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June 12, 2023

Via Email: Mehgan.Taack@TCEQ.TEXAS.GOV

Ms. Mehgan Taack
Office of Chief Clerk, MC-105
Texas Commission on Environmental Quality
12100 Park 35 Circle, Building F
Austin, Texas 78753

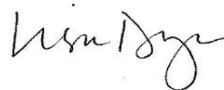
RE: *Application of Exxon Mobil Corporation to Amend TCEQ Air Quality Permit No. 102982*
TCEQ DOCKET NO. 2023-0649-AIR
Application Materials

Ms. Taack:

Pursuant to 30 TEX. ADMIN. CODE § 80.118(d) and the instructions provided by your office, Exxon Mobil Corporation (“Exxon”) submits electronic copies of its application materials to the Chief Clerk for inclusion in Tab D of the administrative record in the above-referenced matter. Exxon’s application materials include two documents that contain confidential information excepted from disclosure under the Texas Public Information Act. Redacted copies of Exhibits APP-2C and APP-13C containing confidential information are included in the enclosed application materials. Also, two thumb drives associated with Exhibit APP-17 containing electronic data files associated with Exxon’s application are being submitted to your office via hand delivery today.

If you have any questions, please do not hesitate to contact me.

Sincerely,



Lisa Uselton Dyar

Enclosures

TCEQ DOCKET NO. 2023-0649-AIR

**APPLICATION OF
EXXON MOBIL CORPORATION
TO AMEND
TCEQ AIR QUALITY PERMIT NO. 102982**

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**BEFORE THE
STATE OFFICE OF
ADMINISTRATIVE HEARINGS**

**APPLICANT EXXON MOBIL CORPORATION'S
APPLICATION MATERIALS INDEX
TCEQ PERMIT NO. 102982**

Exhibit No.	Bates	Date	Document Description
APP-1	EMC-00001-00092	9/7/2022	EM – Permit Amendment Application and PI-1
APP-2	EMC-00093-00102	9/7/2022	EM – Permit Amendment Application Appendix A (redacted)
APP-2C	EMC-00103-00112	9/7/2022	EM – Permit Amendment Application Appendix A Contains Confidential Information
APP-3	EMC-00113-00128	9/7/2022	EM – Air Quality Analysis Report (AQA)
APP-4	EMC-00129-00178	9/7/2022	EM – AQA Electronic Modeling Evaluation Workbook (EMEW)
APP-5	EMC-00179-00198	9/27/2022	TCEQ ED – Declaration of Administrative Completeness and Notice of Receipt of Application and Intent to Obtain Air Permit (NORI) Public Notice Package
APP-6	EMC-00199-00202	9/28/2022	TCEQ ED – Request for Information (NOD 1)
APP-7	EMC-00203-00204	9/30/2022	TCEQ ED – Confirmation of Receipt of Air Dispersion Modeling Files
APP-8	EMC-00205-00206	10/04/2022	TCEQ ED – Inquiry About Emission Rates
APP-9	EMC-00207-00246	10/04/2022	TCEQ ED – Draft Permit and Notice of Application and Preliminary Decision (NAPD) Public Notice Package
APP-10	EMC-00247	10/04/2022	TCEQ ED – Legislator Notice of Draft Permit
APP-11	EMC-00248-00250	10/05/2022	TCEQ ED – Clarification Regarding PLS vs. PI-1
APP-12	EMC-00251-00255	10/06/2022	TCEQ ED – Request for Information (NOD 2)
APP-13	EMC-00256-00292	10/19/2022	EM – Response with Application Information (NOD 1, NOD2) (redacted), Comments to Draft Permit
APP-13C	EMC-00293-00304	10/19/2022	EM – Response with Application Information (NOD 1, NOD2) Contains Confidential Information
APP-14	EMC-00305-00356	10/19/2022	EM – Response with Revised PI-1 Workbook
APP-15	EMC-00357-00424	10/19/2022	EM – Revised Air Quality Analysis Report and EMEW
APP-16	EMC-00425-00427	10/19/2022	TCEQ ED – Confirmation of Receipt of Air Dispersion Modeling Files
APP-17	EMC-00428	10/19/2022	EM – Air Dispersion Modeling Data Files Information
APP-18	EMC-00429-00431	10/26/2022	TCEQ ED – Meeting Request
APP-19	EMC-00432-00442	10/27/2022	EM – NORI Proof of Publication
APP-20	EMC-00443-00464	10/28/2022	TCEQ ED – Request for Information (NOD 3) and Draft Permit
APP-21	EMC-00465-00534	11/04/2022	EM – Response with Application Information (NOD 3), Revised PI-1, and Comments to Draft Permit
APP-22	EMC-00535-00537	11/06/2022	TCEQ ED – Request for Information (NOD 3, Item 3)
APP-23	EMC-00538-00540	11/06/2022	EM – Response with Application Information (NOD 3, Item 3)

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Exhibit No.	Bates	Date	Document Description
APP-24	EMC-00541-00548	11/12/2022	TCEQ ED – AQA Audit and Request for Information (SC 7)
APP-25	EMC-00549-00576	11/18/2022	TCEQ ED – Response Related to SC 7F and Draft MAERT
APP-26	EMC-00577-00595	11/22/2022	TCEQ ED – Draft English NAPD
APP-27	EMC-00596-00603	11/28/2022	EM – Draft Spanish NAPD
APP-28	EMC-00604-00655	11/28/2022	TCEQ ED – Revised Draft Permit
APP-29	EMC-00656-00723	11/29/2022	EM – Response Related to SC 7F, Updated NAPD and PI-1
APP-30	EMC-00724-00732	11/30/2022	EM – Revised Spanish NAPD
APP-31	EMC-00733-00738	12/01/2022	EM – NORI Public Notice Verification
APP-32	EMC-00739-00746	12/7/2022	EM – Revised NORI Public Notice Verification Form
APP-33	EMC-00747-00750	12/7/2022	TCEQ ED – Confirmation of Revised NORI Public Notice Verification Form
APP-34	EMC-00751-00759	12/8/2022	EM – Revised NORI Public Notice Verification Form
APP-35	EMC-00760-00772	12/9/2022	TCEQ ED – Request for Information (Spanish NAPD)
APP-36	EMC-00773-00789	12/13/2022	TCEQ ED – Notice of Preliminary Decision
APP-37	EMC-00790-00811	12/13/2022	TCEQ ED – Final Draft Permit
APP-38	EMC-00812-00825	12/13/2022	TCEQ ED – DRAFT Technical Review
APP-39	EMC-00826-00838	12/28/2022	EM – NAPD Proof of Publication
APP-40	EMC-00839-00844	1/27/2023	EM – NAPD Public Notice Verification
APP-41	EMC-00845	2/14/2023	EM – Applicant's Request for Direct Referral
APP-42	EMC-00846-00871	6/8/2023	TCEQ ED – Response to Comments
REFERENCE MATERIALS FOR APPLICATION			
APP-43	EMC-00872-00881	1998	EPA – AP-42 Emission Factors Section 1.4 (Natural Gas Combustion)
APP-44	EMC-00882-00902	2015	EPA – AP-42 Emission Factors Section 5.1 (Petroleum Refining)
APP-45	EMC-00903-00908	1995	EPA – AP-42 Emission Factors Section 13.4 (Wet Cooling Towers)
APP-46	EMC-00909-00918	2008	EPA – Emissions Factors for Equipment Leaks
APP-47	EMC-00919-01321	1995	EPA – Protocol for Equipment Leak Emission Estimates
APP-48	EMC-01322-01443	1996	EPA – Preferred and Alternative Methods for Estimating Fugitive Emissions from Equipment Leaks
APP-49	EMC-01444-01497	2017	EPA – Revisions to Guideline on Air Quality Models
APP-50	EMC-01498-01550	2019	EPA – Guideline on Air Quality Models
APP-51	EMC-01551-01589	2019	EPA – AERMOD Implementation Guide
APP-52	EMC-01590-01616	2011	EPA – Application of Appendix W Modeling Guidance for 1-hour NO ₂ NAAQS
APP-53	EMC-01617-01643	2011	EPA – Clarification of Guidance for Implementation of 1-hour NO ₂ NAAQS
APP-54	EMC-01644-01787	2014	EPA – Guidance for PM _{2.5} Permit Modeling
APP-55	EMC-01788-01861	2019	EPA – Ozone and PM _{2.5} MERPS Guidance
APP-56	EMC-01862-01882	2018	EPA – Ozone and PM _{2.5} SILs Guidance

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Exhibit No.	Bates	Date	Document Description
APP-57	EMC-01883-01901	2010	EPA – PSD Implementation Guidance for 1-hour SO ₂ NAAQS
APP-58	EMC-01902-01961	2000	TCEQ – Draft Guidance for Equipment Leak Fugitives
APP-59	EMC-01962-01980	2007	TCEQ – RG-360A Technical Supplement for Equipment Leak Fugitives
APP-60	EMC-01981-01982		TCEQ – Equipment Leak Fugitive Emissions Calculations
APP-61	EMC-01983-02017	2018	TCEQ – APDG 6422 - Air Permit Technical Guidance for Chemical Sources - Fugitive Guidance
APP-62	EMC-02018	2011	TCEQ – BACT – Fugitives
APP-63	EMC-02019-02040	2018	TCEQ – APDG 5874 - Modeling and Effects Review Applicability
APP-64	EMC-02041-02387	2015	TCEQ – RG-442 - TCEQ Guidelines to Develop Toxicity Factors
APP-65	EMC-02388-02502	2018	TCEQ – APDG 6232 - Air Quality Modeling Guidelines
APP-66	EMC-02503-02525	2014	Occidental Chemical Company Ingleside Permit Nos. 107530 / PSDTX1338
APP-67	EMC-02526-02563	2016	E.I. Du Pont De Nemours & Company Orange Permit No. 914
APP-68	EMC-02564-02600	2017	Chevron Philips Chemical Company Sweeny Permit Nos. 22690 – PSDTX751M1
APP-69	EMC-02601-02666	2019	Exxon Mobil Corporation Baytown Olefins Plant Permit Nos. 3452 / PSDTX302M2 / PAL6
APP-70	EMC-02667-02693	2019	The Dow Chemical Company Freeport Permit Nos. 107153 / PSDTX1328M2 / N260
APP-71	EMC-02694-02733	2019	TotalEnergies Petrochemicals & Refining USA, Inc. Port Arthur Permit Nos. 122353 / PSDTX1426
APP-72	EMC-02734-02772	2020	BASF, Port Arthur Permit Nos. 36644 / PSDTX903M5 / N007M1
APP-73	EMC-02773-02802	2020	Chevron Philips Chemical Company Cedar Bayou Permit Nos. 1504A / PSDTX748M1 / N148M2
APP-74	EMC-02803-02837	2020	Occidental Chemical Company Ingleside Permit Nos. 107530 / PSDTX1338
APP-75	EMC-02838-02871	2021	Formosa Plastics Corporation Texas Point Comfort Permit Nos. 107518 / PSDTXX1383M1
APP-76	EMC-02872-02889	2022	Exxon Mobil Corporation Baytown Olefins Plant Permit No. 102982
APP-77	EMC-02890-02941	2022	GCGV Permit Nos. 14625 / PSDTX1518