Performance Work Statement (PWS) for Matting

Summary

The system proposed in this plan has been designed to meet the expectation that the site will be restored to its preconstruction condition, including topography and flow regime with minimal restoration efforts. The roads and pads in this plan are designed to have deflection of no greater than ____ maximum and ____ edge based on anticipated load conditions. The deflection limits associated with the design are consistent with the elastic compression range of the surface conditions which will naturally recover when the loads are removed. The upward sloping ends of the load distribution components limit root shear that can disrupt the vegetative layer and make restoration difficult.

Performance Outcome or Results Expectation:

1. Access is required for project construction activities.
    1.1. The contractor will perform matting to the following standards:
        1.1.1. Mats will have an attrition level below _10%_ or such that debris from damaged mats is not evident on the site. Attrition percentage is defined as the number of mats broken over the course of the project as compared to the total number of mats installed.
        1.1.2. Mat selection will be such that the anticipated activities are within the working load limit of the material.
        1.1.3. Mat application will result in ground impact less than ____ inches of indentation or such that ponding, beyond that which occurs prior to construction, does not occur.
        1.1.4. Mat application will result in an edge shear impact less than ____ inches of indentation or such that root damage and soil shear does not result in soil erosion.
        1.1.5. Mat application will result in maximum ground pressure less than __ psi.
        1.1.6. Mat application will result in average ground pressure less than __ psi.

Deliverable and Measurement:

2. Performance under this PWS will be measured as follows.
    2.1. An access plan will be submitted by the contractor describing how the expectation outlined in section 1 will be met.
    2.2. On site audits will be performed throughout the project and performance to expectation will be reported