

Proposed Case Definition

Criteria for a <i>Confirmed</i> Case of Health Effects Related to Oil & Gas Development Environmental Exposures	
Environmental Exposure	A documented* air and/or water exposure to an emission or contaminant originating from a shale gas site. *Instrument or laboratory measured air contaminant. Laboratory confirmed water contaminant.
AND Clinical Signs or Symptoms	The development of signs or symptoms or worsening of pre-existing signs or symptoms from two or more of the following systems: 1. Respiratory (cough, shortness of breath, wheezing, throat soreness or irritation, sinus problems, or nosebleeds) 2. Dermal (rash, pruritus, or irritation) 3. Neurological (headache or dizziness) 4. Gastrointestinal (nausea or abdominal pain) 5. Constitutional (sleep disruption or fatigue) 6. Eye Symptoms (pruritic, painful, or dry)
Criteria for a <i>Probable</i> Case of Health Effects Related to Oil & Gas Development Environmental Exposures	
Environmental Exposure	A presence for a period of at least 20 hours/week during a minimum of at least one month within one kilometer of one or more facilities extracting, transporting, processing or storing shale gas or waste.
AND Clinical Signs or Symptoms	The development of signs or symptoms or worsening of pre-existing signs or symptoms from two or more of the following systems: 1. Respiratory (cough, shortness of breath, wheezing, throat soreness or irritation, sinus problems, or nosebleeds) 2. Dermal (rash, pruritus, or irritation) 3. Neurological (headache or dizziness) 4. Gastrointestinal (nausea or abdominal pain) 5. Constitutional (sleep disruption or fatigue) 6. Eye Symptoms (pruritic, painful, or dry)
Criteria for a <i>Suspected</i> Case of Health Effects Related to Oil & Gas Development Environmental Exposures	
Environmental Exposure	A presence for a period of at least 20 hours/week during a minimum of at least one month within one to two kilometers of one or more facilities extracting, transporting, processing or storing shale gas or waste.
AND Clinical Signs or Symptoms	The development of signs or symptoms or worsening of pre-existing signs or symptoms from two or more of the following systems: 1. Respiratory (cough, shortness of breath, wheezing, throat soreness or irritation, sinus problems, or nosebleeds) 2. Dermal (rash, pruritus, or irritation) 3. Neurological (headache or dizziness) 4. Gastrointestinal (nausea or abdominal pain) 5. Constitutional (sleep disruption or fatigue) 6. Eye Symptoms (pruritic, painful, or dry)
<p>In order for a reported symptom to be considered potentially related to shale gas activity, the onset or worsening must have occurred after the beginning of the shale gas activity and must not have been as easily explained by a pre-existing medical condition, brief unrelated illness, or alternative exposure. New or worsening symptoms may be episodic, persistent or transient.</p>	