

Appendix C Impact Monitoring Schedule of the Reporting Month

Impact Monitoring Schedule for IWMF

Sep-19						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
1	2	3	4	5	6	7
	<p>Impact</p> <p>Water Quality monitoring for CZA/HI, CR1, CR3, S3, B4 & CR2 during Mid-ebb</p> <p>Tidal Period: Ebb Tide: 11:21 - 17:32 Flood Tide: 04:43 - 11:21</p> <p>Monitoring Time: Mid-ebb: 12:41 - 16:11 * Mid-Flood: 08:00 - 11:01</p> <p>Daytime, Evening & Night time Noise monitoring for M1, M2 & M3</p>	<p>Impact</p> <p>Daytime, Evening & Night time Noise monitoring for M1, M2 & M3</p>	<p>Impact</p> <p>Water Quality monitoring for B1, B2, B3, B4, H1, C1, C2, F1, CR1, CR2, M1, S1, S2 & S3</p> <p>Tidal Period: Ebb Tide: 13:24 - 18:40 Flood Tide: 06:25 - 13:25</p> <p>Monitoring Time: Mid-ebb: 14:17 - 17:47 Mid-Flood: 08:09 - 11:39</p>		<p>Impact</p> <p>Water Quality monitoring for B1, B2, B3, B4, H1, C1, C2, F1, CR1, CR2, M1, S1, S2 & S3</p> <p>Tidal Period: Ebb Tide: 16:10 - 19:45 Flood Tide: 09:07 - 16:10</p> <p>Monitoring Time: 8 Mid-ebb: 16:20 - 19:00 Mid-Flood: 10:53 - 14:23</p>	
8	9	10	11	12	13	14
	<p>Impact</p> <p>Water Quality monitoring for B1, B2, B3, B4, H1, C1, C2, F1, CR1, CR2, M1, S1, S2 & S3</p> <p>Tidal Period: Ebb Tide: 05:20 - 13:29 Flood Tide: 15:29 - 20:50</p> <p>Monitoring Time: * Mid-ebb: 08:00 - 13:04 Mid-Flood: 15:24 - 18:24</p> <p>Daytime, Evening & Night time Noise monitoring for M1, M2 & M3</p> <p>Ecology monitoring for Marine Mammals by Vessel-based Line-Transact Survey</p>	<p>Impact</p> <p>Daytime, Evening & Night time Noise monitoring for M1, M2 & M3</p>	<p>Impact</p> <p>Water Quality monitoring for B1, B2, B3, B4, H1, C1, C2, F1, CR1, CR2, M1, S1, S2 & S3</p> <p>Tidal Period: Ebb Tide: 07:02 - 14:40 Flood Tide: 14:40 - 21:35</p> <p>Monitoring Time: Mid-ebb: 09:06 - 12:36 & Mid-Flood: 15:00 - 19:00</p>		<p>Impact</p> <p>Water Quality monitoring for B1, B2, B3, B4, H1, C1, C2, F1, CR1, CR2, M1, S1, S2 & S3</p> <p>Tidal Period: Ebb Tide: 08:26 - 15:36 Flood Tide: 15:36 - 22:13</p> <p>Monitoring Time: Mid-ebb: 10:16 - 13:46 & Mid-Flood: 15:55 - 19:00</p>	
15	16	17	18	19	20	21
	<p>Impact</p> <p>Water Quality monitoring for B1, B2, B3, B4, H1, C1, C2, F1, CR1, CR2, M1, S1, S2 & S3</p> <p>Tidal Period: Ebb Tide: 10:23 - 16:41 Flood Tide: 04:09 - 10:23</p> <p>Monitoring Time: Mid-ebb: 11:47 - 15:17 * Mid-Flood: 08:00 - 10:04</p> <p>Daytime, Evening & Night time Noise monitoring for M1, M2 & M3</p>	<p>Impact</p> <p>Daytime, Evening & Night time Noise monitoring for M1, M2 & M3</p>	<p>Impact</p> <p>Water Quality monitoring for B1, B2, B3, B4, H1, C1, C2, F1, CR1, CR2, M1, S1, S2 & S3</p> <p>Tidal Period: Ebb Tide: 11:43 - 17:29 Flood Tide: 05:27 - 11:43</p> <p>Monitoring Time: Mid-ebb: 12:51 - 16:21 * Mid-Flood: 08:00 - 11:24</p> <p>Coral 3rd Quarterly Monitoring at Indirect Impact Site and Control Site</p>		<p>Impact</p> <p>Water Quality monitoring for B1, B2, B3, B4, H1, C1, C2, F1, CR1, CR2, M1, S1, S2 & S3</p> <p>Tidal Period: Ebb Tide: 13:30 - 18:12 Flood Tide: 05:02 - 13:30</p> <p>Monitoring Time: Mid-ebb: 14:06 - 17:36 Mid-Flood: 08:31 - 12:01</p>	
22	23	24	25	26	27	28
	<p>Impact</p> <p>Water Quality monitoring for B1, B2, B3, B4, H1, C1, C2, F1, CR1, CR2, M1, S1, S2 & S3</p> <p>Tidal Period: Ebb Tide: 02:08 - 10:50 Flood Tide: 10:50 - 17:30</p> <p>Monitoring Time: * Mid-ebb: 08:00 - 10:23 Mid-Flood: 12:25 - 15:55</p> <p>% Daytime, Evening & Night time Noise monitoring for M1, M2 & M3</p>	<p>Impact</p> <p>% Daytime, Evening & Night time Noise monitoring for M1, M2 & M3</p>	<p>Impact</p> <p>Water Quality monitoring for B1, B2, B3, B4, H1, C1, C2, F1, CR1, CR2, M1, S1, S2 & S3</p> <p>Tidal Period: Ebb Tide: 05:21 - 13:08 Flood Tide: 13:08 - 20:26</p> <p>Monitoring Time: * Mid-ebb: 08:00 - 12:44 Mid-Flood: 15:02 - 18:32</p> <p>* Daytime, Evening & Night time Noise monitoring for M1, M2 & M3</p>	<p>Impact</p> <p>Ecology monitoring for WBESE</p> <p>* Daytime, Evening & Night time Noise monitoring for M1, M2 & M3</p>	<p>Impact</p> <p>Water Quality monitoring for B1, B2, B3, B4, H1, C1, C2, F1, CR1, CR2, M1, S1, S2 & S3</p> <p>Tidal Period: Ebb Tide: 07:39 - 14:31 Flood Tide: 14:31 - 21:08</p> <p>Monitoring Time: Mid-ebb: 09:20 - 12:50 & Mid-Flood: 14:50 - 19:00</p>	
29	30					
	<p>Impact</p> <p>Water Quality monitoring for B1, B2, B3, B4, H1, C1, C2, F1, CR1, CR2, M1, S1, S2 & S3</p> <p>Tidal Period: Ebb Tide: 10:26 - 16:20 Flood Tide: 03:47 - 10:26</p> <p>Monitoring Time: Mid-ebb: 11:38 - 15:08 * Mid-Flood: 08:00 - 10:06</p>					

Remarks:
1. Daytime Noise Monitoring (07:00-19:00), Evening Time Noise Monitoring (19:00-23:00), Night Time Noise Monitoring (23:00-07:00)
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 safety concern, Water Quality Monitoring would start at 0800.
- # Prioritised roving: Mid-Ebb: C1 → S3 → C2 → CR1 → H1 → Remaining stations and Mid-Flood: C2 → C1 → S3 → CR2 → H1 → Remaining 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 night-time, method of 90% tidal period as monitoring time is approached and end at 19:00.
- % - Cancelled due to incident or unfavorable weather condition
- * - rescheduled due to incident or unfavorable weather condition