**Table OP-5b-1 Soil Sampling Locations at Deep Well Sites and along East-West Road** (Page 1 of 1)

| Profile Number | Location | Soil Designation | Date Excavated |
|---|---|---|---|
| *Deep Well Sites* [1,2] | | | |
| NW Pad PR-1 | Well WDW-3. T25N, R93W, Section 13. | Pepal sandy loam | 9/9/09 |
| NW Pad PR-2 | Well WDW-3. T25N, R93W, Section 13. | Pepal sandy loam | 9/9/09 |
| NC Pad PR-1 | Well WDW-4. T25N, R92W, Section 18. | Pepal sandy loam | 9/9/09 |
| SE Pad PR-1[3] | Well WDW-2. T25N, R92W, Section 20. | Pepal sandy loam | 9/9/09 |
| SE Pad2 PR-1 | Well WDW-2. T25N, R92W, Section 19. | Pepal sandy loam | 9/11/09 |
| NE Pad PR-1 | Well WDW-5. T25N, R92W, Section 16. | Pepal sandy loam | 9/10/09 |
| NE Pad PR-2 | Well WDW-5. T25N, R92W, Section 16. | Pepal sandy loam | 9/10/09 |
| *East-West Road* [4] | | | |
| EW Rd PR-1 | T25N, R93W, Section 13. | Poposhia loam | 9/10/09 |
| EW Rd PR-2 | T25N, R92W, Section 18. | Teagulf sandy loam | 9/10/09 |
| EW Rd PR-3 | T25N, R92W, Section 18. | Pepal sandy loam | 9/10/09 |
| EW Rd PR-4 | T25N, R92W, Section 18. | Poposhia loam | 9/10/09 |
| EW Rd PR-5 | T25N, R92W, Section 18. | Pepal sandy loam | 9/11/09 |
| EW Rd PR-6 | T25N, R92W, Section 13. | Pepal sandy loam | 9/11/09 |
| EW Rd PR-7 | T25N, R92W, Section 13. | Poposhia loam | 9/11/09 |
| EW Rd PR-8 | T25N, R92W, Section 13. | Teagulf sandy loam | 9/11/09 |

(1) Sites are listed in order from west to east. Well locations relative to the Permit Area are shown on Plate OP-1.

(2) Well WDW-1 in the SW¼ of Section 25 was installed in late 2008 to provide information for the WDEQ-WQD Class I permit application. Because the area had already been disturbed and reclaimed and no upgrades of the existing road to the well are planned, no sampling was conducted.

(3) Based on field observations during the soil survey, the proposed location of Well WDW-2 was moved to reduce disturbance to a drainage and associated Lowland Big Sagebrush. Therefore, none of the samples from SE Pad PR-1 (the original location) were submitted for analysis; only the samples from SE Pad2 PR-1 and PR-2 were submitted.

(4) Sites are listed in numerical order, which goes from west to east.