

NACAA GHG Permitting Survey

Summary Results: Estimated sources types newly subject to PSD and Title V as of July 1, 2011 February 18, 2011

As part of the GHG permitting survey, NACAA also asked respondents to provide an estimate of new permit applications and sources expected after July 1, 2011 for both the PSD and Title V programs. Several states indicated that they are unable to speculate on the number of expected new permit applications at this time. As a result, we plan to follow up on this closer to July 1. In the meantime, a number of states provided sources types that they anticipate will be new subject to the PSD and Title V programs due to GHGs as of July 1, 2011. This information is summarized in the chart below for the benefit of those who may be looking at similar source categories.

Please note that these are only best-guess estimates at this time.

STATE	SOURCE TYPES THAT MAY BE NEWLY SUBJECT TO PSD DUE TO GHGs AS OF 7/1/11	SOURCE TYPES THAT MAY BE NEWLY SUBJECT TO TITLE V DUE TO GHGs AS OF 7/1/11
Alabama	(Estimations only) Compressor stations, Wood products, Chemical production	chemical plant known
Alaska	Compressor Stations	All Landfills
Arizona		greenhouse, universities, military bases, nuclear power plant, semiconductors, landfills, food processing, other
Arkansas	Landfills	
Connecticut		Landfills
Delaware		Mostly SM permits expected
Florida	Renewable energy and biomass to energy	
Georgia	Municipal Solid Waste Landfills, Power Plants (with SIC Code 4911 that have not triggered PSD but are existing that may be classified as a new or existing major PSD source), Rendering Plants (due primarily to fuel burning equipment), Textile Plants (due primarily to fuel burning equipment), Hospitals (due primarily to fuel burning equipment), Miscellaneous Fuel Burning Equipment, Military Bases (due primarily to fuel burning equipment)	Municipal Solid Waste Landfills, Power Plants (with SIC Code 4911 that have not triggered Title V but are existing that may be classified as a new Title V source), Rendering Plants (due primarily to fuel burning equipment), Textile Plants (due primarily to fuel burning equipment), Hospitals (due primarily to fuel burning equipment), Miscellaneous Fuel Burning Equipment Source Category, Military Bases (due primarily to fuel burning equipment), Other SM Sources
Hawaii		landfills
Kansas	MSWLF, CAFO (big dairies >9,000 AUs)	MSWLF, CAFO (big dairies >9,000 AUs)
Kentucky	Power Plants, Iron and Steel, Chemical, Secondary Aluminum, Auto, Landfill, Paper, Lime, Ethanol	Food, Fertilizer, Ethanol, Brick
Maine		may have semiconductor facilities
Massachusetts		landfills

Michigan	Agriculture (seed drying), Mining, Utilities, Manufacturing, Wood Products, Chemical Processing, Non-metallic Mineral Mining, Primary & Metal Manufacturing, Hospital/Medical (utilities), Landfills	Agriculture (seed drying), Utilities, Manufacturing, Chemical, Mining
Minnesota		estimate ethanol plants, landfills, others TBD
Missouri		landfills
Nebraska		ethanol plants, landfill, federal facility, steel facility, meat processing facilities
New Hampshire	unknown, fyi NH recent PSD applications have been primarily utility boilers	utility peaking power turbines, school campus steam plant, on site private electric generation via engines
New Jersey		landfills
New Mexico	national laboratory, computer chip manufacturing plant	Natural gas processing plants and compressor stations
New York	chip fabrication plant	may include landfills, very large dairies, chip fabrication plant, waste water treatment plants
Ohio		landfills
Oregon		Semiconductor manufacturing
Pennsylvania	Tire to Energy Plant, Lime plant	preliminary evaluation: landfills (not subject to NSPS), combustion units, and peaking gas turbines non-TV facilities
South Carolina	Landfill, landfill expansions; also have 13 facilities with non-PSD permits issued in 2009-2010 that have not started construction and may need PSD permits for GHGs before July 1, 2011 if construction is not started	bearing manufacturing, metals manufacturing, mid-size industrial facilities with large boilers, mid-size chemical plants with large boilers, and landfills
Vermont	biomass power plants	semiconductor manufacturer
Virginia		ethanol plant, pharmaceutical plant
Washington	Silicon manufacturer, Pulp and paper (biomass energy), Biomass energy, Natural gas electric power generation	REC – Silicon manufacturer, Basic American Foods – Potato processor
West Virginia	natural gas compressor	
Wisconsin	ethanol plants, large landfills	ethanol plants, large landfill