

WAC 173-441-030 Applicability. The GHG reporting requirements and related monitoring, recordkeeping, and reporting requirements of this chapter apply to the owners and operators of any facility that meets the requirements of subsection (1) of this section; and any supplier that meets the requirements of subsection (2) of this section. In determining whether reporting is required, the requirements of subsection (1) must be applied independently of the requirements of subsection (2). Research and development activities are not considered to be part of any source category defined in this chapter.

(1) **Facility reporting.** Reporting is mandatory for an owner or operator of any facility located in Washington state with total GHG emissions that exceeds the reporting threshold defined in (a) of this subsection. GHG emissions from all applicable source categories listed in WAC 173-441-120 at the facility must be included when determining whether emissions from the facility meet the reporting threshold.

(a) **Facility reporting threshold.** Any facility that emits ten thousand metric tons CO₂e or more per calendar year in total GHG emissions from all applicable source categories listed in WAC 173-441-120 exceeds the reporting threshold.

(b) **Calculating facility emissions for comparison to the threshold.** To calculate GHG emissions for comparison to the reporting threshold, the owner or operator must:

(i) Calculate the total annual emissions of each GHG in metric tons from all applicable source categories that are listed and defined in WAC 173-441-120. The GHG emissions must be calculated using the calculation methodologies specified in WAC 173-441-120 and available company records.

(ii) Include emissions of all GHGs that are listed in Table A-1 of WAC 173-441-040, including all GHG emissions from the combustion of biomass and all fugitive releases of GHG emissions from biomass, calculated as provided in the calculation methods referenced in Table 120-1.

(iii) Sum the emissions estimates for each GHG and calculate metric tons of CO₂e using Equation A-1 of this subsection.

$$CO_{2e} = \sum_{i=1}^n GHG_i \times GWP_i \quad (Eq. A - 1)$$

Where:

CO₂e = Carbon dioxide equivalent, metric tons/year.

GHG_i = Mass emissions of each greenhouse gas listed in Table A-1 of WAC 173-441-040, metric tons/year.

GWP_i = Global warming potential for each greenhouse gas from Table A-1 of WAC 173-441-040.

n = The number of greenhouse gases emitted.

(iv) Include in the emissions calculation any CO₂ that is captured for transfer off-site.

(2) **Suppliers.** Reporting is mandatory for any supplier required to file periodic tax reports to DOL and has total carbon dioxide emis-

sions that exceed the reporting threshold defined in (a) of this subsection.

(a) **Supplier reporting threshold.** Any supplier that supplies applicable fuels that are reported to DOL as sold in Washington state of which the complete combustion or oxidation would result in total calendar year emissions of ten thousand metric tons or more of carbon dioxide exceeds the reporting threshold.

(b) **Calculating supplier emissions for comparison to the threshold.** To calculate CO₂ emissions for comparison to the reporting threshold, a supplier must:

(i) Base its emissions on the applicable fuel quantities as established in WAC 173-441-130(1) and reported to DOL. A supplier must apply the mass in metric tons per year of CO₂ that would result from the complete combustion or oxidation of these fuels towards the reporting threshold.

(ii) Calculate the total annual carbon dioxide emissions in metric tons from all applicable fuel quantities and fuel types as established in WAC 173-441-130(1) and reported to DOL. The CO₂ emissions must be calculated using the calculation methodologies specified in WAC 173-441-130 and data reported to DOL.

(iii) Only include emissions of carbon dioxide associated with the complete combustion or oxidation of the applicable fuels. Include all CO₂ emissions from the combustion of biomass fuels.

(3) **Applicability over time.** A person that does not meet the applicability requirements of either subsection (1) or (2) of this section is not subject to this rule. Such a person would become subject to the rule and the reporting requirements of this chapter if they exceed the applicability requirements of subsection (1) or (2) of this section at a later time. Thus, persons should reevaluate the applicability to this chapter (including the revising of any relevant emissions calculations or other calculations) whenever there is any change that could cause a facility or supplier to meet the applicability requirements of subsection (1) or (2) of this section. Such changes include, but are not limited to, process modifications, increases in operating hours, increases in production, changes in fuel or raw material use, addition of equipment, facility expansion, and changes to this chapter.

(4) **Voluntary reporting.** A person may choose to voluntarily report to ecology GHG emissions that are not required to be reported under subsection (1) or (2) of this section. Persons voluntarily reporting GHG emissions must use the methods established in WAC 173-441-120(3) and 173-441-130 to calculate any voluntarily reported GHG emissions.

(5) **Reporting requirements when emissions of greenhouse gases fall below reporting thresholds.** Except as provided in this subsection, once a facility or supplier is subject to the requirements of this chapter, the person must continue for each year thereafter to comply with all requirements of this chapter, including the requirement to submit annual GHG reports (annual GHG reports, GHG report, emissions report, annual report), even if the facility or supplier does not meet the applicability requirements in subsection (1) or (2) of this section in a future year.

(a) If reported emissions are less than ten thousand metric tons CO₂e per year for five consecutive years, then the person may discontinue reporting as required by this chapter provided that the person submits a notification to ecology that announces the cessation of re-

porting and explains the reasons for the reduction in emissions. The notification must be submitted no later than the report submission due date, specified in WAC 173-441-050(2), of the year immediately following the fifth consecutive year of emissions less than ten thousand tons CO₂e per year. The person must maintain the corresponding records required under WAC 173-441-050(6) for each of the five consecutive years and retain such records for three years following the year that reporting was discontinued. The person must resume reporting if annual emissions in any future calendar year increase above the thresholds in subsection (1) or (2) of this section.

(b) If reported emissions are less than five thousand metric tons CO₂e per year for three consecutive years, then the person may discontinue reporting as required by this chapter provided that the person submits a notification to ecology that announces the cessation of reporting and explains the reasons for the reduction in emissions. The notification must be submitted no later than the report submission due date, specified in WAC 173-441-050(2), of the year immediately following the third consecutive year of emissions less than five thousand tons CO₂e per year. The person must maintain the corresponding records required under WAC 173-441-050(6) for each of the three consecutive years and retain such records for three years following the year that reporting was discontinued. The person must resume reporting if annual emissions in any future calendar year increase above the thresholds in subsection (1) or (2) of this section.

(c) If the operations of a facility or supplier are changed such that all applicable GHG-emitting processes and operations listed in WAC 173-441-120 and 173-441-130 cease to operate, then the person is exempt from reporting in the years following the year in which cessation of such operations occurs, provided that the person submits a notification to ecology that announces the cessation of reporting and certifies to the closure of all GHG-emitting processes and operations no later than the report submission due date, specified in WAC 173-441-050(2), of the year following such changes. This provision does not apply to seasonal or other temporary cessation of operations. This provision does not apply to facilities with municipal solid waste landfills, industrial waste landfills, or to underground coal mines. The person must resume reporting for any future calendar year during which any of the GHG-emitting processes or operations resume operation.

[Statutory Authority: Chapters 70.235 and 70.94 RCW. WSR 15-04-051 (Order 13-13), § 173-441-030, filed 1/29/15, effective 3/1/15. Statutory Authority: 2010 c 146, and chapters 70.235 and 70.94 RCW. WSR 10-24-108 (Order 10-08), § 173-441-030, filed 12/1/10, effective 1/1/11.]