Contract No. EP/SP/66/ Integrated Waste Manag	/12 gement Facilities, Phase 1	Keppel Seghers – Zhen Hua Joint Venture
Appendix P	Impact Monitoring Schedul Month	e of Next Reporting

Impact Monitoring Schedule for IWMF							
			Jan-22				
Sun	Mon	Tue	Wed	Thu	Fri :	Sat	
						1	
2	3	4	5	6	7	8	
	Impact Water Quality monitoring for B1, B2, B3, B4, H1, C1A, C2A, F1A, CR1, CR2, M1	Impact Night time Noise monitoring for M1, M2 & M3	Impact Water Quality monitoring for B1, B2, B3, B4, H1, C1A, C2A, F1A, CR1, CR2, M1	Impact Ecology monitoring for WBSE	Impact Water Quality monitoring for B1, B2, B3, B4, H1, C1A, C2A, F1A, CR1, CR2, M1		
	Tidal Period:		Tidal Period:	222287	Tidal Period:		
	Ebb Tide: 11:21 - 15:00 Flood Tide: 04:06 - 11:21		Ebb Tide: 13:00 - 16:20 Flood Tide: 06:00 - 13:00		Ebb Tide: 14:26 - 18:00 Flood Tide: 07:11 - 14:26		
	Monitoring Time:		Monitoring Time:		Monitoring Time:		
	Mid-ebb: 11:25 - 14:55		\$Mid-ebb: 12:55 - 16:10		Mid-ebb: 14:28 - 17:58		
	*#\$Mid-flood: 08:00 - 10:59 Daytime & Evening Noise monitoring for M1, M2 & M3		*#\$Mid-flood: 08:00 - 11:15		Mid-flood: 09:03 - 12:33		
9	10	11	12	13	14	15	
	Impact	Impact	Impact	Impact	Impact		
	Water Quality monitoring for B1, B2, B3, B4, H1, C1A, C2A, F1A, CR1, CR2, M1 Tidal Period:	Ecology monitoring for Marine Mammais by Vessel-based Line-Transect Survey	Water Quality monitoring for B1, B2, B3, B4, H1, C1A, C2A, F1A, CR1, CR2, M1 Tidal Period:	Ecology monitoring for WBSE	Water Quality monitoring for B1, B2, B3, B4, H1, C1A, C2A, F1A, CR1, CR2, M1 Tidal Period:		
	Ebb Tide: 02:00 - 09:00	Night time Noise monitoring for M1, M2 & M3	Ebb Tide: 06:00 - 10:02		Ebb Tide: 08:00 - 11:00		
	Flood Tide: 09:00 -17:00 Monitoring Time:		Flood Tide: 10:02 - 18:20 Monitoring Time:		Flood Tide: 11:00 - 19:00 Monitoring Time:		
	*#\$Mid-ebb: 08:00 - 08:39		*#\$Mid-ebb: 08:00 - 09:49		*\$Mid-ebb: 08:00 - 10:51		
	Mid-flood: 11:15 - 14:45		Mid-flood: 12:26 - 15:56		Mid-flood: 13:15 - 16:45		
	Daytime & Evening Noise monitoring for M1, M2 & M3						
16	17	18	19	20	21	22	
16	17 Impact	18 Impact	19 Impact	20 Impact	21 Impact	22	
16	Water Quality monitoring for B1, B2, B3, B4, H1, C1A, C2A, F1A, CR1, CR2, M1	18 Impact Night time Noise monitoring for M1, M2 & M3	Water Quality monitoring for B1, B2, B3, B4, H1, C1A, C2A, F1A, CR1, CR2, M1	20 Impact Ecology monitoring for WBSE	Water Quality monitoring for B1, B2, B3, B4, H1, C1A, C2A, F1A, CR1, CR2, M1	22	
16	Water Quality monitoring for B1, B2, B3, B4, H1, C1A, C2A, F1A, CR1, CR2, M1	18 Impact Night time Noise monitoring for M1, M2 & M3	Water Quality monitoring for B1, B2, B3, B4, H1, C1A, C2A, F1A, CR1, CR2, M1 Tidal Period: Ebb Tide: 11:40 - 15:00	Impact Ecology monitoring for WBSE	Water Quality monitoring for B1, B2, B3, B4, H1, C1A, C2A, F1A, CR1, CR2, M1	22	
16	Water Quality monitoring for B1, B2, B3, B4, H1, C1A, C2A, F1A, CR1, CR2, M1 Tidal Period: Ebb Tide: 10:51-13:12 Flood Tide: 13:12 - 20:33	18 Impact Night time Noise monitoring for M1, M2 & M3	Water Quality monitoring for B1, B2, B3, B4, H1, C1A, C2A, F1A, CR1, CR2, M1 Tidal Period: Ebb Tide: 11:40 - 15:00 Flood Tide: 05:00 - 11:40	20 Impact Ecology monitoring for WBSE	Water Quality monitoring for B1, B2, B3, B4, H1, C1A, C2A, F1A, CR1, CR2, M1 Tidal Period: Ebb Tide: 12-24-17-00 Flood Tide: 06-01 - 12-24	22	
16	Water Quality monitoring for B1, B2, B3, B4, H1, C1A, C2A, F1A, CR1, CR2, M1	18 Impact Night time Noise monitoring for M1, M2 & M3	Water Quality monitoring for B1, B2, B3, B4, H1, C1A, C2A, F1A, CR1, CR2, M1 Tidal Period: Ebb Tide: 11:40 - 15:00	Impact Ecology monitoring for WBSE	Water Quality monitoring for B1, B2, B3, B4, H1, C1A, C2A, F1A, CR1, CR2, M1	22	
16	Water Quality monitoring for B1, B2, B3, B4, H1, C1A, C2A, F1A, CR1, CR2, M1 Tidal Period: Ebb Tide: 10:51 - 13:12 Flood Tide: 13:12 - 20:33 Monitoring Time: \$Mid-ebb: 10:16 - 13:04 Mid-flood: 15:07 - 18:37	Impact Night time Noise monitoring for M1, M2 & M3	Water Quality monitoring for B1, B2, B3, B4, H1, C1A, C2A, F1A, CR1, CR2, M1 Tidal Period: Ebb Tide: 11:40 - 15:00 Flood Tide: 05:00 - 11:40 Monitoring Time:	Impact Ecology monitoring for WBSE	Water Quality monitoring for B1, B2, B3, B4, H1, C1A, C2A, F1A, CR1, CR2, M1 Tidal Period: Ebb Tide: 12:24 - 17:00 Flood Tide: 105:01 - 12:24 Monitoring Time:	22	
16	Water Quality monitoring for 81, B2, 83, B4, H1, C1A, C2A, F1A, CR1, CR2, M1 Tidal Period: Ebb Tide: 10:51- 13:12 Flood Tide: 13:12 - 20:33 Monitoring Time: \$Mid-ebb: 10:16- 13:04	18 Impact Night time Noise monitoring for M1, M2 & M3	Water Quality monitoring for B1, B2, B3, B4, H1, C1A, C2A, F1A, CR1, CR2, M1 Tidal Period: Ebb Tide: 11:40 - 15:00 Flood Tide: 05:00 - 11:40 Monitoring Time: Mid-ebb: 11:35 - 15:05	Impact Ecology monitoring for WBSE	Water Quality monitoring for 81, 82, 83, 84, H1, C14, C2A, F1A, CR1, CR2, M1 Tidal Period: Ebb Tide: 12:24-17:00 Flood Tide: 05:01-12:24 Monitoring Time: Mid-ebb: 12:57-16:27	22	
16	Water Quality monitoring for B1, B2, B3, B4, H1, C1A, C2A, F1A, CR1, CR2, M1 Tidal Period: Ebb Tide: 10:51 - 13:12 Flood Tide: 13:12 - 20:33 Monitoring Time: \$Mid-ebb: 10:16 - 13:04 Mid-flood: 15:07 - 18:37	18 Impact Night time Noise monitoring for M1, M2 & M3	Water Quality monitoring for B1, B2, B3, B4, H1, C1A, C2A, F1A, CR1, CR2, M1 Tidal Period: Ebb Tide: 11:40 - 15:00 Flood Tide: 05:00 - 11:40 Monitoring Time: Mid-ebb: 11:35 - 15:05	20 Impact Ecology monitoring for WBSE	Water Quality monitoring for 81, 82, 83, 84, H1, C14, C2A, F1A, CR1, CR2, M1 Tidal Period: Ebb Tide: 12:24-17:00 Flood Tide: 05:01-12:24 Monitoring Time: Mid-ebb: 12:57-16:27	22	
16	Water Quality monitoring for B1, B2, B3, B4, H1, C1A, C2A, F1A, CR1, CR2, M1 Tidal Period: Ebb Tide: 10:51 - 13:12 Flood Tide: 13:12 - 20:33 Monitoring Time: \$Mid-ebb: 10:16 - 13:04 Mid-flood: 15:07 - 18:37	18 Impact Night time Noise monitoring for M1, M2 & M3	Water Quality monitoring for B1, B2, B3, B4, H1, C1A, C2A, F1A, CR1, CR2, M1 Tidal Period: Ebb Tide: 11:40 - 15:00 Flood Tide: 05:00 - 11:40 Monitoring Time: Mid-ebb: 11:35 - 15:05	20 Impact . Ecology monitoring for WBSE	Water Quality monitoring for 81, 82, 83, 84, H1, C14, C2A, F1A, CR1, CR2, M1 Tidal Period: Ebb Tide: 12:24-17:00 Flood Tide: 05:01-12:24 Monitoring Time: Mid-ebb: 12:57-16:27		
23	Water Quality monitoring for B1, B2, B3, B4, H1, C1A, C2A, F1A, CR1, CR2, M1 Tidal Period: Ebb Tide: 10:51 - 13:12 Flood Tide: 13:12 - 20:33 Monitoring Time: \$Mid-ebb: 10:16 - 13:04 Mid-flood: 15:07 - 18:37	Night time Noise monitoring for M1, M2 & M3	Water Quality monitoring for B1, B2, B3, B4, H1, C1A, C2A, F1A, CR1, CR2, M1 Tidal Period: Ebb Tide: 11:40 - 15:00 Flood Tide: 05:00 - 11:40 Monitoring Time: Mid-ebb: 11:35 - 15:05	20 Impact Ecology monitoring for WBSE	Water Quality monitoring for 81, B2, 83, B4, H1, C14, C2A, F1A, CR1, CR2, M1 Tidal Period: Ebb Tide: 12:24 - 17:00 Flood Tide: 06:01 - 12:24 Monitoring Time: Mid-ebb: 12:57 - 16:27 *Mid-flood: 08:00 - 10:57	29	
23	Water Quality monitoring for S1, B2, B3, B4, H1, C1A, C2A, F1A, CR1, CR2, M1 Tidal Period: Ebb Tide: 10:51 - 13:12 Flood Tide: 13:12 - 20:33 Monitoring Time: \$Mid-ebb: 10:16 - 13:04 Mid-flood: 15:07 - 18:37 Daytime & Evening Noise monitoring for M1, M2 & M3	Night time Noise monitoring for M1, M2 & M3 25 Impact	Water Quality monitoring for B1, B2, B3, B4, H1, C1A, C2A, F1A, CR1, CR2, M1	Ecology monitoring for WBSE 27 Impact	Water Quality monitoring for 81, 82, 83, 84, HJ, C14, C2A, F1A, CR1, CR2, M1 Tidal Period: Ebb Tide: 12:24 - 17:00 Flood Tide: 06:01 - 12:24 Monitoring Time: Mid-ebb: 12:57 - 16:27 *Mid-flood: 08:00 - 10:57	29	
23	Water Quality monitoring for 81, B2, B3, B4, H1, C1A, C2A, F1A, CR1, CR2, M1 Tidal Period: Ebb Tide: 10:51- 13:12 Flood Tide: 13:12 - 20:33 Monitoring Time: \$MId-ebb: 10:16- 13:04 Mid-flood: 15:07 - 18:37 Daytime & Evening Noise monitoring for M1, M2 & M3	Night time Noise monitoring for M1, M2 & M3 Impact Ecology monitoring for Marine Mammals by Vessel-based Line-Transect	Water Quality monitoring for B1, B2, B3, B4, H1, C1A, C2A, F1A, CR1, CR2, M1	Ecology monitoring for WBSE 27 Impact	Water Quality monitoring for 81, 82, 83, 84, H1, C14, C2A, F1A, CR1, CR2, M1 Tidal Period: Ebb Tide: 12:24 - 17:00 Flood Tide: 06:01 - 12:24 Monitoring Time: Mid-ebb: 12:57 - 16:27 *Mid-flood: 08:00 - 10:57 28 Impact Water Quality monitoring for 81, 82, 83, 84, H1, C1A, C2A, F1A, CR1, CR2, M1	29	
23	Water Quality monitoring for S1, B2, B3, B4, H1, C1A, C2A, F1A, CR1, CR2, M1 Tidal Period: Ebb Tide: 10:51 - 13:12 Flood Tide: 13:12 - 20:33 Monitoring Time: \$Mid-ebb: 10:16 - 13:04 Mid-flood: 15:07 - 18:37 Daytime & Evening Noise monitoring for M1, M2 & M3 24 Impact Water Quality monitoring for B1, B2, B3, B4, H1, C1A, C2A, F1A, CR1, CR2, M1 Tidal Period: Ebb Tide: 14:39 - 19:21	Night time Noise monitoring for M1, M2 & M3 25 Impact	Water Quality monitoring for B1, B2, B3, B4, H1, C1A, C2A, F1A, CR1, CR2, M1	Ecology monitoring for WBSE 27 Impact	Water Quality monitoring for 81, 82, 83, 84, HJ, C14, C2A, F1A, CR1, CR2, M1 Tidal Period: Ebb Tide: 12:24 - 17:00 Flood Tide: 06:01 - 12:24 Monitoring Time: Mid-ebb: 12:57 - 16:27 *Mid-flood: 08:00 - 10:57 28 Impact Water Quality monitoring for 81, 82, 83, 84, HJ, C1A, C2A, F1A, CR1, CR2, M1 Tidal Period: Ebb Tide: 07:29 - 11:00	29	
23	Water Quality monitoring for 81, B2, 83, B4, H1, C1A, C2A, F1A, CR1, CR2, M1 Tidal Period: Ebb Tide: 10:51- 13:12 Flood Tide: 13:12 - 20:33 Monitoring Time: \$Mid-ebb: 10:16- 13:04 Mid-flood: 15:07 - 18:37 Daytime & Evening Noise monitoring for M1, M2 & M3 24 Impact Water Quality monitoring for 81, B2, B3, B4, H1, C1A, C2A, F1A, CR1, CR2, M1 Tidal Period: Ebb Tide: 14:39 - 19:21 Flood Tide: 07:37 - 14:39	Night time Noise monitoring for M1, M2 & M3 25 Ecology monitoring for Marine Mammals by Vessel-based Line-Transect Survey	Water Quality monitoring for B1, B2, B3, B4, H1, C1A, C2A, F1A, CR1, CR2, M1	Ecology monitoring for WBSE 27 Impact	Water Quality monitoring for 81, 82, 83, 84, H1, C14, C2A, F1A, CR1, CR2, M1 Tidal Period: Ebb Tide: 12:24 - 17:00 Flood Tide: 05:01 - 12:24 Monitoring Time: Mid-ebb: 12:57 - 16:27 *Mid-flood: 08:00 - 10:57 28 Impact Water Quality monitoring for 81, 82, 83, 84, H1, C1A, C2A, F1A, CR1, CR2, M1 Tidal Period: Ebb Tide: 07:29 - 11:00 Flood Tide: 11:00 - 17:36	29	
23	Water Quality monitoring for S1, B2, B3, B4, H1, C1A, C2A, F1A, CR1, CR2, M1 Tidal Period: Ebb Tide: 10:51 - 13:12 Flood Tide: 13:12 - 20:33 Monitoring Time: \$Mid-ebb: 10:16 - 13:04 Mid-flood: 15:07 - 18:37 Daytime & Evening Noise monitoring for M1, M2 & M3 24 Impact Water Quality monitoring for B1, B2, B3, B4, H1, C1A, C2A, F1A, CR1, CR2, M1 Tidal Period: Ebb Tide: 14:39 - 19:21	Night time Noise monitoring for M1, M2 & M3 25 Ecology monitoring for Marine Mammals by Vessel-based Line-Transect Survey	Water Quality monitoring for B1, B2, B3, B4, H1, C1A, C2A, F1A, CR1, CR2, M1	Ecology monitoring for WBSE 27 Impact	Water Quality monitoring for 81, 82, 83, 84, HJ, C14, C2A, F1A, CR1, CR2, M1 Tidal Period: Ebb Tide: 12:24 - 17:00 Flood Tide: 06:01 - 12:24 Monitoring Time: Mid-ebb: 12:57 - 16:27 *Mid-flood: 08:00 - 10:57 28 Impact Water Quality monitoring for 81, 82, 83, 84, HJ, C1A, C2A, F1A, CR1, CR2, M1 Tidal Period: Ebb Tide: 07:29 - 11:00	29	
23	Water Quality monitoring for S1, B2, B3, B4, H1, C1A, C2A, F1A, CR1, CR2, M1 Tidal Period: Ebb Tide: 10:51- 13:12 Flood Tide: 13:12 - 20:33 Monitoring Time: \$Mid-ebb: 10:16- 13:04 Mid-flood: 15:07 - 18:37 Daytime & Evening Noise monitoring for M1, M2 & M3 24 Impact Water Quality monitoring for B1, B2, B3, B4, H1, C1A, C2A, F1A, CR1, CR2, M1 Tidal Period: Ebb Tide: 14:39-19:21 Flood Tide: 07:37-14:39 Monitoring Time: Mid-ebb: 15:15- 18:45 Mid-flood: 09:23- 12:53	Night time Noise monitoring for M1, M2 & M3 25 Ecology monitoring for Marine Mammals by Vessel-based Line-Transect Survey	Water Quality monitoring for B1, B2, B3, B4, H1, C1A, C2A, F1A, CR1, CR2, M1	Ecology monitoring for WBSE 27 Impact	Water Quality monitoring for \$1, 82, 83, 84, HJ, C1A, C2A, F1A, CR1, CR2, M1 Tidal Period: Ebb Tide: 12:24-17:00 Flood Tide: 06:01-12:24 Monitoring Time: Mid-ebb: 12:57-16:27 *Mid-flood: 08:00-10:57 28 Impact Water Quality monitoring for \$1, 82, 83, 84, HJ, C1A, C2A, F1A, CR1, CR2, M1 Tidal Period: Ebb Tide: 07:29-11:00 Flood Tide: 11:00-17:36 Monitoring Time:	29	
23	Water Quality monitoring for 81, B2, 83, B4, H1, C1A, C2A, F1A, CR1, CR2, M1 Tidal Period: Ebb Tide: 10:51 - 13:12 Flood Tide: 13:12 - 20:33 Monitoring Time: \$Mid-ebb: 10:16 - 13:04 Mid-flood: 15:07 - 18:37 Daytime & Evening Noise monitoring for M1, M2 & M3 24 Impact Water Quality monitoring for B1, B2, B3, B4, H1, C1A, C2A, F1A, CR1, CR2, M1 Tidal Period: Ebb Tide: 14:39 - 19:21 Flood Tide: 07:37 - 14:39 Monitoring Time: Mid-ebb: 15:15 - 18:45	Night time Noise monitoring for M1, M2 & M3 25 Ecology monitoring for Marine Mammals by Vessel-based Line-Transect Survey	Water Quality monitoring for B1, B2, B3, B4, H1, C1A, C2A, F1A, CR1, CR2, M1	Ecology monitoring for WBSE 27 Impact	Water Quality monitoring for 81, 82, 83, 84, HJ, C14, C2A, F1A, CR1, CR2, M1 Tidal Period: Ebb Tide: 12:24 - 17:00 Flood Tide: 06:01 - 12:24 Monitoring Time: Mid-ebb: 12:57 - 16:27 *Mid-flood: 08:00 - 10:57 28 Impact Water Quality monitoring for 81, 82, 83, 84, HJ, C1A, C2A, F1A, CR1, CR2, M1 Tidal Period: Ebb Tide: 07:29 - 11:00 Flood Tide: 11:00 - 17:36 Monitoring Time: *Mid-ebb: 08:00 - 10:59	29	
23	Water Quality monitoring for S1, B2, B3, B4, H1, C1A, C2A, F1A, CR1, CR2, M1 Tidal Period: Ebb Tide: 10:51- 13:12 Flood Tide: 13:12 - 20:33 Monitoring Time: \$Mid-ebb: 10:16- 13:04 Mid-flood: 15:07 - 18:37 Daytime & Evening Noise monitoring for M1, M2 & M3 24 Impact Water Quality monitoring for B1, B2, B3, B4, H1, C1A, C2A, F1A, CR1, CR2, M1 Tidal Period: Ebb Tide: 14:39-19:21 Flood Tide: 07:37-14:39 Monitoring Time: Mid-ebb: 15:15- 18:45 Mid-flood: 09:23- 12:53	Night time Noise monitoring for M1, M2 & M3 25 Ecology monitoring for Marine Mammals by Vessel-based Line-Transect Survey	Water Quality monitoring for B1, B2, B3, B4, H1, C1A, C2A, F1A, CR1, CR2, M1	Ecology monitoring for WBSE 27 Impact	Water Quality monitoring for 81, 82, 83, 84, HJ, C14, C2A, F1A, CR1, CR2, M1 Tidal Period: Ebb Tide: 12:24 - 17:00 Flood Tide: 06:01 - 12:24 Monitoring Time: Mid-ebb: 12:57 - 16:27 *Mid-flood: 08:00 - 10:57 28 Impact Water Quality monitoring for 81, 82, 83, 84, HJ, C1A, C2A, F1A, CR1, CR2, M1 Tidal Period: Ebb Tide: 07:29 - 11:00 Flood Tide: 11:00 - 17:36 Monitoring Time: *Mid-ebb: 08:00 - 10:59	29	
23	Water Quality monitoring for S1, B2, B3, B4, H1, C1A, C2A, F1A, CR1, CR2, M1 Tidal Period: Ebb Tide: 10:51- 13:12 Flood Tide: 13:12 - 20:33 Monitoring Time: \$Mid-ebb: 10:16- 13:04 Mid-flood: 15:07 - 18:37 Daytime & Evening Noise monitoring for M1, M2 & M3 24 Impact Water Quality monitoring for B1, B2, B3, B4, H1, C1A, C2A, F1A, CR1, CR2, M1 Tidal Period: Ebb Tide: 14:39-19:21 Flood Tide: 07:37-14:39 Monitoring Time: Mid-ebb: 15:15- 18:45 Mid-flood: 09:23- 12:53	Night time Noise monitoring for M1, M2 & M3 25 Ecology monitoring for Marine Mammals by Vessel-based Line-Transect Survey	Water Quality monitoring for B1, B2, B3, B4, H1, C1A, C2A, F1A, CR1, CR2, M1	Ecology monitoring for WBSE 27 Impact	Water Quality monitoring for 81, 82, 83, 84, HJ, C14, C2A, F1A, CR1, CR2, M1 Tidal Period: Ebb Tide: 12:24 - 17:00 Flood Tide: 06:01 - 12:24 Monitoring Time: Mid-ebb: 12:57 - 16:27 *Mid-flood: 08:00 - 10:57 28 Impact Water Quality monitoring for 81, 82, 83, 84, HJ, C1A, C2A, F1A, CR1, CR2, M1 Tidal Period: Ebb Tide: 07:29 - 11:00 Flood Tide: 11:00 - 17:36 Monitoring Time: *Mid-ebb: 08:00 - 10:59	29	
23	Water Quality monitoring for S1, B2, B3, B4, H1, C1A, C2A, F1A, CR1, CR2, M1 Tidal Period: Ebb Tide: 10:51- 13:12 Flood Tide: 13:12 - 20:33 Monitoring Time: \$Mid-ebb: 10:16- 13:04 Mid-flood: 15:07 - 18:37 Daytime & Evening Noise monitoring for M1, M2 & M3 24 Impact Water Quality monitoring for B1, B2, B3, B4, H1, C1A, C2A, F1A, CR1, CR2, M1 Tidal Period: Ebb Tide: 14:39-19:21 Flood Tide: 07:37-14:39 Monitoring Time: Mid-ebb: 15:15- 18:45 Mid-flood: 09:23- 12:53	Night time Noise monitoring for M1, M2 & M3 25 Ecology monitoring for Marine Mammals by Vessel-based Line-Transect Survey	Water Quality monitoring for B1, B2, B3, B4, H1, C1A, C2A, F1A, CR1, CR2, M1	Ecology monitoring for WBSE 27 Impact	Water Quality monitoring for 81, 82, 83, 84, HJ, C14, C2A, F1A, CR1, CR2, M1 Tidal Period: Ebb Tide: 12:24 - 17:00 Flood Tide: 06:01 - 12:24 Monitoring Time: Mid-ebb: 12:57 - 16:27 *Mid-flood: 08:00 - 10:57 28 Impact Water Quality monitoring for 81, 82, 83, 84, HJ, C1A, C2A, F1A, CR1, CR2, M1 Tidal Period: Ebb Tide: 07:29 - 11:00 Flood Tide: 11:00 - 17:36 Monitoring Time: *Mid-ebb: 08:00 - 10:59	29	
23 23 30 Impact	Water Quality monitoring for \$1, Bz, 83, B4, HJ, C1A, C2A, F1A, CR1, CR2, M1 Tidal Period: Ebb Tide: 10:51 - 13:12 Flood Tide: 13:12 - 20:33 Monitoring Time: \$Mid-ebb: 10:16 - 13:04 Mid-flood: 15:07 - 18:37 Daytime & Evening Noise monitoring for M1, M2 & M3 24 Impact Water Quality monitoring for \$1, Bz, 83, B4, HJ, C1A, C2A, F1A, CR1, CR2, M1 Tidal Period: Ebb Tide: 14:39 - 19:21 Flood Tide: 07:37 - 14:39 Monitoring Time: Mid-ebb: 15:15 - 18:45 Mid-flood: 09:23 - 12:53 Daytime & Evening Noise monitoring for M1, M2 & M3	Night time Noise monitoring for M1, M2 & M3 25 Ecology monitoring for Marine Mammals by Vessel-based Line-Transect Survey	Water Quality monitoring for B1, B2, B3, B4, H1, C1A, C2A, F1A, CR1, CR2, M1	Ecology monitoring for WBSE 27 Impact	Water Quality monitoring for 81, 82, 83, 84, HJ, C14, C2A, F1A, CR1, CR2, M1 Tidal Period: Ebb Tide: 12:24 - 17:00 Flood Tide: 06:01 - 12:24 Monitoring Time: Mid-ebb: 12:57 - 16:27 *Mid-flood: 08:00 - 10:57 28 Impact Water Quality monitoring for 81, 82, 83, 84, HJ, C1A, C2A, F1A, CR1, CR2, M1 Tidal Period: Ebb Tide: 07:29 - 11:00 Flood Tide: 11:00 - 17:36 Monitoring Time: *Mid-ebb: 08:00 - 10:59	29	
Water Quality monitoring for B1, B2, B3, B4, H1, C1A, C2A, F1A, CR1, CR2,	Water Quality monitoring for S1, B2, B3, B4, H1, C1A, C2A, F1A, CR1, CR2, M1 Tidal Period: Ebb Tide: 10:51 - 13:12 Flood Tide: 13:12 - 20:33 Monitoring Time: \$Mid-ebb: 10:16 - 13:04 Mid-flood: 15:07 - 18:37 Daytime & Evening Noise monitoring for M1, M2 & M3 24 Impact Water Quality monitoring for 81, B2, B3, B4, H1, C1A, C2A, F1A, CR1, CR2, M1 Tidal Period: Ebb Tide: 14:39 - 19:21 Flood Tide: 07:37 - 14:39 Monitoring Time: Mid-ebb: 15:15 - 18:45 Mid-flood: 09:23 - 12:53 Daytime & Evening Noise monitoring for M1, M2 & M3	Night time Noise monitoring for M1, M2 & M3 25 Ecology monitoring for Marine Mammals by Vessel-based Line-Transect Survey	Water Quality monitoring for B1, B2, B3, B4, H1, C1A, C2A, F1A, CR1, CR2, M1	Ecology monitoring for WBSE 27 Impact	Water Quality monitoring for 81, 82, 83, 84, HJ, C14, C2A, F1A, CR1, CR2, M1 Tidal Period: Ebb Tide: 12:24 - 17:00 Flood Tide: 06:01 - 12:24 Monitoring Time: Mid-ebb: 12:57 - 16:27 *Mid-flood: 08:00 - 10:57 28 Impact Water Quality monitoring for 81, 82, 83, 84, HJ, C1A, C2A, F1A, CR1, CR2, M1 Tidal Period: Ebb Tide: 07:29 - 11:00 Flood Tide: 11:00 - 17:36 Monitoring Time: *Mid-ebb: 08:00 - 10:59	29	
Water Quality monitoring for B1, B2, B3, B4, H1, C1A, C2A, F1A, CR1, CR2, M1 Tidal Period:	Water Quality monitoring for \$1, Bz, 83, B4, HJ, C1A, C2A, F1A, CR1, CR2, M1 Tidal Period: Ebb Tide: 10:51 - 13:12 Flood Tide: 13:12 - 20:33 Monitoring Time: \$Mid-ebb: 10:16 - 13:04 Mid-flood: 15:07 - 18:37 Daytime & Evening Noise monitoring for M1, M2 & M3 24 Impact Water Quality monitoring for \$1, Bz, 83, B4, HJ, C1A, C2A, F1A, CR1, CR2, M1 Tidal Period: Ebb Tide: 14:39 - 19:21 Flood Tide: 07:37 - 14:39 Monitoring Time: Mid-ebb: 15:15 - 18:45 Mid-flood: 09:23 - 12:53 Daytime & Evening Noise monitoring for M1, M2 & M3	Night time Noise monitoring for M1, M2 & M3 25 Ecology monitoring for Marine Mammals by Vessel-based Line-Transect Survey	Water Quality monitoring for B1, B2, B3, B4, H1, C1A, C2A, F1A, CR1, CR2, M1	Ecology monitoring for WBSE 27 Impact	Water Quality monitoring for 81, 82, 83, 84, HJ, C14, C2A, F1A, CR1, CR2, M1 Tidal Period: Ebb Tide: 12:24 - 17:00 Flood Tide: 06:01 - 12:24 Monitoring Time: Mid-ebb: 12:57 - 16:27 *Mid-flood: 08:00 - 10:57 28 Impact Water Quality monitoring for 81, 82, 83, 84, HJ, C1A, C2A, F1A, CR1, CR2, M1 Tidal Period: Ebb Tide: 07:29 - 11:00 Flood Tide: 11:00 - 17:36 Monitoring Time: *Mid-ebb: 08:00 - 10:59	29	
Water Quality monitoring for B1, B2, B3, B4, H1, C1A, C2A, F1A, CR1, CR2, M1 Tidal Period: Ebb Tide: 09-48 - 12:44	Water Quality monitoring for \$1, Bz, 83, B4, HJ, C1A, C2A, F1A, CR1, CR2, M1 Tidal Period: Ebb Tide: 10:51 - 13:12 Flood Tide: 13:12 - 20:33 Monitoring Time: \$Mid-ebb: 10:16 - 13:04 Mid-flood: 15:07 - 18:37 Daytime & Evening Noise monitoring for M1, M2 & M3 24 Impact Water Quality monitoring for \$1, Bz, 83, B4, HJ, C1A, C2A, F1A, CR1, CR2, M1 Tidal Period: Ebb Tide: 14:39 - 19:21 Flood Tide: 07:37 - 14:39 Monitoring Time: Mid-ebb: 15:15 - 18:45 Mid-flood: 09:23 - 12:53 Daytime & Evening Noise monitoring for M1, M2 & M3	Night time Noise monitoring for M1, M2 & M3 25 Ecology monitoring for Marine Mammals by Vessel-based Line-Transect Survey	Water Quality monitoring for B1, B2, B3, B4, H1, C1A, C2A, F1A, CR1, CR2, M1	Ecology monitoring for WBSE 27 Impact	Water Quality monitoring for 81, 82, 83, 84, HJ, C14, C2A, F1A, CR1, CR2, M1 Tidal Period: Ebb Tide: 12:24 - 17:00 Flood Tide: 06:01 - 12:24 Monitoring Time: Mid-ebb: 12:57 - 16:27 *Mid-flood: 08:00 - 10:57 28 Impact Water Quality monitoring for 81, 82, 83, 84, HJ, C1A, C2A, F1A, CR1, CR2, M1 Tidal Period: Ebb Tide: 07:29 - 11:00 Flood Tide: 11:00 - 17:36 Monitoring Time: *Mid-ebb: 08:00 - 10:59	29	
Water Quality monitoring for B1, B2, B3, B4, H1, C1A, C2A, F1A, CR1, CR2, M1 Tidal Period: Ebb Tide: 09:48 - 12:44 Flood Tide: 12:44 - 19:19	Water Quality monitoring for \$1, Bz, 83, B4, HJ, C1A, C2A, F1A, CR1, CR2, M1 Tidal Period: Ebb Tide: 10:51 - 13:12 Flood Tide: 13:12 - 20:33 Monitoring Time: \$Mid-ebb: 10:16 - 13:04 Mid-flood: 15:07 - 18:37 Daytime & Evening Noise monitoring for M1, M2 & M3 24 Impact Water Quality monitoring for \$1, Bz, 83, B4, HJ, C1A, C2A, F1A, CR1, CR2, M1 Tidal Period: Ebb Tide: 14:39 - 19:21 Flood Tide: 07:37 - 14:39 Monitoring Time: Mid-ebb: 15:15 - 18:45 Mid-flood: 09:23 - 12:53 Daytime & Evening Noise monitoring for M1, M2 & M3	Night time Noise monitoring for M1, M2 & M3 25 Ecology monitoring for Marine Mammals by Vessel-based Line-Transect Survey	Water Quality monitoring for B1, B2, B3, B4, H1, C1A, C2A, F1A, CR1, CR2, M1	Ecology monitoring for WBSE 27 Impact	Water Quality monitoring for 81, 82, 83, 84, HJ, C14, C2A, F1A, CR1, CR2, M1 Tidal Period: Ebb Tide: 12:24 - 17:00 Flood Tide: 06:01 - 12:24 Monitoring Time: Mid-ebb: 12:57 - 16:27 *Mid-flood: 08:00 - 10:57 28 Impact Water Quality monitoring for 81, 82, 83, 84, HJ, C1A, C2A, F1A, CR1, CR2, M1 Tidal Period: Ebb Tide: 07:29 - 11:00 Flood Tide: 11:00 - 17:36 Monitoring Time: *Mid-ebb: 08:00 - 10:59	29	
Water Quality monitoring for B1, B2, B3, B4, H1, C1A, C2A, F1A, CR1, CR2, M1 Tidal Period: Ebb Tide: 09:48 - 12:44 Flood Tide: 12:44 - 19:19 Monitoring Time: \$Mid-ebb: 09:56 - 12:35	Water Quality monitoring for \$1, Bz, 83, B4, HJ, C1A, C2A, F1A, CR1, CR2, M1 Tidal Period: Ebb Tide: 10:51 - 13:12 Flood Tide: 13:12 - 20:33 Monitoring Time: \$Mid-ebb: 10:16 - 13:04 Mid-flood: 15:07 - 18:37 Daytime & Evening Noise monitoring for M1, M2 & M3 24 Impact Water Quality monitoring for \$1, Bz, 83, B4, HJ, C1A, C2A, F1A, CR1, CR2, M1 Tidal Period: Ebb Tide: 14:39 - 19:21 Flood Tide: 07:37 - 14:39 Monitoring Time: Mid-ebb: 15:15 - 18:45 Mid-flood: 09:23 - 12:53 Daytime & Evening Noise monitoring for M1, M2 & M3	Night time Noise monitoring for M1, M2 & M3 25 Ecology monitoring for Marine Mammals by Vessel-based Line-Transect Survey	Water Quality monitoring for B1, B2, B3, B4, H1, C1A, C2A, F1A, CR1, CR2, M1	Ecology monitoring for WBSE 27 Impact	Water Quality monitoring for 81, 82, 83, 84, HJ, C14, C2A, F1A, CR1, CR2, M1 Tidal Period: Ebb Tide: 12:24 - 17:00 Flood Tide: 06:01 - 12:24 Monitoring Time: Mid-ebb: 12:57 - 16:27 *Mid-flood: 08:00 - 10:57 28 Impact Water Quality monitoring for 81, 82, 83, 84, HJ, C1A, C2A, F1A, CR1, CR2, M1 Tidal Period: Ebb Tide: 07:29 - 11:00 Flood Tide: 11:00 - 17:36 Monitoring Time: *Mid-ebb: 08:00 - 10:59	29	
Water Quality monitoring for B1, B2, B3, B4, H1, C1A, C2A, F1A, CR1, CR2, M1 Tidal Period: Ebb Tide: 09:48 - 12:44 Flood Tide: 12:44 - 19:19 Monitoring Time:	Water Quality monitoring for \$1, Bz, 83, B4, HJ, C1A, C2A, F1A, CR1, CR2, M1 Tidal Period: Ebb Tide: 10:51 - 13:12 Flood Tide: 13:12 - 20:33 Monitoring Time: \$Mid-ebb: 10:16 - 13:04 Mid-flood: 15:07 - 18:37 Daytime & Evening Noise monitoring for M1, M2 & M3 24 Impact Water Quality monitoring for \$1, Bz, 83, B4, HJ, C1A, C2A, F1A, CR1, CR2, M1 Tidal Period: Ebb Tide: 14:39 - 19:21 Flood Tide: 07:37 - 14:39 Monitoring Time: Mid-ebb: 15:15 - 18:45 Mid-flood: 09:23 - 12:53 Daytime & Evening Noise monitoring for M1, M2 & M3	Night time Noise monitoring for M1, M2 & M3 25 Ecology monitoring for Marine Mammals by Vessel-based Line-Transect Survey	Water Quality monitoring for B1, B2, B3, B4, H1, C1A, C2A, F1A, CR1, CR2, M1	Ecology monitoring for WBSE 27 Impact	Water Quality monitoring for 81, 82, 83, 84, HJ, C14, C2A, F1A, CR1, CR2, M1 Tidal Period: Ebb Tide: 12:24 - 17:00 Flood Tide: 06:01 - 12:24 Monitoring Time: Mid-ebb: 12:57 - 16:27 *Mid-flood: 08:00 - 10:57 28 Impact Water Quality monitoring for 81, 82, 83, 84, HJ, C1A, C2A, F1A, CR1, CR2, M1 Tidal Period: Ebb Tide: 07:29 - 11:00 Flood Tide: 11:00 - 17:36 Monitoring Time: *Mid-ebb: 08:00 - 10:59	29	
Water Quality monitoring for B1, B2, B3, B4, H1, C1A, C2A, F1A, CR1, CR2, M1 Tidal Period: Ebb Tide: 09:48 - 12:44 Flood Tide: 12:44 - 19:19 Monitoring Time: \$Mid-ebb: 09:56 - 12:35	Water Quality monitoring for \$1, Bz, 83, B4, HJ, C1A, C2A, F1A, CR1, CR2, M1 Tidal Period: Ebb Tide: 10:51 - 13:12 Flood Tide: 13:12 - 20:33 Monitoring Time: \$Mid-ebb: 10:16 - 13:04 Mid-flood: 15:07 - 18:37 Daytime & Evening Noise monitoring for M1, M2 & M3 24 Impact Water Quality monitoring for \$1, Bz, 83, B4, HJ, C1A, C2A, F1A, CR1, CR2, M1 Tidal Period: Ebb Tide: 14:39 - 19:21 Flood Tide: 07:37 - 14:39 Monitoring Time: Mid-ebb: 15:15 - 18:45 Mid-flood: 09:23 - 12:53 Daytime & Evening Noise monitoring for M1, M2 & M3	Night time Noise monitoring for M1, M2 & M3 25 Ecology monitoring for Marine Mammals by Vessel-based Line-Transect Survey	Water Quality monitoring for B1, B2, B3, B4, H1, C1A, C2A, F1A, CR1, CR2, M1	Ecology monitoring for WBSE 27 Impact	Water Quality monitoring for 81, 82, 83, 84, HJ, C14, C2A, F1A, CR1, CR2, M1 Tidal Period: Ebb Tide: 12:24 - 17:00 Flood Tide: 06:01 - 12:24 Monitoring Time: Mid-ebb: 12:57 - 16:27 *Mid-flood: 08:00 - 10:57 28 Impact Water Quality monitoring for 81, 82, 83, 84, HJ, C1A, C2A, F1A, CR1, CR2, M1 Tidal Period: Ebb Tide: 07:29 - 11:00 Flood Tide: 11:00 - 17:36 Monitoring Time: *Mid-ebb: 08:00 - 10:59	29	
Water Quality monitoring for B1, B2, B3, B4, H1, C1A, C2A, F1A, CR1, CR2, M1 Tidal Period: Ebb Tide: 09:48 - 12:44 Flood Tide: 12:44 - 19:19 Monitoring Time: SMId-ebb: 09:56 - 12:35	Water Quality monitoring for \$1, Bz, 83, B4, HJ, C1A, C2A, F1A, CR1, CR2, M1 Tidal Period: Ebb Tide: 10:51 - 13:12 Flood Tide: 13:12 - 20:33 Monitoring Time: \$Mid-ebb: 10:16 - 13:04 Mid-flood: 15:07 - 18:37 Daytime & Evening Noise monitoring for M1, M2 & M3 24 Impact Water Quality monitoring for \$1, Bz, 83, B4, HJ, C1A, C2A, F1A, CR1, CR2, M1 Tidal Period: Ebb Tide: 14:39 - 19:21 Flood Tide: 07:37 - 14:39 Monitoring Time: Mid-ebb: 15:15 - 18:45 Mid-flood: 09:23 - 12:53 Daytime & Evening Noise monitoring for M1, M2 & M3	Night time Noise monitoring for M1, M2 & M3 25 Ecology monitoring for Marine Mammals by Vessel-based Line-Transect Survey	Water Quality monitoring for B1, B2, B3, B4, H1, C1A, C2A, F1A, CR1, CR2, M1	Ecology monitoring for WBSE 27 Impact	Water Quality monitoring for 81, 82, 83, 84, HJ, C14, C2A, F1A, CR1, CR2, M1 Tidal Period: Ebb Tide: 12:24 - 17:00 Flood Tide: 06:01 - 12:24 Monitoring Time: Mid-ebb: 12:57 - 16:27 *Mid-flood: 08:00 - 10:57 28 Impact Water Quality monitoring for 81, 82, 83, 84, HJ, C1A, C2A, F1A, CR1, CR2, M1 Tidal Period: Ebb Tide: 07:29 - 11:00 Flood Tide: 11:00 - 17:36 Monitoring Time: *Mid-ebb: 08:00 - 10:59	29	
Water Quality monitoring for B1, B2, B3, B4, H1, C1A, C2A, F1A, CR1, CR2, M1 Tidal Period: Ebb Tide: 09:48 - 12:44 Flood Tide: 12:44 - 19:19 Monitoring Time: SMid-ebb: 09:56 - 12:35	Water Quality monitoring for \$1, Bz, 83, B4, HJ, C1A, C2A, F1A, CR1, CR2, M1 Tidal Period: Ebb Tide: 10:51 - 13:12 Flood Tide: 13:12 - 20:33 Monitoring Time: \$Mid-ebb: 10:16 - 13:04 Mid-flood: 15:07 - 18:37 Daytime & Evening Noise monitoring for M1, M2 & M3 24 Impact Water Quality monitoring for \$1, Bz, 83, B4, HJ, C1A, C2A, F1A, CR1, CR2, M1 Tidal Period: Ebb Tide: 14:39 - 19:21 Flood Tide: 07:37 - 14:39 Monitoring Time: Mid-ebb: 15:15 - 18:45 Mid-flood: 09:23 - 12:53 Daytime & Evening Noise monitoring for M1, M2 & M3	Night time Noise monitoring for M1, M2 & M3 25 Ecology monitoring for Marine Mammals by Vessel-based Line-Transect Survey	Water Quality monitoring for B1, B2, B3, B4, H1, C1A, C2A, F1A, CR1, CR2, M1	Ecology monitoring for WBSE 27 Impact	Water Quality monitoring for 81, 82, 83, 84, HJ, C14, C2A, F1A, CR1, CR2, M1 Tidal Period: Ebb Tide: 12:24 - 17:00 Flood Tide: 06:01 - 12:24 Monitoring Time: Mid-ebb: 12:57 - 16:27 *Mid-flood: 08:00 - 10:57 28 Impact Water Quality monitoring for 81, 82, 83, 84, HJ, C1A, C2A, F1A, CR1, CR2, M1 Tidal Period: Ebb Tide: 07:29 - 11:00 Flood Tide: 11:00 - 17:36 Monitoring Time: *Mid-ebb: 08:00 - 10:59	29	

Remarks:

1. Daytime Noise Monitoring (07:00-1900), Evening Time Noise Monitoring (1900-2300), Night Time Noise Monitoring (2300-0700)

2. Water Quality Monitoring for S1,52 and S3 will only conduct during DCM works, refer to Detailed DCM Plan

Note:

* as per Marine Department Notice No 107 of 2018, all vessels employed for the works should stay in the works area outside the hours of works (0700 to 2300). Due to safty concern, Water Quality Monitoring would start at 0800.

- Prioritized routing: Mid-Ebb: C1->S3->CR2->CR1->H1->Remaining stations and Mid-Flood: C2->CR1->S3->CR2->H1->Remaining stations

\$ - Since predicted tide is shorter than 3.5 hours, method of 90% tidal period as monitoring time is approached.

& - Due to safety concern for sampling event in night-time, method of 90% tidal period as monitoring time is approached.