

Annotated Acronym Definitions

Antero: Antero Resources Corporation

BCC: Battlement Concerned Citizens: Grassroots citizen group formed in response to the Antero gas project.

bgs: below ground surface

BMC: Battlement Mesa Company: Owner of mineral and surface rights in Battlement Mesa.

BMSA: Battlement Mesa Service Association: Home owners association for Battlement Mesa residential communities.

BOCC: Garfield County Board of County Commissioners: Requested county environmental health to develop proposals to respond to citizens health concerns. Have indicated that HIA and health study proposals will satisfy this request.

BTEX: Benzene, Toluene, Ethyl-benzene, Xylene

CDPHE: Colorado Department of Public Health and Environment: Has consultative responsibility to the state permitting agency for comment health and environmental concerns, but has no regulatory responsibilities.

COGCC: Colorado Oil and Gas Conservation Commission: Colorado regulatory and permitting agency. Maintains databases for water quality, spills, and well locations Databases include federal and tribal lease owners as well as state lease owners. Provides permitting for state lease owners only.

CR: County Road

CSPH: Colorado School of Public Health: Faculty within the school, in the Division of Occupational and Environmental Health are primary investigators.

dB: decibel

EHMS: Environmental and Health Monitoring Study

EnCana: EnCana Oil and Gas (USA) Incorporated

EPA: United States Environmental Protection Agency

GCPH: Garfield County Public Health Department: county health agency with environmental health program. Environmental health program directed to respond to citizen concerns and has strong ties to all stakeholder groups. Environmental health program considered a regional leader in health and natural gas operations.

GCOG: Garfield County Oil and Gas Department: county department charged with investigating complaints about oil and gas issues within the County. GCOG maintains official records of complaints and reports to the Board of County Commissioners.

HIA: Health Impact Assessment

µg/L: micrograms per liter

µg/m³: micrograms per cubic meter

PM: Particulate Matter

PM_{2.5}: Particulate Matter of 2.5 microns or less

PM₁₀: Particulate Matter of 10 microns or less

PAH: polycyclic aromatic hydrocarbon

ppb: parts per billion

PUD: Planned Unit Development

RV: Recreational Vehicle

Saccomanno Study 2008 Community Health Risk Analysis of Oil and Gas Industry Impacts in Garfield County, Colorado

SGM: Schmueser/Gorden/Meyer Inc.

SIR: Standardized Incidence Ratio

tpy: tons per year

VdB: vibration decibels

VOC: Volatile Organic Compound

vt/d: vehicle trips per day

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USGS: United States Geological Survey