**HYDRAULIC PRESSURE TEST FOR WATER MAINS**

**PROJECT LOCATION: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**CASE No: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**CONSTRUCTION COMPANY: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**FIELD TESTING COMPANY: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**WATER SERVICING COORDINATOR WATER SERVICING**

**COMPANY: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ COORDINATOR: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

***CHARGING OF MAIN:*** Sydney Water officer notified: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_/\_\_\_/\_\_\_

LOCATION OF CHARGED

MAIN USED: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ BY WHO: \_\_\_\_\_\_\_\_\_\_\_\_CONSTRUCTOR/FIELD TESTER

|  |  |
| --- | --- |
| ***PRE-DISINFECTION TEST RESULTS***  **Note:** Confirm the construction method used to determine the testing requirements. | **DATE \_\_\_/\_\_\_/\_\_\_** |
| **Odour test completed** | Yes |
| Rating scale:  1 – Excellent 2 - Excellent 3 - Some odour/acceptable  4 – Bad odour and unacceptable 5 – undrinkable and offensive | Rating:  1  2 3 4 5 |
| Note: A rating of 1 -3 must be achieved. | Pass  Fail |
| **Clarity test applicable** | Yes  No |
| Rating scale:  1 – Clear 2 – cloudy/milky 3 – Black/Brown 4 – Yellow/orange  5 – Blue/green 6 Other \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | Rating:  1  2 3 4 5 6 |
| Note: A rating of 1 must be achieved. | Pass  Fail |
| **Turbidity test applicable** | Yes  No |
| The test result is ≤ 2 NTU | Pass  Fail |
| ***PRELIMINARY PRESSURISATION OF MAIN*** | |

DATE \_\_\_/\_\_\_/\_\_\_ TIME: Start \_\_\_\_ am/pm – PRESSURE \_\_\_\_\_ Finish\_\_\_\_\_ am/pm – PRESSURE \_\_\_\_\_

|  |
| --- |
| ***HYDRAULIC PRESSURE TEST*** |

DATE \_\_\_\_/\_\_\_\_/\_\_\_\_ NOMINAL (N): \_\_\_\_\_\_\_\_ LENGTH (L): \_\_\_\_\_\_\_\_ DESIGN: \_\_\_\_\_\_\_\_

SIZE OF PIPE BEING TESTED PRESSURE

|  |  |  |
| --- | --- | --- |
| **Reading**  **No.** | **PRESSURE READING** | **WATER ADDED** |
| **1** |  |  |
| **2** |  |  |
| **3** |  |  |
| **4** |  |  |
| **5** |  |  |
| **6** |  |  |
| **7** |  |  |
| **8** |  |  |
|  | **Average** (H): \_\_\_\_\_\_ **(m)** | **Average / 0.5 hr: \_\_\_\_\_ (l)** |

**MAXIMUM ALLOWABLE LOSS RATE** (litres per hour)

Calc.: (0.14 x N ......... (mm) x Lp …..... (km) x H ….... (m)) = ….......... L*/hour*

*1000*

Where N = pipe size, Lp = length of pipe tested, H = test pressure aver.

|  |
| --- |
| ***STOP VALVE TESTING*** |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **No.** | **Location –**  **Chainage** | **Result** | **No.** | **Location –**  **Chainage** | **Result** |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |

**Test Result: COMPLY / NON COMPLY TO SYDNEY WATER STANDARDS**

**Comments: ...............................................................................................................................................................**

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**Test method in accordance with Water Supply Code of Australia (Sydney Water Edition), Clause 19.4**

**Test Performed by:** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_(Print) of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Date: \_\_\_/\_\_\_/\_\_\_**