

# **WRAP OGWG: O&G EI**

# **FUTURE YEAR NEW MEXICO**

# **POINT SOURCES UPDATE**

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# 2028 MEDIUM SCENARIO EMISSION INVENTORY UPDATE

- Update limited to Title V Sources under New Mexico Environment Department (NMED) jurisdiction
- Remove current NMED Title V emissions
- Integrate new Title V emissions provided by NMED Air Quality Bureau:
  - Four-Factor analysis screened Title V sources:
    - Basis: 2016-2018 average emission inventory
    - Growth factors: NMED applied growth factors to account for changes in emissions from base year period to future year for certain facilities on a facility-by-facility basis.
  - Other Title V sources:
    - Basis: 2014 emission inventory
    - Growth factors: Consistent with Ramboll medium scenario estimates (-41% for the San Juan Basin, +134% for the Permian Basin)

# NEW MEXICO 2028 MEDIUM SCENARIO INVENTORY PERMIAN BASIN

Category	Emissions (tons/year)								
	NOx	VOC	CO	SOx	PM10	PM2.5	CO2/1000	CH4	N2O
<b>UPDATED Permian Basin</b>									
NMED Title V	14,507	7,414	9,049	8,680	454	436	481	8,833	95
Other Points	19,547	19,919	21,583	4,017	429	429	-	-	-
Nonpoints	19,989	124,129	29,036	18,757	663	663	6,339	442,812	97
<b>Basin-wide</b>	<b>54,043</b>	<b>151,461</b>	<b>59,669</b>	<b>31,454</b>	<b>1,545</b>	<b>1,527</b>	<b>6,820</b>	<b>451,644</b>	<b>192</b>
<b>OLD Permian Basin</b>									
NMED Title V	23,941	6,237	11,431	15,653	523	523	7,174	10,074	148
Other Points	19,547	19,919	21,583	4,017	429	429	-	-	-
Nonpoints	19,989	124,129	29,036	18,757	663	663	6,339	442,812	97
<b>Basin-wide</b>	<b>63,478</b>	<b>150,285</b>	<b>62,051</b>	<b>38,427</b>	<b>1,614</b>	<b>1,614</b>	<b>13,512</b>	<b>452,886</b>	<b>245</b>
<b>Percent Change</b>									
NMED Title V	-39%	19%	-21%	-45%	-13%	-17%	-93%	-12%	-36%
Other Points	0%	0%	0%	0%	0%	0%	-	-	-
Nonpoints	0%	0%	0%	0%	0%	0%	0%	0%	0%
<b>Basin-wide</b>	<b>-15%</b>	<b>1%</b>	<b>-4%</b>	<b>-18%</b>	<b>-4%</b>	<b>-5%</b>	<b>-50%</b>	<b>0%</b>	<b>-22%</b>

# NEW MEXICO 2028 MEDIUM SCENARIO INVENTORY SAN JUAN BASIN

Category	Emissions (tons/year)								
	NOx	VOC	CO	SOx	PM10	PM2.5	CO2/1000	CH4	N2O
<b>UPDATED San Juan Basin</b>									
NMED Title V	6,560	3,288	5,247	128	224	195	207	9,417	7
Other Points	2,155	2,262	2,204	27	25	25	4	1	0
Nonpoints	30,167	70,590	58,864	31	985	985	5,102	315,715	25
<b>Basin-wide</b>	<b>38,882</b>	<b>76,139</b>	<b>66,315</b>	<b>186</b>	<b>1,234</b>	<b>1,206</b>	<b>5,314</b>	<b>325,133</b>	<b>32</b>
<b>OLD San Juan Basin</b>									
NMED Title V	4,525	1,775	3,025	110	159	159	2,950	2,424	74
Other Points	2,155	2,262	2,204	27	25	25	4	1	0
Nonpoints	30,167	70,590	58,864	31	985	985	5,102	315,715	25
<b>Basin-wide</b>	<b>36,847</b>	<b>74,626</b>	<b>64,093</b>	<b>168</b>	<b>1,170</b>	<b>1,170</b>	<b>8,057</b>	<b>318,140</b>	<b>99</b>
<b>Percent Change</b>									
NMED Title V	45%	85%	73%	17%	41%	22%	-93%	289%	-90%
Other Points	0%	0%	0%	0%	0%	0%	-	-	-
Nonpoints	0%	0%	0%	0%	0%	0%	0%	0%	0%
<b>Basin-wide</b>	<b>6%</b>	<b>2%</b>	<b>3%</b>	<b>11%</b>	<b>6%</b>	<b>3%</b>	<b>-34%</b>	<b>2%</b>	<b>-68%</b>

# NEW MEXICO 2028 MEDIUM SCENARIO INVENTORY

## OTHER BASINS

Category	Emissions (tons/year)								
	NOx	VOC	CO	SOx	PM10	PM2.5	CO2/1000	CH4	N2O
<b>UPDATED Other Basins <sup>a</sup></b>									
NMED Title V	1,293	53	649	11	19	19	37	243	0
Other Points	-	-	-	-	-	-	-	-	-
Nonpoints	8	646	11	0	1	1	8	2,318	0
<b>Basin-wide</b>	<b>1,300</b>	<b>699</b>	<b>659</b>	<b>11</b>	<b>20</b>	<b>20</b>	<b>45</b>	<b>2,561</b>	<b>0</b>
<b>OLD Other Basins <sup>a</sup></b>									
NMED Title V	1,199	78	523	6	11	11	860	141	23
Other Points	-	-	-	-	-	-	-	-	-
Nonpoints	8	646	11	0	1	1	8	2,318	0
<b>Other Basin-wide</b>	<b>1,207</b>	<b>725</b>	<b>534</b>	<b>6</b>	<b>12</b>	<b>12</b>	<b>868</b>	<b>2,459</b>	<b>23</b>
<b>Percent Change</b>									
NMED Title V	8%	-33%	24%	104%	73%	73%	-96%	72%	-100%
Other Points	-	-	-	-	-	-	-	-	-
Nonpoints	0%	0%	0%	0%	0%	0%	0%	0%	0%
<b>Other Basin-wide</b>	<b>8%</b>	<b>-4%</b>	<b>23%</b>	<b>103%</b>	<b>67%</b>	<b>67%</b>	<b>-95%</b>	<b>4%</b>	<b>-99%</b>

<sup>a</sup> Basin-And-Range Province, Estancia Basin, Orogrande Basin, Pedregosa Basin, Raton Basin, Sierra Grande Uplift

# QUESTIONS?