

Report Date: 12-12-2020

Week: 50-2020

Number: 029

Period: 5-12-2020

to 11-12-2020

Project : Dredging, Land Reclamation and Revetment Works at Gulhifalhu □ Document number

: 462.10062-WQR-29

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, Viligili, 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.
	Quarterly Nitrate, Nitrite and Phosphate analysis of seawater samples analyzed.
	Revetment installation works ongoing.

Mitigation	Corrective actions taken if necessary

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: 17/11/2020	Status: Used for measurements
	S/N: MT12183554	Calibration Date: N/A	Status: Spare

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

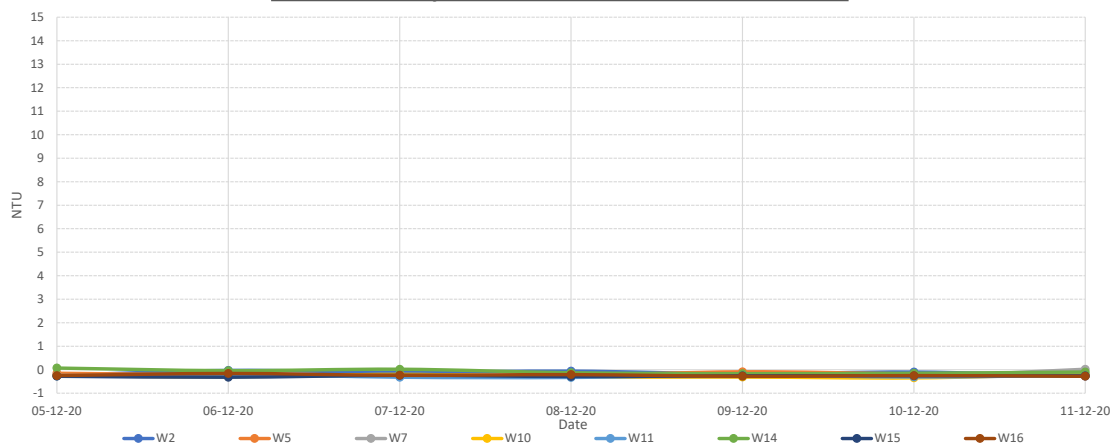
Signed by Contractor

Signed by Client

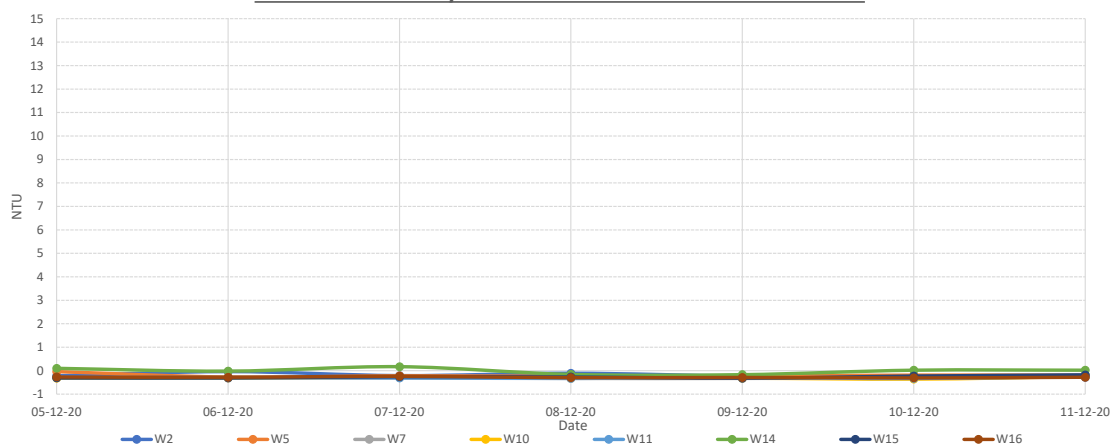
Report Date: 12-12-2020 Week: 50-2020 Period: 05-12-2020 to 11-12-2020

Project	: Dredging, Land Reclamation and Revetment Works at Gulhifalhu	Document number	: 462.10062-WQR-29.2
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

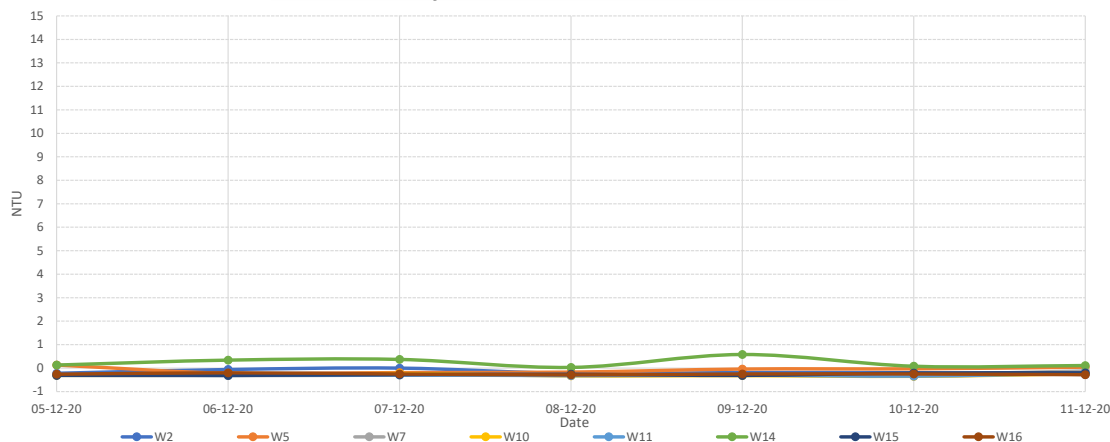
Surface Turbidity Measurements at the Reclamation Area



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: 05-12-2020

Time: 7:20 to 9:30

Project : Dredging, Land Reclamation and Revetment Works at Gulhifalhu □ Document number : 462.10062-WQR-29.4
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

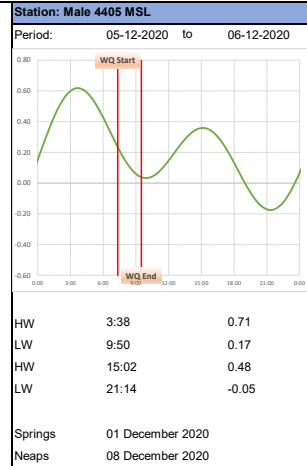
Results

Location	Section	Depth (m)	Temperature (°C)	pH	Conductivity (uS/cm)	Turbidity (NTU)
W2	Surface	1	29.2	7.4	55136	-0.24
	Mid-water	12	29.2	7.4	55200	-0.22
	Bottom	24	29.1	7.4	55167	-0.22
W5	Surface	1	29.1	6.9	55122	-0.15
	Mid-water	12	29.1	7.0	55098	-0.04
	Bottom	22	29.1	7.0	55109	0.13
W7	Surface	1	29.1	7.1	55159	-0.24
	Mid-water	12	29.1	7.3	55162	-0.30
	Bottom	23	29.1	7.3	55137	-0.28
W10	Surface	1	29.2	7.4	55190	-0.26
	Mid-water	12	29.2	7.4	55196	-0.32
	Bottom	22	29.2	7.4	55165	-0.31
W11	Surface	1	29.1	7.6	55165	-0.27
	Mid-water	12	29.1	7.6	55186	-0.29
	Bottom	22	29.1	7.6	55144	-0.28
W14	Surface	1	29.2	7.5	55229	0.07
	Mid-water	8	29.2	7.5	55194	0.10
	Bottom	18	29.1	7.4	55165	0.13
W15	Surface	2	29.1	6.9	55021	-0.28
	Mid-water	12	29.1	7.0	55043	-0.31
	Bottom	24	29.1	7.2	55016	-0.31
W16	Surface	1	29.1	7.4	55139	-0.25
	Mid-water	12	29.1	7.4	55164	-0.27
	Bottom	21	29.1	7.5	55175	-0.26
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

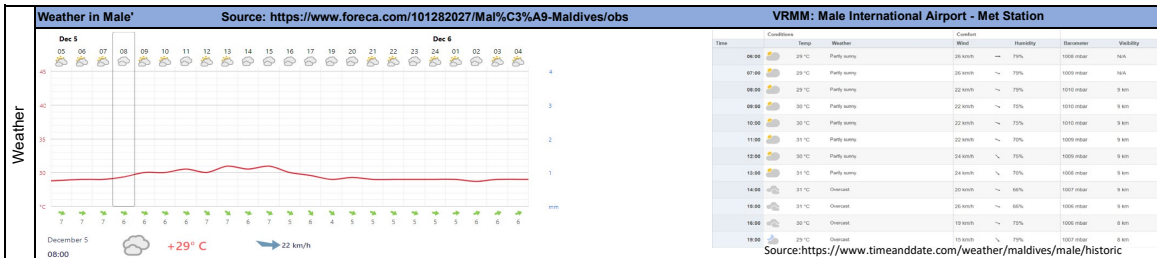
Tides



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 samples taken from all reclamation sites for TSS testing





WATER QUALITY REPORT

Dredging, Land Reclamation and Revetment Works at Gulhifalhu



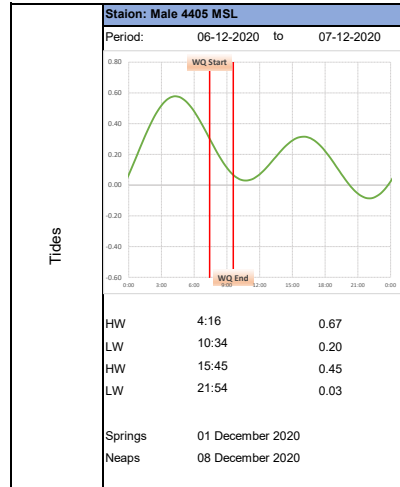
Date: 06-12-2020

Time: 7:25 to 9:35

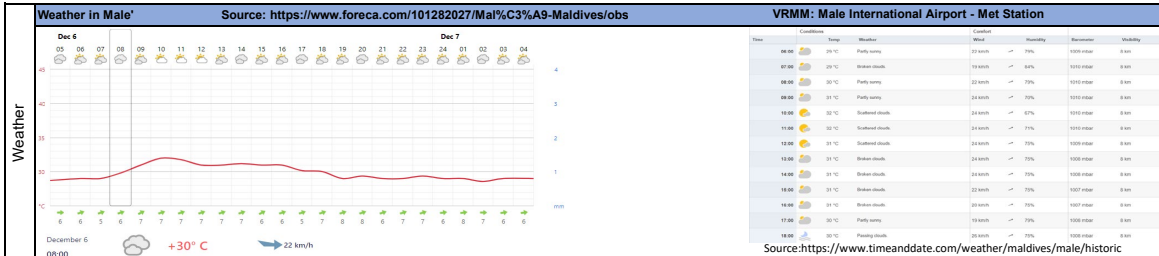
Project : Dredging, Land Reclamation and Revetment Works at Gulhifalhu □ Document number : 462.10062-WQR-29.5
Contract number : AGR(471)-PIDS2/PRIV/2019/194 Contractor : Boskalis Westminster Contracting Ltd
Project number [MIAS] : 462.10042 Client : Ministry of National Planning and Infrastructure
Attention : shaana.farooq@planning.gov.mv

Location	Section	Depth (m)	Temperature (°C)	pH	Conductivity (uS/cm)	Turbidity (NTU)
W2	Surface	1	29.1	7.6	55228	-0.03
	Mid-water	12	29.1	7.6	55211	-0.04
	Bottom	23	29.1	7.6	55161	-0.06
W5	Surface	1	29.0	7.4	55098	-0.22
	Mid-water	12	29.0	7.3	55068	-0.27
	Bottom	23	29.0	7.3	55093	-0.22
W7	Surface	1	29.2	7.6	55290	-0.28
	Mid-water	12	28.8	7.5	55215	-0.32
	Bottom	23	28.6	7.5	55183	-0.32
W10	Surface	1	29.2	7.6	55221	-0.30
	Mid-water	12	29.1	7.7	55221	-0.31
	Bottom	24	29.0	7.8	55183	-0.30
W11	Surface	1	29.2	7.6	55258	-0.19
	Mid-water	12	29.2	7.5	55244	-0.29
	Bottom	24	28.6	7.2	55151	-0.31
W14	Surface	1	29.2	7.6	55221	-0.04
	Mid-water	8	29.1	7.7	55208	-0.02
	Bottom	17	29.0	7.7	55212	0.34
W15	Surface	1	29.2	7.2	55151	-0.32
	Mid-water	12	29.2	7.2	55143	-0.31
	Bottom	22	29.2	7.3	55098	-0.31
W16	Surface	1	29.1	7.5	55261	-0.16
	Mid-water	12	29.1	7.5	55184	-0.28
	Bottom	23	29.1	7.5	55167	-0.20
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 QUALITY REPORT

Dredging, Land Reclamation and Revetment Works at Gulhifalhu



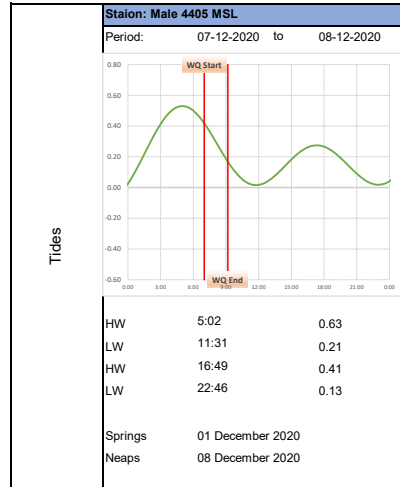
Date: 07-12-2020

Time: 7:00 to 9:10

Project : Dredging, Land Reclamation and Revetment Works at Gulhifalhu □ Document number : 462.10062-WQR-29.6
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

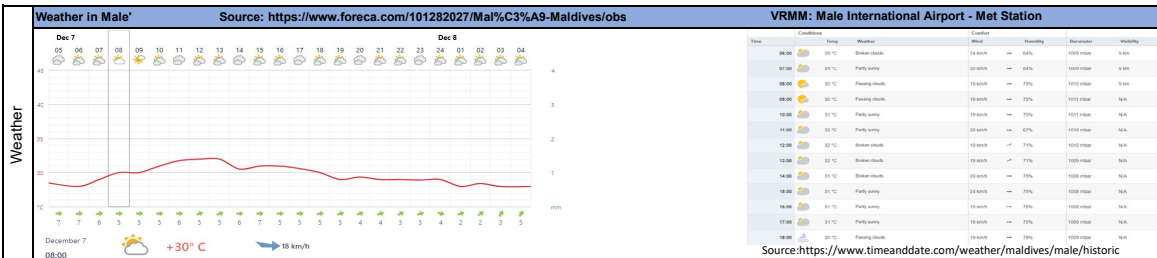
Location	Section	Depth (m)	Temperature (°C)	pH	Conductivity (uS/cm)	Turbidity (NTU)
W2	Surface	1	29.1	7.4	55230	-0.11
	Mid-water	12	29.1	7.4	55193	-0.21
	Bottom	23	29.0	7.4	55171	0.00
W5	Surface	1	29.0	6.0	55149	-0.23
	Mid-water	12	29.0	6.0	55112	-0.22
	Bottom	22	29.0	6.1	55071	-0.19
W7	Surface	1	29.0	6.7	55219	-0.27
	Mid-water	13	29.0	6.6	55201	-0.31
	Bottom	23	29.0	6.5	55154	-0.30
W10	Surface	1	29.2	7.2	55217	-0.20
	Mid-water	12	29.2	7.2	55242	-0.28
	Bottom	24	29.2	7.2	55224	-0.23
W11	Surface	1	29.2	8.4	55265	-0.32
	Mid-water	12	29.2	8.8	55229	-0.31
	Bottom	24	29.2	9.5	55227	-0.29
W14	Surface	1	29.2	7.5	55270	0.02
	Mid-water	8	29.2	7.6	55245	0.17
	Bottom	17	29.1	7.5	55247	0.37
W15	Surface	1	29.1	6.6	55101	-0.24
	Mid-water	12	29.1	6.8	55111	-0.26
	Bottom	24	29.0	7.0	55092	-0.28
W16	Surface	1	29.1	7.4	55179	-0.24
	Mid-water	12	29.0	7.5	55165	-0.24
	Bottom	21	29.0	7.6	55147	-0.25
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



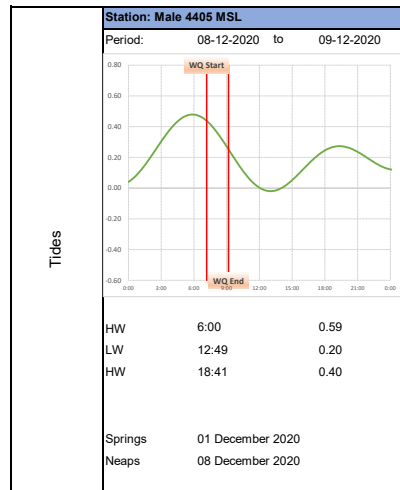
Date: 08-12-2020

Time: 7:10 to 9:10

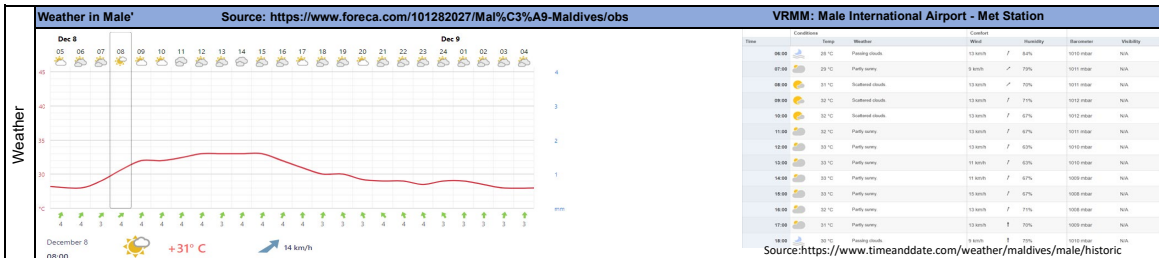
Project : Dredging, Land Reclamation and Revetment Works at Gulhifalhu □ Document number : 462.10062-WQR-29.7
Contract number : AGR(471)-PIDS2/PRIV/2019/194 Contractor : Boskalis Westminster Contracting Ltd
Project number [MIAS] : 462.10042 Client : Ministry of National Planning and Infrastructure
Attention : shaana.farooq@planning.gov.mv

Location	Section	Depth (m)	Temperature (°C)	pH	Conductivity (uS/cm)	Turbidity (NTU)
W2	Surface	1	29.2	7.2	55306	-0.06
	Mid-water	12	29.1	7.1	55319	-0.11
	Bottom	24	29.1	7.1	55294	-0.23
W5	Surface	2	29.0	5.6	55198	-0.24
	Mid-water	12	29.0	5.6	55132	-0.24
	Bottom	21	29.0	5.5	55141	-0.17
W7A	Surface	1	29.3	6.5	55329	-0.30
	Mid-water	12	29.3	6.4	55352	-0.33
	Bottom	24	29.3	6.4	55257	-0.30
W10	Surface	1	29.2	6.8	55335	-0.31
	Mid-water	11	29.2	6.7	55302	-0.32
	Bottom	24	29.2	6.7	55259	-0.33
W11	Surface	1	29.3	7.0	55341	-0.33
	Mid-water	12	29.2	6.9	55354	-0.33
	Bottom	23	29.2	6.8	55314	-0.32
W14	Surface	1	29.2	7.3	55350	-0.13
	Mid-water	8	29.2	7.2	55345	-0.16
	Bottom	17	29.2	7.2	55315	0.03
W15	Surface	1	29.1	5.5	55176	-0.29
	Mid-water	12	29.1	5.5	55192	-0.27
	Bottom	25	29.1	5.7	55142	-0.26
W16	Surface	1	29.1	7.1	55320	-0.21
	Mid-water	12	29.1	7.0	55280	-0.30
	Bottom	21	29.1	6.9	55255	-0.29
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 QUALITY REPORT

Dredging, Land Reclamation and Revetment Works at Gulhifalhu



Date: 09-12-2020

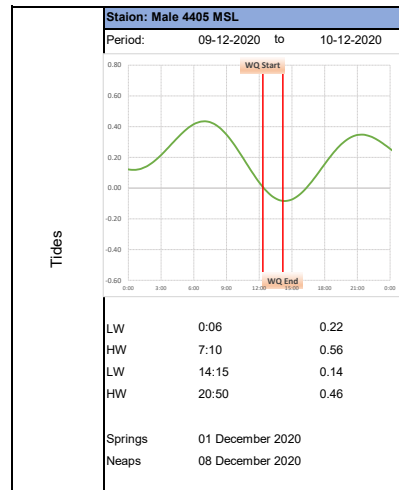
Time: 12:20 to 14:10

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

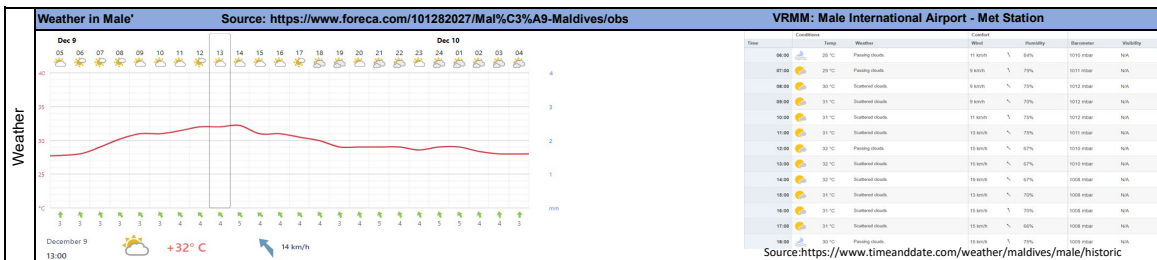
Document number : 462.10062-WQR-29.8
Contractor : Boskalis Westminster Contracting Ltd
Client : Ministry of National Planning and Infrastructure
Attention : shaana.farooq@planning.gov.mv

Location	Section	Depth (m)	Temperature (°C)	pH	Conductivity (uS/cm)	Turbidity (NTU)
W2	Surface	1	29.5	7.1	55441	-0.18
	Mid-water	12	29.1	7.0	55352	-0.23
	Bottom	23	29.0	7.0	55326	-0.19
W5	Surface	1	29.4	6.8	55345	-0.09
	Mid-water	12	29.2	6.7	55314	-0.22
	Bottom	21	29.1	6.7	55260	-0.04
W7	Surface	1	29.8	7.3	55480	-0.31
	Mid-water	12	29.4	7.1	55405	-0.33
	Bottom	24	29.3	7.0	55366	-0.31
W10	Surface	1	29.8	7.3	55505	-0.31
	Mid-water	11	29.7	7.1	55473	-0.32
	Bottom	23	29.4	7.0	55386	-0.32
W11	Surface	1	29.6	7.2	55445	-0.23
	Mid-water	12	29.5	7.2	55435	-0.30
	Bottom	23	29.3	7.1	55338	-0.30
W14	Surface	1	29.8	7.1	55488	-0.17
	Mid-water	10	29.4	6.9	55419	-0.17
	Bottom	18	29.3	6.9	55375	0.58
W15	Surface	1	29.2	6.7	55353	-0.26
	Mid-water	12	29.2	7.1	55300	-0.32
	Bottom	24	29.2	7.7	55327	-0.31
W16	Surface	1	29.4	7.1	55381	-0.28
	Mid-water	12	29.3	7.1	55341	-0.29
	Bottom	22	29.2	7.1	55331	-0.25
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: 10-12-2020

Time: 7:40 to 9:40

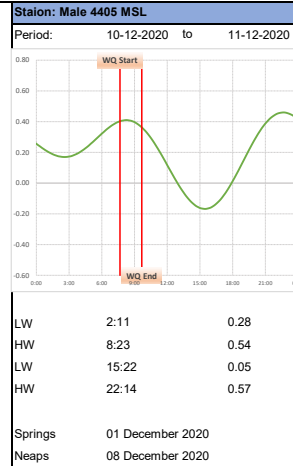
Project : Dredging, Land Reclamation and Revetment Works at Gulhifalhu □ Document number : 462.10062-WQR-29.9
Contract number : AGR(471)-PIDS2/PRIV/2019/194 Contractor : Boskalis Westminster Contracting Ltd
Project number [MIAS] : 462.10042 Client : Ministry of National Planning and Infrastructure
Attention : shaana.farooq@planning.gov.mv

Results

Location	Section	Depth (m)	Temperature (°C)	pH	Conductivity (uS/cm)	Turbidity (NTU)
W2	Surface	1	29.5	7.3	55348	-0.10
	Mid-water	12	29.2	7.1	55277	-0.26
	Bottom	22	29.0	7.1	55227	-0.20
W5	Surface	1	29.2	6.1	55270	-0.18
	Mid-water	11	29.2	6.1	55202	-0.19
	Bottom	20	29.1	6.0	55223	-0.03
W7	Surface	1	29.4	6.6	55321	-0.29
	Mid-water	12	29.4	6.5	55323	-0.29
	Bottom	23	29.3	6.5	55301	-0.27
W10	Surface	1	29.4	7.0	55308	-0.35
	Mid-water	12	29.4	7.0	55325	-0.36
	Bottom	23	29.4	6.8	55273	-0.35
W11	Surface	1	29.3	6.9	55304	-0.31
	Mid-water	11	29.2	6.8	55292	-0.33
	Bottom	23	29.2	6.8	55293	-0.34
W14	Surface	1	29.5	7.3	55395	-0.15
	Mid-water	8	29.4	7.3	55297	0.02
	Bottom	16	29.4	7.2	55302	0.08
W15	Surface	1	29.2	5.9	55250	-0.26
	Mid-water	12	29.2	6.0	55251	-0.23
	Bottom	24	29.2	6.2	55249	-0.21
W16	Surface	1	29.3	7.1	55310	-0.25
	Mid-water	11	29.2	7.0	55278	-0.31
	Bottom	23	29.1	6.9	55242	-0.25
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

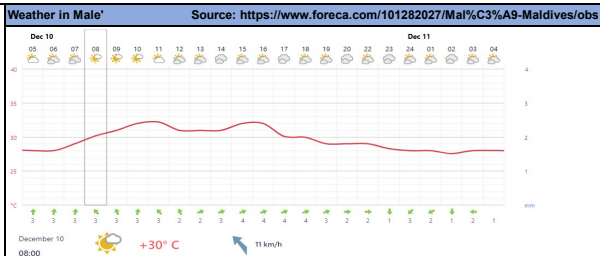
Tides



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	Condition	Temp	Humidity	Wind	Pressure	Visibility
06:00	Partly cloudy	28 °C	75%	5 knots	1013.0 hPa	N/A
07:00	Partly sunny	30 °C	70%	5 knots	1013.0 hPa	N/A
08:00	Partly cloudy	31 °C	70%	11 knots	1013.0 hPa	N/A
09:00	Partly cloudy	31 °C	70%	9 knots	1013.0 hPa	N/A
10:00	Partly cloudy	32 °C	67%	9 knots	1013.0 hPa	N/A
11:00	Overcast clouds	32 °C	71%	11 knots	1013.0 hPa	N/A
12:00	Partly cloudy	31 °C	70%	9 knots	1013.0 hPa	N/A
13:00	Partly cloudy	31 °C	70%	9 knots	1013.0 hPa	N/A
14:00	Partly cloudy	31 °C	70%	11 knots	1013.0 hPa	N/A
15:00	Partly sunny	32 °C	67%	13 knots	1013.0 hPa	N/A
16:00	Partly cloudy	32 °C	67%	13 knots	1013.0 hPa	N/A
17:00	Partly cloudy	32 °C	70%	13 knots	1013.0 hPa	N/A
18:00	Partly cloudy	32 °C	70%	13 knots	1013.0 hPa	N/A

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



WATER QUALITY REPORT

Dredging, Land Reclamation and Revetment Works at Gulhifalhu



Date: 11-12-2020

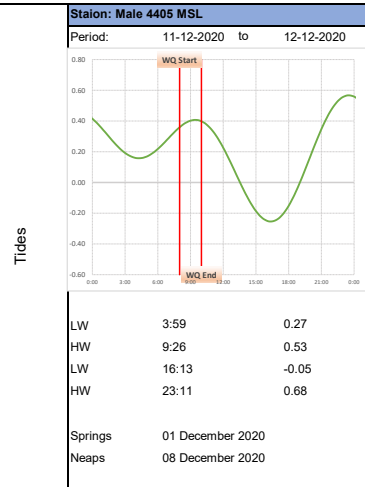
Time: 8:00 to 10:00

Project : Dredging, Land Reclamation and Revetment Works at Gulhifalhu □ Document number : 462.10062-WQR-29.10
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

Results

Location	Section	Depth (m)	Temperature (°C)	pH	Conductivity (uS/cm)	Turbidity (NTU)
W2	Surface	1	29.6	7.0	55252	-0.28
	Mid-water	12	29.4	6.8	55253	-0.28
	Bottom	23	29.4	6.8	55220	-0.27
W5	Surface	2	29.3	5.2	55233	-0.26
	Mid-water	12	29.3	5.2	55218	-0.19
	Bottom	19	29.3	5.2	55213	0.04
W7	Surface	1	29.3	5.9	55277	0.02
	Mid-water	12	29.3	5.9	55226	-0.19
	Bottom	23	29.2	5.8	55240	-0.12
W10	Surface	1	29.3	6.6	55283	-0.18
	Mid-water	11	29.2	6.5	55211	-0.25
	Bottom	23	29.2	6.5	55221	-0.24
W11	Surface	1	29.3	6.8	55260	-0.24
	Mid-water	11	29.2	6.6	55240	-0.25
	Bottom	24	29.1	6.6	55203	-0.22
W14	Surface	1	29.6	7.0	55279	-0.10
	Mid-water	8	29.4	7.0	55262	0.02
	Bottom	17	29.4	7.0	55238	0.11
W15	Surface	1	29.3	5.2	55202	-0.26
	Mid-water	12	29.3	5.3	55161	-0.18
	Bottom	23	29.3	5.5	55110	-0.20
W16	Surface	1	29.3	6.7	55271	-0.28
	Mid-water	12	29.3	6.6	55206	-0.28
	Bottom	22	29.3	6.5	55200	-0.28
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

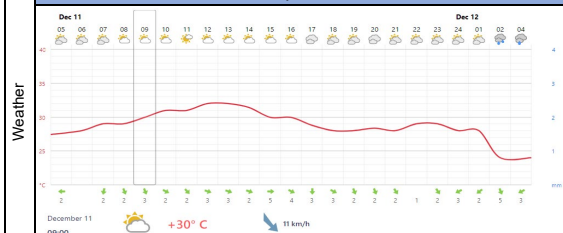


Remarks

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 in Male' Source: <https://www.foreca.com/101282027/Mal%C3%A9-Maldives/obs>

VRMM: Male International Airport - Met Station



Time	Temp	Weather	Wind	Humidity	Barometer	Visibility
06:00	29 °C	Partly cloudy	56 km/h	81%	1012 mbar	N/A
07:00	29 °C	Partly cloudy	5 km/h	79%	1011 mbar	N/A
08:00	29 °C	Scattered clouds	5 km/h	79%	1012 mbar	N/A
09:00	29 °C	Scattered clouds	5 km/h	79%	1012 mbar	N/A
10:00	31 °C	Scattered clouds	7 km/h	76%	1012 mbar	N/A
11:00	31 °C	Scattered clouds	7 km/h	76%	1012 mbar	N/A
12:00	32 °C	Scattered clouds	5 km/h	71%	1011 mbar	N/A
13:00	32 °C	Scattered clouds	11 km/h	61%	1010 mbar	N/A
14:00	31 °C	Scattered clouds	7 km/h	76%	1009 mbar	N/A
15:00	30 °C	Scattered clouds, Scattered clouds	10 km/h	76%	1009 mbar	N/A
16:00	30 °C	Scattered clouds	10 km/h	76%	1009 mbar	N/A
17:00	29 °C	Broken clouds	11 km/h	74%	1009 mbar	N/A
18:00	29 °C	Partly cloudy	5 km/h	68%	1010 mbar	N/A

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

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

**LB-TEST-090****WATER QUALITY TEST REPORT**
Report No: 500185587**Customer Information:**

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

Report date: **08/12/2020**Test Requisition Form No: **900190804**Sample(s) Received Date: **06/12/2020**Date of Analysis: **07/12/2020 - 07/12/2020**

Sample Description ~	GF_REC-W15	GF_REC-W05	GF_REC-W07	TEST METHOD	UNIT
Sample Type ~	Sea Water	Sea Water	Sea Water		
Sample No	83215253	83215254	83215255		
Sampled Date ~	05/12/2020 07:28	05/12/2020 07:39	05/12/2020 08:02		
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

WATER QUALITY TEST REPORT
 Report No: 500185587

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

Report date: **08/12/2020**
 Test Requisition Form No: **900190804**
 Sample(s) Recieved Date: **06/12/2020**
 Date of Analysis: **07/12/2020 - 07/12/2020**

Sample Description ~	GF_REC-W10	GF_REC-W11	GF_REC-W16	TEST METHOD	UNIT
Sample Type ~	Sea Water	Sea Water	Sea Water		
Sample No	83215256	83215257	83215258		
Sampled Date ~	05/12/2020 08:21	05/12/2020 08:35	05/12/2020 08:54		
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

**LB-TEST-090****WATER QUALITY TEST REPORT**

Report No: 500185587

Customer Information:

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

Report date: **08/12/2020**Test Requisition Form No: **900190804**Sample(s) Recieved Date: **06/12/2020**Date of Analysis: **07/12/2020 - 07/12/2020**

Sample Description ~	GF_REC-W02	GF_REC-W14	TEST METHOD	UNIT
Sample Type ~	Sea Water	Sea Water		
Sample No	83215259	83215260		
Sampled Date ~	05/12/2020 09:08	05/12/2020 09:19		
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 *****