

## Sensitive Area Determination Checklist

Williams Production RMT Company – Valley		
<b>Person(s) conducting inspection</b>	Ashlee Lane	12/03/09
<b>Site Information</b>	Existing location with proposed well pad extension	
Location:	RU 34-6	Time: 1130
Type of Facility:	Well Pad	
<b>Environmental Conditions</b>	Clear and calm; soils are dry and frozen; snow patches present in some areas.	
Temperature (°F)	10°F	

### **SURFACE WATER**

1. Are there any surface water features or SWSAs adjacent to or within ¼ mile of the proposed/new or existing facility?

☒ Yes      ☐ No

If yes, list type of surface water feature(s), i.e. rivers, creeks, streams, seeps, springs, wetlands: Unnamed Intermittent stream

If yes, describe location relative to facility: South of the location ~580 feet

2. Could a potential release from the facility reach surface water features?

☒ Yes      ☐ No

If yes, describe the pathway a release from the facility would likely follow to determine if the potential to impact surface water is high or low.

If a release were to occur off the southwest side of the pad it would migrate down the hillside adjacent to the pad. However the hillside is covered with Piñon/Juniper forest. The vegetation would act as a buffer making the likelihood of a release reaching the surface water very low.

3. Is the potential to impact surface water from a facility release high or low?

☐ High      ☒ Low



**Additional Comments:**

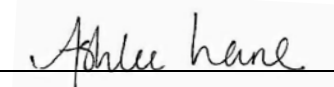
No water well data is available for this location and/or the area surrounding the location. Vegetation in the area of proposed expansion does not suggest the presence of shallow groundwater within the immediate proximity of the facility.

The proposed pad expansion will be located on top of a mesa. South/south west of the location the topography drops off abruptly into the main Flat Iron Mesa valley approximately 166 feet below the pad where the unnamed intermittent stream is located. As stated in the surface water section the hillside is well vegetated which would aid in mitigating any release that could potentially migrate off the pad. In addition, the intermittent stream in the immediate vicinity below the proposed expansion exhibits more ephemeral characteristics than intermittent based on the vegetation present.

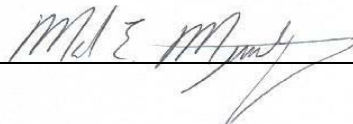
When expansion of the pad commences; if special attention is given to ensure adequate storm water BMP's are in place on the southwestern side of the well pad, this will further assist in mitigating any potential impacts to the unnamed intermittent stream below the pad.

Based on the above mentioned data, this location is not located within a sensitive area.

Inspector(s) Signature(s):



Date: 12/03/09



Date: 12/23/09