



WAFWA Oil & Gas Candidate Conservation Agreement with Assurances

**IMPACT BUFFER DISTANCES**

January 08, 2024

Provided are the currently approved impact buffer distances used in the WAFWA Oil & Gas Candidate Conservation Agreement with Assurances (CCAA). This updates the CCAA, Appendix A, section A (4).

Impact Activity / Development Features	Criteria* (Noise Level, Height)	Impact Buffer (meters)	How the Buffer is Applied
Oil/gas pads for wells, tank batteries, and small compressor stations with a facility boundary ≤5 ac. May include other related activities such as reserve pits, facilities to dispose of waste, tanks, storage facilities, treaters, separators, dehydrators, fences, utility lines and pipelines (e.g., gathering lines, flowlines, and distribution lines), etc.	<75dB and <150 ft. tall	200	If facility boundary <sup>1</sup> is ≤5 ac., the impact activity or facility center is buffered. If >5 ac., buffer the facility boundary perimeter.
Off-site tank battery*	≤5 acres	133	
Other oil & gas activities*	≥75dB and <150 ft. tall	400	
Other oil & gas activities*	≥75dB or ≥150 ft. tall	677	
Large compressor station	≥75dB and >5 acres	667	If facility boundary <sup>1</sup> is ≤10 ac., the impact activity or facility center is buffered. If >10 ac., the boundary perimeter is buffered.
Industrial buildings, inc. electrical substations		667	
Buried pipeline (or anything buried)	--	0	N/A
Electrical distribution lines <69kV	<150 ft. tall	10	Line buffered
Transmission lines ≥69kV	--	400	Line buffered
Private unimproved roads (lease roads, farm roads)	--	10	Line buffered
Secondary roads (improved gravel road)	--	67	Line buffered
Primary roads (paved)	--	500	Line buffered
Railroad tracks*	--	67	Line buffered
Wind turbines	>150 ft. tall	667	Point buffered
Cell / radio towers or similar	>150 ft. tall	677	Line buffered
Urban footprints/airports	--	677	Same as industrial bldg.
Residential buildings (private houses/barns etc)	--	133	Point buffered
<sup>1</sup> Facility Boundary - Edge of project area where vegetation is cleared or disturbed, and where not reclaimed after project completion. * 2015 revision - LPCIC approved buffer guidance revisions dated 02/15/2015 and 12/16/2015. NOTE: Noise criteria applies at a distance of 30 feet from the source.			