**Wilderness Restoration Follow-Up Monitoring**

**Proposed Data dictionary definitions**

Draft version, PD/CR, 10/24/06; revised 11/17/06

**Last\_Name\_of\_Monitor**

**Wilderness\_Name**

**UTMs**

**Vehicle\_Way** – The Vehicle Way Number assigned in the WldMonitoring data taken immediately before this data. It is IMPERATIVE that this number is the same, so that the previous data can be referenced—this is why we’re not taking Line of Sight, Vegetation Density, etc. in this data dictionary (because you already did).

**Rest\_Date** – The best known date of previous restoration being monitored. Specifically 01-04, 04-05, or 05-06, based on the point navigated to. Or Other/Indeterminate if unknown.

**Rest\_Length** – Length (in meters) of previous restoration along the incursion. In many cases this will be the same length as the line of sight, but definitely not in all cases.

**Rest\_Techniques** – Techniques used for previous restoration. If a combination is present other than the combinations given, please list in the **Other\_Techniques** field.

**Rest\_Condition** – The relative condition of the restoration treatment.

* “Decimated” means restoration treatment is difficult to detect; all vertical mulch is mostly destroyed; berms knocked down; seed pits 90%+ filled in or gone; etc.
* “Poor” means restoration treatment is not holding up well; much vertical mulch has fallen over or been ridden over; seed pits mostly missing; etc.
* “Moderate” means restoration treatment is doing fairly well and is still largely effective; most vertical mulch is intact; seed pits still relatively intact; etc.
* “Good” means restoration treatment is fully intact and still effective.
* Note any comments about the condition in **Rest\_Comments**

**Vegetative\_Cover\_Amount** – How much new growth is there, with respect to the surrounding desert landscape (SDL)? (Note: SDL=+/- 50 feet on each side of route)

* “None”: 0-10% of ground cover of SDL (no sign of new growth on the incursion)
* “Light”: 10-25% of ground cover of SDL (mostly scattered annuals)
* “Moderate”: 25-50% of ground cover of SDL (significant regrowth: many annuals, maybe some perennials)
* “Heavy”: 50-100% of ground cover of SDL (if regrowth is present to the point that the incursion is blending in with the SDL)

**Vegetation\_Type** – What is growing there? Annuals, Perrenials, Invasives or some combination.

**Location\_of\_growth** – Where is the regrowth occurring, with respect to the restoration treatment?

* “Pits (VM)” if the regrowth is occurring in seed pits at the base of vertical mulch
* “Base of VM” if the regrowth is occurring right out of the vertical mulch hole
* “Non-VM Pits” if the regrowth is occurring in randomized pitting
* “Berm” if the regrowth is occurring along or at the base of the berm
* “Rips if the regrowth is occurring in rips
* “Random” if the regrowth is occurring in random spots in the route
* “Other” if regrowth is occurring elsewhere or a different combination

**Regrowth\_Comments** – Any other pertinent info about regrowth

**New\_Nearby\_Incursion** – Any new incursions that occurred at the site. Specifically, if it is an incursion that merely goes around the restoration and back onto the original incursion, or if it goes in a new direction.

**Non-Vehicluar\_Incursions** – Other types of incursions. Please note any other combinations or any other incursion comments in **Incursion\_Comments**

**Re-Restore?** – Should we re-restore it? And why or why not?

* “No- Effective Initial Treatment” if the restoration is fine as is
* “No- Greater Impact” if it is felt that the restoration has actually caused more of an impact (i.e. new incursions around it) and new restoration would further damage the ecosystem
* “Yes- Rest. Destroyed” if new restoration needs to be done that will largely be a new treatment of restoration
* “Yes- Rest. Touch-up” if there is only minor touch-up work needed to the restoration
* “Yes- New Incursions” if it is felt that the new incursions listed above need to be restored as well.