



Oregon Department of Environmental Quality

Zenith Energy's Emissions

Actual emissions and emissions limits of Zenith's Title V permit compared to the draft Standard Air Contaminant Discharge Permit

Zenith Energy's Actual Emissions

Pollutant	PSEL	2020	2021	2022	2023	2024
Particulate matter	14	0.05	0.08	0.09	0.10	0.10
Sulfur dioxide	81	0.03	0.17	0.17	0.19	0.19
Oxides of nitrogen	77	1.94	3.39	3.44	3.89	3.66
Volatile organic compounds	179	25.2	33.0	49.5	43.1	43.2
Carbon monoxide	99	1.63	13.9	5.45	6.09	5.66
Greenhouse gases	Not Regulated	5,747	4,445	4,515	5,103	4,336

PSEL = Current Plant Site Emission Limits

All emissions are reported in tons per year

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Emission Limits Changes – Current Title V Permit to Proposed Standard Air Contaminant Discharge Permit

Pollutant	Plant Site Emission Limits		
	Previous emission limits (tons/yr)	Proposed emission limits (tons/yr)	Emission limit change (tons/yr)
Total particulate matter	14	None	(14)
Coarse particulate matter	14	None	(14)
Fine particulate matter*	Not regulated	None	--
Carbon monoxide	99	24	(75)
Oxides of nitrogen	77	26	(51)
Sulfur dioxide	81	None	(81)
Volatile organic compounds	179	39	(140)
Greenhouse gases*	Not regulated	29,800	29,800
Hydrogen sulfide	9	None	(9)

* *Fine particulate matter and greenhouse gases were not regulated pollutants at the time of the Title V permit issuance*

For pollutants labeled “None” under proposed emission limits, a limit is not required because Zenith’s potential to emit is below Oregon’s “de minimis emission level,” which is one ton per year for each of those pollutants.

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Contact

View information about how DEQ regulates Zenith Energy at ordeg.org/zenith, or contact the Northwest Region Air Quality Permit Coordinator using the following contact information:

Email: NWRAQPermits@deg.oregon.gov

Phone: 503-229-5582 or 800-452-4011

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