
**Introduction:** Water Supplies Department (WSD) has launched **TWO** new commissioning requirements for plumbing works in unoccupied/occupied buildings and village houses in 2017 to improve the control on pipes and fittings installed in inside services.

**Water Sampling and Testing workflow**

### New Plumbing Works (Circular Letter No. 9/2017 – Stage 1)
- Applicable to WWO 46 Part IV submitted for new plumbing work on or after 15 October 2017
- After Cleansing and disinfection
- (No. 9 Stage 1 Part 1) Collect the Water sampling test under WSD Circular Letter Nos. 1/2015 and 5/2015
- (No. 9 Stage 1 Part 2) Collect 6-hour stagnation water samples for the sequence of Metals, Physical & Chemical and E. coli
- 2 minutes flushing and collect sample for Heterotrophic Plate Count (HPC)

### New Plumbing Works (Circular Letter No. 9/2017 – Stage 2)
- Applicable to WWO 46 Part IV submitted on or after 01 January 2018
- After Cleansing and disinfection
- Collect 6-hour stagnation water samples for the sequence of Metals, Physical & Chemical and E. coli
- 2 minutes flushing and collect sample for Heterotrophic Plate Count (HPC)

### Plumbing Works in Occupied Buildings/Village Houses (Circular Letter No. 10/2017)
- Applicable to WWO 46 Part IV submitted for new/replaced plumbing work in occupied buildings on or after 15 November 2017
- After Cleansing and disinfection
- 2 minutes flushing and collect sample for Heterotrophic Plate Count (HPC)
- ≤ 3 minutes flushing and stand stagnant for ≤ 30 minutes
- Collect Water samples for the sequence of Metals, Physical & Chemical and E. coli

### ALS HK has HKLAS accredited all testing parameters and fulfill the WSD requirement.

**Turnaround Time (TAT)**
- 6 Calendar Days for Normal service
- 4 Calendar Days for Express service

**Table 1: Summary of testing schedules for WSD Circular Letter No. 9/2017 and 10/2017**

<table>
<thead>
<tr>
<th>Test</th>
<th>Container Type (Preservation)</th>
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<tbody>
<tr>
<td>Metals</td>
<td>1L Red/Green Label Plastic Bottle (None)</td>
</tr>
<tr>
<td>Physical &amp; Chemical</td>
<td>500mL Green Label Plastic Bottle (Sodium Thiosulphate)</td>
</tr>
<tr>
<td>Heterotrophic Plate Count</td>
<td>250mL Orange Tagged Grey Label Sterilized Plastic Bottle (Sodium Thiosulphate)</td>
</tr>
<tr>
<td>E. coli</td>
<td>250mL Yellow Tagged Grey Label with Sterilized Plastic Bottle (Sodium Thiosulphate)</td>
</tr>
</tbody>
</table>

**For More Information:**
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*Remark: Sampling bottles will be applied for WSD Circular Letter No. 9/2017 Stage 1 Part 2 & Stage 2, No. 10/2017.

For more information about the application & requirement of WSD Circular Letter Nos. 1/2015 and 5/2015, please refer to below link: