APPENDIX 3: FIELD DOCUMENTS AND FORMS

This appendix contains supporting documents for field activities:

- Retaining Wall Assessment Form
- Equipment Inventory Checklist
# Retaining Wall Field Assessment Form

| Address/Code: | ______________________________ |
| Engineer: | ______________________________ |
| Phase/Zone: | ______________________________ |
| Date: | ______________________________ |

1. **Define Retaining Wall Type.**
   - Foundation [ ]
   - Integral [ ]
   - Site/Slope [ ]
   *Mark the walls on the plan.*

2. **What is the height of the wall?** ………………….
3. **What is the length of the wall?** ………………….
4. **What is the thickness of the wall?** ………………..
5. **What is the embedment of the wall foundation?** …………………..
6. **Is there evidence of significant movement (settlement or bulging) that would impact the structural integrity or performance of the wall?**
   - YES [ ]
   - NO [ ]
   - N/A [ ]
7. **Have wall elements (rock, mortar) deteriorated excessively from sulfate attack, material breakdown, or other reasons in a manner that would affect the integrity or strength of the wall?**
   - YES [ ]
   - NO [ ]
   - N/A [ ]

8. **Other important comments**
   - …………………………………………………………………………………………………………………………………………………..
   - …………………………………………………………………………………………………………………………………………………..
   - …………………………………………………………………………………………………………………………………………………..
   - …………………………………………………………………………………………………………………………………………………..

**Foundation Walls**

1. **Is there sufficient width in front of the wall to complete construction of a buttress, such that adjacent property or structures are not impacted?**
   - YES [ ]
   - NO [ ]
   - N/A [ ]

**Integral Walls**

1. **Is the top of the wall sufficiently restrained by beam or roof structure to prevent outward movement?**
   - YES [ ]
   - NO [ ]
   - N/A [ ]
2. **Are there columns within the wall?**
   - YES [ ]
   - NO [ ]
   - N/A [ ]
   *If yes, what is the approximate spacing between columns?* …………………………..

**Site Walls/Slopes**

1. **What is condition of existing wall or slope (note signs of failure, distress, erosion, etc)?**
   …………………………………………………………………………………………………………………………………………………..
2. **Is there evidence that existing slopes or excavations are comprised of competent material (weathered rock, cemented soil) and standing vertical (i.e. adjacent slopes)?**
   - YES [ ]
   - NO [ ]
   - N/A [ ]

**Wall Retrofit/Repair**

1. **Are retrofit or repair measures necessary to ensure the continued performance and function of the retaining wall?**
   - YES [ ]
   - NO [ ]
2. **If yes, what mitigation measures are required?**
   - Void Fill [ ]
   - Surface Bond Overlay [ ]
   - Reinforced Overlay [ ]
   - Buttress [ ]
   - New Wall [ ]
   - Gabion [ ]
EQUIPMENT INVENTORY CHECKLIST

☐ Retaining Wall Assessment Program Manual

☐ Retaining Wall Assessment Field Form (Supplemental Questions) – sufficient number of copies

☐ Clipboard

☐ Pens/pencils

☐ Measuring Tapes (Hand and Reel)

☐ Clinometer

☐ Camera (with spare batteries)

☐ Flashlight