

Petroglyph Energy, Inc.
Well Pad Final Reclamation Evaluation

Well Name: Anselmo 07-13

Evaluation Date: July 14, 2015

Evaluated by: Lindsey Brandt; Senior Environmental Scientist; Habitat Management, Inc.

Current Condition

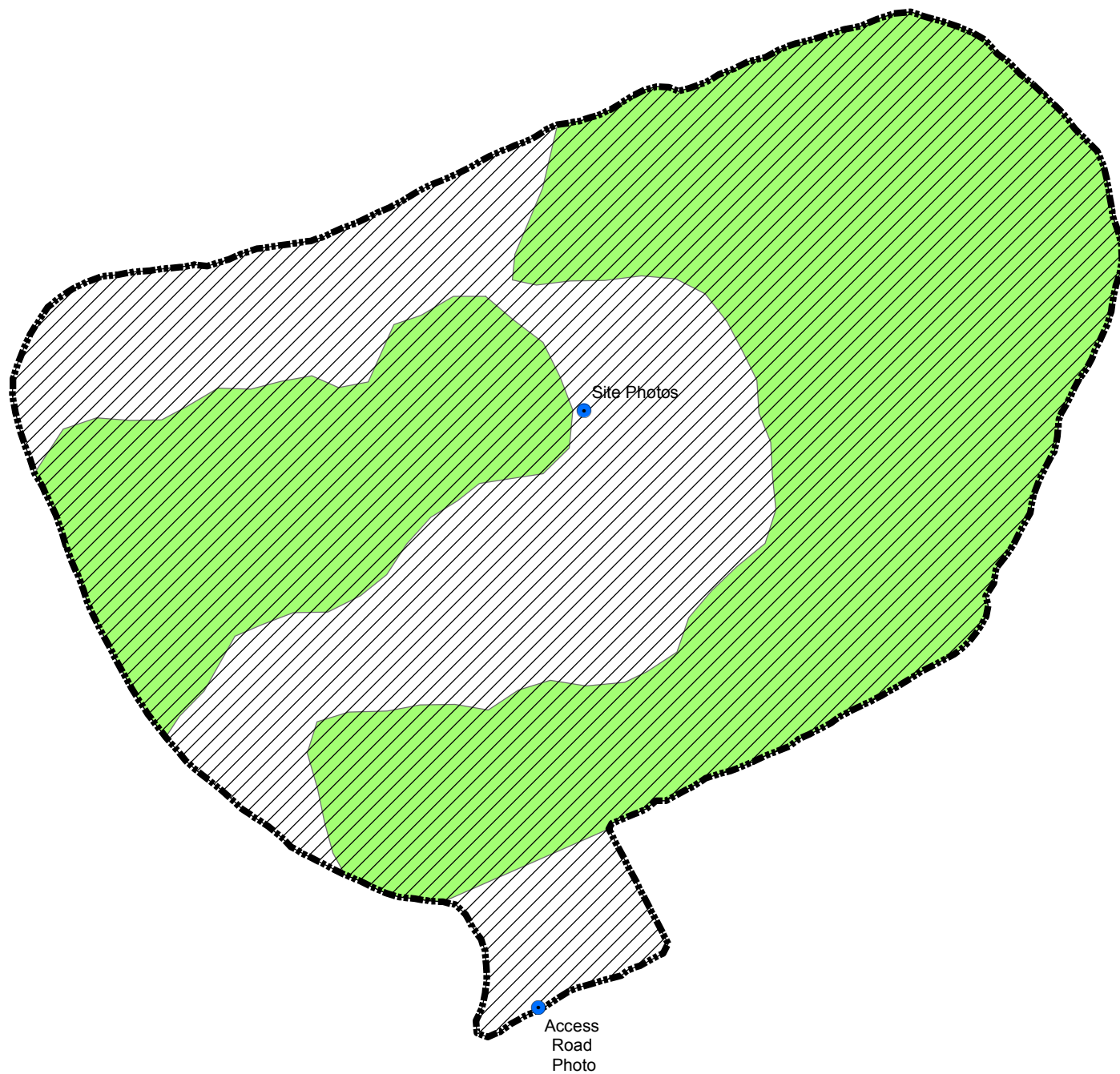
Vegetation on the Anselmo 07-13 pad is generally well established including perennial grasses with vegetation coverage typical for the region. However the vegetation is inhibited by a heavy infestation of cheatgrass (*Bromus tectorum*). The aggressive nature of cheatgrass combined with its early germination and growth compared to native species enables the cheatgrass to be a limiting factor in the establishment and persistence of desirable vegetation on the pad.

Recommended Actions

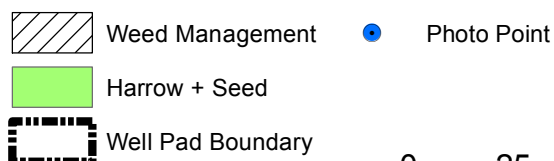
The entire well pad should be treated in the fall of 2014 to minimize the cheatgrass infestation. Prior to herbicide application the site should be mowed to remove the standing dead annual vegetation and allow for effective soil contact of herbicides. A pre-emergent herbicide should be applied to prevent germination of this winter annual.

Finally, areas of poor vegetation establishment indicated on the attached map should be re-seeded using a no-till drill or harrow and broadcast method. The approved seed mix should be used at the approved target rate. Seeding can occur any time from late fall to early spring, as ground conditions allow. Mulching is optional in this portion of the well pad.

After management activities are completed the site should be checked periodically to verify germination of newly seeded areas, for infestations of other noxious weeds, and for other issues that may arise and impact the reclamation area.



Management Activity	Acres
Weed Management	1.34
Harrow & Seed	0.86



Petroglyph Energy 2015

Anselmo 07-13



Evaluated: 7/15/15
 Drawn: 12/14/15
 Drawn By: RFB

Anselmo 07-13



Access road

Photo Date 7/14/2015

Lat: 37.5310289557 Long: -104.8316541861



Looking East

Photo Date 7/14/2015

Lat: 37.5315163884 Long: -104.8316062153



Looking North

Photo Date 7/14/2015

Lat: 37.5315163884 Long: -104.8316062153



Looking South

Photo Date 7/14/2015

Lat: 37.5315163884 Long: -104.8316062153



Looking West

Photo Date 7/14/2015

Lat: 37.5315163884 Long: -104.8316062153