

Table MU1 3-2 Vegetation Disturbance (Page 1 of 2)

Facility ¹	Type of Disturbance ²	Vegetation Type		Comments
		Upland Big Sagebrush	Lowland Big Sagebrush	
<i>Support Facilities</i>				
Staging Area & Shop	R	1.18	--	
Access Road ³	R	2.82	0.56	Secondary road.
Trunkline	R	0.99	0.19	Trench.
	T	5.56	1.28	Temporary stockpile of topsoil & excavated material.
Topsoil Stockpiles	T	4.28	<0.01	
Transmission Line	T	1.29	0.22	Disturbance corresponds with width of two-track road, which would be used to bring in construction equipment & materials.
Fence	T	0.96	0.31	
Header Houses	R	0.17	--	Area includes building footprint, perimeter access, and topsoil stockpile. Roads from Header Houses to Access Road are included with the Access Road.
<i>Pattern Area</i>				
Pattern Area	R	2.89	0.26	Based on 10% ST disturbance within pattern area (see Figure OP-6b in the main permit document). The LT disturbances for Header Houses and Access Roads are specified above.
	T	14.43	4.28	Based on LC ISR, LLC discussions with WDEQ-LQD on amount of disturbance allowed before topsoil stripping required.
<i>Monitor Well Ring</i>				
Mud Pits for Monitor Wells	--	--	--	Monitor ring wells were installed in Summer/Fall 2008 and associated disturbance reclaimed.
Monitor Wells	--	--	--	The above-ground casing for each well occupies a very small space (e.g., 1 ft by 1 ft). Topsoil removed during installation of the wells in Fall 2008 was replaced around the wells.
Two-Track Road (monitor well ring)	T	2.25	0.48	Topsoil will not be stripped from this road unless problems are encountered in maintaining portions of road (e.g., drainage crossing); therefore, no disturbance is planned at this time.
Vegetation Disturbance	R	8.04	1.01	
	T	24.48	6.57	

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Facility ¹	Type of Disturbance ²	Vegetation Type		Comments
		Upland Big Sagebrush	Lowland Big Sagebrush	
<i>Existing Disturbance</i>				
Office Trailer & Staging Area	--	0.08	<0.01	
Two-Track Roads	--	2.22	0.65	
Monitor Ring Wells	Reclaimed	0.07	0.02	

¹ Facility locations and distribution of vegetation types are shown on Figure MU1 3-2.

² R = removal during installation of facility; area will be reseeded once associated facility is completed or removed and topsoil respread.
 T = trodden during installation of facility; area will be overseeded if necessary to prevent erosion of topsoil.

³ Includes road through MU1 and roads connecting header houses to that road.