



WATER QUALITY REPORT

Dredging, Land Reclamation and Revetment Works at Gulhifalhu



Report Date: 03/10/2020

Week: 40-2020

Number: 019

Period: 26/09/2020 to 2/10/2020

Project : Dredging, Land Reclamation and Revetment Works at Gulhifalhu	Document number : 462.10062-WQR-19
Contract number : AGR(471)-PIDS2/PRIV/2019/194	Contractor : Boskalis Westminster Contracting Ltd
Project number [MIAS] : 462.10042	Client : Ministry of National Planning and Infrastructure
	Attention : shaana.farooq@planning.gov.mv

NTU - TSS Relationship	Correlation coefficient (NTU:TSS)	Monitoring equipment	TSS limit (mg/L)	Converted limit NTU	Limit applicability
	1.92	Eureka Manta	10	5.2	Maintain a threshold level for turbidity at all reefs within the atoll lagoon in proximity to the dredging site, measured as Total Suspended Solids (TSS) to a maximum of 10 mg/L not exceeding 20% of the measurements. Exceptions shall be made where background rates exceeded the threshold level and in reefs where extensive reclamation work has been undertaken (including e.g. Thilafushi, Gulhifalhu, Villigili, Malé, Hulhumalé). Considerations also shall be made to account for naturally elevated levels of turbidity which may occur during storm events or bad weather.

Activities	Activities and other observations
	Daily in situ seawater quality measurements and sampling performed. No unexpected values or exceedances. Revetment installation works ongoing.

Mitigation	Corrective actions taken if necessary

Measurements	Measurements
	Measurements are taken using a Eureka Manta Multiparameter probe. The EIA requires measurements and water sample at the surface, at approximately 1 meter depth. For completeness, two additional depths are measured; 'bottom' and 'mid-water'. The 'bottom' measurement is taken at either: - The maximum depth the probe will go to on a 30m cable (dependent on currents), or 90% of the water column if water depth is < 30m The 'mid-water' measurement is taken at approximately 0.5 * the 'bottom' depth Eureka Manta Turbidity sensor has an accuracy of 2% of reading or 0.2 (https://www.waterprobes.com/water-quality-sensor-specifications). Therefore, negative readings of up until -0.2 NTU indicate no turbidity.

Calibration			
	Eureka Manta Multiparameter probe		
	S/N: MT12183556	Calibration Date: 19/09/2020	Status: Used for measurements
	S/N: MT12183554	Calibration Date: N/A	Status: Spare

Locations	Location ID	Description	
	W2	Reclamation	
	W5		
	W7		
	W10		
	W11		
	W14	Villigili	
	W15		
	W16	Reclamation	
	W19	Background	
	W20	Borrow area	
	W25		
	W26	Background	
	W27		
	W36	Borrow area	
	W45		
	W46		
	W47		
W51			

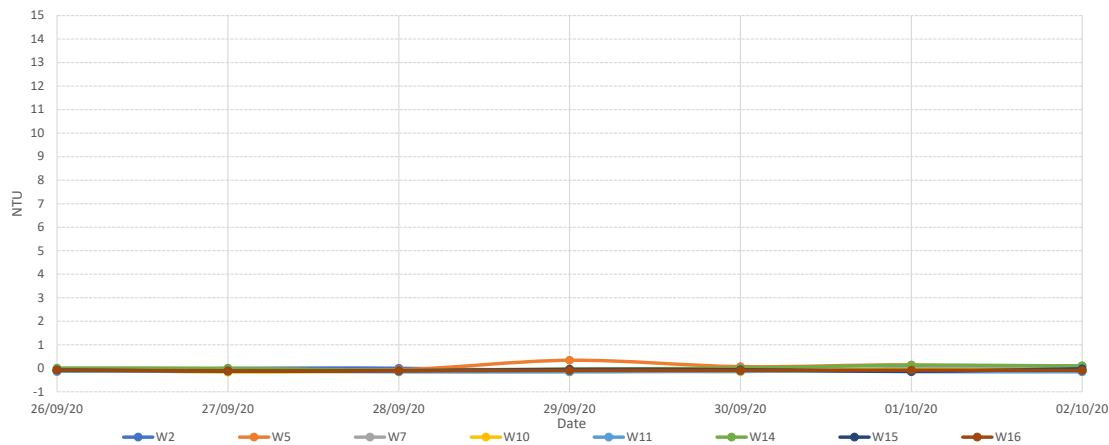
Signed by Contractor

Signed by Client

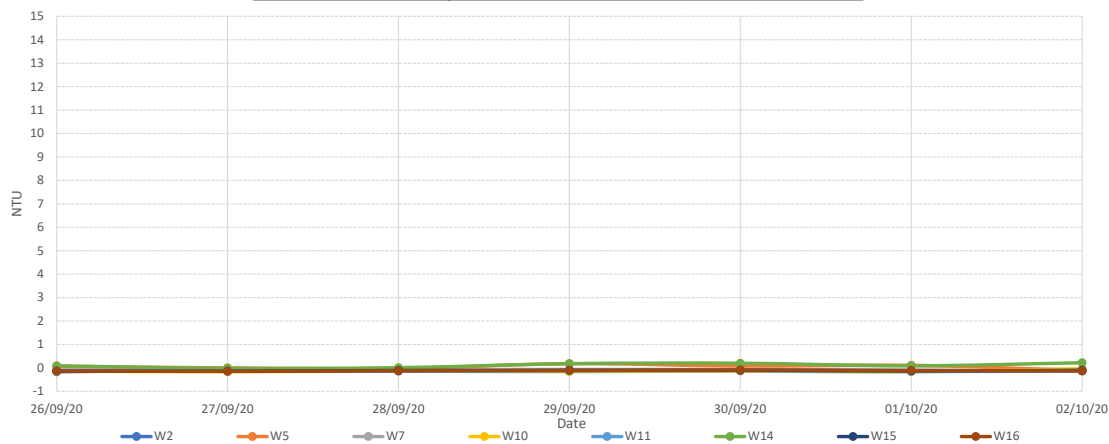
Report Date: 03/10/2020 Week: 40-2020 Period: 26/09/2020 to 02/10/2020

Project	: Dredging, Land Reclamation and Revetment Works at Gulhifalhu	Document number	: 462.10062-WQR-19.2
Contract number	: AGR(471)-PIDS2/PRIV/2019/194	Contractor	: Boskalis Westminster Contracting Ltd
Project number [MIAS]	: 462.10042	Client	: Ministry of National Planning and Infrastructure
		Attention	: shaana.farooq@planning.gov.mv

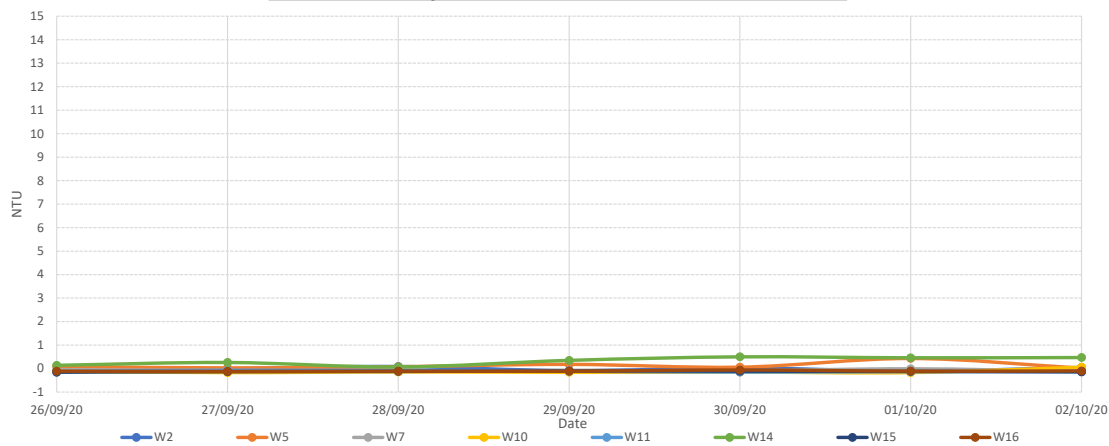
Surface Turbidity Measurements at the Reclamation Area



Mid Water Turbidity Measurements at the Reclamation Area



Bottom Turbidity Measurements at the Reclamation Area





WATER QUALITY REPORT

Dredging, Land Reclamation and Revetment Works at Gulhifalhu



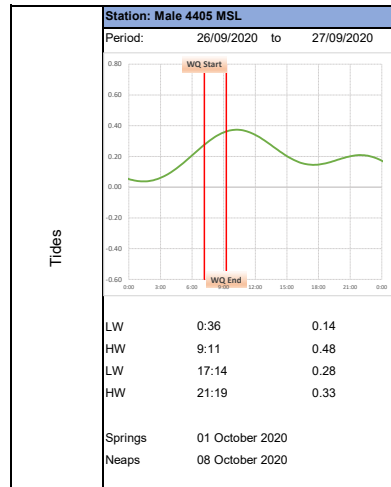
Date: 26/09/2020

Time: 7:10 to 9:15

Project : Dredging, Land Reclamation and Revetment Works at Gulhifalhu □ Document number : 462.10062-WQR-19.4
Contract number : AGR(471)-PIDS2/PRIV/2019/194 Contractor : Boskalis Westminster Contracting Ltd
Project number [MIAS] : 462.10042 Client : Ministry of National Planning and Infrastructure
Attention : shaana.farooq@planning.gov.mv

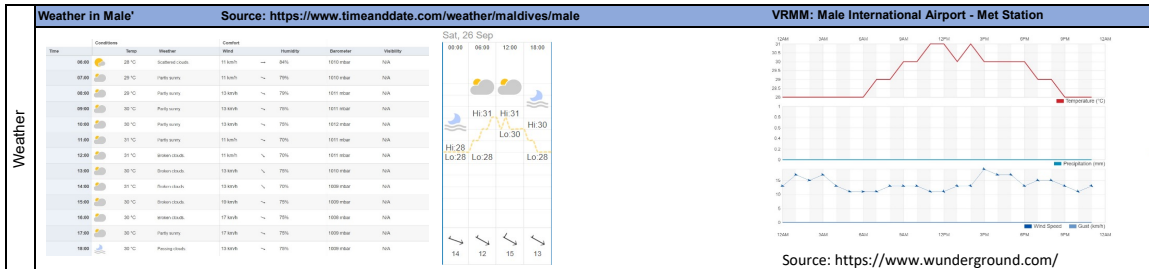
Location	Section	Depth (m)	Temperature	pH	Conductivity (uS/cm)	Turbidity (NTU)
W2	Surface	1	28.7	7.7	56333	-0.12
	Mid-water	12	28.7	7.7	56301	-0.10
	Bottom	22	28.6	7.7	56303	-0.16
W5	Surface	1	28.6	7.6	56219	-0.05
	Mid-water	12	28.6	7.5	56173	0.07
	Bottom	22	28.6	7.6	56165	0.09
W7	Surface	1	28.6	7.7	56279	-0.13
	Mid-water	11	28.6	7.7	56250	-0.18
	Bottom	22	28.5	7.7	56249	-0.05
W10	Surface	1	28.7	7.6	56319	-0.06
	Mid-water	11	28.6	7.6	56274	-0.14
	Bottom	22	28.6	7.6	56255	-0.12
W11	Surface	1	28.6	7.7	55715	-0.13
	Mid-water	12	28.6	7.6	56313	-0.13
	Bottom	22	28.6	7.7	56294	-0.12
W14	Surface	1	28.9	7.8	56344	0.01
	Mid-water	8	28.8	7.8	56329	0.09
	Bottom	17	28.7	7.8	56310	0.14
W15	Surface	2	28.6	7.6	56298	-0.07
	Mid-water	12	28.6	7.5	56282	-0.14
	Bottom	23	28.6	7.6	56254	-0.15
W16	Surface	1	28.7	7.6	56362	-0.08
	Mid-water	11	28.6	7.6	56334	-0.13
	Bottom	22	28.5	7.6	56291	-0.11
W19	Surface					
	Mid-water					
	Bottom					
W20	Surface					
	Mid-water					
	Bottom					
W25	Surface					
	Mid-water					
	Bottom					
W26	Surface					
	Mid-water					
	Bottom					
W27	Surface					
	Mid-water					
	Bottom					
W36	Surface					
	Mid-water					
	Bottom					
W45	Surface					
	Mid-water					
	Bottom					
W46	Surface					
	Mid-water					
	Bottom					
W47	Surface					
	Mid-water					
	Bottom					
W51	Surface					
	Mid-water					
	Bottom					

Vessel	Stop	Start



Fairway completed the dredging phase of the works on the 20th of August, therefore as of the 25th only the Reclamation area locations are measured

Water samples taken from all reclamation sites for TSS testing





WATER QUALITY REPORT

Dredging, Land Reclamation and Revetment Works at Gulhifalhu



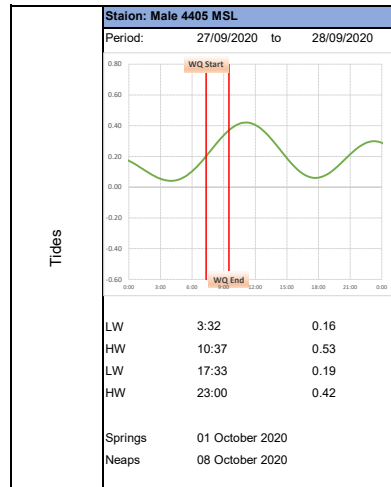
Date: 27/09/2020

Time: 7:20 to 9:30

Project : Dredging, Land Reclamation and Revetment Works at Gulhifalhu □ Document number : 462.10062-WQR-19.5
Contract number : AGR(471)-PIDS2/PRIV/2019/194 Contractor : Boskalis Westminster Contracting Ltd
Project number [MIAS] : 462.10042 Client : Ministry of National Planning and Infrastructure
Attention : shaana.farooq@planning.gov.mv

Location	Section	Depth (m)	Temperature	pH	Conductivity (uS/cm)	Turbidity (NTU)
W2	Surface	1	28.8	7.5	56428	-0.01
	Mid-water	11	28.7	7.7	56436	-0.10
	Bottom	24	28.7	7.7	56441	-0.01
W5	Surface	2	28.7	7.9	56327	-0.02
	Mid-water	12	28.7	7.8	56306	0.00
	Bottom	22	28.6	7.9	56252	0.03
W7	Surface	1	28.7	7.8	56447	-0.04
	Mid-water	12	28.6	7.7	56445	-0.06
	Bottom	23	28.6	7.8	56406	-0.08
W10	Surface	1	28.7	9.0	56510	-0.16
	Mid-water	12	28.7	8.3	56513	-0.16
	Bottom	23	28.7	8.8	56473	-0.17
W11	Surface	1	28.6	8.1	56445	-0.11
	Mid-water	12	28.5	8.3	56444	-0.11
	Bottom	22	28.5	8.5	56414	-0.07
W14	Surface	1	29.0	7.7	56443	0.00
	Mid-water	8	28.8	7.7	56439	-0.02
	Bottom	17	28.7	7.7	56411	0.26
W15	Surface	1	28.6	7.8	56346	-0.12
	Mid-water	12	28.5	7.8	56322	-0.14
	Bottom	22	28.5	7.9	56284	-0.13
W16	Surface	1	28.7	7.8	56508	-0.11
	Mid-water	11	28.6	7.8	56464	-0.15
	Bottom	24	28.6	7.9	56434	-0.12
W19	Surface					
	Mid-water					
	Bottom					
W20	Surface					
	Mid-water					
	Bottom					
W25	Surface					
	Mid-water					
	Bottom					
W26	Surface					
	Mid-water					
	Bottom					
W27	Surface					
	Mid-water					
	Bottom					
W36	Surface					
	Mid-water					
	Bottom					
W45	Surface					
	Mid-water					
	Bottom					
W46	Surface					
	Mid-water					
	Bottom					
W47	Surface					
	Mid-water					
	Bottom					
W51	Surface					
	Mid-water					
	Bottom					

Vessel	Stop	Start



Remarks

Fairway completed the dredging phase of the works on the 20th of August, therefore as of the 25th only the Reclamation area locations are measured

Weather

Weather in Male' Source: <https://www.timeanddate.com/weather/maldives/male>

Time	Clouds	Temp	Humidity	Wind Speed	Wind Dir	Wind Gust	Visibility
06:00	20%	28.7°C	80%	10 km/h	101°	10 km/h	N/A
07:00	20%	28.7°C	80%	10 km/h	101°	10 km/h	N/A
08:00	20%	28.7°C	80%	10 km/h	101°	10 km/h	N/A
09:00	20%	28.7°C	80%	10 km/h	101°	10 km/h	N/A
10:00	20%	28.7°C	80%	10 km/h	101°	10 km/h	N/A
11:00	20%	28.7°C	80%	10 km/h	101°	10 km/h	N/A
12:00	20%	28.7°C	80%	10 km/h	101°	10 km/h	N/A
13:00	20%	28.7°C	80%	10 km/h	101°	10 km/h	N/A
14:00	20%	28.7°C	80%	10 km/h	101°	10 km/h	N/A
15:00	20%	28.7°C	80%	10 km/h	101°	10 km/h	N/A
16:00	20%	28.7°C	80%	10 km/h	101°	10 km/h	N/A
17:00	20%	28.7°C	80%	10 km/h	101°	10 km/h	N/A
18:00	20%	28.7°C	80%	10 km/h	101°	10 km/h	N/A

VRMM: Male International Airport - Met Station

Source: <https://www.wunderground.com/>



WATER QUALITY REPORT

Dredging, Land Reclamation and Revetment Works at Gulhifalhu



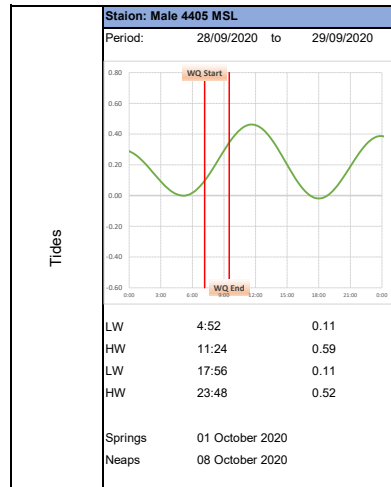
Date: 28/09/2020

Time: 7:10 to 9:30

Project : Dredging, Land Reclamation and Revetment Works at Gulhifalhu □ Document number : 462.10062-WQR-19.6
Contract number : AGR(471)-PIDS2/PRIV/2019/194 Contractor : Boskalis Westminster Contracting Ltd
Project number [MIAS] : 462.10042 Client : Ministry of National Planning and Infrastructure
Attention : shaana.farooq@planning.gov.mv

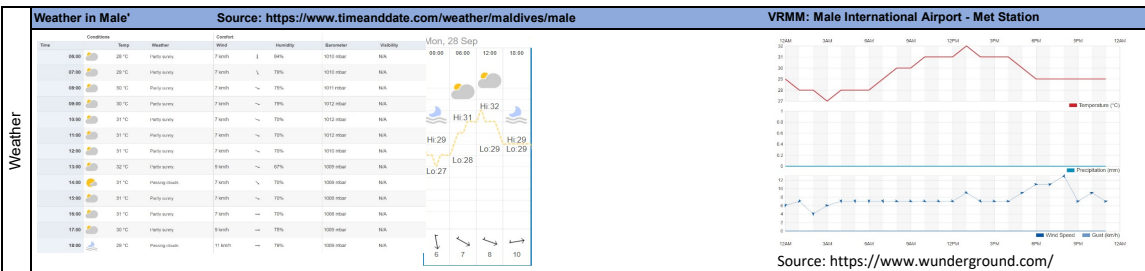
Location	Section	Depth (m)	Temperature	pH	Conductivity (uS/cm)	Turbidity (NTU)
W2	Surface	1	28.9	7.9	56554	0.00
	Mid-water	12	28.7	7.8	56532	-0.09
	Bottom	24	28.8	7.7	56510	0.09
W5	Surface	1	28.8	7.7	56420	-0.06
	Mid-water	12	28.8	7.5	56391	-0.02
	Bottom	24	28.6	7.4	56380	0.08
W7	Surface	1	28.9	7.5	56573	-0.13
	Mid-water	12	28.9	7.4	56581	-0.14
	Bottom	23	28.8	7.4	56515	-0.13
W10	Surface	1	28.9	7.7	56565	-0.13
	Mid-water	11	28.8	7.6	56533	-0.14
	Bottom	24	28.8	7.6	56536	-0.14
W11	Surface	1	29.0	7.8	56678	-0.15
	Mid-water	11	28.9	7.7	56603	-0.14
	Bottom	21	28.8	7.6	56562	-0.08
W14	Surface	1	29.0	8.0	56516	-0.09
	Mid-water	8	29.0	7.9	56532	0.01
	Bottom	16	28.9	7.9	56531	0.07
W15	Surface	1	28.8	7.4	56383	-0.10
	Mid-water	12	28.7	7.4	56358	-0.11
	Bottom	24	28.7	7.4	56348	-0.12
W16	Surface	1	28.9	7.9	56569	-0.11
	Mid-water	12	28.8	7.8	56525	-0.12
	Bottom	21	28.7	7.8	56501	-0.11
W19	Surface					
	Mid-water					
	Bottom					
W20	Surface					
	Mid-water					
	Bottom					
W25	Surface					
	Mid-water					
	Bottom					
W26	Surface					
	Mid-water					
	Bottom					
W27	Surface					
	Mid-water					
	Bottom					
W36	Surface					
	Mid-water					
	Bottom					
W45	Surface					
	Mid-water					
	Bottom					
W46	Surface					
	Mid-water					
	Bottom					
W47	Surface					
	Mid-water					
	Bottom					
W51	Surface					
	Mid-water					
	Bottom					

Vessel	Stop	Start



Remarks

Fairway completed the dredging phase of the works on the 20th of August, therefore as of the 25th only the Reclamation area locations are measured





WATER QUALITY REPORT

Dredging, Land Reclamation and Revetment Works at Gulhifalhu



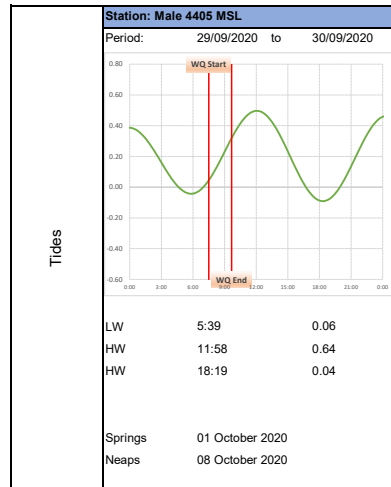
Date: 29/09/2020

Time: 7:30 to 9:40

Project : Dredging, Land Reclamation and Revetment Works at Gulhifalhu □ Document number : 462.10062-WQR-19.7
Contract number : AGR(471)-PIDS2/PRIV/2019/194 Contractor : Boskalis Westminster Contracting Ltd
Project number [MIAS] : 462.10042 Client : Ministry of National Planning and Infrastructure
Attention : shaana.farooq@planning.gov.mv

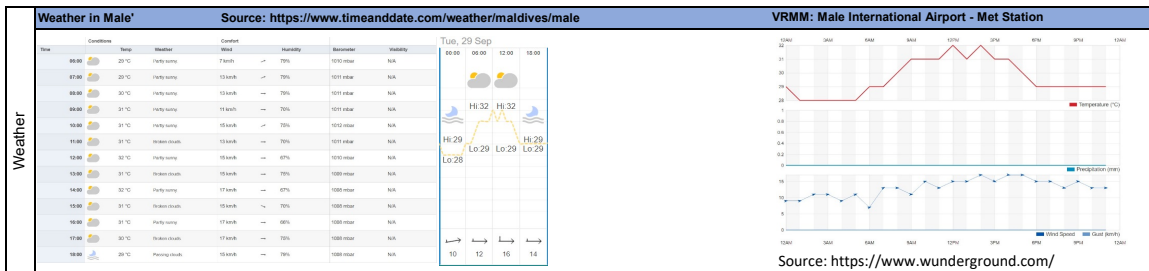
Location	Section	Depth (m)	Temperature	pH	Conductivity (uS/cm)	Turbidity (NTU)
W2	Surface	1	28.8	8.0	56482	-0.13
	Mid-water	12	28.7	7.9	56471	-0.13
	Bottom	23	28.7	7.9	56496	-0.09
W5	Surface	1	28.9	8.0	56571	0.34
	Mid-water	11	28.7	8.0	56530	0.18
	Bottom	20	28.6	8.0	56502	0.18
W7	Surface	2	28.7	8.0	56455	-0.09
	Mid-water	12	28.7	7.9	56425	-0.08
	Bottom	24	28.6	7.9	56425	-0.09
W10	Surface	2	28.7	8.0	56489	-0.14
	Mid-water	12	28.6	7.9	56451	-0.16
	Bottom	24	28.6	8.0	56420	-0.16
W11	Surface	1	28.8	8.0	56475	-0.15
	Mid-water	11	28.7	8.0	56483	-0.13
	Bottom	23	28.5	8.0	56439	-0.11
W14	Surface	1	29.2	8.0	56496	-0.03
	Mid-water	8	29.0	8.0	56493	0.18
	Bottom	16	28.9	8.0	56482	0.35
W15	Surface	1	28.8	8.0	56419	-0.05
	Mid-water	12	28.8	8.0	56394	-0.10
	Bottom	22	28.7	8.0	56387	-0.10
W16	Surface	1	28.6	7.9	56547	-0.09
	Mid-water	12	28.6	7.8	56504	-0.11
	Bottom	24	28.5	7.8	56473	-0.11
W19	Surface					
	Mid-water					
	Bottom					
W20	Surface					
	Mid-water					
	Bottom					
W25	Surface					
	Mid-water					
	Bottom					
W26	Surface					
	Mid-water					
	Bottom					
W27	Surface					
	Mid-water					
	Bottom					
W36	Surface					
	Mid-water					
	Bottom					
W45	Surface					
	Mid-water					
	Bottom					
W46	Surface					
	Mid-water					
	Bottom					
W47	Surface					
	Mid-water					
	Bottom					
W51	Surface					
	Mid-water					
	Bottom					

Vessel	Stop	Start



Remarks

Fairway completed the dredging phase of the works on the 20th of August, therefore as of the 25th only the Reclamation area locations are measured





WATER QUALITY REPORT

Dredging, Land Reclamation and Revetment Works at Gulhifalhu



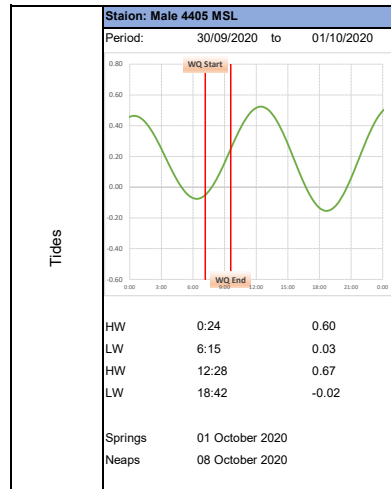
Date: 30/09/2020

Time: 7:10 to 9:35

Project : Dredging, Land Reclamation and Revetment Works at Gulhifalhu □ Document number : 462.10062-WQR-19.8
Contract number : AGR(471)-PIDS2/PRIV/2019/194 Contractor : Boskalis Westminster Contracting Ltd
Project number [MIAS] : 462.10042 Client : Ministry of National Planning and Infrastructure
Attention : shaana.farooq@planning.gov.mv

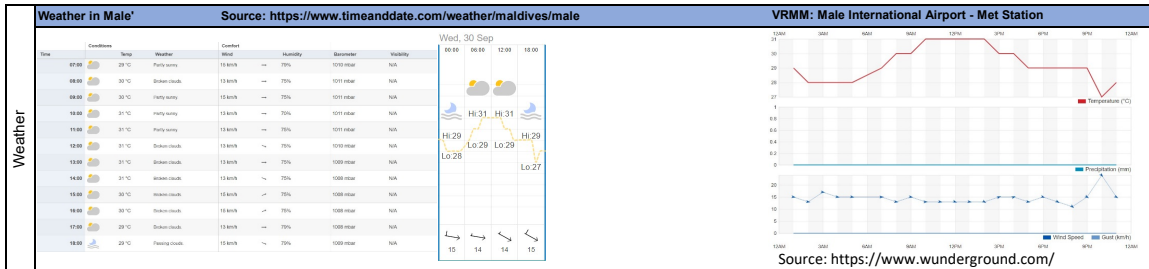
Location	Section	Depth (m)	Temperature	pH	Conductivity (uS/cm)	Turbidity (NTU)
W2	Surface	1	28.8	8.1	56452	-0.10
	Mid-water	12	28.8	8.0	56458	-0.09
	Bottom	24	28.8	8.0	56443	0.03
W5	Surface	1	28.8	8.1	56424	0.07
	Mid-water	11	28.7	8.1	56405	0.08
	Bottom	23	28.7	8.1	56361	0.06
W7	Surface	1	29.3	7.9	56461	-0.14
	Mid-water	12	29.1	7.8	56437	-0.11
	Bottom	24	29.1	7.8	56387	-0.09
W10	Surface	1	29.3	8.1	56506	-0.13
	Mid-water	11	29.3	8.1	56531	-0.14
	Bottom	19	29.3	8.0	56529	-0.15
W11	Surface	1	29.1	8.1	56558	-0.12
	Mid-water	9	29.0	8.0	56479	-0.12
	Bottom	23	29.1	7.9	56519	-0.15
W14	Surface	1	29.0	8.2	56379	0.01
	Mid-water	8	28.9	8.1	56416	0.20
	Bottom	18	28.9	8.1	56409	0.50
W15	Surface	1	28.8	7.8	56241	-0.06
	Mid-water	12	28.7	7.7	56276	-0.10
	Bottom	25	28.6	7.7	56259	-0.11
W16	Surface	1	28.8	7.9	55626	-0.09
	Mid-water	12	28.8	7.9	56498	-0.09
	Bottom	23	28.8	7.9	56461	-0.06
W19	Surface					
	Mid-water					
	Bottom					
W20	Surface					
	Mid-water					
	Bottom					
W25	Surface					
	Mid-water					
	Bottom					
W26	Surface					
	Mid-water					
	Bottom					
W27	Surface					
	Mid-water					
	Bottom					
W36	Surface					
	Mid-water					
	Bottom					
W45	Surface					
	Mid-water					
	Bottom					
W46	Surface					
	Mid-water					
	Bottom					
W47	Surface					
	Mid-water					
	Bottom					
W51	Surface					
	Mid-water					
	Bottom					

Stoppages	Vessel	Stop	Start



Remarks

Fairway completed the dredging phase of the works on the 20th of August, therefore as of the 25th only the Reclamation area locations are measured





WATER QUALITY REPORT

Dredging, Land Reclamation and Revetment Works at Gulhifalhu



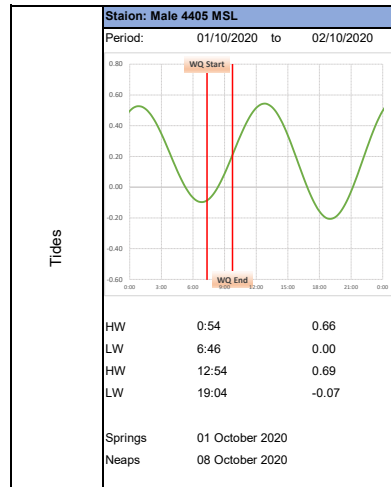
Date: 01/10/2020

Time: 7:20 to 9:45

Project : Dredging, Land Reclamation and Revetment Works at Gulhifalhu □ Document number : 462.10062-WQR-19.9
Contract number : AGR(471)-PIDS2/PRIV/2019/194 Contractor : Boskalis Westminster Contracting Ltd
Project number [MIAS] : 462.10042 Client : Ministry of National Planning and Infrastructure
Attention shaana.farooq@planning.gov.mv

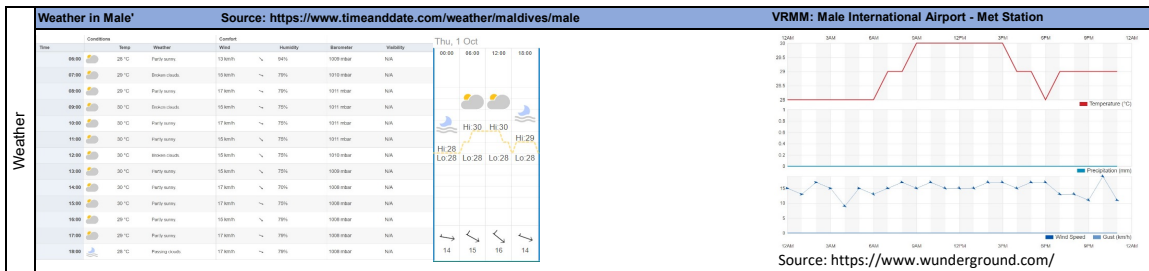
Location	Section	Depth (m)	Temperature	pH	Conductivity (uS/cm)	Turbidity (NTU)
W2	Surface	1	29.0	7.9	56447	-0.14
	Mid-water	12	28.9	7.9	56476	-0.11
	Bottom	23	28.9	7.5	56444	-0.11
W5	Surface	2	28.8	8.1	56475	0.14
	Mid-water	11	28.8	8.4	56402	0.11
	Bottom	21	28.7	8.1	56376	0.43
W7	Surface	1	29.1	7.7	56481	0.00
	Mid-water	11	29.1	7.7	56477	-0.13
	Bottom	21	29.1	7.7	56463	-0.01
W10	Surface	1	29.1	7.7	56484	-0.06
	Mid-water	11	29.1	7.6	56482	-0.17
	Bottom	23	29.1	7.6	56466	-0.17
W11	Surface	1	29.0	7.7	56516	-0.13
	Mid-water	12	29.0	7.6	56483	-0.15
	Bottom	25	28.9	7.5	56455	-0.13
W14	Surface	1	29.1	8.0	56495	0.13
	Mid-water	8	29.0	8.0	56480	0.09
	Bottom	17	29.0	8.2	56454	0.46
W15	Surface	1	28.7	7.4	56357	-0.13
	Mid-water	12	28.7	7.1	56420	-0.13
	Bottom	24	28.7	7.2	56388	-0.12
W16	Surface	1	28.9	7.7	56505	-0.08
	Mid-water	11	28.9	7.5	56482	-0.11
	Bottom	22	28.9	7.6	56467	-0.11
W19	Surface					
	Mid-water					
	Bottom					
W20	Surface					
	Mid-water					
	Bottom					
W25	Surface					
	Mid-water					
	Bottom					
W26	Surface					
	Mid-water					
	Bottom					
W27	Surface					
	Mid-water					
	Bottom					
W36	Surface					
	Mid-water					
	Bottom					
W45	Surface					
	Mid-water					
	Bottom					
W46	Surface					
	Mid-water					
	Bottom					
W47	Surface					
	Mid-water					
	Bottom					
W51	Surface					
	Mid-water					
	Bottom					

Stoppages	Vessel	Stop	Start



Remarks

Fairway completed the dredging phase of the works on the 20th of August, therefore as of the 25th only the Reclamation area locations are measured





WATER QUALITY REPORT

Dredging, Land Reclamation and Revetment Works at Gulhifalhu



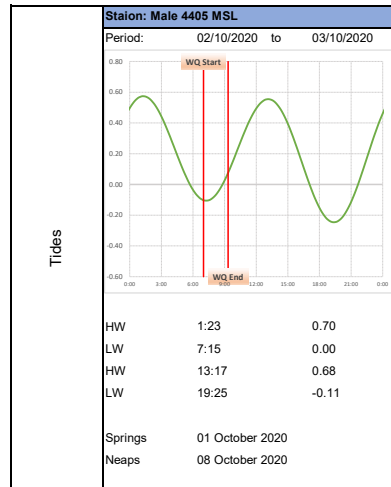
Date: 02/10/2020

Time: 7:00 to 9:20

Project : Dredging, Land Reclamation and Revetment Works at Gulhifalhu □ Document number : 462.10062-WQR-19.10
Contract number : AGR(471)-PIDS2/PRIV/2019/194 Contractor : Boskalis Westminster Contracting Ltd
Project number [MIAS] : 462.10042 Client : Ministry of National Planning and Infrastructure
Attention : shaana.farooq@planning.gov.mv

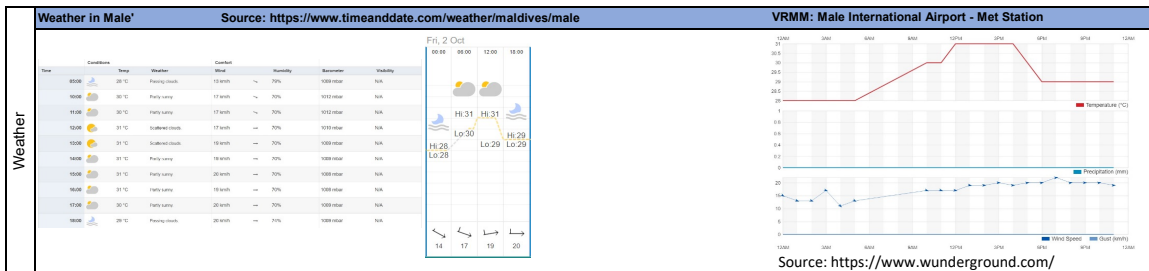
Location	Section	Depth (m)	Temperature	pH	Conductivity (uS/cm)	Turbidity (NTU)
W2	Surface	1	28.9	7.5	56586	-0.14
	Mid-water	12	28.9	7.7	56604	-0.12
	Bottom	19	28.8	7.8	56620	0.05
W5	Surface	2	28.8	8.0	56477	-0.08
	Mid-water	11	28.8	8.0	56453	-0.11
	Bottom	19	28.8	8.0	56467	0.02
W7	Surface	2	28.7	7.8	56548	0.11
	Mid-water	11	28.6	7.8	56435	-0.13
	Bottom	22	28.4	7.8	56406	-0.12
W10	Surface	1	28.9	7.5	56591	-0.09
	Mid-water	11	28.9	7.7	56614	-0.04
	Bottom	25	28.8	7.7	56538	0.06
W11	Surface	1	28.9	7.7	56616	-0.14
	Mid-water	12	28.9	7.6	56625	-0.14
	Bottom	24	28.8	7.6	56579	-0.13
W14	Surface	2	29.0	7.6	56556	0.10
	Mid-water	8	29.0	7.4	56603	0.22
	Bottom	18	28.9	7.4	56574	0.47
W15	Surface	1	28.6	7.9	56437	-0.02
	Mid-water	12	28.6	8.0	56418	-0.10
	Bottom	26	28.6	8.0	56373	-0.14
W16	Surface	1	28.9	7.8	56549	-0.09
	Mid-water	12	28.9	7.7	56557	-0.13
	Bottom	25	28.9	7.7	56554	-0.10
W19	Surface					
	Mid-water					
	Bottom					
W20	Surface					
	Mid-water					
	Bottom					
W25	Surface					
	Mid-water					
	Bottom					
W26	Surface					
	Mid-water					
	Bottom					
W27	Surface					
	Mid-water					
	Bottom					
W36	Surface					
	Mid-water					
	Bottom					
W45	Surface					
	Mid-water					
	Bottom					
W46	Surface					
	Mid-water					
	Bottom					
W47	Surface					
	Mid-water					
	Bottom					
W51	Surface					
	Mid-water					
	Bottom					

Vessel	Stop	Start



Remarks

Fairway completed the dredging phase of the works on the 20th of August, therefore as of the 25th only the Reclamation area locations are measured



Male' Water & Sewerage Company Pvt Ltd**Water Quality Assurance Laboratory**

Quality Assurance Building, 1st Floor, Male' Hingun, Vilimale', Male' City, Maldives
Tel: +9603323209, Fax: +9603324306, Email: wqa@mwsc.com.mv

**WATER QUALITY TEST REPORT****Report No: 500185139****Customer Information:**

CDE Pvt Ltd
H.Orchidmaage, 4th Floor
Ameeru Ahmed Magu
Male K

Report date: **30/09/2020**Test Requisition Form No: **900190462**Sample(s) Received Date: **27/09/2020**Date of Analysis: **27/09/2020 - 27/09/2020**

Sample Description ~	GF_REC-W15	GF_REC-W05	GF_REC-W07	TEST METHOD	UNIT
Sample Type ~	Sea Water	Sea Water	Sea Water		
Sample No	83213884	83213885	83213886		
Sampled Date ~	26/09/2020 07:22	26/09/2020 07:36	26/09/2020 07:59		
PARAMETER	ANALYSIS RESULT				
Physical Appearance	Clear with particles	Clear with particles	Clear with particles		
Total Suspended Solids	<5 (LoQ 5 mg/L)	<5 (LoQ 5 mg/L)	<5 (LoQ 5 mg/L)	HACH Method 8006	mg/L

Keys: mg/L : Milligram Per Liter**Checked by**

Aminath Sofa
Laboratory Executive

Approved by

Mohamed Eyman
Manager, Quality

Notes: Sampling Authority: Sampling was not done by MWSC Laboratory

This report shall not be reproduced except in full, without written approval of MWSC

This test report is ONLY FOR THE SAMPLES TESTED.

~ Information provided by the customer

Male' Water & Sewerage Company Pvt Ltd**Water Quality Assurance Laboratory**

Quality Assurance Building, 1st Floor, Male' Hingun, Vilimale', Male' City, Maldives
Tel: +9603323209, Fax: +9603324306, Email: wqa@mwsc.com.mv

**WATER QUALITY TEST REPORT**

Report No: 500185139

Customer Information:

CDE Pvt Ltd
H.Orchidmaage, 4th Floor
Ameeru Ahmed Magu
Male K

Report date: 30/09/2020

Test Requisition Form No: 900190462

Sample(s) Recieved Date: 27/09/2020

Date of Analysis: 27/09/2020 - 27/09/2020

Sample Description ~	GF_REC-W10	GF_REC-W11	GF_REC-W16	TEST METHOD	UNIT
Sample Type ~	Sea Water	Sea Water	Sea Water		
Sample No	83213887	83213888	83213889		
Sampled Date ~	26/09/2020 08:18	26/09/2020 08:28	26/09/2020 08:45		
PARAMETER	ANALYSIS RESULT				
Physical Appearance	Clear with particles	Clear with particles	Clear with particles	HACH Method 8006	mg/L
Total Suspended Solids	<5 (LoQ 5 mg/L)	<5 (LoQ 5 mg/L)	<5 (LoQ 5 mg/L)		

Keys: mg/L : Milligram Per Liter

Checked by

Aminath Sofa
Laboratory Executive

Approved by

Mohamed Eyman
Manager, Quality

Notes: Sampling Authority: Sampling was not done by MWSC Laboratory

This report shall not be reproduced except in full, without written approval of MWSC

This test report is ONLY FOR THE SAMPLES TESTED.

~ Information provided by the customer

Male' Water & Sewerage Company Pvt Ltd**Water Quality Assurance Laboratory**

Quality Assurance Building, 1st Floor, Male' Hingun, Vilimale', Male' City, Maldives
Tel: +9603323209, Fax: +9603324306, Email: wqa@mwsc.com.mv

**WATER QUALITY TEST REPORT**

Report No: 500185139

Customer Information:

CDE Pvt Ltd
H.Orchidmaage, 4th Floor
Ameeru Ahmed Magu
Male K

Report date: 30/09/2020

Test Requisition Form No: 900190462

Sample(s) Received Date: 27/09/2020

Date of Analysis: 27/09/2020 - 27/09/2020

Sample Description ~	GF_REC-W02	GF_REC-W14	TEST METHOD	UNIT
Sample Type ~	Sea Water	Sea Water		
Sample No	83213890	83213891		
Sampled Date ~	26/09/2020 08:58	26/09/2020 09:07		
PARAMETER	ANALYSIS RESULT			
Physical Appearance	Clear with particles	Clear with particles	HACH Method 8006	mg/L
Total Suspended Solids	<5 (LoQ 5 mg/L)	<5 (LoQ 5 mg/L)		

Keys: mg/L : Milligram Per Liter

Checked by

Aminath Sofa
Laboratory Executive

Approved by

Mohamed Eyman
Manager, Quality

Notes: Sampling Authority: Sampling was not done by MWSC Laboratory

This report shall not be reproduced except in full, without written approval of MWSC

This test report is ONLY FOR THE SAMPLES TESTED.

~ Information provided by the customer

***** END OF REPORT *****