

**Guide to Recommendations from the Memorandum:
Analysis of the National Oil and Gas Emission Inventory**

Sector	Recommendation	Reference Section(s)
High Priority		
Point & Nonpoint	Develop a strategy to enhance gap filling of non-well-site O&G emission sources.	2.2, 3.3.1
Nonpoint	Confer with S/L/T agencies on the method by which oil and gas well types are distinguished in EPA O&G Tool.	3.3.2
	Remove CO ₂ gas production activity from the EPA O&G Tool.	3.3.2
	Analyze GHGRP Subpart W data incorporated into the EPA O&G Tool to determine whether it is based on a sample that can be considered representative for each O&G Basin.	3.3.4
	Confer with S/L/T agencies on the strategy to continue enhancing the currency and accuracy of input factors in the EPA O&G Tool.	3.3.5
Medium Priority		
Point & Nonpoint	Consider how to account for fat-tails in future NEIs and report on the extent to which fat-tails are missing from NEI O&G emissions.	1.1
	Account for the effects of emission control due to both state and federal programs in forecast year inventories.	2.4, 3.5
Point	Add an "uncontrolled" control type to allow for additional controls analyses using the Control_ID field in the NEI point source database.	2.1
	Consider potential analysis of GHGRP pipeline emissions (reporting required from regulatory year 2016) for developing criteria air pollutant emissions that may be incorporated in to the 2017 NEI.	2.3
Nonpoint	Use GHGRP Subpart W fugitive device counts, pneumatic pump counts, and compressor engine prevalence data for high level checks of current default estimates included in the Tool.	3.3.4
	Update EPA O&G Tool drill rig and hydraulic fracturing pump diesel engine emission factors and artificial lift, wellhead compressor, and lateral compressor natural gas reciprocating engines.	3.4
Low Priority		
Point	Distinguish NEI O&G point source emissions by O&G subsector (e.g. Production and Processing, Natural Gas Transmission and Storage, and Distribution).	2.1
	Enhance the synergies between the NEI and GHGRP Subpart W through common naming and/or facility, unit, and process identifiers.	2.3
Nonpoint	As resources permit, add emissions to the NEI for injection pump blowdowns, hydrocarbon liquids dissolved CO ₂ , and well testing venting emission source categories which are included in GHGRP reporting for well-sites, but not included in the NEI.	3.1