

NMED Exhibit List – EIB 21-27 (R)

NMED Exhibit 1	Written Direct Testimony of Michael Baca
NMED Exhibit 2	Resume of Michael Baca
NMED Exhibit 3	EPA Integrated Science Assessment (“ISA”) for Ozone and Related Photochemical Oxidants, Executive Summary (April 2020)
NMED Exhibit 4	NMED Ozone Attainment Initiative - Ozone Advance Path Forward for New Mexico (July 2021)
NMED Exhibit 5	Written Direct Testimony of Elizabeth Bisbey-Kuehn
NMED Exhibit 6	Resume of Elizabeth Bisbey-Kuehn
NMED Exhibit 7	Executive Order 2019-03
NMED Exhibit 8	Methane Strategy Listening Session Presentation – August 6, 2020
NMED Exhibit 9	Methane Strategy Community Impacts Meeting Presentation – March 19, 2020
NMED Exhibit 10	Methane Advisory Panel Technical Report
NMED Exhibit 11	Ozone Attainment Initiative Initial Public Outreach Presentation, September 2019
NMED Exhibit 12	Pre-Petition Draft of 20.2.50 NMAC – July 20, 2020
NMED Exhibit 13	Written Direct Testimony of Angela Raso
NMED Exhibit 14	Resume of Angela Raso
NMED Exhibit 15	Photochemical Modeling Protocol
NMED Exhibit 16	2014 Modeling Platform Development and Model Evaluation
NMED Exhibit 17	Air Quality Technical Support Document
NMED Exhibit 18	New Mexico OAI Study Photochemical First Monthly Webinar May 2020
NMED Exhibit 19	New Mexico OAI Study Photochemical Monthly Webinar June 2020

NMED Exhibit 20	2014 and 2023 Emissions, CAMx WRF Sensitivity Tests and Final Model Configuration
NMED Exhibit 21	Emissions, CAMx, Base and Model Performance, 2023 CAMx Model Status
NMED Exhibit 22	2014 and 2028 Emissions Development
NMED Exhibit 23	Revised 2014v2 Base Case, 2028 Base Case Modeling and 2028 NM O&G Control Strategy (Feb 2021)
NMED Exhibit 24	Sensitivity of 2028 Ozone Projections to Current Year Ozone, Draft TSD
NMED Exhibit 25	2028 Source Sector APCA Ozone Source Apportionment Modeling, Revised Draft TSD (April 2021)
NMED Exhibit 26	2028 VOC and NOx Sensitivity OSAT Ozone Source Apportionment Modeling and Draft Final TSD (April 2021)
NMED Exhibit 27	Written Direct Testimony of Brent Ellington
NMED Exhibit 28	Resume of Brent Ellington
NMED Exhibit 29	NMED Air Quality Bureau Ambient Air Monitoring Quality Assurance Project Plan 2020
NMED Exhibit 30	Written Direct Testimony of Andrew Ahr
NMED Exhibit 31	Resume of Andrew Ahr
NMED Exhibit 32	Written Direct Testimony of Elizabeth Bisbey-Kuehn and Brian Palmer
NMED Exhibit 33	Resume of Brian Palmer
NMED Exhibit 34	EPA Office of Air and Radiation, <i>Control Techniques Guidelines for the Oil and Natural Gas Industry</i> , EPA-453/B-16-001 (October 2016) (“EPA CTG”)
NMED Exhibit 35	EPA New Source Performance Standards at 40 C.F.R. Part 60, Subpart OOOO - Standards of Performance for Crude Oil and Natural Gas Facilities for Which Construction, Modification, or Reconstruction Commenced After August 23, 2011 and on or before September 18, 2015. (“NSPS Subpart OOOO”)

NMED Exhibit 36	EPA New Source Performance Standards at 40 C.F.R. Part 60, Subpart OOOOa - Standards of Performance for Crude Oil and Natural Gas Facilities for which Construction, Modification or Reconstruction Commenced After September 18, 2015. (“NSPS Subpart OOOOa”)
NMED Exhibit 37	Pennsylvania GP-5, GENERAL PLAN APPROVAL AND/OR GENERAL OPERATING PERMIT BAQ-GPA/GP-5 for Natural Gas Compression Stations, Processing Plants, and Transmission Stations (“Pennsylvania GP-5”)
NMED Exhibit 38	Pennsylvania GP-5A, GENERAL PLAN APPROVAL AND/OR GENERAL OPERATING PERMIT BAQ-GPA/GP-5A for Unconventional Natural Gas Well Site Operations and Remote Pigging Stations (“Pennsylvania GP-5A”)
NMED Exhibit 39	Colorado Regulation Number 7 - CONTROL OF OZONE VIA OZONE PRECURSORS AND CONTROL OF HYDROCARBONS VIA OIL AND GAS EMISSIONS (EMISSIONS OF VOLATILE ORGANIC COMPOUNDS AND NITROGEN OXIDES) (“Colorado Reg. 7”)
NMED Exhibit 40	Wyoming Department of Environmental Quality, Air Quality Division – <i>Oil and Gas Production Facilities Chapter 6, Section 2 Permitting Guidance</i> (Revised through May 2016) (“Wyoming Permitting Guidance”)
NMED Exhibit 41	Proposed Part 20.2.50 NMAC - July 28, 2021 Version (Redline)
NMED Exhibit 42	40 CFR Part 60, Appendix B - EPA Reference Method 21
NMED Exhibit 43	EPA AP-42 Chapter 5.2 Transportation and Marketing of Petroleum Liquids
NMED Exhibit 44	EPA Lessons Learned from Natural Gas STAR Partners, <i>Options for Removing Accumulated Fluid and Improving Flow in Gas Wells</i> (2011)
NMED Exhibit 45	Ozone Transport Commission, <i>Information - Oil and Gas Sector – Significant Stationary Sources of NOx Emissions</i> (October 17, 2012)
NMED Exhibit 46	Cooper Machinery Services webpage at https://www.cooperservices.com/engines-and-compressors/upgrades/0-5-gbhp-hr-nox-solution%E2%80%B7/ (visited 07/26/2021)

NMED Exhibit 47	California South Coast Air Quality Management District Rule 1110.2
NMED Exhibit 48	EPA, <i>Stationary Reciprocating Internal Combustion Engines Updated Information on NOx Emissions and Control Techniques</i> , Publication No. EPA-457/R-00-001 (September 2000)
NMED Exhibit 49	National Emissions Standards for Hazardous Air Pollutants, 40 CFR Part 63, Subpart ZZZZ
NMED Exhibit 50	New Source Performance Standards, 40 CFR Part 60, Subpart JJJJ
NMED Exhibit 51	ERG - Engines and Turbines OH Stack Tests Spreadsheet
NMED Exhibit 52	Pennsylvania DEP, <i>Technical Support Document for Pennsylvania GP-5 and GP-5A</i> (June 2018)
NMED Exhibit 53	EPA Office of Air and Radiation's <i>Alternative Control Techniques Document – Nox Emissions from Stationary Gas Turbines</i> , EPA-453/R-93-007 (January 1993)
NMED Exhibit 54	OTC Stationary and Area Sources Committee, <i>OTC Regulatory and Technical Guideline for Control of Nitrogen Oxides (NOx) Emissions from Natural Gas Pipeline Compressor Fuel-Fired Prime Movers</i> (May 14, 2019)
NMED Exhibit 55	EPA. AP-42, Fifth Edition Compilation of Air Emissions Factors, Volume 1: Stationary Point and Area Sources. Chapter 3, Stationary Internal Combustion Sources. Section 3.3 Gasoline and Diesel Industrial Engines
NMED Exhibit 56	ERG – ICE Reductions and Costs NO ₂ Spreadsheet
NMED Exhibit 57	ERG – ICE Reductions and Costs VOC Spreadsheet
NMED Exhibit 58	ERG – Turbines Reductions and Costs NO ₂ Spreadsheet
NMED Exhibit 59	ERG – Turbines Reductions and Costs VOC Spreadsheet
NMED Exhibit 60	EPA Office of Air and Radiation, <i>Final Technical Support Document (TSD) for the Cross-State Air Pollution Rule for the 2008 Ozone NAAQS – Assessment of Non-EGU NOx Emission Controls, Cost of Controls, and Time for Compliance Final TSD</i> , Docket ID No. EPA-HQ-OAR-2015-0500 (August 2016)
NMED Exhibit 61	INGAA Foundation Final Report No. 2014.03, <i>Availability and Limitations of NOx Emission Control Resources for Natural Gas-</i>

NMED Exhibit 62	<i>Fired Reciprocating Engine Prime Movers Used in the Interstate Natural Gas Transmission Industry</i> Alpha-Gamma Technologies, Inc., <i>Control Costs for Reciprocating Internal Combustion Engines at Major and Area Sources</i> , EPA Docket Item No. EPA-HQ-OAR-2005-0030-0005 (April 28, 2006)
NMED Exhibit 63	EC/R, Inc., <i>Control Costs for Existing Stationary RICE</i> , EPA Docket Item No. EPA-HQ-OAR-2008-0708-0554 (June 29, 2010)
NMED Exhibit 64	ERG – Compressor Seals - Reciprocating Engines Spreadsheet
NMED Exhibit 65	Partner Reported Opportunities (PROs) for Reducing Methane Emissions, <i>Wet Seal Degassing Recovery System for Centrifugal Compressors</i> (2014) (“Centrifugal Compressors Technical Document”)
NMED Exhibit 66	ERG – Compressor Seals - Turbines Spreadsheet
NMED Exhibit 67	EPA Reference Method 22 – <i>Visual determination of Fugitive Emissions from Material Sources and Smoke from Flares</i> (January 14, 2019)
NMED Exhibit 68	<i>Baseline 2014-2016 Oil and Gas Emission Inventory for the WESTAR-WRAP Region</i> (June 2019) (“2014 Oil and Gas Emission Inventory”)
NMED Exhibit 69	ERG - LDAR Reductions and Costs VOC Spreadsheet
NMED Exhibit 70	EPA, <i>Background Technical Support Document for the Final New Source Performance Standards (40 CFR Part 60, Subpart OOOOa)</i> , EPA-HQ-OAR-2010-0505-7631 (May 2016)
NMED Exhibit 71	Colorado Dept. of Public Health and Environment, <i>Regulatory Analysis for Proposed Revisions to Colorado Air Quality Control Commission Regulation Numbers 3, 6 and 7 (5 CCR 1001-5, 5 CCR 1001-8, and CCR 1001-9)</i> , (February 11, 2014) (“2014 Colorado Regulatory Analysis”)
NMED Exhibit 72	ICF International, <i>Economic Analysis of Methane Emission Reduction Potential from Natural Gas Systems</i> , (May 2016) (“ICF Economic Analysis”)
NMED Exhibit 73	EPA report, <i>Lessons Learned from Natural Gas STAR Partners – Options for Removing Accumulated Fluid and Improving Flow in Gas Wells</i> (2011)

NMED Exhibit 74	EPA report, <i>Lessons Learned from Natural Gas STAR Partners – Installing Plunger Lift Systems in Gas Wells</i> (2006)
NMED Exhibit 75	ERG - Dehydrator 15 tpy Cutoff Analysis Spreadsheet
NMED Exhibit 76	Memo from Heather Brown, P.E., to Greg Nizich, <i>Impacts of Applying Management Practices to a Single Oil and Natural Gas Production Area Source Facility</i> , EPA Docket No. EPA-HQ-OAR-0238-0061 (December 21, 2006)
NMED Exhibit 77	ERG – Dehydrators Reductions and Costs Spreadsheet
NMED Exhibit 78	Memo from Heather Brown, P.E., to Greg Nizich, <i>Revised Impacts from Area Sources in the Oil and Natural Gas Production Source Category</i> , EPA Docket No. EPA-HQ-OAR-2004-0238-0002 (June 25, 2005)
NMED Exhibit 79	Memo from Heather Brown, P.E., to Greg Nizich, <i>Impacts of the Final Standards for Oil and Natural Gas Production Area Sources</i> , EPA Docket No. EPA-HQ-OAR-2004-0238-0055 (December 21, 2006)
NMED Exhibit 80	40 CFR 63, Subpart DDDDD, <i>National Emission Standards for Hazardous Air Pollutants for Major Sources: Industrial, Commercial, and Institutional Boilers and Process Heaters</i> (“NESHAP Subpart DDDDD”)
NMED Exhibit 81	EPA, <i>Technical Bulletin: Nitrogen Oxides (NOx), Why and How They Are Controlled</i> (November 1999)
NMED Exhibit 82	ERG – Heaters Reductions and Costs NO2 Spreadsheet
NMED Exhibit 83	Utah Rule R307-504 – Oil and Gas Industry: Tank Truck Loading
NMED Exhibit 84	ERG – Transfers Reductions and Costs Spreadsheet
NMED Exhibit 85	Consent Decree – <i>U.S. v. MarkWest Liberty Midstream & Resources, LLC</i> , No. 2:18-cv-00520-LPL (W.D. Penn., April 24, 2018) (“MarkWest Consent Decree”)
NMED Exhibit 86	Ohio General Permit 21.1 for Title V and non-Title V pigging operations (“Ohio General Permits”)
NMED Exhibit 87	EPA PRO Fact Sheet No. 505, <i>Recover Gas from Pipeline Pigging Operations</i> (“EPA Fact Sheet No. 505”)

NMED Exhibit 88	EPA Enforcement Alert, EPA Publication No. 325-F-19-001 (September 2019)
NMED Exhibit 89	EPA, <i>Vapor Recovery and Gathering Pipeline Pigging</i> , Powerpoint presentation at the Producers and Processors Technology Transfer Workshop, Midland, TX (July 23, 2008)
NMED Exhibit 90	EPA Natural Gas STAR Program PRO Fact Sheet No. 904, <i>Install Flares</i> (2011)
NMED Exhibit 91	EPA Office of Air Quality Planning and Standards, <i>Oil and Natural Gas Sector Pneumatic Devices: Report for Oil and Natural Gas Sector Pneumatic Devices Review Panel as part of the President's Climate Action Plan: a Strategy to Reduce Methane Emissions</i> (April 2014) ("EPA 2014 O&G Pneumatic Devices Report")
NMED Exhibit 92	EPA Office of Air and Radiation, <i>Options for Reducing Methane Emissions from Pneumatic Devices in the Natural Gas Industry</i> (October 2006)
NMED Exhibit 93	Colorado Pneumatic Controller Task Force, <i>PCTF Report to the Air Quality Control Commission: Pneumatic Controller Field Study and Recommendations</i> (June 1, 2020) ("2020 PCTF Report")
NMED Exhibit 94	ERG – 2020 Producing Wells Spreadsheet
NMED Exhibit 95	ERG – Pneumatics Reductions and Costs Spreadsheet
NMED Exhibit 96	ERG – NM Pneumatics Data Subpart W Spreadsheet
NMED Exhibit 97	80 Fed. Reg. 64262, <i>Greenhouse Gas Reporting Rule: 2015 Revisions and Confidentiality Determinations for Petroleum and Natural Gas Systems</i> (October 22, 2015)
NMED Exhibit 98	81 Fed. Reg. 86517, <i>Greenhouse Gas Reporting Rule: Leak Detection Methodology Revisions and Confidentiality Determinations for Petroleum and Natural Gas Systems</i> (November 30, 2016)
NMED Exhibit 99	EPA OAR: Natural Gas Star, <i>Lessons Learned: Convert Gas Pneumatic Controls to Instrument Air</i> (October 2006)
NMED Exhibit 100	ERG – Storage Tanks Reductions and Costs VOC Spreadsheet

NMED Exhibit 101	EPA, <i>Credible Evidence Revisions</i> , 62 Fed. Reg. 8314 (February 24, 1997)
NMED Exhibit 102	Written Direct Testimony of Susan Day and Elizabeth Bisbey-Kuehn
NMED Exhibit 103	Resume of Susan Day
NMED Exhibit 104	ERG – Owner Address List Final Spreadsheet
NMED Exhibit 105	ERG – Preliminary Results NAICS.COM Updated Spreadsheet
NMED Exhibit 106	Written Direct Testimony of Ralph Morris
NMED Exhibit 107	Resume of Ralph Morris
NMED Exhibit 108	EPA <i>Modeling Guidance for Demonstrating Air Quality Goals for Ozone, PM_{2.5}, and Regional Haze</i> , EPA 454/R-18-009 (November 2018)
NMED Exhibit 109	EPA Office of Air Quality and Standards, <i>Alternative Control Techniques Document – NO_x Emissions from Process Heaters</i> , EPA 453/R-93-034 (September 1993) (excerpt)
NMED Exhibit 110	Carbon Limits, <i>Zero Emissions Technologies for Pneumatic Controllers in the USA</i> (2016)