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**

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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