

Report Date: 13-02-2021 Week: 06-2021
 Number: 038 Period: 6-02-2021 to 12-02-2021

Project : Dredging, Land Reclamation and Revetment Works at Gulhifalhu	Document number : 462.10062-WQR-38
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. Calibration of water quality sensors. CDE retrieved and replaced sediment traps at T-2, T-4, T-6, T-7, T-9 & T-11. 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: 12/02/2021	Status: Used for measurements
	S/N: MT12183554	Calibration Date: N/A	Status: Spare

Locations

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



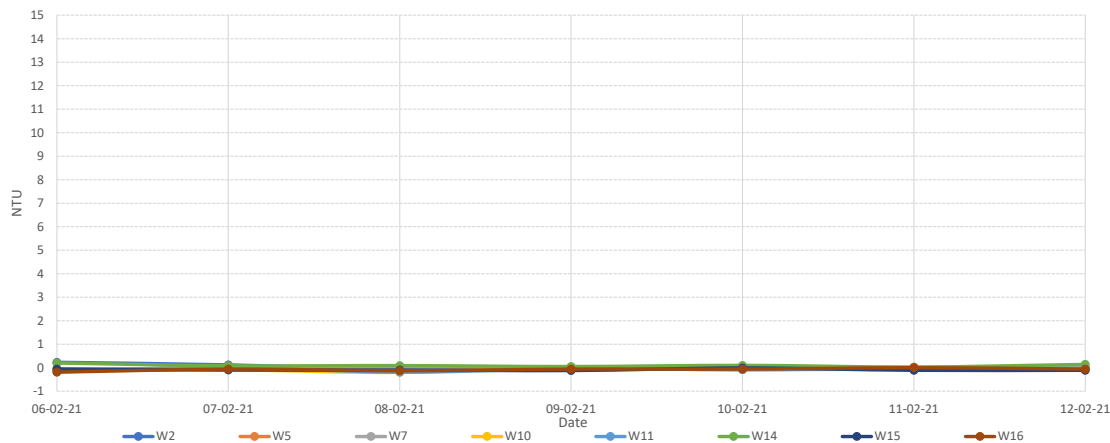
Signed by Contractor

Signed by Client

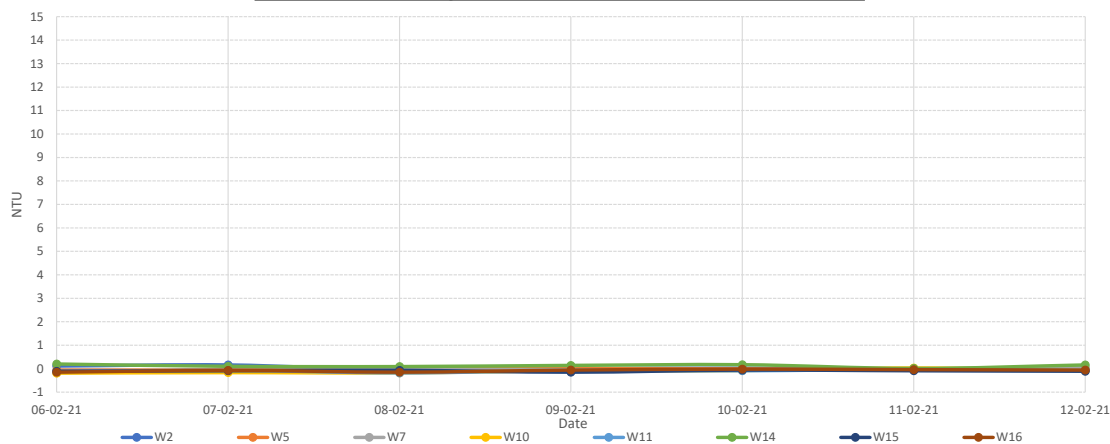
Report Date: 13-02-2021 Week: 06-2021 Period: 06-02-2021 to 12-02-2021

Project	: Dredging, Land Reclamation and Revetment Works at Gulhifalhu	Document number	: 462.10062-WQR-38.2
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

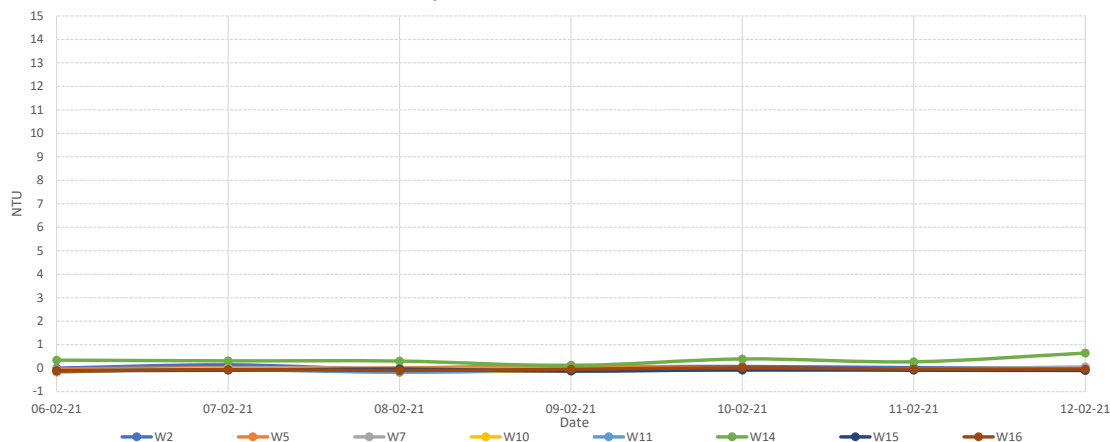
Surface Turbidity Measurements at the Reclamation Area



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



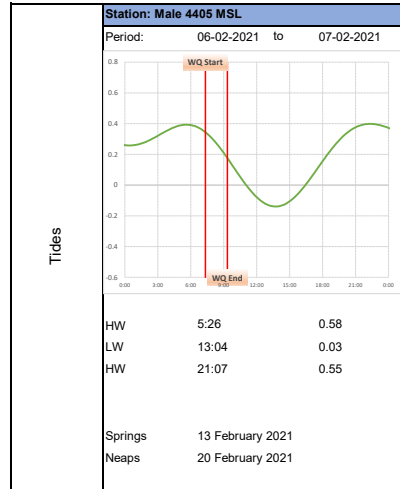
Date: 06-02-2021

Time: 7:20 to 9:20

Project : Dredging, Land Reclamation and Revetment Works at Gulhifalhu □ Document number : 462.10062-WQR-38.4
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

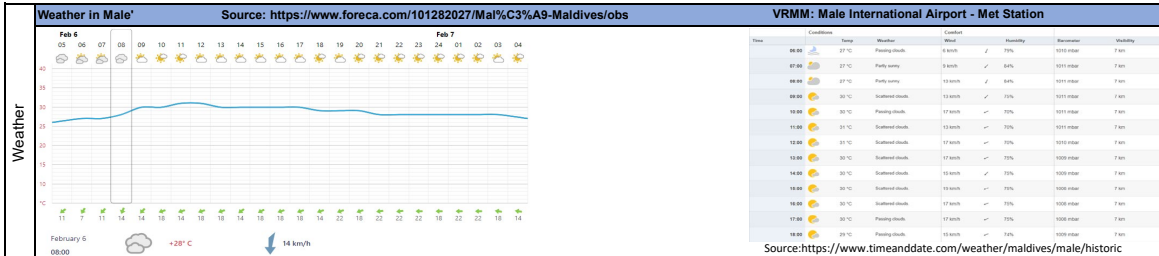
Location	Section	Depth (m)	Temperature (°C)	pH	Conductivity (uS/cm)	Turbidity (NTU)
W2	Surface	1	28.3	8.0	53686	0.23
	Mid-water	12	28.3	8.0	53596	0.11
	Bottom	24	28.3	8.0	53534	0.00
W5	Surface	1	28.2	6.5	53528	-0.05
	Mid-water	12	28.2	6.5	53528	-0.06
	Bottom	22	28.2	6.6	53491	-0.04
W7	Surface	1	28.3	7.2	53455	-0.18
	Mid-water	11	28.3	7.1	53446	-0.18
	Bottom	23	28.3	7.2	53411	-0.17
W10	Surface	1	28.3	7.6	53533	-0.14
	Mid-water	11	28.3	7.6	53467	-0.19
	Bottom	24	28.3	7.7	53477	-0.16
W11	Surface	1	28.3	7.7	53470	-0.13
	Mid-water	11	28.3	7.7	53445	-0.12
	Bottom	23	28.3	7.8	53438	-0.12
W14	Surface	1	28.3	8.0	53665	0.20
	Mid-water	8	28.3	8.1	53622	0.20
	Bottom	17	28.2	8.1	53592	0.34
W15	Surface	1	28.2	6.9	53416	-0.06
	Mid-water	11	28.2	7.2	53422	-0.11
	Bottom	22	28.2	7.6	53348	-0.11
W16	Surface	1	28.3	7.9	53511	-0.19
	Mid-water	12	28.3	7.9	53497	-0.15
	Bottom	23	28.3	7.9	53485	-0.13
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



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: 07-02-2021

Time: 7:30 to 9:40

Project : Dredging, Land Reclamation and Revetment Works at Gulhifalhu □ Document number : 462.10062-WQR-38.5
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

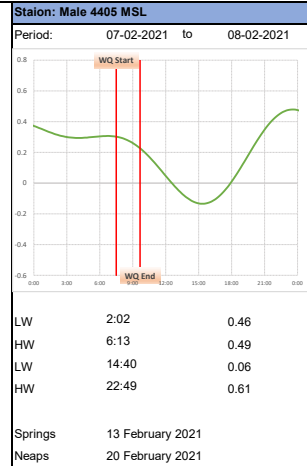
Results

Location	Section	Depth (m)	Temperature (°C)	pH	Conductivity (uS/cm)	Turbidity (NTU)
W2	Surface	1	28.3	8.0	53193	0.12
	Mid-water	12	28.3	8.0	53151	0.16
	Bottom	22	28.3	8.1	53138	0.14
W5	Surface	1	28.3	6.8	53135	-0.06
	Mid-water	12	28.2	6.9	53170	-0.05
	Bottom	23	28.2	7.0	53506	0.02
W7	Surface	1	28.2	7.2	53186	0.04
	Mid-water	12	28.2	7.1	53143	-0.08
	Bottom	23	28.1	7.0	53187	0.00
W10	Surface	1	28.2	7.5	53108	-0.09
	Mid-water	12	28.2	7.5	53093	-0.17
	Bottom	24	28.2	7.5	53080	-0.02
W11	Surface	1	28.3	7.7	53163	0.01
	Mid-water	11	28.3	7.7	53171	-0.07
	Bottom	23	28.3	7.7	53117	-0.07
W14	Surface	1	28.4	8.1	53229	0.08
	Mid-water	8	28.3	8.2	53221	0.10
	Bottom	17	28.2	8.1	53147	0.31
W15	Surface	1	28.2	7.1	53473	-0.10
	Mid-water	11	28.2	7.4	53440	-0.09
	Bottom	24	28.3	7.7	53404	-0.09
W16	Surface	1	28.3	7.9	53168	-0.06
	Mid-water	12	28.3	7.9	53164	-0.07
	Bottom	24	28.3	8.1	53137	-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

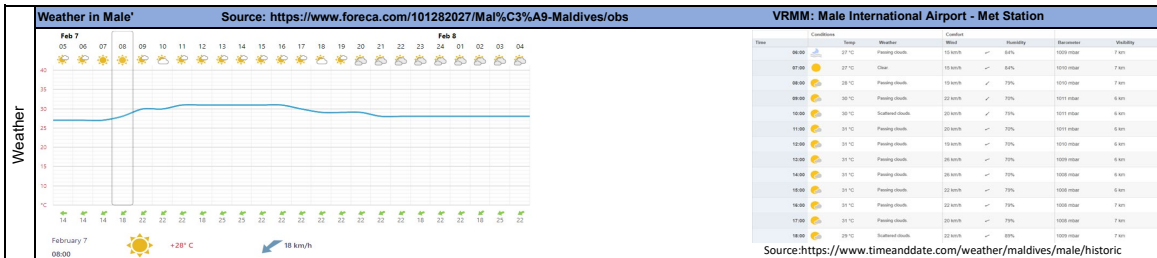
Vessel	Stop	Start

Tides



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



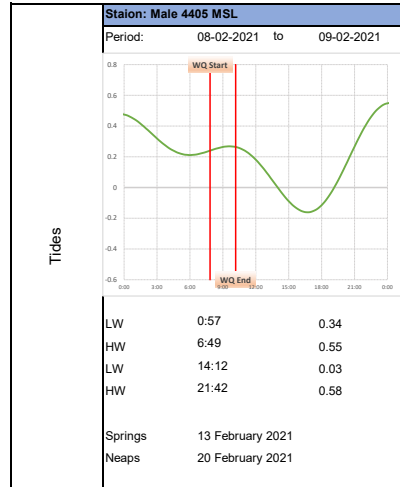
Date: 08-02-2021

Time: 7:50 to 10:10

Project : Dredging, Land Reclamation and Revetment Works at Gulhifalhu □ Document number : 462.10062-WQR-38.6
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

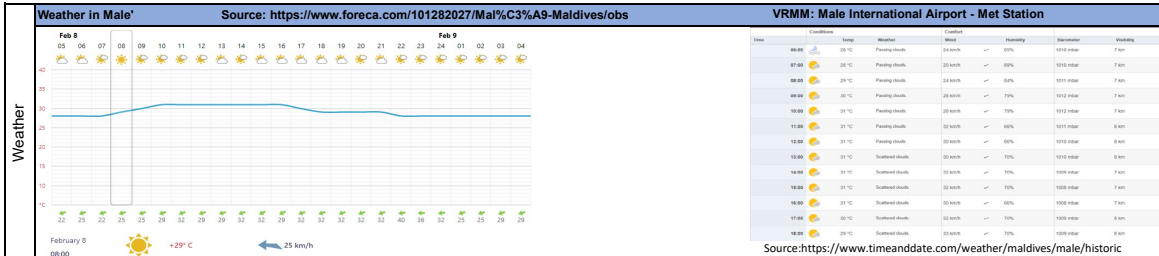
Location	Section	Depth (m)	Temperature (°C)	pH	Conductivity (uS/cm)	Turbidity (NTU)
W2	Surface	1	28.3	8.0	53122	-0.07
	Mid-water	11	28.3	8.0	53122	-0.06
	Bottom	24	28.3	8.0	53097	-0.06
W5	Surface	1	28.2	6.4	53543	0.03
	Mid-water	12	28.2	6.5	53494	0.03
	Bottom	23	28.2	6.5	53487	0.01
W7	Surface	1	28.2	7.2	53592	0.02
	Mid-water	12	28.2	7.1	53588	-0.04
	Bottom	23	28.2	7.0	53597	-0.02
W10	Surface	1	28.3	7.6	53591	-0.20
	Mid-water	12	28.3	7.5	53560	-0.18
	Bottom	23	28.2	7.6	53532	-0.18
W11	Surface	1	28.3	7.7	53089	-0.19
	Mid-water	11	28.3	8.0	53573	-0.18
	Bottom	24	28.3	7.9	53560	-0.17
W14	Surface	1	28.3	8.1	53141	0.09
	Mid-water	8	28.3	8.1	53144	0.09
	Bottom	17	28.3	8.1	53137	0.30
W15	Surface	1	28.2	6.5	53442	-0.10
	Mid-water	12	28.2	6.8	53388	-0.07
	Bottom	23	28.2	7.1	53345	-0.04
W16	Surface	1	28.3	7.9	53086	-0.13
	Mid-water	11	28.3	7.9	53039	-0.15
	Bottom	21	28.3	7.9	53020	-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					

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: 09-02-2021

Time: 7:30 to 10:00

Project : Dredging, Land Reclamation and Revetment Works at Gulhifalhu □ Document number : 462.10062-WQR-38.7
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

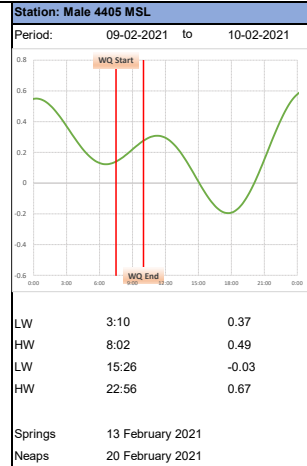
Results

Location	Section	Depth (m)	Temperature (°C)	pH	Conductivity (uS/cm)	Turbidity (NTU)
W2	Surface	1	28.2	8.2	53214	-0.02
	Mid-water	12	28.2	8.2	53196	0.00
	Bottom	23	28.2	7.9	53156	0.04
W5	Surface	1	28.2	6.9	53583	-0.01
	Mid-water	12	28.2	7.1	53549	0.00
	Bottom	23	28.2	6.8	53616	0.12
W7A	Surface	1	28.2	7.7	53135	-0.03
	Mid-water	12	28.2	7.6	53199	-0.04
	Bottom	22	28.1	7.5	53209	-0.02
W10	Surface	1	28.2	7.9	53207	0.03
	Mid-water	12	28.2	7.9	53242	-0.09
	Bottom	23	28.2	7.9	53250	-0.10
W11	Surface	1	28.2	8.1	53175	-0.04
	Mid-water	12	28.2	8.0	53134	-0.08
	Bottom	22	28.2	8.0	53132	-0.07
W14	Surface	1	28.3	8.3	53197	0.05
	Mid-water	8	28.3	8.3	53212	0.14
	Bottom	17	28.2	8.3	53180	0.11
W15	Surface	1	28.2	7.3	53494	-0.12
	Mid-water	11	28.2	7.6	53431	-0.15
	Bottom	25	28.2	8.1	53343	-0.13
W16	Surface	1	28.3	8.2	53202	-0.06
	Mid-water	12	28.3	8.2	53199	-0.06
	Bottom	23	28.2	8.1	53165	-0.05
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

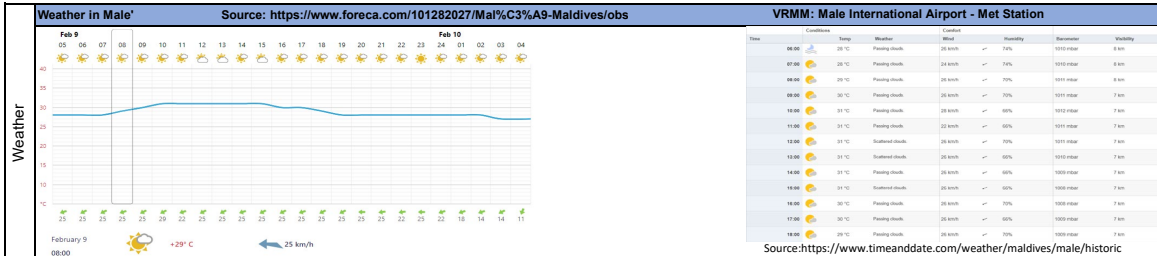
Vessel	Stop	Start

Tides



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: 10-02-2021

Time: 11:45 to 14:25

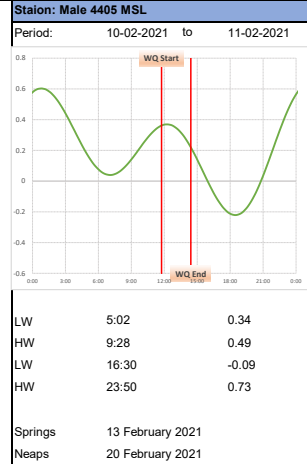
Project : Dredging, Land Reclamation and Revetment Works at Gulhifalhu □ Document number : 462.10062-WQR-38.8
Contract number : AGR(471)-PIDS2/PRIV/2019/194 Contractor : Boskalis Westminster Contracting Ltd
Project number [MIAS] : 462.10042 Client : Ministry of National Planning and Infrastructure
Attention : shaana.farooq@planning.gov.mv

Results

Location	Section	Depth (m)	Temperature (°C)	pH	Conductivity (uS/cm)	Turbidity (NTU)
W2	Surface	2	28.6	8.2	53487	0.03
	Mid-water	7	28.5	8.0	53466	0.02
	Bottom	17	28.3	7.8	53414	0.07
W5	Surface	2	28.6	8.0	53279	-0.08
	Mid-water	12	28.4	8.0	53220	-0.01
	Bottom	20	28.3	8.4	53202	-0.01
W7	Surface	2	28.3	7.9	53451	-0.08
	Mid-water	9	28.3	7.8	53410	-0.05
	Bottom	16	28.3	7.7	53392	-0.08
W10	Surface	1	28.4	8.1	53399	-0.07
	Mid-water	10	28.3	8.3	53382	-0.08
	Bottom	22	28.3	8.1	53360	-0.08
W11	Surface	2	28.4	8.1	53441	-0.08
	Mid-water	9	28.3	8.0	53435	-0.09
	Bottom	20	28.2	7.9	53433	-0.09
W14	Surface	1	28.5	8.2	53476	0.10
	Mid-water	7	28.4	8.0	53451	0.17
	Bottom	12	28.3	8.0	53442	0.39
W15	Surface	2	28.4	6.9	53743	-0.01
	Mid-water	11	28.3	6.8	53696	-0.06
	Bottom	17	28.3	6.9	53668	-0.07
W16	Surface	1	28.6	8.0	53425	-0.06
	Mid-water	11	28.4	7.8	53435	-0.02
	Bottom	24	28.4	7.8	53407	0.01
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

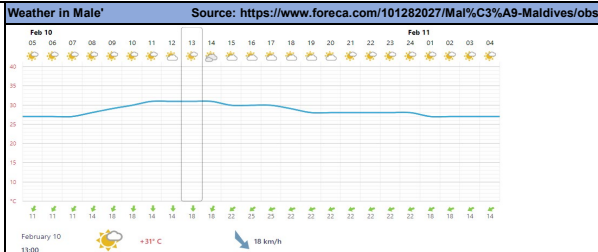
Tides



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



VRMM: Male International Airport - Met Station

Time	Clouds	Temp	Weather	Wind	Pressure	Humidity	Turbidity
06:00	0%	27 °C	Partly cloudy	10 km/h	✓	70%	0.00 mbar
07:00	0%	27 °C	Partly cloudy	9 km/h	✓	64%	0.00 mbar
08:00	0%	28 °C	Partly cloudy	10 km/h	✓	70%	0.00 mbar
09:00	0%	29 °C	Partly cloudy	17 km/h	✓	74%	0.00 mbar
10:00	0%	30 °C	Partly cloudy	17 km/h	✓	70%	0.00 mbar
11:00	0%	31 °C	Partly cloudy	15 km/h	✓	66%	0.00 mbar
12:00	0%	31 °C	Scattered clouds	15 km/h	✓	70%	0.00 mbar
13:00	0%	31 °C	Partly cloudy	17 km/h	✓	66%	0.00 mbar
14:00	0%	31 °C	Scattered clouds	19 km/h	✓	66%	0.00 mbar
15:00	0%	30 °C	Scattered clouds	22 km/h	✓	70%	0.00 mbar
16:00	0%	30 °C	Scattered clouds	24 km/h	✓	70%	0.00 mbar
17:00	0%	30 °C	Scattered clouds	26 km/h	✓	70%	0.00 mbar
18:00	0%	29 °C	Scattered clouds	22 km/h	✓	74%	0.00 mbar

Source: <https://www.timeanddate.com/weather/maldives/male/historic>



WATER QUALITY REPORT

Dredging, Land Reclamation and Revetment Works at Gulhifalhu



Date: 11-02-2021

Time: 9:10 to 11:30

Project : Dredging, Land Reclamation and Revetment Works at Gulhifalhu
Contract number : AGR(471)-PIDS2/PRIV/2019/194
Project number [MIAS] : 462.10042

Document number : 462.10062-WQR-38.9
Contractor : Boskalis Westminster Contracting Ltd
Client : Ministry of National Planning and Infrastructure
Attention : shaana.farooq@planning.gov.mv

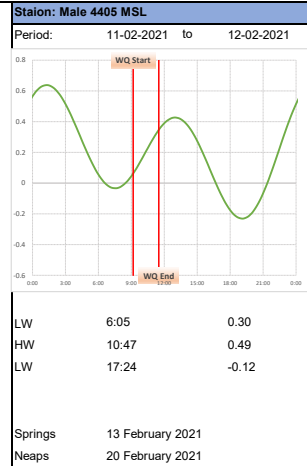
Results

Location	Section	Depth (m)	Temperature (°C)	pH	Conductivity (uS/cm)	Turbidity (NTU)
W2	Surface	1	28.3	8.4	53961	-0.01
	Mid-water	12	28.3	8.3	53941	-0.01
	Bottom	23	28.3	8.3	53953	0.02
W5	Surface	1	28.3	7.2	53879	-0.05
	Mid-water	11	28.3	7.1	53806	-0.05
	Bottom	22	28.3	7.1	53801	-0.03
W7	Surface	1	28.3	7.6	53974	-0.03
	Mid-water	12	28.3	7.5	54044	-0.01
	Bottom	22	28.3	7.5	54053	-0.03
W10	Surface	1	28.3	7.8	54060	0.00
	Mid-water	12	28.3	7.7	54054	0.03
	Bottom	23	28.2	7.7	54066	-0.07
W11	Surface	1	28.3	8.0	54076	-0.02
	Mid-water	11	28.3	8.0	54065	-0.03
	Bottom	24	28.2	8.0	54094	-0.05
W14	Surface	1	28.4	8.3	54005	0.03
	Mid-water	8	28.3	8.3	53971	0.01
	Bottom	17	28.3	8.3	53967	0.27
W15	Surface	1	28.3	7.3	53837	-0.11
	Mid-water	11	28.3	7.5	53772	-0.09
	Bottom	24	28.3	7.9	53769	-0.09
W16	Surface	2	28.4	8.4	53977	0.00
	Mid-water	12	28.4	8.4	53952	-0.04
	Bottom	21	28.4	8.4	53945	-0.04
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

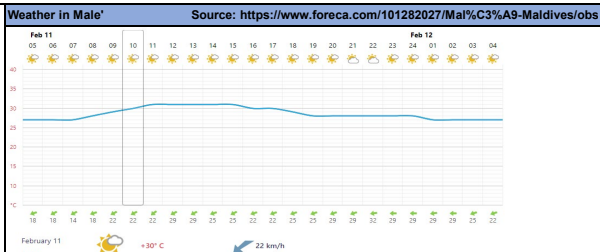
Tides



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



VRMM: Male International Airport - Met Station

Time	Temp	Weather	Wind	Humidity	Barometer	Visibility
06:00	27 °C	Partly cloudy	17 km/h	75%	1009 mbar	7 km
07:00	27 °C	Partly cloudy	15 km/h	75%	1010 mbar	7 km
08:00	28 °C	Partly cloudy	17 km/h	75%	1010 mbar	7 km
09:00	28 °C	Partly cloudy	20 km/h	75%	1010 mbar	7 km
10:00	28 °C	Partly cloudy	22 km/h	75%	1010 mbar	7 km
11:00	28 °C	Partly cloudy	22 km/h	75%	1010 mbar	7 km
12:00	28 °C	Partly cloudy	28 km/h	75%	1010 mbar	7 km
13:00	28 °C	Partly cloudy	28 km/h	75%	1010 mbar	7 km
14:00	28 °C	Partly cloudy	28 km/h	75%	1010 mbar	7 km
15:00	28 °C	Partly cloudy	28 km/h	75%	1010 mbar	7 km
16:00	28 °C	Partly cloudy	28 km/h	75%	1010 mbar	7 km
17:00	28 °C	Partly cloudy	28 km/h	75%	1010 mbar	7 km
18:00	28 °C	Partly cloudy	28 km/h	75%	1010 mbar	7 km

Source: <https://www.timeanddate.com/weather/maldives/male/historic>



WATER QUALITY REPORT

Dredging, Land Reclamation and Revetment Works at Gulhifalhu



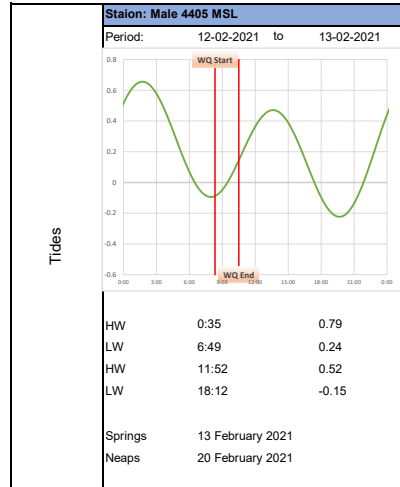
Date: 12-02-2021

Time: 8:20 to 10:30

Project : Dredging, Land Reclamation and Revetment Works at Gulhifalhu □ Document number : 462.10062-WQR-38.10
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

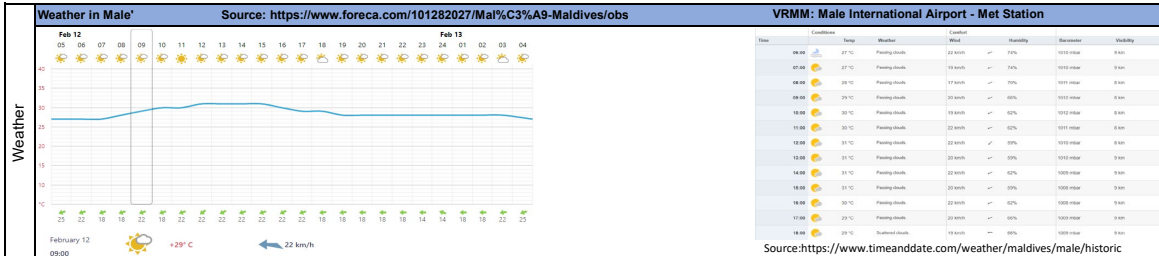
Location	Section	Depth (m)	Temperature (°C)	pH	Conductivity (uS/cm)	Turbidity (NTU)
W2	Surface	1	28.4	11.0	53605	-0.02
	Mid-water	11	28.3	11.0	53553	-0.02
	Bottom	22	28.4	11.0	53558	0.00
W5	Surface	1	28.3	7.2	53492	-0.04
	Mid-water	11	28.3	7.3	53477	-0.04
	Bottom	21	28.3	7.3	53478	-0.04
W7	Surface	1	28.3	7.7	53609	0.06
	Mid-water	11	28.3	7.6	53612	0.05
	Bottom	21	28.3	7.5	53601	0.05
W10	Surface	1	28.4	7.8	53661	-0.09
	Mid-water	12	28.4	7.8	53609	-0.08
	Bottom	22	28.4	7.8	53584	-0.08
W11	Surface	1	28.4	8.0	53502	-0.04
	Mid-water	12	28.3	8.0	53493	-0.07
	Bottom	22	28.4	8.1	53505	-0.05
W14	Surface	1	28.3	8.7	53471	0.14
	Mid-water	8	28.3	9.0	53531	0.16
	Bottom	17	28.2	9.3	53525	0.64
W15	Surface	1	28.4	7.4	53514	-0.11
	Mid-water	12	28.4	8.0	53473	-0.11
	Bottom	20	28.3	8.6	53451	-0.10
W16	Surface	1	28.4	8.1	53530	-0.06
	Mid-water	9	28.4	8.1	53499	-0.06
	Bottom	16	28.4	8.1	53515	-0.04
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

Calibrated Manta probe



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: 500186097****Customer Information:**

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

Report date: **09/02/2021**Test Requisition Form No: **900191170**Sample(s) Received Date: **07/02/2021**Date of Analysis: **08/02/2021 - 08/02/2021**

Sample Description ~	GF_REC-W15	GF_REC-W05	GF_REC-W07	TEST METHOD	UNIT
Sample Type ~	Sea Water	Sea Water	Sea Water		
Sample No	83216415	83216416	83216417		
Sampled Date ~	06/02/2021 07:32	06/02/2021 07:44	06/02/2021 08:03		
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: 500186097

Customer Information:

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

Report date: **09/02/2021**Test Requisition Form No: **900191170**Sample(s) Received Date: **07/02/2021**Date of Analysis: **08/02/2021 - 08/02/2021**

Sample Description ~	GF_REC-W10	GF_REC-W11	GF_REC-W16	TEST METHOD	UNIT
Sample Type ~	Sea Water	Sea Water	Sea Water		
Sample No	83216418	83216419	83216420		
Sampled Date ~	06/02/2021 08:18	06/02/2021 08:29	06/02/2021 08:44		
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

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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: 500186097

Customer Information:

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

Report date: 09/02/2021

Test Requisition Form No: 900191170

Sample(s) Received Date: 07/02/2021

Date of Analysis: 08/02/2021 - 08/02/2021

Sample Description ~	GF_REC-W02	GF_REC-W14	TEST METHOD	UNIT
Sample Type ~	Sea Water	Sea Water		
Sample No	83216421	83216422		
Sampled Date ~	06/02/2021 08:59	06/02/2021 09:11		
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

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~ Information provided by the customer

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