The region covered in the Phase III work includes all of the major basins of significant oil and gas activity in New Mexico, Utah, Colorado, Wyoming, Montana and North Dakota:

- Denver-Julesburg Basin
- Uinta Basin
- San Juan Basin (North and South)
- Piceance Basin
- Southwest Wyoming Basin (Green River Basin)
- Powder River Basin
- Paradox Basin
- Williston Basin
- Wind River Basin
- Big Horn Basin
- North-Central Montana Basin (Great Plains Basin)

Figure 1 below shows a map of all of the basins covered in the Phase III work.

![Basin boundaries for all basins included in the Phase III study.](image-url)
The sources considered in this analysis include the following:

- Lateral/wellhead compressor engines
- Drilling rigs
- Workover rigs/frac rigs
- CBM pump engines
- Salt-water disposal engines
- Artificial lift engines (pumpjacks)
- Vapor recovery unit (VRU) compressor engines
- Miscellaneous gas-fired engines
- Oil well heaters
- Gas well heaters
- Miscellaneous gas-fired heaters or boilers
- Flaring
- Oil well tanks – breathing losses, gas venting, flashing emissions
- Gas well tanks – breathing losses, gas venting, flashing emissions
- Pneumatic devices
- Oil well fugitive emissions
- Gas well fugitive emissions
- Gas well completions
- Venting
- Blowdowns
- Dehydrators
- Amine units
- Gas well truck loading
- Oil well truck loading
- Pipeline/compressor station fugitive emissions
- Landfarms
- Water treatment/water injection facilities