



## VOLUNTEER MONITORING FOR SHALE GAS IMPACTS Visual Observation Checklist

**Be sure to enter all data at [ALLARMwater.org](http://ALLARMwater.org)**

Site Information		Sample Information	
Monitor's Name		Assessment Date	
Site Location		Assessment Time	

### Earth Disturbances:

Stream:	Yes	No	Pipeline	Photo
Sediment enters stream, pond, or other water body				
Access Road:	Yes	No	Pipeline	Photo
Banks are not stabilized (no mulch, seeding, vegetation, etc.)				
Crosses stream and drainage from road empties into stream				
Not stabilized with clean substrate material (i.e. gravel)				
Drainage/mud/sediment from access road enters road ditch				
Drainage/mud/sediment from access road travels to main road				
Drill Pad, Storage Pond & Staging Area:	Yes	No	Pipeline	Photo
Earth disturbed at edge of water; no controls to stop/filter runoff				
Clean water enters the site from uphill with no diversion ditch				
Sediment BMP outlets empty into water body without filtering runoff				
Sediment BMP outlets are not stabilized (no mulch, seeding, vegetation, etc.)				

### Spills and Discharges:

Stream:	Yes	No	Pipeline	Photo
Unusual odor				
Discolored water (i.e. oily film)				
Persistent foam/bubbles (where there isn't normal agitation)				
Dead fish/organisms				
Evidence of illegal dumping				

### Gas Migration and Leakages:

Stream:	Yes	No	Pipeline	Photo
Gas bubbling to surface				
Unusual gas-like odor (mercaptan)				

Description of Observation(s):

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