

From: [Deibert, Pat](#)
To: [Ron Baxter](#); [Mary Grim](#)
Cc: [Ted Koch](#); [Steve Abele](#); [Matt Kales](#)
Subject: Fwd: Updated Disturbance Table for conversation later
Date: Tuesday, January 13, 2015 2:24:36 PM
Attachments: [20141001 White Paper DRAFT Disturbance Table.xlsx](#)

Ron - this is the matrix that we last saw in October. I can explain it further as you need. FYI - we did NOT ask for the disturbance measure at the BSU level - BLM wanted to retain that for their uses. We want the cap at the project level.

p

----- Forwarded message -----

From: **Quamen, Frank** <fquamen@blm.gov>
Date: Wed, Oct 1, 2014 at 10:33 AM
Subject: Updated Disturbance Table for conversation later
To: "Toevs, Gordon R" <gtoevs@blm.gov>, Vicki Herren <vherren@blm.gov>, Matthew Magaletti <mmagalet@blm.gov>, Pat Deibert <pat_deibert@fws.gov>, Lara Juliusson <lara_juliusson@fws.gov>, Lief Wiechman <Lief_wiechman@fws.gov>
Cc: Robin Sell <rsell@blm.gov>

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got leks?

Broad/Mid-Scale (Population)**Habitat Degradation**

Unit:	WAFWA Populations
Area of Interest:	PHMAs
Data:	Westwide degradation data
Formula	Footprint
(Measure 2a):	PHMAs in Populations
Management:	Internal BLM & FS estimates
All Lands:	Yes
Fire Included:	No
Who:	NOC

Sagebrush Availability

Unit:	WAFWA Populations
Area of Interest:	PHMAs
Data:	LANDFIRE Updated EVT
Formula	Existing Updated Sagebrush
(Measure 1a):	PHMAs in Populations
Management:	Internal BLM& FS estimates
All Lands:	Yes
Fire Included:	Yes
Who:	NOC

Energy and Mining⁷

Unit:	WAFWA Populations
Area of Interest:	PHMAs
Data:	Westwide well & mine data
Formula	Well Pads and Mines
(Measure 3):	Square Mile
Management:	Internal BLM & FS estimates
All Lands:	Yes
Fire Included:	No
Who:	NOC

Intermediate Scale (BSU)**Habitat Degradation**

Unit:	Biologically Significant Unit
Area of Interest:	PHMAs
Data:	Westwide ⁴ , State, Local
Formula	Footprint
(Measure 2a):	PHMAs in BSUs
Management:	3-5% ¹ Cap & Adapt. Mgmt ³
All Lands:	Yes
Fire Included:	No
Who:	NOC ⁶ or State Offices

Sagebrush Availability

Unit:	Biologically Significant Unit
Area of Interest:	PHMAs
Data:	Updated EVT or State data
Formula	Existing Updated Sagebrush
(Measure 1a):	PHMAs in BSUs
Management:	Adaptive Management ³
All Lands:	Yes
Fire Included:	Yes
Who:	NOC ⁶ or State Offices

Local/Project (Seasonal Habitat)**Habitat Degradation**

Unit:	WAFWA Populations
Area of Interest:	Project Area or Seasonal Hab.
Data:	State, Local
Formula:	Footprint
	Proj., Seas. Hab., BpS in PHMA ⁵
Management:	3-5% ¹ Disturbance Cap
All Lands:	Yes
Fire Included:	No ²
Who:	State Offices or Field Offices

Energy and Mining⁷

Unit:	Biologically Significant Unit
Area of Interest:	PHMAs or Project or seas
Data:	Westwide ⁴ , State data
Formula (Measure	Well Pads and Mines
3):	Square Mile
Management:	Project Authorization
All Lands:	Yes
Fire Included:	No
Who:	NOC ⁶ or State Offices

NOTES:

PHMA = Priority Habitat Management Area; EVT = Existing Vegetation Type; BpS = Areas of Biotic Potential

¹ *A 5% disturbance cap will be allowed if: 1) Fire is included in the calculation 2) Digitized data from 1m resol. imagery is used 3) The State Government also participates in this*

² *Fire only included if 5% dist cap is used*

³ *Trends to inform Adaptive Management*

⁴ *If you do not have state or local data for all lands, supplement with westwide data*

⁵ *This analysis should be based on the project area, lek buffers, lek complexes, other seasonal habitat, or BpS clipped to PHMA (such as DDCT)*

⁶ *NOC can assist if using westwide data*

⁷ *Only mines with a Plan of Operation (>5 acres of disturbance)*