



COLORADO PARKS & WILDLIFE

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Off-Highway Vehicle (OHV) Sound Testing Annual Report to the Colorado General Assembly pursuant to 33-10-109 (1) (g) (IV) Colorado Revised Statutes

Pursuant to the reporting requirements of Colorado Revised Statutes (CRS) 33-10-110(g) (IV) regarding the cooperation between federal, state, and Colorado political subdivisions to implement section 25-12-110(1) and (2) of the CRS pertaining to OHV sound levels, this is the Department of Natural Resources' report to the General Assembly.

Background

Senate Bill SB08-063 empowered state peace officers to write citations for OHV sound level violations beginning July 1, 2010. Sound testing is performed in accordance with the Society of Automotive Engineers (SAE) sound standard: SAE J1287. The bill included provisions for both unlawful operation and sale of noncompliant OHVs.

A typical stock OHV that is available for sale to the public for purchase will easily pass the SAE J1287 sound test protocols. These vehicles also comply with the United States Environmental Protection Agency's sound standards however, some OHVs that are outfitted with aftermarket mufflers by their owners or stock mufflers that require maintenance or repair may not pass C.R.S 25-12-110 sound laws.

2009-2010 Activities

In 2010, the State OHV Program funded a grant for \$46,666 to provide sound testing training and equipment to relevant agencies throughout Colorado. This grant supported training for over 128 individuals and the purchase of 37 sound meters distributed to relevant agency personnel including local, state and federal law enforcement officials. The OHV program expended an additional \$10,000 which included the purchase of 4 additional sound meters for use by Colorado Parks and Wildlife (CPW) Trails Program personnel.

CPW Trails Program staff worked closely with the United States Forest Service (USFS), Bureau of Land Management (BLM) and Colorado Off-Highway Vehicle Coalition (COHVCO) to implement the new sound law. This working group produced a training curriculum, class materials and provided equipment needed to train law enforcement officers, land managers and OHV enthusiasts.

Information from motorsports manufactures that provides engine rotation data needed for testing is available on CPW's Trails – Off-Highway Vehicle website as a reference for law enforcement officers.

Registered OHV and snowmobile owners (approximately 165,000) were sent informational flyers that explained Colorado's new sound law over a two-year period prior to the law's enactment.

Free sound testing was provided at CPW's State Parks Regional offices and at over 60 different events and locations throughout the state of Colorado.

2011 Activities

State Parks Patrols/ Education

In 2011, free sound testing was provided for motorized enthusiasts at over 50 scheduled events. CPW Trails Program staff convened two training sessions for approximately 20 law enforcement officers. Educational OHV sound checks were provided free of charge at the CPW Littleton Office Complex and the Western Regional Office. Testing allowed enthusiasts to understand the condition or the legality of their machines prior to using them on the trail.

CPW officers made over 2,500 OHV rider contacts throughout Colorado without issuing any citations for OHV sound violations in 2011.

Forest Service

Forest Service Law Enforcement Officers (LEOs) did not write any violation notices or citations for OHV sound violations in 2011 rather they provided education on the regulations. They estimated that they had a total of 17 incidents involving sound testing equipment for OHVs. LEOs indicated that the deployment and use of the equipment is technical and requires experience.

The Forest Service will be developing information retrieval codes to better capture Colorado sound standard OHV violations in their law enforcement information tracking system.

Bureau of Land Management

The BLM reported writing one warning at the North Sand Hills during 2011 riding season.

2012 Activities

CPW Patrols/ Education

Free sound testing was available for motorized enthusiasts at over 50 scheduled events. Colorado Parks and Wildlife held a training session for 22 law enforcement officers this season. Educational OHV sound checks were provided free of charge at the Littleton Office Complex and the Western Regional Office. Parks and Wildlife officers performed approximately 25 courtesy tests as an evaluation of the rider's vehicle sound level before using it on the trail.

CPW officers made over 2,000 OHV rider contacts throughout Colorado without issuing any citations for OHV sound violations in 2012.

Forest Service

Forest Service Law Enforcement Officers (LEOs) did not write any OHV sound violations but did write 16 citations for improper spark arrestor.

Bureau of Land Management

The BLM did not write any violation notices or citations for sound during 2012.

2013 Activities

CPW Patrols and Activities

Free sound testing was available for motorized enthusiasts at over 30 scheduled events. Educational OHV sound checks were provided free of charge at the Littleton Office Complex and the Western Regional Office. CPW officers performed approximately 15 courtesy tests as an evaluation of the rider's vehicle sound level before using it on the trail.

CPW officers contacted 1,777 OHV riders and issued 11 warnings and 1 citation for spark arrestors. No citations or warnings were issued for sound violations.

Forest Service

Forest Service Law Enforcement Officers (LEOs) issued 1 citation for sound and wrote 36 warnings and 9 citations for improper spark arrestors during 2013.

Bureau of Land Management

The BLM did not write any violation notices or citations for sound during 2013

The CPW OHV program is finding very few OHVs out of compliance with state sound laws. The OHV industry is producing vehicles that meet state sound levels. Aftermarket exhaust manufacture companies are building products that meet most state and federal sound levels and standards.

2014 Activities

CPW Patrols/ Education

Free sound testing was provided for 196 motorized enthusiasts at over 50 OHV funded events. CPW held a training session for 22 law enforcement officers this season where OHV sound standards and tests were presented. Educational OHV sound checks were provided free of charge at the Littleton Office Complex and the Western Regional Office. CPW officers performed approximately 10 courtesy tests as an evaluation of the rider's vehicle sound level at OHV staging areas prior to those OHVs access to the trails system.

CPW OHV Program officers made over 3,300 OHV rider contacts throughout Colorado without issuing any citations for OHV sound violations in 2012. Spark Arrestor checks were emphasized with 49 citations and 39 warnings issued.

Forest Service

Forest Service Law Enforcement Officers (LEOs) did not write any OHV sound violations but did write 14 warnings for improper spark arrestor.

Bureau of Land Management

The BLM did not write any violation notices or citations for sound during 2013.