**VALVE GENERAL CONDITION EVALUATION FORM**

Asset Location: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Address: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Asset Name (description): \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Asset ID: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Is this asset funded by ISC? □ YES □ NO If yes, what is the CAIS ID \_\_\_\_\_\_\_\_\_\_\_\_

ACRS-ID (Asset Code-No-Ext *e.g.*, A1A-008000-01):\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Present Use: Water Storm Sanitary Other: \_\_\_\_\_\_\_\_

Grade to Cover: Flush Below: \_\_\_\_\_ Above: \_\_\_\_\_\_\_\_

**ASSET INFORMATION/DESCRIPTION:**

|  |  |
| --- | --- |
| Year of Construction: |  |
| Material/Make/Model No.:  |  |
| Diameter (mm): |  |
| Cover diameter (mm): |  |
| Cover elevation (m): |  |
| Distance from centreline to top of nut (mm): |  |
| Date Last Exercised: |  |
| No. of turns (fully open to fully closed): |  |
| Date Last Tested: |  |
| Results of Test: |  |

**PRIOR MAINTENANCE ISSUES IDENTIFIED:**

*Have there been any complaints? What were they regarding?*

|  |  |
| --- | --- |
| Date Inspected (dd/mm/yyyy): |  |
| Weather/Temperature: |  |
| Inspected By (please print name): |  |

**VISUAL CONDITION EVALUATION**

|  |  |  |
| --- | --- | --- |
| **10** | **Very Good Condition** | Only normal maintenance required |
| **7-9** | **Minor Defects Only** | Minor maintenance required (5%) |
| **4-6** | **Maintenance Required to Return to Acceptable Level of Service** | Significant maintenance required (10-20%) |
| **1-3** | **Requires Renewal** | Significant renewal/upgrade required (20-40%) |
| **0** | **Asset Unserviceable** | Over 50% of asset requires replacement |

|  |  |  |
| --- | --- | --- |
| **Component** | **Condition Grading** | **Nature of Problem** ***if rating other than******10-Very Good*** |
| **Exterior Valve Box Condition** |  |  |
| Cover  |  |  |
|  Deterioration |  |  |
|  Infiltration |  |  |
|  Iron/Staining |  |  |
|  Surface Ponding |  |  |
| Frame |  |  |
|  Deterioration |  |  |
|  Infiltration |  |  |
|  Iron/Staining |  |  |
| **Interior Valve Box Condition** |  |  |
| Walls  |  |  |
|  Deterioration |  |  |
|  Infiltration |  |  |
|  Iron/Staining |  |  |
| Deposits |  |  |
| Stem |  |  |
|  Deterioration |  |  |
|  Infiltration |  |  |
|  Iron/Staining |  |  |
| **Valve Condition**  |  |  |
|  Sealing/Seating |  |  |
|  Bearing/Pivot Lubrication |  |  |
|  Vibration/Binding/Chattering |  |  |
| **OVERALL CONDITION GRADE** |  |  |

**Deterioration:** cracks, roots (fine, tap, mass)

**Infiltration:** seeping, dripping, running, gushing, standing water

**Deposits:** encrustation, fouling, settled deposits (i.e. fine, coarse, gravel, soil)

**Sealing/Seating:** sealed completely, minor leaking, moderate leaking, not operational

**Bearing/Pivot Lubrication:** mild resistance, moderate resistance, could not turn, freely turning

**MAINTENANCE ISSUES IDENTIFIED BY ASSESSMENT:**

**ADDITIONAL NOTES:**

|  |
| --- |
| **PHOTOGRAPHS** |
|  |  |
| **Photo 1:**  | **Photo 2:** |
|  |  |
| **Photo 3:**  | **Photo 4:**  |