendix 5I-1**	**10**



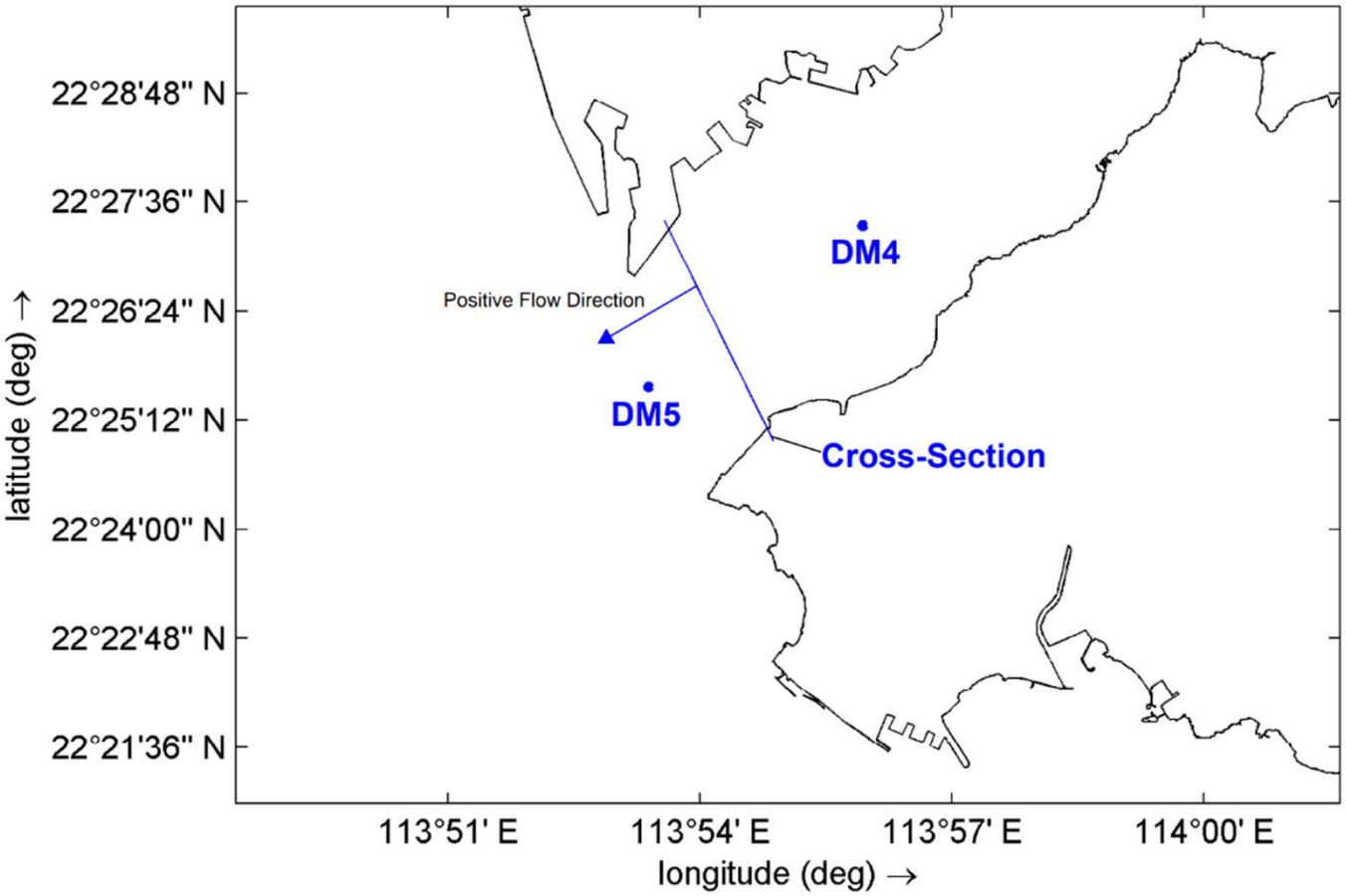


Depth-averaged Flow Speed at DM4 **Upper: Dry Season Lower: Wet Season** **Red: Scenario B1 (Baseline Scenario without Project** **Blue: Scenario B4 (Impact Scenario with Project - Outfall Option 3)**		
	CE 26/2022 (EP)	
Binnies	**Appendix 5I-1**	**11**





Depth-averaged Flow Speed at DM5 **Upper: Dry Season Lower: Wet Season** **Red: Scenario B1 (Baseline Scenario without Project** **Blue: Scenario B3 (Impact Scenario with Project - Outfall Option 3)**		
	CE 26/2022 (EP)	
Binnies	**Appendix 5I-1**	**12**



Locations of Indicator Points and Cross-Section		
	CE 26/2022 (EP)	
Binnies	**Appendix 5I-1**	**13**

Changes in Accumulated Flow at Deep Bay Due to Project (Scenario B2 - Outfall Option 1)			Deep Bay			
			Accumulated Flow (m^3)			
			Baseline Scenario	Operational Scenario (Outfall 1)	Difference	Relative Difference
Dry season						
Spring Tide	Flood Phase	8/2/2016 8:00	-12491500	-12582600		
		8/2/2016 14:00	-165246000	-165414000		
		Difference	-152754500	-152831400	-76900	0.05%
	Ebb Phase	8/2/2016 15:00	-156904000	-157054000		
		8/2/2016 21:00	28795300	28710100		
		Difference	185699300	185764100	64800	0.03%
Neap Tide	Flood Phase	3/2/2016 4:00	-30908900	-31128800		
		3/2/2016 10:00	-120342000	-120448000		
		Difference	-89433100	-89319200	113900	-0.13%
	Ebb Phase	3/2/2016 11:00	-122973000	-123104000		
		3/2/2016 17:00	-9524850	-9666820		
		Difference	113448150	113437180	-10970	-0.01%
Wet season						
Spring Tide	Flood Phase	1/8/2016 19:00	35141700	34711600		
		2/8/2016 1:00	-124527000	-124746000		
		Difference	-159668700	-159457600	211100	-0.13%
	Ebb Phase	2/8/2016 2:00	-121952000	-122179000		
		2/8/2016 8:00	80316600	80047800		
		Difference	202268600	202226800	-41800	-0.02%
Neap Tide	Flood Phase	26/7/2016 1:00	67975100	67796800		
		26/7/2016 7:00	-34644100	-34862400		
		Difference	-102619200	-102659200	-40000	0.04%
	Ebb Phase	26/7/2016 8:00	-31743200	-31965400		
		26/7/2016 13:00	86820800	86559200		
		Difference	118564000	118524600	-39400	-0.03%

Changes in Accumulated Flow at Deep Bay Due to Project (Scenario B3 - Outfall Option 2)			Deep Bay			
			Accumulated Flow (m^3)			
			Baseline Scenario	Operational Scenario (Outfall 2)	Difference	Relative Difference
Dry season						
Spring Tide	Flood Phase	8/2/2016 8:00	-12491500	-12596600		
		8/2/2016 14:00	-165246000	-165367000		
		Difference	-152754500	-152770400	-15900	0.01%
	Ebb Phase	8/2/2016 15:00	-156904000	-157027000		
		8/2/2016 21:00	28795300	28682600		
		Difference	185699300	185709600	10300	0.01%
Neap Tide	Flood Phase	3/2/2016 4:00	-30908900	-31092400		
		3/2/2016 10:00	-120342000	-120402000		
		Difference	-89433100	-89309600	123500	-0.14%
	Ebb Phase	3/2/2016 11:00	-122973000	-123082000		
		3/2/2016 17:00	-9524850	-9782450		
		Difference	113448150	113299550	-148600	-0.13%
Wet season						
Spring Tide	Flood Phase	1/8/2016 19:00	35141700	34752900		
		2/8/2016 1:00	-124527000	-125106000		
		Difference	-159668700	-159858900	-190200	0.12%
	Ebb Phase	2/8/2016 2:00	-121952000	-122374000		
		2/8/2016 8:00	80316600	79755600		
		Difference	202268600	202129600	-139000	-0.07%
Neap Tide	Flood Phase	26/7/2016 1:00	67975100	67819600		
		26/7/2016 7:00	-34644100	-34846400		
		Difference	-102619200	-102666000	-46800	0.05%
	Ebb Phase	26/7/2016 8:00	-31743200	-31954600		
		26/7/2016 13:00	86820800	86541100		
		Difference	118564000	118495700	-68300	-0.06%

Changes in Accumulated Flow at Deep Bay Due to Project (Scenario B4 - Outfall Option 3)			Deep Bay			
			Accumulated Flow (m^3)			
			Baseline Scenario	Operational Scenario (Outfall 3)	Difference	Relative Difference
Dry season						
Spring Tide	Flood Phase	8/2/2016 8:00	-12491500	-12591400		
		8/2/2016 14:00	-165246000	-165351000		
		Difference	-152754500	-152759600	-5100	0.00%
	Ebb Phase	8/2/2016 15:00	-156904000	-157017000		
		8/2/2016 21:00	28795300	28674000		
		Difference	185699300	185691000	-8300	0.00%
Neap Tide	Flood Phase	3/2/2016 4:00	-30908900	-31169900		
		3/2/2016 10:00	-120342000	-120419000		
		Difference	-89433100	-89249100	184000	-0.21%
	Ebb Phase	3/2/2016 11:00	-122973000	-123090000		
		3/2/2016 17:00	-9524850	-9674160		
		Difference	113448150	113415840	-32310	-0.03%
Wet season						
Spring Tide	Flood Phase	1/8/2016 19:00	35141700	34724500		
		2/8/2016 1:00	-124527000	-124962000		
		Difference	-159668700	-159686500	-17800	0.01%
	Ebb Phase	2/8/2016 2:00	-121952000	-122413000		
		2/8/2016 8:00	80316600	79847100		
		Difference	202268600	202260100	-8500	0.00%
Neap Tide	Flood Phase	26/7/2016 1:00	67975100	67501700		
		26/7/2016 7:00	-34644100	-35313300		
		Difference	-102619200	-102815000	-195800	0.19%
	Ebb Phase	26/7/2016 8:00	-31743200	-32398700		
		26/7/2016 13:00	86820800	86288900		
		Difference	118564000	118687600	123600	0.10%

Change in Root-mean-square averaged flow speed due to Outfall 1

	DM4			
	Baseline Scenario	Operational Scenario (Outfall 1)	Difference	Relative Difference
Dry season (26/1/2016-00:00:00 to 11/2/2016-00:00:00)	0.1767	0.1767	0.0000	-0.01%
Wet season (2016/07/20-00:00:00 to 2016/08/05-00:00:00)	0.2095	0.2095	0.0000	-0.02%

	DM5			
	Baseline Scenario	Operational Scenario (Outfall 1)	Difference	Relative Difference
Dry season (26/1/2016-00:00:00 to 11/2/2016-00:00:00)	0.5123	0.5123	0.0000	0.01%
Wet season (2016/07/20-00:00:00 to 2016/08/05-00:00:00)	0.5698	0.5699	0.0000	0.01%

Change in Root-mean-square averaged flow speed due to Outfall 2

	DM4			
	Baseline Scenario	Operational Scenario (Outfall 2)	Difference	Relative Difference
Dry season (26/1/2016-00:00:00 to 11/2/2016-00:00:00)	0.1767	0.1767	0.0000	-0.01%
Wet season (2016/07/20-00:00:00 to 2016/08/05-00:00:00)	0.2095	0.2096	0.0001	0.05%

	DM5			
	Baseline Scenario	Operational Scenario (Outfall 2)	Difference	Relative Difference
Dry season (26/1/2016-00:00:00 to 11/2/2016-00:00:00)	0.5123	0.5123	0.0000	0.00%
Wet season (2016/07/20-00:00:00 to 2016/08/05-00:00:00)	0.5698	0.5699	0.0001	0.01%

Change in Root-mean-square averaged flow speed due to Outfall 3

	DM4			
	Baseline Scenario	Operational Scenario (Outfall 3)	Difference	Relative Difference
Dry season (26/1/2016-00:00:00 to 11/2/2016-00:00:00)	0.1767	0.1767	0.0000	-0.01%
Wet season (2016/07/20-00:00:00 to 2016/08/05-00:00:00)	0.2095	0.2097	0.0001	0.06%

	DM5			
	Baseline Scenario	Operational Scenario (Outfall 3)	Difference	Relative Difference
Dry season (26/1/2016-00:00:00 to 11/2/2016-00:00:00)	0.5123	0.5122	0.0000	-0.01%
Wet season (2016/07/20-00:00:00 to 2016/08/05-00:00:00)	0.5698	0.5699	0.0001	0.02%