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| **Field Data for Main Break Evaluation** |

1. **Date of Break**: Time \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ a.m. p.m.

2. **Type of Main**: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Size \_\_\_\_\_\_\_\_\_\_\_ Joint \_\_\_\_\_\_\_\_\_\_ Cover \_\_\_\_\_\_\_\_\_ (m) \_\_\_\_\_\_\_\_\_\_\_ (mm)

Thickness at point of failure: \_\_\_\_\_\_\_\_\_\_ in.

3. **Nature of Break**: Circumferential Longitudinal Circumferential & Longitudinal Blow-out Joint

Split at Corporation Sleeve Miscellaneous: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

4. **Apparent Cause** Water Hammer (surge) Defective pipe Corrosion Deterioration Improper Bedding

**of Break**: Excessive Operating Pressure Differential Settlement Temp. Change Contractor

Misc. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

5. **Street Surface**: Paved Unpaved 6. **Traffic:** Heavy Medium Light

7. **Type of Street Surface** \_\_\_\_\_\_\_\_\_\_\_\_\_ 8. **Type of Soil** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 9. **Corrosion** Inside Outside

10. **Conditions Found:**  Rocks Voids 11. **Proximity to other Utilities** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Depth of Frost \_\_\_\_\_\_\_\_\_\_\_ (m) Depth of Snow \_\_\_\_\_\_\_\_\_\_\_\_\_ (m)

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| **Office Data for Main Evaluation** |

1. **Weather Conditions:**  Previous two Weeks \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Sudden Change in Air Temperature? Yes No Temp. \_\_\_\_\_\_\_ C0 Rise \_\_\_\_\_\_\_\_ C0 Fall \_\_\_\_\_\_\_\_\_ C0

Sudden Change in Water Temperature? Yes No Temp. \_\_\_\_\_\_\_ C0 Rise \_\_\_\_\_\_\_\_ C0 Fall \_\_\_\_\_\_\_\_ C0

2. **Type**  Class or Thickness \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date Laid

Operating Pressure \_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_PSI Previous Break Reported \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

3. **Initial Installation Data**

Trench Preparation: Native Material Sand Bedding Gravel Bedding

Backfill: Native Material Pit Run Sand & Gravel Sand Gravel Crushed Rock Other

Settlement: Natural Water Compactors Vibrators Other

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| **Additional Data for Local Utility Use** |

1. Location of Break \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Map No. \_\_\_\_\_\_\_
2. Reported by \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
3. Damage to Paving and/or Private Property \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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1. Repairs Made (Materials, Labour, Equipment) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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5. Repair Difficulties (if any) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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6. Installing Contractor \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

REVIEWED Name:

Signature:

Date: