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Date : 11 October 2017  
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## Test Report

Client/ Customer : **DHI Water & Environment (M) Sdn Bhd**  
Address : 3A01-02, Block G  
Pusat Dagangan Phileo Damansara 1,  
No.9, Jalan 16/11, Off Jalan Damansara,  
46350 Petaling Jaya, Selangor,  
Malaysia.

Sample Description : One (1) marine water  
Date Received : 02 October 2017  
Sample Marking : **WQ-6 S NE, WQ-6 M NE & WQ-6 B NE**

## Results of Analysis

| Parameters                | Methods         | Unit          | LOR  | Results   |           |           |
|---------------------------|-----------------|---------------|------|-----------|-----------|-----------|
|                           |                 |               |      | WQ-6 S NE | WQ-6 M NE | WQ-6 B NE |
| Biochemical Oxygen Demand | APHA 5210 B     | mg/L          | 1    | <1        | <1        | 1.0       |
| Total Suspended Solids    | APHA 2540 D     | mg/L          | 1    | 15        | 28        | 30        |
| Oil and Grease            | APHA 5520 B     | mg/L          | 1    | <1        | <1        | <1        |
| Ammoniacal Nitrogen       | APHA 4500-NH3 F | mg/L          | 0.01 | 0.53      | 0.26      | 0.33      |
| Nitrate                   | APHA 4500-NO3 E | mg/L          | 0.01 | 0.01      | <0.01     | <0.01     |
| Fecal Coliform            | APHA 9221 E     | MPN/<br>100mL | <1.8 | 22        | 2.0       | 2.0       |

### Note:

- 1) APHA (America Public Health Association) - Standard Methods for Examination of Water and Wastewater, 21<sup>st</sup> Edition
- 2) MPN – Most Probable Number Index
- 3) LOR – Limit of Reporting

Authorized by:



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Authorized by:



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\*\*\*End of Report\*\*\*

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### Test Report

**Client/ Customer** : **DHI Water & Environment (M) Sdn Bhd**  
**Address** : 3A01-02, Block G  
 Pusat Dagangan Phileo Damansara 1,  
 No.9, Jalan 16/11, Off Jalan Damansara,  
 46350 Petaling Jaya, Selangor, Malaysia.  
**Sample Description** : One (1) marine water  
**Date Received** : 02 October 2017  
**Sample Marking** : **WQ-7 S NE, WQ-7 M NE & WQ-7 B NE**

### Results of Analysis

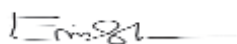
| Parameters                                | Methods         | Unit          | LOR   | Results   |           |           |
|-------------------------------------------|-----------------|---------------|-------|-----------|-----------|-----------|
|                                           |                 |               |       | WQ-7 S NE | WQ-7 M NE | WQ-7 B NE |
| Biochemical Oxygen Demand                 | APHA 5210 B     | mg/L          | 1     | 1.5       | 1.4       | 1.5       |
| Total Suspended Solids                    | APHA 2540 D     | mg/L          | 1     | 27        | 25        | 26        |
| Oil and Grease                            | APHA 5520 B     | mg/L          | 1     | <1        | <1        | <1        |
| Ammoniacal Nitrogen                       | APHA 4500-NH3 F | mg/L          | 0.01  | 0.02      | 0.02      | 0.05      |
| Nitrate                                   | APHA 4500-NO3 E | mg/L          | 0.01  | <0.01     | 0.01      | 0.01      |
| Fecal Coliform                            | APHA 9221 E     | MPN/<br>100mL | 1.8   | <1.8      | <1.8      | <1.8      |
| *Chromium, Hexavalent (Cr <sup>6+</sup> ) | APHA 3500 Cr B  | µg/L          | 2     | <2        | <2        | <2        |
| *Cadmium (Cd)                             | APHA 3120 B     | µg/L          | 1     | <1        | <1        | <1        |
| *Copper (Cu)                              | APHA 3120 B     | µg/L          | 1     | <1        | <1        | <1        |
| *Nickel (Ni)                              | APHA 3120 B     | µg/L          | 1     | <1        | <1        | <1        |
| *Iron (Fe)                                | APHA 3120 B     | µg/L          | 1     | <1        | <1        | <1        |
| *Lead (Pb)                                | APHA 3120 B     | µg/L          | 2     | <2        | <2        | <2        |
| *Manganese (Mn)                           | APHA 3120 B     | µg/L          | 1     | <1        | <1        | <1        |
| *Arsenic (As)                             | APHA 3114 C     | µg/L          | 1     | <1        | <1        | <1        |
| *Mercury (Hg)                             | APHA 3112 B     | µg/L          | 0.001 | <0.001    | <0.001    | <0.001    |

**Note:**

- 1) APHA (America Public Health Association) - Standard Methods for Examination of Water and Wastewater, 21<sup>st</sup> Edition
- 2) MPN – Most Probable Number Index
- 3) LOR – Limit of Reporting
- 4) \*Analyses were subcontracted to SAMM accredited laboratory

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\*\*\*End of Report\*\*\*

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**Date** : 11 October 2017  
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### Test Report

**Client/ Customer** : **DHI Water & Environment (M) Sdn Bhd**  
**Address** : 3A01-02, Block G  
 Pusat Dagangan Phileo Damansara 1,  
 No.9, Jalan 16/11, Off Jalan Damansara,  
 46350 Petaling Jaya, Selangor, Malaysia.  
**Sample Description** : One (1) marine water  
**Date Received** : 02 October 2017  
**Sample Marking** : **WQ-8 S NE, WQ-8 M NE & WQ-8 B NE**

### Results of Analysis

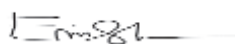
| Parameters                                | Methods                     | Unit          | LOR   | Results   |           |           |
|-------------------------------------------|-----------------------------|---------------|-------|-----------|-----------|-----------|
|                                           |                             |               |       | WQ-8 S NE | WQ-8 M NE | WQ-8 B NE |
| Biochemical Oxygen Demand                 | APHA 5210 B                 | mg/L          | 1     | <1        | <1        | <1        |
| Total Suspended Solids                    | APHA 2540 D                 | mg/L          | 1     | 19        | 22        | 23        |
| Oil and Grease                            | APHA 5520 B                 | mg/L          | 1     | <1        | <1        | <1        |
| Ammoniacal Nitrogen                       | APHA 4500-NH <sub>3</sub> F | mg/L          | 0.01  | 0.02      | <0.01     | <0.01     |
| Nitrate                                   | APHA 4500-NO <sub>3</sub> E | mg/L          | 0.01  | <0.01     | <0.01     | <0.01     |
| Fecal Coliform                            | APHA 9221 E                 | MPN/<br>100mL | 1.8   | <1.8      | <1.8      | <1.8      |
| *Chromium, Hexavalent (Cr <sup>6+</sup> ) | APHA 3500 Cr B              | µg/L          | 2     | <2        | <2        | <2        |
| *Cadmium (Cd)                             | APHA 3120 B                 | µg/L          | 1     | <1        | <1        | <1        |
| *Copper (Cu)                              | APHA 3120 B                 | µg/L          | 1     | <1        | <1        | <1        |
| *Nickel (Ni)                              | APHA 3120 B                 | µg/L          | 1     | <1        | <1        | <1        |
| *Iron (Fe)                                | APHA 3120 B                 | µg/L          | 1     | <1        | <1        | <1        |
| *Lead (Pb)                                | APHA 3120 B                 | µg/L          | 2     | <2        | <2        | <2        |
| *Manganese (Mn)                           | APHA 3120 B                 | µg/L          | 1     | <1        | <1        | <1        |
| *Arsenic (As)                             | APHA 3114 C                 | µg/L          | 1     | <1        | <1        | <1        |
| *Mercury (Hg)                             | APHA 3112 B                 | µg/L          | 0.001 | <0.001    | <0.001    | <0.001    |

**Note:**

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- 2) MPN – Most Probable Number Index
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### Test Report

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**Address** : 3A01-02, Block G  
 Pusat Dagangan Phileo Damansara 1,  
 No.9, Jalan 16/11, Off Jalan Damansara,  
 46350 Petaling Jaya, Selangor, Malaysia.  
**Sample Description** : One (1) marine water  
**Date Received** : 02 October 2017  
**Sample Marking** : **WQ-9 S NE, WQ-9 M NE & WQ-9 B NE**

### Results of Analysis

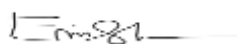
| Parameters                                | Methods                     | Unit          | LOR   | Results   |           |           |
|-------------------------------------------|-----------------------------|---------------|-------|-----------|-----------|-----------|
|                                           |                             |               |       | WQ-9 S NE | WQ-9 M NE | WQ-9 B NE |
| Biochemical Oxygen Demand                 | APHA 5210 B                 | mg/L          | 1     | <1        | <1        | 1.1       |
| Total Suspended Solids                    | APHA 2540 D                 | mg/L          | 1     | 19        | 18        | 20        |
| Oil and Grease                            | APHA 5520 B                 | mg/L          | 1     | <1        | <1        | <1        |
| Ammoniacal Nitrogen                       | APHA 4500-NH <sub>3</sub> F | mg/L          | 0.01  | 0.01      | < 0.01    | 0.03      |
| Nitrate                                   | APHA 4500-NO <sub>3</sub> E | mg/L          | 0.01  | <0.01     | <0.01     | <0.01     |
| Fecal Coliform                            | APHA 9221 E                 | MPN/<br>100mL | 1.8   | <1.8      | <1.8      | 2         |
| *Chromium, Hexavalent (Cr <sup>6+</sup> ) | APHA 3500 Cr B              | µg/L          | 2     | <2        | <2        | <2        |
| *Cadmium (Cd)                             | APHA 3120 B                 | µg/L          | 1     | <1        | <1        | <1        |
| *Copper (Cu)                              | APHA 3120 B                 | µg/L          | 1     | <1        | <1        | <1        |
| *Nickel (Ni)                              | APHA 3120 B                 | µg/L          | 1     | <1        | <1        | <1        |
| *Iron (Fe)                                | APHA 3120 B                 | µg/L          | 1     | <1        | <1        | <1        |
| *Lead (Pb)                                | APHA 3120 B                 | µg/L          | 2     | <2        | <2        | <2        |
| *Manganese (Mn)                           | APHA 3120 B                 | µg/L          | 1     | <1        | <1        | <1        |
| *Arsenic (As)                             | APHA 3114 C                 | µg/L          | 1     | <1        | <1        | <1        |
| *Mercury (Hg)                             | APHA 3112 B                 | µg/L          | 0.001 | <0.001    | <0.001    | <0.001    |

**Note:**

- 1) APHA (America Public Health Association) - Standard Methods for Examination of Water and Wastewater, 21<sup>st</sup> Edition
- 2) MPN – Most Probable Number Index
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- 4) \*Analyses were subcontracted to SAMM accredited laboratory

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\*\*\*End of Report\*\*\*

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## Test Report

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**Address** : 3A01-02, Block G  
Pusat Dagangan Phileo Damansara 1,  
No.9, Jalan 16/11, Off Jalan Damansara,  
46350 Petaling Jaya, Selangor,  
Malaysia.

**Sample Description** : One (1) marine water  
**Date Received** : 02 October 2017  
**Sample Marking** : **WQ-10 S NE, WQ-10 M NE & WQ-10 B NE**

## Results of Analysis

| Parameters                | Methods         | Unit          | LOR  | Results    |            |            |
|---------------------------|-----------------|---------------|------|------------|------------|------------|
|                           |                 |               |      | WQ-10 S NE | WQ-10 M NE | WQ-10 B NE |
| Biochemical Oxygen Demand | APHA 5210 B     | mg/L          | 1    | 1.3        | 1.1        | 1.2        |
| Total Suspended Solids    | APHA 2540 D     | mg/L          | 1    | 15         | 17         | 19         |
| Oil and Grease            | APHA 5520 B     | mg/L          | 1    | <1         | <1         | <1         |
| Ammoniacal Nitrogen       | APHA 4500-NH3 F | mg/L          | 0.01 | 0.12       | 0.06       | 0.05       |
| Nitrate                   | APHA 4500-NO3 E | mg/L          | 0.01 | <0.01      | <0.01      | 0.02       |
| Fecal Coliform            | APHA 9221 E     | MPN/<br>100mL | <1.8 | <1.8       | <1.8       | <1.8       |

### Note:

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- 2) MPN – Most Probable Number Index
- 3) LOR – Limit of Reporting

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\*\*\*End of Report\*\*\*



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## Test Report

**Client/ Customer** : DHI Water & Environment (M) Sdn Bhd  
**Address** : 3A01-02, Block G  
Pusat Dagangan Phileo Damansara 1,  
No.9, Jalan 16/11, Off Jalan Damansara,  
46350 Petaling Jaya, Selangor,  
Malaysia.

**Sample Description** : One (1) marine water  
**Date Received** : 02 October 2017  
**Sample Marking** : WQ-11 S NE, WQ-11 M NE & WQ-11 B NE

## Results of Analysis

| Parameters                | Methods                     | Unit          | LOR  | Results    |            |            |
|---------------------------|-----------------------------|---------------|------|------------|------------|------------|
|                           |                             |               |      | WQ-11 S NE | WQ-11 M NE | WQ-11 B NE |
| Biochemical Oxygen Demand | APHA 5210 B                 | mg/L          | 1    | <1         | <1         | 1.1        |
| Total Suspended Solids    | APHA 2540 D                 | mg/L          | 1    | 21         | 24         | 26         |
| Oil and Grease            | APHA 5520 B                 | mg/L          | 1    | <1         | <1         | <1         |
| Ammoniacal Nitrogen       | APHA 4500-NH <sub>3</sub> F | mg/L          | 0.01 | 0.01       | <0.01      | 0.02       |
| Nitrate                   | APHA 4500-NO <sub>3</sub> E | mg/L          | 0.01 | <0.01      | <0.01      | <0.01      |
| Fecal Coliform            | APHA 9221 E                 | MPN/<br>100mL | <1.8 | <1.8       | <1.8       | <1.8       |

### Note:

- 1) APHA (America Public Health Association) - Standard Methods for Examination of Water and Wastewater, 21<sup>st</sup> Edition
- 2) MPN – Most Probable Number Index
- 3) LOR – Limit of Reporting

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\*\*\*End of Report\*\*\*