From:	Moulik, Pratim
To:	bjsweeley@marathonpetroleum.com
Subject:	IDEM OAQ Contact Information for Application No. 097-47913-00078 for MPLX Terminals LLC - Speedway Terminal
Date:	Wednesday, June 5, 2024 8:07:00 AM
Attachments:	image001.png image002.png image003.png image004.png image005.png image006.png image007.png image008.png image009.png

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Dear Brian Sweeley,

I am the permit writer assigned to the current application No. 097-47913-00078 for MPLX Terminals LLC - Speedway Terminal. I would like to extend to you my contact information so that we may have continued communication until your new permit is issued. Please keep this information at hand. It is common for questions to arise, and oftentimes, further clarification is needed during the permit review process.

To expedite the review process, please e-mail me the electronic copy of your calculations (preferably in excel format) and other supporting documents used as part of your application.

IDEM, OAQ will notify you when a draft permit has been submitted for public notice and/or when a final permit has been issued. As part of the notification, IDEM, OAQ will provide information on how to access the draft and/or final permit electronically on IDEM's website. If MPLX Terminals LLC - Speedway Terminal would prefer to receive paper copies of the entire draft and/or final permit, please let me know prior to the end of the applicant review period. If you prefer to receive paper copies of the entire permit, IDEM, OAQ will mail a paper copy of the draft permit and/or original signed final permit to the source contact. If you do not request to receive paper copies of the entire permit, IDEM, OAQ will only mail a paper copy of the original signed final permit signature page to the source contact.

Please feel free to contact me at any time if you have questions, concerns, or important information regarding your permit. For your convenience, my section chief (Josiah Balogun) may be contacted at 317-234-6871 or jbalogun@idem.IN.gov.

Thank you in advance for your time and assistance. I look forward to working with you.

Sincerely,

Pratim Moulik

Pratim Moulik
Environmental Manager 2

(317) 234-6871 • PMoulik@idem.IN.gov

www.idem.IN.gov

Scan the QR code to leave your feedback.

We appreciate your input!

From: Wallace, William T.
To: Moulik, Pratim
Subject: RE: [EXTERNAL] IDEM OAQ Contact Information for Application No. 097-47913-00078 for MPLX Terminals LLC - Speedway Terminal
Date: Wednesday, June 5, 2024 12:34:48 PM
Attachments: image004.png
image011.png
image012.png
image014.png
image015.png
image016.png
image017.png
image018.png
image019.png
image001.png

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Pratim,

Additionally, if you would like to reach out via phone, my cell number is in my signature below.

Thanks!

Will Wallace
Environmental Engineer

Office: 317-260-3285
Mobile: 618-553-3095
Email: wtwallace@marathonpetroleum.com

1304 Olin Ave
Indianapolis, IN 46222

From: Wallace, William T. <WTWallace@marathonpetroleum.com>
Sent: Wednesday, June 5, 2024 12:33 PM
To: Moulik, Pratim <PMoulik@idem.IN.gov>; Sweeley, Brian J. <bjsweeley@marathonpetroleum.com>
Subject: RE: [EXTERNAL] IDEM OAQ Contact Information for Application No. 097-47913-00078 for MPLX Terminals LLC - Speedway Terminal

Pratim,

Thanks for reaching out! Attached is the emissions data for this application which was calculated using the BREEZE TanksESP emissions calculation system. The first tab shows raw emissions data from RB-8-1 (existing UST) as well as from the proposed AST. Additionally, there is a summary table for VOC emissions on the second tab.

Please let me know if you require more information.

Thanks,
Will Wallace

From: Moulik, Pratim <PMoulik@idem.IN.gov>
Sent: Wednesday, June 5, 2024 11:57 AM
To: Sweeley, Brian J. <bjsweeley@marathonpetroleum.com>
Cc: Wallace, William T. <WTWallace@marathonpetroleum.com>
Subject: RE: [EXTERNAL] IDEM OAQ Contact Information for Application No. 097-47913-00078 for MPLX Terminals LLC - Speedway Terminal

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From: Sweeley, Brian J. <bjsweeley@marathonpetroleum.com>
Sent: Wednesday, June 5, 2024 11:51 AM
To: Moulik, Pratim <PMoulik@idem.IN.gov>
Cc: Wallace, William T. <WTWallace@marathonpetroleum.com>
Subject: RE: [EXTERNAL] IDEM OAQ Contact Information for Application No. 097-47913-00078 for MPLX Terminals LLC - Speedway Terminal

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Pratim,

Thanks for reaching out! Will Wallace (Marathon Environmental Engineer) is copied on this response and will provide the requested information as soon as possible. Please feel free to correspond with him directly on this project.

Sincerely,

Brian Sweeley

Environmental Manager
Air Compliance and Technical Support
Logistics & Storage
Marathon Petroleum Company LP
M: 409-370-6368
bjsweeley@marathonpetroleum.com

From: Moulik, Pratim <PMoulik@idem.IN.gov>
Sent: Wednesday, June 5, 2024 7:08 AM
To: Sweeley, Brian J. <bjsweeley@marathonpetroleum.com>
Subject: [EXTERNAL] IDEM OAQ Contact Information for Application No. 097-47913-00078 for MPLX Terminals LLC - Speedway Terminal

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From:	Wallace, William T.
To:	Moulik, Pratim; Sweeley, Brian J.
Subject:	RE: [EXTERNAL] IDEM OAQ Contact Information for Application No. 097-47913-00078 for MPLX Terminals LLC - Speedway Terminal
Date:	Wednesday, June 5, 2024 12:34:52 PM
Attachments:	image001.png image002.png image005.png image006.png image007.png image008.png image009.png image010.png image003.png Refuel AST Emissions.xlsx

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Air Compliance and Technical Support
Logistics & Storage
Marathon Petroleum Company LP
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bjsweeley@marathonpetroleum.com

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We appreciate your input!

TankSummaries for 2022 Annual

Site: Speedway, IN, Speedway, IN

Equations for this site: After 2019 AP-42 revisions H/D ratio: calculated

Tank ID	Tank Diameter (ft)	Tank Type	Product	RVP	Throughput in gal.
RB-8-1	17.573758	Horizontal Tank	Diesel		230000
RB-8-1	17.573758	Horizontal Tank	Diesel		230000
RB-8-1	17.573758	Horizontal Tank	Diesel		230000
RB-8-1	17.573758	Horizontal Tank	Diesel		230000
RB-8-1	17.573758	Horizontal Tank	Diesel		230000
RB-8-1	17.573758	Horizontal Tank	Diesel		230000
RB-8-1	17.573758	Horizontal Tank	Diesel		230000
RB-8-1	17.573758	Horizontal Tank	Diesel		230000
RB-8-1	17.573758	Horizontal Tank	Diesel		230000
RB-8-1	17.573758	Horizontal Tank	Diesel		230000
RB-8-1	17.573758	Horizontal Tank	Diesel		230000
RB-8-1	17.573758	Horizontal Tank	Diesel		230000
REFUEL_AST	18.619063	Horizontal Tank	Diesel		230000
REFUEL_AST	18.619063	Horizontal Tank	Diesel		230000
REFUEL_AST	18.619063	Horizontal Tank	Diesel		230000
REFUEL_AST	18.619063	Horizontal Tank	Diesel		230000
REFUEL_AST	18.619063	Horizontal Tank	Diesel		230000
REFUEL_AST	18.619063	Horizontal Tank	Diesel		230000
REFUEL_AST	18.619063	Horizontal Tank	Diesel		230000
REFUEL_AST	18.619063	Horizontal Tank	Diesel		230000
REFUEL_AST	18.619063	Horizontal Tank	Diesel		230000
REFUEL_AST	18.619063	Horizontal Tank	Diesel		230000
REFUEL_AST	18.619063	Horizontal Tank	Diesel		230000
REFUEL_AST	18.619063	Horizontal Tank	Diesel		230000

Bulk Liquid Temperature (degF)	Avg. Liquid Surface Temp. (degF)	Avg. TVP (psia)
50	50	0.004630854
50	50	0.004630854
50	50	0.004630854
50	50	0.004630854
60	60	0.006482019
60	60	0.006482019
60	60	0.006482019
60	60	0.006482019
60	60	0.006482019
50	50	0.004630854
50	50	0.004630854
50	50	0.004630854
28.962478	29.483899	0.002225012
33.061235	33.833911	0.002612392
43.143937	44.248701	0.003793485
54.66977	56.078975	0.005690089
64.187562	65.853122	0.007845414
73.548762	75.405457	0.010617515
76.615222	78.448481	0.01166553
75.85901	77.507438	0.011332128
68.296005	69.662527	0.008863161
56.164105	57.123706	0.005892252
44.07122	44.654258	0.00384779
32.949	33.396499	0.002570897

Includes a landing loss?	Initial fill?	Includes a tank cleaning?	Number of Days
N	N	N	31
N	N	N	28
N	N	N	31
N	N	N	30
N	N	N	31
N	N	N	30
N	N	N	31
N	N	N	31
N	N	N	30
N	N	N	31
N	N	N	30
N	N	N	31
N	N	N	31
N	N	N	28
N	N	N	31
N	N	N	30
N	N	N	31
N	N	N	30
N	N	N	31
N	N	N	31
N	N	N	30
N	N	N	31
N	N	N	30
N	N	N	31

Estimated standing losses (lbs)	Estimated working losses (lbs)
0	0.81430783
0	0.79008396
0	0.81430783
0	0.80623321
0	1.1178903
0	1.1068054
0	1.1178903
0	1.1178903
0	1.1068054
0	0.81430783
0	0.80623321
0	0.81430783
0.045865786	0.39241062
0.05649375	0.44401858
0.10727121	0.64869935
0.16994765	0.94157377
0.2431199	1.2851875
0.31314653	1.6922409
0.34830055	1.8658049
0.32725671	1.8162672
0.2547185	1.4292199
0.16067834	0.98282255
0.081588151	0.65216642
0.048634638	0.44988537

Routine Emissions (lbs)	Non Routine Emissions (lbs)
0.81430783	0
0.79008396	0
0.81430783	0
0.80623321	0
1.1178903	0
1.1068054	0
1.1178903	0
1.1178903	0
1.1068054	0
0.81430783	0
0.80623321	0
0.81430783	0
0.4382764	0
0.50051233	0
0.75597057	0
1.1115214	0
1.5283074	0
2.0053874	0
2.2141055	0
2.1435239	0
1.6839384	0
1.1435009	0
0.73375457	0
0.49852	0

Total estimated emissions (lbs)	Acetaldehyde	Acetic acid
0.81430783	no data	no data
0.79008396	no data	no data
0.81430783	no data	no data
0.80623321	no data	no data
1.1178903	no data	no data
1.1068054	no data	no data
1.1178903	no data	no data
1.1178903	no data	no data
1.1068054	no data	no data
0.81430783	no data	no data
0.80623321	no data	no data
0.81430783	no data	no data
0.4382764	no data	no data
0.50051233	no data	no data
0.75597057	no data	no data
1.1115214	no data	no data
1.5283074	no data	no data
2.0053874	no data	no data
2.2141055	no data	no data
2.1435239	no data	no data
1.6839384	no data	no data
1.1435009	no data	no data
0.73375457	no data	no data
0.49852	no data	no data

Acetic anhydride{acetic acid anhydride}	Acetone	Acetonitrile	Acrylamide
no data	no data	no data	no data
no data	no data	no data	no data
no data	no data	no data	no data
no data	no data	no data	no data
no data	no data	no data	no data
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Acrylic acid{2-propenpic acid)	Acrylonitrile{2-propenenitrile}	Allyl alcohol
no data	no data	no data
no data	no data	no data
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no data	no data	no data
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Allyl chloride{3-chloro-1-propene}	Ammonia	Aniline	Anthracene	Benz[a]anthracene
no data	no data	no data	no data	no data
no data	no data	no data	no data	no data
no data	no data	no data	no data	no data
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Benzene	Benzo(g,h,i)perylene	Benzo[a]pyrene	Biphenyl	Butadiene (1,3)	Butane
0.00179319	1.68813E-16	no data	no data	no data	no data
0.00173985	1.63792E-16	no data	no data	no data	no data
0.00179319	1.68813E-16	no data	no data	no data	no data
0.00177541	1.67139E-16	no data	no data	no data	no data
0.0023363	4.63604E-16	no data	no data	no data	no data
0.00231313	4.59007E-16	no data	no data	no data	no data
0.0023363	4.63604E-16	no data	no data	no data	no data
0.0023363	4.63604E-16	no data	no data	no data	no data
0.00231313	4.59007E-16	no data	no data	no data	no data
0.00179319	1.68813E-16	no data	no data	no data	no data
0.00177541	1.67139E-16	no data	no data	no data	no data
0.00179319	1.68813E-16	no data	no data	no data	no data
0.00107229	2.00458E-17	no data	no data	no data	no data
0.00119788	3.18722E-17	no data	no data	no data	no data
0.00171514	1.03877E-16	no data	no data	no data	no data
0.00237123	3.52358E-16	no data	no data	no data	no data
0.00309723	9.39501E-16	no data	no data	no data	no data
0.00386435	2.30052E-15	no data	no data	no data	no data
0.00419851	3.08402E-15	no data	no data	no data	no data
0.00408493	2.81243E-15	no data	no data	no data	no data
0.0033448	1.33117E-15	no data	no data	no data	no data
0.00242614	3.89552E-16	no data	no data	no data	no data
0.00166125	1.03823E-16	no data	no data	no data	no data
0.00119577	3.07145E-17	no data	no data	no data	no data

Butanol (2)	Butene (1)	Butene (2-methyl-1)	Butene (2-methyl-2) {isopentene}
no data	no data	no data	no data
no data	no data	no data	no data
no data	no data	no data	no data
no data	no data	no data	no data
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Butene (cis-2) {(Z)-2-butene)}	Butene (trans-2({(E)-2-butene}	Butyl acetate (n-)
no data	no data	no data
no data	no data	no data
no data	no data	no data
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Butyl alcohol (n-) {butanol (1)}	Butyl alcohol (t-)
no data	no data
no data	no data
no data	no data
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no data	no data
no data	no data
no data	no data
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Butyl chloride (-n){1-chloro-butane}	Butyl ether (di-tert)	Butylbenzene (n-)
no data	no data	no data
no data	no data	no data
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no data	no data	no data

Butylbenzene (sec-)	Carbon disulfide	Carbon tetrachloride	Carbonyl sulfide
no data	no data	no data	no data
no data	no data	no data	no data
no data	no data	no data	no data
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Chlorobenzene	Chlorobutane (2)	Chloroform	Chloroprene{2-chioro-1.3-butadiene}
no data	no data	no data	no data
no data	no data	no data	no data
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Chlorotoluene (o){1 -chloro-2methylbenzene}	Chrysene
no data	no data
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Chrysene{benzo[a]phenanthrene}	Cresol	Cresol (m-)	Cresol (o-)	Cresol (p-)
no data	no data	no data	no data	no data
no data	no data	no data	no data	no data
no data	no data	no data	no data	no data
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Cumene {isopropylbenzene}	Cyclohexane	Cyclohexanol	Cyclohexanone	Cyclohexene
0	0	no data	no data	no data
0	0	no data	no data	no data
0	0	no data	no data	no data
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Cyclopentadiene	Cyclopentane	Cyclopentanone	Cyclopentene	Decane (n-)
no data	no data	no data	no data	no data
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DGM ether {diethylene glycol monomethyl ether}

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Dibromoethane (1,2) {ethylene dibromide}	Dibromopropane (1,2)	Dibromopropane (1,3)
no data	no data	no data
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Dichioroethane (1,1)	Dichloroethane (1,2)
no data	no data
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Dichloroethylene (1,2){1,2 dichloroethene}	Dichloroethylene (trans-1,2)
no data	no data
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Dichlorotoluene (3,4)	Diethanolamine {DEA}	Diethoxyethane (1,1)	Diethoxymethane
no data	no data	no data	no data
no data	no data	no data	no data
no data	no data	no data	no data
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Diethyibenzene (1,2)	Diethyibenzene (1,4)
no data	no data
no data	no data
no data	no data
no data	no data
no data	no data
no data	no data
no data	no data
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Diethyl (n.n) aniline {N,N-diethylbenzenamine}	Diethyl ketone {3-pentanone}
no data	no data
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no data	no data
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Diethyl sulfide	Diethylamine	Diethylbenzene (1,3)	Di-isopropyl ether
no data	no data	no data	no data
no data	no data	no data	no data
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Dimethoxyethane (1.2)	Dimethyipentane (2,2)	Dimethyl butane (2,2)
no data	no data	no data
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Dimethyl butane (2,3)	Dimethyl cyclopentane (1,1)	Dimethyl formamide {n,n)
no data	no data	no data
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Dimethyl hydrazine (1,1)	Dimethyl phthalate	Dimethyl sulfide
no data	no data	no data
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no data	no data	no data
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Dimethyl-2-ethylbenzene (1,3)	Dimethyl-2-ethylbenzene (1,4)	Dimethylhexane (2,4)
no data	no data	no data
no data	no data	no data
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Dimethylpentane (2,3)	Dimethylpentane (2,4)	Dimethylpentane (3,3)	Dioxane (1,4)
no data	no data	no data	no data
no data	no data	no data	no data
no data	no data	no data	no data
no data	no data	no data	no data
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Dipropyl ether {di-n-propyl ether}	DMN (2,6) {2,6-dimethyl-naphthalene}
no data	no data
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Dodecane (n-)	Epichlorohydrin {chloromethyl oxirane}	Ethane
no data	no data	no data
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Ethanol {ethyl alcohol}	Ethyipentane (3)	Ethyl acetate
no data	no data	no data
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Ethyl acrylate {ethyl ester 2-propenoic acid}	Ethyl chloride
no data	no data
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Ethyl ether {diethyl ether}	Ethylamine	Ethylbenzene	Ethylcyclohexane
no data	no data	0.002398554	no data
no data	no data	0.002327202	no data
no data	no data	0.002398554	no data
no data	no data	0.00237477	no data
no data	no data	0.003363195	no data
no data	no data	0.003329846	no data
no data	no data	0.003363195	no data
no data	no data	0.003363195	no data
no data	no data	0.003329846	no data
no data	no data	0.002398554	no data
no data	no data	0.00237477	no data
no data	no data	0.002398554	no data
no data	no data	0.001216687	no data
no data	no data	0.001409798	no data
no data	no data	0.002195047	no data
no data	no data	0.00331819	no data
no data	no data	0.004645842	no data
no data	no data	0.006182094	no data
no data	no data	0.00685122	no data
no data	no data	0.006625341	no data
no data	no data	0.005149755	no data
no data	no data	0.003420948	no data
no data	no data	0.002132811	no data
no data	no data	0.001402208	no data

Ethylcyclopentane	Ethylene	Ethylene glycol	Ethyleneoxide	Fluoranthene	Fluorobenzene
no data	no data	no data	no data	no data	no data
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Fonnic acid	Formic acid	Freon 11 {trichlorofluoromethane}	Furan
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Furfural {2-furancarboxaldehyde}	Heneicosane (n)	Heptane (n-)	Total lc Heptene (1)
no data	no data	no data	no data
no data	no data	no data	no data
no data	no data	no data	no data
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ɔss components in the "All" set (lbs)

Hexadiene (1,5)	Hexane (n-)	Hexanol (1)	Hexene (1)
no data	0.000372584	no data	no data
no data	0.0003615	no data	no data
no data	0.000372584	no data	no data
no data	0.000368889	no data	no data
no data	0.00047701	no data	no data
no data	0.00047228	no data	no data
no data	0.00047701	no data	no data
no data	0.00047701	no data	no data
no data	0.00047228	no data	no data
no data	0.000372584	no data	no data
no data	0.000368889	no data	no data
no data	0.000372584	no data	no data
no data	0.000231739	no data	no data
no data	0.000256623	no data	no data
no data	0.000360144	no data	no data
no data	0.000487415	no data	no data
no data	0.000626217	no data	no data
no data	0.00076947	no data	no data
no data	0.000832088	no data	no data
no data	0.000810748	no data	no data
no data	0.000672097	no data	no data
no data	0.000497801	no data	no data
no data	0.000348565	no data	no data
no data	0.000256393	no data	no data

Hydrogen cyanide {hydrocyanic acid}	Hydrogen fluoride	Hydrogen sulfide	Indene
no data	no data	no data	no data
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no data	no data	no data	no data
no data	no data	no data	no data

Iso-butane	isobutene {methylpropene (2)}	Isobutyl alcohol {2-methyl 1-propanol}
no data	no data	no data
no data	no data	no data
no data	no data	no data
no data	no data	no data
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no data	no data	no data
no data	no data	no data

Iso-octane {2,2,4 trimethylpentane}	Isopentane {2-methylbutane}
0	no data
0	no data
0	no data
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0	no data

Isoprene {2-methyl 1,3-butadiene}	Isopropyl alcohol {isopropanol}
no data	no data
no data	no data
no data	no data
no data	no data
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no data	no data
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Isopropyl benzene {cumene}	isopropylbenzene (1-methyl-2)	Isopropyltoluene (p-)
no data	no data	no data
no data	no data	no data
no data	no data	no data
no data	no data	no data
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Lead	MDI {methylene diphenyl diisocyanate}	Mercury
no data	no data	no data
no data	no data	no data
no data	no data	no data
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no data	no data	no data
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Methacrylonitrile {2-methyl 2-propenenitrile}	Methane	Methanol {methyl alcohol}
no data	no data	no data
no data	no data	no data
no data	no data	no data
no data	no data	no data
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Methyihexane (2)	Methyl acetate	Methyl acrylate {methyl ester 2-propenoic acid}
no data	no data	no data
no data	no data	no data
no data	no data	no data
no data	no data	no data
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Methyl ethyl ketone {2-butanone}	Methyl isobutyl ketone {hexone}
no data	no data
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Methyl methacrylate	Methyl propyl ether	Methyl styrene (alpha)
no data	no data	no data
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no data	no data	no data
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Methyl-2-ethylbenzene (1)	Methylcyclohexane	Methylcyclopentane
no data	no data	no data
no data	no data	no data
no data	no data	no data
no data	no data	no data
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Methyldichlorosilane	Methylene chloride {dichloromethane}	Methylheptane (2)
no data	no data	no data
no data	no data	no data
no data	no data	no data
no data	no data	no data
no data	no data	no data
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Methylheptane (3)	Methylheptane (4)	Methylhexane (2) {isoheptane}	Methylhexane (3)
no data	no data	no data	no data
no data	no data	no data	no data
no data	no data	no data	no data
no data	no data	no data	no data
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no data	no data	no data	no data

Methylnaphthalene (1-)	Methylnaphthalene (2-)	Methyloctane (4)
no data	no data	no data
no data	no data	no data
no data	no data	no data
no data	no data	no data
no data	no data	no data
no data	no data	no data
no data	no data	no data
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no data	no data	no data

Methylpentane (2) {isohexane}	Methylpentane (3)	Monoethanolamine {MEA}	Morpholine
no data	no data	no data	no data
no data	no data	no data	no data
no data	no data	no data	no data
no data	no data	no data	no data
no data	no data	no data	no data
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no data	no data	no data	no data
no data	no data	no data	no data
no data	no data	no data	no data

MTBE {Methyl tert-butyl ether}	Naphthalene	Neopentane {dimethylpropane (2,2)}
no data	0.000289333	no data
no data	0.000280726	no data
no data	0.000289333	no data
no data	0.000286464	no data
no data	0.000451554	no data
no data	0.000447077	no data
no data	0.000451554	no data
no data	0.000451554	no data
no data	0.000447077	no data
no data	0.000289333	no data
no data	0.000286464	no data
no data	0.000289333	no data
no data	0.000115725	no data
no data	0.000141326	no data
no data	0.000248348	no data
no data	0.000427464	no data
no data	0.000662511	no data
no data	0.00096919	no data
no data	0.001106007	no data
no data	0.001059949	no data
no data	0.000763046	no data
no data	0.00044562	no data
no data	0.000242415	no data
no data	0.000139832	no data

Nickel	Nitrates {Propyl nitrate}	Nitrobenzene	Nitromethane	Nonadecane (n)
no data	no data	no data	no data	no data
no data	no data	no data	no data	no data
no data	no data	no data	no data	no data
no data	no data	no data	no data	no data
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no data	no data	no data	no data	no data
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no data	no data	no data	no data	no data

Nonane (n-)	Octadecane (n)	Octane (n-)	Octanol (1)	Octene (1)	PACs {Chrysene}
no data	no data	no data	no data	no data	4.1515E-14
no data	no data	no data	no data	no data	4.028E-14
no data	no data	no data	no data	no data	4.1515E-14
no data	no data	no data	no data	no data	4.11033E-14
no data	no data	no data	no data	no data	1.06758E-13
no data	no data	no data	no data	no data	1.057E-13
no data	no data	no data	no data	no data	1.06758E-13
no data	no data	no data	no data	no data	1.06758E-13
no data	no data	no data	no data	no data	1.057E-13
no data	no data	no data	no data	no data	4.1515E-14
no data	no data	no data	no data	no data	4.11033E-14
no data	no data	no data	no data	no data	4.1515E-14
no data	no data	no data	no data	no data	5.68898E-15
no data	no data	no data	no data	no data	8.76598E-15
no data	no data	no data	no data	no data	2.65612E-14
no data	no data	no data	no data	no data	8.32336E-14
no data	no data	no data	no data	no data	2.08425E-13
no data	no data	no data	no data	no data	4.81056E-13
no data	no data	no data	no data	no data	6.33136E-13
no data	no data	no data	no data	no data	5.80662E-13
no data	no data	no data	no data	no data	2.88359E-13
no data	no data	no data	no data	no data	9.13937E-14
no data	no data	no data	no data	no data	2.64737E-14
no data	no data	no data	no data	no data	8.47403E-15

Pentachloroethane	Pentadiene (1,2)	Pentadiene (1,4)	Pentadiene (2,3)	Pentane (n-)
no data	no data	no data	no data	no data
no data	no data	no data	no data	no data
no data	no data	no data	no data	no data
no data	no data	no data	no data	no data
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no data	no data	no data	no data	no data
no data	no data	no data	no data	no data

Pentene (1)	Pentyne (1)	Phenanthrene	Phenol	Phosgene
no data	no data	no data	no data	no data
no data	no data	no data	no data	no data
no data	no data	no data	no data	no data
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no data	no data	no data	no data	no data

Picoline (3) {3-methyl pyridine}	Propane	Propanethiol (1)	Propanethiol (2)
no data	no data	no data	no data
no data	no data	no data	no data
no data	no data	no data	no data
no data	no data	no data	no data
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Propyl alcohol (n) {propanol (1)}	Propylamine (n) {1-propanamine}
no data	no data
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Propylbenzene (n-)	Propylcyclohexane	Propylene
no data	no data	no data
no data	no data	no data
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Propylene glycol (1,2) {1,2 propanediol}	Propylene oxide	Pyridine	Resorcinol
no data	no data	no data	no data
no data	no data	no data	no data
no data	no data	no data	no data
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no data	no data	no data	no data

Styrene	Tetra ethyl lead	Tetrachloroethane (1,1,1,2)	Tetrachloroethane (1,1,2,2)
no data	no data	no data	no data
no data	no data	no data	no data
no data	no data	no data	no data
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no data	no data	no data	no data

Tetrachloroethylene	Tetradecane (n-)	Tetrahydrofuran	Tetramethylbenzene (1,2,4,5)
no data	no data	no data	no data
no data	no data	no data	no data
no data	no data	no data	no data
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no data	no data	no data	no data

Toluene	Toluene diisocyanate	Trichloroethane (1,1,1)	Trichloroethane (1,1,2)
0.0196013	no data	no data	no data
0.0190182	no data	no data	no data
0.0196013	no data	no data	no data
0.01940693	no data	no data	no data
0.02642157	no data	no data	no data
0.02615958	no data	no data	no data
0.02642157	no data	no data	no data
0.02642157	no data	no data	no data
0.02615958	no data	no data	no data
0.0196013	no data	no data	no data
0.01940693	no data	no data	no data
0.0196013	no data	no data	no data
0.01087696	no data	no data	no data
0.01235232	no data	no data	no data
0.01837223	no data	no data	no data
0.02646606	no data	no data	no data
0.03570711	no data	no data	no data
0.04592439	no data	no data	no data
0.05036759	no data	no data	no data
0.04886315	no data	no data	no data
0.03903674	no data	no data	no data
0.02717467	no data	no data	no data
0.01782071	no data	no data	no data
0.01231035	no data	no data	no data

Trichloroethylene	Trichloropropane (1,2,3)	Tridecane (n-)	Triethanolamine {TEA}
no data	no data	no data	no data
no data	no data	no data	no data
no data	no data	no data	no data
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Trifluoroethane (1.1.2-trichloro-1,2,2)	Trimethylbenzene (1,2,3)
no data	no data
no data	no data
no data	no data
no data	no data
no data	no data
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no data	no data
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no data	no data
no data	no data
no data	no data
no data	no data
no data	no data

Trimethylbenzene (1,2,4)	Trimethylbenzene (1,3,5)
0.034454783	no data
0.033429829	no data
0.034454783	no data
0.034113132	no data
0.050962726	no data
0.050457383	no data
0.050962726	no data
0.050962726	no data
0.050457383	no data
0.034454783	no data
0.034113132	no data
0.034454783	no data
0.015505486	no data
0.018450976	no data
0.030534547	no data
0.049256076	no data
0.072536557	no data
0.101148936	no data
0.113724874	no data
0.109488905	no data
0.081943356	no data
0.051063045	no data
0.029737127	no data
0.018303171	no data

Trimethylchlorosilane {chlorotrimethylsilane}	Trimethylcyclohexane (1,1,3)
no data	no data
no data	no data
no data	no data
no data	no data
no data	no data
no data	no data
no data	no data
no data	no data
no data	no data
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no data	no data
no data	no data
no data	no data
no data	no data
no data	no data

Trimethylcyclopentane (1,1,3)	Trimethylpentane (2,2,3)	Trimethylpentane (2,3,4)
no data	no data	no data
no data	no data	no data
no data	no data	no data
no data	no data	no data
no data	no data	no data
no data	no data	no data
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no data	no data	no data
no data	no data	no data
no data	no data	no data

Trimethylpentane (2.3,3)	Undecane (n-)	Vinyl acetate {acetic acid ethenyl ester}
no data	no data	no data
no data	no data	no data
no data	no data	no data
no data	no data	no data
no data	no data	no data
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no data	no data	no data
no data	no data	no data
no data	no data	no data
no data	no data	no data

Vinylidene chloride {1,1-dichloro ethene}	Water	Xylene	Xylene (m-)	Xylene (o-)
no data	no data	0.0464722	no data	no data
no data	no data	0.0450897	no data	no data
no data	no data	0.0464722	no data	no data
no data	no data	0.0460114	no data	no data
no data	no data	0.0653444	no data	no data
no data	no data	0.0646965	no data	no data
no data	no data	0.0653444	no data	no data
no data	no data	0.0653444	no data	no data
no data	no data	0.0646965	no data	no data
no data	no data	0.0464722	no data	no data
no data	no data	0.0460114	no data	no data
no data	no data	0.0464722	no data	no data
no data	no data	0.0234442	no data	no data
no data	no data	0.027196	no data	no data
no data	no data	0.0424622	no data	no data
no data	no data	0.064399	no data	no data
no data	no data	0.0904151	no data	no data
no data	no data	0.1206422	no data	no data
no data	no data	0.1338172	no data	no data
no data	no data	0.1293703	no data	no data
no data	no data	0.1003309	no data	no data
no data	no data	0.0664128	no data	no data
no data	no data	0.0412628	no data	no data
no data	no data	0.0270465	no data	no data

Xylene (p-)	Zinc compounds	Start Date/Time	
no data	no data	1/1/2022	
no data	no data	2/1/2022	
no data	no data	3/1/2022	
no data	no data	4/1/2022	
no data	no data	5/1/2022	
no data	no data	6/1/2022	
no data	no data	7/1/2022	
no data	no data	8/1/2022	
no data	no data	9/1/2022	
no data	no data	10/1/2022	
no data	no data	11/1/2022	
no data	no data	12/1/2022	
no data	no data	1/1/2022	
no data	no data	2/1/2022	
no data	no data	3/1/2022	
no data	no data	4/1/2022	
no data	no data	5/1/2022	
no data	no data	6/1/2022	
no data	no data	7/1/2022	
no data	no data	8/1/2022	
no data	no data	9/1/2022	
no data	no data	10/1/2022	
no data	no data	11/1/2022	
no data	no data	12/1/2022	

	VOC PTE (lb/yr)
Existing UST Refuel Tank	11.23
Proposed new AST Refuel Tank	14.76

From:	Wallace, William T.
To:	Moulik, Pratim; Sweeley, Brian J.
Subject:	RE: [EXTERNAL] IDEM OAQ Contact Information for Application No. 097-47913-00078 for MPLX Terminals LLC - Speedway Terminal
Date:	Wednesday, June 5, 2024 12:34:52 PM
Attachments:	image001.png image002.png image005.png image006.png image007.png image008.png image009.png image010.png image003.png Refuel AST Emissions.xlsx

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**** This is an EXTERNAL email. Exercise caution. DO NOT open attachments or click links from unknown senders or unexpected email. ****

Pratim,

Thanks for reaching out! Attached is the emissions data for this application which was calculated using the BREEZE TanksESP emissions calculation system. The first tab shows raw emissions data from RB-8-1 (existing UST) as well as from the proposed AST. Additionally, there is a summary table for VOC emissions on the second tab.

Please let me know if you require more information.

Thanks,
Will Wallace

From: Moulik, Pratim <PMoulik@idem.IN.gov>
Sent: Wednesday, June 5, 2024 11:57 AM
To: Sweeley, Brian J. <bjsweeley@marathonpetroleum.com>
Cc: Wallace, William T. <WTWallace@marathonpetroleum.com>
Subject: RE: [EXTERNAL] IDEM OAQ Contact Information for Application No. 097-47913-00078 for MPLX Terminals LLC - Speedway Terminal

Thanks for letting me know.

Pratim Moulik
Environmental Manager 2

(317) 234-6871 • PMoulik@idem.IN.gov

www.idem.IN.gov

Scan the QR code to leave your feedback.

We appreciate your input!

From: Sweeley, Brian J. <bjsweeley@marathonpetroleum.com>
Sent: Wednesday, June 5, 2024 11:51 AM
To: Moulik, Pratim <PMoulik@idem.IN.gov>
Cc: Wallace, William T. <WTWallace@marathonpetroleum.com>
Subject: RE: [EXTERNAL] IDEM OAQ Contact Information for Application No. 097-47913-00078 for MPLX Terminals LLC - Speedway Terminal

**** This is an EXTERNAL email. Exercise caution. DO NOT open attachments or click links from unknown senders or unexpected email. ****

Pratim,

Thanks for reaching out! Will Wallace (Marathon Environmental Engineer) is copied on this response and will provide the requested information as soon as possible. Please feel free to correspond with him directly on this project.

Sincerely,

Brian Sweeley
Environmental Manager
Air Compliance and Technical Support
Logistics & Storage
Marathon Petroleum Company LP
M: 409-370-6368
bjsweeley@marathonpetroleum.com

From: Moulik, Pratim <PMoulik@idem.IN.gov>
Sent: Wednesday, June 5, 2024 7:08 AM
To: Sweeley, Brian J. <bjsweeley@marathonpetroleum.com>
Subject: [EXTERNAL] IDEM OAQ Contact Information for Application No. 097-47913-00078 for MPLX Terminals LLC - Speedway Terminal

Dear Brian Sweeley,

I am the permit writer assigned to the current application No. 097-47913-00078 for MPLX Terminals LLC - Speedway Terminal. I would like to extend to you my contact information so that we may have continued communication until your new permit is issued. Please keep this information at hand. It is common for questions to arise, and oftentimes, further clarification is needed during the permit review process.

To expedite the review process, please e-mail me the electronic copy of your calculations (preferably in excel format) and other supporting documents used as part of your application.

IDEM, OAQ will notify you when a draft permit has been submitted for public notice and/or when a final permit has been issued. As part of the notification, IDEM, OAQ will provide information on how to access the draft and/or final permit electronically on IDEM's website. If MPLX Terminals LLC - Speedway Terminal would prefer to receive paper copies of the entire draft and/or final permit, please let me know prior to the end of the applicant review period. If you prefer to receive paper copies of the entire permit, IDEM, OAQ will mail a paper copy of the draft permit and/or original signed final permit to the source contact. If you do not request to receive paper copies of the entire permit, IDEM, OAQ will only mail a paper copy of the original signed final permit signature page to the source contact.

Please feel free to contact me at any time if you have questions, concerns, or important information regarding your permit. For your convenience, my section chief (Josiah Balogun) may be contacted at 317-234-6871 or jbalogun@idem.IN.gov.

Thank you in advance for your time and assistance. I look forward to working with you.

Sincerely,

Pratim Moulik

Pratim Moulik
Environmental Manager 2

(317) 234-6871 • PMoulik@idem.IN.gov

www.idem.IN.gov

Scan the QR code to leave your feedback.

We appreciate your input!

TankSummaries for 2022 Annual

Site: Speedway, IN, Speedway, IN

Equations for this site: After 2019 AP-42 revisions H/D ratio: calculated

Tank ID	Tank Diameter (ft)	Tank Type	Product	RVP	Throughput in gal.
RB-8-1	17.573758	Horizontal Tank	Diesel		230000
RB-8-1	17.573758	Horizontal Tank	Diesel		230000
RB-8-1	17.573758	Horizontal Tank	Diesel		230000
RB-8-1	17.573758	Horizontal Tank	Diesel		230000
RB-8-1	17.573758	Horizontal Tank	Diesel		230000
RB-8-1	17.573758	Horizontal Tank	Diesel		230000
RB-8-1	17.573758	Horizontal Tank	Diesel		230000
RB-8-1	17.573758	Horizontal Tank	Diesel		230000
RB-8-1	17.573758	Horizontal Tank	Diesel		230000
RB-8-1	17.573758	Horizontal Tank	Diesel		230000
RB-8-1	17.573758	Horizontal Tank	Diesel		230000
RB-8-1	17.573758	Horizontal Tank	Diesel		230000
REFUEL_AST	18.619063	Horizontal Tank	Diesel		230000
REFUEL_AST	18.619063	Horizontal Tank	Diesel		230000
REFUEL_AST	18.619063	Horizontal Tank	Diesel		230000
REFUEL_AST	18.619063	Horizontal Tank	Diesel		230000
REFUEL_AST	18.619063	Horizontal Tank	Diesel		230000
REFUEL_AST	18.619063	Horizontal Tank	Diesel		230000
REFUEL_AST	18.619063	Horizontal Tank	Diesel		230000
REFUEL_AST	18.619063	Horizontal Tank	Diesel		230000
REFUEL_AST	18.619063	Horizontal Tank	Diesel		230000
REFUEL_AST	18.619063	Horizontal Tank	Diesel		230000
REFUEL_AST	18.619063	Horizontal Tank	Diesel		230000
REFUEL_AST	18.619063	Horizontal Tank	Diesel		230000

Bulk Liquid Temperature (degF)	Avg. Liquid Surface Temp. (degF)	Avg. TVP (psia)
50	50	0.004630854
50	50	0.004630854
50	50	0.004630854
50	50	0.004630854
60	60	0.006482019
60	60	0.006482019
60	60	0.006482019
60	60	0.006482019
60	60	0.006482019
50	50	0.004630854
50	50	0.004630854
50	50	0.004630854
28.962478	29.483899	0.002225012
33.061235	33.833911	0.002612392
43.143937	44.248701	0.003793485
54.66977	56.078975	0.005690089
64.187562	65.853122	0.007845414
73.548762	75.405457	0.010617515
76.615222	78.448481	0.01166553
75.85901	77.507438	0.011332128
68.296005	69.662527	0.008863161
56.164105	57.123706	0.005892252
44.07122	44.654258	0.00384779
32.949	33.396499	0.002570897

Includes a landing loss?	Initial fill?	Includes a tank cleaning?	Number of Days
N	N	N	31
N	N	N	28
N	N	N	31
N	N	N	30
N	N	N	31
N	N	N	30
N	N	N	31
N	N	N	31
N	N	N	30
N	N	N	31
N	N	N	30
N	N	N	31
N	N	N	31
N	N	N	28
N	N	N	31
N	N	N	30
N	N	N	31
N	N	N	30
N	N	N	31
N	N	N	31
N	N	N	30
N	N	N	31
N	N	N	30
N	N	N	31

Estimated standing losses (lbs)	Estimated working losses (lbs)
0	0.81430783
0	0.79008396
0	0.81430783
0	0.80623321
0	1.1178903
0	1.1068054
0	1.1178903
0	1.1178903
0	1.1068054
0	0.81430783
0	0.80623321
0	0.81430783
0.045865786	0.39241062
0.05649375	0.44401858
0.10727121	0.64869935
0.16994765	0.94157377
0.2431199	1.2851875
0.31314653	1.6922409
0.34830055	1.8658049
0.32725671	1.8162672
0.2547185	1.4292199
0.16067834	0.98282255
0.081588151	0.65216642
0.048634638	0.44988537

Routine Emissions (lbs)	Non Routine Emissions (lbs)
0.81430783	0
0.79008396	0
0.81430783	0
0.80623321	0
1.1178903	0
1.1068054	0
1.1178903	0
1.1178903	0
1.1068054	0
0.81430783	0
0.80623321	0
0.81430783	0
0.4382764	0
0.50051233	0
0.75597057	0
1.1115214	0
1.5283074	0
2.0053874	0
2.2141055	0
2.1435239	0
1.6839384	0
1.1435009	0
0.73375457	0
0.49852	0

Total estimated emissions (lbs)	Acetaldehyde	Acetic acid
0.81430783	no data	no data
0.79008396	no data	no data
0.81430783	no data	no data
0.80623321	no data	no data
1.1178903	no data	no data
1.1068054	no data	no data
1.1178903	no data	no data
1.1178903	no data	no data
1.1068054	no data	no data
0.81430783	no data	no data
0.80623321	no data	no data
0.81430783	no data	no data
0.4382764	no data	no data
0.50051233	no data	no data
0.75597057	no data	no data
1.1115214	no data	no data
1.5283074	no data	no data
2.0053874	no data	no data
2.2141055	no data	no data
2.1435239	no data	no data
1.6839384	no data	no data
1.1435009	no data	no data
0.73375457	no data	no data
0.49852	no data	no data

Acetic anhydride{acetic acid anhydride}	Acetone	Acetonitrile	Acrylamide
no data	no data	no data	no data
no data	no data	no data	no data
no data	no data	no data	no data
no data	no data	no data	no data
no data	no data	no data	no data
no data	no data	no data	no data
no data	no data	no data	no data
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no data	no data	no data	no data
no data	no data	no data	no data

Acrylic acid{2-propenpic acid)	Acrylonitrile{2-propenenitrile}	Allyl alcohol
no data	no data	no data
no data	no data	no data
no data	no data	no data
no data	no data	no data
no data	no data	no data
no data	no data	no data
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no data	no data	no data
no data	no data	no data

Allyl chloride{3-chloro-1-propene}	Ammonia	Aniline	Anthracene	Benz[a]anthracene
no data	no data	no data	no data	no data
no data	no data	no data	no data	no data
no data	no data	no data	no data	no data
no data	no data	no data	no data	no data
no data	no data	no data	no data	no data
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no data	no data	no data	no data	no data
no data	no data	no data	no data	no data
no data	no data	no data	no data	no data

Benzene	Benzo(g,h,i)perylene	Benzo[a]pyrene	Biphenyl	Butadiene (1,3)	Butane
0.00179319	1.68813E-16	no data	no data	no data	no data
0.00173985	1.63792E-16	no data	no data	no data	no data
0.00179319	1.68813E-16	no data	no data	no data	no data
0.00177541	1.67139E-16	no data	no data	no data	no data
0.0023363	4.63604E-16	no data	no data	no data	no data
0.00231313	4.59007E-16	no data	no data	no data	no data
0.0023363	4.63604E-16	no data	no data	no data	no data
0.0023363	4.63604E-16	no data	no data	no data	no data
0.00231313	4.59007E-16	no data	no data	no data	no data
0.00179319	1.68813E-16	no data	no data	no data	no data
0.00177541	1.67139E-16	no data	no data	no data	no data
0.00179319	1.68813E-16	no data	no data	no data	no data
0.00107229	2.00458E-17	no data	no data	no data	no data
0.00119788	3.18722E-17	no data	no data	no data	no data
0.00171514	1.03877E-16	no data	no data	no data	no data
0.00237123	3.52358E-16	no data	no data	no data	no data
0.00309723	9.39501E-16	no data	no data	no data	no data
0.00386435	2.30052E-15	no data	no data	no data	no data
0.00419851	3.08402E-15	no data	no data	no data	no data
0.00408493	2.81243E-15	no data	no data	no data	no data
0.0033448	1.33117E-15	no data	no data	no data	no data
0.00242614	3.89552E-16	no data	no data	no data	no data
0.00166125	1.03823E-16	no data	no data	no data	no data
0.00119577	3.07145E-17	no data	no data	no data	no data

Butanol (2)	Butene (1)	Butene (2-methyl-1)	Butene (2-methyl-2) {isopentene}
no data	no data	no data	no data
no data	no data	no data	no data
no data	no data	no data	no data
no data	no data	no data	no data
no data	no data	no data	no data
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no data	no data	no data	no data
no data	no data	no data	no data

Butene (cis-2) {(Z)-2-butene)}	Butene (trans-2({(E)-2-butene}	Butyl acetate (n-)
no data	no data	no data
no data	no data	no data
no data	no data	no data
no data	no data	no data
no data	no data	no data
no data	no data	no data
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Butyl alcohol (n-) {butanol (1)}	Butyl alcohol (t-)
no data	no data
no data	no data
no data	no data
no data	no data
no data	no data
no data	no data
no data	no data
no data	no data
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no data	no data

Butyl chloride (-n){1-chloro-butane}	Butyl ether (di-tert)	Butylbenzene (n-)
no data	no data	no data
no data	no data	no data
no data	no data	no data
no data	no data	no data
no data	no data	no data
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Butylbenzene (sec-)	Carbon disulfide	Carbon tetrachloride	Carbonyl sulfide
no data	no data	no data	no data
no data	no data	no data	no data
no data	no data	no data	no data
no data	no data	no data	no data
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Chlorobenzene	Chlorobutane (2)	Chloroform	Chloroprene{2-chioro-1.3-butadiene}
no data	no data	no data	no data
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Chlorotoluene (o){1 -chloro-2methylbenzene}	Chrysene
no data	no data
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Chrysene{benzo[a]phenanthrene}	Cresol	Cresol (m-)	Cresol (o-)	Cresol (p-)
no data	no data	no data	no data	no data
no data	no data	no data	no data	no data
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Cumene {isopropylbenzene}	Cyclohexane	Cyclohexanol	Cyclohexanone	Cyclohexene
0	0	no data	no data	no data
0	0	no data	no data	no data
0	0	no data	no data	no data
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Cyclopentadiene	Cyclopentane	Cyclopentanone	Cyclopentene	Decane (n-)
no data	no data	no data	no data	no data
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DGM ether {diethylene glycol monomethyl ether}

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Dibromoethane (1,2) {ethylene dibromide}	Dibromopropane (1,2)	Dibromopropane (1,3)
no data	no data	no data
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Dichioroethane (1,1)	Dichloroethane (1,2)
no data	no data
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Dichloroethylene (1,2){1,2 dichloroethene}	Dichloroethylene (trans-1,2)
no data	no data
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Dichlorotoluene (3,4)	Diethanolamine {DEA}	Diethoxyethane (1,1)	Diethoxymethane
no data	no data	no data	no data
no data	no data	no data	no data
no data	no data	no data	no data
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Diethyibenzene (1,2)	Diethyibenzene (1,4)
no data	no data
no data	no data
no data	no data
no data	no data
no data	no data
no data	no data
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Diethyl (n.n) aniline {N,N-diethylbenzenamine}	Diethyl ketone {3-pentanone}
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Diethyl sulfide	Diethylamine	Diethylbenzene (1,3)	Di-isopropyl ether
no data	no data	no data	no data
no data	no data	no data	no data
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Dimethoxyethane (1.2)	Dimethyipentane (2,2)	Dimethyl butane (2,2)
no data	no data	no data
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Dimethyl butane (2,3)	Dimethyl cyclopentane (1,1)	Dimethyl formamide {n,n)
no data	no data	no data
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Dimethyl hydrazine (1,1)	Dimethyl phthalate	Dimethyl sulfide
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no data	no data	no data
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Dimethyl-2-ethylbenzene (1,3)	Dimethyl-2-ethylbenzene (1,4)	Dimethylhexane (2,4)
no data	no data	no data
no data	no data	no data
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Dimethylpentane (2,3)	Dimethylpentane (2,4)	Dimethylpentane (3,3)	Dioxane (1,4)
no data	no data	no data	no data
no data	no data	no data	no data
no data	no data	no data	no data
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Dipropyl ether {di-n-propyl ether}	DMN (2,6) {2,6-dimethyl-naphthalene}
no data	no data
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Dodecane (n-)	Epichlorohydrin {chloromethyl oxirane}	Ethane
no data	no data	no data
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Ethanol {ethyl alcohol}	Ethyipentane (3)	Ethyl acetate
no data	no data	no data
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Ethyl acrylate {ethyl ester 2-propenoic acid}	Ethyl chloride
no data	no data
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Ethyl ether {diethyl ether}	Ethylamine	Ethylbenzene	Ethylcyclohexane
no data	no data	0.002398554	no data
no data	no data	0.002327202	no data
no data	no data	0.002398554	no data
no data	no data	0.00237477	no data
no data	no data	0.003363195	no data
no data	no data	0.003329846	no data
no data	no data	0.003363195	no data
no data	no data	0.003363195	no data
no data	no data	0.003329846	no data
no data	no data	0.002398554	no data
no data	no data	0.00237477	no data
no data	no data	0.002398554	no data
no data	no data	0.001216687	no data
no data	no data	0.001409798	no data
no data	no data	0.002195047	no data
no data	no data	0.00331819	no data
no data	no data	0.004645842	no data
no data	no data	0.006182094	no data
no data	no data	0.00685122	no data
no data	no data	0.006625341	no data
no data	no data	0.005149755	no data
no data	no data	0.003420948	no data
no data	no data	0.002132811	no data
no data	no data	0.001402208	no data

Ethylcyclopentane	Ethylene	Ethylene glycol	Ethyleneoxide	Fluoranthene	Fluorobenzene
no data	no data	no data	no data	no data	no data
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Fonnic acid	Formic acid	Freon 11 {trichlorofluoromethane}	Furan
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Furfural {2-furancarboxaldehyde}	Heneicosane (n)	Heptane (n-)	Total lc Heptene (1)
no data	no data	no data	no data
no data	no data	no data	no data
no data	no data	no data	no data
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ɔss components in the "All" set (lbs)

Hexadiene (1,5)	Hexane (n-)	Hexanol (1)	Hexene (1)
no data	0.000372584	no data	no data
no data	0.0003615	no data	no data
no data	0.000372584	no data	no data
no data	0.000368889	no data	no data
no data	0.00047701	no data	no data
no data	0.00047228	no data	no data
no data	0.00047701	no data	no data
no data	0.00047701	no data	no data
no data	0.00047228	no data	no data
no data	0.000372584	no data	no data
no data	0.000368889	no data	no data
no data	0.000372584	no data	no data
no data	0.000231739	no data	no data
no data	0.000256623	no data	no data
no data	0.000360144	no data	no data
no data	0.000487415	no data	no data
no data	0.000626217	no data	no data
no data	0.00076947	no data	no data
no data	0.000832088	no data	no data
no data	0.000810748	no data	no data
no data	0.000672097	no data	no data
no data	0.000497801	no data	no data
no data	0.000348565	no data	no data
no data	0.000256393	no data	no data

Hydrogen cyanide {hydrocyanic acid}	Hydrogen fluoride	Hydrogen sulfide	Indene
no data	no data	no data	no data
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Iso-butane	isobutene {methylpropene (2)}	Isobutyl alcohol {2-methyl 1-propanol}
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no data	no data	no data
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Iso-octane {2,2,4 trimethylpentane}	Isopentane {2-methylbutane}
0	no data
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Isoprene {2-methyl 1,3-butadiene}	Isopropyl alcohol {isopropanol}
no data	no data
no data	no data
no data	no data
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Isopropyl benzene {cumene}	isopropylbenzene (1-methyl-2)	Isopropyltoluene (p-)
no data	no data	no data
no data	no data	no data
no data	no data	no data
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Lead	MDI {methylene diphenyl diisocyanate}	Mercury
no data	no data	no data
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Methacrylonitrile {2-methyl 2-propenenitrile}	Methane	Methanol {methyl alcohol}
no data	no data	no data
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no data	no data	no data
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Methyihexane (2)	Methyl acetate	Methyl acrylate {methyl ester 2-propenoic acid}
no data	no data	no data
no data	no data	no data
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no data	no data	no data
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Methyl ethyl ketone {2-butanone}	Methyl isobutyl ketone {hexone}
no data	no data
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no data	no data
no data	no data
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Methyl methacrylate	Methyl propyl ether	Methyl styrene (alpha)
no data	no data	no data
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no data	no data	no data
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Methyl-2-ethylbenzene (1)	Methylcyclohexane	Methylcyclopentane
no data	no data	no data
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Methyldichlorosilane	Methylene chloride {dichloromethane}	Methylheptane (2)
no data	no data	no data
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no data	no data	no data
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Methylheptane (3)	Methylheptane (4)	Methylhexane (2) {isoheptane}	Methylhexane (3)
no data	no data	no data	no data
no data	no data	no data	no data
no data	no data	no data	no data
no data	no data	no data	no data
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Methylnaphthalene (1-)	Methylnaphthalene (2-)	Methyloctane (4)
no data	no data	no data
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Methylpentane (2) {isohexane}	Methylpentane (3)	Monoethanolamine {MEA}	Morpholine
no data	no data	no data	no data
no data	no data	no data	no data
no data	no data	no data	no data
no data	no data	no data	no data
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no data	no data	no data	no data

MTBE {Methyl tert-butyl ether}	Naphthalene	Neopentane {dimethylpropane (2,2)}
no data	0.000289333	no data
no data	0.000280726	no data
no data	0.000289333	no data
no data	0.000286464	no data
no data	0.000451554	no data
no data	0.000447077	no data
no data	0.000451554	no data
no data	0.000451554	no data
no data	0.000447077	no data
no data	0.000289333	no data
no data	0.000286464	no data
no data	0.000289333	no data
no data	0.000115725	no data
no data	0.000141326	no data
no data	0.000248348	no data
no data	0.000427464	no data
no data	0.000662511	no data
no data	0.00096919	no data
no data	0.001106007	no data
no data	0.001059949	no data
no data	0.000763046	no data
no data	0.00044562	no data
no data	0.000242415	no data
no data	0.000139832	no data

Nickel	Nitrates {Propyl nitrate}	Nitrobenzene	Nitromethane	Nonadecane (n)
no data	no data	no data	no data	no data
no data	no data	no data	no data	no data
no data	no data	no data	no data	no data
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no data	no data	no data	no data	no data

Nonane (n-)	Octadecane (n)	Octane (n-)	Octanol (1)	Octene (1)	PACs {Chrysene}
no data	no data	no data	no data	no data	4.1515E-14
no data	no data	no data	no data	no data	4.028E-14
no data	no data	no data	no data	no data	4.1515E-14
no data	no data	no data	no data	no data	4.11033E-14
no data	no data	no data	no data	no data	1.06758E-13
no data	no data	no data	no data	no data	1.057E-13
no data	no data	no data	no data	no data	1.06758E-13
no data	no data	no data	no data	no data	1.06758E-13
no data	no data	no data	no data	no data	1.057E-13
no data	no data	no data	no data	no data	4.1515E-14
no data	no data	no data	no data	no data	4.11033E-14
no data	no data	no data	no data	no data	4.1515E-14
no data	no data	no data	no data	no data	5.68898E-15
no data	no data	no data	no data	no data	8.76598E-15
no data	no data	no data	no data	no data	2.65612E-14
no data	no data	no data	no data	no data	8.32336E-14
no data	no data	no data	no data	no data	2.08425E-13
no data	no data	no data	no data	no data	4.81056E-13
no data	no data	no data	no data	no data	6.33136E-13
no data	no data	no data	no data	no data	5.80662E-13
no data	no data	no data	no data	no data	2.88359E-13
no data	no data	no data	no data	no data	9.13937E-14
no data	no data	no data	no data	no data	2.64737E-14
no data	no data	no data	no data	no data	8.47403E-15

Pentachloroethane	Pentadiene (1,2)	Pentadiene (1,4)	Pentadiene (2,3)	Pentane (n-)
no data	no data	no data	no data	no data
no data	no data	no data	no data	no data
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no data	no data	no data	no data	no data

Pentene (1)	Pentyne (1)	Phenanthrene	Phenol	Phosgene
no data	no data	no data	no data	no data
no data	no data	no data	no data	no data
no data	no data	no data	no data	no data
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Picoline (3) {3-methyl pyridine}	Propane	Propanethiol (1)	Propanethiol (2)
no data	no data	no data	no data
no data	no data	no data	no data
no data	no data	no data	no data
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Propyl alcohol (n) {propanol (1)}	Propylamine (n) {1-propanamine}
no data	no data
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Propylbenzene (n-)	Propylcyclohexane	Propylene
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Propylene glycol (1,2) {1,2 propanediol}	Propylene oxide	Pyridine	Resorcinol
no data	no data	no data	no data
no data	no data	no data	no data
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no data	no data	no data	no data

Styrene	Tetra ethyl lead	Tetrachloroethane (1,1,1,2)	Tetrachloroethane (1,1,2,2)
no data	no data	no data	no data
no data	no data	no data	no data
no data	no data	no data	no data
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Tetrachloroethylene	Tetradecane (n-)	Tetrahydrofuran	Tetramethylbenzene (1,2,4,5)
no data	no data	no data	no data
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no data	no data	no data	no data

Toluene	Toluene diisocyanate	Trichloroethane (1,1,1)	Trichloroethane (1,1,2)
0.0196013	no data	no data	no data
0.0190182	no data	no data	no data
0.0196013	no data	no data	no data
0.01940693	no data	no data	no data
0.02642157	no data	no data	no data
0.02615958	no data	no data	no data
0.02642157	no data	no data	no data
0.02642157	no data	no data	no data
0.02615958	no data	no data	no data
0.0196013	no data	no data	no data
0.01940693	no data	no data	no data
0.0196013	no data	no data	no data
0.01087696	no data	no data	no data
0.01235232	no data	no data	no data
0.01837223	no data	no data	no data
0.02646606	no data	no data	no data
0.03570711	no data	no data	no data
0.04592439	no data	no data	no data
0.05036759	no data	no data	no data
0.04886315	no data	no data	no data
0.03903674	no data	no data	no data
0.02717467	no data	no data	no data
0.01782071	no data	no data	no data
0.01231035	no data	no data	no data

Trichloroethylene	Trichloropropane (1,2,3)	Tridecane (n-)	Triethanolamine {TEA}
no data	no data	no data	no data
no data	no data	no data	no data
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Trifluoroethane (1.1.2-trichloro-1,2,2)	Trimethylbenzene (1,2,3)
no data	no data
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no data	no data

Trimethylbenzene (1,2,4)	Trimethylbenzene (1,3,5)
0.034454783	no data
0.033429829	no data
0.034454783	no data
0.034113132	no data
0.050962726	no data
0.050457383	no data
0.050962726	no data
0.050962726	no data
0.050457383	no data
0.034454783	no data
0.034113132	no data
0.034454783	no data
0.015505486	no data
0.018450976	no data
0.030534547	no data
0.049256076	no data
0.072536557	no data
0.101148936	no data
0.113724874	no data
0.109488905	no data
0.081943356	no data
0.051063045	no data
0.029737127	no data
0.018303171	no data

Trimethylchlorosilane {chlorotrimethylsilane}	Trimethylcyclohexane (1,1,3)
no data	no data
no data	no data
no data	no data
no data	no data
no data	no data
no data	no data
no data	no data
no data	no data
no data	no data
no data	no data
no data	no data
no data	no data
no data	no data
no data	no data
no data	no data
no data	no data
no data	no data
no data	no data
no data	no data
no data	no data
no data	no data
no data	no data
no data	no data

Trimethylcyclopentane (1,1,3)	Trimethylpentane (2,2,3)	Trimethylpentane (2,3,4)
no data	no data	no data
no data	no data	no data
no data	no data	no data
no data	no data	no data
no data	no data	no data
no data	no data	no data
no data	no data	no data
no data	no data	no data
no data	no data	no data
no data	no data	no data
no data	no data	no data
no data	no data	no data
no data	no data	no data
no data	no data	no data
no data	no data	no data
no data	no data	no data
no data	no data	no data
no data	no data	no data
no data	no data	no data
no data	no data	no data
no data	no data	no data
no data	no data	no data

Trimethylpentane (2.3,3)	Undecane (n-)	Vinyl acetate {acetic acid ethenyl ester}
no data	no data	no data
no data	no data	no data
no data	no data	no data
no data	no data	no data
no data	no data	no data
no data	no data	no data
no data	no data	no data
no data	no data	no data
no data	no data	no data
no data	no data	no data
no data	no data	no data
no data	no data	no data
no data	no data	no data
no data	no data	no data
no data	no data	no data
no data	no data	no data
no data	no data	no data
no data	no data	no data
no data	no data	no data
no data	no data	no data
no data	no data	no data
no data	no data	no data

Vinylidene chloride {1,1-dichloro ethene}	Water	Xylene	Xylene (m-)	Xylene (o-)
no data	no data	0.0464722	no data	no data
no data	no data	0.0450897	no data	no data
no data	no data	0.0464722	no data	no data
no data	no data	0.0460114	no data	no data
no data	no data	0.0653444	no data	no data
no data	no data	0.0646965	no data	no data
no data	no data	0.0653444	no data	no data
no data	no data	0.0653444	no data	no data
no data	no data	0.0646965	no data	no data
no data	no data	0.0464722	no data	no data
no data	no data	0.0460114	no data	no data
no data	no data	0.0464722	no data	no data
no data	no data	0.0234442	no data	no data
no data	no data	0.027196	no data	no data
no data	no data	0.0424622	no data	no data
no data	no data	0.064399	no data	no data
no data	no data	0.0904151	no data	no data
no data	no data	0.1206422	no data	no data
no data	no data	0.1338172	no data	no data
no data	no data	0.1293703	no data	no data
no data	no data	0.1003309	no data	no data
no data	no data	0.0664128	no data	no data
no data	no data	0.0412628	no data	no data
no data	no data	0.0270465	no data	no data

Xylene (p-)	Zinc compounds	Start Date/Time	
no data	no data	1/1/2022	
no data	no data	2/1/2022	
no data	no data	3/1/2022	
no data	no data	4/1/2022	
no data	no data	5/1/2022	
no data	no data	6/1/2022	
no data	no data	7/1/2022	
no data	no data	8/1/2022	
no data	no data	9/1/2022	
no data	no data	10/1/2022	
no data	no data	11/1/2022	
no data	no data	12/1/2022	
no data	no data	1/1/2022	
no data	no data	2/1/2022	
no data	no data	3/1/2022	
no data	no data	4/1/2022	
no data	no data	5/1/2022	
no data	no data	6/1/2022	
no data	no data	7/1/2022	
no data	no data	8/1/2022	
no data	no data	9/1/2022	
no data	no data	10/1/2022	
no data	no data	11/1/2022	
no data	no data	12/1/2022	

	VOC PTE (lb/yr)
Existing UST Refuel Tank	11.23
Proposed new AST Refuel Tank	14.76

From: Moulik, Pratim
To: Wallace, William T.; Sweeley, Brian J.
Subject: RE: [EXTERNAL] IDEM OAQ Contact Information for Application No. 097-47913-00078 for MPLX Terminals LLC - Speedway Terminal
Date: Monday, June 17, 2024 1:25:00 PM
Attachments: image001.png
image002.png
image005.png
image006.png
image007.png
image008.png
image009.png
image010.png
image003.png

Hi William,

Thank you for attaching your calculations. I am a little bit confused as to which tank you want to replace. From the calculations you provided, the throughput is 230000 gallons per month for RB-8-1 before replacement. However, in the previous permit calculations, the throughput was listed as 382,200 gallons/month. Another thing is that in the permit application, you want to modify A.3(e) which is A petroleum fuel, other than gasoline.

However, RB-8-1 is listed under A.3(p)(15). Please let me know how to proceed.

With Regards,
Pratim Moulik

Pratim Moulik
Environmental Manager 2

(317) 234-6871 • PMoulik@idem.IN.gov

www.idem.IN.gov

Scan the QR code to leave your feedback.

We appreciate your input!

From: Wallace, William T. <WTWallace@marathonpetroleum.com>
Sent: Wednesday, June 5, 2024 12:33 PM
To: Moulik, Pratim <PMoulik@idem.IN.gov>; Sweeley, Brian J. <bjsweeley@marathonpetroleum.com>
Subject: RE: [EXTERNAL] IDEM OAQ Contact Information for Application No. 097-47913-00078 for MPLX Terminals LLC - Speedway Terminal

**** This is an EXTERNAL email. Exercise caution. DO NOT open attachments or click links from unknown senders or unexpected email. ****

Pratim,

Thanks for reaching out! Attached is the emissions data for this application which was calculated using the BREEZE TanksESP emissions calculation system. The first tab shows raw emissions data from RB-8-1 (existing UST) as well as from the proposed AST. Additionally, there is a summary table for VOC emissions on the second tab.

Please let me know if you require more information.

Thanks,
Will Wallace

From: Moulik, Pratim <PMoulik@idem.IN.gov>
Sent: Wednesday, June 5, 2024 11:57 AM
To: Sweeley, Brian J. <bjsweeley@marathonpetroleum.com>
Cc: Wallace, William T. <WTWallace@marathonpetroleum.com>
Subject: RE: [EXTERNAL] IDEM OAQ Contact Information for Application No. 097-47913-00078 for MPLX Terminals LLC - Speedway Terminal

Thanks for letting me know.

Pratim Moulik
Environmental Manager 2

(317) 234-6871 • PMoulik@idem.IN.gov

www.idem.IN.gov

Scan the QR code to leave your feedback.

We appreciate your input!

From: Sweeley, Brian J. <bjsweeley@marathonpetroleum.com>
Sent: Wednesday, June 5, 2024 11:51 AM
To: Moulik, Pratim <PMoulik@idem.IN.gov>
Cc: Wallace, William T. <WTWallace@marathonpetroleum.com>
Subject: RE: [EXTERNAL] IDEM OAQ Contact Information for Application No. 097-47913-00078 for MPLX Terminals LLC - Speedway Terminal

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click links from unknown senders or unexpected email. ****

Pratim,

Thanks for reaching out! Will Wallace (Marathon Environmental Engineer) is copied on this response and will provide the requested information as soon as possible. Please feel free to correspond with him directly on this project.

Sincerely,

Brian Sweeley
Environmental Manager
Air Compliance and Technical Support
Logistics & Storage
Marathon Petroleum Company LP
M: 409-370-6368
bjsweeley@marathonpetroleum.com

From: Moulik, Pratim <PMoulik@idem.IN.gov>
Sent: Wednesday, June 5, 2024 7:08 AM
To: Sweeley, Brian J. <bjsweeley@marathonpetroleum.com>
Subject: [EXTERNAL] IDEM OAQ Contact Information for Application No. 097-47913-00078 for MPLX Terminals LLC - Speedway Terminal

Dear Brian Sweeley,

I am the permit writer assigned to the current application No. 097-47913-00078 for MPLX Terminals LLC - Speedway Terminal. I would like to extend to you my contact information so that we may have continued communication until your new permit is issued. Please keep this information at hand. It is common for questions to arise, and oftentimes, further clarification is needed during the permit review process.

To expedite the review process, please e-mail me the electronic copy of your calculations (preferably in excel format) and other supporting documents used as part of your application.

IDEM, OAQ will notify you when a draft permit has been submitted for public notice and/or when a final permit has been issued. As part of the notification, IDEM, OAQ will provide information on how to access the draft and/or final permit electronically on IDEM's website. If MPLX Terminals LLC - Speedway Terminal would prefer to receive paper copies of the entire draft and/or final permit, please let me know prior to the end of the applicant review period. If you prefer to receive paper copies of the entire permit,

IDEM, OAQ will mail a paper copy of the draft permit and/or original signed final permit to the source contact. If you do not request to receive paper copies of the entire permit, IDEM, OAQ will only mail a paper copy of the original signed final permit signature page to the source contact.

Please feel free to contact me at any time if you have questions, concerns, or important information regarding your permit. For your convenience, my section chief (Josiah Balogun) may be contacted at 317-234-6871 or jbalogun@idem.IN.gov.

Thank you in advance for your time and assistance. I look forward to working with you.

Sincerely,

Pratim Moulik

Pratim Moulik
Environmental Manager 2

(317) 234-6871 • PMoulik@idem.IN.gov

www.idem.IN.gov

Scan the QR code to leave your feedback.

We appreciate your input!

From: Wallace, William T.
To: Moulik, Pratim; Sweeley, Brian J.
Subject: RE: [EXTERNAL] IDEM OAQ Contact Information for Application No. 097-47913-00078 for MPLX Terminals LLC - Speedway Terminal
Date: Tuesday, June 18, 2024 5:26:45 PM
Attachments: image001.png
image002.png
image005.png
image006.png
image007.png
image008.png
image009.png
image010.png
image003.png
image011.png

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Pratim,

Apologies for the confusion. The reason that I requested edits to A.3(e) was because I believed this subpart of the FESOP was referencing our tractor trailer refuel tank (RB-8-1). I have included the language from A.3(e) below:

A.3(e): A petroleum fuel, other than gasoline, dispensing facility, having storage capacity of less than or equal to 10,500 gallons, and dispensing less than or equal to 230,000 gallons per month.

RB-8-1 stores diesel to be dispensed to our tractor trailer fleet for refueling. This was also the reasoning for 230,000 gal/mo as the basis of PTE calculation. I did not notice that RB-8-1 was specifically referenced in A.3(p)(15).

RB-8-1 is the only tank at this facility that dispenses fuel other than gasoline and has a storage capacity less than 10,500 gal. I believe that A.3(e) and A.3(p)(15) are both referring to RB-8-1 and therefore they can be combined.

I have included language below that I believe is sufficient for the updated combination of these two insignificant activities. I believe that the throughput of 230,000 gal/mo is sufficient for this tank.

"A tank storing distillate fuel oil to be used for refueling of company owned vehicles."

Please call if you have any questions or concerns.

Thank you,

Will Wallace

Environmental Engineer

Office: 317-260-3285
Mobile: 618-553-3095
Email: wtwallace@marathonpetroleum.com

1304 Olin Ave
Indianapolis, IN 46222

From: Moulik, Pratim <PMoulik@idem.IN.gov>
Sent: Monday, June 17, 2024 1:25 PM
To: Wallace, William T. <WTWallace@marathonpetroleum.com>; Sweeley, Brian J. <bjsweeley@marathonpetroleum.com>
Subject: RE: [EXTERNAL] IDEM OAQ Contact Information for Application No. 097-47913-00078 for MPLX Terminals LLC - Speedway Terminal

Hi William,

Thank you for attaching your calculations. I am a little bit confused as to which tank you want to replace. From the calculations you provided, the throughput is 230000 gallons per month for RB-8-1 before replacement. However, in the previous permit calculations, the throughput was listed as 382,200 gallons/month. Another thing is that in the permit application, you want to modify A.3(e) which is A petroleum fuel, other than gasoline.

However, RB-8-1 is listed under A.3(p)(15). Please let me know how to proceed.

With Regards,
Pratim Moulik

Pratim Moulik
Environmental Manager 2

(317) 234-6871 • PMoulik@idem.IN.gov

www.idem.IN.gov

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We appreciate your input!

From: Wallace, William T. <WTWallace@marathonpetroleum.com>
Sent: Wednesday, June 5, 2024 12:33 PM
To: Moulik, Pratim <PMoulik@idem.IN.gov>; Sweeley, Brian J. <bjsweeley@marathonpetroleum.com>
Subject: RE: [EXTERNAL] IDEM OAQ Contact Information for Application No. 097-47913-00078 for MPLX Terminals LLC - Speedway Terminal

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Pratim,

Thanks for reaching out! Attached is the emissions data for this application which was calculated using the BREEZE TanksESP emissions calculation system. The first tab shows raw emissions data from RB-8-1 (existing UST) as well as from the proposed AST. Additionally, there is a summary table for VOC emissions on the second tab.

Please let me know if you require more information.

Thanks,
Will Wallace

From: Moulik, Pratim <PMoulik@idem.IN.gov>
Sent: Wednesday, June 5, 2024 11:57 AM
To: Sweeley, Brian J. <bjsweeley@marathonpetroleum.com>
Cc: Wallace, William T. <WTWallace@marathonpetroleum.com>
Subject: RE: [EXTERNAL] IDEM OAQ Contact Information for Application No. 097-47913-00078 for MPLX Terminals LLC - Speedway Terminal

Thanks for letting me know.

Pratim Moulik
Environmental Manager 2

(317) 234-6871 • PMoulik@idem.IN.gov

www.idem.IN.gov

Scan the QR code to leave your feedback.

We appreciate your input!

From: Sweeley, Brian J. <bjsweeley@marathonpetroleum.com>

Sent: Wednesday, June 5, 2024 11:51 AM
To: Moulik, Pratim <PMoulik@idem.IN.gov>
Cc: Wallace, William T. <WTWallace@marathonpetroleum.com>
Subject: RE: [EXTERNAL] IDEM OAQ Contact Information for Application No. 097-47913-00078 for MPLX Terminals LLC - Speedway Terminal

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Pratim,

Thanks for reaching out! Will Wallace (Marathon Environmental Engineer) is copied on this response and will provide the requested information as soon as possible. Please feel free to correspond with him directly on this project.

Sincerely,

Brian Sweeley
Environmental Manager
Air Compliance and Technical Support
Logistics & Storage
Marathon Petroleum Company LP
M: 409-370-6368
bjsweeley@marathonpetroleum.com

From: Moulik, Pratim <PMoulik@idem.IN.gov>
Sent: Wednesday, June 5, 2024 7:08 AM
To: Sweeley, Brian J. <bjsweeley@marathonpetroleum.com>
Subject: [EXTERNAL] IDEM OAQ Contact Information for Application No. 097-47913-00078 for MPLX Terminals LLC - Speedway Terminal

Dear Brian Sweeley,

I am the permit writer assigned to the current application No. 097-47913-00078 for MPLX Terminals LLC - Speedway Terminal. I would like to extend to you my contact information so that we may have continued communication until your new permit is issued. Please keep this information at hand. It is common for questions to arise, and oftentimes, further clarification is needed during the permit review process.

To expedite the review process, please e-mail me the electronic copy of your calculations (preferably in excel format) and other supporting documents used as part of your application.

IDEM, OAQ will notify you when a draft permit has been submitted for public notice and/or when a final permit has been issued. As part of the notification, IDEM, OAQ will provide information on how to access the draft and/or final permit electronically on IDEM's website. If MPLX Terminals LLC - Speedway Terminal would prefer to receive paper copies of the entire draft and/or final permit, please let me know prior to the end of the applicant review period. If you prefer to receive paper copies of the entire permit, IDEM, OAQ will mail a paper copy of the draft permit and/or original signed final permit to the source contact. If you do not request to receive paper copies of the entire permit, IDEM, OAQ will only mail a paper copy of the original signed final permit signature page to the source contact.

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Thank you in advance for your time and assistance. I look forward to working with you.

Sincerely,

Pratim Moulik

Pratim Moulik
Environmental Manager 2

(317) 234-6871 • PMoulik@idem.IN.gov

www.idem.IN.gov

Scan the QR code to leave your feedback.

We appreciate your input!

From:	Moulik, Pratim
To:	Wallace, William T.
Cc:	Sweeley, Brian J.
Subject:	Applicant Review for FESOP AA No. 097-47913-00078 for MPLX Terminals LLC - Speedway Terminal
Date:	Thursday, June 27, 2024 1:25:00 PM
Attachments:	image001.png image002.png image004.png image005.png image006.png image007.png image008.png image009.png 47913calc.xlsx 47913per.docx 47913tsd.docx 47913let.docx image010.png
Importance:	High

Dear William T. Wallace/Brian J. Sweeley:

Attached please find the draft FESOP AA and supporting documents for review. As a courtesy, this draft is being provided to you for an opportunity to review and provide comments prior to the issuance of the permit approval.

The time clock for FESOP AA permit No.: 097-47913-00078 will be stopped during your review until you either provide comments or indicate that you do not have any comments. Due to permit accountability and IDEM's intention to issue the permit in a timely manner, you are being allotted one(1) week to provide comments in writing. If you have any conflicts or special circumstances that would impede your review process during the time allotted, please notify me directly at the email address or phone number listed below as soon as possible. If you have not responded on or before July 4, 2024, IDEM will assume that you have no comments pertaining to this draft and all files will be forwarded for issuance.

During this review period, I will be available to address your concerns, answer any questions that you may have, or make necessary revisions to this draft.

Pursuant to 326 IAC 2-1.1-7, the fee for this permitting action is expected to be $0, which is based on the following:

$0	FESOP Administrative Amendment

Please note: This is not a bill. This represents the anticipated fee and is subject to change if additional review is required or the permit level changes for some reason (e.g. an additional NESHAP review is required). You will receive a final bill from the OAQ Permits Administration and Support Section.

Sincerely,
Pratim Moulik

Pratim Moulik
Environmental Manager 2

(317) 234-6871 • PMoulik@idem.IN.gov

www.idem.IN.gov

Scan the QR code to leave your feedback.

We appreciate your input!

From: Wallace, William T.
To: Moulik, Pratim
Cc: Sweeley, Brian J.
Subject: RE: [EXTERNAL] Applicant Review for FESOP AA No. 097-47913-00078 for MPLX Terminals LLC - Speedway Terminal
Date: Tuesday, July 2, 2024 2:51:12 PM
Attachments: image001.png
image002.png
image004.png
image005.png
image006.png
image007.png
image008.png
image009.png
image003.png
image011.png

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Pratim,

Thank you for this information. I only have one comment. This tank does not exhaust indoors as it is stated in the 47913TSD and 47913per documents. This tank is outdoors and exhausts outdoors.

Please send the update at your convenience.

Thank you,

Will Wallace
Environmental Engineer

Office: 317-260-3285
Mobile: 618-553-3095
Email: wtwallace@marathonpetroleum.com

1304 Olin Ave
Indianapolis, IN 46222

From: Moulik, Pratim <PMoulik@idem.IN.gov>
Sent: Thursday, June 27, 2024 1:25 PM
To: Wallace, William T. <WTWallace@marathonpetroleum.com>
Cc: Sweeley, Brian J. <bjsweeley@marathonpetroleum.com>
Subject: [EXTERNAL] Applicant Review for FESOP AA No. 097-47913-00078 for MPLX Terminals LLC - Speedway Terminal
Importance: High

Dear William T. Wallace/Brian J. Sweeley:

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Sincerely,
Pratim Moulik

Pratim Moulik
Environmental Manager 2

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Scan the QR code to leave your feedback.

We appreciate your input!

BILLING WORKSHEET
FESOP Permits
For Applications Received On and After October 1, 2019

Permit #:	097-47913-00078
Permit Reviewer:	Pratim Moulik
Application Received Date:	4-Jun-24

Instructions: Permit Reviewers will fill out yellow-highlighted cells (as necessary) and check the appropriate box or fill in the number of reviews. The total fee will be calculated at the bottom and transferred to the billing amount on the first page. Permit Reviewers will change the bottom worksheet tab color to yellow to indicate the permit billing worksheet that was filled out. PASS staff will fill out the green-highlighted cells (as necessary).

FESOP Fees			
☐		$793	FESOP Min Permit Revision (45)
☐		$793	FESOP Renewal / Min NSR (120)*
☐		$5,556	FESOP Renewal / Sig NSR (120)*
☐		$5,556	FESOP NSC (Minor PSD/EO) (120)
☐		$9,525	FESOP NSC (Major PSD/EO) (270)
☐		$5,556	FESOP SPR (Minor PSD/EO) (120)
☐		$9,525	FESOP SPR (Major PSD/EO) (270)
☐		$793	FESOP w/NSR (120)*
☐		$5,556	FESOP w/NSR (120)*
FESOP Transition Fees			
☐		$1,587	FESOP Transition from TV (no NSR)
** Bill $793 when the permit includes a modification (new or modified equipment) at MPR levels. Bill $5,556 when the permit includes a modification (new or modified equipment) at SPR levels.*			
Note: See "Transition scenarios - permits and fees" document located in SharePoint for more information on handling transition permits and associated fees.			

NSPS / NESHAP / 326 IAC 8-1-6 BACT / 326 IAC 2-4.1 MACT Review			
Number of Reviews	Total Fee	Fee	*See "NSPS-NESHAP-BACT Billing Info" document for instructions*
		$793	for each review for an applicable NSPS
		$793	for each review for an applicable NESHAP
		$952	times each 326 IAC 8-1-6 BACT and each 326 IAC 2-4.1 MACT
For each best available control technology (BACT) analysis for VOC under 326 IAC 8-1-6 and for each maximum achievable control technology (MACT) under 326 IAC 2-4.1. [326 IAC 2-1.1-7(m)(5)]			

Other Fees			
☐		$793	Interim – Any type
☐		$793	Public Hearing

PSD BACT or LAER Review			
☐		$4,762	2 to 5 Review Analyses
☐		$9,525	6 to 10 Review Analyses
☐		$15,875	11 or more Review Analyses
Fees for BACT under 326 IAC 2-2-3 or LAER under 326 IAC 2-3-3 are per pollutant and per emissions unit or group of identical emissions units for which a control technology analysis is required. [326 IAC 2-1.1-7(m)(2)]			
Air Quality Impact Study Review			
Number of Pollutants	Total Fee	Fee	
		$9,525	per pollutant if OAQ does the analysis
☐		$5,556	if applicant does the analysis (not dependent on number of pollutants)

Plantwide Applicability Limitation (PAL)		
PAL Pollutants (tons/year)	Total Fee	*Instructions: enter total allowable tons under all PALs in the permit - fee, including max fee, will calculate automatically.*
		PAL: separate fee per PAL pollutant. $63 per ton of allowable emissions Maximum Combined fee for all PAL pollutants not to exceed $63,500

$0 **Total Applicable Fee**

OAQ Permits Branch Invoice Worksheet

Instructions: Permit Reviewers will fill out yellow-highlighted cells (as necessary). Permit Reviewers will change the bottom worksheet tab color to yellow to indicate the permit billing worksheet that was filled out. PASS staff will fill out the green-highlighted cells (as necessary).

Source Name: MPLX Terminals LLC - Speedway Terminal

TEMPO AI: 11520

Permit #: 097-47913-00078

CST #:

Credit for permit fees: $

Credit Received Date:

Note: IDEM's accounting office requires that fee bills or refunds, be sent to the accounts Department at the billing address listed on application. If a courtesy copy is needed, please indicate at the bottom of this page.

Permit Reviewer please indicate applicable fees on page #2. Total will carry over to this page.

Total Due:	$	$0
Total Credit:	$	$0
Total Permitting Fees Applicable:	$	$0

Total Refund Due: $

Reason for Refund:

Adjustments to Applicable Fees: $

Explanation of adjustments:

A courtesy copy of the billing has been requested by the applicant, please send to:

Name/Title:

Address:

Permit Reviewer: Pratim Moulik

Date: 6/20/2024