Contract No. EP/SP/66 Integrated Waste Mana	5/12 gement Facilities, Phase 1	Keppel Seghers – Zhen Hua Joint Venture
Appendix C	Impact Monitoring Sche	dule of the Reporting
ripperializ e	Month	adic of the neporting

			Impact Monitoring Schedule for IWMF			
			Nov-22			
	Mon	Tue	Wed	Thu	Fri S	t
		1	2	3	4 5	
			Impact%	Impact	Impact	
			Water Quality monitoring for B1, B2, B3, B4, H1, C1A, C2A, F1A, CR1, CR2, M1	Daytime & Evening Noise monitoring for M1, M2 & M3	Water Quality monitoring for B1, B2, B3, B4, H1, C1A, C2A, F1A, CR1, CR2, M1	
			Tidal Period:		Tidal Period:	
			Ebb Tide: 02:19 - 11:00		Ebb Tide: 05:39 - 12:39	
			Flood Tide: 11:00 - 19:00		Flood Tide: 12:39 - 19:55	
			Monitoring Time:		Monitoring Time:	
			*#\$Mid-ebb: 08:00 - 10:33		*Mid-ebb: 08:00 - 10:54	
			Mid-flood: 13:15 - 16:45		Mid-flood: 14:32 - 18:02	
					Night time Noise monitoring for M1, M2 & M3	
	7	8	9	10	11 1	!
	Impact		Impact	Impact	Impact	
	Water Quality monitoring for B1, B2, B3, B4, H1, C1A, C2A, F1A, CR1, CR2, M1		Water Quality monitoring for B1, B2, B3, B4, H1, C1A, C2A, F1A, CR1, CR2, M1	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:			Ecology monitoring for Marine Mammals by Vessel-based Line-Transect Survey	Tidal Period:	
	Ebb Tide: 08:42 - 14:18		Ebb Tide: 10:21 - 15:10	,	Ebb Tide: 11:56 - 16:00	
	Flood Tide: 14:18 - 21:00		Flood Tide: 15:10 - 21:32		Flood Tide: 05:00 - 11:56	
	Monitoring Time:		Monitoring Time:		Monitoring Time:	
	Mid-ebb: 09:45 - 13:15		Mid-ebb: 11:00 - 14:30		Mid-ebb: 12:13 - 15:43	
	&Mid-flood: 15:54 - 19:00	(\$Mid-flood: 08:05-11:35	
	&iviid-ii00d: 15:54 - 19:00		#\$&Mid-flood: 15:29 - 18:59		ŞIVIIU-11000: 08:05-11:35	
			Daytime & Evening Noise monitoring for M1, M2 & M3			
	14	15	16	17	18 1	
Impact	Impact	Impact	Impact		Impact	
ality monitoring for B1, B2, B3, B4, H1, C1A, C2A, F1A, CR1, CR2, M1	Daytime & Evening Noise monitoring for M1, M2 & M3	Night time Noise monitoring for M1, M2 & M3	Water Quality monitoring for B1, B2, B3, B4, H1, C1A, C2A, F1A, CR1, CR2, M1		Water Quality monitoring for B1, B2, B3, B4, H1, C1A, C2A, F1A, CR1, CR2, M1	
Tidal Period:			Tidal Period:		Tidal Period:	
Ebb Tide: 14:00 - 16:00			Ebb Tide: 00:00 - 09:35		Ebb Tide: 04:00 - 11:24	
Flood Tide: 07:00 - 14:00	((Flood Tide: 09:35 - 23:59		Flood Tide: 11:24 - 19:21	
Monitoring Time:	((Monitoring Time:		Monitoring Time:	
#\$Mid-ebb: 14:06 - 15:54			*#\$Mid-ebb: 08:00 - 09:06		*#\$Mid-ebb: 08:00 - 11:01	
Mid-flood: 08:45 - 12:15	((Mid-flood: 15:02 - 18:32		Mid-flood: 13:37 - 17:07	
1110 11000. 00.45 12.15			1110 11000. 13102 10132		Wild Hood: 25:57 17:07	
	24		22			
	ZI Invest	largest largest	Invest	24	25 2	
	Impact	Impact	Impact Control of Cont	Impact	Impact 2	
	Water Quality monitoring for B1, B2, B3, B4, H1, C1A, C2A, F1A, CR1, CR2, M1	Impact Night time Noise monitoring for M1, M2 & M3	Water Quality monitoring for B1, B2, B3, B4, H1, C1A, C2A, F1A, CR1, CR2, M1	Impact Ecology monitoring for WBSE	Water Quality monitoring for B1, B2, B3, B4, H1, C1A, C2A, F1A, CR1, CR2, M1	
	Water Quality monitoring for B1, B2, B3, B4, H1, C1A, C2A, F1A, CR1, CR2, M1 Tidal Period:	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:	Impact Ecology monitoring for WBSE	Water Quality monitoring for B1, B2, B3, B4, H1, C1A, C2A, F1A, CR1, CR2, M1 Tidal Period:	
	Water Quality monitoring for B1, B2, B3, B4, H1, C1A, C2A, F1A, CR1, CR2, M1	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: 09:26 - 14:13	Impact Ecology monitoring for WBSE	Water Quality monitoring for B1, B2, B3, B4, H1, C1A, C2A, F1A, CR1, CR2, M1 Tidal Period: Ebb Tide: 11:23 - 15:13	
	Water Quality monitoring for B1, B2, B3, B4, H1, C1A, C2A, F1A, CR1, CR2, M1 Tidal Period: Ebb Tide: 07:24 - 13:10 Flood Tide: 13:10 - 19:34	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: 09:26 - 14:13 Flood Tide: 14:13 - 20:22	Impact Ecology monitoring for WBSE	Water Quality monitoring for B1, B2, B3, B4, H1, C1A, C2A, F1A, CR1, CR2, M1 Tidal Period: Ebb Tide: 11:23 - 15:13 Flood Tide: 04:14 - 11:23	
	Water Quality monitoring for \$1, 82, 83, 84, H1, C1A, C2A, F1A, CR1, CR2, M1 Tidal Period: Ebb Tide: 07:24 - 13:10 Flood Tide: 13:10 - 19:34 Monitoring Time:	Impact Night time Noise monitoring for M1, M2 & M3	Water Quality monitoring for \$1, 82, 83, 84, H1, C1A, C2A, F1A, CR1, CR2, M1 Tidal Period: Ebb Tide: 09:26 - 14:13 Flood Tide: 14:13 - 20:22 Monitoring Time:	Impact Ecology monitoring for WBSE	Water Quality monitoring for 81, 82, 83, 84, H1, C1A, C2A, F1A, CR1, CR2, M1 Tidal Period: Ebb Tide: 11:23 - 15:13 Flood Tide: 04:14 - 11:23 Monitoring Time:	
	Water Quality monitoring for B1, B2, B3, B4, H1, C1A, C2A, F1A, CR1, CR2, M1 Tidal Period: Ebb Tide: 07:24 - 13:10 Flood Tide: 13:10 - 19:34 Monitoring Time: Mid-ebb: 08:32 - 12:02	Impact Night time Noise monitoring for M1, M2 & M3	Water Quality monitoring for 81, 82, 83, 84, H1, C1A, C2A, F1A, CR1, CR2, M1 Tidal Period: Ebb Tide: 09:26-14:13 Flood Tide: 14:13 - 20:22 Monitoring Time: Mid-ebb: 10:04 - 13:34	Impact Ecology monitoring for WBSE	Water Quality monitoring for B1, B2, B3, B4, H1, C1A, C2A, F1A, CR1, CR2, M1 Tidal Period: Ebb Tide: 11:23 - 15:13 Flood Tide: 04:14 - 11:23 Monitoring Time: Mid-ebb: 11:33 - 15:03	
	Water Quality monitoring for \$1, 82, 83, 84, H1, C1A, C2A, F1A, CR1, CR2, M1 Tidal Period: Ebb Tide: 07:24 - 13:10 Flood Tide: 13:10 - 19:34 Monitoring Time: Mid-ebb: 08:32 - 12:02 Mid-flood: 14:37 - 18:07	Impact Night time Noise monitoring for M1, M2 & M3	Water Quality monitoring for \$1, 82, 83, 84, H1, C1A, C2A, F1A, CR1, CR2, M1 Tidal Period: Ebb Tide: 09:26 - 14:13 Flood Tide: 14:13 - 20:22 Monitoring Time:	Impact Ecology monitoring for WBSE	Water Quality monitoring for 81, 82, 83, 84, H1, C1A, C2A, F1A, CR1, CR2, M1 Tidal Period: Ebb Tide: 11:23 - 15:13 Flood Tide: 04:14 - 11:23 Monitoring Time:	
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	Water Quality monitoring for \$1, 82, 83, 84, H1, C1A, C2A, F1A, CR1, CR2, M1 Tidal Period: Ebb Tide: 07:24 - 13:10 Flood Tide: 13:10 - 19:34 Monitoring Time: Mid-ebb: 08:32 - 12:02 Mid-flood: 14:37 - 18:07	Impact Night time Noise monitoring for M1, M2 & M3	Water Quality monitoring for 81, 82, 83, 84, H1, C1A, C2A, F1A, CR1, CR2, M1 Tidal Period: Ebb Tide: 09:26-14:13 Flood Tide: 14:13 - 20:22 Monitoring Time: Mid-ebb: 10:04 - 13:34	Impact Ecology monitoring for WBSE	Water Quality monitoring for B1, B2, B3, B4, H1, C1A, C2A, F1A, CR1, CR2, M1 Tidal Period: Ebb Tide: 11:23 - 15:13 Flood Tide: 04:14 - 11:23 Monitoring Time: Mid-ebb: 11:33 - 15:03	
	Water Quality monitoring for \$1, 82, 83, 84, H1, C1A, C2A, F1A, CR1, CR2, M1 Tidal Period: Ebb Tide: 07:24 - 13:10 Flood Tide: 13:10 - 19:34 Monitoring Time: Mid-ebb: 08:32 - 12:02 Mid-flood: 14:37 - 18:07	Impact Night time Noise monitoring for M1, M2 & M3	Water Quality monitoring for 81, 82, 83, 84, H1, C1A, C2A, F1A, CR1, CR2, M1 Tidal Period: Ebb Tide: 09:26-14:13 Flood Tide: 14:13 - 20:22 Monitoring Time: Mid-ebb: 10:04 - 13:34	Impact Ecology monitoring for WBSE	Water Quality monitoring for B1, B2, B3, B4, H1, C1A, C2A, F1A, CR1, CR2, M1 Tidal Period: Ebb Tide: 11:23 - 15:13 Flood Tide: 04:14 - 11:23 Monitoring Time: Mid-ebb: 11:33 - 15:03	
	Water Quality monitoring for \$1, 82, 83, 84, H1, C1A, C2A, F1A, CR1, CR2, M1 Tidal Period: Ebb Tide: 07:24 - 13:10 Flood Tide: 13:10 - 19:34 Monitoring Time: Mid-ebb: 08:32 - 12:02 Mid-flood: 14:37 - 18:07	Impact Night time Noise monitoring for M1, M2 & M3	Water Quality monitoring for 81, 82, 83, 84, H1, C1A, C2A, F1A, CR1, CR2, M1 Tidal Period: Ebb Tide: 09:26-14:13 Flood Tide: 14:13 - 20:22 Monitoring Time: Mid-ebb: 10:04 - 13:34	Impact Ecology monitoring for WBSE	Water Quality monitoring for B1, B2, B3, B4, H1, C1A, C2A, F1A, CR1, CR2, M1 Tidal Period: Ebb Tide: 11:23 - 15:13 Flood Tide: 04:14 - 11:23 Monitoring Time: Mid-ebb: 11:33 - 15:03	
	Water Quality monitoring for \$1, 82, 83, 84, H1, C1A, C2A, F1A, CR1, CR2, M1 Tidal Period: Ebb Tide: 07:24 - 13:10 Flood Tide: 13:10 - 19:34 Monitoring Time: Mid-ebb: 08:32 - 12:02 Mid-flood: 14:37 - 18:07	Impact Night time Noise monitoring for M1, M2 & M3	Water Quality monitoring for 81, 82, 83, 84, H1, C1A, C2A, F1A, CR1, CR2, M1 Tidal Period: Ebb Tide: 09:26-14:13 Flood Tide: 14:13 - 20:22 Monitoring Time: Mid-ebb: 10:04 - 13:34	Impact Ecology monitoring for WBSE	Water Quality monitoring for B1, B2, B3, B4, H1, C1A, C2A, F1A, CR1, CR2, M1 Tidal Period: Ebb Tide: 11:23 - 15:13 Flood Tide: 04:14 - 11:23 Monitoring Time: Mid-ebb: 11:33 - 15:03	
	Water Quality monitoring for \$1, 82, 83, 84, H1, C1A, C2A, F1A, CR1, CR2, M1 Tidal Period: Ebb Tide: 07:24 - 13:10 Flood Tide: 13:10 - 19:34 Monitoring Time: Mid-ebb: 08:32 - 12:02 Mid-flood: 14:37 - 18:07	Impact Night time Noise monitoring for M1, M2 & M3	Water Quality monitoring for 81, 82, 83, 84, H1, C1A, C2A, F1A, CR1, CR2, M1 Tidal Period: Ebb Tide: 09:26-14:13 Flood Tide: 14:13 - 20:22 Monitoring Time: Mid-ebb: 10:04 - 13:34	Impact Ecology monitoring for WBSE	Water Quality monitoring for B1, B2, B3, B4, H1, C1A, C2A, F1A, CR1, CR2, M1 Tidal Period: Ebb Tide: 11:23 - 15:13 Flood Tide: 04:14 - 11:23 Monitoring Time: Mid-ebb: 11:33 - 15:03	
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ality monitoring for B1, B2, B3, B4, H1, C1A, C2A, F1A, CR1, CR2, M1 Tidal Period: Ebb Tide: 13:27 - 16:00	Water Quality monitoring for \$1, 82, 83, 84, H1, C14, C2A, F1A, CR1, CR2, M1 Tidal Period: Ebb Tide: 07:24-13:10 Flood Tide: 13:10-19:34 Monitoring Time: Mid-ebb: 08:32-12:02 Mid-flood: 14:37-18:07 Daytime & Evening Noise monitoring for M1, M2 & M3	Night time Noise monitoring for M1, M2 & M3 29 Impact	Water Quality monitoring for \$1, 82, 83, 84, H1, C1A, C2A, F1A, CR1, CR2, M1 Tidal Period: Ebb Tide: 09:26-14:13 Flood Tide: 14:13-20:22 Monitoring Time: Mid-ebb: 10:04-13:34 &Mid-flood: 15:32-19:00 30 Impact Water Quality monitoring for 81, 82, 83, 84, H1, C1A, C2A, F1A, CR1, CR2, M1 Tidal Period: Ebb Tide: 01:00-09:04	Impact Ecology monitoring for WBSE	Water Quality monitoring for B1, B2, B3, B4, H1, C1A, C2A, F1A, CR1, CR2, M1 Tidal Period: Ebb Tide: 11:23 - 15:13 Flood Tide: 04:14 - 11:23 Monitoring Time: Mid-ebb: 11:33 - 15:03	
ality monitoring for B1, B2, B3, B4, H1, C1A, C2A, F1A, CR1, CR2, M1 Tidal Period: Ebb Tide: 13:27 - 16:00 Flood Tide: 06:00 - 13:27	Water Quality monitoring for \$1, 82, 83, 84, H1, C14, C2A, F1A, CR1, CR2, M1 Tidal Period: Ebb Tide: 07:24-13:10 Flood Tide: 13:10-19:34 Monitoring Time: Mid-ebb: 08:32-12:02 Mid-flood: 14:37-18:07 Daytime & Evening Noise monitoring for M1, M2 & M3	Night time Noise monitoring for M1, M2 & M3 29 Impact	Water Quality monitoring for \$1, 82, 83, 84, H1, C1A, C2A, F1A, CR1, CR2, M1 Tidal Period: Ebb Tide: 09:26 - 14:13 Flood Tide: 14:13 - 20:22 Monitoring Time: Mid-ebb: 10:04 - 13:34 & Mid-flood: 15:32 - 19:00 30 Impact Water Quality monitoring for 81, 82, 83, 84, H1, C1A, C2A, F1A, CR1, CR2, M1 Tidal Period: Ebb Tide: 01:00 - 09:04 Flood Tide: 09:04 - 13:00	Impact Ecology monitoring for WBSE	Water Quality monitoring for B1, B2, B3, B4, H1, C1A, C2A, F1A, CR1, CR2, M1 Tidal Period: Ebb Tide: 11:23 - 15:13 Flood Tide: 04:14 - 11:23 Monitoring Time: Mid-ebb: 11:33 - 15:03	
ality monitoring for B1, B2, B3, B4, H1, C1A, C2A, F1A, CR1, CR2, M1 Tidal Period: Ebb Tide: 13:27 - 16:00 Flood Tide: 06:00 - 13:27 Monitoring Time:	Water Quality monitoring for \$1, 82, 83, 84, H1, C14, C2A, F1A, CR1, CR2, M1 Tidal Period: Ebb Tide: 07:24-13:10 Flood Tide: 13:10-19:34 Monitoring Time: Mid-ebb: 08:32-12:02 Mid-flood: 14:37-18:07 Daytime & Evening Noise monitoring for M1, M2 & M3	Night time Noise monitoring for M1, M2 & M3 29 Impact	Water Quality monitoring for \$1, 82, 83, 84, H1, C1A, C2A, F1A, CR1, CR2, M1 Tidal Period: Ebb Tide: 09:26 - 14:13 Flood Tide: 14:13 - 20:22 Monitoring Time: Mid-ebb: 10:04 - 13:34 & Mid-flood: 15:32 - 19:00 Impact Water Quality monitoring for \$1, 82, 83, 84, H1, C1A, C2A, F1A, CR1, CR2, M1 Tidal Period: Ebb Tide: 01:00 - 09:04 Flood Tide: 09:04 - 18:00 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: 11:23 - 15:13 Flood Tide: 04:14 - 11:23 Monitoring Time: Mid-ebb: 11:33 - 15:03	
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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,S2 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: C1-953-CR2-CR1-H1-9Remaining stations and Mid-Flood: C2-9CR1-953-3-CR2-9H1-9Remaining stations
5 - Since predicted tide is shorter than 3.5 hours, method of 90% tidal period as monitoring time is approached.
8 - Due to safety concern for sampling event in injet-time, method of 90% tidal period as monitoring time is approached and end at 1900.
% - The impact water monitoring event on 02/11/2022 was cancelled due to the adverse weather under typhoon.