

APPENDIX A

Site-Specific Soil Parameters

| Sample ID | Depth (ft) | Soil water-filled porosity ¹ | Dry Bulk Density ² (g/cc) | Wet Bulk Density ³ (g/cc) | Percent Moisture ⁴ (g water/g soil) | Weight % Silt ⁵ |
|----------------|------------|---|--------------------------------------|--------------------------------------|--|----------------------------|
| RSAL6-0.5BSPLP | 0.5 | 0.315 | 1.71 | 2.02 | 18.4 | 12.4 |
| RSAU5-0.5BSPLP | 0.5 | 0.084 | 1.78 | 1.86 | 4.7 | 11.7 |
| RSAR3-0.5BSPLP | 0.5 | 0.166 | 1.73 | 1.90 | 9.6 | 13.4 |
| SA56-10BSPLP | 10 | 0.134 | 1.69 | 1.82 | 7.9 | 8.9 |
| RSAM3-10BSPLP | 10 | 0.145 | 1.59 | 1.74 | 9.1 | 9.1 |
| SA166-10BSPLP | 10 | 0.100 | 1.72 | 1.82 | 5.8 | 8.6 |
| SA182-10BSPLP | 10 | 0.182 | 1.74 | 1.92 | 10.4 | 6.9 |
| RSAJ3-10BSPLP | 10 | 0.154 | 1.77 | 1.92 | 8.7 | 15.1 |
| RSAI7-10B | 10 | 0.138 | 1.66 | 1.80 | 8.3 | NA |
| SA34-10BSPLP | 10 | 0.169 | 1.74 | 1.91 | 9.7 | 11.6 |
| RSAQ8-10BSPLP | 10 | 0.148 | 1.70 | 1.84 | 8.7 | 10.0 |
| RSAN8-10BSPLP | 10 | 0.189 | 1.68 | 1.87 | 11.3 | 5.4 |
| RSAQ4-10BSPLP | 10 | 0.141 | 1.84 | 1.98 | 7.7 | 12.8 |
| SA148-10BSPLP | 10 | 0.119 | 1.76 | 1.88 | 6.7 | 10.8 |
| SA30-9BSPLP | 9 | 0.160 | 1.80 | 1.96 | 8.9 | 9.8 |
| SA128-10BSPLP | 10 | 0.156 | 1.65 | 1.81 | 9.4 | 11.6 |
| SA102-10BSPLP | 10 | 0.135 | 1.77 | 1.90 | 7.7 | 13.0 |
| SA64-10BSPLP | 10 | 0.148 | 1.72 | 1.86 | 8.6 | 13.0 |
| Mean | | 0.155 | 1.73 | 1.88 | 9.0 | 10.8 |

Notes:

1: As measured according to ASTM D 2216

2: As measured according to ASTM D 2937

3: Calculated from dry bulk density & water-filled porosity

4: As measured according to ASTM D 2216

5: As measured according to ASTM D 422