

Vincent Redondo

From: PUBCOMMENT-OCC
Sent: Wednesday, October 30, 2024 5:45 PM
To: PUBCOMMENT-OCC2; PUBCOMMENT-OPIC; PUBCOMMENT-ELD; PUBCOMMENT-WQ
Subject: FW: Public comment on Permit Number WQ0005462000

Jesús Bárcena
Office of the Chief Clerk
Texas Commission on Environmental Quality
Office Phone: 512-239-3319

How is our customer service? Fill out our online customer satisfaction survey at:
www.tceq.texas.gov/customersurvey

From: katya.abazajian@gmail.com <katya.abazajian@gmail.com>
Sent: Wednesday, October 30, 2024 1:29 PM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER: 2024-1282-IWD-E

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: Katya Abazajian

EMAIL: katya.abazajian@gmail.com

COMPANY: Civic Source LLC

ADDRESS: 1528 MARYLAND ST
HOUSTON TX 77006-1872

PHONE: 8326225879

FAX:

COMMENTS: I am a data justice expert concerned with keeping contamination out of the Gulf coast's waterways and am writing to demand that if this permit is approved that the agreement with TCEQ involve regular, timely, and accessible data reporting about the amount of waste disposed of in the South Bay, and that TCEQ make a commitment to revoke this permit if data shows that levels are above specific amounts as determined by the community. There has been a severe lack of transparency around these permits including that public comment processes are difficult to access and are not made available to people in different languages. TCEQ needs to commit to higher levels of transparency and accountability when outside actors come in to profit off of gulf coast land resources.

41

TCEQ Registration Form

October 17, 2024

Space Exploration Technologies Corp.
Proposed TPDES Permit No. WQ0005462000

Aguilar

PLEASE PRINT

Name: Juan F. Aguilar

Mailing Address: _____

Physical Address (if different): 1474 Carlisle St

City/State: Brownsville Zip: 78521

This information is subject to public disclosure under the Texas Public Information Act

Email: Frank147422@gmail.com

Phone Number: (956) 204-7266

- Are you here today representing a municipality, legislator, agency, or group? ☐ Yes ☒ No

If yes, which one? _____

☐ Please add me to the mailing list.

☒ I wish to provide formal *ORAL COMMENTS* at tonight's public meeting.

☐ I wish to provide formal *WRITTEN COMMENTS* at tonight's public meeting.

(Written comments may be submitted at any time during the meeting)

Please give this form to the person at the information table. Thank you.

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Wednesday, October 16, 2024 5:24 PM
To: PUBCOMMENT-OCC2; PUBCOMMENT-OPIC; PUBCOMMENT-ELD; PUBCOMMENT-WQ
Subject: FW: Public comment on Permit Number WQ0005462000

Jesús Bárcena
Office of the Chief Clerk
Texas Commission on Environmental Quality
Office Phone: 512-239-3319

How is our customer service? Fill out our online customer satisfaction survey at:
www.tceq.texas.gov/customersurvey

From: leslieaaguilar328@gmail.com <leslieaaguilar328@gmail.com>
Sent: Wednesday, October 16, 2024 12:47 AM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER:

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: Leslie Aguilar

EMAIL: leslieaaguilar328@gmail.com

COMPANY:

ADDRESS: 1901 MARTHA ST
HARLINGEN TX 78550-2737

PHONE: 9568732904

FAX:

COMMENTS: I am opposed to the issuance of the following permits for SpaceX LLC: WQ0005462000 The SpaceX launch pad and Starbase facility emit unacceptable levels of pollutants that threaten Brownsville and Rio Grande Valley residents' health and well-being. Water pollutants also damage the sensitive wetland, salt marsh, and mudflat ecosystems of South Bay, Lower Rio Grande Valley Wildlife Refuge, and Boca Chica Beach, home to numerous endangered and threatened species, especially migratory birds. As a member of the surrounding community, I am directly impacted by SpaceX's wastewater pollution and activities. I request that TCEQ provide sufficient Spanish language interpretation and translation services at the hearing on October 17 to ensure that all participants' questions are answered. In addition, TCEQ and SpaceX staff must consult with the Carrizo/Comecrudo Tribe of Texas, the original Native people of this region, about this permit application and all SpaceX activities at the Boca Chica Beach site.

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Wednesday, October 16, 2024 2:50 PM
To: PUBCOMMENT-WQ; PUBCOMMENT-ELD; PUBCOMMENT-OCC2; PUBCOMMENT-OPIC
Subject: FW: Public comment on Permit Number WQ0005462000

From: leslieaaguilar328@gmail.com <leslieaaguilar328@gmail.com>
Sent: Tuesday, October 15, 2024 8:52 PM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER:

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: Leslie Aguilar

EMAIL: leslieaaguilar328@gmail.com

COMPANY:

ADDRESS: 1901 MARTHA ST
HARLINGEN TX 78550-2737

PHONE: 9568732904

FAX:

COMMENTS: I am opposed to the issuance of the following permits for SpaceX LLC: WQ0005462000 The SpaceX launch pad and Starbase facility emit unacceptable levels of pollutants that threaten Brownsville and Rio Grande Valley residents' health and well-being. Water pollutants also damage the sensitive wetland, salt marsh, and mudflat ecosystems of South Bay, Lower Rio Grande Valley Wildlife Refuge, and Boca Chica Beach, home to numerous endangered and threatened species, especially migratory

birds. As a member of the surrounding community, I am directly impacted by SpaceX's wastewater pollution and activities. I request that TCEQ provide sufficient Spanish language interpretation and translation services at the hearing on October 17 to ensure that all participants' questions are answered. In addition, TCEQ and SpaceX staff must consult with the Carrizo/Comecrudo Tribe of Texas, the original Native people of this region, about this permit application and all SpaceX activities at the Boca Chica Beach site.

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Monday, October 21, 2024 11:20 AM
To: PUBCOMMENT-WQ; PUBCOMMENT-ELD; PUBCOMMENT-OCC2; PUBCOMMENT-OPIC
Subject: FW: Public comment on Permit Number WQ0005462000

From: yira.aldape@gmail.com <yira.aldape@gmail.com>
Sent: Thursday, October 17, 2024 2:07 PM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER:

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: Yira Aldape

EMAIL: yira.aldape@gmail.com

COMPANY:

ADDRESS: 3201 E MILE 13 1/2 N
MERCEDDES TX 78570-5939

PHONE: 9562617731

FAX:

COMMENTS: I am opposed to the issuance of the following permits for SpaceX LLC: WQ0005462000 The SpaceX launch pad and Starbase facility emit unacceptable levels of pollutants that threaten Brownsville and Rio Grande Valley residents' health and well-being. Water pollutants also damage the sensitive wetland, salt marsh, and mudflat ecosystems of South Bay, Lower Rio Grande Valley Wildlife Refuge, and Boca Chica Beach, home to numerous endangered and threatened species, especially migratory

birds. As a member of the surrounding community, I am directly impacted by SpaceX's wastewater pollution and activities. I request that TCEQ provide sufficient Spanish language interpretation and translation services at the hearing on October 17 to ensure that all participants' questions are answered. In addition, TCEQ and SpaceX staff must consult with the Carrizo/Comecrudo Tribe of Texas, the original Native people of this region, about this permit application and all SpaceX activities at the Boca Chica Beach site.

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Monday, October 21, 2024 11:20 AM
To: PUBCOMMENT-WQ; PUBCOMMENT-ELD; PUBCOMMENT-OCC2; PUBCOMMENT-OPIC
Subject: FW: Public comment on Permit Number WQ0005462000

From: yira.aldape@gmail.com <yira.aldape@gmail.com>
Sent: Thursday, October 17, 2024 2:07 PM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER: 2024-1282-IWD-E

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: Yira Aldape

EMAIL: yira.aldape@gmail.com

COMPANY:

ADDRESS: 3201 E MILE 13 1/2 N
MERCEDDES TX 78570-5939

PHONE: 9562617731

FAX:

COMMENTS: I am opposed to the issuance of the following permits for SpaceX LLC: WQ0005462000 The SpaceX launch pad and Starbase facility emit unacceptable levels of pollutants that threaten Brownsville and Rio Grande Valley residents' health and well-being. Water pollutants also damage the sensitive wetland, salt marsh, and mudflat ecosystems of South Bay, Lower Rio Grande Valley Wildlife Refuge, and Boca Chica Beach, home to numerous endangered and threatened species, especially migratory

birds. As a member of the surrounding community, I am directly impacted by SpaceX's wastewater pollution and activities. I request that TCEQ provide sufficient Spanish language interpretation and translation services at the hearing on October 17 to ensure that all participants' questions are answered. In addition, TCEQ and SpaceX staff must consult with the Carrizo/Comecrudo Tribe of Texas, the original Native people of this region, about this permit application and all SpaceX activities at the Boca Chica Beach site.

TCEQ Registration Form

October 17, 2024

Space Exploration Technologies Corp.
Proposed TPDES Permit No. WQ0005462000

PLEASE PRINT

Name: Karina N. Alegre

Mailing Address: 584 Platanos

Physical Address (if different): _____

City/State: Brownsville, Texas Zip: 78521

This information is subject to public disclosure under the Texas Public Information Act

Email: Kainagimz@gmail.com

Phone Number: (956) 640-1570

- Are you here today representing a municipality, legislator, agency, or group? ☐ Yes ☒ No

If yes, which one? _____

☒ Please add me to the mailing list.

☒ I wish to provide formal *ORAL COMMENTS* at tonight's public meeting.

☒ I wish to provide formal *WRITTEN COMMENTS* at tonight's public meeting.

(Written comments may be submitted at any time during the meeting)

Please give this form to the person at the information table. Thank you.

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Monday, October 21, 2024 10:13 AM
To: PUBCOMMENT-WQ; PUBCOMMENT-ELD; PUBCOMMENT-OCC2; PUBCOMMENT-OPIC
Subject: FW: Public comment on Permit Number WQ0005462000

From: karinagrimz@gmail.com <karinagrimz@gmail.com>
Sent: Thursday, October 17, 2024 1:04 PM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER: 2024-1282-IWD-E

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: Karina N. Alegre

EMAIL: karinagrimz@gmail.com

COMPANY:

ADDRESS: 584 PLATANO
BROWNSVILLE TX 78521-7791

PHONE: 9566401570

FAX:

COMMENTS: I am opposed to the issuance of the following permits for SpaceX LLC: WQ0005462000 The SpaceX launch pad and Starbase facility emit unacceptable levels of pollutants that threaten Brownsville and Rio Grande Valley residents' health and well-being. Water pollutants also damage the sensitive wetland, salt marsh, and mudflat ecosystems of South Bay, Lower Rio Grande Valley Wildlife Refuge, and Boca Chica Beach, home to numerous endangered and threatened species, especially migratory

birds. As a member of the surrounding community, I am directly impacted by SpaceX's wastewater pollution and activities. I request that TCEQ provide sufficient Spanish language interpretation and translation services at the hearing on October 17 to ensure that all participants' questions are answered. In addition, TCEQ and SpaceX staff must consult with the Carrizo/Comecrudo Tribe of Texas, the original Native people of this region, about this permit application and all SpaceX activities at the Boca Chica Beach site.

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Monday, October 21, 2024 10:13 AM
To: PUBCOMMENT-WQ; PUBCOMMENT-ELD; PUBCOMMENT-OCC2; PUBCOMMENT-OPIC
Subject: FW: Public comment on Permit Number WQ0005462000

From: karinagrimz@gmail.com <karinagrimz@gmail.com>
Sent: Thursday, October 17, 2024 1:02 PM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER:

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: Karina N. Alegre

EMAIL: karinagrimz@gmail.com

COMPANY:

ADDRESS: 584 PLATANO
BROWNSVILLE TX 78521-7791

PHONE: 9566401570

FAX:

COMMENTS: I am opposed to the issuance of the following permits for SpaceX LLC: WQ0005462000 The SpaceX launch pad and Starbase facility emit unacceptable levels of pollutants that threaten Brownsville and Rio Grande Valley residents' health and well-being. Water pollutants also damage the sensitive wetland, salt marsh, and mudflat ecosystems of South Bay, Lower Rio Grande Valley Wildlife Refuge, and Boca Chica Beach, home to numerous endangered and threatened species, especially migratory

birds. As a member of the surrounding community, I am directly impacted by SpaceX's wastewater pollution and activities. I request that TCEQ provide sufficient Spanish language interpretation and translation services at the hearing on October 17 to ensure that all participants' questions are answered. In addition, TCEQ and SpaceX staff must consult with the Carrizo/Comecrudo Tribe of Texas, the original Native people of this region, about this permit application and all SpaceX activities at the Boca Chica Beach site.

37

TCEQ Registration Form

October 17, 2024

Space Exploration Technologies Corp.
Proposed TPDES Permit No. WQ0005462000

PLEASE PRINT

Name: Juan Pablo Alvarado

Mailing Address: 1032 Denner Rd Brownsville, Tx 78526

Physical Address (if different): _____

City/State: Brownsville, Tx Zip: 78526

This information is subject to public disclosure under the Texas Public Information Act

Email: jp.alvarado1013@gmail.com

Phone Number: (956) 203-7868

- Are you here today representing a municipality, legislator, agency, or group? ☐ Yes ☒ No

If yes, which one? _____

☒ Please add me to the mailing list.

☒ I wish to provide formal *ORAL COMMENTS* at tonight's public meeting.

☐ I wish to provide formal *WRITTEN COMMENTS* at tonight's public meeting.

(Written comments may be submitted at any time during the meeting)

Please give this form to the person at the information table. Thank you.

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Monday, October 21, 2024 11:54 AM
To: PUBCOMMENT-WQ; PUBCOMMENT-ELD; PUBCOMMENT-OCC2; PUBCOMMENT-OPIC
Subject: FW: Public comment on Permit Number WQ0005462000

From: jp.alvarado1013@gmail.com <jp.alvarado1013@gmail.com>
Sent: Thursday, October 17, 2024 6:53 PM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER: 2024-1282-IWD-E

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: Juan Pablo Alvarado

EMAIL: jp.alvarado1013@gmail.com

COMPANY:

ADDRESS: 1032 DENNET RD
BROWNSVILLE TX 78526-4321

PHONE: 9562037868

FAX:

COMMENTS: I was born and raised in Brownsville and continue to live here. As a Civil and Environmental Engineer from Princeton University who has worked extensively on environmental justice, I've seen firsthand the impact that poor environmental practices can have on vulnerable communities like ours. SpaceX's repeated violations of the Clean Water Act and environmental regulations are deeply concerning. Discharging pollutants into bodies of water without proper authorization threatens the

ecological health of Boca Chica and the well-being of the surrounding communities. The Texas Commission on Environmental Quality (TCEQ) and the Environmental Protection Agency (EPA) have both found that SpaceX has violated key environmental regulations, discharging wastewater into our waters without the proper permits. These violations have been ongoing, and the long-term environmental impact could be severe, particularly on our local ecosystems and wildlife, which are already under pressure from climate change and industrial activities. It's important to recognize that this issue is not only about environmental damage but also about environmental justice. Elon Musk and SpaceX have exploited the Rio Grande Valley, treating it as a sacrifice zone for profit under the guise of innovation. Our community deserves better. We should not have to bear the brunt of the environmental degradation caused by a corporation that is not held accountable. We've already seen the destruction of critical wildlife habitats, and we cannot allow this pattern to continue unchecked. Boca Chica is not just a launchpad—it's a home to many endangered species, as well as a gateway to critical coastal resources. The introduction of pollutants such as mercury and other harmful chemicals poses a serious risk to marine life, local wildlife, and the health of residents in surrounding communities like Brownsville. The wastewater deluge system that SpaceX has installed, without the required permits, has already caused significant environmental damage, including fires, debris dispersal, and contamination of fragile ecosystems. I urge TCEQ to carefully consider the potential dangers and enforce stricter compliance with state and federal environmental laws. If TCEQ is to consider granting SpaceX any permits, stringent conditions must be enforced. These should include: Frequent and regular third-party water quality testing to ensure compliance with environmental standards. Detailed records of discharge sites, volumes, and rates for complete transparency. Enforcement of accountability measures: if any environmental degradation occurs, SpaceX must be held responsible through fines, and further permits should be denied. This is not just about protecting our environment but about protecting our community from becoming another sacrifice zone. I urge TCEQ to prioritize the health and future of the Rio Grande Valley over corporate interests and ensure that SpaceX operates responsibly and transparently.

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Monday, October 21, 2024 11:54 AM
To: PUBCOMMENT-WQ; PUBCOMMENT-ELD; PUBCOMMENT-OCC2; PUBCOMMENT-OPIC
Subject: FW: Public comment on Permit Number WQ0005462000

From: jp.alvarado1013@gmail.com <jp.alvarado1013@gmail.com>
Sent: Thursday, October 17, 2024 6:52 PM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER:

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: Juan Pablo Alvarado

EMAIL: jp.alvarado1013@gmail.com

COMPANY:

ADDRESS: 1032 DENNET RD
BROWNSVILLE TX 78526-4321

PHONE: 9562037868

FAX:

COMMENTS: I was born and raised in Brownsville and continue to live here. As a Civil and Environmental Engineer from Princeton University who has worked extensively on environmental justice, I've seen firsthand the impact that poor environmental practices can have on vulnerable communities like ours. SpaceX's repeated violations of the Clean Water Act and environmental regulations are deeply concerning. Discharging pollutants into bodies of water without proper authorization threatens the

ecological health of Boca Chica and the well-being of the surrounding communities. The Texas Commission on Environmental Quality (TCEQ) and the Environmental Protection Agency (EPA) have both found that SpaceX has violated key environmental regulations, discharging wastewater into our waters without the proper permits. These violations have been ongoing, and the long-term environmental impact could be severe, particularly on our local ecosystems and wildlife, which are already under pressure from climate change and industrial activities. It's important to recognize that this issue is not only about environmental damage but also about environmental justice. Elon Musk and SpaceX have exploited the Rio Grande Valley, treating it as a sacrifice zone for profit under the guise of innovation. Our community deserves better. We should not have to bear the brunt of the environmental degradation caused by a corporation that is not held accountable. We've already seen the destruction of critical wildlife habitats, and we cannot allow this pattern to continue unchecked. Boca Chica is not just a launchpad—it's a home to many endangered species, as well as a gateway to critical coastal resources. The introduction of pollutants such as mercury and other harmful chemicals poses a serious risk to marine life, local wildlife, and the health of residents in surrounding communities like Brownsville. The wastewater deluge system that SpaceX has installed, without the required permits, has already caused significant environmental damage, including fires, debris dispersal, and contamination of fragile ecosystems. I urge TCEQ to carefully consider the potential dangers and enforce stricter compliance with state and federal environmental laws. If TCEQ is to consider granting SpaceX any permits, stringent conditions must be enforced. These should include: Frequent and regular third-party water quality testing to ensure compliance with environmental standards. Detailed records of discharge sites, volumes, and rates for complete transparency. Enforcement of accountability measures: if any environmental degradation occurs, SpaceX must be held responsible through fines, and further permits should be denied. This is not just about protecting our environment but about protecting our community from becoming another sacrifice zone. I urge TCEQ to prioritize the health and future of the Rio Grande Valley over corporate interests and ensure that SpaceX operates responsibly and transparently.

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Monday, August 5, 2024 4:43 PM
To: PUBCOMMENT-WQ; PUBCOMMENT-ELD; PUBCOMMENT-OCC2; PUBCOMMENT-OPIC
Subject: FW: Public comment on Permit Number WQ0005462000
Attachments: 24-08-002_(a)_EMD_Letter to TCEQ - Space X discharge permit launch pad1.pdf

From: elizabeth.verdecchia@ibwc.gov <elizabeth.verdecchia@ibwc.gov>
Sent: Friday, August 2, 2024 2:40 PM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER:

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: Elizabeth Verdecchia

EMAIL: elizabeth.verdecchia@ibwc.gov

COMPANY: USIBWC

ADDRESS: 4191 N MESA ST
EL PASO TX 79902-1423

PHONE: 9158324701

FAX:

COMMENTS: see attached pdf



OFFICE OF THE COMMISSIONER
UNITED STATES SECTION

INTERNATIONAL BOUNDARY AND WATER COMMISSION
UNITED STATES AND MEXICO

August 2, 2024

Texas Commission on Environmental Quality
Office of the Chief Clerk, MC-105
P.O. Box 13087
Austin, Texas 78711-3087

RE: Designation of NEPA officials

To the Office of the Chief Clerk:

The U.S. Section of the International Boundary and Water Commission (USIBWC) has reviewed the notice of application for the request from Space Exploration Technologies Corps (Space X) to the Texas Commission on Environmental Quality (TCEQ) to obtain a Texas Pollutant Discharge Elimination System (TPDES) Permit No. WQ0005462000 (EPA ID No. TX0146251) which would authorize the discharge of industrial wastewater from the Starbase Launch Pad Site into the Rio Grande tidal marshes and eventually into the Rio Grande Tidal Segment 2301 south of Brownsville, Cameron County Texas. The discharge is anticipated to have nutrients, metals, and salts. The USIBWC has the following comments on this action:

1. The USIBWC has forwarded the notice to the Mexican Section of the International Boundary and Water Commission. We request that TCEQ provides Mexico with time to review and comment on this action that could impact the water quality of the international tidal area of the Rio Grande.
2. The discharge area is within designated critical habitat for piping plover. TCEQ should coordinate with U.S. Fish and Wildlife Service prior to issuing a permit.
3. The discharge area could also impact water quality and subsequently listed species in the Gulf of Mexico, which is designated as critical habitat for loggerhead sea turtle and proposed critical habitat for green sea turtle. TCEQ should coordinate with National Marine Fisheries Service prior to issuing a permit.
4. Rio Grande Tidal Segment 2301 has been listed in the Texas Integrated Report as a water body with concerns for use attainment and screening levels for bacteria in water, chlorophyll-a in water, depressed dissolved oxygen in water, and nitrate in water.
5. The application states that pretreatment is required, but the application is not clear on pretreatment methods to chelate the metals before discharge.

If you have any questions, please feel free to contact Elizabeth Verdecchia, Natural Resources Specialist, at (915) 832-4701 or elizabeth.verdecchia@ibwc.gov.

Sincerely,

Gilbert G. Anaya, Ph.D.

Division Chief

Environmental Management Division

39

TCEQ Registration Form

October 17, 2024

Space Exploration Technologies Corp.
Proposed TPDES Permit No. WQ0005462000

PLEASE PRINT

Name: Louis Ara

Mailing Address: louis.ara.01@gmail.com / 8570 Old
Military Rd.

Physical Address (if different): _____

City/State: _____ Zip: _____

This information is subject to public disclosure under the Texas Public Information Act

Email: _____

Phone Number: () _____

- Are you here today representing a municipality, legislator, agency, or group? ☐ Yes ☒ No

If yes, which one? _____

☐ Please add me to the mailing list.

☒ I wish to provide formal *ORAL COMMENTS* at tonight's public meeting.

☐ I wish to provide formal *WRITTEN COMMENTS* at tonight's public meeting.

(Written comments may be submitted at any time during the meeting)

Please give this form to the person at the information table. Thank you.

RECEIVED

OCT 17 2024

AT PUBLIC MEETING

Inspire: Educate
Develop values
Apply Knowledge / values

- Space X uses 180,000 g of potable water from BPUB
- BPUB monitors drought level from water levels @ Falcon Lake / Lake Amistad
- Today levels are on avg 20.3% full / Stage 2 drought

★ how will space x take accountability for the water used from BPUB

★ Why can't Space x use salt water?

★ Why can't Space x build upward to not use any water to divert flames?

★ How will Space x and TCEQ help me educate our community

★ Will Space x continue to launch using potable water w/o an official permit?

★ Will there be alternative partner besides Space x / TCEQ to test environment impact before / after each launch?

IF so, who will test, where when public will they test.

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Tuesday, October 15, 2024 5:03 PM
To: PUBCOMMENT-OCC2; PUBCOMMENT-OPIC; PUBCOMMENT-ELD; PUBCOMMENT-WQ
Subject: FW: Public comment on Permit Number WQ0005462000

Jesús Bárcena
Office of the Chief Clerk
Texas Commission on Environmental Quality
Office Phone: 512-239-3319

How is our customer service? Fill out our online customer satisfaction survey at:
www.tceq.texas.gov/customersurvey

From: aj.baginski@utrgv.edu <aj.baginski@utrgv.edu>
Sent: Tuesday, October 15, 2024 2:55 PM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER:

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: DR. AJ Baginski

EMAIL: aj.baginski@utrgv.edu

COMPANY: University of Texas, Rio Grande Valley

ADDRESS: 314 N 7TH ST
MCALLEN TX 78501-2602

PHONE: 7142874839

FAX:

COMMENTS: I am opposed to the issuance of the following permits for SpaceX LLC: WQ0005462000 The SpaceX launch pad and Starbase facility emit unacceptable levels of pollutants that threaten Brownsville and Rio Grande Valley residents' health and well-being. Water pollutants also damage the sensitive wetland, salt marsh, and mudflat ecosystems of South Bay, Lower Rio Grande Valley Wildlife Refuge, and Boca Chica Beach, home to numerous endangered and threatened species, especially migratory birds. As a member of the surrounding community, I am directly impacted by SpaceX's wastewater pollution and activities. As a Professor at the University of Texas, Rio Grande Valley I personally spend much rewarding personal and educational time at Boca Chica Beach. Many of my students and their families spend time at this beach, using it as a source of recreation, and it is one of their most beloved local natural environments. Many local cultural organizations host educational and artistic events at this site. SpaceX's application for a permit indicates that the surrounding area is predominantly white. How did they come up with this information? The Beach and surrounding communities that have been affected by SpaceX launches (disruptive noise and debris rained from launch failures) are predominantly Hispanic. This is an environmental justice community that is in danger of being used as a sacrifice zone for companies like SpaceX which, along with the proposed LNG pipelines, threaten to dump contaminated and heated water as well as chemicals onto the area around the beach and into the Laguna Atascosa National Wildlife Refuge, which has already been negatively impacted by drought. I request that TCEQ provide sufficient Spanish language interpretation and translation services at the hearing on October 17 to ensure that all participants' questions are answered. In addition, TCEQ and SpaceX staff must consult with the Carrizo/Comecrudo Tribe of Texas, the original Native people of this region, about this permit application and all SpaceX activities at the Boca Chica Beach site.

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Tuesday, October 15, 2024 5:02 PM
To: PUBCOMMENT-OCC2; PUBCOMMENT-OPIC; PUBCOMMENT-ELD; PUBCOMMENT-WQ
Subject: FW: Public comment on Permit Number WQ0005462000

Jesús Bárcena
Office of the Chief Clerk
Texas Commission on Environmental Quality
Office Phone: 512-239-3319

How is our customer service? Fill out our online customer satisfaction survey at:
www.tceq.texas.gov/customersurvey

From: aj.baginski@utrgv.edu <aj.baginski@utrgv.edu>
Sent: Tuesday, October 15, 2024 2:55 PM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER: 2024-1282-IWD-E

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: DR. AJ Baginski

EMAIL: aj.baginski@utrgv.edu

COMPANY: University of Texas, Rio Grande Valley

ADDRESS: 314 N 7TH ST
MCALLEN TX 78501-2602

PHONE: 7142874839

FAX:

COMMENTS: I am opposed to the issuance of the following permits for SpaceX LLC: WQ0005462000 The SpaceX launch pad and Starbase facility emit unacceptable levels of pollutants that threaten Brownsville and Rio Grande Valley residents' health and well-being. Water pollutants also damage the sensitive wetland, salt marsh, and mudflat ecosystems of South Bay, Lower Rio Grande Valley Wildlife Refuge, and Boca Chica Beach, home to numerous endangered and threatened species, especially migratory birds. As a member of the surrounding community, I am directly impacted by SpaceX's wastewater pollution and activities. As a Professor at the University of Texas, Rio Grande Valley I personally spend much rewarding personal and educational time at Boca Chica Beach. Many of my students and their families spend time at this beach, using it as a source of recreation, and it is one of their most beloved local natural environments. Many local cultural organizations host educational and artistic events at this site. SpaceX's application for a permit indicates that the surrounding area is predominantly white. How did they come up with this information? The Beach and surrounding communities that have been affected by SpaceX launches (disruptive noise and debris rained from launch failures) are predominantly Hispanic. This is an environmental justice community that is in danger of being used as a sacrifice zone for companies like SpaceX which, along with the proposed LNG pipelines, threaten to dump contaminated and heated water as well as chemicals onto the area around the beach and into the Laguna Atascosa National Wildlife Refuge, which has already been negatively impacted by drought. I request that TCEQ provide sufficient Spanish language interpretation and translation services at the hearing on October 17 to ensure that all participants' questions are answered. In addition, TCEQ and SpaceX staff must consult with the Carrizo/Comecrudo Tribe of Texas, the original Native people of this region, about this permit application and all SpaceX activities at the Boca Chica Beach site.

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Friday, October 11, 2024 2:28 PM
To: PUBCOMMENT-OCC2; PUBCOMMENT-OPIC; PUBCOMMENT-ELD; PUBCOMMENT-WQ
Subject: FW: Public comment on Permit Number WQ0005462000

Jesús Bárcena
Office of the Chief Clerk
Texas Commission on Environmental Quality
Office Phone: 512-239-3319

How is our customer service? Fill out our online customer satisfaction survey at:
www.tceq.texas.gov/customersurvey

From: aj.baginski@utrgv.edu <aj.baginski@utrgv.edu>
Sent: Thursday, October 10, 2024 7:32 PM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER: 2024-1282-IWD-E

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: DR. Anastasia Baginski

EMAIL: aj.baginski@utrgv.edu

COMPANY: University of Texas, Rio Grande Valley

ADDRESS: 314 N 7TH ST
MCALLEN TX 78501-2602

PHONE: 7142874839

FAX:

COMMENTS: I am a professor of Mexican American Studies and Environmental Studies at the University of Texas, Rio Grande Valley. Myself, my family, my students, their families, and many cultural organizations use Boca Chica beach and the Laguna Atascosa wilderness as important recreation spaces. For some reason, the SpaceX application describes the surrounding area as predominantly white, but this is not true. Cameron County and the RGV are predominantly Mexican American communities with high levels of health issues like diabetes and high levels of poverty. The community affected by this proposed pollution is an environmental justice community. Why does SpaceX in the application describe the community as 96% white? I am opposed to the issuance of the following permits for SpaceX LLC: WQ0005462000 The SpaceX launch pad and Starbase facility emit unacceptable levels of pollutants that threaten Brownsville and Rio Grande Valley residents' health and well-being. Water pollutants also damage the sensitive wetland, salt marsh, and mudflat ecosystems of South Bay, Lower Rio Grande Valley Wildlife Refuge, and Boca Chica Beach, home to numerous endangered and threatened species, especially migratory birds. As a member of the surrounding community, I am directly impacted by SpaceX's wastewater pollution and activities. I request that TCEQ provide sufficient Spanish language interpretation and translation services at the hearing on October 17 to ensure that all participants' questions are answered. In addition, TCEQ and SpaceX staff must consult with the Carrizo/Comecrudo Tribe of Texas, the original Native people of this region, about this permit application and all SpaceX activities at the Boca Chica Beach site.

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Friday, October 11, 2024 2:28 PM
To: PUBCOMMENT-OCC2; PUBCOMMENT-OPIC; PUBCOMMENT-ELD; PUBCOMMENT-WQ
Subject: FW: Public comment on Permit Number WQ0005462000

Jesús Bárcena
Office of the Chief Clerk
Texas Commission on Environmental Quality
Office Phone: 512-239-3319

How is our customer service? Fill out our online customer satisfaction survey at:
www.tceq.texas.gov/customersurvey

From: aj.baginski@utrgv.edu <aj.baginski@utrgv.edu>
Sent: Thursday, October 10, 2024 7:30 PM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER:

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: DR. Anastasia P Baginski

EMAIL: aj.baginski@utrgv.edu

COMPANY: University of Texas, Rio Grande Valley

ADDRESS: 314 N 7TH ST
MCALLEN TX 78501-2602

PHONE: 7142874839

FAX:

COMMENTS: I am a professor of Mexican American Studies and Environmental Studies at the University of Texas, Rio Grande Valley. Myself, my family, my students, their families, and many cultural organizations use Boca Chica beach and the Laguna Atascosa wilderness as important recreation spaces. For some reason, the SpaceX application describes the surrounding area as predominantly white, but this is not true. Cameron County and the RGV are predominantly Mexican American communities with high levels of health issues like diabetes and high levels of poverty. The community affected by this proposed pollution is an environmental justice community. I am opposed to the issuance of the following permits for SpaceX LLC: WQ0005462000 The SpaceX launch pad and Starbase facility emit unacceptable levels of pollutants that threaten Brownsville and Rio Grande Valley residents' health and well-being. Water pollutants also damage the sensitive wetland, salt marsh, and mudflat ecosystems of South Bay, Lower Rio Grande Valley Wildlife Refuge, and Boca Chica Beach, home to numerous endangered and threatened species, especially migratory birds. As a member of the surrounding community, I am directly impacted by SpaceX's wastewater pollution and activities. I request that TCEQ provide sufficient Spanish language interpretation and translation services at the hearing on October 17 to ensure that all participants' questions are answered. In addition, TCEQ and SpaceX staff must consult with the Carrizo/Comecrudo Tribe of Texas, the original Native people of this region, about this permit application and all SpaceX activities at the Boca Chica Beach site.

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Monday, October 21, 2024 6:19 PM
To: PUBCOMMENT-OCC2; PUBCOMMENT-OPIC; PUBCOMMENT-ELD; PUBCOMMENT-WQ
Subject: FW: Public comment on Permit Number WQ0005462000

Jesús Bárcena
Office of the Chief Clerk
Texas Commission on Environmental Quality
Office Phone: 512-239-3319

How is our customer service? Fill out our online customer satisfaction survey at:
www.tceq.texas.gov/customersurvey

From: Ashlynballard002@gmail.com <Ashlynballard002@gmail.com>
Sent: Monday, October 21, 2024 8:13 AM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER:

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: Ashlyn Ballard

EMAIL: Ashlynballard002@gmail.com

COMPANY:

ADDRESS: 922 PARK MEADOW DR
KATY TX 77450-4016

PHONE: 2817464046

FAX:

COMMENTS: What kind of a question is it when you ask "should we dump this treated waste water into Texas waters"? The answer will always be Hell no. Protect Texas before you protect billionaires, especially Elon Musk. Prioritize the people of Texas, the environment and the natural resources that we have above all else. Do not dump the waste water into Texas waters. I do not support this as a lifelong Texan.

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Friday, October 11, 2024 2:27 PM
To: PUBCOMMENT-OCC2; PUBCOMMENT-OPIC; PUBCOMMENT-ELD; PUBCOMMENT-WQ
Subject: FW: Public comment on Permit Number WQ0005462000

Jesús Bárcena
Office of the Chief Clerk
Texas Commission on Environmental Quality
Office Phone: 512-239-3319

How is our customer service? Fill out our online customer satisfaction survey at:
www.tceq.texas.gov/customersurvey

From: coralbell08@yahoo.com <coralbell08@yahoo.com>
Sent: Thursday, October 10, 2024 5:30 PM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER: 2024-1282-IWD-E

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: Coral Bell

EMAIL: coralbell08@yahoo.com

COMPANY:

ADDRESS: 320 BALBOA RD
RANCHO VIEJO TX 78575-9651

PHONE: 9568214176

FAX:

COMMENTS: I am opposed to the issuance of the following permits for SpaceX LLC: WQ0005462000 The SpaceX launch pad and Starbase facility emit unacceptable levels of pollutants that threaten Brownsville and Rio Grande Valley residents' health and well-being. Water pollutants also damage the sensitive wetland, salt marsh, and mudflat ecosystems of South Bay, Lower Rio Grande Valley Wildlife Refuge, and Boca Chica Beach, home to numerous endangered and threatened species, especially migratory birds. As a member of the surrounding community, I am directly impacted by SpaceX's wastewater pollution and activities. I request that TCEQ provide sufficient Spanish language interpretation and translation services at the hearing on October 17 to ensure that all participants' questions are answered. In addition, TCEQ and SpaceX staff must consult with the Carrizo/Comecrudo Tribe of Texas, the original Native people of this region, about this permit application and all SpaceX activities at the Boca Chica Beach site.

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Friday, October 11, 2024 2:27 PM
To: PUBCOMMENT-OCC2; PUBCOMMENT-OPIC; PUBCOMMENT-ELD; PUBCOMMENT-WQ
Subject: FW: Public comment on Permit Number WQ0005462000

Jesús Bárcena
Office of the Chief Clerk
Texas Commission on Environmental Quality
Office Phone: 512-239-3319

How is our customer service? Fill out our online customer satisfaction survey at:
www.tceq.texas.gov/customersurvey

From: coralbell08@yahoo.com <coralbell08@yahoo.com>
Sent: Thursday, October 10, 2024 5:28 PM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER:

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: Coral Bell

EMAIL: coralbell08@yahoo.com

COMPANY:

ADDRESS: 320 BALBOA RD
RANCHO VIEJO TX 78575-9651

PHONE: 9568214176

FAX:

COMMENTS: I am opposed to the issuance of the following permits for SpaceX LLC: WQ0005462000 The SpaceX launch pad and Starbase facility emit unacceptable levels of pollutants that threaten Brownsville and Rio Grande Valley residents' health and well-being. Water pollutants also damage the sensitive wetland, salt marsh, and mudflat ecosystems of South Bay, Lower Rio Grande Valley Wildlife Refuge, and Boca Chica Beach, home to numerous endangered and threatened species, especially migratory birds. As a member of the surrounding community, I am directly impacted by SpaceX's wastewater pollution and activities. I request that TCEQ provide sufficient Spanish language interpretation and translation services at the hearing on October 17 to ensure that all participants' questions are answered. In addition, TCEQ and SpaceX staff must consult with the Carrizo/Comecrudo Tribe of Texas, the original Native people of this region, about this permit application and all SpaceX activities at the Boca Chica Beach site.

TCEQ Registration Form

October 17, 2024

Space Exploration Technologies Corp.
Proposed TPDES Permit No. WQ0005462000

PLEASE PRINT

Name: BILL BERG

Mailing Address: 613 W SAINT CHARLES ST, BROWNSVILLE TX 77820

Physical Address (if different): _____

City/State: BROWNSVILLE TX Zip: 77820

This information is subject to public disclosure under the Texas Public Information Act

Email: billberg42@gmail.com

Phone Number: (956) 594-3067

- Are you here today representing a municipality, legislator, agency, or group? ☐ Yes ☒ No

If yes, which one? _____

☒ Please add me to the mailing list.

☒ I wish to provide formal *ORAL COMMENTS* at tonight's public meeting.

☐ I wish to provide formal *WRITTEN COMMENTS* at tonight's public meeting.

(Written comments may be submitted at any time during the meeting)

Please give this form to the person at the information table. Thank you.

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Monday, October 21, 2024 11:51 AM
To: PUBCOMMENT-WQ; PUBCOMMENT-ELD; PUBCOMMENT-OCC2; PUBCOMMENT-OPIC
Subject: FW: Public comment on Permit Number WQ0005462000

From: billberg42@gmail.com <billberg42@gmail.com>
Sent: Thursday, October 17, 2024 6:08 PM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER:

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: DR. Bill Berg

EMAIL: billberg42@gmail.com

COMPANY:

ADDRESS: 613 W SAINT CHARLES ST
BROWNSVILLE TX 78520-6303

PHONE: 9565943067

FAX:

COMMENTS: Comments Regarding the Application of Space Exploration Technologies Corp. for TPDES Permit No. WQ0005462000. I am submitting the following comments regarding the Application of Space Exploration Technologies Corp. ("SpaceX" or "Applicant") for Texas Pollutant Discharge Elimination System ("TPDES") Permit No. WQ0005462000 (the "Application"). This comment is regarding the discharge sampling of the deluge water flowing over the rim of the launchpad. Presumably there will be

selected locations over the hundreds of feet of launchpad rim over which the deluge water flowed. Testing documentation from SpaceX indicate that the deluge water includes chemicals and metal particulates in the water outflow that has contacted the rocket and its engines. TCEQ has established acceptable limits of these toxins in the deluge outflow. Presumably technology will be used that measures the quantity of toxins in a regular and timely basis during the liftoff period. If the out flow is within limits for the duration of one liftoff, It is very likely that the toxins in the next liftoff will ADD to what is in the mud and sediment surrounding the launchpad. It would appear that there is a tipping point after which the sediment is toxic and water and plants contacting the sediment will be dangerous for wildlife to eat or drink. Will TCEQ test the surrounding soil to the launchpad and cancel the Industrial Wastewater Permit for the deluge water after the tipping point where wildlife is endangered? Alternatively, could TCEQ require removal of affected soil so that launches can resume? If the soils surrounding the SpaceX launchpad cannot be maintained so that it is safe for wildlife habitation, then the permit to discharge deluge water into the soils must be denied. Bill Berg 613 W Saint Charles St Brownsville, TX 78520

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Monday, October 21, 2024 11:52 AM
To: PUBCOMMENT-WQ; PUBCOMMENT-ELD; PUBCOMMENT-OCC2; PUBCOMMENT-OPIC
Subject: FW: Public comment on Permit Number WQ0005462000

From: txfinder@att.net <txfinder@att.net>
Sent: Thursday, October 17, 2024 6:31 PM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER:

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: Mary Angela Branch

EMAIL: txfinder@att.net

COMPANY:

ADDRESS: 2005 RODEO DR
AUSTIN TX 78727-3412

PHONE: 5124315884

FAX:

COMMENTS: I would like to amend my previous comment on this permit number to correct the second sentence that erroneously refers to SpaceX's domestic wastewater permit as #1101643001. It should read WQ0016342001. Thank you!

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Monday, October 21, 2024 11:19 AM
To: PUBCOMMENT-WQ; PUBCOMMENT-ELD; PUBCOMMENT-OCC2; PUBCOMMENT-OPIC
Subject: FW: Public comment on Permit Number WQ0005462000

From: txfinder@att.net <txfinder@att.net>
Sent: Thursday, October 17, 2024 1:35 PM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER:

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: Mary Angela Branch

EMAIL: txfinder@att.net

COMPANY:

ADDRESS: 2005 RODEO DR
AUSTIN TX 78727-3412

PHONE: 5124315884

FAX:

COMMENTS: I am a homeowner in Port Isabel, TX and grew up in Brownsville, TX. Since the '60's myself, friends, and family frequent Boca Chica Beach, South Padre Island Beach, the Lower Laguna Madre, the Brownsville Ship Channel and South Bay Coastal Preserve to fish, swim, kayak, boat, wildlife watch, and otherwise recreate in these areas which are in close proximity to the discharge area. All of these aquatic areas are directly affected and impacted by SpaceX. On all of the recreational activities listed above, I

have also witnessed numerous individuals, both local and tourist, do the same. Our water and beach access has been a sustaining force in our lifetime in Cameron County for catching fish, family gatherings, swimming enjoyment, and nature enjoyment. I ask that the Draft permit be denied for the following reasons: I am not a scientist, but in reading the Draft, even I can see that this permit is based on effluent standards for storm water discharges, not industrial discharges, which is what SpaceX is discharging from the currently unpermitted deluge activity. It has been noted, by ecologists, biologists, and other environmental engineers, and I have read numerous findings that rocket discharges are industrial discharges, and that the heat from the 33-42 raptor engines ignited by the largest rocket ever built and launched, causes an ablation of metals like copper, zinc, nickel, mercury, thallium, and hexavalent chromium, a known carcinogen. None of those contaminants would be limited under the current draft permit. This does not meet the criteria or standards of the Texas Surface Water Quality Standards which is a violation of the Clean Water Act. I am also concerned that the total flow of the discharge by SpaceX has been relegated to an "estimate." This is unacceptable for the aquatic areas affected and impacted by the discharge. The damage and impact, especially the cumulative impact that will be incurred from SpaceX's proposed increase launch cadence, will cause irreparable harm to this ecosystem and all that depend on it, including the fragile invertebrates that birds and marine life need to continue their gene pool. This in turn affects humans in a very negative way through toxins entering the water. The threat to our threatened and endangered species has NEVER been fully assessed. It has been mentioned in previous scoping comments with regards to SpaceX activities, but the addition of deluge discharge is quite hazardous and deserves a full environmental assessment on the terrestrial, marine and human life that depends on our wetlands and waters of the State and U.S. TCEQ must extend the comment period as the application itself is vague, deficient and inaccurate. It is appalling that TCEQ would issue a Draft permit from such a lax and rushed application that is both technically and administratively incorrect. As a citizen and taxpayer, I ask that TCEQ deny the permit and have SpaceX resubmit a correct application for public review and a new Draft issued that correctly identifies impacts and deficiencies. There is nothing in the Draft that has any enforceable action on SpaceX for monitoring, testing, and sampling of the discharge, and most importantly, COMPLIANCE. Based on history of this company, SpaceX has been in violation of numerous federal safety and environmental laws all across the State of Texas with impunity. This is unacceptable and TCEQ must hold them accountable before permitting anything new and further show the public that the punishment fit the crimes. Further, TCEQ must order SpaceX to cease any further deluge discharges until an approved deluge system is permitted for construction. Anything less by TCEQ is unacceptable.⁴⁴ In closing, this Draft is inconsistent with the Texas Coastal Management Program. I encourage TCEQ to review this program and find the deficiencies, not just in the deluge discharges, but in SpaceX's entire operations as they affect our waters. For this reason alone, all launch and discharge activities must cease and TCEQ must explain why they are continuing in direct violation of environmental law. Thank you! Mary Angela Branch 1025 Tarpon Avenue Port Isabel, TX 78578 Mailing: 2005 Rodeo Drive Austin, TX 78727

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Monday, October 21, 2024 11:21 AM
To: PUBCOMMENT-WQ; PUBCOMMENT-ELD; PUBCOMMENT-OCC2; PUBCOMMENT-OPIC
Subject: FW: Public comment on Permit Number WQ0005462000

PM

From: txfinder@att.net <txfinder@att.net>
Sent: Thursday, October 17, 2024 3:04 PM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER:

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: Mary Angela Branch

EMAIL: txfinder@att.net

COMPANY:

ADDRESS: 2005 RODEO DR
AUSTIN TX 78727-3412

PHONE: 5124315884

FAX:

COMMENTS: TCEQ must extend the comment period on this permit. I have read through most of the 192 comments regarding this permit and many people are confusing it with permit WQ1101643001, SpaceX domestic wastewater permit. The fact that you have issued the draft notices on these permits as well as scheduled the public meeting/comment periods so closely together, is not conducive to the general public properly understanding the difference, let alone the impacts of both permits being approved. This

does not bode well for TCEQ's commitments to greater transparency, accountability, public information, accessibility, education, and concern for the public's participation in the commenting process. Further, you have scheduled public meetings less than 30 days apart on two separate permits for the same entity. To date, none of the applicant's applications have been corrected, as the application for permit #WQ0016342001 is full of just as many deficiencies and inadequacies as the application for this permit number. Additionally, it is obvious that TCEQ, at SpaceX's behest, has also scheduled these public meetings in 4th quarter, when most families and households are deep in the fall semester of activities and also preparing for the forthcoming holidays and fall events. This is unacceptable and clearly a ploy by TCEQ and SpaceX. The only thing transparent in these proceedings is your bias towards SpaceX. I ask that you deny both permits at this time and schedule public comments/public meetings sometime in Q1 2025. Thank you!

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Tuesday, October 15, 2024 5:01 PM
To: PUBCOMMENT-OCC2; PUBCOMMENT-OPIC; PUBCOMMENT-ELD; PUBCOMMENT-WQ
Subject: FW: Public comment on Permit Number WQ0005462000

Jesús Bárcena
Office of the Chief Clerk
Texas Commission on Environmental Quality
Office Phone: 512-239-3319

How is our customer service? Fill out our online customer satisfaction survey at:
www.tceq.texas.gov/customersurvey

From: doracackley@aol.com <doracackley@aol.com>
Sent: Tuesday, October 15, 2024 2:00 PM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER: 2024-1282-IWD-E

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: MRS Dora Luz Cackley

EMAIL: doracackley@aol.com

COMPANY:

ADDRESS: 5092 LAKEWAY DR
BROWNSVILLE TX 78520-9247

PHONE: 9564514515

FAX:

COMMENTS: Did Tceq know this was SpaceX plan all along when it submitted their plans? This is absolutely not right for our beach community. This wastewater will pollute the gulf waters and shore echo systems. As a citizen of Cameron County, I ask you to tell SpaceX to find alternative such as clean the water and keep reusing it in their facility and not in our clean gulf waters that is home to many fish that we eat.



1331 Texas Ave.
El Paso, TX 79901
Phone: 915-585-5100
Toll Free: 833-329-8752
Fax: 956-591-8752
www.trla.org

October 8, 2024

Laurie Gharis
Texas Commission of Environmental Quality
Office of the Chief Clerk
MC 105, TCEQ, P.O. Box 13087
Austin, TX 78711-3087

Reviewed By GCW

Reviewed By GCW

OCT 08 2024

10

OCT 10 2024

Dear Ms. Gharis,

On behalf of South Texas Environmental Justice Network, Texas RioGrande Legal Aid respectfully submits these comments on TCEQ's proposed issuance of SpaceX's Texas Discharge Elimination System ("TPDES") Permit No. WQ0005462000 (EPA I.D. TX146251). SpaceX's TPDES Permit would authorize SpaceX to discharge non-processed deluge from its launch operations, facility washdown water, and stormwater into Segment 2301 of the Rio Grande Basin, a water body in the South Bay with exceptional water quality and a delicate and pristine ecosystem.

The SpaceX facility is located in Brownsville, Texas, a rapidly industrializing port-city within the Rio Grande Valley. Brownsville is a majority-Hispanic and disproportionately low-income community that has been historically subjected to environmental pollution from rapid industrialization. Brownsville is also home to members of the Carrizo/Comecrudo Tribe of Texas, which has contended with a pattern of government-authorized permits that authorize air, soil and water pollution around and on sacred Carrizo/Comecrudo sites throughout the Rio Grande Valley. It is in the context of this history of environmental discrimination against Hispanic and Carrizo/Comecrudo communities that SpaceX seeks authorization to discharge polluted effluent into the South Bay—authorization SpaceX seeks only after repeatedly violating state and federal law, and placing communities, sacred indigenous sites and wildlife habitats at risk.

Failure to ensure meaningful public participation risks violating the Clean Water Act and Title VI of the Civil Rights Act. The Clean Water Act ("CWA") requires that public participation be provided for, encouraged and assisted by States administering a NPDES program.¹ Even more, agencies that receive federal funding, like TCEQ, must also take all reasonable steps to provide meaningful public participation pursuant to Title VI of the Civil Rights Act.² In an

¹ 33 U.S.C. 1251(e); *See also* 40 C.F.R. § 25.4(b)(1) ("Providing information to the public is a necessary prerequisite to meaningful, active public involvement.").

² Title VI of the Civil Rights Act of 1964, 42 U.S.C. § 2000d *et seq.*

administrative decision remedying prior deficiencies in TCEQ's public participation process for environmental permitting, the EPA noted:

"TCEQ is obligated to provide meaningful access for persons with LEP [limited English Proficiency] in the affected communities consistent with [] Title VI, including to vital documents and notices of public meetings and other vital information about the [] Permit [] as well as a meaningful opportunity to participate during public meetings. Providing meaningful access for persons with LEP includes, but is not limited to, offering interpretations and translation services by qualified professionals provided by TCEQ at no cost to participants."³

TCEQ itself has recognized the importance of taking steps necessary to include all communities in major agency decisions. In its most recent Public Participation Plan, TCEQ noted that it "strives to address environmental concerns for all Texans, including low-income and minority communities across the state, so that all Texans can fully participate in decision-making processes and enjoy the benefits of TCEQ's environmental programs."⁴ Even more, TCEQ acknowledged "that communities are unique. TCEQ aims to work with communities to better ensure access to decision-making processes and a healthy environment in which to live, learn, and work."⁵

Thus, TCEQ must continue to take reasonable steps to continue to promote meaningful access to public participation in TCEQ's permitting decisions for all communities. We respectfully request that TCEQ address the following deficiencies in public participation and extend the public comment period to November 17th, or 30-days after the deficiencies are remedied, whichever date is later.

A. TCEQ Must Provide Critical Permit Information to Allow the Public to Meaningfully Participate in Public Comment.

There is significant information that relates to SpaceX's current permit and its related operations in the area that was not included in the materials provided to the public. The Clean Water Act requires agencies to provide the public with all critical permit information that allows the public to fully inform itself and submit meaningful comments, and failure to do so may result in a violation of public participation rights.⁶ Even more, EPA's CWA Regulations require agencies to engage in the "timely distribution of information" prior to public consultation and an agency's final decision.⁷

³ EPA, Office of External Civil Rights Compliance, Administrative closure without prejudice, EPA Complaint Nos: 05RNO-22-R6, 06RNO-22-R6 (January 2, 2024), available at 05RNO-22-R6, 06RNO-22-R6.

⁴ TCEQ, Public Participation Plan (June 14, 2021) at 9.

⁵ *Id.*

⁶ See 40 C.F.R. §25.4(b)(2) ("Each agency shall provide the public with continuing policy, program, and technical information and assistance beginning at the earliest practicable time. Informational materials shall highlight significant issues that will be the subject of decision-making.[]"); See also EPA Model Plan at 16 ("Make information available in a timely manner.").

⁷ 40 C.F.R. §25.4(b)(2).

Notably, TCEQ did not provide a copy of the draft permit or any evidence of the permit's compliance with TCEQ antidegradation standards. The application package is not a substitute for the final conditions and agency determinations that ensure compliance with state water quality requirements. It is crucial for TCEQ to ensure that every TPDES permit complies with its antidegradation standards,⁸ and provide the public a meaningful opportunity to check TCEQ's analysis. TCEQ bears the burden of demonstrating that its proposed permit both protects existing uses (Tier 1), and in a distinct analysis, that it does not cause degradation—i.e. lowering of water quality by more than a de minimis extent—of the receiving water (Tier 2).⁹ And because the discharge is adjacent to, and directly threatens Boca Chica State Park and the Lower Rio Grande Valley Wildlife Refuge, TCEQ must also perform Tier 3 antidegradation analysis, which requires that the “quality of outstanding national resource waters must be maintained and protected.”¹⁰

TCEQ must also provide copies of any informal and formal enforcement actions against SpaceX in relation to its space launch activities in Brownsville. Notably, on September 10, 2024, the EPA entered an Administrative Consent Order with SpaceX for numerous instances of discharging without a TPDES permit.¹¹ Even more, TCEQ entered an Agreed Order with SpaceX on August 30, 2024. This information bears directly to SpaceX's current permit application. Indeed, SpaceX notes in its application that “it is working closely with the TCEQ and the US EPA to obtain additional expedited permit coverage [in] order to comply with the terms of an Administrative Order.”¹² Because affected persons can seek a contested case hearing for a proposed permit on the basis of a history of noncompliance, failure to provide this administrative history denies the public this vital procedural right.

In addition, TCEQ failed to provide “the expected output of the proposed plant or facility” as required by 30 Tex. Admin. Code §39. While it is noted that “[w]astewater will be treated by reusing deluge and pretreatment required,” the quantity of wastewater expected per day, or even per launch operation, and the quantity of wastewater that will undergo pretreatment prior to discharge is not specified.¹³ Even more, the permit application does not appear to contain any restrictions on daily maximum flow amounts.¹⁴ SpaceX is anticipating 25 launches per year at this location, and given the facilities repeated disregard for state and federal law, TCEQ must assure the public that this TPDES permit, as written, will withhold SpaceX from exceeding “non-major” facility requirements. Without this information, the public cannot make a fully informed comment.

⁸ 30 Tex. Admin. Code § 307.5; TCEQ, Implementation Standards at 55 (2010) (“The antidegradation policy applies to actions regulated under state and federal authority that would increase pollution of water in the state. The antidegradation implementation procedures in this document apply to any increase in pollution authorized by TPDES wastewater discharge permits or by other state and federal permitting and regulatory activities.”).

⁹ 30 Tex. Admin. Code § 307.5(b)(1)-(2). The wastewater discharge would impact Segment 2301, a tidal stream classified as Aquatic Life Use, Contact Recreation Use, General Use, Fish Consumption Use. TCEQ, 2002 Texas Water Quality Inventory.

¹⁰ *Id.* at (b)(3).

¹¹ Available at Environmental Compliance History Online, Civil Enforcement Case Summary, Case #06-2024-1768, https://echo.epa.gov/enforcement-case-report?activity_id=3604100252.

¹² SpaceX Permit Application Package at 68.

¹³ *Id.* at 50.

¹⁴ *Id.* at 64 (SpaceX Industrial Wastewater Permit Application Technical Report 1.0); PERMIT CONDITION.

Additionally, SpaceX has several other pending or active CWA permits in the nearby vicinity that relate to its rocket launch sites that the public should be informed about.¹⁵ It is a common practice for would be “major” permitted facilities to avoid stricter pollution standards by dividing their facilities into separate “minor” permits. TCEQ must provide an adequate description of SpaceX’s other TPDES permits, both current and proposed, and confirm to the public that this is not the case at hand.

B. TCEQ Must Provide Reasonable Access to Information and Translation Services.

TCEQ must provide adequate access to the permit application materials and draft permit at locations the affected community can reasonably access. While we appreciate that TCEQ provided the application package online and at a public location, these materials are located over 30 miles from the SpaceX facility, and over 20 miles from the Main Branch of the Brownsville Library. Environmental justice communities often face a barrier to information due to systemic digital divides and reduced access to reliable transportation. Individuals in Brownsville impacted by the proposed permit do not have the same access to transportation that would allow them to reach Port Isabel, nor do they have equitable electronic access that would enable them to view the permit materials online. Without reasonable access to permit information, the public cannot meaningfully participate in the public comment process.

We also urge TCEQ to ensure that all information provided is up-to-date and easily understood by the public. TCEQ should take all reasonable measures to ensure an accessible public meeting that accommodates the unique characteristics of the Rio Grande Valley. We appreciate that TCEQ and SpaceX are providing Spanish interpreters at the October 17, 2024 public meeting. However, these interpreters must be available to answer all questions and explain the details of the permit application and draft permit to anyone who requires additional explanations before or after the public meeting presentation. While TCEQ is not required to translate every page of the draft permit and application materials to Spanish, reasonable steps should be taken at the public meeting to ensure that Spanish-speaking individuals have a meaningful opportunity to understand the materials.

We also note that the TCEQ contact phone number provided in TCEQ’s July 8, 2024 Notice of Intent and its September 5, 2024 Notice of Public meeting is not functional. We urge TCEQ to ensure that there are accessible agency contacts that the public can reach should they have questions about information in the proposed, with up-to-date contact information provided in public notices. An extension of the public comment deadline can remedy this deficiency. This would not only allow the public more time to access the permitting information and the related administrative enforcement against SpaceX, but also provide the public with the actual opportunity to reach out to agency contacts that can answer questions and provide information that allows for informed commenting.

¹⁵ Based on EPA’s Environmental and Compliance History Online (ECHO) database, SpaceX’s Brownsville space launch and corollary facilities have two proposed Non-Major TPDES Wastewater permits that discharge into the South Bay (TX146251 and TX0141607, and TXU009110), and two operating Non-Major Industrial Stormwater Permits (TXR05GD61 and TXR05GD28) that flow into the South Bay.

Thank you for providing this opportunity for public comment. Please let us know if we can provide any additional information to assist TCEQ in addressing these serious concerns.

Sincerely,

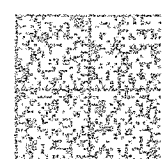
/s/ Paola Camacho
Paola Camacho
Attorney at Law
Texas RioGrande Legal Aid
TX State Bar No. 24138957
Tel: (915) 585-5118
Fax: (915) 544-3789
E-mail: pcamacho@trla.org

WQ 00 05462 000 / 138242



UNITED STATES
POSTAL SERVICE

PRIORITY MAIL



US POSTAGE
ZIP 78901 \$010.45
02 4M
0500276507 OCT 08 2024

Package Tracking Label

Recipient:
CHIEF CLERK
TX. BLDG F, 1ST, 105
Location:

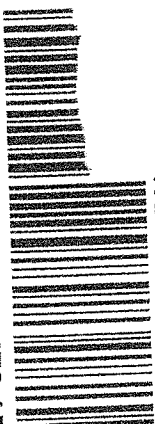
Personnel Id:
Received Date: Oct 10, 2024 8:17 AM



9114999944238409247215

RATES & SERVICE

TRACKING #



9114 9999 4423 8409 2472 15

Label 400 Jan. 2013
7690-16-000-7948

USPS TRACKING # 9114 9999 4423 8409 2472 15
& CUSTOMER
For Tracking or Inquiries go to USPS.com
or call 1-800-222-1811.
RECEIPT

USPS.COM/PICKUP



PACKED - INSURED



PS00001000014

EP14F July 2022
OD: 12 1/2 X 9 1/2

PRIORITY MAIL



VISIT US AT USPS.COM
ORDER FREE SUPPLIES ONLINE

FROM:

Paola Camacho
Texas RioGrande Legal Aid, Inc.
1331 Texas Ave.
El Paso, TX 79901

TO:

Laurie Gharis
Texas Commission of Environmental Quality
Office of the Chief Clerk
MC 105, TCEQ
P. O. Box 13087
Austin, TX 78711-3087

Label 228, March 2016

FOR DOMESTIC AND INTERNATIONAL USE

VISIT US AT USPS.COM
ORDER FREE SUPPLIES ONLINE

Label is 70 lbs. Exceeding this maximum weight is 20 lbs

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Tuesday, October 8, 2024 1:58 PM
To: PUBCOMMENT-OCC2; PUBCOMMENT-OPIC; PUBCOMMENT-ELD; PUBCOMMENT-WQ
Subject: FW: Public comment on Permit Number WQ0005462000
Attachments: 10.8.2024 TRLA SpaceX WQ0005462000 Request for Comment Extension.pdf

Jesús Bárcena
Office of the Chief Clerk
Texas Commission on Environmental Quality
Office Phone: 512-239-3319

How is our customer service? Fill out our online customer satisfaction survey at:
www.tceq.texas.gov/customersurvey

From: leisenmann@trla.org <leisenmann@trla.org>
Sent: Tuesday, October 8, 2024 9:48 AM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER: 2024-1282-IWD-E

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: MS Lane Audrey Eisenmann

EMAIL: leisenmann@trla.org

COMPANY: Texas RioGrande Legal Aid

ADDRESS: 1331 TEXAS AVE
EL PASO TX 79901-1639

PHONE: 9155855100

FAX:

COMMENTS: Please see filed attached.



1331 Texas Ave.
El Paso, TX 79901
Phone: 915-585-5100
Toll Free: 833-329-8752
Fax: 956-591-8752
www.trla.org

October 8, 2024

Laurie Gharis
Texas Commission of Environmental Quality
Office of the Chief Clerk
MC 105, TCEQ, P.O. Box 13087
Austin, TX 78711-3087

Dear Ms. Gharis,

On behalf of South Texas Environmental Justice Network, Texas RioGrande Legal Aid respectfully submits these comments on TCEQ's proposed issuance of SpaceX's Texas Discharge Elimination System ("TPDES") Permit No. WQ0005462000 (EPA I.D. TX146251). SpaceX's TPDES Permit would authorize SpaceX to discharge non-processed deluge from its launch operations, facility washdown water, and stormwater into Segment 2301 of the Rio Grande Basin, a water body in the South Bay with exceptional water quality and a delicate and pristine ecosystem.

The SpaceX facility is located in Brownsville, Texas, a rapidly industrializing port-city within the Rio Grande Valley. Brownsville is a majority-Hispanic and disproportionately low-income community that has been historically subjected to environmental pollution from rapid industrialization. Brownsville is also home to members of the Carrizo/Comecrudo Tribe of Texas, which has contended with a pattern of government-authorized permits that authorize air, soil and water pollution around and on sacred Carrizo/Comecrudo sites throughout the Rio Grande Valley. It is in the context of this history of environmental discrimination against Hispanic and Carrizo/Comecrudo communities that SpaceX seeks authorization to discharge polluted effluent into the South Bay—authorization SpaceX seeks only after repeatedly violating state and federal law, and placing communities, sacred indigenous sites and wildlife habitats at risk.

Failure to ensure meaningful public participation risks violating the Clean Water Act and Title VI of the Civil Rights Act. The Clean Water Act ("CWA") requires that public participation be provided for, encouraged and assisted by States administering a NPDES program.¹ Even more, agencies that receive federal funding, like TCEQ, must also take all reasonable steps to provide meaningful public participation pursuant to Title VI of the Civil Rights Act.² In an

¹ 33 U.S.C. 1251(e); *See also* 40 C.F.R. § 25.4(b)(1) ("Providing information to the public is a necessary prerequisite to meaningful, active public involvement.").

² Title VI of the Civil Rights Act of 1964, 42 U.S.C. § 2000d *et seq.*

administrative decision remedying prior deficiencies in TCEQ's public participation process for environmental permitting, the EPA noted:

"TCEQ is obligated to provide meaningful access for persons with LEP [limited English Proficiency] in the affected communities consistent with [] Title VI, including to vital documents and notices of public meetings and other vital information about the [] Permit [] as well as a meaningful opportunity to participate during public meetings. Providing meaningful access for persons with LEP includes, but is not limited to, offering interpretations and translation services by qualified professionals provided by TCEQ at no cost to participants."³

TCEQ itself has recognized the importance of taking steps necessary to include all communities in major agency decisions. In its most recent Public Participation Plan, TCEQ noted that it "strives to address environmental concerns for all Texans, including low-income and minority communities across the state, so that all Texans can fully participate in decision-making processes and enjoy the benefits of TCEQ's environmental programs."⁴ Even more, TCEQ acknowledged "that communities are unique. TCEQ aims to work with communities to better ensure access to decision-making processes and a healthy environment in which to live, learn, and work."⁵

Thus, TCEQ must continue to take reasonable steps to continue to promote meaningful access to public participation in TCEQ's permitting decisions for all communities. We respectfully request that TCEQ address the following deficiencies in public participation and extend the public comment period to November 17th, or 30-days after the deficiencies are remedied, whichever date is later.

A. TCEQ Must Provide Critical Permit Information to Allow the Public to Meaningfully Participate in Public Comment.

There is significant information that relates to SpaceX's current permit and its related operations in the area that was not included in the materials provided to the public. The Clean Water Act requires agencies to provide the public with all critical permit information that allows the public to fully inform itself and submit meaningful comments, and failure to do so may result in a violation of public participation rights.⁶ Even more, EPA's CWA Regulations require agencies to engage in the "timely distribution of information" prior to public consultation and an agency's final decision.⁷

³ EPA, Office of External Civil Rights Compliance, Administrative closure without prejudice, EPA Complaint Nos: 05RNO-22-R6, 06RNO-22-R6 (January 2, 2024), available at 05RNO-22-R6, 06RNO-22-R6.

⁴ TCEQ, Public Participation Plan (June 14, 2021) at 9.

⁵ *Id.*

⁶ See 40 C.F.R. §25.4(b)(2) ("Each agency shall provide the public with continuing policy, program, and technical information and assistance beginning at the earliest practicable time. Informational materials shall highlight significant issues that will be the subject of decision-making.[]"); See also EPA Model Plan at 16 ("Make information available in a timely manner.").

⁷ 40 C.F.R. §25.4(b)(2).

Notably, TCEQ did not provide a copy of the draft permit or any evidence of the permit's compliance with TCEQ antidegradation standards. The application package is not a substitute for the final conditions and agency determinations that ensure compliance with state water quality requirements. It is crucial for TCEQ to ensure that every TPDES permit complies with its antidegradation standards,⁸ and provide the public a meaningful opportunity to check TCEQ's analysis. TCEQ bears the burden of demonstrating that its proposed permit both protects existing uses (Tier 1), and in a distinct analysis, that it does not cause degradation—i.e. lowering of water quality by more than a de minimis extent—of the receiving water (Tier 2).⁹ And because the discharge is adjacent to, and directly threatens Boca Chica State Park and the Lower Rio Grande Valley Wildlife Refuge, TCEQ must also perform Tier 3 antidegradation analysis, which requires that the “quality of outstanding national resource waters must be maintained and protected.”¹⁰

TCEQ must also provide copies of any informal and formal enforcement actions against SpaceX in relation to its space launch activities in Brownsville. Notably, on September 10, 2024, the EPA entered an Administrative Consent Order with SpaceX for numerous instances of discharging without a TPDES permit.¹¹ Even more, TCEQ entered an Agreed Order with SpaceX on August 30, 2024. This information bears directly to SpaceX's current permit application. Indeed, SpaceX notes in its application that “it is working closely with the TCEQ and the US EPA to obtain additional expedited permit coverage [in] order to comply with the terms of an Administrative Order.”¹² Because affected persons can seek a contested case hearing for a proposed permit on the basis of a history of noncompliance, failure to provide this administrative history denies the public this vital procedural right.

In addition, TCEQ failed to provide “the expected output of the proposed plant or facility” as required by 30 Tex. Admin. Code §39. While it is noted that “[w]astewater will be treated by reusing deluge and pretreatment required,” the quantity of wastewater expected per day, or even per launch operation, and the quantity of wastewater that will undergo pretreatment prior to discharge is not specified.¹³ Even more, the permit application does not appear to contain any restrictions on daily maximum flow amounts.¹⁴ SpaceX is anticipating 25 launches per year at this location, and given the facilities repeated disregard for state and federal law, TCEQ must assure the public that this TPDES permit, as written, will withhold SpaceX from exceeding “non-major” facility requirements. Without this information, the public cannot make a fully informed comment.

⁸ 30 Tex. Admin. Code § 307.5; TCEQ, Implementation Standards at 55 (2010) (“The antidegradation policy applies to actions regulated under state and federal authority that would increase pollution of water in the state. The antidegradation implementation procedures in this document apply to any increase in pollution authorized by TPDES wastewater discharge permits or by other state and federal permitting and regulatory activities.”).

⁹ 30 Tex. Admin. Code § 307.5(b)(1)-(2). The wastewater discharge would impact Segment 2301, a tidal stream classified as Aquatic Life Use, Contact Recreation Use, General Use, Fish Consumption Use. TCEQ, 2002 Texas Water Quality Inventory.

¹⁰ *Id.* at (b)(3).

¹¹ Available at Environmental Compliance History Online, Civil Enforcement Case Summary, Case #06-2024-1768, https://echo.epa.gov/enforcement-case-report?activity_id=3604100252.

¹² SpaceX Permit Application Package at 68.

¹³ *Id.* at 50.

¹⁴ *Id.* at 64 (SpaceX Industrial Wastewater Permit Application Technical Report 1.0); PERMIT CONDITION.

Additionally, SpaceX has several other pending or active CWA permits in the nearby vicinity that relate to its rocket launch sites that the public should be informed about.¹⁵ It is a common practice for would be “major” permitted facilities to avoid stricter pollution standards by dividing their facilities into separate “minor” permits. TCEQ must provide an adequate description of SpaceX’s other TPDES permits, both current and proposed, and confirm to the public that this is not the case at hand.

B. TCEQ Must Provide Reasonable Access to Information and Translation Services.

TCEQ must provide adequate access to the permit application materials and draft permit at locations the affected community can reasonably access. While we appreciate that TCEQ provided the application package online and at a public location, these materials are located over 30 miles from the SpaceX facility, and over 20 miles from the Main Branch of the Brownsville Library. Environmental justice communities often face a barrier to information due to systemic digital divides and reduced access to reliable transportation. Individuals in Brownsville impacted by the proposed permit do not have the same access to transportation that would allow them to reach Port Isabel, nor do they have equitable electronic access that would enable them to view the permit materials online. Without reasonable access to permit information, the public cannot meaningfully participate in the public comment process.

We also urge TCEQ to ensure that all information provided is up-to-date and easily understood by the public. TCEQ should take all reasonable measures to ensure an accessible public meeting that accommodates the unique characteristics of the Rio Grande Valley. We appreciate that TCEQ and SpaceX are providing Spanish interpreters at the October 17, 2024 public meeting. However, these interpreters must be available to answer all questions and explain the details of the permit application and draft permit to anyone who requires additional explanations before or after the public meeting presentation. While TCEQ is not required to translate every page of the draft permit and application materials to Spanish, reasonable steps should be taken at the public meeting to ensure that Spanish-speaking individuals have a meaningful opportunity to understand the materials.

We also note that the TCEQ contact phone number provided in TCEQ’s July 8, 2024 Notice of Intent and its September 5, 2024 Notice of Public meeting is not functional. We urge TCEQ to ensure that there are accessible agency contacts that the public can reach should they have questions about information in the proposed, with up-to-date contact information provided in public notices. An extension of the public comment deadline can remedy this deficiency. This would not only allow the public more time to access the permitting information and the related administrative enforcement against SpaceX, but also provide the public with the actual opportunity to reach out to agency contacts that can answer questions and provide information that allows for informed commenting.

¹⁵ Based on EPA’s Environmental and Compliance History Online (ECHO) database, SpaceX’s Brownsville space launch and corollary facilities have two proposed Non-Major TPDES Wastewater permits that discharge into the South Bay (TX146251 and TX0141607, and TXU009110), and two operating Non-Major Industrial Stormwater Permits (TXR05GD61 and TXR05GD28) that flow into the South Bay.

Thank you for providing this opportunity for public comment. Please let us know if we can provide any additional information to assist TCEQ in addressing these serious concerns.

Sincerely,

/s/ Paola Camacho
Paola Camacho
Attorney at Law
Texas RioGrande Legal Aid
TX State Bar No. 24138957
Tel: (915) 585-5118
Fax: (915) 544-3789
E-mail: pcamacho@trla.org

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Tuesday, October 8, 2024 2:00 PM
To: PUBCOMMENT-OCC2; PUBCOMMENT-OPIC; PUBCOMMENT-ELD; PUBCOMMENT-WQ
Subject: FW: Public comment on Permit Number WQ0005462000
Attachments: 10.8.2024 TRLA SpaceX WQ0005462000 Request for Comment Extension.pdf

Jesús Bárcena
Office of the Chief Clerk
Texas Commission on Environmental Quality
Office Phone: 512-239-3319

How is our customer service? Fill out our online customer satisfaction survey at:
www.tceq.texas.gov/customersurvey

From: leisenmann@trla.org <leisenmann@trla.org>
Sent: Tuesday, October 8, 2024 9:52 AM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER:

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: MS Lane Audrey Eisenmann

EMAIL: leisenmann@trla.org

COMPANY: Texas RioGrande Legal Aid

ADDRESS: 1331 TEXAS AVE
EL PASO TX 79901-1639

PHONE: 9155855100

FAX:

COMMENTS: Please see file attached.



1331 Texas Ave.
El Paso, TX 79901
Phone: 915-585-5100
Toll Free: 833-329-8752
Fax: 956-591-8752
www.trla.org

October 8, 2024

Laurie Gharis
Texas Commission of Environmental Quality
Office of the Chief Clerk
MC 105, TCEQ, P.O. Box 13087
Austin, TX 78711-3087

Dear Ms. Gharis,

On behalf of South Texas Environmental Justice Network, Texas RioGrande Legal Aid respectfully submits these comments on TCEQ's proposed issuance of SpaceX's Texas Discharge Elimination System ("TPDES") Permit No. WQ0005462000 (EPA I.D. TX146251). SpaceX's TPDES Permit would authorize SpaceX to discharge non-processed deluge from its launch operations, facility washdown water, and stormwater into Segment 2301 of the Rio Grande Basin, a water body in the South Bay with exceptional water quality and a delicate and pristine ecosystem.

The SpaceX facility is located in Brownsville, Texas, a rapidly industrializing port-city within the Rio Grande Valley. Brownsville is a majority-Hispanic and disproportionately low-income community that has been historically subjected to environmental pollution from rapid industrialization. Brownsville is also home to members of the Carrizo/Comecrudo Tribe of Texas, which has contended with a pattern of government-authorized permits that authorize air, soil and water pollution around and on sacred Carrizo/Comecrudo sites throughout the Rio Grande Valley. It is in the context of this history of environmental discrimination against Hispanic and Carrizo/Comecrudo communities that SpaceX seeks authorization to discharge polluted effluent into the South Bay—authorization SpaceX seeks only after repeatedly violating state and federal law, and placing communities, sacred indigenous sites and wildlife habitats at risk.

Failure to ensure meaningful public participation risks violating the Clean Water Act and Title VI of the Civil Rights Act. The Clean Water Act ("CWA") requires that public participation be provided for, encouraged and assisted by States administering a NPDES program.¹ Even more, agencies that receive federal funding, like TCEQ, must also take all reasonable steps to provide meaningful public participation pursuant to Title VI of the Civil Rights Act.² In an

¹ 33 U.S.C. 1251(e); *See also* 40 C.F.R. § 25.4(b)(1) ("Providing information to the public is a necessary prerequisite to meaningful, active public involvement.").

² Title VI of the Civil Rights Act of 1964, 42 U.S.C. § 2000d *et seq.*

administrative decision remedying prior deficiencies in TCEQ's public participation process for environmental permitting, the EPA noted:

"TCEQ is obligated to provide meaningful access for persons with LEP [limited English Proficiency] in the affected communities consistent with [] Title VI, including to vital documents and notices of public meetings and other vital information about the [] Permit [] as well as a meaningful opportunity to participate during public meetings. Providing meaningful access for persons with LEP includes, but is not limited to, offering interpretations and translation services by qualified professionals provided by TCEQ at no cost to participants."³

TCEQ itself has recognized the importance of taking steps necessary to include all communities in major agency decisions. In its most recent Public Participation Plan, TCEQ noted that it "strives to address environmental concerns for all Texans, including low-income and minority communities across the state, so that all Texans can fully participate in decision-making processes and enjoy the benefits of TCEQ's environmental programs."⁴ Even more, TCEQ acknowledged "that communities are unique. TCEQ aims to work with communities to better ensure access to decision-making processes and a healthy environment in which to live, learn, and work."⁵

Thus, TCEQ must continue to take reasonable steps to continue to promote meaningful access to public participation in TCEQ's permitting decisions for all communities. We respectfully request that TCEQ address the following deficiencies in public participation and extend the public comment period to November 17th, or 30-days after the deficiencies are remedied, whichever date is later.

A. TCEQ Must Provide Critical Permit Information to Allow the Public to Meaningfully Participate in Public Comment.

There is significant information that relates to SpaceX's current permit and its related operations in the area that was not included in the materials provided to the public. The Clean Water Act requires agencies to provide the public with all critical permit information that allows the public to fully inform itself and submit meaningful comments, and failure to do so may result in a violation of public participation rights.⁶ Even more, EPA's CWA Regulations require agencies to engage in the "timely distribution of information" prior to public consultation and an agency's final decision.⁷

³ EPA, Office of External Civil Rights Compliance, Administrative closure without prejudice, EPA Complaint Nos: 05RNO-22-R6, 06RNO-22-R6 (January 2, 2024), available at 05RNO-22-R6, 06RNO-22-R6.

⁴ TCEQ, Public Participation Plan (June 14, 2021) at 9.

⁵ *Id.*

⁶ See 40 C.F.R. §25.4(b)(2) ("Each agency shall provide the public with continuing policy, program, and technical information and assistance beginning at the earliest practicable time. Informational materials shall highlight significant issues that will be the subject of decision-making.[]"); See also EPA Model Plan at 16 ("Make information available in a timely manner.").

⁷ 40 C.F.R. §25.4(b)(2).

Notably, TCEQ did not provide a copy of the draft permit or any evidence of the permit's compliance with TCEQ antidegradation standards. The application package is not a substitute for the final conditions and agency determinations that ensure compliance with state water quality requirements. It is crucial for TCEQ to ensure that every TPDES permit complies with its antidegradation standards,⁸ and provide the public a meaningful opportunity to check TCEQ's analysis. TCEQ bears the burden of demonstrating that its proposed permit both protects existing uses (Tier 1), and in a distinct analysis, that it does not cause degradation—i.e. lowering of water quality by more than a de minimis extent—of the receiving water (Tier 2).⁹ And because the discharge is adjacent to, and directly threatens Boca Chica State Park and the Lower Rio Grande Valley Wildlife Refuge, TCEQ must also perform Tier 3 antidegradation analysis, which requires that the “quality of outstanding national resource waters must be maintained and protected.”¹⁰

TCEQ must also provide copies of any informal and formal enforcement actions against SpaceX in relation to its space launch activities in Brownsville. Notably, on September 10, 2024, the EPA entered an Administrative Consent Order with SpaceX for numerous instances of discharging without a TPDES permit.¹¹ Even more, TCEQ entered an Agreed Order with SpaceX on August 30, 2024. This information bears directly to SpaceX's current permit application. Indeed, SpaceX notes in its application that “it is working closely with the TCEQ and the US EPA to obtain additional expedited permit coverage [in] order to comply with the terms of an Administrative Order.”¹² Because affected persons can seek a contested case hearing for a proposed permit on the basis of a history of noncompliance, failure to provide this administrative history denies the public this vital procedural right.

In addition, TCEQ failed to provide “the expected output of the proposed plant or facility” as required by 30 Tex. Admin. Code §39. While it is noted that “[w]astewater will be treated by reusing deluge and pretreatment required,” the quantity of wastewater expected per day, or even per launch operation, and the quantity of wastewater that will undergo pretreatment prior to discharge is not specified.¹³ Even more, the permit application does not appear to contain any restrictions on daily maximum flow amounts.¹⁴ SpaceX is anticipating 25 launches per year at this location, and given the facilities repeated disregard for state and federal law, TCEQ must assure the public that this TPDES permit, as written, will withhold SpaceX from exceeding “non-major” facility requirements. Without this information, the public cannot make a fully informed comment.

⁸ 30 Tex. Admin. Code § 307.5; TCEQ, Implementation Standards at 55 (2010) (“The antidegradation policy applies to actions regulated under state and federal authority that would increase pollution of water in the state. The antidegradation implementation procedures in this document apply to any increase in pollution authorized by TPDES wastewater discharge permits or by other state and federal permitting and regulatory activities.”).

⁹ 30 Tex. Admin. Code § 307.5(b)(1)-(2). The wastewater discharge would impact Segment 2301, a tidal stream classified as Aquatic Life Use, Contact Recreation Use, General Use, Fish Consumption Use. TCEQ, 2002 Texas Water Quality Inventory.

¹⁰ *Id.* at (b)(3).

¹¹ Available at Environmental Compliance History Online, Civil Enforcement Case Summary, Case #06-2024-1768, https://echo.epa.gov/enforcement-case-report?activity_id=3604100252.

¹² SpaceX Permit Application Package at 68.

¹³ *Id.* at 50.

¹⁴ *Id.* at 64 (SpaceX Industrial Wastewater Permit Application Technical Report 1.0); PERMIT CONDITION.

Additionally, SpaceX has several other pending or active CWA permits in the nearby vicinity that relate to its rocket launch sites that the public should be informed about.¹⁵ It is a common practice for would be “major” permitted facilities to avoid stricter pollution standards by dividing their facilities into separate “minor” permits. TCEQ must provide an adequate description of SpaceX’s other TPDES permits, both current and proposed, and confirm to the public that this is not the case at hand.

B. TCEQ Must Provide Reasonable Access to Information and Translation Services.

TCEQ must provide adequate access to the permit application materials and draft permit at locations the affected community can reasonably access. While we appreciate that TCEQ provided the application package online and at a public location, these materials are located over 30 miles from the SpaceX facility, and over 20 miles from the Main Branch of the Brownsville Library. Environmental justice communities often face a barrier to information due to systemic digital divides and reduced access to reliable transportation. Individuals in Brownsville impacted by the proposed permit do not have the same access to transportation that would allow them to reach Port Isabel, nor do they have equitable electronic access that would enable them to view the permit materials online. Without reasonable access to permit information, the public cannot meaningfully participate in the public comment process.

We also urge TCEQ to ensure that all information provided is up-to-date and easily understood by the public. TCEQ should take all reasonable measures to ensure an accessible public meeting that accommodates the unique characteristics of the Rio Grande Valley. We appreciate that TCEQ and SpaceX are providing Spanish interpreters at the October 17, 2024 public meeting. However, these interpreters must be available to answer all questions and explain the details of the permit application and draft permit to anyone who requires additional explanations before or after the public meeting presentation. While TCEQ is not required to translate every page of the draft permit and application materials to Spanish, reasonable steps should be taken at the public meeting to ensure that Spanish-speaking individuals have a meaningful opportunity to understand the materials.

We also note that the TCEQ contact phone number provided in TCEQ’s July 8, 2024 Notice of Intent and its September 5, 2024 Notice of Public meeting is not functional. We urge TCEQ to ensure that there are accessible agency contacts that the public can reach should they have questions about information in the proposed, with up-to-date contact information provided in public notices. An extension of the public comment deadline can remedy this deficiency. This would not only allow the public more time to access the permitting information and the related administrative enforcement against SpaceX, but also provide the public with the actual opportunity to reach out to agency contacts that can answer questions and provide information that allows for informed commenting.

¹⁵ Based on EPA’s Environmental and Compliance History Online (ECHO) database, SpaceX’s Brownsville space launch and corollary facilities have two proposed Non-Major TPDES Wastewater permits that discharge into the South Bay (TX146251 and TX0141607, and TXU009110), and two operating Non-Major Industrial Stormwater Permits (TXR05GD61 and TXR05GD28) that flow into the South Bay.

Thank you for providing this opportunity for public comment. Please let us know if we can provide any additional information to assist TCEQ in addressing these serious concerns.

Sincerely,

/s/ Paola Camacho
Paola Camacho
Attorney at Law
Texas RioGrande Legal Aid
TX State Bar No. 24138957
Tel: (915) 585-5118
Fax: (915) 544-3789
E-mail: pcamacho@trla.org

21

TCEQ Registration Form

October 17, 2024

Space Exploration Technologies Corp.
Proposed TPDES Permit No. WQ0005462000

PLEASE PRINT

Name: Modeline Camero

Mailing Address: 32986 Shore 24 Rd Los Fresnos Tx 78566

Physical Address (if different): _____

City/State: Los Fresnos Tx Zip: 78566

This information is subject to public disclosure under the Texas Public Information Act

Email: ladymodeline02@gmail.com

Phone Number: (956) 408-4451

• Are you here today representing a municipality, legislator, agency, or group? ☐ Yes ☐ No

If yes, which one? _____

☐ Please add me to the mailing list.

☒ I wish to provide formal *ORAL COMMENTS* at tonight's public meeting.

☒ I wish to provide formal *WRITTEN COMMENTS* at tonight's public meeting.

(Written comments may be submitted at any time during the meeting)

Please give this form to the person at the information table. Thank you.

Many people believe to make something special ,you just have to believe that it is. However, there are certain things in this world that inherently have a divine quality- a gift to the world. South Bay is special; so special in fact it was named the first Texas Coastal Preserve in 1984. Nearly 40 years of preserving this rich and fragile ecosystem only to destroy it in a matter of years.

Hello, My name is Madeline Camero. I am a student at Utrgv, German club president, and a student leader for Texas Rising UTRGV Brownsville chapter, an organization that focuses on empowering young people of color to fight for their communities. With my previous statement in mind, it is very logical to agree that I am a very active member of the community and find much happiness in enriching my small corner of the world from multiple angles. (change tone of speech)

Today we are here to talk about SpaceX receiving permits to dump treated wastewater into the South Bay. For those of you who may not be informed on where south bay is or how it nourishes Brownsville please allow me to enlighten you. The South Bay is the southernmost end of Laguna Madre: it is a richly productive nursery for fish, shellfish, crustaceans, and birds. These organisms are helpless in their first stages of life and depend on caring people to respect and protect their habitat. Wildlife officers and non-profits have worked tirelessly, for multiple years, to protect these habitats. What a shame and waste to allow their efforts to be drowned by SpaceX. SpaceX, a company whose founder, when asked, "why Brownsville?" simply replied with "There's nothing there." Nothing is there. As if to say our city is nothing, to say our citizens are no one, and our culture has no impact.

As I was writing this testimony I realized how much of a deep connection I have to Boca Chica beach, South Padre Island, and it's surrounding area. It is the first ocean I laid my eyes upon. It is where I got my first job. It is the location of the earliest memory I have with my mom. Nothing is more satisfying than the reassurance of having a beautiful beach waiting for me every summer. I believe I speak on behalf of Brownsville when I say we love our beaches and plan to cherish them for many generations. Loving anything is easy. The difficult part comes in when deciding to protect what we love and how far we'll go. I believe the people sitting before me care for Brownsville and acknowledge the common feelings we share for our beaches. Beaches that will be destroyed by SpaceX depending on the outcome of today.

In 2016 OSHA required companies to give annual incident reports. A report SpaceX has only given ONCE for the Brownsville location, since implemented. During an investigation SpaceX was found to have a 5.9 average injury rate. Six times higher than the space industry's average of 0.8.

Many injuries were serious or disabling. The records included reports of more than 100 workers suffering cuts or lacerations, 29 with broken bones or dislocations, 17 whose hands or fingers were "crushed," and nine with head injuries, including one skull fracture, four concussions and one traumatic brain injury. The cases also included five burns, five electrocutions, eight accidents that led to amputations, 12 injuries involving multiple unspecified body parts, and seven workers with eye injuries.

SpaceX disregarded every incident by placing the individuals at fault. When an article came out about SpaceX breaking Texas' clean water act they didn't state an apology to the community or give donations to wildlife efforts- they decided to sue CNBC.

If the pollution to wildlife or personal attachments doesn't seem profitable enough to stop the destruction of south bay let's discuss jobs. As I said before, the South Bay is a nursery. This means this is the first step for allowing the fishing community to flourish. We have a large number of jobs that rely on the health and productivity of our nurseries. We need to focus on

RECEIVED

OCT 17 2024

PUBLIC MEETING

jobs that our community rely on. We shouldn't sacrifice our resources and community jobs for a company that outsources the majority of their non-labor intensive positions.

SpaceX is a reckless company that disregards human life as well as state and federal regulations. If SpaceX can't even protect their own employees- what makes you think they care about our tourism revenue, fishing revenue, wildlife conservation efforts, or the citizens of surrounding areas.

If you allow SpaceX to obtain these permits, one day you, your family, your friends, or your community will wish something was done to protect our wildlife.. I implore you to refuse SpaceX these permits until they start respecting our community and wildlife.

If the pollution to wildlife or personal attachments doesn't seem profitable enough to stop the destruction of south bay let's discuss jobs. As I said before, the South Bay is a nursery. This means this is the first step for allowing the fishing community to flourish. We have a large number of jobs that rely on the health and productivity of our nurseries. We need to focus on jobs that our community rely on. We shouldn't sacrifice our resources and community jobs for a company that outsources the majority of their non-labor intensive positions.

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Monday, October 21, 2024 11:23 AM
To: PUBCOMMENT-WQ; PUBCOMMENT-ELD; PUBCOMMENT-OCC2; PUBCOMMENT-OPIC
Subject: FW: Public comment on Permit Number WQ0005462000

From: alejandro.cantu10@utrgv.edu <alejandro.cantu10@utrgv.edu>
Sent: Thursday, October 17, 2024 3:20 PM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER:

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: Alejandro Cantu

EMAIL: alejandro.cantu10@utrgv.edu

COMPANY:

ADDRESS: 1918 HORSETAIL FLS #3
EDINBURG TX 78539-2309

PHONE: 9562525716

FAX:

COMMENTS: I am opposed to the issuance of the following permits for SpaceX LLC: WQ0005462000. The SpaceX launch pad and Starbase facility emit unacceptable pollutants that threaten Brownsville and Rio Grande Valley residents' health and well-being. Water pollutants also damage the sensitive wetland, salt marsh, and mudflat ecosystems of South Bay, Lower Rio Grande Valley Wildlife Refuge, and Boca Chica Beach, are home to numerous endangered and threatened species, especially migratory birds. As

a member of the surrounding community, I am directly impacted by SpaceX's wastewater pollution and activities. I request that TCEQ provide sufficient Spanish language interpretation and translation services at the hearing on October 17 to ensure that all participants' questions are answered. In addition, TCEQ and SpaceX staff must consult with the Carrizo/Comecrudo Tribe of Texas, the original Native people of this region, about this permit application and all SpaceX activities at the Boca Chica Beach site. Apart from the mentioned problems, TCEQ has to understand and be realistic about the environmental damage that this will cause in the future. If this permit gets approved, do we really think that SpaceX will try to stop there? What will be next on their agenda to cut waste management or any other kind of logistics? SpaceX is a multibillion-dollar corporation and the fact that they want to throw polluted water shows the greed that is being machinated here, as well as there have been reports of SpaceX disposing of waste IMPROPERLY with NO permit. The way I see things is that this all points in a direction where SpaceX will do whatever they want and the corporation will wash their hands behind these permits. Another thing to consider is the lack of consideration of the corporation for the environment and the people, they know that what they are doing is wrong and they would not drink and or consume water polluted by their waste, so why would it be okay for them to dispose of it this way then? Just because it doesn't affect their reality doesn't mean that is less important. SpaceX is greedy and lazy with their waste management, with the current technology it is possible to do all this in an environmentally friendly way, however, Elon prefers not to.

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Monday, October 21, 2024 11:23 AM
To: PUBCOMMENT-WQ; PUBCOMMENT-ELD; PUBCOMMENT-OCC2; PUBCOMMENT-OPIC
Subject: FW: Public comment on Permit Number WQ0005462000

From: alejandro.cantu10@utrgv.edu <alejandro.cantu10@utrgv.edu>
Sent: Thursday, October 17, 2024 3:21 PM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER: 2024-1282-IWD-E

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: Alejandro Cantu

EMAIL: alejandro.cantu10@utrgv.edu

COMPANY:

ADDRESS: 1918 HORSETAIL FLS #3
EDINBURG TX 78539-2309

PHONE: 9562525716

FAX:

COMMENTS: I am opposed to the issuance of the following permits for SpaceX LLC: WQ0005462000. The SpaceX launch pad and Starbase facility emit unacceptable pollutants that threaten Brownsville and Rio Grande Valley residents' health and well-being. Water pollutants also damage the sensitive wetland, salt marsh, and mudflat ecosystems of South Bay, Lower Rio Grande Valley Wildlife Refuge, and Boca Chica Beach, are home to numerous endangered and threatened species, especially migratory birds. As

a member of the surrounding community, I am directly impacted by SpaceX's wastewater pollution and activities. I request that TCEQ provide sufficient Spanish language interpretation and translation services at the hearing on October 17 to ensure that all participants' questions are answered. In addition, TCEQ and SpaceX staff must consult with the Carrizo/Comecrudo Tribe of Texas, the original Native people of this region, about this permit application and all SpaceX activities at the Boca Chica Beach site. Apart from the mentioned problems, TCEQ has to understand and be realistic about the environmental damage that this will cause in the future. If this permit gets approved, do we really think that SpaceX will try to stop there? What will be next on their agenda to cut waste management or any other kind of logistics? SpaceX is a multibillion-dollar corporation and the fact that they want to throw polluted water shows the greed that is being machinated here, as well as there have been reports of SpaceX disposing of waste IMPROPERLY with NO permit. The way I see things is that this all points in a direction where SpaceX will do whatever they want and the corporation will wash their hands behind these permits. Another thing to consider is the lack of consideration of the corporation for the environment and the people, they know that what they are doing is wrong and they would not drink and or consume water polluted by their waste, so why would it be okay for them to dispose of it this way then? Just because it doesn't affect their reality doesn't mean that is less important. SpaceX is greedy and lazy with their waste management, with the current technology it is possible to do all this in an environmentally friendly way, however, Elon prefers not to.

11

TCEQ Registration Form

October 17, 2024

Space Exploration Technologies Corp.
Proposed TPDES Permit No. WQ0005462000

PLEASE PRINT

Name: Alejandro Cantu

Mailing Address: 2428 Horsetail Falls #3

Physical Address (if different): _____

City/State: Edinburg Texas Zip: 78539

This information is subject to public disclosure under the Texas Public Information Act

Email: Alejandro.Cantu20@utrgv.com

Phone Number: (956) 252 9716

- Are you here today representing a municipality, legislator, agency, or group? ☐ Yes ☒ No

If yes, which one? _____

☒ Please add me to the mailing list.

☒ I wish to provide formal *ORAL COMMENTS* at tonight's public meeting.

☒ I wish to provide formal *WRITTEN COMMENTS* at tonight's public meeting.

(Written comments may be submitted at any time during the meeting)

Please give this form to the person at the information table. Thank you.

TCEQ Registration Form

October 17, 2024

Space Exploration Technologies Corp.
Proposed TPDES Permit No. WQ0005462000

PLEASE PRINT

Name: Alexandra Cantó

Mailing Address: 305 N Montevideo ave apt 7

Physical Address (if different): _____

City/State: Edinburg, TX Zip: 78541

This information is subject to public disclosure under the Texas Public Information Act

Email: alecantubx@gmail.com

Phone Number: (956) 378-2249

- Are you here today representing a municipality, legislator, agency, or group? ☐ Yes ☐ No

If yes, which one? _____

☒ Please add me to the mailing list.

☒ I wish to provide formal *ORAL COMMENTS* at tonight's public meeting.

☒ I wish to provide formal *WRITTEN COMMENTS* at tonight's public meeting.

(Written comments may be submitted at any time during the meeting)

Please give this form to the person at the information table. Thank you.

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Monday, October 21, 2024 11:21 AM
To: PUBCOMMENT-WQ; PUBCOMMENT-ELD; PUBCOMMENT-OCC2; PUBCOMMENT-OPIC
Subject: FW: Public comment on Permit Number WQ0005462000

From: alexandra.cantu05@utrgv.edu <alexandra.cantu05@utrgv.edu>
Sent: Thursday, October 17, 2024 2:51 PM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER:

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: Alexandra Cantu

EMAIL: alexandra.cantu05@utrgv.edu

COMPANY: THE UNIVERSITY OF TEXAS RIO GRANDE VALLEY

ADDRESS: 305 N MONTEVIDEO AVE Apt 7
EDINBURG TX 78541-2864

PHONE: 9563782249

FAX:

COMMENTS: I am opposed to the issuance of the following permits for SpaceX LLC: WQ0005462000 The SpaceX launch pad and Starbase facility emit unacceptable levels of pollutants that threaten Brownsville and Rio Grande Valley residents' health and well-being. Water pollutants also damage the sensitive wetland, salt marsh, and mudflat ecosystems of South Bay, Lower Rio Grande Valley Wildlife Refuge, and Boca Chica Beach, home to numerous endangered and threatened species, especially migratory

birds. As a member of the surrounding community, I am directly impacted by SpaceX's wastewater pollution and activities. I request that TCEQ provide sufficient Spanish language interpretation and translation services at the hearing on October 17 to ensure that all participants' questions are answered. In addition, TCEQ and SpaceX staff must consult with the Carrizo/Comecrudo Tribe of Texas, the original Native people of this region, about this permit application and all SpaceX activities at the Boca Chica Beach site.

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Monday, October 21, 2024 11:22 AM
To: PUBCOMMENT-WQ; PUBCOMMENT-ELD; PUBCOMMENT-OCC2; PUBCOMMENT-OPIC
Subject: FW: Public comment on Permit Number WQ0005462000

From: alexandra.cantu05@utrgv.edu <alexandra.cantu05@utrgv.edu>
Sent: Thursday, October 17, 2024 3:01 PM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER: 2024-1282-IWD-E

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: Alexandra Cantu

EMAIL: alexandra.cantu05@utrgv.edu

COMPANY: THE UNIVERSITY OF TEXAS RIO GRANDE VALLEY

ADDRESS: 305 N MONTEVIDEO AVE apt 7
EDINBURG TX 78541-2864

PHONE: 9563782249

FAX:

COMMENTS: I am opposed to the issuance of the following permits for SpaceX LLC: WQ0005462000 The SpaceX launch pad and Starbase facility emit unacceptable levels of pollutants that threaten Brownsville and Rio Grande Valley residents' health and well-being. Water pollutants also damage the sensitive wetland, salt marsh, and mudflat ecosystems of South Bay, Lower Rio Grande Valley Wildlife Refuge, and Boca Chica Beach, home to numerous endangered and threatened species, especially migratory

birds. As a member of the surrounding community, I am directly impacted by SpaceX's wastewater pollution and activities. I request that TCEQ provide sufficient Spanish language interpretation and translation services at the hearing on October 17 to ensure that all participants' questions are answered. In addition, TCEQ and SpaceX staff must consult with the Carrizo/Comecrudo Tribe of Texas, the original Native people of this region, about this permit application and all SpaceX activities at the Boca Chica Beach site.

Vincent Redondo

From: PUBCOMMENT-OCC
Sent: Wednesday, October 30, 2024 11:20 AM
To: PUBCOMMENT-OCC2; PUBCOMMENT-OPIC; PUBCOMMENT-ELD; PUBCOMMENT-WQ
Subject: FW: Public comment on Permit Number WQ0005462000

Jesús Bárcena
Office of the Chief Clerk
Texas Commission on Environmental Quality
Office Phone: 512-239-3319

How is our customer service? Fill out our online customer satisfaction survey at:
www.tceq.texas.gov/customersurvey

From: cathyrosecantu@gmail.com <cathyrosecantu@gmail.com>
Sent: Tuesday, October 29, 2024 9:05 PM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER:

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: Catherine Cantu

EMAIL: cathyrosecantu@gmail.com

COMPANY:

ADDRESS: 33 HONEY DR
BROWNSVILLE TX 78520-7818

PHONE: 9562438186

FAX:

COMMENTS: I am opposed to the issuance of the following permits for SpaceX LLC: WQ0005462000 The SpaceX launch pad and Starbase facility emit unacceptable levels of pollutants that threaten Brownsville and Rio Grande Valley residents' health and well-being. Water pollutants also damage the sensitive wetland, salt marsh, and mudflat ecosystems of South Bay, Lower Rio Grande Valley Wildlife Refuge, and Boca Chica Beach, home to numerous endangered and threatened species, especially migratory birds. As a member of the surrounding community, I am directly impacted by SpaceX's wastewater pollution and activities. I request that TCEQ provide sufficient Spanish language interpretation and translation services at the hearing on October 17 to ensure that all participants' questions are answered. In addition, TCEQ and SpaceX staff must consult with the Carrizo/Comecrudo Tribe of Texas, the original Native people of this region, about this permit application and all SpaceX activities at the Boca Chica Beach site. My community and I DO NOT APPROVE of this permit. This would effect the environment, and the wellbeing of my community and family in a very harmful way.

Vincent Redondo

From: PUBCOMMENT-OCC
Sent: Wednesday, October 30, 2024 11:19 AM
To: PUBCOMMENT-OCC2; PUBCOMMENT-OPIC; PUBCOMMENT-ELD; PUBCOMMENT-WQ
Subject: FW: Public comment on Permit Number WQ0005462000

Jesús Bárcena
Office of the Chief Clerk
Texas Commission on Environmental Quality
Office Phone: 512-239-3319

How is our customer service? Fill out our online customer satisfaction survey at:
www.tceq.texas.gov/customersurvey

From: evelynrosecantu@gmail.com <evelynrosecantu@gmail.com>
Sent: Monday, October 28, 2024 1:34 PM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER:

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: Evelyn Cantu

EMAIL: evelynrosecantu@gmail.com

COMPANY:

ADDRESS: 33 HONEY DR
BROWNSVILLE TX 78520-7818

PHONE: 9562431870

FAX:

COMMENTS: I am opposed to the issuance of the following permits for SpaceX LLC: WQ0005462000 The SpaceX launch pad and Starbase facility emit unacceptable levels of pollutants that threaten Brownsville and Rio Grande Valley residents' health and well-being. Water pollutants also damage the sensitive wetland, salt marsh, and mudflat ecosystems of South Bay, Lower Rio Grande Valley Wildlife Refuge, and Boca Chica Beach, home to numerous endangered and threatened species, especially migratory birds. As a member of the surrounding community, I am directly impacted by SpaceX's wastewater pollution and activities. I request that TCEQ provide sufficient Spanish language interpretation and translation services at the hearing on October 17 to ensure that all participants' questions are answered. In addition, TCEQ and SpaceX staff must consult with the Carrizo/Comecrudo Tribe of Texas, the original Native people of this region, about this permit application and all SpaceX activities at the Boca Chica Beach site. I am a local environmental science and biology student whose ancestry is rooted in the land and waterways of South Texas. It is absolutely horrible and completely unethical that there is even a possibility to acquire a permit like this. SpaceX is destroying the coastal ecosystems of South Texas and impacting our Earth and climate overall. My community and I DO NOT APPROVE of this permit. SpaceX has NO RIGHT to desecrate the sacred lands and waters that have nourished my community, my ancestors, and I for time immemorial and the present.

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Wednesday, October 16, 2024 5:25 PM
To: PUBCOMMENT-OCC2; PUBCOMMENT-OPIC; PUBCOMMENT-ELD; PUBCOMMENT-WQ
Subject: FW: Public comment on Permit Number WQ0005462000

Jesús Bárcena
Office of the Chief Clerk
Texas Commission on Environmental Quality
Office Phone: 512-239-3319

How is our customer service? Fill out our online customer satisfaction survey at:
www.tceq.texas.gov/customersurvey

From: airchompers@gmail.com <airchompers@gmail.com>
Sent: Wednesday, October 16, 2024 10:25 AM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER: 2024-1282-IWD-E

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: Tyler Carey

EMAIL: airchompers@gmail.com

COMPANY:

ADDRESS: 35 AMADOR VILLAGE CIR APT 33
HAYWARD CA 94544-1267

PHONE: 6122507870



FAX:

COMMENTS: Approve it! It's the right thing to do.

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Tuesday, October 15, 2024 5:04 PM
To: PUBCOMMENT-OCC2; PUBCOMMENT-OPIC; PUBCOMMENT-ELD; PUBCOMMENT-WQ
Subject: FW: Public comment on Permit Number WQ0005462000

Jesús Bárcena
Office of the Chief Clerk
Texas Commission on Environmental Quality
Office Phone: 512-239-3319

How is our customer service? Fill out our online customer satisfaction survey at:
www.tceq.texas.gov/customersurvey

From: Gerardo.casas84@gmail.com <Gerardo.casas84@gmail.com>
Sent: Tuesday, October 15, 2024 3:39 PM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER: 2024-1282-IWD-E

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: Gerardo Casas, JR

EMAIL: Gerardo.casas84@gmail.com

COMPANY:

ADDRESS: 216 WAFER ST
PASADENA TX 77506-2314

PHONE: 8324190703

FAX:

COMMENTS: If you're a human who enjoys life you know how important having a hobby is. Many men women and children enjoy fishing as a hobby. It's a hobby that allows you to enjoy nature at its fullest while also giving you a challenge. It is also a survival skill. Fishing can make everlasting memories with family and friends. Dumping that much wastewater into our bays would be un natural and will speed up the erosion around the area. There are many alternative to just dumping wastewater into our bays please take those options into consideration. With the help of our Mexican people any project is possible and we can set an example for the rest of the world. Evaporating waste water, storing in on site tanks, shipping to disposal facility (you can also build your own next to space x). Sand filters, constructed wetlands these area ways u can trestle waste water on site.

32

TCEQ Registration Form

October 17, 2024

Space Exploration Technologies Corp.
Proposed TPDES Permit No. WQ0005462000

PLEASE PRINT

Name: Diane Castro

Mailing Address: 2318 Spicewood Dr

Physical Address (if different): _____

City/State: Weslaco, TX Zip: 78596

This information is subject to public disclosure under the Texas Public Information Act

Email: beece.0425@gmail.com

Phone Number: (956) 442-6661

- Are you here today representing a municipality, legislator, agency, or group? ☐ Yes ☒ No

If yes, which one? _____

☒ Please add me to the mailing list.

☒ I wish to provide formal *ORAL COMMENTS* at tonight's public meeting.

☐ I wish to provide formal *WRITTEN COMMENTS* at tonight's public meeting.

(Written comments may be submitted at any time during the meeting)

Please give this form to the person at the information table. Thank you.

Vincent Redondo

From: PUBCOMMENT-OCC
Sent: Tuesday, October 29, 2024 2:29 PM
To: PUBCOMMENT-WQ; PUBCOMMENT-ELD; PUBCOMMENT-OCC2; PUBCOMMENT-OPIC
Subject: FW: Public comment on Permit Number WQ0005462000

From: delisandwich85@gmail.com <delisandwich85@gmail.com>
Sent: Monday, October 28, 2024 1:02 PM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER:

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: Delilah Cavazos

EMAIL: delisandwich85@gmail.com

COMPANY:

ADDRESS: 2302 MONTERREY ST
HIDALGO TX 78557-3567

PHONE: 9563585103

FAX:

COMMENTS: I want to comment that I am opposed to the issuance of the following permits for SpaceX LLC: WQ0005462000 SpaceX Launch Pad and Starbase facility threaten Brownsville and the Rio Grande Valley by emitting unacceptable levels of pollutants which harm our ecosystems. Ecosystems which are homes to endangered and threatened species. As a member of the surrounding community I am impacted by their wastewater pollution activities.

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Monday, July 29, 2024 3:34 PM
To: PUBCOMMENT-OCC2; PUBCOMMENT-OPIC; PUBCOMMENT-ELD; PUBCOMMENT-WQ
Subject: FW: Public comment on Permit Number WQ0005462000

PM

Jesús Bárcena
Office of the Chief Clerk
Texas Commission on Environmental Quality
Office Phone: 512-239-3319

How is our customer service? Fill out our online customer satisfaction survey at:
www.tceq.texas.gov/customersurvey

From: cvchaney@q.com <cvchaney@q.com>
Sent: Saturday, July 27, 2024 2:39 PM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER:

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: Charlotte A Chaney

EMAIL: cvchaney@q.com

COMPANY:

ADDRESS: 96 GOLF HOUSE RD
LAGUNA VISTA TX 78578-2662

PHONE: 2084125432

FAX:

COMMENTS: I am requesting that TCEQ hold a public meeting in Cameron County to address the issue of Space/X's application for a Water Quality permit #WQ0005462000, to discharge deluge water into the area near the launch pad. SpaceX operations continue to change in ways that are unregulated with no regard for the surrounding sensitive ecosystem. The application as written lacks very important information regarding the design of the containment ponds and actual quantities and qualities of the industrial wastewater discharges over time. A public meeting, where the true scope of the operation can be explained, is required so that impacts on local populations, ecosystem, and wildlife can be shared and understood.

19

TCEQ Registration Form

October 17, 2024

Space Exploration Technologies Corp.
Proposed TPDES Permit No. WQ0005462000

PLEASE PRINT

Name: Jim Chapman

Mailing Address: 200 E. 11th ST. Weslaco 78596

Physical Address (if different): _____

City/State: Weslaco Zip: _____

This information is subject to public disclosure under the Texas Public Information Act

Email: jchapmanrgv@gmail.com

Phone Number: (956) 571-0545

- Are you here today representing a municipality, legislator, agency, or group? ☐ Yes ☒ No

If yes, which one? _____

☐ Please add me to the mailing list.

☒ I wish to provide formal *ORAL COMMENTS* at tonight's public meeting.

☐ I wish to provide formal *WRITTEN COMMENTS* at tonight's public meeting.

(Written comments may be submitted at any time during the meeting)

Please give this form to the person at the information table. Thank you.

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Monday, October 21, 2024 11:19 AM
To: PUBCOMMENT-WQ; PUBCOMMENT-ELD; PUBCOMMENT-OCC2; PUBCOMMENT-OPIC
Subject: FW: Public comment on Permit Number WQ0005462000
Attachments: TCEQ Comments on SpaceX Deluge Permit No WQ0005462000.pdf

From: jchapmanrgv@gmail.com <jchapmanrgv@gmail.com>
Sent: Thursday, October 17, 2024 2:06 PM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER:

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: Jim Chapman

EMAIL: jchapmanrgv@gmail.com

COMPANY:

ADDRESS: 200 E 11TH ST
WESLACO TX 78596-7065

PHONE: 9565710545

FAX:

COMMENTS: See attachment for comments.

Comments to TCEQ by Jim Chapman on Permit No. WQ0005462000

Dear TCEQ Commissions,

Discharging industrial wastewater into the waters of the United States (WUS) is a violation of the Clean Water Act and the Texas Surface Water Quality Standards. Yet SpaceX has been doing this repeatedly for nearly 2 years, with no consequences.

Why did it take almost 18 months, multiple in-person complaints and at least seven formal written complaints for TCEQ to investigate and finally conclude that CWA violations were indeed occurring? These violations were not hidden, disguised or subtle. They were obvious and in plain sight. The TCEQ office in Harlingen was notified in-person of this in January of 2023. Yet it was over a year later before these violations were acknowledged.

While this is beyond TCEQ's authority, SpaceX's deluge water system should be part of a NEPA-required Environmental Impact Statement on the entire Starship/Super Heavy program. The environmental impacts of the Starship program have never been thoroughly and objectively evaluated, let alone mitigated. The 2014 EIS was predicated on 4 to 6 Falcon rocket launches a year, a far cry from what is happening now.

SpaceX belatedly filed an industrial wastewater permit application on July 1, 2024. There is no permit at the present time, yet TCEQ is allowing use of the deluge system (and ongoing CWA violations) to continue. Why? The application for a permit does not make a CWA violation something other than a CWA violation.

The deluge discharge water is extremely hot and because of ablation includes metals such as copper, zinc, nickel, mercury, thallium and hexavalent chromium, a known carcinogen. Most of these contaminants will end up in the tidal flat sediments, so while one discharge may not contain harmful levels, what will be the cumulative effects on tidal flat organisms and everything that feeds on them, after repeated discharges? Endangered and listed species may be affected. This has not been analyzed and protective measures need to be part of the permit, as does a better characterization of the discharge outfalls.

I am not opposed to the use of a deluge water system. But I am concerned that SpaceX has knowingly violated the CWA on multiple occasions, even for months after being told by EPA in March that a specific industrial wastewater permit was necessary.

When the final permit is issued, it must ensure that all the deluge water be contained on the launch site until the temperature is safe for aquatic and other organisms, and until water testing ensures that there are no harmful levels of metals or other rocket engine pollutants. The pollutant analysis needs to be done immediately or within an hour of every deluge discharge occurrence, and periodic sediment analysis needs to be required as well. Until these terms and conditions are laid out and made enforceable, the final permit

should not be issued and no deluge water should be allowed to flow into tidal flats (WUS) in the interim. T

TCEQ's job is to protect our environment and natural resources, not to bend over backwards for industry. No matter how powerful and politically connected that industry is.

Thank you for this opportunity to comment on this important issue. Please make these comments part of the public record.

Jim Chapman
200 E. 11th St.
Weslaco, Tx 78596
October 17, 2024

10

TCEQ Registration Form

October 17, 2024

Space Exploration Technologies Corp.
Proposed TPDES Permit No. WQ0005462000

PLEASE PRINT

Name: Ernest Cisneros

Mailing Address: 1086 Grey Fox Cr

Physical Address (if different): _____

City/State: Brownsville Texas Zip: 78520

This information is subject to public disclosure under the Texas Public Information Act

Email: ernestredfish@gmail.com

Phone Number: (956) 266-6454

- Are you here today representing a municipality, legislator, agency, or group? ☐ Yes ☒ No

If yes, which one? _____

☐ Please add me to the mailing list.

☒ I wish to provide formal *ORAL COMMENTS* at tonight's public meeting.

☐ I wish to provide formal *WRITTEN COMMENTS* at tonight's public meeting.

(Written comments may be submitted at any time during the meeting)

Please give this form to the person at the information table. Thank you.

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Monday, October 14, 2024 9:06 AM
To: PUBCOMMENT-WQ; PUBCOMMENT-ELD; PUBCOMMENT-OCC2; PUBCOMMENT-OPIC
Subject: FW: Public comment on Permit Number WQ0005462000

From: pecinan14@gmail.com <pecinan14@gmail.com>
Sent: Sunday, October 13, 2024 10:45 AM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER:

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: Nancy Cisneros

EMAIL: pecinan14@gmail.com

COMPANY:

ADDRESS: 102 CENTERLINE
BAYVIEW TX 78566-5104

PHONE: 9565726133

FAX:

COMMENTS: I do not agree with this at all!

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Tuesday, October 15, 2024 5:00 PM
To: PUBCOMMENT-OCC2; PUBCOMMENT-OPIC; PUBCOMMENT-ELD; PUBCOMMENT-WQ
Subject: FW: Public comment on Permit Number WQ0005462000

Jesús Bárcena
Office of the Chief Clerk
Texas Commission on Environmental Quality
Office Phone: 512-239-3319

How is our customer service? Fill out our online customer satisfaction survey at:
www.tceq.texas.gov/customersurvey

From: Npcisneros129@gmail.com <Npcisneros129@gmail.com>
Sent: Tuesday, October 15, 2024 11:45 AM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER: 2024-1282-IWD-E

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: MS Norma Cisneros

EMAIL: Npcisneros129@gmail.com

COMPANY:

ADDRESS: 7215 RAIN FOREST DR
BROWNSVILLE TX 78520-4173

PHONE: 9564665776

FAX:

COMMENTS: I strongly oppose granting Space X this permit. We are being asked to sell a priceless commodity to benefit this company. South Bay and Boca Chica beach must be protected.

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Tuesday, October 15, 2024 5:00 PM
To: PUBCOMMENT-OCC2; PUBCOMMENT-OPIC; PUBCOMMENT-ELD; PUBCOMMENT-WQ
Subject: FW: Public comment on Permit Number WQ0005462000

Jesús Bárcena
Office of the Chief Clerk
Texas Commission on Environmental Quality
Office Phone: 512-239-3319

How is our customer service? Fill out our online customer satisfaction survey at:
www.tceq.texas.gov/customersurvey

From: Cacisneros03@gmail.com <Cacisneros03@gmail.com>
Sent: Tuesday, October 15, 2024 11:56 AM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER: 2024-1282-IWD-E

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: MR Carlos Alberto Cisneros, II

EMAIL: Cacisneros03@gmail.com

COMPANY: N/A

ADDRESS: 3965 AUDREY
BROWNSVILLE TX 78526-4403

PHONE: 9563728737

FAX:

COMMENTS: This is a horrible proposition. Boca Chica Beach is home away from home for the locals of Brownsville. Not only will this impact the waters that we take pur children to swim in but it will also have negative effects on the natural habitats in the bay. There is not one single benefit for the locals, please consider how this will damage our beautiful boca choca beach.

From: PUBCOMMENT-OCC
To: PUBCOMMENT-OCC2; PUBCOMMENT-OPIC; PUBCOMMENT-ELD; PUBCOMMENT-WO
Subject: FW: Public comment on Permit Number WQ0005462000
Date: Tuesday, October 8, 2024 2:00:31 PM

Jesús Bárcena
Office of the Chief Clerk
Texas Commission on Environmental Quality
Office Phone: 512-239-3319

How is our customer service? Fill out our online customer satisfaction survey at:
www.tceq.texas.gov/customersurvey

From: bugmold0@gmail.com <bugmold0@gmail.com>
Sent: Monday, October 7, 2024 8:27 AM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER:

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: Judaea Evelyn Clark

EMAIL: bugmold0@gmail.com

COMPANY:

ADDRESS: 27575 BASS BLVD
HARLINGEN TX 78552-2162

PHONE: 2107927065

FAX:

COMMENTS: SPACEX dumped pollutants ILLEGALLY. What is their punishment? How can they apply for a permit when they already broke the [REDACTED] law? [REDACTED] SPACEX
PROTECT THE RIO GRANDE VALLEY AND OUR PEOPLE

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Tuesday, October 8, 2024 1:56 PM
To: PUBCOMMENT-OCC2; PUBCOMMENT-OPIC; PUBCOMMENT-ELD; PUBCOMMENT-WQ
Subject: FW: Public comment on Permit Number WQ0005462000

Jesús Bárcena
Office of the Chief Clerk
Texas Commission on Environmental Quality
Office Phone: 512-239-3319

How is our customer service? Fill out our online customer satisfaction survey at:
www.tceq.texas.gov/customersurvey

From: bugmold0@gmail.com <bugmold0@gmail.com>
Sent: Monday, October 7, 2024 8:28 AM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER: 2024-1282-IWD-E

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: Judaea Evelyn Clark

EMAIL: bugmold0@gmail.com

COMPANY:

ADDRESS: 27575 BASS BLVD
HARLINGEN TX 78552-2162

PHONE: 2107927065

FAX:

COMMENTS: PROTECT RIO GRANDE VALLEY WILDLIFE AND PEOPLE

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Monday, October 21, 2024 11:56 AM
To: PUBCOMMENT-WQ; PUBCOMMENT-ELD; PUBCOMMENT-OCC2; PUBCOMMENT-OPIC
Subject: FW: Public comment on Permit Number WQ0005462000

From: nicole-cl@comcast.net <nicole-cl@comcast.net>
Sent: Thursday, October 17, 2024 7:51 PM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER: 2024-1282-IWD-E

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: Nicole Cloutier

EMAIL: nicole-cl@comcast.net

COMPANY:

ADDRESS: 4331 STAGHORN LN
FRIENDSWOOD TX 77546-3683

PHONE: 2819893958

FAX:

COMMENTS: I am opposed to the issuance of the following permits for SpaceX LLC: WQ0005462000. The SpaceX launch pad and Starbase facility emit unacceptable levels of pollutants that impact the health of the surrounding community as well as release water pollutants that damage unique and sensitive wetland, salt marsh, and mudflat ecosystems of South Bay, Lower Rio Grande Valley Wildlife Refuge, and Boca Chica Beach, home to 12 endangered and threatened species at risk of extinction

including the North aplomado falcon, Gulf Coast jagarundi, ocelots, Hawksbill sea turtles, Kemp's Ridley sea turtles, and Leatherback sea turtles. As someone who has traveled to Boca Chica Beach and Laguna Atascosa National Wildlife Refuge to enjoy our Texas lands and the iconic wildlife that reside there, I oppose the issuance of these permits that will further impact these imperiled species. In addition, TCEQ and SpaceX staff must consult with the Carrizo/Comecrudo Tribe of Texas, the original Native people of this region, about this permit application and all SpaceX activities at the Boca Chica Beach site.

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Monday, October 21, 2024 1:15 PM
To: PUBCOMMENT-WQ; PUBCOMMENT-ELD; PUBCOMMENT-OCC2; PUBCOMMENT-OPIC
Subject: FW: Public comment on Permit Number WQ0005462000

From: nicole-cl@comcast.net <nicole-cl@comcast.net>
Sent: Thursday, October 17, 2024 7:50 PM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER:

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: Nicole Cloutier

EMAIL: nicole-cl@comcast.net

COMPANY:

ADDRESS: 4331 STAGHORN LN
FRIENDSWOOD TX 77546-3683

PHONE: 2819893958

FAX:

COMMENTS: I am opposed to the issuance of the following permits for SpaceX LLC: WQ0005462000. The SpaceX launch pad and Starbase facility emit unacceptable levels of pollutants that impact the health of the surrounding community as well as release water pollutants that damage unique and sensitive wetland, salt marsh, and mudflat ecosystems of South Bay, Lower Rio Grande Valley Wildlife Refuge, and Boca Chica Beach, home to 12 endangered and threatened species at risk of extinction

including the North aplomado falcon, Gulf Coast jagarundi, ocelots, Hawksbill sea turtles, Kemp's Ridley sea turtles, and Leatherback sea turtles. As someone who has traveled to Boca Chica Beach and Laguna Atascosa National Wildlife Refuge to enjoy our Texas lands and the iconic wildlife that reside there, I oppose the issuance of these permits that will further impact these imperiled species. In addition, TCEQ and SpaceX staff must consult with the Carrizo/Comecrudo Tribe of Texas, the original Native people of this region, about this permit application and all SpaceX activities at the Boca Chica Beach site. a

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Monday, October 21, 2024 10:08 AM
To: PUBCOMMENT-WQ; PUBCOMMENT-ELD; PUBCOMMENT-OCC2; PUBCOMMENT-OPIC
Subject: FW: Public comment on Permit Number WQ0005462000

From: summersmith10696@aol.com <summersmith10696@aol.com>
Sent: Thursday, October 17, 2024 11:58 AM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER: 2024-1282-IWD-E

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: Summer Cole

EMAIL: summersmith10696@aol.com

COMPANY:

ADDRESS: 1215 BLUEBONNET DR
BROWNSVILLE TX 78521-1520

PHONE: 8178882988

FAX:

COMMENTS: I fully support SpaceX

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Monday, October 21, 2024 10:08 AM
To: PUBCOMMENT-WQ; PUBCOMMENT-ELD; PUBCOMMENT-OCC2; PUBCOMMENT-OPIC
Subject: FW: Public comment on Permit Number WQ0005462000

From: summersmith10696@aol.com <summersmith10696@aol.com>
Sent: Thursday, October 17, 2024 11:56 AM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER:

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: Summer Cole

EMAIL: summersmith10696@aol.com

COMPANY:

ADDRESS: 1215 BLUEBONNET DR
BROWNSVILLE TX 78521-1520

PHONE: 8178882988

FAX:

COMMENTS: I fully support SpaceX

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Monday, October 21, 2024 11:50 AM
To: PUBCOMMENT-WQ; PUBCOMMENT-ELD; PUBCOMMENT-OCC2; PUBCOMMENT-OPIC
Subject: FW: Public comment on Permit Number WQ0005462000

From: Cassandra.Cosay0@gmail.com <Cassandra.Cosay0@gmail.com>
Sent: Thursday, October 17, 2024 5:42 PM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER:

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: Cassandra Cosay

EMAIL: Cassandra.Cosay0@gmail.com

COMPANY:

ADDRESS: 2255 AVY
BROWNSVILLE TX 78520-9060

PHONE: 9562666188

FAX:

COMMENTS: I am opposed to the issuance of the following permits for SpaceX LLC: WQ0005462000 The SpaceX launch pad and Starbase facility emit unacceptable levels of pollutants that threaten Brownsville and Rio Grande Valley residents' health and well-being. Water pollutants also damage the sensitive wetland, salt marsh, and mudflat ecosystems of South Bay, Lower Rio Grande Valley Wildlife Refuge, and Boca Chica Beach, home to numerous endangered and threatened species, especially migratory

birds. As a member of the surrounding community, I am directly impacted by SpaceX's wastewater pollution and activities. I request that TCEQ provide sufficient Spanish language interpretation and translation services at the hearing on October 17 to ensure that all participants' questions are answered. In addition, TCEQ and SpaceX staff must consult with the Carrizo/Comecrudo Tribe of Texas, the original Native people of this region, about this permit application and all SpaceX activities at the Boca Chica Beach site.

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Monday, October 21, 2024 1:16 PM
To: PUBCOMMENT-WQ; PUBCOMMENT-ELD; PUBCOMMENT-OCC2; PUBCOMMENT-OPIC
Subject: FW: Public comment on Permit Number WQ0005462000

From: angioletti13@yahoo.com <angioletti13@yahoo.com>
Sent: Thursday, October 17, 2024 8:55 PM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER: 2024-1282-IWD-E

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: MRS Nancy Cruz

EMAIL: angioletti13@yahoo.com

COMPANY:

ADDRESS: 4820 MCKENZIE RD Apt 5
BROWNSVILLE TX 78521-2120

PHONE: 9565510477

FAX:

COMMENTS: It affects us all un many ways. It affects the land, water, and the air. Waste water affects our community that enjoys public baches. Fumes and smoke affect our health and our protected region and animals in the area.

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Monday, October 21, 2024 6:19 PM
To: PUBCOMMENT-OCC2; PUBCOMMENT-OPIC; PUBCOMMENT-ELD; PUBCOMMENT-WQ
Subject: FW: Public comment on Permit Number WQ0005462000

Jesús Bárcena
Office of the Chief Clerk
Texas Commission on Environmental Quality
Office Phone: 512-239-3319

How is our customer service? Fill out our online customer satisfaction survey at:
www.tceq.texas.gov/customersurvey

From: nicoledeestx@gmail.com <nicoledeestx@gmail.com>
Sent: Monday, October 21, 2024 8:52 AM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER:

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: Hannah Nicole Dees

EMAIL: nicoledeestx@gmail.com

COMPANY:

ADDRESS: 519 PROMENADE BLVD
KATY TX 77450-2441

PHONE: 8326000605

FAX:



COMMENTS: Prioritize Texans and their natural environment!! I do not support this.

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Monday, October 21, 2024 10:03 AM
To: PUBCOMMENT-WQ; PUBCOMMENT-ELD; PUBCOMMENT-OCC2; PUBCOMMENT-OPIC
Subject: FW: Public comment on Permit Number WQ0005462000

From: del.fam27@gmail.com <del.fam27@gmail.com>
Sent: Thursday, October 17, 2024 10:46 AM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER:

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: D Del

EMAIL: del.fam27@gmail.com

COMPANY:

ADDRESS: 2 CREEKBEND DR
BROWNSVILLE TX 78521-3604

PHONE: 9568329049

FAX:

COMMENTS: I am against any freshwater dumping into South Bay, Texas. While we understand continued progress is needed, SpaceX should be more innovative in the way they handle their waste. It is irresponsible for SpaceX to dump waste into our pristine wetlands which will have negative results for generations to come. Vote no on approving any permits that SpaceX files for that will harm our environment.

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Friday, October 11, 2024 2:28 PM
To: PUBCOMMENT-OCC2; PUBCOMMENT-OPIC; PUBCOMMENT-ELD; PUBCOMMENT-WQ
Subject: FW: Public comment on Permit Number WQ0005462000

Jesús Bárcena
Office of the Chief Clerk
Texas Commission on Environmental Quality
Office Phone: 512-239-3319

How is our customer service? Fill out our online customer satisfaction survey at:
www.tceq.texas.gov/customersurvey

From: redstartxcollective@protonmail.com <redstartxcollective@protonmail.com>
Sent: Friday, October 11, 2024 12:50 AM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER:

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: Jack Delaplane

EMAIL: redstartxcollective@protonmail.com

COMPANY: Red Star Texas

ADDRESS: 1904 DAVENPORT ST apt 2
WESLACO TX 78596-2295

PHONE: 3463861465

FAX:

COMMENTS: As a cancer survivor, I know firsthand the fear of the unknown. The thought of being exposed to additional health risks, like those posed by SpaceX's operations, is deeply concerning. I cannot fathom why anyone would willingly expose our communities to such dangers. We're witnessing unprecedented extreme weather events that are devastating lives and causing immense economic damage. Science unequivocally links these events to human-induced climate change. The Valley's recent heatwave, with over 30 days of temperatures exceeding 95 degrees, is a stark reminder of the consequences of inaction. We demand that our leaders prioritize protecting our health and the planet's future by rejecting projects like SpaceX's Starbase that exacerbate these risks. I strongly oppose the issuance of permits WQ0005462000 for SpaceX LLC. The company's launch pad and Starbase facility pose significant threats to the health and well-being of Brownsville and Rio Grande Valley residents through excessive pollution. Additionally, water pollutants from SpaceX's operations are damaging the delicate ecosystems of South Bay, the Lower Rio Grande Valley Wildlife Refuge, and Boca Chica Beach, which are home to numerous endangered and threatened species. As a community member directly affected by SpaceX's activities, I urge TCEQ to ensure adequate Spanish language interpretation and translation services at the October 17 hearing. Furthermore, TCEQ and SpaceX staff must consult with the Carrizo/Comecrudo Tribe of Texas, the region's original Native people, regarding this permit application and all SpaceX activities at the Boca Chica Beach site.

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Tuesday, October 15, 2024 5:04 PM
To: PUBCOMMENT-OCC2; PUBCOMMENT-OPIC; PUBCOMMENT-ELD; PUBCOMMENT-WQ
Subject: FW: Public comment on Permit Number WQ0005462000

Jesús Bárcena
Office of the Chief Clerk
Texas Commission on Environmental Quality
Office Phone: 512-239-3319

How is our customer service? Fill out our online customer satisfaction survey at:
www.tceq.texas.gov/customersurvey

From: ddlpy2k@gmail.com <ddlpy2k@gmail.com>
Sent: Tuesday, October 15, 2024 3:59 PM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER: 2024-1282-IWD-E

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: Daniela Alejandra De La Pena

EMAIL: ddlpy2k@gmail.com

COMPANY:

ADDRESS: 1727 ROYAL OAK ST
BROWNSVILLE TX 78520-9261

PHONE: 9565890805



FAX:

COMMENTS: I am opposed to the issuance of the following permits for SpaceX LLC: WQ0005462000 The SpaceX launch pad and Starbase facility emit unacceptable levels of pollutants that threaten Brownsville and Rio Grande Valley residents' health and well-being. Water pollutants also damage the sensitive wetland, salt marsh, and mudflat ecosystems of South Bay, Lower Rio Grande Valley Wildlife Refuge, and Boca Chica Beach, home to numerous endangered and threatened species, especially migratory birds. As a member of the surrounding community, I am directly impacted by SpaceX's wastewater pollution and activities. I request that TCEQ provide sufficient Spanish language interpretation and translation services at the hearing on October 17 to ensure that all participants' questions are answered. In addition, TCEQ and SpaceX staff must consult with the Carrizo/Comecrudo Tribe of Texas, the original Native people of this region, about this permit application and all SpaceX activities at the Boca Chica Beach site.

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Tuesday, October 15, 2024 5:04 PM
To: PUBCOMMENT-OCC2; PUBCOMMENT-OPIC; PUBCOMMENT-ELD; PUBCOMMENT-WQ
Subject: FW: Public comment on Permit Number WQ0005462000

Jesús Bárcena
Office of the Chief Clerk
Texas Commission on Environmental Quality
Office Phone: 512-239-3319

How is our customer service? Fill out our online customer satisfaction survey at:
www.tceq.texas.gov/customersurvey

From: ddlpy2k@gmail.com <ddlpy2k@gmail.com>
Sent: Tuesday, October 15, 2024 3:58 PM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER:

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: Daniela Alejandra De La Pena

EMAIL: ddlpy2k@gmail.com

COMPANY:

ADDRESS: 1727 ROYAL OAK ST
BROWNSVILLE TX 78520-9261

PHONE: 9565890805

FAX:

COMMENTS: I am opposed to the issuance of the following permits for SpaceX LLC: WQ0005462000 The SpaceX launch pad and Starbase facility emit unacceptable levels of pollutants that threaten Brownsville and Rio Grande Valley residents' health and well-being. Water pollutants also damage the sensitive wetland, salt marsh, and mudflat ecosystems of South Bay, Lower Rio Grande Valley Wildlife Refuge, and Boca Chica Beach, home to numerous endangered and threatened species, especially migratory birds. As a member of the surrounding community, I am directly impacted by SpaceX's wastewater pollution and activities. I request that TCEQ provide sufficient Spanish language interpretation and translation services at the hearing on October 17 to ensure that all participants' questions are answered. In addition, TCEQ and SpaceX staff must consult with the Carrizo/Comecrudo Tribe of Texas, the original Native people of this region, about this permit application and all SpaceX activities at the Boca Chica Beach site.

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Monday, October 21, 2024 1:23 PM
To: PUBCOMMENT-WQ; PUBCOMMENT-ELD; PUBCOMMENT-OCC2; PUBCOMMENT-OPIC
Subject: FW: Public comment on Permit Number WQ0005462000

From: Dddeleon0421@gmail.com <Dddeleon0421@gmail.com>
Sent: Friday, October 18, 2024 1:13 PM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER:

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: Diamond D De Leon

EMAIL: Dddeleon0421@gmail.com

COMPANY:

ADDRESS: 502 PEABODY AVE 4
EDINBURG TX 78539-3816

PHONE: 9569791726

FAX:

COMMENTS: Please stop killing our wildlife. We ARE TIRED OF ELON AND HIS EXPANSIONS ACROSS OUR BEACH!!! Elon is killing our plant vegetation, wildlife, and our ecosystems. Just to play with his little non-working spaceships. They are not going anywhere but in the atmosphere and back. There is no reason to dump them waste products into our ocean and our beaches! Elon must be stopped!

Vincent Redondo

From: PUBCOMMENT-OCC
Sent: Wednesday, October 30, 2024 11:20 AM
To: PUBCOMMENT-OCC2; PUBCOMMENT-OPIC; PUBCOMMENT-ELD; PUBCOMMENT-WQ
Subject: FW: Public comment on Permit Number WQ0005462000

Jesús Bárcena
Office of the Chief Clerk
Texas Commission on Environmental Quality
Office Phone: 512-239-3319

How is our customer service? Fill out our online customer satisfaction survey at:
www.tceq.texas.gov/customersurvey

From: aledemaar1@gmail.com <aledemaar1@gmail.com>
Sent: Monday, October 28, 2024 11:21 PM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER:

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: Alejandra De Maar

EMAIL: aledemaar1@gmail.com

COMPANY:

ADDRESS: 5023 LAKEWAY DR
DROWNSVILLE TX 78520-9235

PHONE: 9566216065

FAX:

COMMENTS: The waters and wetlands surrounding the Space X launch cite at Boca Chica, and the connected waters around South Padre Island are so rich in biodiversity -- home to species of birds, fish, and other marine creatures not found in the rest of the United States. South Padre Island is one of the only places in the country that serves as a nesting ground to five species of sea turtles, all of which are endangered. The wetlands of the southernmost tip of Texas provide shelter for migratory birds that traverse all of North America seasonally. Brownsville is the birding capital of the United States; people visit from around the world to enjoy the wide variety of species that can only be seen in one place here. Since moving into the area, Space X has done nothing but burn the land, pollute the water, and trash the beach with the constant explosions of their missions to nowhere. They've already been accused several times of not complying with environmental protection regulations. They've done nothing to show they'll be good stewards of the land or the water. Don't reward their bad behavior with permission to do further damage, especially in a body of water that is used by so many people for swimming and fishing. This is a community of people who cares deeply about our natural environment. Please look into how the community came together for the sea turtles during the massive cold stun event during the freak freeze in February 2021. Wetlands are among the most important natural resources we have as a state, in addition to being the coastline's best protection from hurricanes. This hurricane season isn't over yet, and the entire Atlantic/Gulf of Mexico/Caribbean is experiencing unprecedented storms. We've seen towns in inland states completely washed away, the Appalachian mountains have been resurfaced in places, Hurricane Milton strengthened from a tropical storm into a category fives overnight, and there have been more category five storms this year than the past few years combined. Climate change is all around us now, and it makes absolutely no sense to continue to sell out our natural resources when we know that protecting and maintaining them is our only defense. Please deny Space X's wastewater permit.

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Monday, October 21, 2024 10:12 AM
To: PUBCOMMENT-WQ; PUBCOMMENT-ELD; PUBCOMMENT-OCC2; PUBCOMMENT-OPIC
Subject: FW: Public comment on Permit Number WQ0005462000

From: JUANDIAZ26@AOL.COM <JUANDIAZ26@AOL.COM>
Sent: Thursday, October 17, 2024 12:17 PM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER: 2024-1282-IWD-E

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: JUAN DIAZ

EMAIL: JUANDIAZ26@AOL.COM

COMPANY:

ADDRESS: 308 COMA ST
BROWNSVILLE TX 78521-4888

PHONE: 9565727197

FAX:

COMMENTS: I AM OPPOSED TO THIS PERMIT. ENOUGH DAMAGE HAS BEEN DONE TO THIS AREA AND DUMPING FRESH WATER INTO THE PRESTINE BODY OF WATER WOULD DEFINITELY DESTROY THE SEA GRASS AND DESTROY THIS FISHERY. SOUTHBAY IS VERY UNIQUE AS IT HOLDS MULTI SPECIES BUT ONE OF THE ONLY OR THE ONLY MAJOR AREA WHERE SNOOK MIGRATE TO DURING THE SPRING AND SUMMER. DESTROYING THIS BAY SYSTEM WOULD NOT ONLY AFFECT THIS FISHERY BUT ALSO THIS

GEM WE HAVE IN SOUTH TEXAS. SAVE THIS AREA BEFORE ITS TOO LATE AND WE HAVE A REPEAT OF WHAT HAS HAPPENED IN FLORIDA. STOP THIS PERMIT AND HAVE THEM RUN TREATED WATER TO BROWNSVILLE.

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Monday, October 21, 2024 10:10 AM
To: PUBCOMMENT-WQ; PUBCOMMENT-ELD; PUBCOMMENT-OCC2; PUBCOMMENT-OPIC
Subject: FW: Public comment on Permit Number WQ0005462000

From: Juandiaz26@aol.com <Juandiaz26@aol.com>
Sent: Thursday, October 17, 2024 12:14 PM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER:

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: Juan Diaz

EMAIL: Juandiaz26@aol.com

COMPANY:

ADDRESS: 308 COMA ST
BROWNSVILLE TX 78521-4888

PHONE: 9565727197

FAX:

COMMENTS: I AM OPPOSED TO THIS PERMIT. ENOUGH DAMAGE HAS BEEN DONE TO THIS AREA AND DUMPING FRESH WATER INTO THE PRESTINE BODY OF WATER WOULD DEFINITELY DESTROY THE SEA GRASS AND DESTROY THIS FISHERY. SOUTHBAY IS VERY UNIQUE AS IT HOLDS MULTI SPECIES BUT ONE OF THE ONLY OR THE ONLY MAJOR AREA WHERE SNOOK MIGRATE TO DURING THE SPRING AND SUMMER. DESTROYING THIS BAY SYSTEM WOULD NOT ONLY AFFECT THIS FISHERY BUT ALSO THIS

GEM WE HAVE IN SOUTH TEXAS. SAVE THIS AREA BEFORE ITS TOO LATE AND WE HAVE A REPEAT OF WHAT HAS HAPPENED IN FLORIDA. STOP THIS PERMIT AND HAVE THEM RUN TREATED WATER TO BROWNSVILLE.

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Monday, October 14, 2024 9:01 AM
To: PUBCOMMENT-WQ; PUBCOMMENT-ELD; PUBCOMMENT-OCC2; PUBCOMMENT-OPIC
Subject: FW: Public comment on Permit Number WQ0005462000

Associate to the permit item only.

From: yelizondo1221@gmail.com <yelizondo1221@gmail.com>
Sent: Sunday, October 13, 2024 7:44 PM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER: 2024-1282-IWD-E

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: MS Yajaira Elizondo

EMAIL: yelizondo1221@gmail.com

COMPANY:

ADDRESS: PO BOX 1300
ELSA TX 78543-1300

PHONE: 9564054482

FAX:

COMMENTS: Permits for SpaceX must not be accepted! SpaceX is decimating native landscape habitats. Just this morning I was awoken by a loud boom and shaking. I was under the expression that I was experiencing an earthquake. It was a scary experience even for me, someone who lives 73 miles away! I cannot even begin to imagine what it felt like to the people, pets, wildlife and other creatures who live closer to the launch site. No space in the RGV for SpaceX!

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Monday, October 14, 2024 9:02 AM
To: PUBCOMMENT-WQ; PUBCOMMENT-ELD; PUBCOMMENT-OCC2; PUBCOMMENT-OPIC
Subject: FW: Public comment on Permit Number WQ0005462000

Associate to the permit item only.

From: milo.elliott96@gmail.com <milo.elliott96@gmail.com>
Sent: Monday, October 14, 2024 9:01 AM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER: 2024-1282-IWD-E

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: Milo Elliott

EMAIL: milo.elliott96@gmail.com

COMPANY:

ADDRESS: 7030 MILE 2 3/4 E # EASTP
MERCEDDES TX 78570-4687

PHONE: 9566073040

FAX:

COMMENTS: I am opposed to the issuance of the following permits for SpaceX LLC: WQ0005462000 The SpaceX launch pad and Starbase facility emit unacceptable levels of pollutants that threaten Brownsville and Rio Grande Valley residents' health and well-being. Water pollutants also damage the sensitive wetland, salt marsh, and mudflat ecosystems of South Bay, Lower Rio Grande Valley Wildlife Refuge, and Boca Chica Beach, home to numerous endangered and threatened species, especially migratory

birds. As a member of the surrounding community, I am directly impacted by SpaceX's wastewater pollution and activities. I request that TCEQ provide sufficient Spanish language interpretation and translation services at the hearing on October 17 to ensure that all participants' questions are answered. In addition, TCEQ and SpaceX staff must consult with the Carrizo/Comecrudo Tribe of Texas, the original Native people of this region, about this permit application and all SpaceX activities at the Boca Chica Beach site.

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Monday, October 21, 2024 9:59 AM
To: PUBCOMMENT-WQ; PUBCOMMENT-ELD; PUBCOMMENT-OCC2; PUBCOMMENT-OPIC
Subject: FW: Public comment on Permit Number WQ0005462000

From: Gibranespino@yahoo.com <Gibranespino@yahoo.com>
Sent: Thursday, October 17, 2024 4:16 AM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER:

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: Gibran Espino

EMAIL: Gibranespino@yahoo.com

COMPANY:

ADDRESS: 1100 COMANCHE ST
MISSION TX 78572-6273

PHONE: 9565625502

FAX:

COMMENTS: I am opposed to the issuance of the following permits for SpaceX LLC: WQ0005462000 The SpaceX launch pad and Starbase facility emit unacceptable levels of pollutants that threaten Brownsville and Rio Grande Valley residents' health and well-being. Water pollutants also damage the sensitive wetland, salt marsh, and mudflat ecosystems of South Bay, Lower Rio Grande Valley Wildlife Refuge, and Boca Chica Beach, home to numerous endangered and threatened species, especially migratory

birds. As a member of the surrounding community, I am directly impacted by SpaceX's wastewater pollution and activities. I request that TCEQ provide sufficient Spanish language interpretation and translation services at the hearing on October 17 to ensure that all participants' questions are answered. In addition, TCEQ and SpaceX staff must consult with the Carrizo/Comecrudo Tribe of Texas, the original Native people of this region, about this permit application and all SpaceX activities at the Boca Chica Beach site.

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Monday, October 21, 2024 11:55 AM
To: PUBCOMMENT-WQ; PUBCOMMENT-ELD; PUBCOMMENT-OCC2; PUBCOMMENT-OPIC
Subject: FW: Public comment on Permit Number WQ0005462000

From: Judith.1esqueda@gmail.com <Judith.1esqueda@gmail.com>
Sent: Thursday, October 17, 2024 7:37 PM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER:

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: Juditte G Esqueda

EMAIL: Judith.1esqueda@gmail.com

COMPANY:

ADDRESS: 1824 VIOLETA ST
ALAMO TX 78516-0079

PHONE: 9565789096

FAX:

COMMENTS: Do not pas the permit! I love the beach do not ruin it!!! After they mess up our beach they'll leave somewhere else and keep destroying the world let's fix our world and take care of it not destroy it!!!! We hate pollution!!!! Be normal and live good and happy on the earth no to permit!!!!

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Monday, October 21, 2024 11:52 AM
To: PUBCOMMENT-WQ; PUBCOMMENT-ELD; PUBCOMMENT-OCC2; PUBCOMMENT-OPIC
Subject: FW: Public comment on Permit Number WQ0005462000

From: rpeveritt@gmail.com <rpeveritt@gmail.com>
Sent: Thursday, October 17, 2024 6:28 PM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER:

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: Raymond Patrick Everitt

EMAIL: rpeveritt@gmail.com

COMPANY:

ADDRESS: 44 EVERGREEN DR
BROWNSVILLE TX 78520-8513

PHONE: 9563468184

FAX:

COMMENTS: SpaceX's operations at Boca Chica Beach has created significant environmental degradation and increased many community concerns. SpaceX has been accused of repeatedly violating the Clean Water Act, leading to concerns about water contamination at the site. This includes potential mercury contamination, which poses a risk to local ecosystems and public health. The area is home to sensitive habitats, including those of federally protected shorebirds like the Piping Plover and Kemp's

Ridley sea turtle. SpaceX's activities have led to habitat destruction and reduced nesting among these species. SpaceX proposes closing State Highway 4 for up to 800 hours annually, significantly limiting public access to Boca Chica Beach and surrounding areas. The antidegradation review under Title 30 Texas Administrative Code Section 307.5 aims to maintain water quality standards. However, several issues highlight its inadequacies. Critics argue that the environmental assessments conducted have not fully accounted for the cumulative impacts of increased rocket launches and associated infrastructure development. The FAA's Mitigated Finding of No Significant Impact (FONSI) has been challenged for not adequately addressing these concerns. There have been calls for more comprehensive public involvement in the environmental review process. The FAA has been urged to provide more time for public review and conduct hearings in both English and Spanish, reflecting the community's needs. Regulatory agencies have issued permits without thorough scrutiny, leading to or creating a perception of impropriety like rubber-stamping projects that may not meet environmental standards. The current antidegradation review process may not adequately protect Boca Chica Beach from the environmental impacts of SpaceX's operations. I am opposed to the issuance of permit number WQ0005462000. [L] [SEP] The SpaceX launch pad and Starbase facility emit unacceptable levels of pollutants that [L] [SEP] threaten Brownsville and Rio Grande Valley residents' health and well-being. Water pollutants also damage the sensitive wetland, salt marsh, and mudflat ecosystems of South Bay, Lower Rio Grande Valley Wildlife Refuge, and Boca Chica Beach, home to numerous endangered and threatened species, especially migratory birds. As a member of the surrounding community, I am directly impacted by SpaceX's wastewater pollution and activities. I request that TCEQ provide sufficient Spanish language interpretation and translation services at the hearing on October 17 to ensure that all participants' questions are answered. In addition, TCEQ and SpaceX staff must consult with the Carrizo/Comecrudo Tribe of Texas, the original Native people of this region, about this permit application and all SpaceX activities at the Boca Chica Beach site. Respectfully, Patrick Everitt

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Monday, October 21, 2024 11:53 AM
To: PUBCOMMENT-WQ; PUBCOMMENT-ELD; PUBCOMMENT-OCC2; PUBCOMMENT-OPIC
Subject: FW: Public comment on Permit Number WQ0005462000

From: rpeveritt@gmail.com <rpeveritt@gmail.com>
Sent: Thursday, October 17, 2024 6:40 PM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER: 2024-1282-IWD-E

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: Raymond Patrick Everitt

EMAIL: rpeveritt@gmail.com

COMPANY:

ADDRESS: 44 EVERGREEN DR
BROWNSVILLE TX 78520-8513

PHONE: 9563468184

FAX:

COMMENTS: SpaceX's operations at Boca Chica Beach has created significant environmental degradation and increased many community concerns. SpaceX has been accused of repeatedly violating the Clean Water Act, leading to concerns about water contamination at the site. This includes potential mercury contamination, which poses a risk to local ecosystems and public health. The area is home to sensitive habitats, including those of federally protected shorebirds like the Piping Plover and Kemp's

Ridley sea turtle. SpaceX's activities have led to habitat destruction and reduced nesting among these species. SpaceX proposes closing State Highway 4 for up to 800 hours annually, significantly limiting public access to Boca Chica Beach and surrounding areas. The antidegradation review under Title 30 Texas Administrative Code Section 307.5 aims to maintain water quality standards. However, several issues highlight its inadequacies. Critics argue that the environmental assessments conducted have not fully accounted for the cumulative impacts of increased rocket launches and associated infrastructure development. The FAA's Mitigated Finding of No Significant Impact (FONSI) has been challenged for not adequately addressing these concerns. There have been calls for more comprehensive public involvement in the environmental review process. The FAA has been urged to provide more time for public review and conduct hearings in both English and Spanish, reflecting the community's needs. Regulatory agencies have issued permits without thorough scrutiny, leading to or creating a perception of impropriety like rubber-stamping projects that may not meet environmental standards. The current antidegradation review process may not adequately protect Boca Chica Beach from the environmental impacts of SpaceX's operations. I am opposed to the issuance of permit number WQ0005462000. [L] [SEP] The SpaceX launch pad and Starbase facility emit unacceptable levels of pollutants that [SEP] threaten Brownsville and Rio Grande Valley residents' health and well-being. Water pollutants also damage the sensitive wetland, salt marsh, and mudflat ecosystems of South Bay, Lower Rio Grande Valley Wildlife Refuge, and Boca Chica Beach, home to numerous endangered and threatened species, especially migratory birds. As a member of the surrounding community, I am directly impacted by SpaceX's wastewater pollution and activities. I request that TCEQ provide sufficient Spanish language interpretation and translation services at the hearing on October 17 to ensure that all participants' questions are answered. In addition, TCEQ and SpaceX staff must consult with the Carrizo/Comecrudo Tribe of Texas, the original Native people of this region, about this permit application and all SpaceX activities at the Boca Chica Beach site. Respectfully, Patrick Everitt

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Wednesday, October 16, 2024 5:25 PM
To: PUBCOMMENT-OCC2; PUBCOMMENT-OPIC; PUBCOMMENT-ELD; PUBCOMMENT-WQ
Subject: FW: Public comment on Permit Number WQ0005462000

Jesús Bárcena
Office of the Chief Clerk
Texas Commission on Environmental Quality
Office Phone: 512-239-3319

How is our customer service? Fill out our online customer satisfaction survey at:
www.tceq.texas.gov/customersurvey

From: fernaj9@aol.com <fernaj9@aol.com>
Sent: Wednesday, October 16, 2024 7:41 AM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER:

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: DR. Jean Michel Fernand

EMAIL: fernaj9@aol.com

COMPANY:

ADDRESS: 325 MEDFORD DR
COLORADO SPRINGS CO 80921-2511

PHONE: 7199632344



FAX:

COMMENTS: I support the SpaceX application. I am sure that the opponents of this application would prefer that humanity be erased from the earth. I put humanity first. SpaceX appears to be taking extraordinary measures to protect and preserve their Texas home. Life is a careful balance and I think that SpaceX is preserving that balance. I am unwilling to return to a time with no electricity, no indoor plumbing, no water treatment, no modern home building materials and methods, no modern conveniences. Use common sense!

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Wednesday, October 16, 2024 5:27 PM
To: PUBCOMMENT-OCC2; PUBCOMMENT-OPIC; PUBCOMMENT-ELD; PUBCOMMENT-WQ
Subject: FW: Public comment on Permit Number WQ0005462000

Jesús Bárcena
Office of the Chief Clerk
Texas Commission on Environmental Quality
Office Phone: 512-239-3319

How is our customer service? Fill out our online customer satisfaction survey at:
www.tceq.texas.gov/customersurvey

From: shirley81214@yahoo.com <shirley81214@yahoo.com>
Sent: Wednesday, October 16, 2024 4:14 PM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER: 2024-1282-IWD-E

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: Michael Fitzpatrick

EMAIL: shirley81214@yahoo.com

COMPANY:

ADDRESS: 26825 FM 1846
SAN BENITO TX 78586-8355

PHONE: 9563993398

FAX:

COMMENTS: Elon Musk has a boring company. I recommend boring along Highway 4 easement south side of road from plant to the Gulf of Mexico. Much less impact on water quality than into south bay.

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Monday, October 21, 2024 10:00 AM
To: PUBCOMMENT-WQ; PUBCOMMENT-ELD; PUBCOMMENT-OCC2; PUBCOMMENT-OPIC
Subject: FW: Public comment on Permit Number WQ0005462000

From: Mayraeg2002@yahoo.com <Mayraeg2002@yahoo.com>
Sent: Thursday, October 17, 2024 9:47 AM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER: 2024-1282-IWD-E

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: Ma Ga

EMAIL: Mayraeg2002@yahoo.com

COMPANY:

ADDRESS: 8612 VERBENA LN
BROWNSVILLE TX 78520-4096

PHONE: 9564594356

FAX:

COMMENTS: Waste water affects the community that enjoys public beaches. The fumes and smoke affect our health and protected region and animals in the area.

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Monday, October 21, 2024 10:00 AM
To: PUBCOMMENT-WQ; PUBCOMMENT-ELD; PUBCOMMENT-OCC2; PUBCOMMENT-OPIC
Subject: FW: Public comment on Permit Number WQ0005462000

From: Mayraeg2002@yahoo.com <Mayraeg2002@yahoo.com>
Sent: Thursday, October 17, 2024 9:40 AM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER:

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: MS May Ga

EMAIL: Mayraeg2002@yahoo.com

COMPANY:

ADDRESS: 8612 VERBENA LN
BROWNSVILLE TX 78520-4096

PHONE: 9564557864

FAX:

COMMENTS: Waste water affects the community that enjoys public beaches. The fumes and smoke affect our health and protected region and animals in the area.

8

TCEQ Registration Form

October 17, 2024

Space Exploration Technologies Corp.
Proposed TPDES Permit No. WQ0005462000

PLEASE PRINT

Name: Sabrina Gilbert

Mailing Address: 25 Harry Lane

Physical Address (if different): _____

City/State: Brownsville TX Zip: 78521

This information is subject to public disclosure under the Texas Public Information Act

Email: Sabrina

Phone Number: (956) 955-7169

- Are you here today representing a municipality, legislator, agency, or group? ☐ Yes ☒ No

If yes, which one? _____

☐ Please add me to the mailing list.

☒ I wish to provide formal *ORAL COMMENTS* at tonight's public meeting.

☐ I wish to provide formal *WRITTEN COMMENTS* at tonight's public meeting.

(Written comments may be submitted at any time during the meeting)

Please give this form to the person at the information table. Thank you.

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Monday, October 21, 2024 10:02 AM
To: PUBCOMMENT-WQ; PUBCOMMENT-ELD; PUBCOMMENT-OCC2; PUBCOMMENT-OPIC
Subject: FW: Public comment on Permit Number WQ0005462000

From: galamm@comcast.net <galamm@comcast.net>
Sent: Thursday, October 17, 2024 10:37 AM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER: 2024-1282-IWD-E

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: M Glasso

EMAIL: galamm@comcast.net

COMPANY:

ADDRESS: 24 CYPRESS POINT DR
LAGUNA VISTA TX 78578-2862

PHONE: 5402203688

FAX:

COMMENTS: There MUST be a new Environmental Impact Statement prepared-in reading the original from 10 years ago there are many unanswered questions and much of the plan was speculative. The fueling system has changed, the size and type of rocket has changed and the use of a deluge system was not even a definite plan.

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Friday, September 13, 2024 12:39 PM
To: PUBCOMMENT-OCC2; PUBCOMMENT-OPIC; PUBCOMMENT-ELD; PUBCOMMENT-WQ
Subject: FW: Public comment on Permit Number WQ0005462000

PM

Jesús Bárcena
Office of the Chief Clerk
Texas Commission on Environmental Quality
Office Phone: 512-239-3319

How is our customer service? Fill out our online customer satisfaction survey at:
www.tceq.texas.gov/customersurvey

From: galamm@comcast.net <galamm@comcast.net>
Sent: Thursday, September 12, 2024 9:57 PM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER:

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: M Galasso

EMAIL: galamm@comcast.net

COMPANY:

ADDRESS: 24 CYPRESS POINT DR
LAGUNA VISTA TX 78578-2862

PHONE: 5402203688

FAX:

COMMENTS: A public meeting must be held because this current project is very different from the original project described in the Environmental Impact Statement (EIS) in 2014 and the Programmatic Environmental Assessment (PEA) in 2022. If TCEQ sincerely wants the public to be informed on issues that affect them, more outreach is necessary. For example, the copy of SpaceX's 463 page application provided at the local Port Isabel library, in a three-inch binder with no table of contents, no index, no tabs, etc., is not helpful. Further, the only portion translated into Spanish was Attachment B, a Plain Language Summary. TCEQ and SpaceX's processes lack transparency and, however unintentional, put a high barrier for public access and engagement. This must be remedied.

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Monday, July 29, 2024 3:35 PM
To: PUBCOMMENT-OCC2; PUBCOMMENT-OPIC; PUBCOMMENT-ELD; PUBCOMMENT-WQ
Subject: FW: Public comment on Permit Number WQ0005462000

PM

Jesús Bárcena
Office of the Chief Clerk
Texas Commission on Environmental Quality
Office Phone: 512-239-3319

How is our customer service? Fill out our online customer satisfaction survey at:
www.tceq.texas.gov/customersurvey

From: galamm@comcast.net <galamm@comcast.net>
Sent: Saturday, July 27, 2024 12:44 PM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER:

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: M Galasso

EMAIL: galamm@comcast.net

COMPANY:

ADDRESS: 24 CYPRESS POINT DR
LAGUNA VISTA TX 78578-2862

PHONE: 5402203688

FAX:

COMMENTS: A public meeting must be held because this current project is very different from the original project described in the Environmental Impact Statement (EIS) in 2014 and the Programmatic Environmental Assessment (PEA) in 2022. If TCEQ sincerely wants the public to be informed on issues that affect them, more outreach is necessary. For example, the copy of SpaceX's 463 page application provided at the local Port Isabel library, in a three-inch binder with no table of contents, no index, no tabs, etc., is not helpful. Further, the only portion translated into Spanish was Attachment B, a Plain Language Summary. TCEQ and SpaceX's processes lack transparency and, however unintentional, put a high barrier for public access and engagement. This must be remedied.

③ Andres

TCEQ Registration Form

October 17, 2024

Space Exploration Technologies Corp.
Proposed TPDES Permit No. WQ0005462000

PLEASE PRINT

Name: AG Andres Garcia & Liana Garcia

Mailing Address: andres.gar1202@gmail

Physical Address (if different): 114 West Resaca Rd.

City/State: Bayview TX Zip: 78566

This information is subject to public disclosure under the Texas Public Information Act

Email: andres.garcia@tpwd.texas.gov

Phone Number: (956) 466-0585

- Are you here today representing a municipality, legislator, agency, or group? ☐ Yes ☒ No

If yes, which one? _____

☐ Please add me to the mailing list.

☒ I wish to provide formal *ORAL COMMENTS* at tonight's public meeting.

Andres Garcia

☐ I wish to provide formal *WRITTEN COMMENTS* at tonight's public meeting.

(Written comments may be submitted at any time during the meeting)

Please give this form to the person at the information table. Thank you.

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Tuesday, October 8, 2024 1:56 PM
To: PUBCOMMENT-OCC2; PUBCOMMENT-OPIC; PUBCOMMENT-ELD; PUBCOMMENT-WQ
Subject: FW: Public comment on Permit Number WQ0005462000

Jesús Bárcena
Office of the Chief Clerk
Texas Commission on Environmental Quality
Office Phone: 512-239-3319

How is our customer service? Fill out our online customer satisfaction survey at:
www.tceq.texas.gov/customersurvey

From: Brandygarcia105@gmail.com <Brandygarcia105@gmail.com>
Sent: Sunday, October 6, 2024 8:22 PM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER: 2024-1282-IWD-E

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: Brandy Garcia

EMAIL: Brandygarcia105@gmail.com

COMPANY:

ADDRESS: 6187 RABBIT RUN DR
BROWNSVILLE TX 78526-4128

PHONE: 9562037585

FAX:

COMMENTS: It is irresponsible to allow space x to continue within such close range of a proposed long pipeline? It seems that ecological disaster is an acceptable collateral damage but I as a life long concerned citizen of Cameron county and Brownsville Texas will not allow my home to be sacrificed for something it will see no benefits from. I do not approve I do not think this is safe on any level and I love boca chica beach and will continue to play and explore that area because it is PUBLIC LAND MY LAND MY PEOPLE'S LAND.

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Tuesday, October 8, 2024 1:55 PM
To: PUBCOMMENT-OCC2; PUBCOMMENT-OPIC; PUBCOMMENT-ELD; PUBCOMMENT-WQ
Subject: FW: Public comment on Permit Number WQ0005462000

Jesús Bárcena
Office of the Chief Clerk
Texas Commission on Environmental Quality
Office Phone: 512-239-3319

How is our customer service? Fill out our online customer satisfaction survey at:
www.tceq.texas.gov/customersurvey

From: Brandygarcia105@gmail.com <Brandygarcia105@gmail.com>
Sent: Saturday, October 5, 2024 9:56 PM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER: 2024-1282-IWD-E

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: Brandy Garcia

EMAIL: Brandygarcia105@gmail.com

COMPANY:

ADDRESS: 6187 RABBIT RUN DR
BROWNSVILLE TX 78526-4128

PHONE: 9562037585

FAX:

COMMENTS: It is irresponsible to allow space x to continue within such close range of a proposed long pipeline? It seems that ecological disaster is an acceptable collateral damage but I as a life long concerned citizen of Cameron county and Brownsville Texas will not allow my home to be sacrificed for something it will see no benefits from. I do not approve I do not think this is safe on any level and I love boca chica beach and will continue to play and explore that area because it is PUBLIC LAND MY LAND MY PEOPLE'S LAND.

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Monday, August 5, 2024 4:51 PM
To: PUBCOMMENT-WQ; PUBCOMMENT-ELD; PUBCOMMENT-OCC2; PUBCOMMENT-OPIC
Subject: FW: Public comment on Permit Number WQ0005462000

PM

From: Ruchi172@icloud.com <Ruchi172@icloud.com>
Sent: Sunday, August 4, 2024 12:05 PM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER:

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: Carolina Lozano Garcia

EMAIL: Ruchi172@icloud.com

COMPANY:

ADDRESS: 5236 RIDGELINE DR
BROWNSVILLE TX 78526-3882

PHONE: 9564555913

FAX:

COMMENTS: I am requesting that TCEQ hold a public meeting in Cameron County to address the issues of SpaceX's application for a Water Quality permit WQ0005462000, to discharge deluge water into the area near the launch pad. SpaceX operations continue to change in ways that are unregulated with no regard for the surrounding sensitive ecosystem. The application as written lacks very important information regarding the design of the containment ponds and actual quantities and qualities of the

industrial wastewater discharges over time. A public meeting, where the true scope of the operation can be explained, is required so that impacts on local populations, ecosystem and Wildlife can be shared and understood. Thank you.

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Monday, August 5, 2024 4:47 PM
To: PUBCOMMENT-WQ; PUBCOMMENT-ELD; PUBCOMMENT-OCC2; PUBCOMMENT-OPIC
Subject: FW: Public comment on Permit Number WQ0005462000

PM

From: Ruchi172@icloud.com <Ruchi172@icloud.com>
Sent: Saturday, August 3, 2024 8:32 AM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER:

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: Carolina Lozano Garcia

EMAIL: Ruchi172@icloud.com

COMPANY:

ADDRESS: 5236 RIDGELINE DR
BROWNSVILLE TX 78526-3882

PHONE: 9564555913

FAX:

COMMENTS: I am requesting that TCEQ hold a public meeting in Cameron County to address the issues of SpaceX's application for a Water Quality permit WQ0005462000, to discharge deluge water into the area near the launch pad. SpaceX operations continue to change in ways that are unregulated with no regard for the surrounding sensitive ecosystem. The application as written lacks very important information regarding the design of the containment ponds and actual quantities and qualities of the

industrial wastewater discharges over time. A public meeting, where the true scope of the operation can be explained, is required so that impacts on local populations, ecosystem and Wildlife can be shared and understood. Thank you.

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Monday, October 21, 2024 1:16 PM
To: PUBCOMMENT-WQ; PUBCOMMENT-ELD; PUBCOMMENT-OCC2; PUBCOMMENT-OPIC
Subject: FW: Public comment on Permit Number WQ0005462000

From: Garcia.eduardo016@gmail.com <Garcia.eduardo016@gmail.com>
Sent: Thursday, October 17, 2024 8:33 PM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER:

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: Eduardo Garcia

EMAIL: Garcia.eduardo016@gmail.com

COMPANY:

ADDRESS: 6009 Billy's Ct.
Brownsville TX 78526

PHONE: 9564087871

FAX:

COMMENTS: List of concerns: permit application requirements are based on existing facilities. No rules and regulations adopted related to deluge activities. Since it's a new activity not properly regulated, should be required to implement tougher standards and monitoring requirements to properly assess the activities for a period of time first. Quarterly sampling to establish long term data for wetland protection. Should have flow meters to monitor the amount used and discharged to outfalls. Collection design

should account for expected expansion. Collection system should account for 100% plus 10 % and a 100 year storm. Storm event data information should be reevaluated found in application. Will the retention pond meet wastewater lining requirements. Supporting information such as SWQM for findings on antidegradation review Tiers. Samples should be taken instantaneously during the launch event to be representative and not days after damage assessments. Quantity of water expected to be discharged not in application. Will sampling be conducted or a station be added to monitor the discharge at the river in addition at the outfall. Sampling conducted for application not representative and should be sampled for 6 months prior to issuance of permit.

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Wednesday, October 16, 2024 5:26 PM
To: PUBCOMMENT-OCC2; PUBCOMMENT-OPIC; PUBCOMMENT-ELD; PUBCOMMENT-WQ
Subject: FW: Public comment on Permit Number WQ0005462000

Jesús Bárcena
Office of the Chief Clerk
Texas Commission on Environmental Quality
Office Phone: 512-239-3319

How is our customer service? Fill out our online customer satisfaction survey at:
www.tceq.texas.gov/customersurvey

From: lizcgarcia24@gmail.com <lizcgarcia24@gmail.com>
Sent: Wednesday, October 16, 2024 12:00 PM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER:

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: Elizabeth Garcia

EMAIL: lizcgarcia24@gmail.com

COMPANY:

ADDRESS: 2924 N J ST APT 232D
MCALLEN TX 78501-1443

PHONE: 9562409189

FAX:

COMMENTS: I am opposed to the issuance of the following permits for SpaceX LLC: WQ0005462000 The SpaceX launch pad and Starbase facility emit unacceptable levels of pollutants that threaten Brownsville and Rio Grande Valley residents' health and well-being. Water pollutants also damage the sensitive wetland, salt marsh, and mudflat ecosystems of South Bay, Lower Rio Grande Valley Wildlife Refuge, and Boca Chica Beach, home to numerous endangered and threatened species, especially migratory birds. As a member of the surrounding community, I am directly impacted by SpaceX's wastewater pollution and activities. I request that TCEQ provide sufficient Spanish language interpretation and translation services at the hearing on October 17 to ensure that all participants' questions are answered. In addition, TCEQ and SpaceX staff must consult with the Carrizo/Comecrudo Tribe of Texas, the original Native people of this region, about this permit application and all SpaceX activities at the Boca Chica Beach site.

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Wednesday, October 16, 2024 5:26 PM
To: PUBCOMMENT-OCC2; PUBCOMMENT-OPIC; PUBCOMMENT-ELD; PUBCOMMENT-WQ
Subject: FW: Public comment on Permit Number WQ0005462000

Jesús Bárcena
Office of the Chief Clerk
Texas Commission on Environmental Quality
Office Phone: 512-239-3319

How is our customer service? Fill out our online customer satisfaction survey at:
www.tceq.texas.gov/customersurvey

From: lizcgarcia24@gmail.com <lizcgarcia24@gmail.com>
Sent: Wednesday, October 16, 2024 12:02 PM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER: 2024-1282-IWD-E

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: Elizabeth Garcia

EMAIL: lizcgarcia24@gmail.com

COMPANY:

ADDRESS: 2924 N J ST APT 232D
MCALLEN TX 78501-1443

PHONE: 9562409189

FAX:

COMMENTS: I am opposed to the issuance of the following permits for SpaceX LLC: WQ0005462000 The SpaceX launch pad and Starbase facility emit unacceptable levels of pollutants that threaten Brownsville and Rio Grande Valley residents' health and well-being. Water pollutants also damage the sensitive wetland, salt marsh, and mudflat ecosystems of South Bay, Lower Rio Grande Valley Wildlife Refuge, and Boca Chica Beach, home to numerous endangered and threatened species, especially migratory birds. As a member of the surrounding community, I am directly impacted by SpaceX's wastewater pollution and activities. I request that TCEQ provide sufficient Spanish language interpretation and translation services at the hearing on October 17 to ensure that all participants' questions are answered. In addition, TCEQ and SpaceX staff must consult with the Carrizo/Comecrudo Tribe of Texas, the original Native people of this region, about this permit application and all SpaceX activities at the Boca Chica Beach site.

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Tuesday, October 15, 2024 5:01 PM
To: PUBCOMMENT-OCC2; PUBCOMMENT-OPIC; PUBCOMMENT-ELD; PUBCOMMENT-WQ
Subject: FW: Public comment on Permit Number WQ0005462000

Jesús Bárcena
Office of the Chief Clerk
Texas Commission on Environmental Quality
Office Phone: 512-239-3319

How is our customer service? Fill out our online customer satisfaction survey at:
www.tceq.texas.gov/customersurvey

From: george.leegarcia@yahoo.com <george.leegarcia@yahoo.com>
Sent: Tuesday, October 15, 2024 12:57 PM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER: 2024-1282-IWD-E

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: George Garcia

EMAIL: george.leegarcia@yahoo.com

COMPANY:

ADDRESS: 3663 CALLE BUENOS AIRES
BROWNSVILLE TX 78526-1276

PHONE: 9565434028

FAX:

COMMENTS: This will be a devastation to fisherman as well as wildlife within the area. Locals have Historically, utilize Boca Chica Beach and fish the surrounding waters, including Southbay. Not only will lead to access being taken away, but the fish there to one day be Deemed not safe to consume. Just another way of taking away consumable resources from A area that is under the property line. Another concern would be the increase water levels

①

TCEQ Registration Form

October 17, 2024

Space Exploration Technologies Corp.
Proposed TPDES Permit No. WQ0005462000

PLEASE PRINT

Name: Marcus Garcia

Mailing Address: 1615 W B Street

Physical Address (if different): _____

City/State: Mission TX Zip: 78572

This information is subject to public disclosure under the Texas Public Information Act

Email: marcushgarcia62@yahoo.com

Phone Number: (956) 624-5424

- Are you here today representing a municipality, legislator, agency, or group? ☐ Yes ☒ No

If yes, which one? _____

☐ Please add me to the mailing list.

☒ I wish to provide formal *ORAL COMMENTS* at tonight's public meeting.

☐ I wish to provide formal *WRITTEN COMMENTS* at tonight's public meeting.

(Written comments may be submitted at any time during the meeting)

Please give this form to the person at the information table. Thank you.

TCEQ Registration Form

October 17, 2024

Space Exploration Technologies Corp. Proposed TPDES Permit No. WQ0005462000

PLEASE PRINT

Name: Miguel Angel Garcia

Mailing Address: 228 Cote Rose Ct

Physical Address (if different): _____

City/State: Brownsville TX Zip: 78520

This information is subject to public disclosure under the Texas Public Information Act

Email: migblack5@hotmail.com

Phone Number: (956) 280-8866

- Are you here today representing a municipality, legislator, agency, or group? ☐ Yes ☒ No

If yes, which one? _____

RECEIVED

OCT 17 2024

AT PUBLIC MEETING

☒ Please add me to the mailing list.

☐ I wish to provide formal *ORAL COMMENTS* at tonight's public meeting.

☒ I wish to provide formal *WRITTEN COMMENTS* at tonight's public meeting.

(Written comments may be submitted at any time during the meeting)

Can you all make a bigger container to retain all the waste water.

Please give this form to the person at the information table. Thank you.

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Tuesday, October 15, 2024 4:59 PM
To: PUBCOMMENT-OCC2; PUBCOMMENT-OPIC; PUBCOMMENT-ELD; PUBCOMMENT-WQ
Subject: FW: Public comment on Permit Number WQ0005462000

Jesús Bárcena
Office of the Chief Clerk
Texas Commission on Environmental Quality
Office Phone: 512-239-3319

How is our customer service? Fill out our online customer satisfaction survey at:
www.tceq.texas.gov/customersurvey

From: Magarcia0411@yahoo.com <Magarcia0411@yahoo.com>
Sent: Tuesday, October 15, 2024 11:43 AM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER: 2024-1282-IWD-E

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: Miguel Garcia

EMAIL: Magarcia0411@yahoo.com

COMPANY:

ADDRESS: 902 S PALM COURT DR 12302
HARLINGEN TX 78552-3827

PHONE: 9567785996

FAX:

COMMENTS: I'm all for Space X building rockets. I support them being able to do so, but without harming our sensitive ecosystem by dumping treated wastewater. I am also an avid angler and appreciate that our bay is prim fishing area and one of the best fisheries in our state. Space X can not and should not have power or think they can get around regulations and laws for the sake of profit. If their goal is to go to another planet one day, we can strive for that, but also take care of the only one within light years that supports all life.

4

TCEQ Registration Form

October 17, 2024

Space Exploration Technologies Corp.
Proposed TPDES Permit No. WQ0005462000

PLEASE PRINT

Name: Phil Garcia

Mailing Address: 721 - Sonesta Ct Apt 3

Physical Address (if different): _____

City/State: Harlingen TX Zip: 78556

This information is subject to public disclosure under the Texas Public Information Act

Email: phil.a.garcia@hotmail

Phone Number: (713) 231-8029

- Are you here today representing a municipality, legislator, agency, or group? ☐ Yes ☒ No

If yes, which one? _____

☐ Please add me to the mailing list.

☒ I wish to provide formal *ORAL COMMENTS* at tonight's public meeting.

☐ I wish to provide formal *WRITTEN COMMENTS* at tonight's public meeting.

(Written comments may be submitted at any time during the meeting)

Please give this form to the person at the information table. Thank you.

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Monday, October 21, 2024 1:17 PM
To: PUBCOMMENT-WQ; PUBCOMMENT-ELD; PUBCOMMENT-OCC2; PUBCOMMENT-OPIC
Subject: FW: Public comment on Permit Number WQ0005462000

From: phil.a.garcia@hotmail.com <phil.a.garcia@hotmail.com>
Sent: Thursday, October 17, 2024 11:04 PM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER: 2024-1282-IWD-E

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: Phil Garcia

EMAIL: phil.a.garcia@hotmail.com

COMPANY: Saturn Companies LLC

ADDRESS: 721 SONESTA CT 3
HARLINGEN TX 78550-2779

PHONE: 7132318029

FAX:

COMMENTS: Please see attachment

45

TCEQ Registration Form

October 17, 2024

Space Exploration Technologies Corp.
Proposed TPDES Permit No. WQ0005462000

PLEASE PRINT

Name: Stephanie Garcia

Mailing Address: 1225 Carrizo Ln

Physical Address (if different): 1225 Carrizo Ln

City/State: Brownsville, Tx Zip: 78520

This information is subject to public disclosure under the Texas Public Information Act

Email: stephg1908@gmail.com

Phone Number: (956) 465-9377

- Are you here today representing a municipality, legislator, agency, or group? ☐ Yes ☐ No

If yes, which one? _____

☐ Please add me to the mailing list.

☒ I wish to provide formal *ORAL COMMENTS* at tonight's public meeting.

☐ I wish to provide formal *WRITTEN COMMENTS* at tonight's public meeting.

(Written comments may be submitted at any time during the meeting)

Please give this form to the person at the information table. Thank you.

TCEQ Registration Form

October 17, 2024

Space Exploration Technologies Corp. Proposed TPDES Permit No. WQ0005462000

PLEASE PRINT

Name: Alicia Garza

Mailing Address: 518 Cardinal Ave.

Physical Address (if different): _____

City/State: Edinburg, TX

Zip: 78542

This information is subject to public disclosure under the Texas Public Information Act

Email: _____

Phone Number: (_____) _____

- Are you here today representing a municipality, legislator, agency, or group? ☐ Yes ☒ No

If yes, which one? _____

RECEIVED

OCT 17 2024

AT PUBLIC MEETING

☐ Please add me to the mailing list.

☒ I wish to provide formal *ORAL COMMENTS* at tonight's public meeting.

☒ I wish to provide formal *WRITTEN COMMENTS* at tonight's public meeting.

I am born & raised in the Rio Grande Valley.

(Written comments may be submitted at any time during the meeting)

I am ~~very~~ fearful for your grandchildren & your great grandchild's well being. They will not get to live in the comfortable, quiet destruction of the Earth like you did. They will live in endless summers, warm water beach days, diseased waters, no shade, polluted air. I hope that you are aware of these decisions, the small ones like approving permits to dump wastewater in ~~the~~ our precious & ~~ever~~ decreasingly beautiful environment, are ones that you made. Please give this form to the person at the information table. Thank you.

~~While~~ While the damage can't be reversed, it can be ~~the~~ stopped. In only a few generations, there will be no place in the valley that is uncorrupted by pollution.

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Wednesday, October 16, 2024 5:28 PM
To: PUBCOMMENT-OCC2; PUBCOMMENT-OPIC; PUBCOMMENT-ELD; PUBCOMMENT-WQ
Subject: FW: Public comment on Permit Number WQ0005462000

Jesús Bárcena
Office of the Chief Clerk
Texas Commission on Environmental Quality
Office Phone: 512-239-3319

How is our customer service? Fill out our online customer satisfaction survey at:
www.tceq.texas.gov/customersurvey

From: anayanse@hotmail.com <anayanse@hotmail.com>
Sent: Wednesday, October 16, 2024 5:20 PM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER:

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: Anayanse Garza

EMAIL: anayanse@hotmail.com

COMPANY:

ADDRESS: 231 TAFT BLVD
SAN ANTONIO TX 78225-1137

PHONE: 2102382818

FAX:

COMMENTS: I am opposed to the issuance of the following permits for SpaceX LLC: WQ0005462000 The SpaceX launch pad and Starbase facility emit unacceptable levels of pollutants that threaten Brownsville and Rio Grande Valley residents' health and well-being. Water pollutants also damage the sensitive wetland, salt marsh, and mudflat ecosystems of South Bay, Lower Rio Grande Valley Wildlife Refuge, and Boca Chica Beach, home to numerous endangered and threatened species, especially migratory birds. My family has lived generations in the area and is rooted there, as such I and my relatives are directly impacted by SpaceX's wastewater pollution and activities. I request that TCEQ provide sufficient Spanish language interpretation and translation services at the hearing on October 17 to ensure that all participants' questions are answered. In addition, TCEQ and SpaceX staff must consult with the Carrizo/Comecrudo Tribe of Texas, the original Native people of this region, about this permit application and all SpaceX activities at the Boca Chica Beach site.

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Wednesday, October 16, 2024 5:28 PM
To: PUBCOMMENT-OCC2; PUBCOMMENT-OPIC; PUBCOMMENT-ELD; PUBCOMMENT-WQ
Subject: FW: Public comment on Permit Number WQ0005462000

Jesús Bárcena
Office of the Chief Clerk
Texas Commission on Environmental Quality
Office Phone: 512-239-3319

How is our customer service? Fill out our online customer satisfaction survey at:
www.tceq.texas.gov/customersurvey

From: anayanse@hotmail.com <anayanse@hotmail.com>
Sent: Wednesday, October 16, 2024 5:23 PM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER:

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: Anayanse Garza

EMAIL: anayanse@hotmail.com

COMPANY:

ADDRESS: 231 TAFT BLVD
SAN ANTONIO TX 78225-1137

PHONE: 2102382818

FAX:

COMMENTS: I am opposed to the issuance of the following permits for SpaceX LLC: WQ0005462000 The SpaceX launch pad and Starbase facility emit unacceptable levels of pollutants that threaten Brownsville and Rio Grande Valley residents' health and well-being. Water pollutants also damage the sensitive wetland, salt marsh, and mudflat ecosystems of South Bay, Lower Rio Grande Valley Wildlife Refuge, and Boca Chica Beach, home to numerous endangered and threatened species, especially migratory birds. My family has lived generations in the area and is rooted there, as such I and my relatives are directly impacted by SpaceX's wastewater pollution and activities. I request that TCEQ provide sufficient Spanish language interpretation and translation services at the hearing on October 17 to ensure that all participants' questions are answered. In addition, TCEQ and SpaceX staff must consult with the Carrizo/Comecrudo Tribe of Texas, the original Native people of this region, about this permit application and all SpaceX activities at the Boca Chica Beach site.

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Tuesday, October 15, 2024 5:04 PM
To: PUBCOMMENT-OCC2; PUBCOMMENT-OPIC; PUBCOMMENT-ELD; PUBCOMMENT-WQ
Subject: FW: Public comment on Permit Number WQ0005462000

Jesús Bárcena
Office of the Chief Clerk
Texas Commission on Environmental Quality
Office Phone: 512-239-3319

How is our customer service? Fill out our online customer satisfaction survey at:
www.tceq.texas.gov/customersurvey

From: annapgarza@gmail.com <annapgarza@gmail.com>
Sent: Tuesday, October 15, 2024 4:00 PM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER: 2024-1282-IWD-E

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: MS Anna Garza

EMAIL: annapgarza@gmail.com

COMPANY:

ADDRESS: 35731 CALLE PIZARRA PR
BROWNSVILLE TX 78520-4486

PHONE: 9566789038

FAX:

COMMENTS: I am against allowing SpaceX to dump thousands of gallons of treated wastewater into the SouthBay. Dumping all of this wastewater not only would affect wildlife, but it would affect the local fish businesses, fishermen, and consumers. Time and time again we see the destruction dumping treated wastewater can have on not only the environment but to us the consumers. We need to unite to preserve the beauty of our beach and the wildlife that considers it home.

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Tuesday, October 15, 2024 5:04 PM
To: PUBCOMMENT-OCC2; PUBCOMMENT-OPIC; PUBCOMMENT-ELD; PUBCOMMENT-WQ
Subject: FW: Public comment on Permit Number WQ0005462000

Jesús Bárcena
Office of the Chief Clerk
Texas Commission on Environmental Quality
Office Phone: 512-239-3319

How is our customer service? Fill out our online customer satisfaction survey at:
www.tceq.texas.gov/customersurvey

From: annapgarza@gmail.com <annapgarza@gmail.com>
Sent: Tuesday, October 15, 2024 4:00 PM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER: 2024-1282-IWD-E

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: MS Anna Garza

EMAIL: annapgarza@gmail.com

COMPANY:

ADDRESS: 35731 CALLE PIZARRA PR
BROWNSVILLE TX 78520-4486

PHONE: 9566789038

FAX:

COMMENTS: I am against allowing SpaceX to dump thousands of gallons of treated wastewater into the SouthBay. Dumping all of this wastewater not only would affect wildlife, but it would affect the local fish businesses, fishermen, and consumers. Time and time again we see the destruction dumping treated wastewater can have on not only the environment but to us the consumers. We need to unite to preserve the beauty of our beach and the wildlife that considers it home.

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Wednesday, October 16, 2024 5:25 PM
To: PUBCOMMENT-OCC2; PUBCOMMENT-OPIC; PUBCOMMENT-ELD; PUBCOMMENT-WQ
Subject: FW: Public comment on Permit Number WQ0005462000

Jesús Bárcena
Office of the Chief Clerk
Texas Commission on Environmental Quality
Office Phone: 512-239-3319

How is our customer service? Fill out our online customer satisfaction survey at:
www.tceq.texas.gov/customersurvey

From: priscilla.garza143@gmail.com <priscilla.garza143@gmail.com>
Sent: Wednesday, October 16, 2024 5:12 AM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER:

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: Priscilla Garza

EMAIL: priscilla.garza143@gmail.com

COMPANY: Saving Creation Inc.

ADDRESS: 3715 LONGHORN CRK
SAN ANTONIO TX 78261-2698

PHONE: 3058491167

FAX:

COMMENTS: If the Texas Commission on Environmental Quality (TCEQ) were to evaluate SpaceX's application for a wastewater discharge permit for Boca Chica Beach, several factual points could be presented to argue for denying the permit. Here are some key facts and considerations:

1. **Endangered Species Habitat:** - Boca Chica Beach is part of the habitat for the endangered Kemp's ridley sea turtle, which is the most endangered sea turtle species in the world. Discharging polluted water could threaten their nesting and foraging habitats.
2. **Sensitive Ecosystems:** - The area includes coastal wetlands, dunes, and estuarine environments that are crucial for various species of wildlife, including migratory birds and other marine life. Pollution could disrupt these ecosystems and lead to loss of biodiversity.
3. **Water Quality Standards:** - Texas has specific water quality standards that aim to protect aquatic life and human health. If SpaceX's proposed discharge does not meet these standards, the permit should be denied to comply with state regulations.
4. **Potential Contaminants:** - The nature of the wastewater being discharged is critical. If it contains heavy metals, chemicals, or other hazardous substances related to rocket testing and launches, it could pose serious risks to the environment and public health.
5. **Public Health Risks:** - Polluted water can contaminate drinking water supplies and recreational waters, posing health risks to local residents and visitors. Studies have shown that exposure to certain pollutants can lead to serious health issues, including respiratory problems and long-term chronic diseases.
6. **Historical Precedents:** - There have been numerous instances where industrial discharges have led to significant environmental degradation. Learning from these past mistakes highlights the importance of erring on the side of caution regarding new permits.
7. **Opposition from Local Communities:** - Many local residents and environmental groups have voiced concerns regarding the potential negative impacts of wastewater discharge. Public opposition can be a significant factor in the decision-making process for permit approvals.
8. **Impact on Local Economy:** - Boca Chica Beach is a recreational area that supports local tourism and businesses. Pollution could deter visitors and negatively impact the economy, as many people are drawn to the area for its natural beauty and recreational opportunities.
9. **Lack of Comprehensive Environmental Impact Assessments:** - If there has not been a thorough environmental impact assessment (EIA) conducted to evaluate the potential effects of the discharge on local ecosystems, the permit should not be granted until such assessments are made.
10. **Legal and Regulatory Obligations:** - TCEQ has a legal obligation to protect water quality and the environment under the Clean Water Act and Texas state law. Granting a permit that could potentially harm the environment would contradict these obligations.
11. **Potential for Cumulative Impacts:** - The cumulative impact of multiple industrial activities in the area could exacerbate environmental degradation. Denying the permit could help mitigate these cumulative effects.
12. **Alternative Wastewater Management Options:** - There may be more effective and environmentally friendly alternatives for managing wastewater, such as advanced treatment technologies or reusing water, which SpaceX could be encouraged to pursue instead of discharging into a sensitive area.

These facts highlight the potential environmental, economic, and public health concerns associated with granting a wastewater discharge permit to SpaceX at Boca Chica Beach, providing a strong basis for the TCEQ to deny the application.

TCEQ Registration Form

October 17, 2024

Space Exploration Technologies Corp.
Proposed TPDES Permit No. WQ0005462000

PLEASE PRINT

Name: Agripina Gomez

Mailing Address: 9361 Cimarron St.

Physical Address (if different): _____

City/State: Brownsville, TX Zip: 78520

This information is subject to public disclosure under the Texas Public Information Act

Email: _____

Phone Number: (512) 893-4653

- Are you here today representing a municipality, legislator, agency, or group? ☐ Yes ☒ No

If yes, which one? _____

☒ Please add me to the mailing list.

☒ I wish to provide formal *ORAL COMMENTS* at tonight's public meeting.

☐ I wish to provide formal *WRITTEN COMMENTS* at tonight's public meeting.

(Written comments may be submitted at any time during the meeting)

Please give this form to the person at the information table. Thank you.

TCEQ Registration Form

October 17, 2024

Space Exploration Technologies Corp. Proposed TPDES Permit No. WQ0005462000

PLEASE PRINT

Name: Eric Gomez

Mailing Address: _____

Physical Address (if different): 512 West Mesquite

City/State: _____ Zip: _____

This information is subject to public disclosure under the Texas Public Information Act

Email: _____

Phone Number: () _____

- Are you here today representing a municipality, legislator, agency, or group? ☐ Yes ☐ No

If yes, which one? _____

RECEIVED

OCT 17 2024

AT PUBLIC MEETING

☐ Please add me to the mailing list.

☐ I wish to provide formal *ORAL COMMENTS* at tonight's public meeting.

☒ I wish to provide formal *WRITTEN COMMENTS* at tonight's public meeting.

(Written comments may be submitted at any time during the meeting)

WE SHOULD ~~B~~ TELL ELON
TO TAKE HIS Robots and him
self to Mars and Never
come back.

Please give this form to the person at the information table. Thank you.

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Monday, October 14, 2024 9:03 AM
To: PUBCOMMENT-WQ; PUBCOMMENT-ELD; PUBCOMMENT-OCC2; PUBCOMMENT-OPIC
Subject: FW: Public comment on Permit Number WQ0005462000

From: victoriagomez996721@gmail.com <victoriagomez996721@gmail.com>
Sent: Sunday, October 13, 2024 6:21 PM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER:

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: Victoria Gomez

EMAIL: victoriagomez996721@gmail.com

COMPANY:

ADDRESS: 1951 AQUARENA SPRINGS DR
SAN MARCOS TX 78666-8278

PHONE: 8312580500

FAX:

COMMENTS: Im not the only commenter against this so i will make my comment brief. I believe it's common sense that we should NOT allow space x to dump polluted water into boca chica OR send up rockets multiple times a year. Not only is polluted water obviously a NO from an environmental stand point but this behavior is disrupting the lives and homes (homes are shaking)people up to 50 miles away. If money is your drive then let me tell you it will not save you from the environmental destruction to come

from allowing these people to do as they please at the expense of the environment which is already suffering due to climate change and polluting waters and sending rockets up to space because they want to use the area as a playground will only expedite the climate crisis. Bless your hearts. Thanks.

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Monday, October 14, 2024 9:03 AM
To: PUBCOMMENT-WQ; PUBCOMMENT-ELD; PUBCOMMENT-OCC2; PUBCOMMENT-OPIC
Subject: FW: Public comment on Permit Number WQ0005462000

Associate to the permit item only.

From: victoriagomez996721@gmail.com <victoriagomez996721@gmail.com>
Sent: Sunday, October 13, 2024 6:23 PM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER: 2024-1282-IWD-E

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: Victoria Gomez

EMAIL: victoriagomez996721@gmail.com

COMPANY:

ADDRESS: 1951 AQUARENA SPRINGS DR
SAN MARCOS TX 78666-8278

PHONE: 8312580500

FAX:

COMMENTS: Im not the only commenter against this so i will make my comment brief. I believe it's common sense that we should NOT allow space x to dump polluted water into boca chica OR send up rockets multiple times a year. Not only is polluted water obviously a NO from an environmental stand point but this behavior is disrupting the lives and homes (homes are shaking)people up to 50 miles away. If money is your drive then let me tell you it will not save you from the environmental destruction to come

from allowing these people to do as they please at the expense of the environment which is already suffering due to climate change and polluting waters and sending rockets up to space because they want to use the area as a playground will only expedite the climate crisis. Bless your hearts. Thanks.

16

TCEQ Registration Form

October 17, 2024

Space Exploration Technologies Corp.
Proposed TPDES Permit No. WQ0005462000

PLEASE PRINT

Name: NOE GONZALEZ

Mailing Address: 254 SOUTH CENTRAL AVE. BROWNSVILLE TX. 77852

Physical Address (if different): SAME AS ABOVE!

City/State: BROWNSVILLE TX. Zip: 77852

This information is subject to public disclosure under the Texas Public Information Act

Email: _____

Phone Number: () _____

- Are you here today representing a municipality, legislator, agency, or group? ☐ Yes ☒ No

If yes, which one? MYSELF!

RECEIVED

OCT 17 2024

AT PUBLIC MEETING

☒ Please add me to the mailing list.

☒ I wish to provide formal *ORAL COMMENTS* at tonight's public meeting

☐ I wish to provide formal *WRITTEN COMMENTS* at tonight's public meeting.

(Written comments may be submitted at any time during the meeting)

NO!! TO Waste Dumping into SOUTH Bay!

Please give this form to the person at the information table. Thank you.

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Monday, July 29, 2024 3:34 PM
To: PUBCOMMENT-OCC2; PUBCOMMENT-OPIC; PUBCOMMENT-ELD; PUBCOMMENT-WQ
Subject: FW: Public comment on Permit Number WQ0005462000

PM

Jesús Bárcena
Office of the Chief Clerk
Texas Commission on Environmental Quality
Office Phone: 512-239-3319

How is our customer service? Fill out our online customer satisfaction survey at:
www.tceq.texas.gov/customersurvey

From: dgordon4@gmail.com <dgordon4@gmail.com>
Sent: Friday, July 26, 2024 5:36 AM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER:

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: David Gordon

EMAIL: dgordon4@gmail.com

COMPANY:

ADDRESS: 41 BETHPAGE DR
LAGUNA VISTA TX 78578-2863

PHONE: 5754150056

FAX:



COMMENTS: I am requesting that TCEQ hold a public meeting in Cameron County to address the issue of SpaceX's application for a Water Quality permit # WQ0005462000, to discharge deluge water into the area near the launch pad. SpaceX operations continue to change in ways that are unregulated with no regard for the surrounding sensitive ecosystem. The application as written lacks very important information regarding the design of the containment ponds and actual quantities and qualities of the industrial wastewater discharges over time. A public meeting, where the true scope of the operation can be explained, is required so that impacts on local populations, ecosystem, and wildlife, can be shared and understood.

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Tuesday, October 15, 2024 5:00 PM
To: PUBCOMMENT-OCC2; PUBCOMMENT-OPIC; PUBCOMMENT-ELD; PUBCOMMENT-WQ
Subject: FW: Public comment on Permit Number WQ0005462000

Jesús Bárcena
Office of the Chief Clerk
Texas Commission on Environmental Quality
Office Phone: 512-239-3319

How is our customer service? Fill out our online customer satisfaction survey at:
www.tceq.texas.gov/customersurvey

From: javierg@xrxinc.com <javierg@xrxinc.com>
Sent: Tuesday, October 15, 2024 11:46 AM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER: 2024-1282-IWD-E

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: Javier Granado

EMAIL: javierg@xrxinc.com

COMPANY:

ADDRESS: 1616 N JACKSON RD
EDINBURG TX 78541-8868

PHONE: 9568748728

FAX:

COMMENTS: We must not allow SpaceX to dump their treated waste water period! In South Bay? Are you kidding me? However, they have the money and the political clout to make things go their way. This "feedback" is just window dressing and an exercise in futility. They are SPACEX, for Christ's sake! Surely they can come up with a better solution, than using our pristine bay waters as their dumping ground

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Wednesday, September 25, 2024 11:57 AM
To: PUBCOMMENT-OCC2; PUBCOMMENT-OPIC; PUBCOMMENT-ELD; PUBCOMMENT-WQ
Subject: FW: Public comment on Permit Number WQ0005462000
Attachments: Attachment Tables Compared SpaceX.pdf

Jesús Bárcena
Office of the Chief Clerk
Texas Commission on Environmental Quality
Office Phone: 512-239-3319

How is our customer service? Fill out our online customer satisfaction survey at:
www.tceq.texas.gov/customersurvey

From: tonybites@yahoo.com <tonybites@yahoo.com>
Sent: Tuesday, September 24, 2024 8:05 PM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER: 2024-1282-IWD-E

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: DR. Andrew Granston

EMAIL: tonybites@yahoo.com

COMPANY:

ADDRESS: 11875 RIVER RIM RD
SAN DIEGO CA 92126-1150

PHONE: 8586958201



FAX:

COMMENTS: The tables in SpaceX's TCEQ-10053 include many mistakes. Attachment B is a table showing all the mistakes in Tables 1, 2, 15 and 16, and how they might be corrected. I identified these errors by carefully reviewing and comparing these documents: SPL Lab Results (page nos. "11 of 61" to "23 of 61"); Tables 1 and 2 from Item 2 (page nos. "20 of 83" and "21 of 83"); and Tables 15 and 16 from Item; 7 (page nos. "39 of 83" and "40 of 83").

SPL REPORT TCEQWQ0005462000 TCEQWQ0005462000

<u>Date</u>	<u>Test</u>	<u>Results</u>	<u>Table 1</u>	<u>Table 15</u>
	CBOD (s1)	2.05	2.08	2.05
	CBOD (s2)	<2.00	absent	absent
	Ammonia Nitrogen (1)	0.121	0.121	121
	Ammonia Nitrogen (2)	0.211	0.211	211
	Total organic nitrogen	<0.050	50	<0.050

<u>Date</u>	<u>Substance</u>	<u>Results</u>	<u>Table 2</u>	<u>Table 16</u>
	<i>Aluminum</i>			
5/29/24	Aluminum	0.0702	61.5	6.15
	<i>Chromium</i>	-		
5/29/24	Chromium, hexavalent	<3.00	<3.00	0
	<i>Mercury</i>			
5/29/24	Mercury (s1)	<0.113	113	<0.113
<i>unknown</i>	Mercury (s2)	Not found	139	0.139
	<i>Selenium</i>			
5/29/24	Selenium	0.00286	2.86	28.6

note: red numbers need to be changed

Office of the Chief Clerk, MC 105

TCEQ

PO Box 13087

Austin, TX, 78711-3087

Principal Name:

SPACE EXPLORATION TECHNOLOGIES CORP

Regulated Entity Name:

STARBASE LAUNCH SITE

TCEQ Docket No:

2024-1282-IWD-E

TCEQ Permit No.

WQ0005462000

CHIEF CLERKS OFFICE

2024 SEP 23 AM 10:17

TEXAS
COMMISSION
ON ENVIRONMENTAL
QUALITY

Public Comment re: STARBASE LAUNCH PAD SITE

Reviewed By EW

SEP 24 2024

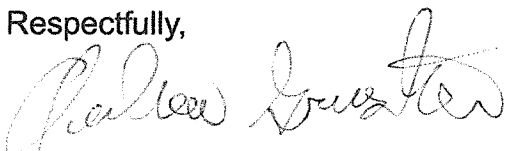
Starships Are Meant To Fly – and Land – Safely

The Starship Super Heavy Booster (SHB) is a huge structure – as tall as the Statue of Liberty and its pedestal. It has only been test-landed once, and it landed on fire. Every Starship that has landed in one piece has been on fire during, or immediately after, the landing (i.e., SN10, SN15 and IFT-4). SpaceX's other reusable launch vehicle, Falcon 9, didn't achieve a controlled ocean surface touchdown until its 6th attempt. It wasn't until flight 20 that it achieved a fully successful controlled vertical landing.

Nevertheless, SpaceX seems ready to attempt a controlled Starship SHB after the single water landing on IFT-4 ... even though that SHB was on fire as it landed. SpaceX has released some footage of the SHB landing, but that has been redacted so that it doesn't show the full extent and duration of the fire. This lack of transparency is worrisome. Releasing the entire unredacted SHB landing footage would help the public evaluate the risks of SHB landings.

In any event, there appears to be no special deluge system for landing and capturing a Super Heavy Booster (SHB) on Mechazilla. If the SHB lands on fire, it seems unlikely that the existing OLM deluge system will suffice to extinguish it. SpaceX should add a deluge system for SHB landing and capture.

Respectfully,



Andrew Granston

11875 River Rim Rd.

San Diego, CA, 92126

858-695-8201

Email: drewgranston@yahoo.com

P.S. The online address for submitting my comments on Docket No. 2024-1282-IWD-E (https://www14.tceq.texas.gov/epic/eComment/index.cfm?fuseaction=per.p3&PERMIT_NUM=WQ0005462000&item_id=936588722024219&itemm_count=2&back_command=SUBMIT) has not accepted my pdf files. So I have printed them out and am submitting these comments by mail.

STARSHIPS ARE MEANT TO FLY - AND LAND - SAFELY

Starship must fly—and land—safely. Unfortunately, every Starship that has landed in one piece has been on fire during, or immediately after, the landing.

There is a deluge system (aka water-cooled flame deflector system) at the base of the OLM and, according to SpaceX, the OLM deluge system operates “during static fire tests and launches to absorb the heat and vibration from the rocket engines firing.” (Ref. 1).

However, there is *no* special deluge system for landing and capture on Mechazilla. If the Super Heavy Booster lands on fire, it seems unlikely that the existing OLM deluge system will suffice to extinguish it.

SpaceX's biggest mistake to date was to launch IFT-1 without the OLM deluge system. The resulting damage to the OLM—and to SpaceX's reputation—was unnecessary. Are they on the precipice of repeating this mistake, by having no deluge system/flame diverter for the first landing and capture of a Super Heavy Booster (SHB), currently planned for IFT-5.

Initially, in 2020, SpaceX was “aspiring to have no flame diverter in Boca, but this could turn out to be a mistake” (Ref. 2). SpaceX then changed its mind and decided a deluge system was necessary. Construction of the deluge system began in early 2023: the day after the launch of IFT-1, SpaceX revealed that “3 months ago, we started building a massive water-cooled, steel plate to go under the launch mount. [But it] wasn't ready in time” (Ref. 3).

Nevertheless, even though the water deluge system wasn't ready, SpaceX launched IFT-1 on April 20, 2023. The OLM was damaged extensively. SpaceX explained this damage by saying “we wrongly thought, based on static fire data, that Fondag [a type of concrete] would make it through 1 launch” (Ref. 3).

SpaceX's IFT-1 launch predictions, based on incomplete testing, were incorrect.

Things are even worse for ITF-5: there are *no* test data for landing and catching a SHB. Thus, there is *no* way to predict the consequences resulting from a SHB landing and capture.

SpaceX should not get approval to land and be captured by Mechazilla at this time. Before that procedure happens, SpaceX needs to generate test data in order to be able to predict the effects of a SHB landing. SpaceX needs to design and construct a water deluge system for Mechazilla during Starship landings.

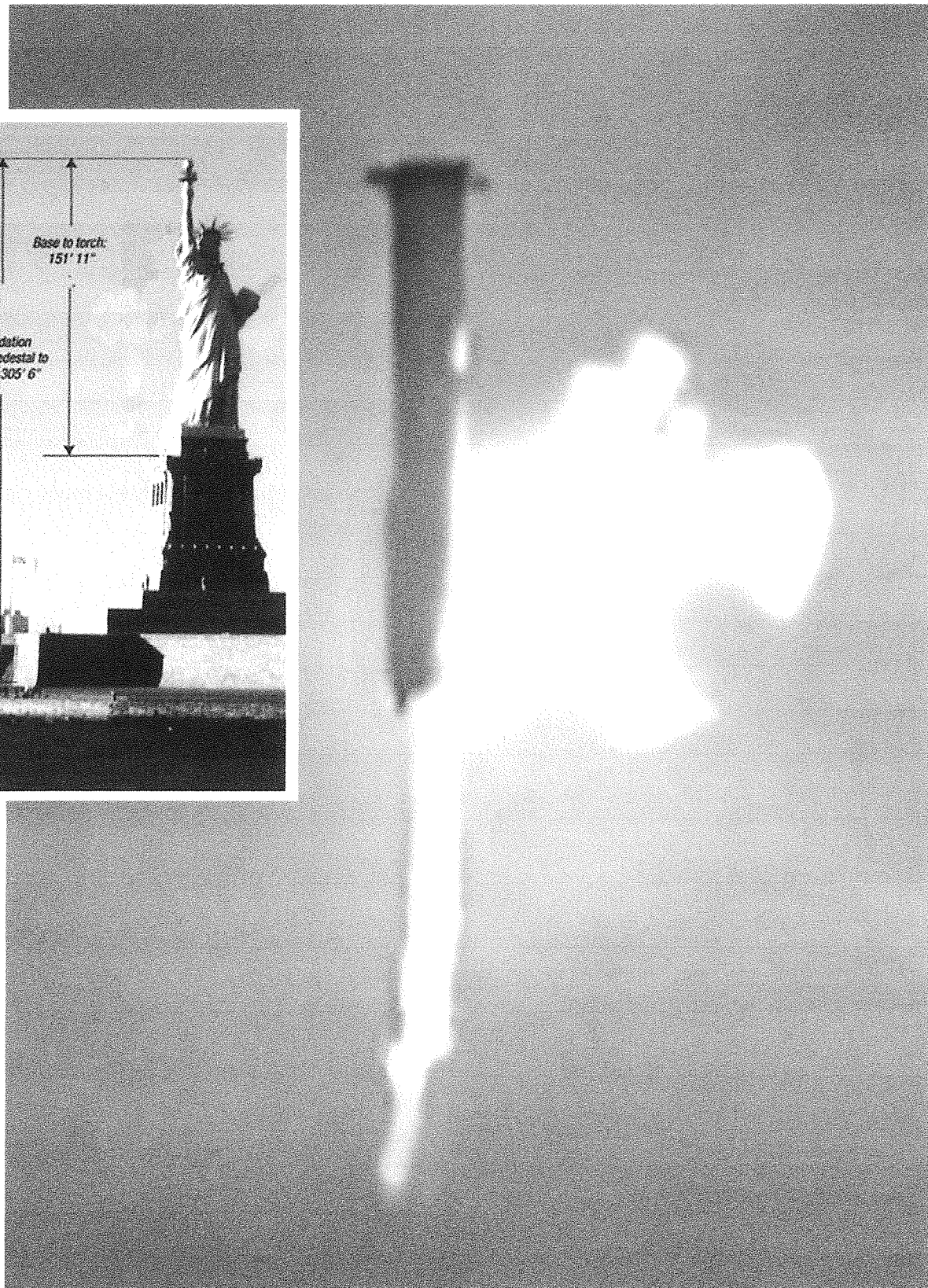
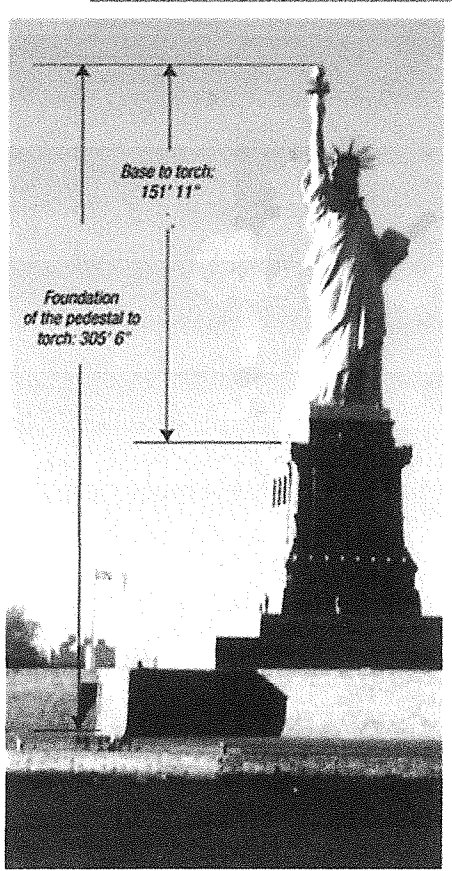
Testing should include static firings of a SHB that is suspended from Mechazilla's chopsticks in the same position as it will be at the moment of capture. This type of testing might sound dangerous; however, it is no more dangerous than a SHB landing. If SpaceX can't practice the landing, it won't be able to stick the landing on the first try.

SpaceX should use the time available before ITF-5 to (1) develop and test a deluge system for Mechazilla and (2) carry out test firings using a SHB that is suspended from the chopsticks.

P.S. The attached figures show landing of ITF-4 SHB and the deluge system for Saturn V.

References:

1. "STARSHIPS ARE MEANT TO FLY" posted by SpaceX on September 10, 2024 (<https://www.spacex.com/updates/?os=&ref=app>)
2. Tweet posted by Elon Musk on October 7, 2020
3. Tweet posted by Elon Musk on April 21, 2023



Landing of Super Heavy Booster during IFT-4. Insert shows the Statue of Liberty for comparison.

Water, Firex Systems Cool, Protect Pad A

From one minute before until five minutes after the launch of an Apollo/Saturn V space vehicle, the industrial water system at the launch pad uses more water than an average Brevard family would use in three years.

Some 350,000 to 400,000 gallons of water weighing about 1,660 tons is deluged on three areas of the launch pad at the rate of four and one half tons per second.

The water is delivered to the deck of the mobile launcher, the flame deflector in the trench beneath the engines and below and above the nine service swing arms on the launch tower by an intricate system of pumps, hydro-pneumatic tanks, valves and water lines.

The source for the water is a ground storage tank that holds more than a million gallons and the pad water pumping station.

FIREX SYSTEM

A vital Firex water supply system is designed to combat any fires in propellant storage areas, hydrants, hose reels and fire outlets in the launch area, and on the mobile launcher and mobile service structure.

Although the firex system is used only in case of fire, static pressure is maintained in the lines constantly.

Water for the ground storage

tank is supplied from the Cocoa city water system. Three 260-foot-deep wells adjacent to the pump station serve as a backup system, but can furnish 575 gallons per minute at launch time as a supplement to the Cocoa water.

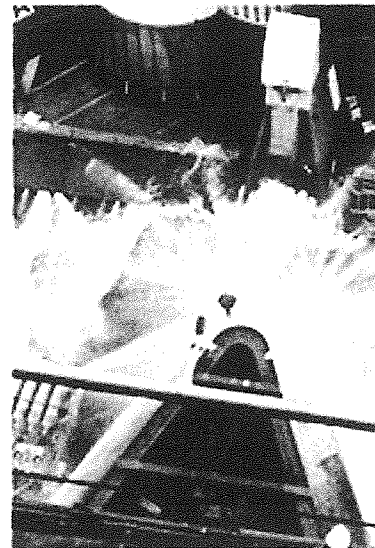
The pump station houses three 2,000-horsepower diesel pumps which can each provide 20,000 gallons of water per minute for the industrial system and two 700-horsepower pumps each providing 6,000 gallons per minute for the Firex system.

2 PUMPS ACTIVE

During a launch, however, only two of the industrial pumps are brought into service and the third, kept running, serves as a backup.

The industrial water system is under the supervision of Dr. Hans F. Gruene, Director of Launch Vehicle Operations. Don Seoville is Chief of the Ground Mechanical Systems Branch and Jim Tatum is the Systems Engineer in the Launcher and Environmental Section. Bob Cater of Boeing is the contractor supervisor.

The flame deflector cooling and quench process comes in two phases. At T-minus 60 seconds, 20 nozzles discharge 13,000 gallons of water per minute from the flame trench walls onto the



A MOBILE LAUNCHER deck water system test on Launch Complex 39 and fairings of an Apollo/Saturn top of picture.

sloping faces of the deflector to soak and cool the ablative coating in preparation for engine ignition.

The ignition of the engines starts the quench sequence, and 20 additional nozzles spraying 20,000 gallons per minute are added.

SHUT DOWN

After 30 seconds, the quench is shut down and the 20 cooling nozzles continue until about T-plus five minutes. Approximately 100,000 gallons of water is used in the deflector cooling and quench.

At T-minus zero in the countdown, the service swing arm quench is started. About 5,000 gallons of water per minute are sprayed on top and bottom of the nine service arms for five minutes.

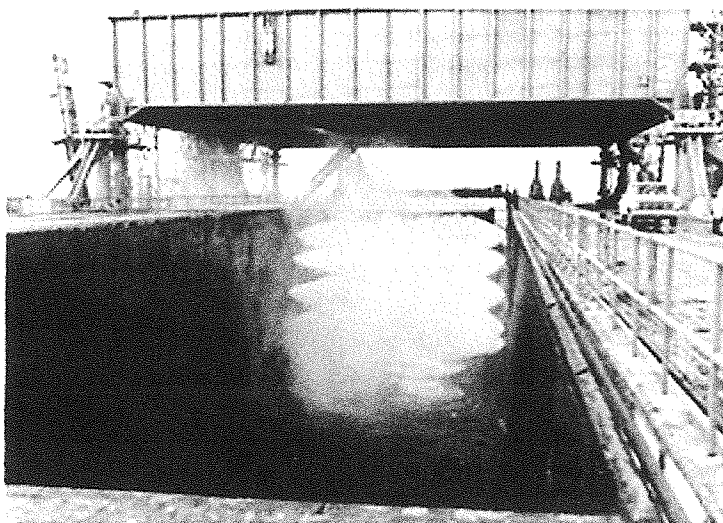
Usually, 25,000 to 30,000 gallons are used in this phase of the operation.

A 1,000-horsepower booster pump located on the launch pad lifts the water under pressure to the various swing arm levels up to a height of 320 feet.

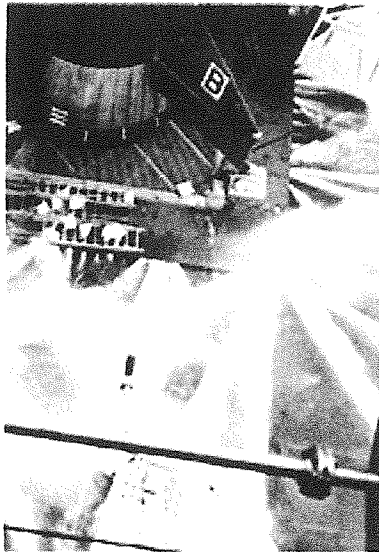
The cooling and quench system on the deck of the mobile launcher requires the greatest volume of water of any of the systems. It is designed to provide a water blanket over the entire area to reduce fire and heat damage to ground support equipment.

VALVES OPEN

At T-plus two seconds in the



DURING A test in the flame trench at Pad A, water under pressure spurts out as it does while the Saturn V first stage engines pour flames into the pit during launch.



Deck flush is conducted during a launch sequence. The fins of the Saturn V space vehicle are shown at the top of the frame.

launch sequence, the valves controlling the deck quench are opened, spewing out approximately 20,000 gallons in 32 seconds of operation.

This quench lasts during the time of engine thrust build-up, hold-down, and release and until the space vehicle is well clear of the tower.

After 32 seconds, the flow rate is reduced to 20,000 gallons per minute and continues for about four and one half to five minutes.

When the flames from the five powerful F-1 engines of the first stage hit the flooded flame trench and deck, great clouds of steam and vapor erupt.

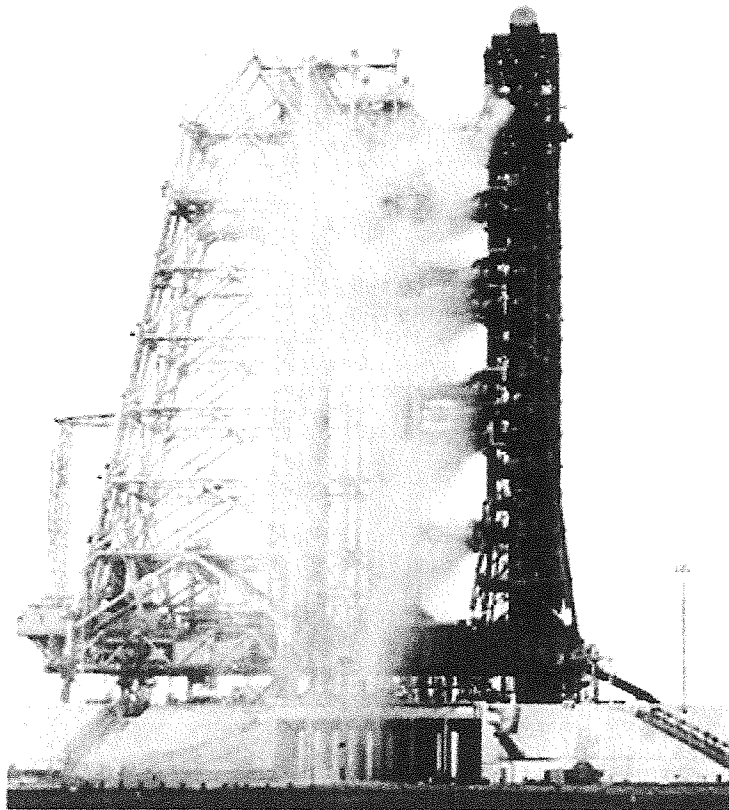
The Firex system is under the supervision of Robert E. Gorman, Director of Support Operations (SO). Under Gorman are E. F. Smith, head of SO's Launch Facilities Division, Joe Nelson, Chief of the Mechanical Branch, and Orville Walther has direct responsibility for the pad Firex system.

BENDIX OPERATES

The Bendix Launch Support Division is contracted to operate the Firex system. Key men working the system for Bendix are Ken Reedy, Jim Lindsey and Bob Kidder.

When the space vehicle is on the pad, the Firex system is in a fire-fighting mode, covering all levels of the MSS, and the Mobile Launcher.

(See WATER, Page 3)



AN INDUSTRIAL water system test is conducted on the east side of the Apollo/Saturn V space vehicle.

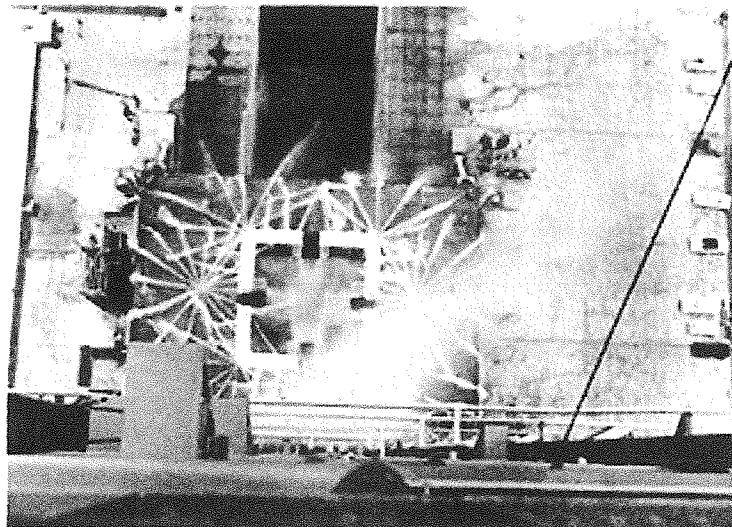
Water . . .

The numerous facets of the Firex system are controlled by an elaborate sensing and alarm system which can be activated remotely or locally to protect flight hardware and structures.

When water is put into use, the water level in the 4,000 gal-

lon hydro-pneumatic tank drops and a booster pump starts automatically, restoring desired pressure to all lines and assuring a steady supply for the system.

The propellant storage tanks are protected by a deluge system which uses a hydro-pneumatic tank as a source and pressurized lines as conduits for the water.



A WATER deluge test is run on the mobile launcher at Pad A.

FIRMLY TO SEAL

PRESS FIRMLY TO SEAL

Retail



U.S. POSTAGE PAID
PM
SAN DIEGO, CA 92126
SEP 18, 2024



78711

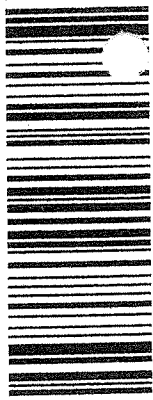
\$18.80

S2324M503162-13

RDC 03

FROM:

Andrew Granston
11875 River Rim Rd.
San Diego, CA
92126



0710 5270 1415 5711 06

INSURANCE INCLUDED *

PICKUP AVAILABLE

* Domestic only

RETURN RECEIPT
REQUESTED

RETURN RECEIPT
REQUESTED

TO:

Office of the Chief Clerk, MC 105
TCEQ
PO Box 13087
Austin, TX
78711-3087

USE INTERNATIONALLY,
CUSTOMS DECLARATION
FORM MAY BE REQUIRED.



201410 598310 331110

TCEQ Docket No: 2024-1282-IWD-E

TCEQ Permit No.: WQ0005462000

71 08 14 32 12 14 14
VISIT US A

SPMM®

UNITED STATES

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Wednesday, September 18, 2024 9:51 AM
To: PUBCOMMENT-WQ; PUBCOMMENT-ELD; PUBCOMMENT-OCC2; PUBCOMMENT-OPIC
Subject: FW: Public comment on Permit Number WQ0005462000
Attachments: STARSHIPS ARE MEANT TO FLY - AND LAND - SAFELY FIN comp.pdf

From: tonybites@yahoo.com <tonybites@yahoo.com>
Sent: Tuesday, September 17, 2024 2:22 PM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER: 2024-1282-IWD-E

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: Drew Granston

EMAIL: tonybites@yahoo.com

COMPANY:

ADDRESS: 11875 RIVER RIM RD
SAN DIEGO CA 92126-1150

PHONE: 8586958201

FAX:

COMMENTS: See attached file.

STARSHIPS ARE MEANT TO FLY - AND LAND - SAFELY

Starship must fly—and land—safely. Unfortunately, every Starship that has landed in one piece has been on fire during, or immediately after, the landing.

There is a deluge system (aka water-cooled flame deflector system) at the base of the OLM and, according to SpaceX, the OLM deluge system operates “during static fire tests and launches to absorb the heat and vibration from the rocket engines firing.” (Ref. 1).

However, there is *no* special deluge system for landing and capture on Mechazilla. If the Super Heavy Booster lands on fire, it seems unlikely that the existing OLM deluge system will suffice to extinguish it.

SpaceX's biggest mistake to date was to launch IFT-1 without the OLM deluge system. The resulting damage to the OLM—and to SpaceX's reputation—was unnecessary. Are they on the precipice of repeating this mistake, by having no deluge system/flame diverter for the first landing and capture of a Super Heavy Booster (SHB), currently planned for IFT-5.

Initially, in 2020, SpaceX was “aspiring to have no flame diverter in Boca, but this could turn out to be a mistake” (Ref. 2). SpaceX then changed its mind and decided a deluge system was necessary. Construction of the deluge system began in early 2023: the day after the launch of IFT-1, SpaceX revealed that “3 months ago, we started building a massive water-cooled, steel plate to go under the launch mount. [But it] wasn't ready in time” (Ref. 3).

Nevertheless, even though the water deluge system wasn't ready, SpaceX launched IFT-1 on April 20, 2023. The OLM was damaged extensively. SpaceX explained this damage by saying “we wrongly thought, based on static fire data, that Fondag [a type of concrete] would make it through 1 launch” (Ref. 3).

SpaceX's IFT-1 launch predictions, based on incomplete testing, were incorrect.

Things are even worse for ITF-5: there are *no* test data for landing and catching a SHB. Thus, there is *no* way to predict the consequences resulting from a SHB landing and capture.

SpaceX should not get approval to land and be captured by Mechazilla at this time. Before that procedure happens, SpaceX needs to generate test data in order to be able to predict the effects of a SHB landing. SpaceX needs to design and construct a water deluge system for Mechazilla during Starship landings.

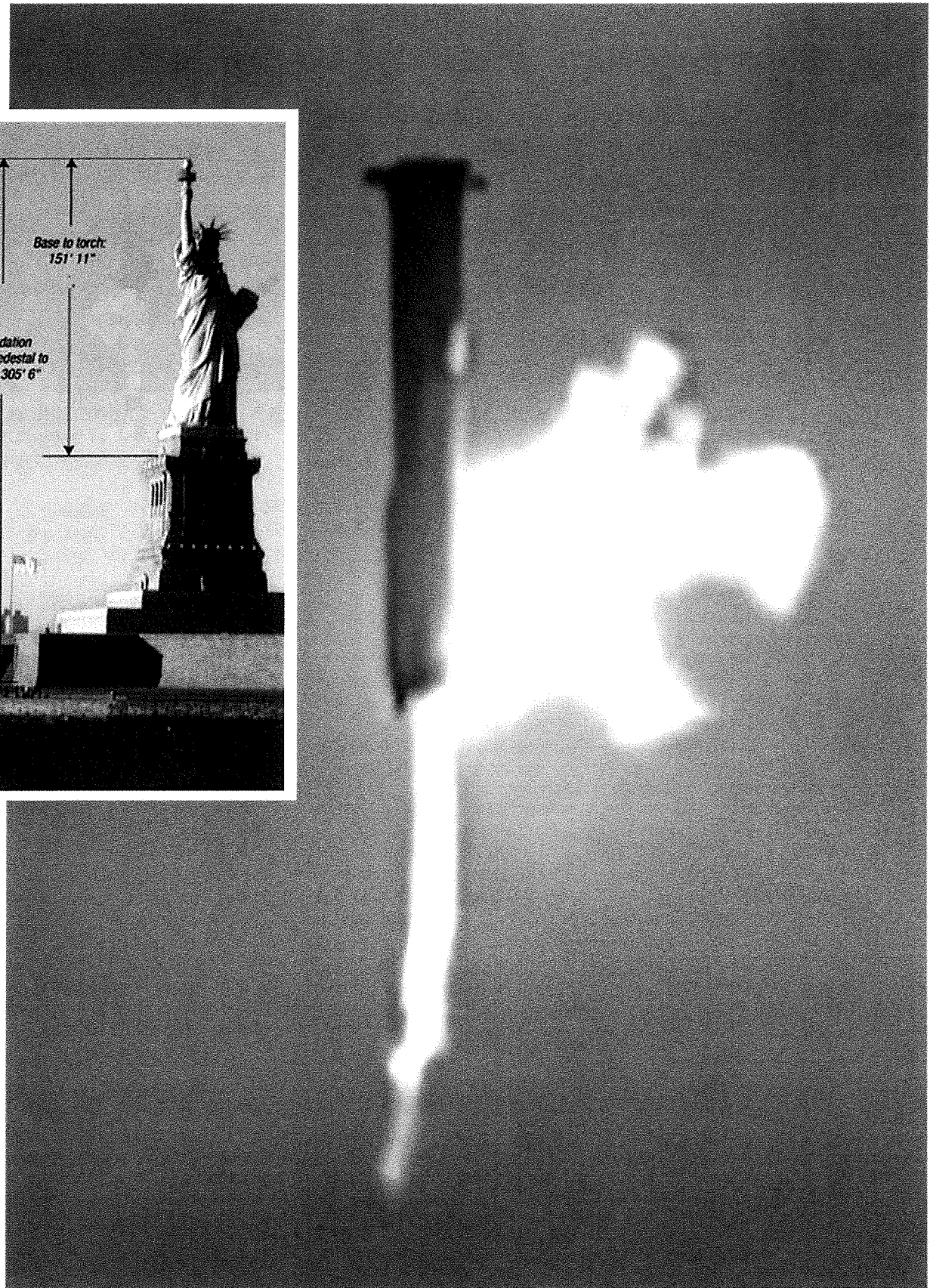
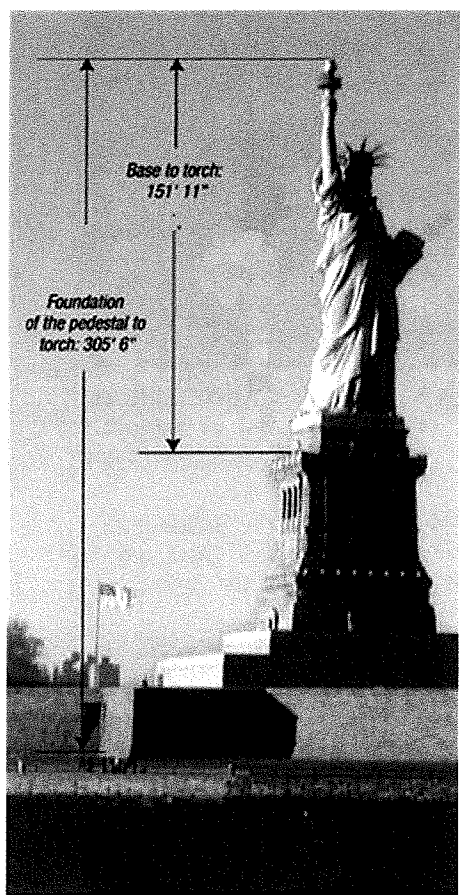
Testing should include static firings of a SHB that is suspended from Mechazilla's chopsticks in the same position as it will be at the moment of capture. This type of testing might sound dangerous; however, it is no more dangerous than a SHB landing. If SpaceX can't practice the landing, it won't be able to stick the landing on the first try.

SpaceX should use the time available before ITF-5 to (1) develop and test a deluge system for Mechazilla and (2) carry out test firings using a SHB that is suspended from the chopsticks.

P.S. The attached figures show landing of ITF-4 SHB and the deluge system for Saturn V.

References:

1. "STARSHIPS ARE MEANT TO FLY" posted by SpaceX on September 10, 2024 (<https://www.spacex.com/updates/?os=&ref=app>)
2. Tweet posted by Elon Musk on October 7, 2020
3. Tweet posted by Elon Musk on April 21, 2023



Landing of Super Heavy Booster during IFT-4. Insert shows the Statue of Liberty for comparison.

Water, Firex Systems Cool, Protect Pad A

From one minute before until five minutes after the launch of an Apollo/Saturn V space vehicle, the industrial water system at the launch pad uses more water than an average Brevard family would use in three years.

Some 350,000 to 400,000 gallons of water weighing about 1,660 tons is deluged on three areas of the launch pad at the rate of four and one half tons per second.

The water is delivered to the deck of the mobile launcher, the flame deflector in the trench beneath the engines and below and above the nine service swing arms on the launch tower by an intricate system of pumps, hydro-pneumatic tanks, valves and water lines.

The source for the water is a ground storage tank that holds more than a million gallons and the pad water pumping station.

FIREX SYSTEM

A vital Firex water supply system is designed to combat any fires in propellant storage areas, hydrants, hose reels and fire outlets in the launch area, and on the mobile launcher and mobile service structure.

Although the firex system is used only in case of fire, static pressure is maintained in the lines constantly.

Water for the ground storage

tank is supplied from the Cocoa city water system. Three 260-foot-deep wells adjacent to the pump station serve as a backup system, but can furnish 575 gallons per minute at launch time as a supplement to the Cocoa water.

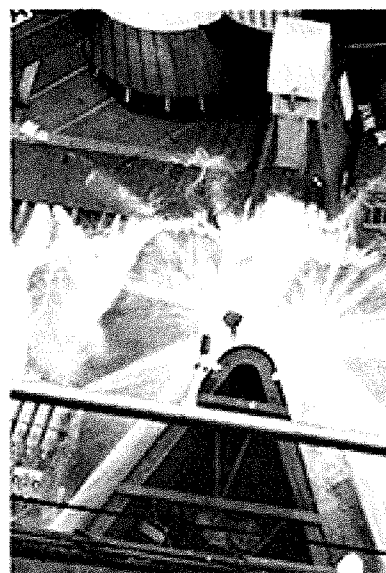
The pump station houses three 2,000-horsepower diesel pumps which can each provide 20,000 gallons of water per minute for the industrial system and two 700-horsepower pumps each providing 6,000 gallons per minute for the Firex system.

2 PUMPS ACTIVE

During a launch, however, only two of the industrial pumps are brought into service and the third, kept running, serves as a backup.

The industrial water system is under the supervision of Dr. Hans F. Gruene, Director of Launch Vehicle Operations. Don Scoville is Chief of the Ground Mechanical Systems Branch and Jim Tatum is the Systems Engineer in the Launcher and Environmental Section. Bob Cater of Boeing is the contractor supervisor.

The flame deflector cooling and quench process comes in two phases. At T-minus 60 seconds, 20 nozzles discharge 13,000 gallons of water per minute from the flame trench walls onto the



A MOBILE LAUNCHER deck water system test on Launch C and fairings of an Apollo/Saturn top of picture.

sloping faces of the deflector to soak and cool the ablative coating in preparation for engine ignition.

The ignition of the engines starts the quench sequence, and 20 additional nozzles spraying 20,000 gallons per minute are added.

SHUT DOWN

After 30 seconds, the quench is shut down and the 20 cooling nozzles continue until about T-plus five minutes. Approximately 100,000 gallons of water is used in the deflector cooling and quench.

At T-minus zero in the countdown, the service swing arm quench is started. About 5,000 gallons of water per minute are sprayed on top and bottom of the nine service arms for five minutes.

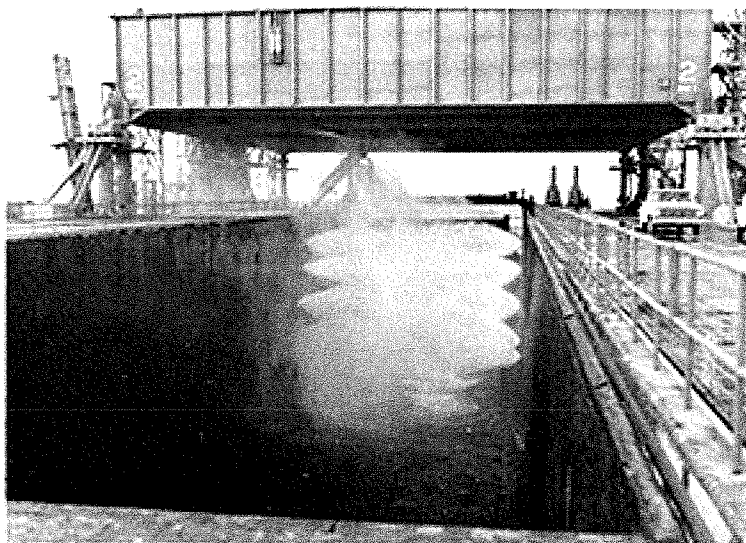
Usually, 25,000 to 30,000 gallons are used in this phase of the operation.

A 1,000-horsepower booster pump located on the launch pad lifts the water under pressure to the various swing arm levels up to a height of 320 feet.

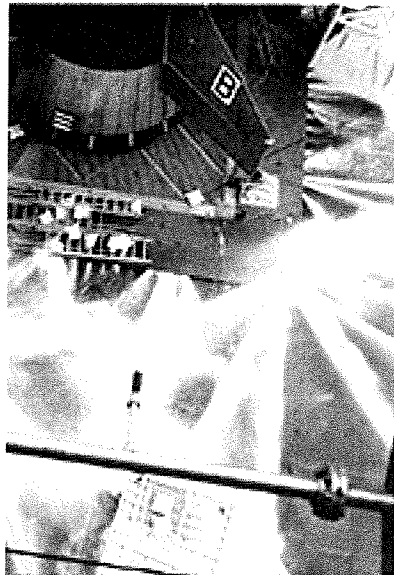
The cooling and quench system on the deck of the mobile launcher requires the greatest volume of water of any of the systems. It is designed to provide a water blanket over the entire area to reduce fire and heat damage to ground support equipment.

VALVES OPEN

At T-plus two seconds in the



DURING A test in the flame trench at Pad A, water under pressure spurts out as it does while the Saturn V first stage engines pour flames into the pit during launch.



Deck flush is conducted during a Complex 39's Pad A. The fins on V space vehicle are shown at

launch sequence, the valves controlling the deck quench are opened, spewing out approximately 29,300 gallons in 32 seconds of operation.

This quench lasts during the time of engine thrust build-up, holddown, and release and until the space vehicle is well clear of the tower.

After 32 seconds, the flow rate is reduced to 20,000 gallons per minute and continues for about four and one half to five minutes.

When the flames from the five powerful F-1 engines of the first stage hit the flooded flame trench and deck, great clouds of steam and vapor erupt.

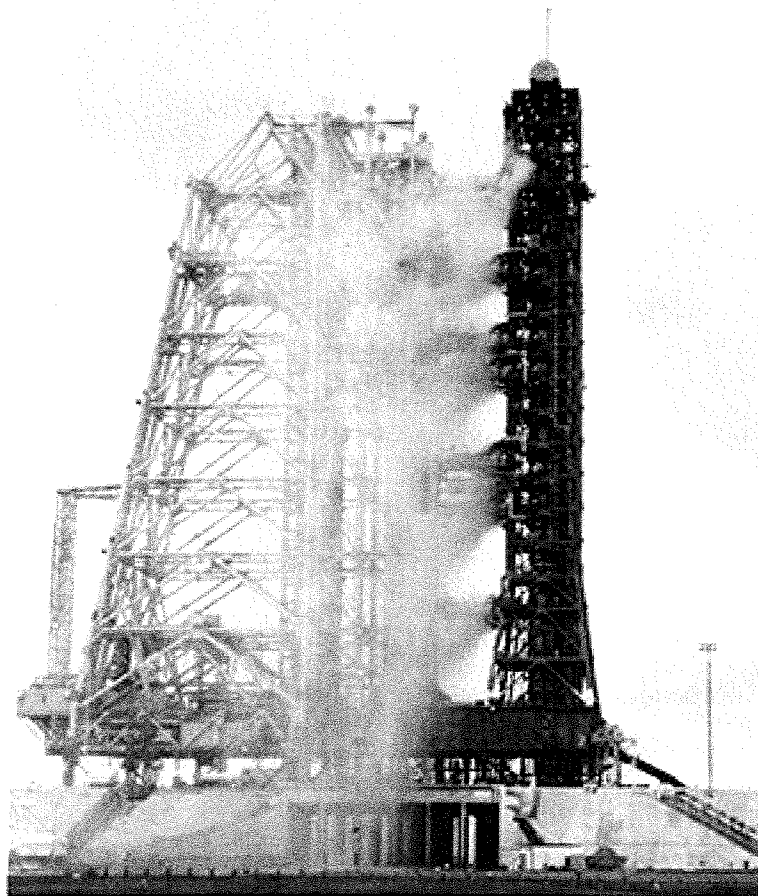
The Firex system is under the supervision of Robert E. Gorman, Director of Support Operations (SO). Under Gorman are E. F. Smith, head of SO's Launch Facilities Division, Joe Nelson, Chief of the Mechanical Branch, and Orville Wahnert has direct responsibility for the pad Firex system.

BENDIX OPERATES

The Bendix Launch Support Division is contracted to operate the Firex system. Key men working the system for Bendix are Ken Reedy, Jim Lindsey and Bob Kidder.

When the space vehicle is on the pad, the Firex system is in a fire-fighting mode, covering all levels of the MSS, and the Mobile Launcher.

(See WATER, Page 3)



AN INDUSTRIAL water system test is conducted on the east side of the Apollo/Saturn V space vehicle.

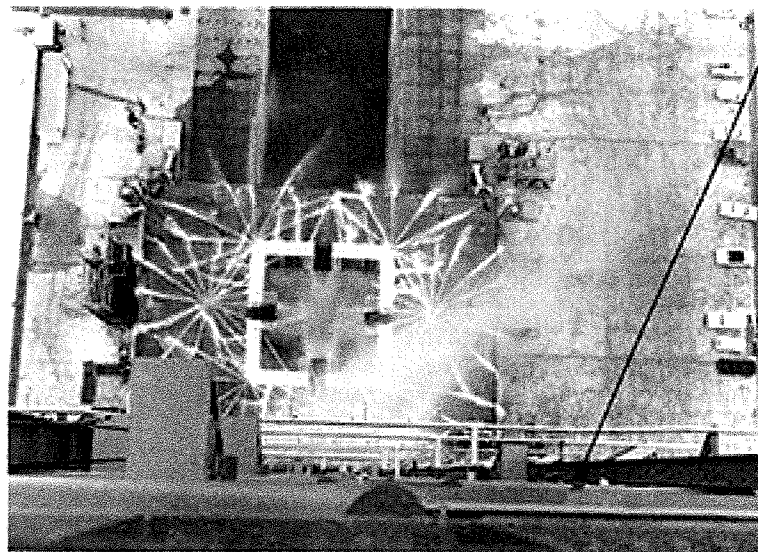
Water . . .

The numerous facets of the Firex system are controlled by an elaborate sensing and alarm system which can be activated remotely or locally to protect flight hardware and structures.

When water is put into use, the water level in the 4,000 gal-

lon hydro-pneumatic tank drops and a booster pump starts automatically, restoring desired pressure to all lines and assuring a steady supply for the system.

The propellant storage tanks are protected by a deluge system which uses a hydro-pneumatic tank as a source and pressurized lines as conduits for the water.



A WATER deluge test is run on the mobile launcher at Pad A.

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Wednesday, September 18, 2024 9:51 AM
To: PUBCOMMENT-WQ; PUBCOMMENT-ELD; PUBCOMMENT-OCC2; PUBCOMMENT-OPIC
Subject: FW: Public comment on Permit Number WQ0005462000
Attachments: STARSHIPS ARE MEANT TO FLY - AND LAND - SAFELY FIN.pdf

eComment = comment
Attachment = comment

From: drewgranston@yahoo.com <drewgranston@yahoo.com>
Sent: Tuesday, September 17, 2024 2:14 PM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER: 2024-1282-IWD-E

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: DR. Andrew Granston

EMAIL: drewgranston@yahoo.com

COMPANY:

ADDRESS: 11875 RIVER RIM RD
SAN DIEGO CA 92126-1150

PHONE: 8586958201

FAX:

COMMENTS: Starships Are Meant To Fly – and Land – Safely Heavy Booster (SHB) is a huge structure – as tall as the Statue of Liberty and its pedestal. It has only been test-landed once, and it landed on fire. Every Starship that has landed in one piece has been on fire during, or immediately after, the landing (i.e., SN10, SN15 and IFT-4). SpaceX's other reusable launch vehicle, Falcon 9, didn't achieve a controlled

ocean surface touchdown until its 6th attempt. It wasn't until flight 20 that it achieved a fully successful controlled vertical landing. Now, SpaceX seems ready to attempt a controlled Starship SHB after the single water landing on IFT-4 ... even though that SHB was on fire as it landed. SpaceX has released some footage of the SHB landing, but that has been redacted so that it doesn't show the full extent and duration of the fire. This lack of transparency is worrisome. Releasing the entire unredacted SHB landing footage would help NASA, the FAA – and the public – to evaluate the risks of SHB landings. In any event, there appears to be no special deluge system for landing and capturing a Super Heavy Booster (SHB) on Mechazilla. If the SHB lands on fire, it seems unlikely that the existing OLM deluge system will suffice to extinguish it. The attached pdf file details these concerns.

STARSHIPS ARE MEANT TO FLY - AND LAND - SAFELY

Starship must fly—and land—safely. Unfortunately, every Starship that has landed in one piece has been on fire during, or immediately after, the landing.

There is a deluge system (aka water-cooled flame deflector system) at the base of the OLM and, according to SpaceX, the OLM deluge system operates “during static fire tests and launches to absorb the heat and vibration from the rocket engines firing.” (Ref. 1).

However, there is *no* special deluge system for landing and capture on Mechazilla. If the Super Heavy Booster lands on fire, it seems unlikely that the existing OLM deluge system will suffice to extinguish it.

SpaceX's biggest mistake to date was to launch IFT-1 without the OLM deluge system. The resulting damage to the OLM—and to SpaceX's reputation—was unnecessary. Are they on the precipice of repeating this mistake, by having no deluge system/flame diverter for the first landing and capture of a Super Heavy Booster (SHB), currently planned for IFT-5.

Initially, in 2020, SpaceX was “aspiring to have no flame diverter in Boca, but this could turn out to be a mistake” (Ref. 2). SpaceX then changed its mind and decided a deluge system was necessary. Construction of the deluge system began in early 2023: the day after the launch of IFT-1, SpaceX revealed that “3 months ago, we started building a massive water-cooled, steel plate to go under the launch mount. [But it] wasn't ready in time” (Ref. 3).

Nevertheless, even though the water deluge system wasn't ready, SpaceX launched IFT-1 on April 20, 2023. The OLM was damaged extensively. SpaceX explained this damage by saying “we wrongly thought, based on static fire data, that Fondag [a type of concrete] would make it through 1 launch” (Ref. 3).

SpaceX's IFT-1 launch predictions, based on incomplete testing, were incorrect.

Things are even worse for ITF-5: there are *no* test data for landing and catching a SHB. Thus, there is *no* way to predict the consequences resulting from a SHB landing and capture.

SpaceX should not get approval to land and be captured by Mechazilla at this time. Before that procedure happens, SpaceX needs to generate test data in order to be able to predict the effects of a SHB landing. SpaceX needs to design and construct a water deluge system for Mechazilla during Starship landings.

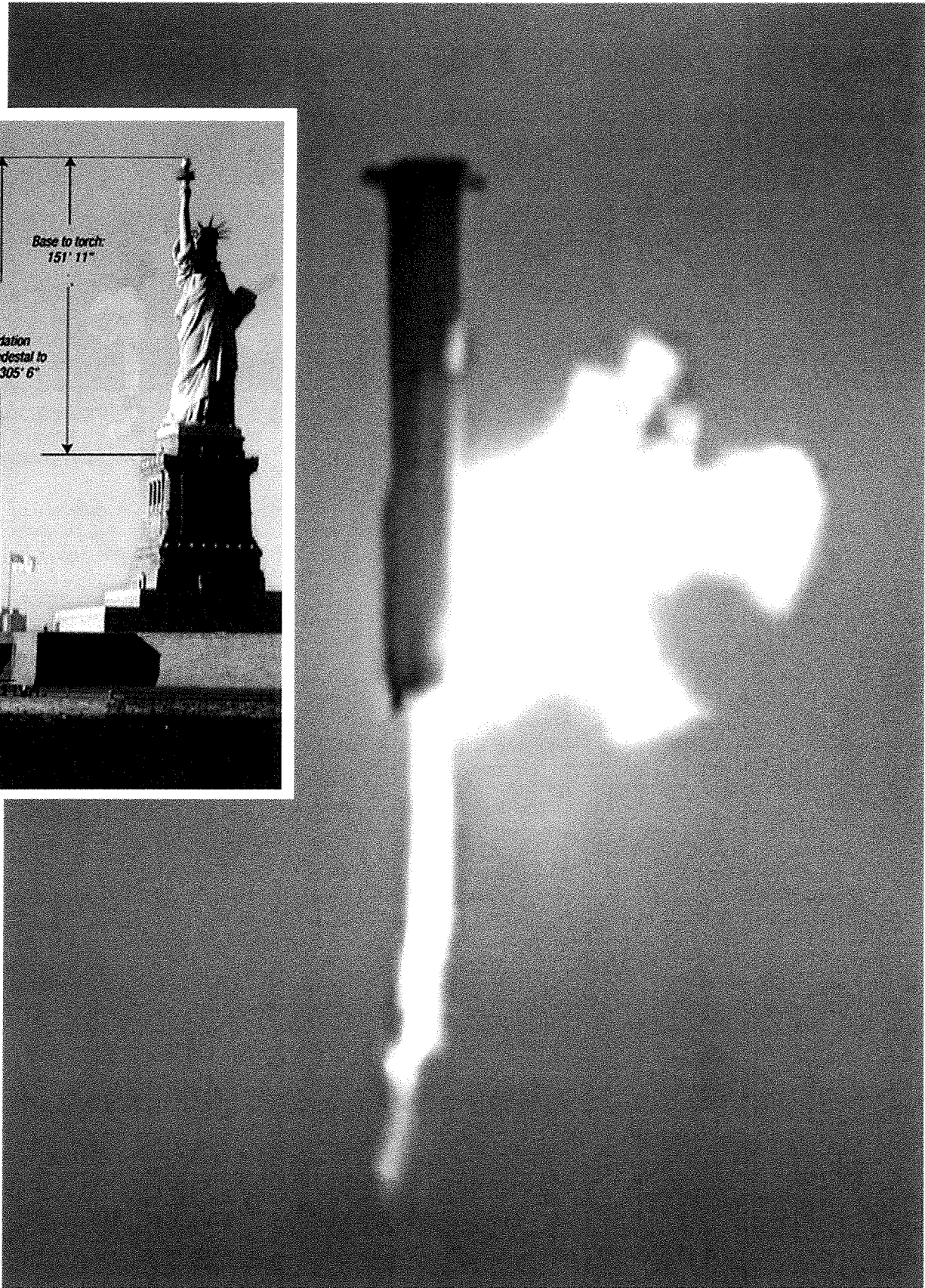
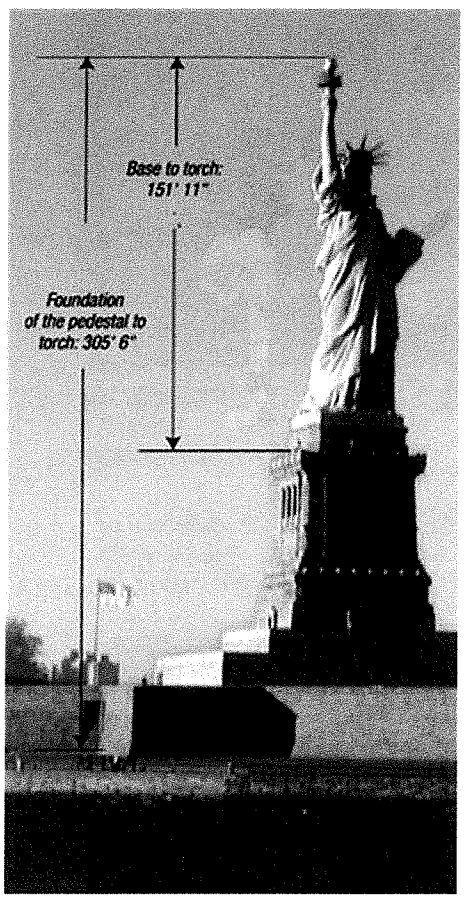
Testing should include static firings of a SHB that is suspended from Mechazilla's chopsticks in the same position as it will be at the moment of capture. This type of testing might sound dangerous; however, it is no more dangerous than a SHB landing. If SpaceX can't practice the landing, it won't be able stick the landing on the first try.

SpaceX should use the time available before ITF-5 to (1) develop and test a deluge system for Mechazilla and (2) carry out test firings using a SHB that is suspended from the chopsticks.

P.S. The attached figures show landing of ITF-4 SHB and the deluge system for Saturn V.

References:

1. "STARSHIPS ARE MEANT TO FLY" posted by SpaceX on September 10, 2024 (<https://www.spacex.com/updates/?os=&ref=app>)
2. Tweet posted by Elon Musk on October 7, 2020
3. Tweet posted by Elon Musk on April 21, 2023



Landing of Super Heavy Booster during IFT-4. Insert shows the Statue of Liberty for comparison.

Water, Firex Systems Cool, Protect Pad A

From one minute before until five minutes after the launch of an Apollo/Saturn V space vehicle, the industrial water system at the launch pad uses more water than an average Brevard family would use in three years.

Some 350,000 to 400,000 gallons of water weighing about 1,660 tons is deluged on three areas of the launch pad at the rate of four and one half tons per second.

The water is delivered to the deck of the mobile launcher, the flame deflector in the trench beneath the engines and below and above the nine service swing arms on the launch tower by an intricate system of pumps, hydro-pneumatic tanks, valves and water lines.

The source for the water is a ground storage tank that holds more than a million gallons and the pad water pumping station.

FIREX SYSTEM

A vital Firex water supply system is designed to combat any fires in propellant storage areas, hydrants, hose reels and fire outlets in the launch area, and on the mobile launcher and mobile service structure.

Although the firex system is used only in case of fire, static pressure is maintained in the lines constantly.

Water for the ground storage

tank is supplied from the Cocoa city water system. Three 260-foot-deep wells adjacent to the pump station serve as a backup system, but can furnish 575 gallons per minute at launch time as a supplement to the Cocoa water.

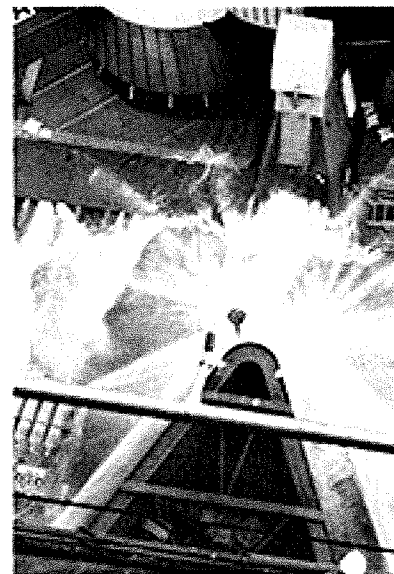
The pump station houses three 2,000-horsepower diesel pumps which can each provide 20,000 gallons of water per minute for the industrial system and two 700-horsepower pumps each providing 6,000 gallons per minute for the Firex system.

2 PUMPS ACTIVE

During a launch, however, only two of the industrial pumps are brought into service and the third, kept running, serves as a backup.

The industrial water system is under the supervision of Dr. Hans F. Gruene, Director of Launch Vehicle Operations. Don Seoville is Chief of the Ground Mechanical Systems Branch and Jim Tatum is the Systems Engineer in the Launcher and Environmental Section. Bob Cater of Boeing is the contractor supervisor.

The flame deflector cooling and quench process comes in two phases. At T-minus 60 seconds, 20 nozzles discharge 13,000 gallons of water per minute from the flame trench walls onto the



A MOBILE LAUNCHER dec water system test on Launch C and fairings of an Apollo/Saturn top of picture.

sloping faces of the deflector to soak and cool the ablative coating in preparation for engine ignition.

The ignition of the engines starts the quench sequence, and 20 additional nozzles spraying 20,000 gallons per minute are added.

SHUT DOWN

After 30 seconds, the quench is shut down and the 20 cooling nozzles continue until about T-plus five minutes. Approximately 100,000 gallons of water is used in the deflector cooling and quench.

At T-minus zero in the countdown, the service swing arm quench is started. About 5,000 gallons of water per minute are sprayed on top and bottom of the nine service arms for five minutes.

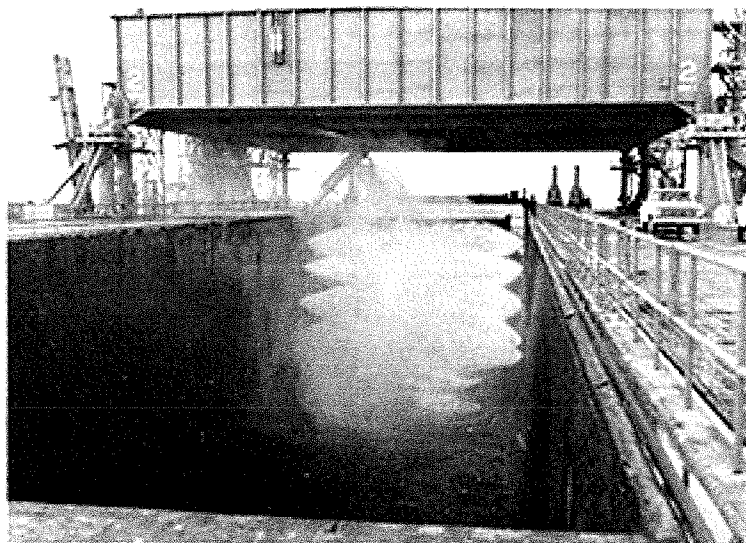
Usually, 25,000 to 30,000 gallons are used in this phase of the operation.

A 1,000-horsepower booster pump located on the launch pad lifts the water under pressure to the various swing arm levels up to a height of 320 feet.

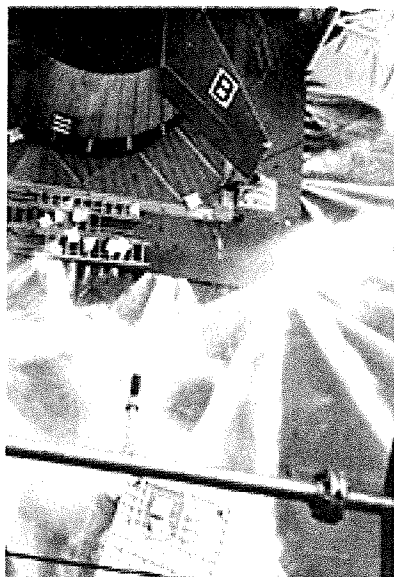
The cooling and quench system on the deck of the mobile launcher requires the greatest volume of water of any of the systems. It is designed to provide a water blanket over the entire area to reduce fire and heat damage to ground support equipment.

VALVES OPEN

At T-plus two seconds in the



DURING A test in the flame trench at Pad A, water under pressure spurts out as it does while the Saturn V first stage engines pour flames into the pit during launch.



Deck flush is conducted during a Complex 39's Pad A. The fins of the Saturn V space vehicle are shown at

launch sequence, the valves controlling the deck quench are opened, spewing out approximately 29,300 gallons in 32 seconds of operation.

This quench lasts during the time of engine thrust build-up, hold-down, and release and until the space vehicle is well clear of the tower.

After 32 seconds, the flow rate is reduced to 20,000 gallons per minute and continues for about four and one half to five minutes.

When the flames from the five powerful F-1 engines of the first stage hit the flooded flame trench and deck, great clouds of steam and vapor erupt.

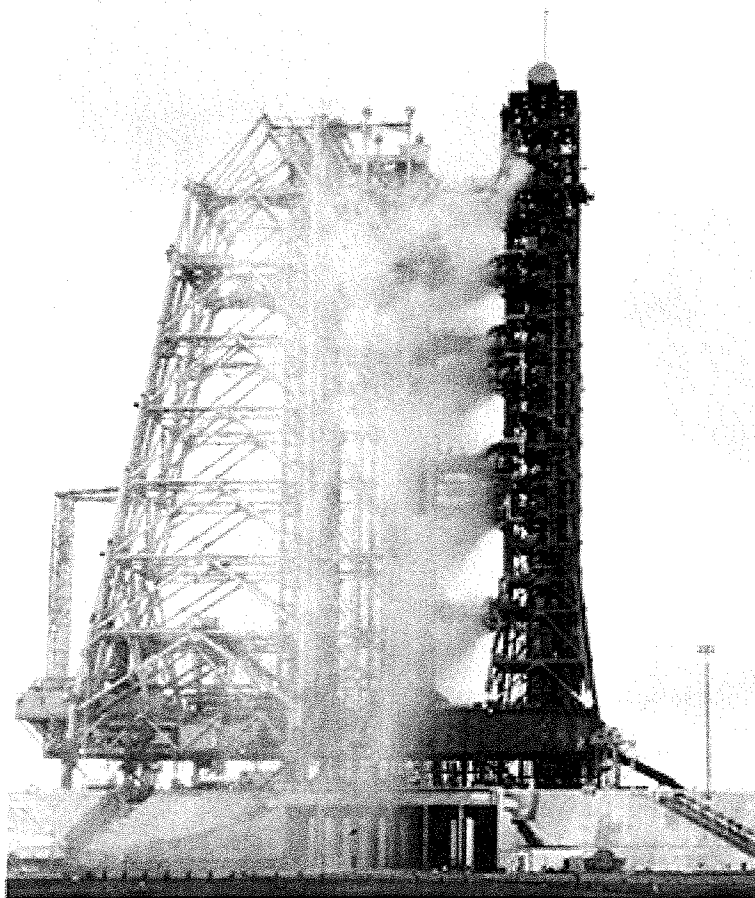
The Firex system is under the supervision of Robert E. Gorman, Director of Support Operations (SO). Under Gorman are E. F. Smith, head of SO's Launch Facilities Division, Joe Nelson, Chief of the Mechanical Branch, and Orville Walther has direct responsibility for the pad Firex system.

BENDIX OPERATES

The Bendix Launch Support Division is contracted to operate the Firex system. Key men working the system for Bendix are Ken Reedy, Jim Lindsey and Bob Kidder.

When the space vehicle is on the pad, the Firex system is in a fire-fighting mode, covering all levels of the MSS, and the Mobile Launcher.

(See WATER, Page 3)



AN INDUSTRIAL water system test is conducted on the east side of the Apollo/Saturn V space vehicle.

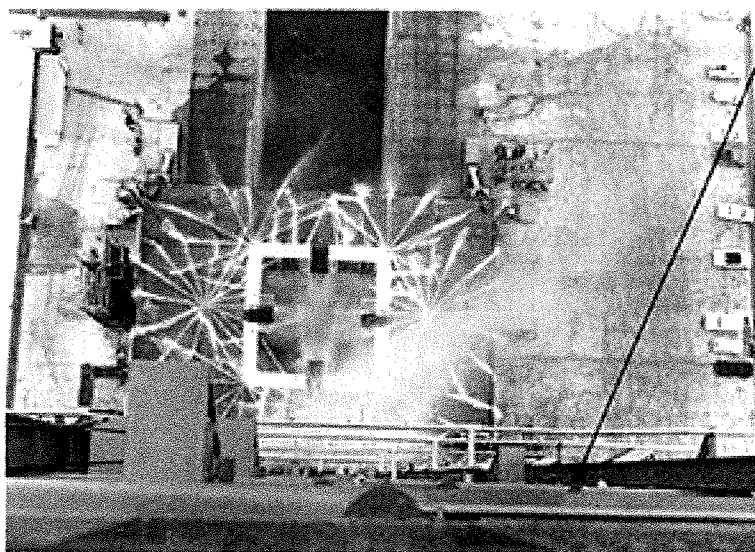
Water . . .

The numerous facets of the Firex system are controlled by an elaborate sensing and alarm system which can be activated remotely or locally to protect flight hardware and structures.

When water is put into use, the water level in the 4,000 gal-

lon hydro-pneumatic tank drops and a booster pump starts automatically, restoring desired pressure to all lines and assuring a steady supply for the system.

The propellant storage tanks are protected by a deluge system which uses a hydro-pneumatic tank as a source and pressurized lines as conduits for the water.



A WATER deluge test is run on the mobile launcher at Pad A.

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Monday, September 16, 2024 3:10 PM
To: PUBCOMMENT-OCC2; PUBCOMMENT-OPIC; PUBCOMMENT-ELD; PUBCOMMENT-WQ
Subject: FW: Public comment on Permit Number WQ0005462000
Attachments: Comment - more than mercury.pdf

Jesús Bárcena
Office of the Chief Clerk
Texas Commission on Environmental Quality
Office Phone: 512-239-3319

How is our customer service? Fill out our online customer satisfaction survey at:
www.tceq.texas.gov/customersurvey

From: drewgranston@yahoo.com <drewgranston@yahoo.com>
Sent: Monday, September 16, 2024 10:30 AM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER: 2024-1282-IWD-E

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: DR. Andrew Granston

EMAIL: drewgranston@yahoo.com

COMPANY:

ADDRESS: 11875 RIVER RIM RD
SAN DIEGO CA 92126-1150

PHONE: 8586958201

FAX:

COMMENTS: The recently reported “mercury problem” is only 1 of 10 mistakes in the Tables for SpaceX’s submission TCEQ-1003. In order to obtain a permit, SpaceX must correct all 10 mistakes in these tables. The attached pdf file identifies these 10 errors.

Re: SpaceX's submission TCEQ-10053
Permit No. WQ0005462000
RN111606745 - STARBASE LAUNCH PAD SITE

Summary

**The "mercury problem" is only 1 of 10 mistakes
in the Tables for SpaceX's submission TCEQ-1003.
In order to obtain a permit, SpaceX must correct all 10 mistakes.**

Data and Analysis

The "mercury problem" has not been properly addressed by SpaceX. There are many more mistakes in the tables for Items 2 and 7 in SpaceX's submission TCEQ-10053.

In SpaceX's Response regarding Worksheet 2.0 in TCEQ-10053, it says that sample 1 for total mercury on Table 2 should be "0.113 micrograms/L" and not "113 micrograms/L" as presented.

Correcting that single error is not enough. There are **TEN (10)** mistakes in Tables 1, 2, 15 and 16. These tables should be identical; they are not. Please note these discrepancies:

	<u>Table 1</u>	<u>Table 15</u>
CBOD (5-day)	2.08	2.05
Ammonia Nitrogen (1)	0.121	121
Ammonia Nitrogen (2)	0.211	211
Total organic nitrogen	50	<0.050

	<u>Table 2</u>	<u>Table 16</u>
Aluminum, total (2)	61.5	6.15
Chromium, hexavalent	<3.00	0
Mercury, total (1)	113	<0.113
Mercury total (2)	139	0.139
Selenium, total	2.86	28.6

Also, "Aluminum" is misspelled in Table 16.

Legal Actions

SpaceX should (a) Check and re-check and proofread Tables 1, 2, 15 and 16 until it's absolutely sure the numbers in them are correct; and (b) Submit the corrected worksheets.

These observations will be presented in the Public Comments for TCEQ-10053. SpaceX will have to make these corrections then. For the sake of expediency, I suggest they start now.

Andrew Granston
drewgranston@yahoo.com

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Friday, September 13, 2024 4:41 PM
To: PUBCOMMENT-OCC2; PUBCOMMENT-OPIC; PUBCOMMENT-ELD; PUBCOMMENT-WQ
Subject: FW: Public comment on Permit Number WQ0005462000
Attachments: STARSHIPS ARE MEANT TO FLY SAFE1.pdf

Jesús Bárcena
Office of the Chief Clerk
Texas Commission on Environmental Quality
Office Phone: 512-239-3319

How is our customer service? Fill out our online customer satisfaction survey at:
www.tceq.texas.gov/customersurvey

From: tonybites@yahoo.com <tonybites@yahoo.com>
Sent: Friday, September 13, 2024 4:05 PM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER: 2024-1282-IWD-E

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: DR. Andrew Granston

EMAIL: tonybites@yahoo.com

COMPANY:

ADDRESS: 11875 RIVER RIM RD
SAN DIEGO CA 92126-1150

PHONE: 8586958201

FAX:

COMMENTS: STARSHIPS ARE MEANT TO FLY SAFE I love Starship. But it must be able to fly—and land—safely. Otherwise, there is a risk that the public and congress will perceive Starship as being as big a turd as Starliner. Unfortunately, every Starship that has landed in one piece has been on fire during, or immediately after, the landing. There is a deluge system (aka water-cooled flame deflector system) at the base of the OLM and, according to SpaceX, the OLM deluge system operates “during static fire tests and launches to absorb the heat and vibration from the rocket engines firing.” (Ref. 1). However, there is no special deluge system for landing and capture on Mechazilla. If the Super Heavy Booster lands on fire, it seems unlikely that the existing OLM deluge system will suffice to extinguish it. SpaceX’s biggest mistake to date was to launch IFT-1 without a deluge system. The resulting damage to the OLM—and to SpaceX’s reputation—was unnecessary. They are on the precipice of repeating this mistake by having no deluge system/flame diverter for the first landing and capture of a Super Heavy Booster (SHB), currently planned for IFT-5. Initially, in 2020, SpaceX was “aspiring to have no flame diverter in Boca, but this could turn out to be a mistake” (Ref. 2). SpaceX then changed its mind and decided a deluge system was necessary. Construction of the deluge system began in early 2023: the day after the launch of IFT-1, SpaceX revealed that “3 months ago, we started building a massive water-cooled, steel plate to go under the launch mount. [But it] wasn’t ready in time” (Ref. 3). Nevertheless, even though the water deluge system wasn’t ready, SpaceX launched IFT-1 on April 20, 2023. The OLM was damaged extensively. Musk explained this damage by saying “we wrongly thought, based on static fire data, that Fondag [a type of concrete] would make it through 1 launch” (Ref. 3). SpaceX’s IFT-1 launch predictions, based on incomplete testing, were incorrect. Things are even worse for ITF-5: there are no test data for landing and catching a SHB. Thus, there is no way to predict the consequences resulting from a SHB landing. SpaceX should not get approval to land and be captured by Mechazilla at this time. Before that procedure happens, SpaceX needs to generate test data in order to be able to predict the effects of a SHB landing. SpaceX needs to design and construct a water deluge system for Mechazilla during Starship landings. Testing should include static firings of a SHB that is suspended from Mechazilla’s chopsticks in the same position as it will be at the moment of capture. This type of testing might sound dangerous; however, it is no more dangerous than a SHB landing. If SpaceX can’t practice the landing, it won’t be able stick the landing on the first try. SpaceX should use the time available before ITF-5 to (1) develop and test a deluge system for Mechazilla and (2) carry out test firings using a SHB that is suspended from the chopsticks. References: 1. “STARSHIPS ARE MEANT TO FLY” posted by SpaceX on September 10, 2024 (https://www.spacex.com/updates/?os=___&ref=app) 2. Tweet posted by Elon Musk on October 7, 2020 3. Tweet posted by Elon Musk on April 21, 2023

STARSHIPS ARE MEANT TO FLY SAFE

I love Starship. But it must be able to fly—and land—safely. Otherwise, there is a risk that the public and congress will perceive Starship as being as big a turd as Starliner.

Unfortunately, every Starship that has landed in one piece has been on fire during, or immediately after, the landing.

There is a deluge system (aka water-cooled flame deflector system) at the base of the OLM and, according to SpaceX, the OLM deluge system operates “during static fire tests and launches to absorb the heat and vibration from the rocket engines firing.” (Ref. 1).

However, there is *no* special deluge system for landing and capture on Mechazilla. If the Super Heavy Booster lands on fire, it seems unlikely that the existing OLM deluge system will suffice to extinguish it.

SpaceX's biggest mistake to date was to launch IFT-1 without a deluge system. The resulting damage to the OLM—and to SpaceX's reputation—was unnecessary. They are on the precipice of repeating this mistake by having no deluge system/flame diverter for the first landing and capture of a Super Heavy Booster (SHB), currently planned for IFT-5.

Initially, in 2020, SpaceX was “aspiring to have no flame diverter in Boca, but this could turn out to be a mistake” (Ref. 2). SpaceX then changed its mind and decided a deluge system was necessary. Construction of the deluge system began in early 2023: the day after the launch of IFT-1, SpaceX revealed that “3 months ago, we started building a massive water-cooled, steel plate to go under the launch mount. [But it] wasn't ready in time” (Ref. 3).

Nevertheless, even though the water deluge system wasn't ready, SpaceX launched IFT-1 on April 20, 2023. The OLM was damaged extensively. Musk explained this damage by

saying “we wrongly thought, based on static fire data, that Fondag [a type of concrete] would make it through 1 launch” (Ref. 3).

SpaceX's IFT-1 launch predictions, based on incomplete testing, were incorrect. Things are even worse for ITF-5: there are *no* test data for landing and catching a SHB. Thus, there is *no* way to predict the consequences resulting from a SHB landing.

SpaceX should not get approval to land and be captured by Mechazilla at this time. Before that procedure happens, SpaceX needs to generate test data in order to be able to predict the effects of a SHB landing. SpaceX needs to design and construct a water deluge system for Mechazilla during Starship landings.

Testing should include static firings of a SHB that is suspended from Mechazilla's chopsticks in the same position as it will be at the moment of capture. This type of testing might sound dangerous; however, it is no more dangerous than a SHB landing. If SpaceX can't practice the landing, it won't be able stick the landing on the first try.

SpaceX should use the time available before ITF-5 to (1) develop and test a deluge system for Mechazilla and (2) carry out test firings using a SHB that is suspended from the chopsticks.

References:

1. “STARSHIPS ARE MEANT TO FLY” posted by SpaceX on September 10, 2024 (<https://www.spacex.com/updates/?os=&ref=app>)
2. Tweet posted by Elon Musk on October 7, 2020
3. Tweet posted by Elon Musk on April 21, 2023

TCEQ Registration Form

October 17, 2024

Space Exploration Technologies Corp.
Proposed TPDES Permit No. WQ0005462000

PLEASE PRINT

Name: Victoria Guerra

Mailing Address: 1407 Daffodil Ave.; McAllen, TX 78501

Physical Address (if different): _____

City/State: McAllen, TX Zip: 78501

This information is subject to public disclosure under the Texas Public Information Act

Email: VGuerra276@aol.com

Phone Number: (956) ~~628~~ 227-2918

- Are you here today representing a municipality, legislator, agency, or group? ☐ Yes ☒ No

If yes, which one? _____



Please add me to the mailing list.



I wish to provide formal *ORAL COMMENTS* at tonight's public meeting.



I wish to provide formal *WRITTEN COMMENTS* at tonight's public meeting.

(Written comments may be submitted at any time during the meeting)

Please give this form to the person at the information table. Thank you.

Comments to TCEQ by Victoria Guerra on Permit No. WQ0005462000

1. The Draft Permit and the proposed discharge will not comply with the Texas Surface Water Quality Standards because the discharge will degrade water quality beyond a de minimis amount in violation of the Clean Water Act's anti-degradation policy. The discharge will impair the existing aquatic life and recreational uses in the receiving waters. The draft permit is based on effluent standards for stormwater discharges, but the discharges at issue are industrial and will contain metals like copper, zinc, nickel, mercury, thallium, and hexavalent chromium, a known carcinogen because of the addition of heat and ablation of metals from the rockets, which are not limited in the draft permit. It only requires SpaceX to "estimate" the total flow; so even if monitoring includes metals, there is no reliable measure of total loading of these metals into the environment.

2. The wastewater plan has big problems:

- It doesn't clearly say where the water goes.
- It doesn't explain well how the ~~contaminated~~ dirty water is made.
- It misses some pollutants in the water.
- The rules don't cover all the pollutants they should.

RECEIVED
OCT 17 2024
AT PUBLIC MEETING

The company says their system makes spray and vapor that goes far, even to beaches and bays. But they are not monitoring or checking the spray that spreads around. They have not tested the spray properly for pollutants or quantified it. They say they will "reuse" water to clean it, but that is not an appropriate treatment method.

3. The proposed discharge will threaten endangered species. Federal species with critical habitat in the receiving waters include the piping plover, and further downstream is a concern for loggerhead and green sea turtles.

4. The Applicant has a poor compliance history and has knowingly and intentionally violated the Clean Water Act on numerous occasions. For example, they were told point-blank in letters from EPA in March and April of this year that the deluge system requires an individual permit, but before obtaining one, SpaceX proceeded to use the deluge system for launches in April, June, and most recently, October without an individual permit. The Applicant feels it is above the law.

5. The application for the wastewater permit is not complete. It has problems with both paperwork and technical details. The review was done too quickly and the public should have more time to look at and comment on the plan.

For example:

- The company should have provided four water samples, but they only gave two.
- The given samples don't show what the real wastewater will be like.
- We don't know if the process or a history of how the samples were taken. If the samples were taken later, they might not show all the contaminants in the water.
- The plan does not properly explain how much water goes in and out of their system.
- It does not look at how rain or cleaning water might add to the pollution in the holding ponds or cause polluted water to leak into nearby areas.

6. The Draft Permit omits specific terms and conditions, and is unenforceable and risks SpaceX evading compliance with the Clean Water Act and Texas Surface Water Quality Standards. The permit application is vague in that requires that “sampling shall be conducted within one hour following the conclusion of the launch event and after it is deemed safe for sampling personnel to enter the sampling location.” Does this mean it has to occur within one hour after the launch or when it is safe for sampling personnel to enter the space? This arbitrariness and vagueness could lead to prolonged delays and could lead to the collection of non-representative samples due to the passage of time. This is especially alarming since there are alternative sampling methods that could be employed to capture wastewater immediately.

7. The draft permit has weak rules for checking and reporting water quality. This is a problem because:

1. It does not clearly describe how the polluted water is made.
2. It does not say where all the pollutants will end up.
3. It does not identify all possible pollutants.

Because of these issues, the current checking and reporting rules are not good enough. Even the suggestion to add more testing will not fix all the problems or give enough information to improve the permit in the future.

This means the permit might not meet Clean Water Act standards or Texas water quality rules.

8. The Draft Permit is not consistent with the goals and policies of the Texas Coastal Management Program. The SpaceX facility and this deluge system, as proposed, do not amount to protection or restoration of our Texas coastal communities or natural resources, nor can it be said to be responsible development.

Victoria Guerra
1407 Daffodil Ave.
McAllen, TX 78501
956-227-2918

*Victoria Guerra 956-227-2918 cell
submitted 10-17-2024*

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Friday, October 11, 2024 2:27 PM
To: PUBCOMMENT-OCC2; PUBCOMMENT-OPIC; PUBCOMMENT-ELD; PUBCOMMENT-WQ
Subject: FW: Public comment on Permit Number WQ0005462000

Jesús Bárcena
Office of the Chief Clerk
Texas Commission on Environmental Quality
Office Phone: 512-239-3319

How is our customer service? Fill out our online customer satisfaction survey at:
www.tceq.texas.gov/customersurvey

From: nansiguevara.cc@gmail.com <nansiguevara.cc@gmail.com>
Sent: Thursday, October 10, 2024 4:28 PM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER:

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: Nancy E Guevara

EMAIL: nansiguevara.cc@gmail.com

COMPANY:

ADDRESS: 605 E PRICE RD 10
BROWNSVILLE TX 78521-4272

PHONE: 9562367853

FAX:

COMMENTS: I wholeheartedly oppose the Space X requested permit allowing them to dump wastewater into the ocean. This is the last pristine ocean coast in Texas. Just these past few weeks we've had two major hurricanes form in the gulf. The water is rising in temperature and causing more extreme weather conditions. In Brownsville, we've had increased temperatures in the summer. The community is noticing, there are more national media outlets writing about how local politicians are benefiting monetarily from Space X. Our rents are going up, property taxes are going up, still not any significant economic improvements to our city. This will be a historic disgrace and a major violation of human rights. This company is setting the conditions for more extreme weather and no protection for the community. I have lived in Brownsville for 8 years and grew up in Laredo, Texas.

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Monday, October 21, 2024 11:50 AM
To: PUBCOMMENT-WQ; PUBCOMMENT-ELD; PUBCOMMENT-OCC2; PUBCOMMENT-OPIC
Subject: FW: Public comment on Permit Number WQ0005462000

From: arguajardo01@gmail.com <arguajardo01@gmail.com>
Sent: Thursday, October 17, 2024 5:35 PM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER: 2024-1282-IWD-E

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: MS Alexis R Guajardo

EMAIL: arguajardo01@gmail.com

COMPANY:

ADDRESS: 1364 WILLOW DR
BROWNSVILLE TX 78520-8265

PHONE: 9566216760

FAX:

COMMENTS: As a Brownsville native, I strongly oppose SpaceX's permit application to dump polluted water on Boca Chica Beach. This action poses a significant threat to the local wildlife, disrupting their natural habitats and causing long-term ecological damage. Additionally, the quality of life for the community members will be adversely affected, as polluted water leads to health issues and degrades the natural beauty of our RGV. SpaceX must be held accountable for its actions and cannot be allowed to

jeopardize the environment and the well-being of our community without consequences. By granting this permit, the TCEQ would enable SpaceX to continue violating the law, as they have and continue to do. This would set a dangerous precedent that industrial activities outweigh the protection of our natural resources and public health. We must prioritize the well-being of our environment and residents over corporate interests.

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Friday, October 11, 2024 2:26 PM
To: PUBCOMMENT-OCC2; PUBCOMMENT-OPIC; PUBCOMMENT-ELD; PUBCOMMENT-WQ
Subject: FW: Public comment on Permit Number WQ0005462000

Jesús Bárcena
Office of the Chief Clerk
Texas Commission on Environmental Quality
Office Phone: 512-239-3319

How is our customer service? Fill out our online customer satisfaction survey at:
www.tceq.texas.gov/customersurvey

From: nansiguevara.cc@gmail.com <nansiguevara.cc@gmail.com>
Sent: Thursday, October 10, 2024 4:26 PM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER:

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: MRS Nancy Guevara

EMAIL: nansiguevara.cc@gmail.com

COMPANY:

ADDRESS: 605 E PRICE RD 10
BROWNSVILLE TX 78521-4272

PHONE: 9562367853

FAX:

COMMENTS: I wholeheartedly oppose the Space X requested permit allowing them to dump wastewater into the ocean. This is the last pristine ocean coast in Texas. Just these past few weeks we've had two major hurricanes form in the gulf. The water is rising in temperature and causing more extreme weather conditions. In Brownsville, we've had increased temperatures in the summer. The community is noticing, there are more national media outlets writing about how local politicians are benefiting monetarily from Space X. Our rents are going up, property taxes are going up, still not any significant economic improvements to our city. This will be a historic disgrace and a major violation of human rights. This company is setting the conditions for more extreme weather and no protection for the community. I have lived in Brownsville for 8 years and grew up in Laredo, Texas.

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Monday, September 23, 2024 9:08 AM
To: PUBCOMMENT-WQ; PUBCOMMENT-ELD; PUBCOMMENT-OCC2; PUBCOMMENT-OPIC
Subject: FW: Public comment on Permit Number WQ0005462000

Disassociate from the enforcement item and associate to the permitting item

From: greenjay9@gmail.com <greenjay9@gmail.com>
Sent: Sunday, September 22, 2024 2:34 PM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER: 2024-1282-IWD-E

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: Jennifer Hall

EMAIL: greenjay9@gmail.com

COMPANY:

ADDRESS: PO BOX 6528
MCALLEN TX 78502-6528

PHONE: 9566078977

FAX:

COMMENTS: There MUST be a new Environmental Impact Statement prepared-in reading the original from 10 years ago there are many unanswered questions and much of the plan was speculative. The fueling system has changed, the size and type of rocket has changed and the use of a deluge system was not even a definite plan. What may seem an off-topic question, but in order to avoid this situation in the future, what is going on with the testing at the Massey site? How is the water surrounding that site

(including the Rio Grande) being monitored? It would behoove TCEQ to be proactive and follow the Clean Water Act rules before further degradation is done. Why is TCEQ allowing SpaceX to continue operating the deluge water system during this permitting process, prior to permit approval, considering all the violations incurred thus far? TCEQ recently fined SpaceX for past violations of the Clean Water Act and yet is allowing the violations to continue prior to permit approval. Under what authority can TCEQ grant permissions to continue a federal offense? What kind of baseline data has been collected? How can changes and damage to the wetland habitat be honestly assessed since there have already been noticeable changes to the area from the four launches and multiple (who knows how many?) tests of the deluge system. What will the monitoring protocols be going forward? How frequent and what testing and data collection will be done? How will the public and scientists monitoring the area, including wildlife specialists working at the refuge and park service, access the data? Importantly, how is this affecting the micro- and macro- systems of the wetlands in the short term and in the long term? What will happen to the wildlife that is dependent on the wetland system as it becomes more and more degraded? Who will be analyzing the toxicity of the deluge water (including its temperature) AFTER it is used for its purpose? It obviously is clean to begin with in order to protect the rockets, but the extreme conditions of a rocket launch clearly will change the quality of the water as it interacts with the components of the fuels and rocket components. Please describe the amount of water that will be discharged (including with the addition of a second launch pad) and how it will be contained so that it does not dump into the wetlands/waters of the US.

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Monday, September 23, 2024 9:39 AM
To: PUBCOMMENT-WQ; PUBCOMMENT-ELD; PUBCOMMENT-OCC2; PUBCOMMENT-OPIC
Subject: FW: Public comment on Permit Number WQ0005462000

Disassociate from the enforcement item, and associate to the permit

From: jhamgo64@gmail.com <jhamgo64@gmail.com>
Sent: Sunday, September 22, 2024 7:49 AM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER: 2024-1282-IWD-E

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: MS Joyce Hamilton

EMAIL: jhamgo64@gmail.com

COMPANY:

ADDRESS: 1617 SUNNYSIDE DR
HARLINGEN TX 78552-3940

PHONE: 9562445868

FAX:

COMMENTS: TCEQ recently fined SpaceX for past violations of the Clean Water Act and yet is allowing the violations to continue prior to permit approval. Under what authority can TCEQ grant permissions to continue a federal offense? What kind of baseline data has been collected? How can changes and damage to the wetland habitat be honestly assessed since there have already been noticeable changes to the area from the four launches and multiple (who knows how many?) tests of the deluge system.

What will the monitoring protocols be going forward? How frequent and what testing and data collection will be done? How will the public and scientists monitoring the area, including wildlife specialists working at the refuge and park service, access the data? Importantly, how is this affecting the micro- and macro- systems of the wetlands in the short term and in the long term?

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Wednesday, October 9, 2024 3:14 PM
To: PUBCOMMENT-OCC2; PUBCOMMENT-OPIC; PUBCOMMENT-ELD; PUBCOMMENT-WQ
Subject: FW: Public comment on Permit Number WQ0005462000

Jesús Bárcena
Office of the Chief Clerk
Texas Commission on Environmental Quality
Office Phone: 512-239-3319

How is our customer service? Fill out our online customer satisfaction survey at:
www.tceq.texas.gov/customersurvey

From: mhandy@rgv.rr.com <mhandy@rgv.rr.com>
Sent: Wednesday, October 9, 2024 12:21 PM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE**RN NUMBER:** RN111606745**PERMIT NUMBER:** WQ0005462000**DOCKET NUMBER:** 2024-1282-IWD-E**COUNTY:** CAMERON**PRINCIPAL NAME:** SPACE EXPLORATION TECHNOLOGIES CORP**CN NUMBER:** CN602867657**NAME:** MR Michael Handy**EMAIL:** mhandy@rgv.rr.com**COMPANY:****ADDRESS:** 701 GREEN VALLEY LN
ALAMO TX 78516-3717**PHONE:** 9567023811

FAX:

COMMENTS: I object to the plan of Space X to dump polluted water from their deluge system on Boca Chica Beach. They have already created an environmental disaster with their launches and further degrading the environment does not serve the people of Texas. I don't know who Mr. Musk has bribed but his continued destruction of the South Texas environment must be put to an end.

TCEQ Registration Form

October 17, 2024

Space Exploration Technologies Corp.
Proposed TPDES Permit No. WQ0005462000

PLEASE PRINT

Name: Glenn Harrison Capt.

Mailing Address: 5704 Circe Cr.

Physical Address (if different): _____

City/State: South Padre Island TX Zip: 78597

This information is subject to public disclosure under the Texas Public Information Act

Email: _____

Phone Number: (956) 254-0179

- Are you here today representing a municipality, legislator, agency, or group? ☒ Yes ☐ No

If yes, which one? Laguna Madre Fishing Guides

☐ Please add me to the mailing list.

☒ I wish to provide formal *ORAL COMMENTS* at tonight's public meeting.

☐ I wish to provide formal *WRITTEN COMMENTS* at tonight's public meeting.

(Written comments may be submitted at any time during the meeting)

Please give this form to the person at the information table. Thank you.

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Wednesday, October 16, 2024 5:26 PM
To: PUBCOMMENT-OCC2; PUBCOMMENT-OPIC; PUBCOMMENT-ELD; PUBCOMMENT-WQ
Subject: FW: Public comment on Permit Number WQ0005462000

Jesús Bárcena
Office of the Chief Clerk
Texas Commission on Environmental Quality
Office Phone: 512-239-3319

How is our customer service? Fill out our online customer satisfaction survey at:
www.tceq.texas.gov/customersurvey

From: AEye024@gmail.com <AEye024@gmail.com>
Sent: Wednesday, October 16, 2024 1:54 PM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER:

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: MR Allen Hernandez, I

EMAIL: AEye024@gmail.com

COMPANY:

ADDRESS: 4200 LAS PALMAS CIR
BROWNSVILLE TX 78521-2791

PHONE: 9567393234

FAX:

COMMENTS: I vehemently oppose the dumping of polluted water on Boca Chica Beach. This action is both harmful to the health of the residents of Texas and will ruin the cleanliness of the beach. Granting this permit would be wrong. What happened to Keep Texas Beautiful? I do not accept

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Monday, October 21, 2024 9:58 AM
To: PUBCOMMENT-WQ; PUBCOMMENT-ELD; PUBCOMMENT-OCC2; PUBCOMMENT-OPIC
Subject: FW: Public comment on Permit Number WQ0005462000

From: brenhdz711@gmail.com <brenhdz711@gmail.com>
Sent: Wednesday, October 16, 2024 11:52 PM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER:

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: Brenda Hernandez

EMAIL: brenhdz711@gmail.com

COMPANY:

ADDRESS: 458 SERG LOOP
ALAMO TX 78516-7285

PHONE: 9565348244

FAX:

COMMENTS: If you allow this permit to be approved. You will be putting our environment and our community at risk. This permit should be denied/not approved for the safety of our environment and community. Do not allow intimidation from this corporation to preclude your judgment when you make this decision.

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Wednesday, September 11, 2024 9:35 AM
To: PUBCOMMENT-ELD; PUBCOMMENT-OCC2; PUBCOMMENT-OPIC
Cc: PUBCOMMENT-WQ
Subject: FW: Public comment on Permit Number WQ0005462000

From: dianaihernandez@hotmail.com <dianaihernandez@hotmail.com>
Sent: Tuesday, September 10, 2024 11:15 PM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER: 2024-1282-IWD-E

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: MS Diana Hernandez

EMAIL: dianaihernandez@hotmail.com

COMPANY:

ADDRESS: 1035 N 5TH AVE
EDINBURG TX 78541-2409

PHONE: 6198136298

FAX:

COMMENTS: Boca Chica beach is home to endangered species that must be protected. The ecosystem in Boca Chica beach is important to the culture of the Rio Grande Valley and its tourist economy. We have rich natural history in our area that must be protected for future generations. Public access to Boca Chica beach is also at risk if the area isn't protected. Polluting the waters of the Rio Grande Valley would affect the wildlife, the quality of life of its citizens, the future of our economy, and would forever scar the

landscape of our region. The valley cannot continue to grow and thrive if its natural areas are destroyed by a company who will pick up and leave in the next 5-10 years, leaving behind only pollution and destruction. Why would we grant special permissions to pollute our waters to an outside entity?

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Wednesday, September 11, 2024 9:35 AM
To: PUBCOMMENT-WQ; PUBCOMMENT-ELD; PUBCOMMENT-OCC2; PUBCOMMENT-OPIC
Subject: FW: Public comment on Permit Number WQ0005462000

From: dianaihernandez@hotmail.com <dianaihernandez@hotmail.com>
Sent: Tuesday, September 10, 2024 11:10 PM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER:

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: MS Diana Hernandez

EMAIL: dianaihernandez@hotmail.com

COMPANY:

ADDRESS: 1035 N 5TH AVE
EDINBURG TX 78541-2409

PHONE: 6198136298

FAX:

COMMENTS: Boca Chica beach is home to endangered species that must be protected. The ecosystem in Boca Chica beach is important to the culture of the Rio Grande Valley and its tourist economy. We have rich natural history in our area that must be protected for future generations. Public access to Boca Chica beach is also at risk if the area isn't protected. Polluting the waters of the Rio Grande Valley would affect the wildlife, the quality of life of its citizens, the future of our economy, and would forever scar the

landscape of our region. The valley cannot continue to grow and thrive if its natural areas are destroyed by a company who will pick up and leave in the next 5-10 years, leaving behind only pollution and destruction. Why would we grant special permissions to pollute our waters to an outside entity?

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Monday, October 21, 2024 10:04 AM
To: PUBCOMMENT-WQ; PUBCOMMENT-ELD; PUBCOMMENT-OCC2; PUBCOMMENT-OPIC
Subject: FW: Public comment on Permit Number WQ0005462000

From: ymarisol.h@gmail.com <ymarisol.h@gmail.com>
Sent: Thursday, October 17, 2024 11:04 AM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER: 2024-1282-IWD-E

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: Yadira Hernandez

EMAIL: ymarisol.h@gmail.com

COMPANY:

ADDRESS: 1131 MICHIGAN ST
ALAMO TX 78516-6980

PHONE: 9566016116

FAX:

COMMENTS: I am opposed to the issuance of permit WQ0005462000 for SpaceX LLC. The emissions from the SpaceX launch pad and Starbase facility pose significant health risks to residents of Brownsville and the Rio Grande Valley. Additionally, the pollutants are damaging the sensitive ecosystems of South Bay, the Lower Rio Grande Valley Wildlife Refuge, and Boca Chica Beach, which are home to numerous endangered species, especially migratory birds. As a member of the local community, I am directly

impacted by SpaceX's wastewater pollution. I also request that TCEQ ensure adequate Spanish language interpretation and translation services are available at the hearing on October 17 so that all participants can have their questions answered. Furthermore, TCEQ and SpaceX should consult with the Carrizo/Comecrudo Tribe of Texas, the original inhabitants of this region, regarding this permit application and all activities at Boca Chica Beach.

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Monday, October 21, 2024 10:01 AM
To: PUBCOMMENT-WQ; PUBCOMMENT-ELD; PUBCOMMENT-OCC2; PUBCOMMENT-OPIC
Subject: FW: Public comment on Permit Number WQ0005462000

From: ymarisol.h@gmail.com <ymarisol.h@gmail.com>
Sent: Thursday, October 17, 2024 9:57 AM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER:

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: Yadira Hernandez

EMAIL: ymarisol.h@gmail.com

COMPANY:

ADDRESS: 1131 MICHIGAN ST
ALAMO TX 78516-6980

PHONE: 9566016116

FAX:

COMMENTS: I oppose the issuance of permit WQ0005462000 for SpaceX LLC. The emissions from the SpaceX launch pad and Starbase facility pose serious health risks to residents of Brownsville and the Rio Grande Valley. Additionally, water pollutants are harming the sensitive ecosystems of South Bay, the Lower Rio Grande Valley Wildlife Refuge, and Boca Chica Beach, which are home to many endangered species, particularly migratory birds. As a community member, I am directly affected by SpaceX's

wastewater pollution. I also request that TCEQ provide adequate Spanish language interpretation and translation services at the hearing on October 17 to ensure all questions are addressed. Furthermore, TCEQ and SpaceX should engage with the Carrizo/Comecrudo Tribe of Texas, the original inhabitants of this area, regarding this permit application and all related activities at Boca Chica Beach.

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Monday, October 21, 2024 10:01 AM
To: PUBCOMMENT-WQ; PUBCOMMENT-ELD; PUBCOMMENT-OCC2; PUBCOMMENT-OPIC
Subject: FW: Public comment on Permit Number WQ0005462000

From: ymarisol.h@gmail.com <ymarisol.h@gmail.com>
Sent: Thursday, October 17, 2024 10:02 AM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER: 2024-1282-IWD-E

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: Yadira Hernandez

EMAIL: ymarisol.h@gmail.com

COMPANY:

ADDRESS: 1131 MICHIGAN ST
ALAMO TX 78516-6980

PHONE: 9566016116

FAX:

COMMENTS: I am opposed to the issuance of permit WQ0005462000 for SpaceX LLC. The emissions from the SpaceX launch pad and Starbase facility pose significant health risks to residents of Brownsville and the Rio Grande Valley. Additionally, the pollutants are damaging the sensitive ecosystems of South Bay, the Lower Rio Grande Valley Wildlife Refuge, and Boca Chica Beach, which are home to numerous endangered species, especially migratory birds. As a member of the local community, I am directly

impacted by SpaceX's wastewater pollution. I also request that TCEQ ensure adequate Spanish language interpretation and translation services are available at the hearing on October 17 so that all participants can have their questions answered. Furthermore, TCEQ and SpaceX should consult with the Carrizo/Comecrudo Tribe of Texas, the original inhabitants of this region, regarding this permit application and all activities at Boca Chica Beach.

TCEQ Registration Form

October 17, 2024

Space Exploration Technologies Corp.
Proposed TPDES Permit No. WQ0005462000

PLEASE PRINT

Name: Joseette A. Hinojosa

Mailing Address: 1225 W. Washington St

Physical Address (if different): _____

City/State: Brownsville, TX Zip: 78520

This information is subject to public disclosure under the Texas Public Information Act

Email: JoseetteC956@gmail.com

Phone Number: (956) 466-4046

- Are you here today representing a municipality, legislator, agency, or group? ☒ Yes ☐ No

If yes, which one? South Texas Environmental Justice Network

☐ Please add me to the mailing list.

☒ I wish to provide formal *ORAL COMMENTS* at tonight's public meeting.

☐ I wish to provide formal *WRITTEN COMMENTS* at tonight's public meeting.

(Written comments may be submitted at any time during the meeting)

Please give this form to the person at the information table. Thank you.

Vincent Redondo

From: PUBCOMMENT-OCC
Sent: Wednesday, October 30, 2024 11:19 AM
To: PUBCOMMENT-OCC2; PUBCOMMENT-OPIC; PUBCOMMENT-ELD; PUBCOMMENT-WO
Subject: FW: Public comment on Permit Number WQ0005462000

Jesús Bárcena
Office of the Chief Clerk
Texas Commission on Environmental Quality
Office Phone: 512-239-3319

How is our customer service? Fill out our online customer satisfaction survey at:
www.tceq.texas.gov/customersurvey

From: lucindahinojosa@yahoo.com <lucindahinojosa@yahoo.com>
Sent: Monday, October 28, 2024 4:21 PM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER: 2024-1282-IWD-E

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: Lucinda Hinojosa

EMAIL: lucindahinojosa@yahoo.com

COMPANY:

ADDRESS: 1207 BOCA CHICA BLVD
BROWNSVILLE TX 78520-8231

PHONE: 9564047279

FAX:

COMMENTS: As a part of the RGV (Brownsville), I opposed to the issuance of the following permits for SpaceX LLC: WQ0005462000 The SpaceX launch pad /Starbase facility emit unacceptable levels of pollutants that threaten Brownsville and Rio Grande Valley residents' health and well-being. Water pollutants also damage the sensitive wetland, salt marsh, and mudflat ecosystems of South Bay, Lower Rio Grande Valley Wildlife Refuge, and Boca Chica Beach, home to numerous endangered and threatened species, especially migratory birds. Additionally, if this permit is granted, what regulations will be placed. How will the public know what waste is dumped and the environmental and health impacts that will have. What was to see reparations will be implemented if violations are found.

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Monday, October 14, 2024 5:56 PM
To: PUBCOMMENT-OCC2; PUBCOMMENT-OPIC; PUBCOMMENT-ELD; PUBCOMMENT-WQ
Subject: FW: Public comment on Permit Number WQ0005462000

Jesús Bárcena
Office of the Chief Clerk
Texas Commission on Environmental Quality
Office Phone: 512-239-3319

How is our customer service? Fill out our online customer satisfaction survey at:
www.tceq.texas.gov/customersurvey

From: parsosar@gmail.com <parsosar@gmail.com>
Sent: Monday, October 14, 2024 3:29 PM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER: 2024-1282-IWD-E

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: Sara Hinojosa-Parsons

EMAIL: parsosar@gmail.com

COMPANY:

ADDRESS: 3113 LAZY LAKE DR
HARLINGEN TX 78550-7434

PHONE: 9564126808

FAX:

COMMENTS: Elon Musk has brought nothing but false claims for protecting our pristine beaches and wildlife. As a bird enthusiast and environmental steward of land, it has become our collective mission to disallow this shallow of a man to continue to destroy a lifetime of work and protection of our South Texas history! We have endured hurricanes, flooding, tornadoes in order to make sure the PUBLIC land is guaranteed for our childrens' futures. Anything short of that would be criminal. We are MANY concerned citizens that will continue to FIGHT these permits, as well as this disgrace of a human being (Musk)

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Monday, September 23, 2024 9:49 AM
To: PUBCOMMENT-WQ; PUBCOMMENT-ELD; PUBCOMMENT-OCC2; PUBCOMMENT-OPIC
Subject: FW: Public comment on Permit Number WQ0005462000

Disassociate from the enforcement item, associate to the permit item.

From: mehollmann@sbcglobal.net <mehollmann@sbcglobal.net>
Sent: Saturday, September 21, 2024 4:15 PM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER: 2024-1282-IWD-E

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: Mary Elizabeth Hollmann

EMAIL: mehollmann@sbcglobal.net

COMPANY:

ADDRESS: 327 W SAINT CHARLES ST
BROWNSVILLE TX 78520-5516

PHONE: 9563462897

FAX:

COMMENTS: There MUST be a new Environmental Impact Statement prepared-in reading the original from 10 years ago there are many unanswered questions and much of the plan was speculative. The fueling system has changed, the size and type of rocket has changed and the use of a deluge system was not even a definite plan. What may seem an off-topic question, but in order to avoid this situation in the future, what is going on with the testing at the Massey site? How is the water surrounding that site

(including the Rio Grande) being monitored? It would behoove TCEQ to be proactive and follow the Clean Water Act rules before further degradation is done. Why is TCEQ allowing SpaceX to continue operating the deluge water system during this permitting process, prior to permit approval, considering all the violations incurred thus far? TCEQ recently fined SpaceX for past violations of the Clean Water Act and yet is allowing the violations to continue prior to permit approval. Under what authority can TCEQ grant permissions to continue a federal offense?

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Monday, September 23, 2024 9:48 AM
To: PUBCOMMENT-WQ; PUBCOMMENT-ELD; PUBCOMMENT-OCC2; PUBCOMMENT-OPIC
Subject: FW: Public comment on Permit Number WQ0005462000

From: mehollmann@sbcglobal.net <mehollmann@sbcglobal.net>
Sent: Saturday, September 21, 2024 4:15 PM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER:

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: Mary Elizabeth Hollmann

EMAIL: mehollmann@sbcglobal.net

COMPANY:

ADDRESS: 327 W SAINT CHARLES ST
BROWNSVILLE TX 78520-5516

PHONE: 9563462897

FAX:

COMMENTS: There MUST be a new Environmental Impact Statement prepared-in reading the original from 10 years ago there are many unanswered questions and much of the plan was speculative. The fueling system has changed, the size and type of rocket has changed and the use of a deluge system was not even a definite plan. What may seem an off-topic question, but in order to avoid this situation in the future, what is going on with the testing at the Massey site? How is the water surrounding that site



(including the Rio Grande) being monitored? It would behoove TCEQ to be proactive and follow the Clean Water Act rules before further degradation is done. Why is TCEQ allowing SpaceX to continue operating the deluge water system during this permitting process, prior to permit approval, considering all the violations incurred thus far? TCEQ recently fined SpaceX for past violations of the Clean Water Act and yet is allowing the violations to continue prior to permit approval. Under what authority can TCEQ grant permissions to continue a federal offense?

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Monday, July 29, 2024 3:34 PM
To: PUBCOMMENT-OCC2; PUBCOMMENT-OPIC; PUBCOMMENT-ELD; PUBCOMMENT-WQ
Subject: FW: Public comment on Permit Number WQ0005462000

PM

Jesús Bárcena
Office of the Chief Clerk
Texas Commission on Environmental Quality
Office Phone: 512-239-3319

How is our customer service? Fill out our online customer satisfaction survey at:
www.tceq.texas.gov/customersurvey

From: mehollmann@sbcglobal.net <mehollmann@sbcglobal.net>
Sent: Friday, July 26, 2024 4:56 AM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER:

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: Mary Elizabeth Hollmann

EMAIL: mehollmann@sbcglobal.net

COMPANY:

ADDRESS: 327 W SAINT CHARLES ST
BROWNSVILLE TX 78520-5516

PHONE: 9563462897

FAX:

COMMENTS: I am requesting that TCEQ hold a public meeting in Cameron County to address the issue of SpaceX's application for a Water Quality permit # WQ0005462000, to discharge deluge water into the area near the launch pad. SpaceX operations continue to change in ways that are unregulated with no regard for the surrounding sensitive ecosystem. The application as written lacks very important information regarding the design of the containment ponds and actual quantities and qualities of the industrial wastewater discharges over time. A public meeting, where the true scope of the operation can be explained, is required so that impacts on local populations, ecosystem, and wildlife, can be shared and understood.

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Monday, October 14, 2024 9:06 AM
To: PUBCOMMENT-WQ; PUBCOMMENT-ELD; PUBCOMMENT-OCC2; PUBCOMMENT-OPIC
Subject: FW: Public comment on Permit Number WQ0005462000

Associate to the permit item only.

From: irishpassenger@yahoo.com <irishpassenger@yahoo.com>
Sent: Saturday, October 12, 2024 2:07 PM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER: 2024-1282-IWD-E

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: Laura Jasso

EMAIL: irishpassenger@yahoo.com

COMPANY:

ADDRESS: 8800 KEISTER
OLMITO TX 78575-0108

PHONE: 9564549493

FAX:

COMMENTS: SpaceX is ruining our natural beach and harming wildlife. Our access to Boca Chica Beach should not be blocked. Space X is polluting our environment & spreading harmful pollutants and debris for miles!

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Wednesday, October 9, 2024 3:12 PM
To: PUBCOMMENT-OCC2; PUBCOMMENT-OPIC; PUBCOMMENT-ELD; PUBCOMMENT-WQ
Subject: FW: Public comment on Permit Number WQ0005462000

Jesús Bárcena
Office of the Chief Clerk
Texas Commission on Environmental Quality
Office Phone: 512-239-3319

How is our customer service? Fill out our online customer satisfaction survey at:
www.tceq.texas.gov/customersurvey

From: tomjdzms@gmail.com <tomjdzms@gmail.com>
Sent: Wednesday, October 9, 2024 7:53 AM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER: 2024-1282-IWD-E

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: MR Thomas S Jaudzemis

EMAIL: tomjdzms@gmail.com

COMPANY: retired.

ADDRESS: 708 PADRE BLVD Unit #1005
SOUTH PADRE ISLAND TX 78597-6612

PHONE: 9562994965



FAX:

COMMENTS: This matter involves a private for profit corporation owned by Elon Musk, one of the richest men on earth, which choose to locate a test facility adjacent to Boca Chica public beach on the Gulf of Mexico, and close to Brownsville, South Padre Island and Port Isabel, TX. The beach at Boca Chica and on South Padre Island is the best beach on the coast of Texas. Tourism makes up all of the economy of South Padre Island and a significant part of the economy of Port Isabel, Laguna Vista, Laguna Heights and Brownsville. The area is also a rich commercial and sport fishing area. Dumping untreated water which will immediately flow into the Gulf of Mexico and the public beaches will pollute the water and beaches and harm the tourism and fishing which is the life blood for these communities and could ruin the last clean beach in Texas. The location of the launch site, made by Space X and Elon Musk, with no regard for the environmental impact of this activity, was irresponsible and the dumping is harmful to the environment and the livelihood of thousands of people. It cold ruin a resource used by hundreds of thousands of people every year, including the crowds of Texans that go to these beaches every summer, the thousands of Winter Texans that spend every winter in this area, the college students who come here for spring break, and the many people who have retired to this area. Space X has the resources and the technology to solve this problem and must not be allowed to dump this untreated waste on our water and beaches.

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Wednesday, October 16, 2024 2:50 PM
To: PUBCOMMENT-WQ; PUBCOMMENT-ELD; PUBCOMMENT-OCC2; PUBCOMMENT-OPIC
Subject: FW: Public comment on Permit Number WQ0005462000

From: devin.a.johnston9@gmail.com <devin.a.johnston9@gmail.com>
Sent: Tuesday, October 15, 2024 7:30 PM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER: 2024-1282-IWD-E

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: A Johnston

EMAIL: devin.a.johnston9@gmail.com

COMPANY:

ADDRESS: 522 FERREE ST
HARLINGEN TX 78550-3363

PHONE: 9566909651

FAX:

COMMENTS: Hello, Boca Chica beach and the surrounding areas is culturally and financially important to my family personally, but also as a draw for thousands of travelers coming to the Rio Grande Valley to enjoy our natural environment. EcoTourism brought in an estimated \$463 million dollars in 2011 according to a report published by Texas A&M in 2012. This infusion of money is vitally important to our economy, but the continuation -and increase- of such business is highly dependent on our fragile

ecosystem. While there is a certain subset of travelers that would enjoy seeing the space related activities that SpaceX performs, I think it's important to ensure that there is minimal impact to our water and wildlife. While I currently do not have children, I remember moving to the Rio Grande Valley when I was 6 and my parents taking my siblings and I to various places across the RGV to enjoy nature. Boca Chica, the Palmito Ranch Battlefield, South Padre Island, and boat access points along the Bahia Grande were all sites we would visit frequently. We would fish, learn about nature, have fun, and listen to my dad tell stories about the land he had gathered from books and coworkers. While I have only lived in the RGV since 1999, I feel a deep connection with this beautiful area and find that something as simple as spending time at a quiet beach can help soothe anxiety and boost community ties I have with those around me. I have no doubt that this has an immensely positive impact on my health; exercising physically prevents illness and encourages strength, but being in nature has a noticeable impact on mental health as well. I spend a lot of time still with family in these beautiful natural areas, and I look forward to taking future children here, too, so that they will have the same opportunities for maintaining wellness and learning to love our country. I work with insects a lot in my profession, and their health is vital to the food web. Arthropods provide a wide range of uses for the ecosystem in general, from pollinators such as butterflies to food sources for birds and small mammals. Because of their small size, they can be sensitive to changes in the environment. Chemical contaminants can have an immediate impact, but even the change in salt water dilution can affect them through plants and fungi. Since learning about the permit for SpaceX to dump water back into bay, I have been worried about how that impacts the environment but also how those impacts will further affect my family. It does not seem reasonable to believe that the release of so much water into a sensitive wetland would have zero impacts. Wetlands are considered some of the most sensitive ecosystems in the world, and due to how important water is to life, I do not think that there have been enough studies to prove the current claims. I believe that rigorous and accurate studies from well-informed and non-biased sources need to be conducted before any approval. Thank you

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Tuesday, October 15, 2024 5:03 PM
To: PUBCOMMENT-OCC2; PUBCOMMENT-OPIC; PUBCOMMENT-ELD; PUBCOMMENT-WQ
Subject: FW: Public comment on Permit Number WQ0005462000

Jesús Bárcena
Office of the Chief Clerk
Texas Commission on Environmental Quality
Office Phone: 512-239-3319

How is our customer service? Fill out our online customer satisfaction survey at:
www.tceq.texas.gov/customersurvey

From: jeksac@icloud.com <jeksac@icloud.com>
Sent: Tuesday, October 15, 2024 3:09 PM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER: 2024-1282-IWD-E

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: DR. John E Keller

EMAIL: jeksac@icloud.com

COMPANY:

ADDRESS: 117 CALLE CONEJO
LOS FRESNOS TX 78566-4467

PHONE: 9562339899

FAX:

COMMENTS: I think that dumping wastewater, even if treated, into South Bay is a very bad idea. South Bay is a valued resource that I use frequently and so do a lot of my friends. Space X has, in my opinion, frequently neglected its environmental responsibilities in this area. This kind of activity requires a long and detailed Environmental Impact Statement backed by a complete study of the ramifications and Space X, to my knowledge, has not done anything except whine about being over regulated. South Bay is a unique ecosystem with many important species and affects the entire Laguna Madre. In addition, there are two valuable cultural resources, Taylor's and Sheridan's bridges, present in the upper reaches of South Bay. Space X has already affected the integrity of these structures and dumping wastewater on them can only accerbate the problem.

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Monday, October 14, 2024 5:54 PM
To: PUBCOMMENT-OCC2; PUBCOMMENT-OPIC; PUBCOMMENT-ELD; PUBCOMMENT-WQ
Subject: FW: Public comment on Permit Number WQ0005462000
Attachments: Ms. Laurie Gharis TCEQ TPDES Permit Application WQ0005462000 10-17-2024.pdf

Jesús Bárcena
Office of the Chief Clerk
Texas Commission on Environmental Quality
Office Phone: 512-239-3319

How is our customer service? Fill out our online customer satisfaction survey at:
www.tceq.texas.gov/customersurvey

From: marty.kelly@tpwd.texas.gov <marty.kelly@tpwd.texas.gov>
Sent: Monday, October 14, 2024 11:57 AM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER:

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: MR Marty Kelly

EMAIL: marty.kelly@tpwd.texas.gov

COMPANY: Texas Parks and Wildlife Department

ADDRESS: 4200 SMITH SCHOOL RD
AUSTIN TX 78744-3218

PHONE: 5123898214

FAX:

COMMENTS: Please see attached comments.



October 17, 2024

Life's better outside.®

Commissioners

Jeffery D. Hildebrand
Chairman
Houston

Oliver J. Bell
Vice-Chairman
Cleveland

James E. Abell
Kilgore

Wm. Leslie Doggett
Houston

Paul L. Foster
El Paso

Anna B. Galo
Laredo

Robert L. "Bobby" Patton, Jr.
Fort Worth

Travis B. "Blake" Rowling
Dallas

Dick Scott
Wimberley

Lee M. Bass
Chairman-Emeritus
Fort Worth

T. Dan Friedkin
Chairman-Emeritus
Houston

David Yoskowitz, Ph.D.
Executive Director

Ms. Laurie Gharis
Office of the Chief Clerk (MC 105)
Texas Commission on Environmental Quality
PO Box 13087
Austin, Texas 78711-3087

Re: TCEQ Texas Pollution Discharge Elimination System (TPDES) Permit No.
WQ0005462000

Dear Ms. Gharis:

Texas Parks and Wildlife Department (TPWD) appreciates the opportunity to comment on the proposed new Texas Pollution Discharge Elimination System (TPDES) permit application for Space Exploration Technologies Corporation ("SpaceX") thus forth; WQ0005462000). TPWD is the agency with primary responsibility for protecting the state's fish and wildlife resources (Texas Parks and Wildlife Code Section 12.0011(a)). Furthermore, TPWD is charged with providing information on fish and wildlife resources to any local, state, or federal agency or private organization that make decisions affecting those resources (Texas Parks and Wildlife Code §12.0011(b)(3)). Please be aware that a written response to this comment letter is required by Texas Parks and Wildlife Code Section 12.0011(c)-(d).

TPWD has reviewed the pending Texas Pollutant Discharge Elimination System (TPDES) wastewater discharge permit application for SpaceX to discharge deluge water at an intermittent and variable volume onto the mudflats south of the launchpad thence into the Rio Grande River (Segment 2301) in Cameron County. The proposed final effluent limits for this facility are to report daily average in milligrams per liter the following characteristics and constituents: Flow (million gallons per day), chemical oxygen demand, oil and grease, temperature (Fahrenheit), total copper, total mercury, total thallium, and total zinc.

The discharge route for the proposed deluge water would discharge onto mudflats that are on or adjacent to public lands owned by TPWD and would then flow through the Lower Rio Grande National Wildlife Refuge to reach the Rio Grande River. The 1,055 acres of public lands owned by TPWD were acquired in 1994 to provide conservation

Ms. Laurie Gharis
Page 2 of 5
October 17, 2024

and low-impact, year-round public access to marshes, flats, and the Gulf of Mexico. TPWD has significant concerns about the impacts of the discharge route on Boca Chica State Park, including potential impacts to recreational use in the park.

Additionally, the applicant has not coordinated with TPWD about this proposed discharge, and TPWD has not received a request to grant an easement or other authorization for the discharge route across TPWD property. Unlike a discharge to a watercourse with defined beds and banks, the draft permit does not provide authority for the applicant to discharge effluent as sheet flow onto TPWD property. The USGS topographic map of the discharge route included with the application appears to show discharge flowing into portions of TPWD land that are not wetlands. In essence, the draft permit appears to allow land application of effluent with no pollution controls onto public land not owned or controlled by the applicant. TPWD is concerned that TCEQ would authorize a discharge directly into a state park without any agency coordination.

The habitats of the Lower Rio Grande Valley (LRGV) tidal flats are unique, consisting of diverse communities of fish and wildlife, some of which consist of state or federal-listed threatened and endangered species. When tidal flats are inundated, they generally provide escape and forage habitat for juvenile fish and forage habitat for long legged shorebirds and wading birds, including state-listed threatened species, such as reddish egret (*Egretta rufescens*) and wood stork (*Mycteria americana*). As the waters recede, the exposed flats generally provide important feeding grounds to short legged shorebirds and are critically important to state and federal threatened species, such as piping plover (*Charadrius melodus*) and rufa red knot (*Calidris canutus rufa*). Where algal mats are present, additional functions include nitrogen fixation and sediment stabilization as well as providing a direct source of food for certain species of sandpipers which are biofilm grazers. Mudflats located within 500 feet of Launch Tower 1, as referenced in the description of Outfall 001, provide nesting habitat to non-game shorebirds, including snowy plover (*Charadrius alexandrinus*), Wilson's plover (*Charadrius wilsonia*) and least tern (*Sterna antillarum*). Due to the ecological importance of this unique area, the U.S. Environmental Protection Agency has identified waters in this region as aquatic resources of national importance (ARNI) and U.S. Fish and Wildlife Service (USFWS) has designated this area as critical habitat for piping plover (Unit TX-1; USFWS, 2009) and as proposed critical habitat for rufa red knot (Unit TX-11; USFWS, 2023). The undeveloped upland areas surrounding South Bay are also comprised of native coastal prairie, deep sand grasslands, and Tamaulipan thornscrub also provide suitable habitat for state and federally listed endangered species, including northern aplomado falcon (*Falco femoralis septentrionalis*) and ocelot (*Leopardus pardalis*).

SpaceX has proposed 25 launches per year (not including pre-flight operations such as static fire tests) where deluge water will be used. Regular discharge of fresh water through the proposed outfalls has the potential to damage or permanently change the nature of the tidal flats. The tidal flat system occurs on flat areas that are influenced by tidal fluctuations in water level. The regular addition of freshwater to these tidal flats could alter the salinity regime and create channels as the discharged effluent flows towards the Rio Grande. Salinity is one of the factors that plays a role in maintaining the lack of emergent vegetation in these tidal flats. Changes in salinity and hydrology could alter the existing algal and vegetation communities that are part of the designated critical habitat of the piping plover and important habitat for other shorebirds. In addition to the potential effects to the tidal flats from the flushing of freshwater are the constituents in the discharge. The Federal Aviation Administration (FAA) document entitled "Written Re-Evaluation of the 2022 Final Programmatic Environmental Assessment for the SpaceX Starship/Super Heavy Launch Vehicle Program at the Boca Chica Launch Site in Cameron County, Texas" (Written Re-Evaluation) states that as much as 190 pounds of steel per launch could be ablated ("eroded") as a result of the heat and force from the rocket engines. Worksheet 2.0: Pollutant Analysis in the permit application shows the results of chemical analyses for a number of different constituents including total copper (9.49 µg/L), hexavalent chromium (25.9 µg/L), total mercury (113 µg/L), total zinc (1,420 µg/L), and the temperature of the water (38 C). These constituents have the potential to adhere to sediments along the discharge route and bioaccumulate to larger organisms such as fish and birds.

The aforementioned Written Re-Evaluation states that the deluge system and fire suppression system could use a combined maximum volume of 361,000 gallons of water. The permit application states that the retention ponds for each launch mount and deluge system would hold 273,000 gallons of water. TPWD acknowledges that much of the water released through the deluge system would evaporate. TPWD also understands that an amount of water is sprayed onto the mudflats during the release of deluge water. TPWD would like to know how much water bypasses the outfalls during launches and static fire tests.

Recommendation: To protect against impacts related to changes in the habitat of the mudflats and contamination TPWD recommends that SpaceX construct retention ponds that would hold the combined maximum volume of 361,000 gallons of water to protect against accidental releases.

Recommendation: TPWD recommends that SpaceX seek a 210 Beneficial Re-Use Authorization from the TCEQ and to reuse all stormwater and deluge waters instead of discharging.

The permit application states under Item 3 (related to impoundments) of the Technical Report that the retention pond bottom is below the seasonal high-water

Ms. Laurie Gharis
Page 4 of 5
October 17, 2024

table and that the pond has no liner or leak detection system. TPWD is concerned that the used deluge water in the retention ponds might leach into the nearby water table and contaminate designated critical piping plover habitat.

Recommendation: TPWD recommends lining the pond with material sufficient to protect nearby groundwater and associated habitat and to install a leak detection system.

The permit application states under Items 5 and 12 (related to cooling water discharges) of the Technical Report that the facility does not discharge once-through cooling water. TPWD acknowledges that SpaceX will not be using water for traditional once-through cooling but that the water is used to cool the launch pads. If the facility will be using water for cooling purposes the TCEQ requires the applicant to identify the source of the water. TPWD acknowledges that source of the deluge water is from a municipality but would like to know if the water is reclaimed or from the municipal drinking water supply

Recommendation: TPWD recommends that the applicant identify the source of the reclaimed water used for cooling purposes and follow the abovementioned recommendations related to retention ponds to protect against known or unknown contaminants.

TPWD requests that these comments be considered with respect to this draft permit. We appreciate the opportunity to offer comment and will continue to work with the TCEQ, the applicant, and other stakeholders to conserve and protect valued freshwater, estuarine, and marine resources along the Texas coastline. If you should have any questions or need more information, please contact me by email at marty.kelly@tpwd.texas.gov or by phone at (512) 389-8214.

Sincerely,



Marty Kelly
Water Resources Program Coordinator

MK:dh

cc: David Yoskowitz, Ph.D.
Mr. Craig Bonds
Mr. Robin Riechers

Ms. Laurie Gharis
Page 5 of 5
October 17, 2024

References

United States Fish and Wildlife Service, 2009. Endangered and Threatened Wildlife and Plants; Revised Designation of Critical Habitat for the Wintering Population of Piping Plover (*Charadrius melodus*) in Texas. Federal Register (74): 23,476 – 23,600.

United States Fish and Wildlife Service, 2023. Endangered and Threatened Wildlife and Plants; Designation of Critical Habitat for Rufa Red Knot. Federal Register (88): 22530 –22693.

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Tuesday, October 15, 2024 3:03 PM
To: PUBCOMMENT-WQ; PUBCOMMENT-ELD; PUBCOMMENT-OCC2; PUBCOMMENT-OPIC
Subject: FW: Public comment on Permit Number WQ0005462000

From: kristen342@hotmail.com <kristen342@hotmail.com>
Sent: Monday, October 14, 2024 6:53 PM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER:

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: Kristen D. Kline

EMAIL: kristen342@hotmail.com

COMPANY:

ADDRESS: 3807 CARMEN AVE
RANCHO VIEJO TX 78575-9557

PHONE: 5123939908

FAX:

COMMENTS: I AM OPPOSED TO THE ISSUANCE OF THE FOLLOWING PERMITS FOR SPACEX LLC:
WQ0005462000 The SpaceX launch pad and Starbase facility emit unacceptable levels of pollutants that threaten Brownsville and Rio Grande Valley residents' health and well-being. Water pollutants also damage the sensitive wetland, salt marsh, and mudflat ecosystems of South Bay, Lower Rio Grande Valley Wildlife Refuge, and Boca Chica Beach, home to numerous endangered and threatened species,

especially migratory birds. As a member of the surrounding community, I am directly impacted by SpaceX's wastewater pollution and activities. I request that TCEQ provide sufficient Spanish language interpretation and translation services at the hearing on October 17 to ensure that all participants' questions are answered. In addition, TCEQ and SpaceX staff must consult with the Carrizo/Comecrudo Tribe of Texas, the original Native people of this region, about this permit application and all SpaceX activities at the Boca Chica Beach site.

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Tuesday, October 15, 2024 3:02 PM
To: PUBCOMMENT-WQ; PUBCOMMENT-ELD; PUBCOMMENT-OCC2; PUBCOMMENT-OPIC
Subject: FW: Public comment on Permit Number WQ0005462000

From: kristen342@hotmail.com <kristen342@hotmail.com>
Sent: Monday, October 14, 2024 6:51 PM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER: 2024-1282-IWD-E

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: Kristen D Kline

EMAIL: kristen342@hotmail.com

COMPANY:

ADDRESS: 3807 CARMEN AVE
RANCHO VIEJO TX 78575-9557

PHONE: 5123939908

FAX:

COMMENTS: I AM OPPOSED TO THE ISSUANCE OF THE FOLLOWING PERMITS FOR SPACEX LLC:
WQ0005462000 The SpaceX launch pad and Starbase facility emit unacceptable levels of pollutants that threaten Brownsville and Rio Grande Valley residents' health and well-being. Water pollutants also damage the sensitive wetland, salt marsh, and mudflat ecosystems of South Bay, Lower Rio Grande Valley Wildlife Refuge, and Boca Chica Beach, home to numerous endangered and threatened species,

especially migratory birds. As a member of the surrounding community, I am directly impacted by SpaceX's wastewater pollution and activities. I request that TCEQ provide sufficient Spanish language interpretation and translation services at the hearing on October 17 to ensure that all participants' questions are answered. In addition, TCEQ and SpaceX staff must consult with the Carrizo/Comecrudo Tribe of Texas, the original Native people of this region, about this permit application and all SpaceX activities at the Boca Chica Beach site.

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Tuesday, October 15, 2024 5:03 PM
To: PUBCOMMENT-OCC2; PUBCOMMENT-OPIC; PUBCOMMENT-ELD; PUBCOMMENT-WQ
Subject: FW: Public comment on Permit Number WQ0005462000

Jesús Bárcena
Office of the Chief Clerk
Texas Commission on Environmental Quality
Office Phone: 512-239-3319

How is our customer service? Fill out our online customer satisfaction survey at:
www.tceq.texas.gov/customersurvey

From: student_remit.04@icloud.com <student_remit.04@icloud.com>
Sent: Tuesday, October 15, 2024 3:22 PM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER: 2024-1282-IWD-E

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: L3 Landon

EMAIL: student_remit.04@icloud.com

COMPANY:

ADDRESS: 16333 6750 RD
MONTROSE CO 81401-9508

PHONE: 9702758524

FAX:

COMMENTS: The natural beauty of South Texas on the coast is remarkable. My partner and I love to visit and we have goals to purchase real estate in the area. I have spent time with SpaceX employees and I have grilled them to my satisfaction about their stewardship of the area. There are no half measures, here. The SpaceX team seems to be passionate about life, ecology, the environment in general, and the safety of its employees, too. I hope to see the South Texas community continue to support this life, saving, securization protecting advancement of technology with human compassion.

Marielle Bascon

From: PUBCOMMENT-OCC
Sent: Thursday, July 25, 2024 9:07 PM
To: PUBCOMMENT-OCC2; PUBCOMMENT-OPIC; PUBCOMMENT-ELD; PUBCOMMENT-WQ
Subject: FW: Public comment on Permit Number WQ0005462000

PM

Jesús Bárcena
Office of the Chief Clerk
Texas Commission on Environmental Quality
Office Phone: 512-239-3319

How is our customer service? Fill out our online customer satisfaction survey at:
www.tceq.texas.gov/customersurvey

From: s_lanoux@yahoo.com <s_lanoux@yahoo.com>
Sent: Thursday, July 25, 2024 8:12 PM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER:

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: DR. Steven Michael Lanoux

EMAIL: s_lanoux@yahoo.com

COMPANY:

ADDRESS: 1145 SIERRA GRANDE DR None
BROWNSVILLE TX 78526-4069

PHONE: 3617494748

FAX:

COMMENTS: I am requesting that TCEQ hold a public meeting in Cameron County to address the issue of SpaceX's application for a Water Quality permit # WQ0005462000, to discharge deluge water into the area near the launch pad. SpaceX operations continue to change in ways that are unregulated with no regard for the surrounding sensitive ecosystem. They have made repeated discharges without permit, and this estuarine environment is suffering. The application as written lacks very important information regarding the design of the containment ponds and actual quantities and qualities of the industrial wastewater discharges over time. There is no provision for treatment of water that does not meet standards for discharge. A public meeting is required so that impacts on local populations, ecosystem, and wildlife, can be shared and understood. The true scope of the operation must be explained to the public.

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Monday, October 21, 2024 9:44 AM
To: PUBCOMMENT-WQ; PUBCOMMENT-ELD; PUBCOMMENT-OCC2; PUBCOMMENT-OPIC
Subject: FW: Public comment on Permit Number WQ0005462000

From: hopkinslaster@aol.com <hopkinslaster@aol.com>
Sent: Wednesday, October 16, 2024 7:10 PM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER:

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: Dorothea Elaine Laster

EMAIL: hopkinslaster@aol.com

COMPANY:

ADDRESS: 2114 VALLEYCREST DR
ARLINGTON TX 76013-5521

PHONE: 2149527172

FAX:

COMMENTS: I oppose a permit for Elon Musk and SpaceX to further poison our Texas waterways and land, and poison the human and wildlife. The public health matters. These preserves and public lands, waters and beaches, the fish contained therein, are not for the selfish destruction and use by one man but they are for the public and our posterity to enjoy in perpetuity. I have reactive airway disease. I choked on the fumes his fifth launch as I took my morning walk on the beach, and I worried for the effects

on the birds (especially my beloved brown pelicans) from the launch and re-entry explosions, smoke and debris. We have right to breathe clean air, drink clean water and preserve wild spaces. Say no to SpaceX's requested defilements.

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Tuesday, October 15, 2024 5:01 PM
To: PUBCOMMENT-OCC2; PUBCOMMENT-OPIC; PUBCOMMENT-ELD; PUBCOMMENT-WQ
Subject: FW: Public comment on Permit Number WQ0005462000

Jesús Bárcena
Office of the Chief Clerk
Texas Commission on Environmental Quality
Office Phone: 512-239-3319

How is our customer service? Fill out our online customer satisfaction survey at:
www.tceq.texas.gov/customersurvey

From: nsm.csr@gmail.com <nsm.csr@gmail.com>
Sent: Tuesday, October 15, 2024 1:52 PM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER: 2024-1282-IWD-E

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: Raquel Leach

EMAIL: nsm.csr@gmail.com

COMPANY:

ADDRESS: 23869 ELLIE LN
HARLINGEN TX 78552-6238

PHONE: 9567328567

FAX:

COMMENTS: Our world belongs to all of us, please think of future generations and stop the damage Elon Musk is doing to our land. I know money talks, but when do we set boundaries? We can't blindly support a person who is continuously polluting our waters and air with his experiments. The extra money for the city was great and all, but at what price? What does it take for us to stop this? When we eventually lose our beaches and access to clean water? Please do the right thing. Do it for your kids and your grandkids and their kids and grandkids. Protect our waters.

TCEQ Registration Form

October 17, 2024

Space Exploration Technologies Corp. Proposed TPDES Permit No. WQ0005462000

PLEASE PRINT

Name: Citlaly Lopez

Mailing Address: ~~XXXXXXXXXXXXXXXXXXXX~~ 2009 Johnson Street Apt B

Physical Address (if different): _____

City/State: Brownsville, Texas Zip: 78521

This information is subject to public disclosure under the Texas Public Information Act

Email: ifscitlaly310@gmail.com

Phone Number: (346) 1899-5479

- Are you here today representing a municipality, legislator, agency, or group? ☒ Yes ☐ No

If yes, which one? Texas Rising

☐ Please add me to the mailing list.

☒ I wish to provide formal *ORAL COMMENTS* at tonight's public meeting.

☐ I wish to provide formal *WRITTEN COMMENTS* at tonight's public meeting.

(Written comments may be submitted at any time during the meeting)

Please give this form to the person at the information table. Thank you.

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Monday, October 21, 2024 9:59 AM
To: PUBCOMMENT-WQ; PUBCOMMENT-ELD; PUBCOMMENT-OCC2; PUBCOMMENT-OPIC
Subject: FW: Public comment on Permit Number WQ0005462000

From: davidlopezjrchino76@gmail.com <davidlopezjrchino76@gmail.com>
Sent: Thursday, October 17, 2024 5:44 AM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER: 2024-1282-IWD-E

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: David Lopez, JR

EMAIL: davidlopezjrchino76@gmail.com

COMPANY: Sandy Sea Charters

ADDRESS: 528 LEGION TRL
LOS FRESNOS TX 78566-3745

PHONE: 9564842580

FAX:

COMMENTS: As for the fishing industry, my company will be hurt financially if water is polluted. I am opposed to the issuance of the following permits for SpaceX LLC: WQ0005462000 The SpaceX launch pad and Starbase facility emit unacceptable levels of pollutants that threaten Brownsville and Rio Grande Valley residents' health and well-being. Water pollutants also damage the sensitive wetland, salt marsh, and mudflat ecosystems of South Bay, Lower Rio Grande Valley Wildlife Refuge, and Boca Chica

Beach, home to numerous endangered and threatened species, especially migratory birds. As a member of the surrounding community, I am directly impacted by SpaceX's wastewater pollution and activities. I request that TCEQ provide sufficient Spanish language interpretation and translation services at the hearing on October 17 to ensure that all participants' questions are answered. In addition, TCEQ and SpaceX staff must consult with the Carrizo/Comecrudo Tribe of Texas, the original Native people of this region, about this permit application and all SpaceX activities at the Boca Chica Beach site.

TCEQ Registration Form

October 17, 2024

Space Exploration Technologies Corp.
Proposed TPDES Permit No. WQ0005462000

PLEASE PRINT

Name: Jessica Lopez

Mailing Address: 3472 Smith Rd. Brownsville, TX 78524

Physical Address (if different): _____

City/State: Brownsville, TX Zip: 78524

This information is subject to public disclosure under the Texas Public Information Act

Email: Jessica.Lopez10@live.com

Phone Number: (956) 832-8916

- Are you here today representing a municipality, legislator, agency, or group? ☐ Yes ☒ No

If yes, which one? _____

☒ Please add me to the mailing list.

☒ I wish to provide formal *ORAL COMMENTS* at tonight's public meeting.

☐ I wish to provide formal *WRITTEN COMMENTS* at tonight's public meeting.

(Written comments may be submitted at any time during the meeting)

Please give this form to the person at the information table. Thank you.

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Monday, October 14, 2024 5:56 PM
To: PUBCOMMENT-OCC2; PUBCOMMENT-OPIC; PUBCOMMENT-ELD; PUBCOMMENT-WQ
Subject: FW: Public comment on Permit Number WQ0005462000

Jesús Bárcena
Office of the Chief Clerk
Texas Commission on Environmental Quality
Office Phone: 512-239-3319

How is our customer service? Fill out our online customer satisfaction survey at:
www.tceq.texas.gov/customersurvey

From: Mjj112002@yahoo.com <Mjj112002@yahoo.com>
Sent: Monday, October 14, 2024 2:21 PM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER: 2024-1282-IWD-E

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: Marco Lopez

EMAIL: Mjj112002@yahoo.com

COMPANY:

ADDRESS: 1008 E DAFFODIL 212
MCALLEN TX 78501-1556

PHONE: 9794363719

FAX:

COMMENTS: We need to stop the contamination of our nations public beaches that are already sensitive ecosystems and sacred lands to local tribes.

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Monday, October 14, 2024 5:55 PM
To: PUBCOMMENT-OCC2; PUBCOMMENT-OPIC; PUBCOMMENT-ELD; PUBCOMMENT-WQ
Subject: FW: Public comment on Permit Number WQ0005462000

Jesús Bárcena
Office of the Chief Clerk
Texas Commission on Environmental Quality
Office Phone: 512-239-3319

How is our customer service? Fill out our online customer satisfaction survey at:
www.tceq.texas.gov/customersurvey

From: Mjj112002@yahoo.com <Mjj112002@yahoo.com>
Sent: Monday, October 14, 2024 2:01 PM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER:

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: Marco Lopez

EMAIL: Mjj112002@yahoo.com

COMPANY:

ADDRESS: 1008 E DAFFODIL 212
MCALLEN TX 78501-1556

PHONE: 9794363719

FAX:

COMMENTS: The degradation and contamination of our public beaches needs to stop. The damaging of your already very sensitive beach eco-system is eroding the once beautiful beaches. We need to stop the exploitation of tribal and sacred lands that belong to the Esto' K gang tribe. Please cancel this permit now!

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Monday, October 14, 2024 5:56 PM
To: PUBCOMMENT-OCC2; PUBCOMMENT-OPIC; PUBCOMMENT-ELD; PUBCOMMENT-WQ
Subject: FW: Public comment on Permit Number WQ0005462000

Jesús Bárcena
Office of the Chief Clerk
Texas Commission on Environmental Quality
Office Phone: 512-239-3319

How is our customer service? Fill out our online customer satisfaction survey at:
www.tceq.texas.gov/customersurvey

From: Mjj112002@yahoo.com <Mjj112002@yahoo.com>
Sent: Monday, October 14, 2024 2:04 PM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER: 2024-1282-IWD-E

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: Marco Lopez

EMAIL: Mjj112002@yahoo.com

COMPANY:

ADDRESS: 1008 E DAFFODIL 212
MCALLEN TX 78501-1556

PHONE: 9794363719



FAX:

COMMENTS: We need to stop the contamination of our nations public beaches that are already sensitive ecosystems and sacred lands to local tribes.

TCEQ Registration Form

October 17, 2024

Space Exploration Technologies Corp.
Proposed TPDES Permit No. WQ0005462000

PLEASE PRINT

Name: Jaime D. LOYA

Mailing Address: 1453 Las Lomas Drive

Physical Address (if different): _____

City/State: Brownsville Texas Zip: 78526

This information is subject to public disclosure under the Texas Public Information Act

Email: _____

Phone Number: (956) 543-4652

- Are you here today representing a municipality, legislator, agency, or group? ☐ Yes ☐ No

If yes, which one? _____

☐ Please add me to the mailing list.

☒ I wish to provide formal *ORAL COMMENTS* at tonight's public meeting.

☐ I wish to provide formal *WRITTEN COMMENTS* at tonight's public meeting.

(Written comments may be submitted at any time during the meeting)

Please give this form to the person at the information table. Thank you.

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Wednesday, October 16, 2024 2:48 PM
To: PUBCOMMENT-WQ; PUBCOMMENT-ELD; PUBCOMMENT-OCC2; PUBCOMMENT-OPIC
Subject: FW: Public comment on Permit Number WQ0005462000

From: eplozano@msn.com <eplozano@msn.com>
Sent: Tuesday, October 15, 2024 6:37 PM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER: 2024-1282-IWD-E

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: Erasmo Lozano

EMAIL: eplozano@msn.com

COMPANY:

ADDRESS: 672 E Clam Cir
Port Isabel TX 78578

PHONE: 9564720988

FAX:

COMMENTS: I disagree with this action of disposing of this treated water into the South Bay wild life reserve . An evaluation should be given to use this water for farming or watering of vegetation in other areas . The disposal of this water into the South Bay is only a practical solution for the provider of the water. Can it be made public what benefits would this do for the South Bay. This is not a natural

occurrence this will Be a man made practice which will Cause only damage and not benefit to the South Bay.... PLEASE DO NOT ALLOW THIS DUMP...

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Tuesday, October 15, 2024 5:00 PM
To: PUBCOMMENT-OCC2; PUBCOMMENT-OPIC; PUBCOMMENT-ELD; PUBCOMMENT-WQ
Subject: FW: Public comment on Permit Number WQ0005462000

Jesús Bárcena
Office of the Chief Clerk
Texas Commission on Environmental Quality
Office Phone: 512-239-3319

How is our customer service? Fill out our online customer satisfaction survey at:
www.tceq.texas.gov/customersurvey

From: eplozano@msn.com <eplozano@msn.com>
Sent: Tuesday, October 15, 2024 12:20 PM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER: 2024-1282-IWD-E

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: Erasmo Lozano

EMAIL: eplozano@msn.com

COMPANY:

ADDRESS: 672 E Clam Cir
Port Isabel TX 78578

PHONE: 9564720988

FAX:

COMMENTS: I disagree with this action of disposing of this treated water into the South Bay wild life reserve . An evaluation should be given to use this water for farming or watering of vegetation in other areas . The disposal of this water into the South Bay is only a practical solution for the provider of the water. Can it be made public what benefits would this do for the South Bay. This is not a natural occurrence this will Be a man made practice which will Cause only damage and not benefit to the South Bay.... PLEASE DO NOT ALLOW THIS DUMP...

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Monday, August 5, 2024 4:41 PM
To: PUBCOMMENT-WQ; PUBCOMMENT-ELD; PUBCOMMENT-OCC2; PUBCOMMENT-OPIC
Subject: FW: Public comment on Permit Number WQ0005462000

From: goof18@aol.com <goof18@aol.com>
Sent: Friday, August 2, 2024 11:55 AM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER:

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: MS Jeanette Lozano

EMAIL: goof18@aol.com

COMPANY:

ADDRESS: 1202 MIRAMAR
BROWNSVILLE TX 78520-7440

PHONE: 9564558428

FAX:

COMMENTS: Please block. We do not want this. At all.

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Tuesday, October 15, 2024 5:02 PM
To: PUBCOMMENT-OCC2; PUBCOMMENT-OPIC; PUBCOMMENT-ELD; PUBCOMMENT-WQ
Subject: FW: Public comment on Permit Number WQ0005462000

Jesús Bárcena
Office of the Chief Clerk
Texas Commission on Environmental Quality
Office Phone: 512-239-3319

How is our customer service? Fill out our online customer satisfaction survey at:
www.tceq.texas.gov/customersurvey

From: acitizen0001@gmail.com <acitizen0001@gmail.com>
Sent: Tuesday, October 15, 2024 2:44 PM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER: 2024-1282-IWD-E

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: Nicholas Martin

EMAIL: acitizen0001@gmail.com

COMPANY:

ADDRESS: 1200 BARTON HILLS DR APT 185
AUSTIN TX 78704-1907

PHONE: 5126695400



FAX:

COMMENTS: Subject: Urgent Request for Investigation into SpaceX's Environmental Impact on the Gulf of Mexico Texas Commission on Environmental Quality Dear Administrator, I am writing to express my deep concern regarding SpaceX's recent activities and their potential negative impact on the delicate ecosystem of the Gulf of Mexico. As a resident of Texas and a staunch advocate for environmental protection, I urge the Texas Commission on Environmental Quality (TCEQ) to conduct a thorough and immediate investigation into SpaceX's operations and their potential contributions to pollution in the Gulf. While I understand the importance of technological advancement and space exploration, it is imperative that these pursuits are carried out in a manner that safeguards our natural resources and the health of our coastal communities. Recent reports and concerns raised by environmental organizations have highlighted the potential risks posed by SpaceX's operations, including:

- * **Rocket Launches and Debris:** The launch of rockets and the subsequent dispersal of debris can have significant consequences for marine life, including seabirds, sea turtles, and marine mammals. These impacts can range from direct physical harm to disruption of critical habitats.
- * **Chemical Pollution:** The use of hazardous chemicals and fuels associated with rocket launches and manufacturing processes can contaminate the Gulf's waters, posing risks to aquatic ecosystems and human health.
- * **Noise Pollution:** The intense noise generated by rocket launches can disrupt marine life's communication and behavior, potentially leading to adverse ecological effects.

I implore the TCEQ to take swift action to assess the extent of SpaceX's environmental impact on the Gulf of Mexico and to implement appropriate measures to mitigate any negative consequences. This may include:

- * **Environmental Impact Assessments:** Requiring SpaceX to conduct comprehensive environmental impact assessments prior to any future launches or expansions of operations.
- * **Monitoring and Enforcement:** Establishing rigorous monitoring programs to track SpaceX's compliance with environmental regulations and enforcing penalties for any violations.
- * **Public Engagement:** Ensuring that the public is informed about SpaceX's activities and has opportunities to participate in decision-making processes.

The Gulf of Mexico is a vital natural resource that supports a diverse array of marine life and provides economic benefits to coastal communities. It is our responsibility to protect this precious ecosystem for future generations. I urge the TCEQ to take immediate action to address the concerns raised about SpaceX's environmental impact and to ensure that the Gulf of Mexico remains a healthy and thriving marine environment. Thank you for your attention to this urgent matter. Sincerely, Nicholas

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Tuesday, October 15, 2024 4:59 PM
To: PUBCOMMENT-OCC2; PUBCOMMENT-OPIC; PUBCOMMENT-ELD; PUBCOMMENT-WQ
Subject: FW: Public comment on Permit Number WQ0005462000

Jesús Bárcena
Office of the Chief Clerk
Texas Commission on Environmental Quality
Office Phone: 512-239-3319

How is our customer service? Fill out our online customer satisfaction survey at:
www.tceq.texas.gov/customersurvey

From: otherblanca@yahoo.com <otherblanca@yahoo.com>
Sent: Tuesday, October 15, 2024 11:11 AM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER: 2024-1282-IWD-E

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: MS Blanca Martinez

EMAIL: otherblanca@yahoo.com

COMPANY:

ADDRESS: 8710 US HIGHWAY 281
BROWNSVILLE TX 78520-9530

PHONE: 9563467732

FAX:

COMMENTS: I am opposed to the issuance of the following permits for SpaceX LLC: WQ0005462000 I am Blanca Martinez, a 45-year-old native of Brownsville. I am a white Hispanic, disabled veteran, and a single mother of three. This situation is absolutely against public interest. The pollutants and the unknown long-term effects of the chemicals being used are concerning. These brilliant engineers, who have figured out how to build rockets in just a few short years, should also be able to figure out how to dispose of wastewater properly, not like a Third World country. The livelihoods and lives of people are affected by what happens here and the decisions being made today. South Bay, with its abundance of saltwater fish, is enjoyed by thousands of people every year. Additionally, this area is known throughout the world-of birding, attracting many species of birds that migrate through this area annually. The native vegetation and plants that attract these birds are also being affected. It is imperative that we prioritize the safety and health of our community. The engineers and decision-makers must take immediate action to ensure that waste disposal methods are safe and effective. We cannot afford to compromise the health of our residents and the natural beauty of our environment for the sake of progress. I urge you to consider the impact on our community and take the necessary steps to protect our health and environment. Thank you for your attention to this critical issue. Sincerely, Blanca Martinez

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Tuesday, October 15, 2024 5:00 PM
To: PUBCOMMENT-OCC2; PUBCOMMENT-OPIC; PUBCOMMENT-ELD; PUBCOMMENT-WQ
Subject: FW: Public comment on Permit Number WQ0005462000

Jesús Bárcena
Office of the Chief Clerk
Texas Commission on Environmental Quality
Office Phone: 512-239-3319

How is our customer service? Fill out our online customer satisfaction survey at:
www.tceq.texas.gov/customersurvey

From: otherblanca@yahoo.com <otherblanca@yahoo.com>
Sent: Tuesday, October 15, 2024 11:43 AM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER: 2024-1282-IWD-E

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: MS Blanca Martinez

EMAIL: otherblanca@yahoo.com

COMPANY:

ADDRESS: 8710 US HIGHWAY 281
BROWNSVILLE TX 78520-9530

PHONE: 9563467732

FAX:

COMMENTS: I am opposed to the issuance of the following permits for SpaceX LLC: WQ0005462000 I am Blanca Martinez, a 45-year-old native of Brownsville. I am a white Hispanic, disabled veteran, and a single mother of three. This situation is absolutely against public interest. The pollutants and the unknown long-term effects of the chemicals being used are concerning. These brilliant engineers, who have figured out how to build rockets in just a few short years, should also be able to figure out how to dispose of wastewater properly, not like a Third World country. The livelihoods and lives of people are affected by what happens here and the decisions being made today. South Bay, with its abundance of saltwater fish, is enjoyed by thousands of people every year. Additionally, this area is known throughout the world-of birding, attracting many species of birds that migrate through this area annually. The native vegetation and plants that attract these birds are also being affected. It is imperative that we prioritize the safety and health of our community. The engineers and decision-makers must take immediate action to ensure that waste disposal methods are safe and effective. We cannot afford to compromise the health of our residents and the natural beauty of our environment for the sake of progress. I urge you to consider the impact on our community and take the necessary steps to protect our health and environment. Thank you for your attention to this critical issue. Sincerely, Blanca Martinez

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Monday, October 21, 2024 11:42 AM
To: PUBCOMMENT-WQ; PUBCOMMENT-ELD; PUBCOMMENT-OCC2; PUBCOMMENT-OPIC
Subject: FW: Public comment on Permit Number WQ0005462000

From: MartinezJerry4915@gmail.com <MartinezJerry4915@gmail.com>
Sent: Thursday, October 17, 2024 4:07 PM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER:

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: Genaro Martinez

EMAIL: MartinezJerry4915@gmail.com

COMPANY:

ADDRESS: 4915 LAKEWAY DR
BROWNSVILLE TX 78520-9246

PHONE: 9564592191

FAX:

COMMENTS: I am opposed to the issuance of the following permits for SpaceX LLC: WQ0005462000 The SpaceX launch pad and Starbase facility emit unacceptable levels of pollutants that threaten Brownsville and Rio Grande Valley residents' health and well-being. Water pollutants also damage the sensitive wetland, salt marsh, and mudflat ecosystems of South Bay, Lower Rio Grande Valley Wildlife Refuge, and Boca Chica Beach, home to numerous endangered and threatened species, especially migratory

birds. As lifelong community members, we have enjoyed the natural environment for fishing and recreation and would be devastated if the area were harmed by this activity. As a member of the surrounding community, I am directly impacted by SpaceX's wastewater pollution and activities. We own property in both Port Isabel and in Brownsville and spend considerable time outdoors enjoying the amenities that the area offers. In addition, TCEQ and SpaceX staff must consult with the Carrizo/Comecrudo Tribe of Texas, the original Native people of this region, about this permit application and all SpaceX activities at the Boca Chica Beach site.

RECEIVED

OCT 17 2024

APPROVED

Comentario público:

Corporación de Tecnologías de Exploración Espacial.

Intención de obtener un permiso de calidad del agua y

Aviso de Solicitud y Decisión Preliminar para el Permiso TPDES para Aguas Residuales Industriales

Permiso No. WQ0005462000

NAME/NOMBRE: Lazaro Martinez

ADDRESS/DIRECCIÓN: 2504 Florence Ave

PHONE NUMBER/TELÉFONO*: 956-542-3318

EMAIL/CORREO ELECTRONICO*: lsanchez@borderworkersunited.org

AGE/EDAD*: 50

RACE/RAZA * Hispanic

*Opcional

Comentario público:

I am opposed to the issuance of the following permits for SpaceX LLC: WQ0005462000

The SpaceX launch pad and Starbase facility emit unacceptable levels of pollutants that threaten Brownsville and Rio Grande Valley residents' health and well-being. Water pollutants also damage the sensitive wetland, salt marsh, and mudflat ecosystems of South Bay, Lower Rio Grande Valley Wildlife Refuge, and Boca Chica Beach, home to numerous endangered and threatened species, especially migratory birds. As a member of the surrounding community, I am directly impacted by SpaceX's wastewater pollution and activities. I request that TCEQ provide sufficient Spanish language interpretation and translation services at the hearing on October 17 to ensure that all participants' questions are answered. In addition, TCEQ and SpaceX staff must consult with the Carrizo/Comecrudo Tribe of Texas, the original Native people of this region, about this permit application and all SpaceX activities at the Boca Chica Beach site.

Me opongo a la emisión de los siguientes permisos a favor de SpaceX LLC: WQ0005462000

La plataforma de lanzamiento de SpaceX y las instalaciones de Starbase emiten niveles inaceptables de contaminantes que amenazan la salud y el bienestar de los residentes de Brownsville y el Valle del Río Grande. Los contaminantes del agua también dañan los sensibles ecosistemas de humedales, pantanos salinos y marisma de South Bay, el Refugio de Vida Silvestre del Valle Bajo del Río Grande y la Playa de Boca Chica, hogar de numerosas especies amenazadas y en peligro de extinción, especialmente aves migratorias. Me afecta directamente la contaminación de las aguas residuales y las actividades de SpaceX. Solicito que TCEQ brinde además servicios de interpretación y traducción al idioma español en la audiencia del 17 de octubre. Además, el personal de TCEQ y SpaceX debe consultar con la Tribu Carrizo/Comecrudo de Texas, el pueblo nativo original de esta región, sobre esta solicitud de permiso y todas las actividades de SpaceX en el sitio de Boca Chica Beach.

Additional Comments/Comentarios Adicionales:

Uno de mis hobbies es ir a buscarlos a
fugir carreras con un grupo de deportes
ahora ya no tenemos seguridad para estar ahí
y menos nos queremos exponer a químicos
que pueden afectar nuestra salud.

Signature/Firma: _____

Fecha: 10/17/24

Additional Comments/Comentarios Adicionales:

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Wednesday, October 16, 2024 2:51 PM
To: PUBCOMMENT-WQ; PUBCOMMENT-ELD; PUBCOMMENT-OCC2; PUBCOMMENT-OPIC
Subject: FW: Public comment on Permit Number WQ0005462000

From: manue1martinez@icloud.com <manue1martinez@icloud.com>
Sent: Tuesday, October 15, 2024 9:06 PM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER: 2024-1282-IWD-E

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: Manuel Martinez

EMAIL: manue1martinez@icloud.com

COMPANY:

ADDRESS: 1702 E 21ST ST
MISSION TX 78572-3126

PHONE: 9566009012

FAX:

COMMENTS: I am opposed to the issuance of the following permits for SpaceX LLC: WQ0005462000 The SpaceX launch pad and Starbase facility emit unacceptable levels of pollutants that threaten Brownsville and Rio Grande Valley residents' health and well-being. Water pollutants also damage the sensitive wetland, salt marsh, and mudflat ecosystems of South Bay, Lower Rio Grande Valley Wildlife Refuge, and Boca Chica Beach, home to numerous endangered and threatened species, especially migratory

birds. As a member of the surrounding community, I am directly impacted by SpaceX's wastewater pollution and activities. I request that TCEQ provide sufficient Spanish language interpretation and translation services at the hearing on October 17 to ensure that all participants' questions are answered. In addition, TCEQ and SpaceX staff must consult with the Carrizo/Comecrudo Tribe of Texas, the original Native people of this region, about this permit application and all SpaceX activities at the Boca Chica Beach site.

RECEIVED

OCT 17 2024

AT PUBLIC MEETING

Comentario público:

Corporación de Tecnologías de Exploración Espacial.

Intención de obtener un permiso de calidad del agua y

Aviso de Solicitud y Decisión Preliminar para el Permiso TPDES para Aguas Residuales Industriales

Permiso No. WQ0005462000

NAME/NOMBRE: Ricardo Martinez

ADDRESS/DIRECCIÓN: 2201 Florence Ave

PHONE NUMBER/TELÉFONO*: 956-640-1855

EMAIL/CORREO ELECTRONICO*: Isanchez@borderwaterscouncil.org

AGE/EDAD*: 52

RACE/RAZA*: hispanic

*Opcional

Comentario público:

I am opposed to the issuance of the following permits for SpaceX LLC: WQ0005462000

The SpaceX launch pad and Starbase facility emit unacceptable levels of pollutants that threaten Brownsville and Rio Grande Valley residents' health and well-being. Water pollutants also damage the sensitive wetland, salt marsh, and mudflat ecosystems of South Bay, Lower Rio Grande Valley Wildlife Refuge, and Boca Chica Beach, home to numerous endangered and threatened species, especially migratory birds. As a member of the surrounding community, I am directly impacted by SpaceX's wastewater pollution and activities. I request that TCEQ provide sufficient Spanish language interpretation and translation services at the hearing on October 17 to ensure that all participants' questions are answered. In addition, TCEQ and SpaceX staff must consult with the Carrizo/Comecrudo Tribe of Texas, the original Native people of this region, about this permit application and all SpaceX activities at the Boca Chica Beach site.

Me opongo a la emisión de los siguientes permisos a favor de SpaceX LLC: WQ0005462000

La plataforma de lanzamiento de SpaceX y las instalaciones de Starbase emiten niveles inaceptables de contaminantes que amenazan la salud y el bienestar de los residentes de Brownsville y el Valle del Río Grande. Los contaminantes del agua también dañan los sensibles ecosistemas de humedales, pantanos salinos y marisma de South Bay, el Refugio de Vida Silvestre del Valle Bajo del Río Grande y la Playa de Boca Chica, hogar de numerosas especies amenazadas y en peligro de extinción, especialmente aves migratorias. Me afecta directamente la contaminación de las aguas residuales y las actividades de SpaceX. Solicito que TCEQ brinde además servicios de interpretación y traducción al idioma español en la audiencia del 17 de octubre. Además, el personal de TCEQ y SpaceX debe consultar con la Tribu Carrizo/Comecrudo de Texas, el pueblo nativo original de esta región, sobre esta solicitud de permiso y todas las actividades de SpaceX en el sitio de Boca Chica Beach.

Additional Comments/Comentarios Adicionales:

Desde pequeño mi madre y padre nos enseñaron a
cuidar y disfrutar de la playa. Por mucho tiempo desde que
llegó Spruce X. Se ha limitado lo entradas a las familias
que gozamos de la playa.

Entiendo que ahora con los lanzamientos de cohetes, no es
seguro estar ahí. Y menos ahora con los químicos que
están poniendo en las aguas residuales.

Necesitamos cuidar nuestros recursos naturales!

Signature/Firma: Ricardo Méndez

Fecha: October 16, 2024

Additional Comments/Comentarios Adicionales:

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Monday, October 21, 2024 11:27 AM
To: PUBCOMMENT-WQ; PUBCOMMENT-ELD; PUBCOMMENT-OCC2; PUBCOMMENT-OPIC
Subject: FW: Public comment on Permit Number WQ0005462000

From: rosemary4915@hotmail.com <rosemary4915@hotmail.com>
Sent: Thursday, October 17, 2024 4:06 PM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER:

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: Rosemary Martinez

EMAIL: rosemary4915@hotmail.com

COMPANY:

ADDRESS: 4915 LAKEWAY DR
BROWNSVILLE TX 78520-9246

PHONE: 9564592191

FAX:

COMMENTS: I am opposed to the issuance of the following permits for SpaceX LLC: WQ0005462000 The SpaceX launch pad and Starbase facility emit unacceptable levels of pollutants that threaten Brownsville and Rio Grande Valley residents' health and well-being. Water pollutants also damage the sensitive wetland, salt marsh, and mudflat ecosystems of South Bay, Lower Rio Grande Valley Wildlife Refuge, and Boca Chica Beach, home to numerous endangered and threatened species, especially migratory

birds. As lifelong community members, we have enjoyed the natural environment for fishing and recreation and would be devastated if the area were harmed by this activity. As a member of the surrounding community, I am directly impacted by SpaceX's wastewater pollution and activities. We own property in both Port Isabel and in Brownsville and spend considerable time outdoors enjoying the amenities that the area offers. In addition, TCEQ and SpaceX staff must consult with the Carrizo/Comecrudo Tribe of Texas, the original Native people of this region, about this permit application and all SpaceX activities at the Boca Chica Beach site.

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Monday, October 21, 2024 1:19 PM
To: PUBCOMMENT-WQ; PUBCOMMENT-ELD; PUBCOMMENT-OCC2; PUBCOMMENT-OPIC
Subject: FW: Public comment on Permit Number WQ0005462000

From: Vicente_martinez0401@yahoo.com <Vicente_martinez0401@yahoo.com>
Sent: Thursday, October 17, 2024 11:40 PM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER: 2024-1282-IWD-E

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: MR Vicente Martinez, JR

EMAIL: Vicente_martinez0401@yahoo.com

COMPANY:

ADDRESS: 105 ACACIA DR
BROWNSVILLE TX 78520-8003

PHONE: 9566171632

FAX:

COMMENTS: Please vote against this. Our communities deserve clean and a safe environment for us to flourish. SpaceX is causing horrible harm to us and we won't know the impacts until it's too late. Our communities already see the impacts firsthand. We won't have the luxury to leave when this community no longer livable.

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Monday, October 21, 2024 1:15 PM
To: PUBCOMMENT-WQ; PUBCOMMENT-ELD; PUBCOMMENT-OCC2; PUBCOMMENT-OPIC
Subject: FW: Public comment on Permit Number WQ0005462000

From: Vicente_martinez0401@yahoo.com <Vicente_martinez0401@yahoo.com>
Sent: Thursday, October 17, 2024 8:06 PM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER: 2024-1282-IWD-E

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: MR Vicente Martinez, JR

EMAIL: Vicente_martinez0401@yahoo.com

COMPANY:

ADDRESS: 105 ACACIA DR
BROWNSVILLE TX 78520-8003

PHONE: 9566171632

FAX:

COMMENTS: Please vote against this. Our communities deserve clean and a safe environment for us to flourish. SpaceX is causing horrible harm to us and we won't know the impacts until it's too late. Our communities already see the impacts firsthand. We won't have the luxury to leave when this community no longer livable.

6

TCEQ Registration Form

October 17, 2024

Space Exploration Technologies Corp.
Proposed TPDES Permit No. WQ0005462000

PLEASE PRINT

Name: Jesse Mata

Mailing Address: 4090 Retama Drive, Brownsville Texas

Physical Address (if different): _____

City/State: _____ Zip: _____

This information is subject to public disclosure under the Texas Public Information Act

Email: sdojmj78@yahoo.com

Phone Number: (956) 451-6279

- Are you here today representing a municipality, legislator, agency, or group? ☐ Yes ☒ No

If yes, which one? _____

☐ Please add me to the mailing list.

☒ I wish to provide formal *ORAL COMMENTS* at tonight's public meeting.

☐ I wish to provide formal *WRITTEN COMMENTS* at tonight's public meeting.

(Written comments may be submitted at any time during the meeting)

Please give this form to the person at the information table. Thank you.

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Monday, October 21, 2024 1:20 PM
To: PUBCOMMENT-WQ; PUBCOMMENT-ELD; PUBCOMMENT-OCC2; PUBCOMMENT-OPIC
Subject: FW: Public comment on Permit Number WQ0005462000

From: dolissa@hotmail.com <dolissa@hotmail.com>
Sent: Friday, October 18, 2024 2:36 AM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER:

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: Dolissa Medina

EMAIL: dolissa@hotmail.com

COMPANY:

ADDRESS: 634 WINDCREST DR
BROWNSVILLE TX 78521-3558

PHONE: 9565422468

FAX:

COMMENTS: This deluge system creates industrial wastewater full of heavy metals and PFA's -- Per- and Polyfluoroalkyl Substances. This is toxic to the delicate ecosystem of the nearby federal wildlife refuge. You must deny SpaceX the permit. You must continue to hold them accountable to the Clean Water Act. Stop the pollution of our local lands, waters, animals, and communities of the Rio Grande Valley.

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Monday, October 21, 2024 10:00 AM
To: PUBCOMMENT-WQ; PUBCOMMENT-ELD; PUBCOMMENT-OCC2; PUBCOMMENT-OPIC
Subject: FW: Public comment on Permit Number WQ0005462000

From: dolissa@hotmail.com <dolissa@hotmail.com>
Sent: Thursday, October 17, 2024 8:57 AM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER:

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: Dolissa Medina

EMAIL: dolissa@hotmail.com

COMPANY:

ADDRESS: 634 WINDCREST DR
BROWNSVILLE TX 78521-3558

PHONE: 9565422468

FAX:

COMMENTS: This deluge system creates industrial wastewater full of heavy metals and PFA's -- Per- and Polyfluoroalkyl Substances. This is toxic to the delicate ecosystem of the nearby federal wildlife refuge. You must deny SpaceX the permit. You must continue to hold them accountable to the Clean Water Act. Stop the pollution of our local lands, waters, animals, and communities of the Rio Grande Valley.

42

TCEQ Registration Form

October 17, 2024

Space Exploration Technologies Corp. Proposed TPDES Permit No. WQ0005462000

PLEASE PRINT

Name: Melinda Melo

Mailing Address: 112 Dawson Road

Physical Address (if different): _____

City/State: Mercedes, TX Zip: 78570

This information is subject to public disclosure under the Texas Public Information Act

Email: melinda@ourzwf.org

Phone Number: (956) 660-4225

- Are you here today representing a municipality, legislator, agency, or group? ☒ Yes ☐ No

If yes, which one? Our Zero Waste Future and Mother Earth

☐ Please add me to the mailing list.

☒ I wish to provide formal *ORAL COMMENTS* at tonight's public meeting.

☐ I wish to provide formal *WRITTEN COMMENTS* at tonight's public meeting.

(Written comments may be submitted at any time during the meeting)

Please give this form to the person at the information table. Thank you.

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Monday, October 21, 2024 9:43 AM
To: PUBCOMMENT-WQ; PUBCOMMENT-ELD; PUBCOMMENT-OCC2; PUBCOMMENT-OPIC
Subject: FW: Public comment on Permit Number WQ0005462000

From: Dulcemendoza687@gmail.com <Dulcemendoza687@gmail.com>
Sent: Wednesday, October 16, 2024 6:20 PM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER:

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: Dulce C Mendoza

EMAIL: Dulcemendoza687@gmail.com

COMPANY:

ADDRESS: 33252 MUNOZ AVE
SAN BENITO TX 78586-9133

PHONE: 9562026551

FAX:

COMMENTS: Our beaches will become even dirtier(there is tar spots on our sand RIGHT NOW, if you have visited put beach you will know exactly what I am talking about.) Our birds will have no safe homes. Our fishes and turtles will die. Our fisherman will have no more sustainable jobs. Our people will have no where to swim. This disgusting plan is a plan for irresponsible, irreversible environmental damage. Shame on you for wanting to kill our beach and allow a colonizer like Elon to destroy our beautiful South

Padre Island. I am opposed to the issuance of the following permits for SpaceX LLC: WQ0005462000 The SpaceX launch pad and Starbase facility emit unacceptable levels of pollutants that threaten Brownsville and Rio Grande Valley residents' health and well-being. Water pollutants also damage the sensitive wetland, salt marsh, and mudflat ecosystems of South Bay, Lower Rio Grande Valley Wildlife Refuge, and Boca Chica Beach, home to numerous endangered and threatened species, especially migratory birds. As a member of the surrounding community, I am directly impacted by SpaceX's wastewater pollution and activities. I request that TCEQ provide sufficient Spanish language interpretation and translation services at the hearing on October 17 to ensure that all participants' questions are answered. In addition, TCEQ and SpaceX staff must consult with the Carrizo/Comecrudo Tribe of Texas, the original Native people of this region, about this permit application and all SpaceX activities at the Boca Chica Beach site.

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Monday, October 21, 2024 9:41 AM
To: PUBCOMMENT-WQ; PUBCOMMENT-ELD; PUBCOMMENT-OCC2; PUBCOMMENT-OPIC
Subject: FW: Public comment on Permit Number WQ0005462000

From: Dulcemendoza687@gmail.com <Dulcemendoza687@gmail.com>
Sent: Wednesday, October 16, 2024 5:57 PM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER:

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: Dulce C Mendoza

EMAIL: Dulcemendoza687@gmail.com

COMPANY:

ADDRESS: 33252 MUNOZ AVE
SAN BENITO TX 78586-9133

PHONE: 9562026551

FAX:

COMMENTS: Our beaches will become even dirtier(there is tar spots on our sand RIGHT NOW, if you have visited put beach you will know exactly what I am talking about.) Our birds will have no safe homes. Our fishes and turtles will die. Our fisherman will have no more sustainable jobs. Our people will have no where to swim. This disgusting plan is a plan for irresponsible, irreversible environmental damage. Shame on you for wanting to kill our beach and allow a colonizer like Elon to destroy our beautiful South

Padre Island. I am opposed to issuance of the following permits for SpaceX LLC: WQ0005462000 The SpaceX launch pad and Starbase facility emit unacceptable levels of pollutants that threaten Brownsville and Rio Grande Valley residents' health and well-being. Water pollutants also damage the sensitive wetland, salt marsh, and mudflat ecosystems of South Bay, Lower Rio Grande Valley Wildlife Refuge, and Boca Chica Beach, home to numerous endangered and threatened species, especially migratory birds. As a member of the surrounding community, I am directly impacted by SpaceX's wastewater pollution and activities. I request that TCEQ provide sufficient Spanish language interpretation and translation services at the hearing on October 17 to ensure that all participants' questions are answered. In addition, TCEQ and SpaceX staff must consult with the Carrizo/Comecrudo Tribe of Texas, the original Native people of this region, about this permit application and all SpaceX activities at the Boca Chica Beach site.

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Monday, October 21, 2024 9:42 AM
To: PUBCOMMENT-WQ; PUBCOMMENT-ELD; PUBCOMMENT-OCC2; PUBCOMMENT-OPIC
Subject: FW: Public comment on Permit Number WQ0005462000

From: Dulcemendoza687@gmail.com <Dulcemendoza687@gmail.com>
Sent: Wednesday, October 16, 2024 6:00 PM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER: 2024-1282-IWD-E

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: Dulce C Mendoza

EMAIL: Dulcemendoza687@gmail.com

COMPANY:

ADDRESS: 33252 MUNOZ AVE
SAN BENITO TX 78586-9133

PHONE: 9562026551

FAX:

COMMENTS: I am opposed to the issuance of the following permits for SpaceX LLC: WQ0005462000 The SpaceX launch pad and Starbase facility emit unacceptable levels of pollutants that threaten Brownsville and Rio Grande Valley residents' health and well-being. Water pollutants also damage the sensitive wetland, salt marsh, and mudflat ecosystems of South Bay, Lower Rio Grande Valley Wildlife Refuge, and Boca Chica Beach, home to numerous endangered and threatened species, especially migratory

birds. As a member of the surrounding community, I am directly impacted by SpaceX's wastewater pollution and activities. I request that TCEQ provide sufficient Spanish language interpretation and translation services at the hearing on October 17 to ensure that all participants' questions are answered. In addition, TCEQ and SpaceX staff must consult with the Carrizo/Comecrudo Tribe of Texas, the original Native people of this region, about this permit application and all SpaceX activities at the Boca Chica Beach site.

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Monday, October 21, 2024 9:42 AM
To: PUBCOMMENT-WQ; PUBCOMMENT-ELD; PUBCOMMENT-OCC2; PUBCOMMENT-OPIC
Subject: FW: Public comment on Permit Number WQ0005462000

From: Dulcemendoza687@gmail.com <Dulcemendoza687@gmail.com>
Sent: Wednesday, October 16, 2024 6:19 PM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER: 2024-1282-IWD-E

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: Dulce C Mendoza

EMAIL: Dulcemendoza687@gmail.com

COMPANY:

ADDRESS: 33252 MUNOZ AVE
SAN BENITO TX 78586-9133

PHONE: 9562026551

FAX:

COMMENTS: I am opposed to the issuance of the following permits for SpaceX LLC: WQ0005462000 The SpaceX launch pad and Starbase facility emit unacceptable levels of pollutants that threaten Brownsville and Rio Grande Valley residents' health and well-being. Water pollutants also damage the sensitive wetland, salt marsh, and mudflat ecosystems of South Bay, Lower Rio Grande Valley Wildlife Refuge, and Boca Chica Beach, home to numerous endangered and threatened species, especially migratory

birds. As a member of the surrounding community, I am directly impacted by SpaceX's wastewater pollution and activities. I request that TCEQ provide sufficient Spanish language interpretation and translation services at the hearing on October 17 to ensure that all participants' questions are answered. In addition, TCEQ and SpaceX staff must consult with the Carrizo/Comecrudo Tribe of Texas, the original Native people of this region, about this permit application and all SpaceX activities at the Boca Chica Beach site.

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Monday, October 21, 2024 9:42 AM
To: PUBCOMMENT-WQ; PUBCOMMENT-ELD; PUBCOMMENT-OCC2; PUBCOMMENT-OPIC
Subject: FW: Public comment on Permit Number WQ0005462000

From: Dulcemendoza687@gmail.com <Dulcemendoza687@gmail.com>
Sent: Wednesday, October 16, 2024 6:19 PM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER: 2024-1282-IWD-E

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: Dulce C Mendoza

EMAIL: Dulcemendoza687@gmail.com

COMPANY:

ADDRESS: 33252 MUNOZ AVE
SAN BENITO TX 78586-9133

PHONE: 9562026551

FAX:

COMMENTS: I am opposed to the issuance of the following permits for SpaceX LLC: WQ0005462000 The SpaceX launch pad and Starbase facility emit unacceptable levels of pollutants that threaten Brownsville and Rio Grande Valley residents' health and well-being. Water pollutants also damage the sensitive wetland, salt marsh, and mudflat ecosystems of South Bay, Lower Rio Grande Valley Wildlife Refuge, and Boca Chica Beach, home to numerous endangered and threatened species, especially migratory

birds. As a member of the surrounding community, I am directly impacted by SpaceX's wastewater pollution and activities. I request that TCEQ provide sufficient Spanish language interpretation and translation services at the hearing on October 17 to ensure that all participants' questions are answered. In addition, TCEQ and SpaceX staff must consult with the Carrizo/Comecrudo Tribe of Texas, the original Native people of this region, about this permit application and all SpaceX activities at the Boca Chica Beach site.

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Monday, October 21, 2024 9:42 AM
To: PUBCOMMENT-WQ; PUBCOMMENT-ELD; PUBCOMMENT-OCC2; PUBCOMMENT-OPIC
Subject: FW: Public comment on Permit Number WQ0005462000

From: Dulcemendoza687@gmail.com <Dulcemendoza687@gmail.com>
Sent: Wednesday, October 16, 2024 6:19 PM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER:

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: Dulce C Mendoza

EMAIL: Dulcemendoza687@gmail.com

COMPANY:

ADDRESS: 33252 MUNOZ AVE
SAN BENITO TX 78586-9133

PHONE: 9562026551

FAX:

COMMENTS: Our beaches will become even dirtier(there is tar spots on our sand RIGHT NOW, if you have visited put beach you will know exactly what I am talking about.) Our birds will have no safe homes. Our fishes and turtles will die. Our fisherman will have no more sustainable jobs. Our people will have no where to swim. This disgusting plan is a plan for irresponsible, irreversible environmental damage. Shame on you for wanting to kill our beach and allow a colonizer like Elon to destroy our beautiful South

Padre Island. I am opposed to the issuance of the following permits for SpaceX LLC: WQ0005462000 The SpaceX launch pad and Starbase facility emit unacceptable levels of pollutants that threaten Brownsville and Rio Grande Valley residents' health and well-being. Water pollutants also damage the sensitive wetland, salt marsh, and mudflat ecosystems of South Bay, Lower Rio Grande Valley Wildlife Refuge, and Boca Chica Beach, home to numerous endangered and threatened species, especially migratory birds. As a member of the surrounding community, I am directly impacted by SpaceX's wastewater pollution and activities. I request that TCEQ provide sufficient Spanish language interpretation and translation services at the hearing on October 17 to ensure that all participants' questions are answered. In addition, TCEQ and SpaceX staff must consult with the Carrizo/Comecrudo Tribe of Texas, the original Native people of this region, about this permit application and all SpaceX activities at the Boca Chica Beach site.

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Monday, October 21, 2024 9:42 AM
To: PUBCOMMENT-WQ; PUBCOMMENT-ELD; PUBCOMMENT-OCC2; PUBCOMMENT-OPIC
Subject: FW: Public comment on Permit Number WQ0005462000

From: Dulcemendoza687@gmail.com <Dulcemendoza687@gmail.com>
Sent: Wednesday, October 16, 2024 6:19 PM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER: 2024-1282-IWD-E

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: Dulce C Mendoza

EMAIL: Dulcemendoza687@gmail.com

COMPANY:

ADDRESS: 33252 MUNOZ AVE
SAN BENITO TX 78586-9133

PHONE: 9562026551

FAX:

COMMENTS: I am opposed to the issuance of the following permits for SpaceX LLC: WQ0005462000 The SpaceX launch pad and Starbase facility emit unacceptable levels of pollutants that threaten Brownsville and Rio Grande Valley residents' health and well-being. Water pollutants also damage the sensitive wetland, salt marsh, and mudflat ecosystems of South Bay, Lower Rio Grande Valley Wildlife Refuge, and Boca Chica Beach, home to numerous endangered and threatened species, especially migratory

birds. As a member of the surrounding community, I am directly impacted by SpaceX's wastewater pollution and activities. I request that TCEQ provide sufficient Spanish language interpretation and translation services at the hearing on October 17 to ensure that all participants' questions are answered. In addition, TCEQ and SpaceX staff must consult with the Carrizo/Comecrudo Tribe of Texas, the original Native people of this region, about this permit application and all SpaceX activities at the Boca Chica Beach site.

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Tuesday, October 15, 2024 4:59 PM
To: PUBCOMMENT-OCC2; PUBCOMMENT-OPIC; PUBCOMMENT-ELD; PUBCOMMENT-WQ
Subject: FW: Public comment on Permit Number WQ0005462000

Jesús Bárcena
Office of the Chief Clerk
Texas Commission on Environmental Quality
Office Phone: 512-239-3319

How is our customer service? Fill out our online customer satisfaction survey at:
www.tceq.texas.gov/customersurvey

From: bob@rgv.rr.com <bob@rgv.rr.com>
Sent: Tuesday, October 15, 2024 11:35 AM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER: 2024-1282-IWD-E

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: MR Robert E Middleton, JR

EMAIL: bob@rgv.rr.com

COMPANY:

ADDRESS: 30319 FM 1575
LOS FRESNOS TX 78566-7935

PHONE: 9562665312

FAX:



COMMENTS: This permit should be approved. Treated wastewater is almost drinking water. The bay is huge. It won't make a difference. Please allow Elon Musk to continue his testing and construction. The whole Rio Grande Valley will benefit.

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Monday, October 21, 2024 11:56 AM
To: PUBCOMMENT-WQ; PUBCOMMENT-ELD; PUBCOMMENT-OCC2; PUBCOMMENT-OPIC
Subject: FW: Public comment on Permit Number WQ0005462000

From: esidoniamitchell@gmail.com <esidoniamitchell@gmail.com>
Sent: Thursday, October 17, 2024 7:46 PM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER: 2024-1282-IWD-E

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: Erin S Mitchell

EMAIL: esidoniamitchell@gmail.com

COMPANY:

ADDRESS: 2101 W ANN ARBOR ST
HARLINGEN TX 78552-7467

PHONE: 9795758403

FAX:

COMMENTS: I oppose approval of this permit because I am concerned that no corporation should have the power to impact fragile ecosystems and affect migrating species such as the piping plover, monarch butterfly and many more.

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Monday, October 14, 2024 5:55 PM
To: PUBCOMMENT-OCC2; PUBCOMMENT-OPIC; PUBCOMMENT-ELD; PUBCOMMENT-WQ
Subject: FW: Public comment on Permit Number WQ0005462000

Jesús Bárcena
Office of the Chief Clerk
Texas Commission on Environmental Quality
Office Phone: 512-239-3319

How is our customer service? Fill out our online customer satisfaction survey at:
www.tceq.texas.gov/customersurvey

From: mohaneltsy@ymail.com <mohaneltsy@ymail.com>
Sent: Monday, October 14, 2024 11:58 AM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER: 2024-1282-IWD-E

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: Elsy Mohan

EMAIL: mohaneltsy@ymail.com

COMPANY:

ADDRESS: 4602 HUMMINGBIRD LN N
HARLINGEN TX 78552-2592

PHONE: 9567303842



FAX:

COMMENTS: I am opposed to the issuance of the following permits for Space Exploration Technologies Corp: WQ0005462000. This permit would directly impact my health and safety if the dumping of polluted wastewater is permitted. My family and I regularly perform recreational activities like swimming and fishing and come into direct contact with the body of water that SpaceX is proposing to dump in. I would be exposed to the pollutants through direct contact and consuming fish on Boca Chica beach. I am also concerned about the wildlife which is a protected area which would be harmed and ruined by dumping polluted water on to the site. I enjoy recreation and killing the wildlife would affect my well-being. I am also affected by climate change impacts that we are currently experiencing. The impacts include the unprecedented amount of hurricanes that have formed on the Texas Gulf coast which this region is highly at risk for. Conserving and preserving mudflat ecosystems and wetlands and crucial for mitigating flooding that we will experience from the on-going hurricane TCEQ must reject this permit because they are required to protect public health, safety, and the environment.

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Monday, October 14, 2024 9:06 AM
To: PUBCOMMENT-WQ; PUBCOMMENT-ELD; PUBCOMMENT-OCC2; PUBCOMMENT-OPIC
Subject: FW: Public comment on Permit Number WQ0005462000

Note, some comments below are in Spanish.

From: mk.karla@hotmail.com <mk.karla@hotmail.com>
Sent: Sunday, October 13, 2024 12:56 PM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER:

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: MS Karla Morales

EMAIL: mk.karla@hotmail.com

COMPANY:

ADDRESS: 2021 JACQUELYN DR 2
HOUSTON TX 77055-1754

PHONE: 8329221558

FAX:

COMMENTS: I am opposed to the issuance of the following permits for SpaceX LLC: WQ0005462000 The SpaceX launch pad and Starbase facility emit unacceptable levels of pollutants that threaten Brownsville and Rio Grande Valley residents' health and well-being. Water pollutants also damage the sensitive wetland, salt marsh, and mudflat ecosystems of South Bay, Lower Rio Grande Valley Wildlife Refuge, and Boca Chica Beach, home to numerous endangered and threatened species, especially migratory

birds. As a member of the surrounding community, I am directly impacted by SpaceX's wastewater pollution and activities. I request that TCEQ provide sufficient Spanish language interpretation and translation services at the hearing on October 17 to ensure that all participants' questions are answered. In addition, TCEQ and SpaceX staff must consult with the Carrizo/Comecrudo Tribe of Texas, the original Native people of this region, about this permit application and all SpaceX activities at the Boca Chica Beach site. Me opongo a la emisión de los siguientes permisos a favor de SpaceX LLC: WQ0005462000 La plataforma de lanzamiento de SpaceX y las instalaciones de Starbase emiten niveles inaceptables de contaminantes que amenazan la salud y el bienestar de los residentes de Brownsville y el Valle del Río Grande. Los contaminantes del agua también dañan los sensibles ecosistemas de humedales, pantanos salinos y marisma de South Bay, el Refugio de Vida Silvestre del Valle Bajo del Río Grande y la Playa de Boca Chica, hogar de numerosas especies amenazadas y en peligro de extinción, especialmente aves migratorias. Me afecta directamente la contaminación de las aguas residuales y las actividades de SpaceX. Solicito que TCEQ brinde además servicios de interpretación y traducción al idioma español en la audiencia del 17 de octubre. Además, el personal de TCEQ y SpaceX debe consultar con la Tribu Carrizo/Comecrudo de Texas, el pueblo nativo original de esta región, sobre esta solicitud de permiso y todas las actividades de SpaceX en el sitio de Boca Chica Beach.

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Monday, October 14, 2024 9:05 AM
To: PUBCOMMENT-WQ; PUBCOMMENT-ELD; PUBCOMMENT-OCC2; PUBCOMMENT-OPIC
Subject: FW: Public comment on Permit Number WQ0005462000

Associate to the permit item only. Also note that there are comments in Spanish.

From: mk.karla@hotmail.com <mk.karla@hotmail.com>
Sent: Sunday, October 13, 2024 12:59 PM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER: 2024-1282-IWD-E

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: MS Karla Morales

EMAIL: mk.karla@hotmail.com

COMPANY:

ADDRESS: 2021 JACQUELYN DR 2
HOUSTON TX 77055-1754

PHONE: 8329221558

FAX:

COMMENTS: I am opposed to the issuance of the following permits for SpaceX LLC: WQ0005462000 The SpaceX launch pad and Starbase facility emit unacceptable levels of pollutants that threaten Brownsville and Rio Grande Valley residents' health and well-being. Water pollutants also damage the sensitive wetland, salt marsh, and mudflat ecosystems of South Bay, Lower Rio Grande Valley Wildlife Refuge, and Boca Chica Beach, home to numerous endangered and threatened species, especially migratory

birds. As a member of the surrounding community, I am directly impacted by SpaceX's wastewater pollution and activities. I request that TCEQ provide sufficient Spanish language interpretation and translation services at the hearing on October 17 to ensure that all participants' questions are answered. In addition, TCEQ and SpaceX staff must consult with the Carrizo/Comecrudo Tribe of Texas, the original Native people of this region, about this permit application and all SpaceX activities at the Boca Chica Beach site. Me opongo a la emisión de los siguientes permisos a favor de SpaceX LLC: WQ0005462000 La plataforma de lanzamiento de SpaceX y las instalaciones de Starbase emiten niveles inaceptables de contaminantes que amenazan la salud y el bienestar de los residentes de Brownsville y el Valle del Río Grande. Los contaminantes del agua también dañan los sensibles ecosistemas de humedales, pantanos salinos y marisma de South Bay, el Refugio de Vida Silvestre del Valle Bajo del Río Grande y la Playa de Boca Chica, hogar de numerosas especies amenazadas y en peligro de extinción, especialmente aves migratorias. Me afecta directamente la contaminación de las aguas residuales y las actividades de SpaceX. Solicito que TCEQ brinde además servicios de interpretación y traducción al idioma español en la audiencia del 17 de octubre. Además, el personal de TCEQ y SpaceX debe consultar con la Tribu Carrizo/Comecrudo de Texas, el pueblo nativo original de esta región, sobre esta solicitud de permiso y todas las actividades de SpaceX en el sitio de Boca Chica Beach.

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Wednesday, October 16, 2024 2:49 PM
To: PUBCOMMENT-WQ; PUBCOMMENT-ELD; PUBCOMMENT-OCC2; PUBCOMMENT-OPIC
Subject: FW: Public comment on Permit Number WQ0005462000

From: jmja9281@yahoo.com <jmja9281@yahoo.com>
Sent: Tuesday, October 15, 2024 7:13 PM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER: 2024-1282-IWD-E

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: Jose Moreno

EMAIL: jmja9281@yahoo.com

COMPANY:

ADDRESS: 1533 RODRIGUEZ ST
HARLINGEN TX 78552-2562

PHONE: 9569700778

FAX:

COMMENTS: I am against polluting or beaches and ecosystem. I firmly oppose SpaceX to dump treated waste water into the South Bay of South Padre Island.

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Tuesday, October 15, 2024 5:05 PM
To: PUBCOMMENT-OCC2; PUBCOMMENT-OPIC; PUBCOMMENT-ELD; PUBCOMMENT-WQ
Subject: FW: Public comment on Permit Number WQ0005462000

Jesús Bárcena
Office of the Chief Clerk
Texas Commission on Environmental Quality
Office Phone: 512-239-3319

How is our customer service? Fill out our online customer satisfaction survey at:
www.tceq.texas.gov/customersurvey

From: 03jmoreno@gmail.com <03jmoreno@gmail.com>
Sent: Tuesday, October 15, 2024 4:43 PM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER: 2024-1282-IWD-E

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: MRS Judith Moreno

EMAIL: 03jmoreno@gmail.com

COMPANY:

ADDRESS: 1533 RODRIGUEZ ST
HARLINGEN TX 78552-2562

PHONE: 9566221883

FAX:

COMMENTS: I firmly oppose the disposal of wastewater in our SPI waters. SpaceX is damaging our beach and infrastructures.

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Tuesday, October 15, 2024 3:05 PM
To: PUBCOMMENT-WQ; PUBCOMMENT-ELD; PUBCOMMENT-OCC2; PUBCOMMENT-OPIC
Subject: FW: Public comment on Permit Number WQ0005462000

From: Marbys44@gmail.com <Marbys44@gmail.com>
Sent: Tuesday, October 15, 2024 12:04 AM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER: 2024-1282-IWD-E

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: MRS Marbelia Moreno-Sweeney

EMAIL: Marbys44@gmail.com

COMPANY:

ADDRESS: 305 STILLWELL BEND RD
BROWNSVILLE TX 78520-7768

PHONE: 9563468854

FAX:

COMMENTS: I am a Brownsville native having lived 50 years of my life here. I'm a Hispanic female with deep roots in this delta I call home. I am very concerned about the harmful ecological and public health ramifications SpaceX is causing and will cause in the future. First of all, the wildlife that will be impacted by the discharge of wastewater into their habitat is of grave concern to me and our ecosystem. Boca Chica Beach is home to a wide variety of shore birds, mammals, reptiles, plants, seaweed, seaplants,

and a myriad of other microorganisms that will be adversely affected by this discharge. These creatures and plants cannot defend themselves so it's up to us to protect their habitat. I feel that more studies need to be done to see how these animals and plant life are being affected. Our largely Hispanic community is low income and very poorly educated. We have very poor health and have the largest incidences of diabetes, fatty liver, and cancer, and mental health issues in the entire nation. Pollutants in the air and water are exacerbating the problem for our population. My husband and I have been bringing our youth group and students from our respective schools to the twice yearly beach cleanups for over 30 years and we have seen more dead marine life and harmful/hazardous debris since SpaceX has been in existence. We want a pristine and healthy environment for our future grandchildren and future generations to enjoy and benefit from it. Thank you. Sincerely, Marbelia Moreno-Sweeney

RECEIVED

OCT 17 2024

AT PUBLIC MEETING

Comentario público:

Corporación de Tecnologías de Exploración Espacial.

Intención de obtener un permiso de calidad del agua y

Aviso de Solicitud y Decisión Preliminar para el Permiso TPDES para Aguas Residuales Industriales

Permiso No. WQ0005462000

NAME/NOMBRE: LUIS MUNIZ
ADDRESS/DIRECCIÓN: 97105 Boca Palms
PHONE NUMBER/TELÉFONO*: 950 340 2983
EMAIL/CORREO ELECTRONICO*: LUISMUNIZ-17C@yahoo.com
AGE/EDAD*: 32 RACE/RAZA*: Hispanic
*Opcional

Comentario público:

I am opposed to the issuance of the following permits for SpaceX LLC: WQ0005462000

The SpaceX launch pad and Starbase facility emit unacceptable levels of pollutants that threaten Brownsville and Rio Grande Valley residents' health and well-being. Water pollutants also damage the sensitive wetland, salt marsh, and mudflat ecosystems of South Bay, Lower Rio Grande Valley Wildlife Refuge, and Boca Chica Beach, home to numerous endangered and threatened species, especially migratory birds. As a member of the surrounding community, I am directly impacted by SpaceX's wastewater pollution and activities. I request that TCEQ provide sufficient Spanish language interpretation and translation services at the hearing on October 17 to ensure that all participants' questions are answered. In addition, TCEQ and SpaceX staff must consult with the Carrizo/Comecrudo Tribe of Texas, the original Native people of this region, about this permit application and all SpaceX activities at the Boca Chica Beach site.

Me opongo a la emisión de los siguientes permisos a favor de SpaceX LLC: WQ0005462000

La plataforma de lanzamiento de SpaceX y las instalaciones de Starbase emiten niveles inaceptables de contaminantes que amenazan la salud y el bienestar de los residentes de Brownsville y el Valle del Río Grande. Los contaminantes del agua también dañan los sensibles ecosistemas de humedales, pantanos salinos y marisma de South Bay, el Refugio de Vida Silvestre del Valle Bajo del Río Grande y la Playa de Boca Chica, hogar de numerosas especies amenazadas y en peligro de extinción, especialmente aves migratorias. Me afecta directamente la contaminación de las aguas residuales y las actividades de SpaceX. Solicito que TCEQ brinde además servicios de interpretación y traducción al idioma español en la audiencia del 17 de octubre. Además, el personal de TCEQ y SpaceX debe consultar con la Tribu Carrizo/Comecrudo de Texas, el pueblo nativo original de esta región, sobre esta solicitud de permiso y todas las actividades de SpaceX en el sitio de Boca Chica Beach.

Additional Comments/Comentarios Adicionales:

Signature/Firma: _____

Fecha: _____

Additional Comments/Comentarios Adicionales:

RECEIVED

OCT 17 2024

AT PUBLIC MEETING

Comentario público:

Corporación de Tecnologías de Exploración Espacial.

Intención de obtener un permiso de calidad del agua y

Aviso de Solicitud y Decisión Preliminar para el Permiso TPDES para Aguas Residuales Industriales

Permiso No. WQ0005462000

NAME/NOMBRE: Silva Muniz

ADDRESS/DIRECCIÓN: 9205 Tierra P

PHONE NUMBER/TELÉFONO*: 957-244-0881

EMAIL/CORREO ELECTRÓNICO*: smuniz3@gmail.com

AGE/EDAD*: 35

RACE/RAZA * Hispanic

*Opcional

Comentario público:


I am opposed to the issuance of the following permits for SpaceX LLC: WQ0005462000

The SpaceX launch pad and Starbase facility emit unacceptable levels of pollutants that threaten Brownsville and Rio Grande Valley residents' health and well-being. Water pollutants also damage the sensitive wetland, salt marsh, and mudflat ecosystems of South Bay, Lower Rio Grande Valley Wildlife Refuge, and Boca Chica Beach, home to numerous endangered and threatened species, especially migratory birds. As a member of the surrounding community, I am directly impacted by SpaceX's wastewater pollution and activities. I request that TCEQ provide sufficient Spanish language interpretation and translation services at the hearing on October 17 to ensure that all participants' questions are answered. In addition, TCEQ and SpaceX staff must consult with the Carrizo/Comecrudo Tribe of Texas, the original Native people of this region, about this permit application and all SpaceX activities at the Boca Chica Beach site.

Me opongo a la emisión de los siguientes permisos a favor de SpaceX LLC: WQ0005462000

La plataforma de lanzamiento de SpaceX y las instalaciones de Starbase emiten niveles inaceptables de contaminantes que amenazan la salud y el bienestar de los residentes de Brownsville y el Valle del Río Grande. Los contaminantes del agua también dañan los sensibles ecosistemas de humedales, pantanos salinos y marisma de South Bay, el Refugio de Vida Silvestre del Valle Bajo del Río Grande y la Playa de Boca Chica, hogar de numerosas especies amenazadas y en peligro de extinción, especialmente aves migratorias. Me afecta directamente la contaminación de las aguas residuales y las actividades de SpaceX. Solicito que TCEQ brinde además servicios de interpretación y traducción al idioma español en la audiencia del 17 de octubre. Además, el personal de TCEQ y SpaceX debe consultar con la Tribu Carrizo/Comecrudo de Texas, el pueblo nativo original de esta región, sobre esta solicitud de permiso y todas las actividades de SpaceX en el sitio de Boca Chica Beach.

Additional Comments/Comentarios Adicionales:



Additional Comments/Comentarios Adicionales:

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Monday, October 21, 2024 9:58 AM
To: PUBCOMMENT-WQ; PUBCOMMENT-ELD; PUBCOMMENT-OCC2; PUBCOMMENT-OPIC
Subject: FW: Public comment on Permit Number WQ0005462000

From: heavennavarro1003@gmail.com <heavennavarro1003@gmail.com>
Sent: Thursday, October 17, 2024 12:05 AM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER:

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: MS Heaven Navarro

EMAIL: heavennavarro1003@gmail.com

COMPANY:

ADDRESS: 814 E ROBIN AVE
HARLINGEN TX 78550-4305

PHONE: 9567789230

FAX:

COMMENTS: I am opposed to the issuance of the following permits for SpaceX LLC: WQ0005462000 The SpaceX launch pad and Starbase facility emit unacceptable levels of pollutants that threaten Brownsville and Rio Grande Valley residents' health and well-being. Water pollutants also damage the sensitive wetland, salt marsh, and mudflat ecosystems of South Bay, Lower Rio Grande Valley Wildlife Refuge, and Boca Chica Beach, home to numerous endangered and threatened species, especially migratory

birds. As a member of the surrounding community, I am directly impacted by SpaceX's wastewater pollution and activities. I request that TCEQ provide sufficient Spanish language interpretation and translation services at the hearing on October 17 to ensure that all participants' questions are answered. In addition, TCEQ and SpaceX staff must consult with the Carrizo/Comecrudo Tribe of Texas, the original Native people of this region, about this permit application and all SpaceX activities at the Boca Chica Beach site.

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Tuesday, October 15, 2024 5:05 PM
To: PUBCOMMENT-OCC2; PUBCOMMENT-OPIC; PUBCOMMENT-ELD; PUBCOMMENT-WQ
Subject: FW: Public comment on Permit Number WQ0005462000

Jesús Bárcena
Office of the Chief Clerk
Texas Commission on Environmental Quality
Office Phone: 512-239-3319

How is our customer service? Fill out our online customer satisfaction survey at:
www.tceq.texas.gov/customersurvey

From: Jam.guerrero956@gmail.com <Jam.guerrero956@gmail.com>
Sent: Tuesday, October 15, 2024 4:39 PM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER:

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: Celeste Novachrono

EMAIL: Jam.guerrero956@gmail.com

COMPANY:

ADDRESS: 10815 VALDEZ RD
MONTE ALTO TX 78538-3117

PHONE: 9565930396

FAX:

COMMENTS: We don't want anymore pollution!!!

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Tuesday, October 15, 2024 5:05 PM
To: PUBCOMMENT-OCC2; PUBCOMMENT-OPIC; PUBCOMMENT-ELD; PUBCOMMENT-WQ
Subject: FW: Public comment on Permit Number WQ0005462000

Jesús Bárcena
Office of the Chief Clerk
Texas Commission on Environmental Quality
Office Phone: 512-239-3319

How is our customer service? Fill out our online customer satisfaction survey at:
www.tceq.texas.gov/customersurvey

From: Jam.guerrero956@gmail.com <Jam.guerrero956@gmail.com>
Sent: Tuesday, October 15, 2024 4:41 PM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER: 2024-1282-IWD-E

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: Celeste Novachrono

EMAIL: Jam.guerrero956@gmail.com

COMPANY:

ADDRESS: 10815 VALDEZ RD
MONTE ALTO TX 78538-3117

PHONE: 9565930396

FAX:

COMMENTS: No more pollution!!!!

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Tuesday, October 15, 2024 5:04 PM
To: PUBCOMMENT-OCC2; PUBCOMMENT-OPIC; PUBCOMMENT-ELD; PUBCOMMENT-WQ
Subject: FW: Public comment on Permit Number WQ0005462000

Jesús Bárcena
Office of the Chief Clerk
Texas Commission on Environmental Quality
Office Phone: 512-239-3319

How is our customer service? Fill out our online customer satisfaction survey at:
www.tceq.texas.gov/customersurvey

From: uabko1@gmail.com <uabko1@gmail.com>
Sent: Tuesday, October 15, 2024 3:56 PM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER: 2024-1282-IWD-E

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: DR. Kevin Osborne

EMAIL: uabko1@gmail.com

COMPANY: Valley dental

ADDRESS: 2334 BOCA CHICA BLVD
BROWNSVILLE TX 78521-2230

PHONE: 5099872267

FAX:

COMMENTS: I fish in this bay over 100 days a year. Please protect it from treated waste water. As an alternate plan they could pipe it two miles down the road to the gulf of Mexico where it would be diluted and dispersed much more efficiently. The solution to pollution is dilution. South Bay has a small opening on the Brownsville ship channel that doesn't allow for adequate influx of water to effectively dilute treated sewage. Another alternative would be to build a secondary SpaceX ship channel that would allow for better dilution. This would also give apacex it's own port right at the build site.

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Tuesday, October 15, 2024 5:00 PM
To: PUBCOMMENT-OCC2; PUBCOMMENT-OPIC; PUBCOMMENT-ELD; PUBCOMMENT-WQ
Subject: FW: Public comment on Permit Number WQ0005462000

Jesús Bárcena
Office of the Chief Clerk
Texas Commission on Environmental Quality
Office Phone: 512-239-3319

How is our customer service? Fill out our online customer satisfaction survey at:
www.tceq.texas.gov/customersurvey

From: htoverstreet@yahoo.com <htoverstreet@yahoo.com>
Sent: Tuesday, October 15, 2024 12:17 PM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER: 2024-1282-IWD-E

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: Terri Overstreet

EMAIL: htoverstreet@yahoo.com

COMPANY:

ADDRESS: 36747 MARSHALL HUTTS RD
RIO HONDO TX 78583-3468

PHONE: 6362344945

FAX:

COMMENTS: Please deny Space X the ability to dump "treated" waste water into our bay. Absolutely unacceptable.

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Monday, October 21, 2024 1:16 PM
To: PUBCOMMENT-WQ; PUBCOMMENT-ELD; PUBCOMMENT-OCC2; PUBCOMMENT-OPIC
Subject: FW: Public comment on Permit Number WQ0005462000

From: deniscepalacios19@gmail.com <deniscepalacios19@gmail.com>
Sent: Thursday, October 17, 2024 8:51 PM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER: 2024-1282-IWD-E

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: Denisce Palacios

EMAIL: deniscepalacios19@gmail.com

COMPANY:

ADDRESS: 4105 OLD HIGHWAY 77 Apt A
BROWNSVILLE TX 78520-9864

PHONE: 9564544153

FAX:

COMMENTS: I am opposed to the permit. Someday I would like to have a family. I want my kids to be able to play on the beach without having to worry about them being exposed to toxins after years of waste disposal. We deserve healthy communities!

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Wednesday, October 16, 2024 5:26 PM
To: PUBCOMMENT-OCC2; PUBCOMMENT-OPIC; PUBCOMMENT-ELD; PUBCOMMENT-WQ
Subject: FW: Public comment on Permit Number WQ0005462000

Jesús Bárcena
Office of the Chief Clerk
Texas Commission on Environmental Quality
Office Phone: 512-239-3319

How is our customer service? Fill out our online customer satisfaction survey at:
www.tceq.texas.gov/customersurvey

From: RicardoParra0100@gmail.com <RicardoParra0100@gmail.com>
Sent: Wednesday, October 16, 2024 2:35 PM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER:

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: Ricardo Parra

EMAIL: RicardoParra0100@gmail.com

COMPANY:

ADDRESS: 104 HIBISCUS CT
BROWNSVILLE TX 78520-8023

PHONE: 9568324825

FAX:

COMMENTS: Please deny TCEQ permit numbered WQ0005462000. SpaceX is destroying pristine habitats, including Boca Chica Beach State Park, the Lower Rio Grande Valley Wildlife Refuge, and the Laguna Atascosa Wildlife Refuge. SpaceX has repeatedly burned down acres of the protected Lower Rio Grande Valley Wildlife Refuge, home to endangered species such as the ocelot and threatened migratory birds like the piping plover. Most recently, SpaceX burned down over 60 acres of the wildlife refuge. Less than 3% of our wildlife habitat remains in the Rio Grande Valley, and the growth and operations of SpaceX threaten what we have left.

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Wednesday, October 16, 2024 5:26 PM
To: PUBCOMMENT-OCC2; PUBCOMMENT-OPIC; PUBCOMMENT-ELD; PUBCOMMENT-WQ
Subject: FW: Public comment on Permit Number WQ0005462000

Jesús Bárcena
Office of the Chief Clerk
Texas Commission on Environmental Quality
Office Phone: 512-239-3319

How is our customer service? Fill out our online customer satisfaction survey at:
www.tceq.texas.gov/customersurvey

From: RicardoParra0100@gmail.com <RicardoParra0100@gmail.com>
Sent: Wednesday, October 16, 2024 2:36 PM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER: 2024-1282-IWD-E

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: Ricardo Parra

EMAIL: RicardoParra0100@gmail.com

COMPANY:

ADDRESS: 104 HIBISCUS CT
BROWNSVILLE TX 78520-8023

PHONE: 9568324825

FAX:

COMMENTS: I am opposed to the issuance of the following permits for SpaceX LLC: WQ0005462000 The SpaceX launch pad and Starbase facility emit unacceptable levels of pollutants that threaten Brownsville and Rio Grande Valley residents' health and well-being. Water pollutants also damage the sensitive wetland, salt marsh, and mudflat ecosystems of South Bay, Lower Rio Grande Valley Wildlife Refuge, and Boca Chica Beach, home to numerous endangered and threatened species, especially migratory birds. As a member of the surrounding community, I am directly impacted by SpaceX's wastewater pollution and activities. I request that TCEQ provide sufficient Spanish language interpretation and translation services at the hearing on October 17 to ensure that all participants' questions are answered. In addition, TCEQ and SpaceX staff must consult with the Carrizo/Comecrudo Tribe of Texas, the original Native people of this region, about this permit application and all SpaceX activities at the Boca Chica Beach site.

24

TCEQ Registration Form

October 17, 2024

Space Exploration Technologies Corp.
Proposed TPDES Permit No. WQ0005462000

PLEASE PRINT

Name: Julie Pedraza

Mailing Address: 6560 Tradition Cir

Physical Address (if different): —

City/State: Brownsville, TX Zip: 78526

This information is subject to public disclosure under the Texas Public Information Act

Email: julie-pedraza@hotmail.com

Phone Number: (956) 455-1395

- Are you here today representing a municipality, legislator, agency, or group? ☐ Yes ☒ No

If yes, which one? _____

☒ Please add me to the mailing list.

☒ I wish to provide formal *ORAL COMMENTS* at tonight's public meeting.

☒ I wish to provide formal *WRITTEN COMMENTS* at tonight's public meeting.

(Written comments may be submitted at any time during the meeting)

Please give this form to the person at the information table. Thank you.

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Tuesday, October 15, 2024 5:01 PM
To: PUBCOMMENT-OCC2; PUBCOMMENT-OPIC; PUBCOMMENT-ELD; PUBCOMMENT-WQ
Subject: FW: Public comment on Permit Number WQ0005462000

Jesús Bárcena
Office of the Chief Clerk
Texas Commission on Environmental Quality
Office Phone: 512-239-3319

How is our customer service? Fill out our online customer satisfaction survey at:
www.tceq.texas.gov/customersurvey

From: April.perez@usoncology.com <April.perez@usoncology.com>
Sent: Tuesday, October 15, 2024 2:33 PM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER: 2024-1282-IWD-E

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: April Perez

EMAIL: April.perez@usoncology.com

COMPANY: Txo

ADDRESS: 3364 E 23RD ST
BROWNSVILLE TX 78521-3931

PHONE: 9566211275

FAX:

COMMENTS: Do not spill "treated" waste water into our beach !!

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Thursday, September 19, 2024 1:30 PM
To: PUBCOMMENT-WQ; PUBCOMMENT-ELD; PUBCOMMENT-OCC2; PUBCOMMENT-OPIC
Subject: FW: Space X Comments for CID
Attachments: FWS_Chris Perez.pdf

Associate to both WQ0016342001 and WQ0005462000

From: Dania Grundmann <danial.gundmann@tceq.texas.gov>
Sent: Wednesday, September 18, 2024 5:17 PM
To: Brad Patterson <Brad.Patterson@tceq.texas.gov>
Subject: Space X Comments for CID

Brad,

Can OCC enter this public comment from Mr. Chris Perez for pending permit actions listed below? It is not clear what Starbase application Mr. Perez was referring to so we suggest both pending actions.

WQ0016342001
WQ0005462000

Thank you,

Dania Grundmann, Special Assistant
Water Quality Division
Texas Commission on Environmental Quality
12100 Park 35 Circle, Bldg. F | Austin, Texas 78753 | Mail: MC-155, P.O. Box 13087, Austin TX 78711-3087
Phone: (512) 239-3449 | ✉: danial.gundmann@tceq.texas.gov

From: Robert Sadlier
Sent: Tuesday, July 16, 2024 11:45 AM
To: Perez, Chris <chris_perez@fws.gov>
Cc: Monica Galvan <Monica.Galvan@tceq.texas.gov>; Esmeralda Rodriguez <Esmeralda.Rodriguez@tceq.texas.gov>; DeLaGarza, Imer <Imer_DeLaGarza@fws.gov>; Bilodeau, Stephanie A <stephanie_bilodeau@fws.gov>; Orms, Mary <mary_orms@fws.gov>; Jonathan Diaz <Jonathan.Diaz@tceq.texas.gov>; Matthew Udenenwu <Matthew.Udenenwu@tceq.texas.gov>
Subject: RE: [EXTERNAL] SpaceX TPWD contact info

Mr. Perez,

We've received your comments. They will be shared with TCEQ's Office of the Chief Clerk, logged as comments on the application, and considered along with other comments received.

I've copied Matthew Udenenwu, Section Manager, Wastewater Permitting on this email, in case you have additional questions or concerns.

Thanks,

Robert Sadlier

From: Perez, Chris <chris_perez@fws.gov>
Sent: Tuesday, July 16, 2024 10:09 AM
To: Robert Sadlier <Robert.Sadlier@tceq.texas.gov>
Cc: Monica Galvan <monica.galvan@tceq.texas.gov>; Esmeralda Rodriguez <Esmeralda.Rodriguez@tceq.texas.gov>; DeLaGarza, Imer <Imer_DeLaGarza@fws.gov>; Bilodeau, Stephanie A <stephanie_bilodeau@fws.gov>; Orms, Mary <mary_orms@fws.gov>; Jonathan Diaz <jonathan.diaz@tceq.texas.gov>
Subject: Re: [EXTERNAL] SpaceX TPWD contact info

Good morning Mr. Sadlier:

We're just following up on the communication below and were checking to see on a TCEQ response regarding our concerns from the proposed discharge permit for the Starbase WWTP and potential effects to the Lower Rio Grande Valley NWR.

Let me know, thanks!

From: Perez, Chris <chris_perez@fws.gov>
Sent: Tuesday, June 18, 2024 1:32 PM
To: Jonathan Diaz <jonathan.diaz@tceq.texas.gov>
Cc: Monica Galvan <monica.galvan@tceq.texas.gov>; Esmeralda Rodriguez <Esmeralda.Rodriguez@tceq.texas.gov>; DeLaGarza, Imer <Imer_DeLaGarza@fws.gov>; Bilodeau, Stephanie A <stephanie_bilodeau@fws.gov>; Orms, Mary <mary_orms@fws.gov>
Subject: Re: [EXTERNAL] SpaceX TPWD contact info

Hi Jonathan:

Ok, so Reagan's contact info is:

Reagan Faught

reagan.faught@tpwd.texas.gov

Work Cell 361.413.8928

Mailing Address:

Texas Parks and Wildlife Dept.

715 S. Hwy. 35, Rockport, TX 78382

We are concerned that SpaceX's effluent, if directly discharged into South Bay, would also occur on the Lower Rio Grande Valley National Wildlife Refuge and within the designated critical habitat for the federally-threatened piping plover. We wanted to know if TCEQ could authorize any wastewater treatment facility to discharge directly into a national wildlife refuge without agency input. To permit such without authorization would appear to be in conflict with our regulations at 50 CFR Part 27.94 (attached). SpaceX just today mentioned constructing an intermediate wetland on their property to receive treated waters associated with their WWTP but so far, we've not seen these plans.

Let me know if you need anything else.

Vincent Redondo

From: PUBCOMMENT-OCC
Sent: Wednesday, October 30, 2024 11:19 AM
To: PUBCOMMENT-OCC2; PUBCOMMENT-OPIC; PUBCOMMENT-ELD; PUBCOMMENT-WQ0005462000
Subject: FW: Public comment on Permit Number WQ0005462000

Jesús Bárcena
Office of the Chief Clerk
Texas Commission on Environmental Quality
Office Phone: 512-239-3319

How is our customer service? Fill out our online customer satisfaction survey at:
www.tceq.texas.gov/customersurvey

From: Leo619perez@gmail.com <Leo619perez@gmail.com>
Sent: Monday, October 28, 2024 11:04 PM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER: 2024-1282-IWD-E

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: Leonardo Saul Perez

EMAIL: Leo619perez@gmail.com

COMPANY:

ADDRESS: 2695 POMPEII ST
BROWNSVILLE TX 78520-3768

PHONE: 9564046665

FAX:

COMMENTS: I am opposed to the issuance of the following permits for SpaceX LLC: WQ0005462000 The SpaceX launch pad and Starbase facility emit unacceptable levels of pollutants that threaten Brownsville and Rio Grande Valley residents' health and well-being. Water pollutants also damage the sensitive wetland, salt marsh, and mudflat ecosystems of South Bay, Lower Rio Grande Valley Wildlife Refuge, and Boca Chica Beach, home to numerous endangered and threatened species, especially migratory birds. As a member of the surrounding community, I am directly impacted by SpaceX's wastewater pollution and activities. I request that TCEQ provide sufficient Spanish language interpretation and translation services at the hearing on October 17 to ensure that all participants' questions are answered. In addition, TCEQ and SpaceX staff must consult with the Carrizo/Comecrudo Tribe of Texas, the original Native people of this region, about this permit application and all SpaceX activities at the Boca Chica Beach site. I also frequent this beach with family and this could impact the health of many.

Vincent Redondo

From: PUBCOMMENT-OCC
Sent: Wednesday, October 30, 2024 11:19 AM
To: PUBCOMMENT-OCC2; PUBCOMMENT-OPIC; PUBCOMMENT-ELD; PUBCOMMENT-WQ
Subject: FW: Public comment on Permit Number WQ0005462000

Jesús Bárcena
Office of the Chief Clerk
Texas Commission on Environmental Quality
Office Phone: 512-239-3319

How is our customer service? Fill out our online customer satisfaction survey at:
www.tceq.texas.gov/customersurvey

From: Leo619perez@gmail.com <Leo619perez@gmail.com>
Sent: Monday, October 28, 2024 11:00 PM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER:

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: Leonardo Saul Perez

EMAIL: Leo619perez@gmail.com

COMPANY:

ADDRESS: 2695 POMPEII ST
BROWNSVILLE TX 78520-3768

PHONE: 9564046665

FAX:

COMMENTS: I am opposed to the issuance of the following permits for SpaceX LLC: WQ0005462000 The SpaceX launch pad and Starbase facility emit unacceptable levels of pollutants that threaten Brownsville and Rio Grande Valley residents' health and well-being. Water pollutants also damage the sensitive wetland, salt marsh, and mudflat ecosystems of South Bay, Lower Rio Grande Valley Wildlife Refuge, and Boca Chica Beach. These are beaches my family and I frequent and could greatly impact our health.

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Monday, July 29, 2024 3:35 PM
To: PUBCOMMENT-OCC2; PUBCOMMENT-OPIC; PUBCOMMENT-ELD; PUBCOMMENT-WQ
Subject: FW: Public comment on Permit Number WQ0005462000

PM

Jesús Bárcena
Office of the Chief Clerk
Texas Commission on Environmental Quality
Office Phone: 512-239-3319

How is our customer service? Fill out our online customer satisfaction survey at:
www.tceq.texas.gov/customersurvey

From: mickey5053@yahoo.com <mickey5053@yahoo.com>
Sent: Sunday, July 28, 2024 9:15 PM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER:

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: Michelle Piette

EMAIL: mickey5053@yahoo.com

COMPANY:

ADDRESS: 1834 N SHORE DR
PORT ISABEL TX 78578-4621

PHONE: 3193219952

FAX:

COMMENTS: I am requesting that TCEQ hold a public meeting in Cameron County to address the issue of SpaceX's application for a Water Quality permit # WQ0005462000, to discharge deluge water into the area near the launch pad. SpaceX operations continue to change in ways that are unregulated with no regard for the surrounding sensitive ecosystem. The application as written lacks very important information regarding the design of the containment ponds and actual quantities and qualities of the industrial wastewater discharges over time. A public meeting, where the true scope of the operation can be explained, is required so that impacts on local populations, ecosystem, and wildlife, can be shared and understood. Thank you for your consideration.

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Thursday, August 1, 2024 1:19 PM
To: PUBCOMMENT-OCC2; PUBCOMMENT-OPIC; PUBCOMMENT-ELD; PUBCOMMENT-WQ
Subject: FW: Public comment on Permit Number WQ0005462000

Jesús Bárcena
Office of the Chief Clerk
Texas Commission on Environmental Quality
Office Phone: 512-239-3319

How is our customer service? Fill out our online customer satisfaction survey at:
www.tceq.texas.gov/customersurvey

From: stanmanusa@gmail.com <stanmanusa@gmail.com>
Sent: Wednesday, July 31, 2024 1:10 PM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER:

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: Stanley Pully

EMAIL: stanmanusa@gmail.com

COMPANY:

ADDRESS: 3910 CEDARBRUSH DR
DALLAS TX 75229-2703

PHONE: 9729653402

FAX:

COMMENTS: I am very concern on any activity/application concerning Space-X. I am a active in sport fishing and outdoors in Port Isabel/Boca Chica area. Environment has to be priority #1 . Protect the Outdoor/tourism for this amazing area. Stanley C. Pully

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Tuesday, October 8, 2024 1:07 PM
To: PUBCOMMENT-WQ; PUBCOMMENT-ELD; PUBCOMMENT-OCC2; PUBCOMMENT-OPIC
Subject: FW: Public comment on Permit Number WQ0005462000

From: kpurvis@sbcglobal.net <kpurvis@sbcglobal.net>
Sent: Friday, October 4, 2024 4:27 PM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER: 2024-1282-IWD-E

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: DR. Kenneth W Purvis

EMAIL: kpurvis@sbcglobal.net

COMPANY: Kenneth W Purvis M.D.

ADDRESS: 18 KNIGHTON DR kpurvis@sbcglobal.net
BELLA VISTA AR 72715-5328

PHONE: 8708202360

FAX:

COMMENTS: My purpose is to comment on the SpaceX application for a waste water permit at the Boca Chica launch site. My Grandfather was Perry Purvis, married to Fanni Foster. She descended from one of the Foster Brothers, part of the original Texas 300. They gave the land for the Sugarland Foster High School. I was raised to appreciate nature and the creatures that resided in Texas. My grandfather and grandmother taught me to respect creatures great and small. Remember the horned toad? They used to

be everywhere. We could catch them and sell them to folks for anatomy labs. That was not allowed by my family. They had purpose. I paid attention. The horned toad is rare now. I grew up, went to Tarleton in Stephenville, Med school at Galveston and practiced in Texas for years. I always loved the space program. I missed the application date for the shuttle program by one year. I admired Elon Musk, SpaceX and the possibilities of the Starship. I went to Boca Chica to take a look and stay long enough to see the first launch. As it launched we saw the dirt rise, I photographed a massive cloud as the massive rocket climbed into the sky. It struggled as we saw explosions and I warned the mother with a small child on the beach at South padre to protect her child if there was an auto destruct. We heard that there was a water deluge system built but not installed. Elon purposefully launched on 4/20 because of marijuana. He wanted to be cute. He was reckless. He thought the pad would hold. It did not. Turns out after clearing the pad and impact of debris on the rocket it was out of control for the rest of the flight. The flight termination system did not work and had it veered off course to our location in South padre we would have been dead. It was three days before we were allowed into the launch site again. I was one of the first. I collected pieces of the launch pad from the sand dunes and beach. I rescued an injured bird from the beach. The Royal Tern had a wing broken in three places. It was surrounded by concrete debris. I took it to the zoo in Brownsville. I was amazed at the damage I witnessed. Concrete everywhere. Burned grass and rebar on the beach. The bird was taken in by the zoo but they refused to give me any information later. A reporter was able to find it was killed and deemed not injured by the launch. I visited with a local rescue vet later and was told that SpaceX went to great lengths to cover up animal deaths during its mishaps. It was Interesting that the zoo was a monetary beneficiary of a huge donation by spacex to Cameron County. The damage from the launch was apocalyptic. I have photo documentation and participated in a study of the Event. The forces at work were incredible. The damage to the environment and animals impressed me but more importantly were the risks to the area with the launch of the world's largest rocket with a potential explosive force of an atomic bomb. Musk took a lot of chances to launch and we are very lucky there was not a catastrophe. I now see the safety culture and concern for environmental damage for SpaceX as totally insufficient. I now hear that they did not properly provide for recovery of the wastewater like every other launch facility in the United States does. The Spacex position that the water is drinking water being discharged into a marsh environment is laughable. It will certainly contain chlorine and metals from the blast of the engines. I hear 12 nests of endangered birds were cooked with the last launch. Musk apparently said he would do penance and not eat omelettes for a week. If I had showed that level of disrespect for the animals in Cross Plains my grandmother would have felt herself a failure. If I had ignored the bird on the beach my mother would have turned in her grave. If the starship explodes on the pad or close to lift off with an explosive force of the Hiroshima bomb what will happen to South Padre? What will be the effect on the causeway? What happens to the migratory birds and waters of the sanctuary? SpaceX wants a 24 launch cadence for this launch site. In my opinion this operation needs to be placed somewhere else. This site was meant to be a test site. They want to make it a production site. They need to step back, consider the area, and be stewards of the Environment they so loudly proclaim to protect. I encourage the Board to fully consider the ramifications of the effect of this wastewater. It is hard to imagine that it does not need to be collected and refined. SpaceX is building a huge production facility and the 24 launch cadence a year will create a significant impact on the environment. I think a full Environmental Impact Statement is needed. The Birds and inhabitants of the refuge do not have a voice except through you. Thank you: Kenneth W Purvis M.D.

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Tuesday, October 15, 2024 5:01 PM
To: PUBCOMMENT-OCC2; PUBCOMMENT-OPIC; PUBCOMMENT-ELD; PUBCOMMENT-WQ
Subject: FW: Public comment on Permit Number WQ0005462000

Jesús Bárcena
Office of the Chief Clerk
Texas Commission on Environmental Quality
Office Phone: 512-239-3319

How is our customer service? Fill out our online customer satisfaction survey at:
www.tceq.texas.gov/customersurvey

From: Maycisns@gmail.com <Maycisns@gmail.com>
Sent: Tuesday, October 15, 2024 12:45 PM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER: 2024-1282-IWD-E

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: Mayci Quesada

EMAIL: Maycisns@gmail.com

COMPANY:

ADDRESS: 1005 W 7TH ST
WESLACO TX 78596-6703

PHONE: 9563519030

FAX:

COMMENTS: No. South Bay is not a dumping site. Anywhere in south padre isn't a dumping site. Especially where fisherman fish. People do not need the stress of wondering if the fish they are catching is safe. Having SpaceX in boca chica is already ruining the experience of going to the island. Yes, it's a cool sight to see but in the long run it could hurt the ecosystems that reside there, not to mention the migrating species that cross the area. It could even ruin the area as a whole. Dr. Hudson is very passionate at what he does and very knowledgeable. Listen to those study environmental impacts. Musk or SpaceX only do things that benefit themselves and do not worry about the potential damage it may bring to the local area. So no, do not allow SpaceX to make a dumpsite of south bay.

43

TCEQ Registration Form

October 17, 2024

Space Exploration Technologies Corp.

Proposed TPDES Permit No. WQ0005462000

PLEASE PRINT

Name: Coyote Quintero

Mailing Address: 4401 N 6th st Apt 305

Physical Address (if different): _____

City/State: McAllen Zip: TX 78504

This information is subject to public disclosure under the Texas Public Information Act

Email: Kaita Quintero@gmail.com

Phone Number: (456) 315 7814

- Are you here today representing a municipality, legislator, agency, or group?

☐ Yes

☒ No

If yes, which one? _____

☐ Please add me to the mailing list.

☒ I wish to provide formal *ORAL COMMENTS* at tonight's public meeting.

☐ I wish to provide formal *WRITTEN COMMENTS* at tonight's public meeting.

(Written comments may be submitted at any time during the meeting)

Please give this form to the person at the information table. Thank you.

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Monday, October 14, 2024 9:00 AM
To: PUBCOMMENT-WQ; PUBCOMMENT-ELD; PUBCOMMENT-OCC2; PUBCOMMENT-OPIC
Subject: FW: Public comment on Permit Number WQ0005462000

Associate to the permit item only.

From: damramirez06@gmail.com <damramirez06@gmail.com>
Sent: Monday, October 14, 2024 12:25 AM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER: 2024-1282-IWD-E

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: Danniella Alejandra Ramirez

EMAIL: damramirez06@gmail.com

COMPANY:

ADDRESS: 180 CANYON DR 23
OCEANSIDE CA 92054-3555

PHONE: 7608594493

FAX:

COMMENTS: Dear Texas Commission on Environmental Quality, I am writing to express my concerns about the environmental and social impacts resulting from SpaceX's launch site operations in Boca Chica, Texas. Since SpaceX began its activities in the area, there have been multiple documented cases of environmental degradation, including habitat destruction in surrounding wetlands, increased air and water pollution, and the release of debris into nearby ecosystems following launches. The destruction of

local ecosystems is not only harming biodiversity but also contributing to long-term ecological damage. This degradation jeopardizes local wildlife, including endangered species such as the Kemp's ridley sea turtle and the ocelot, and threatens the health of nearby residents due to pollutants, debris, and noise pollution from frequent tests and launches. Additionally, SpaceX operations have negatively affected the local community. Residents have reported increased noise levels, disruptions to daily life, and even forced evacuations during launch events. The constant activity has created economic strain for some, as businesses in the area experience interruptions, and property owners have expressed concerns over potential long-term damage to their homes due to recurring vibrations from launches. Furthermore, the lack of consistent communication from SpaceX about launch schedules and safety protocols has left many in the community feeling uncertain about their safety and well-being. It is critical that TCEQ conducts a thorough review of the long-term impacts of SpaceX's operations and enforces stricter regulations to protect both the environment and the local communities. I urge the Commission to hold SpaceX accountable for these ongoing issues and ensure that any further activities are conducted with proper environmental safeguards in place. Thank you for considering my concerns. I look forward to seeing action taken to protect the community and environment.

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Monday, October 14, 2024 5:57 PM
To: PUBCOMMENT-OCC2; PUBCOMMENT-OPIC; PUBCOMMENT-ELD; PUBCOMMENT-WQ
Subject: FW: Public comment on Permit Number WQ0005462000

Jesús Bárcena
Office of the Chief Clerk
Texas Commission on Environmental Quality
Office Phone: 512-239-3319

How is our customer service? Fill out our online customer satisfaction survey at:
www.tceq.texas.gov/customersurvey

From: damramirez06@gmail.com <damramirez06@gmail.com>
Sent: Monday, October 14, 2024 4:01 PM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER: 2024-1282-IWD-E

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: Danniella Alejandra Ramirez

EMAIL: damramirez06@gmail.com

COMPANY:

ADDRESS: 180 CANYON DR 23
OCEANSIDE CA 92054-3555

PHONE: 7608594493

FAX:

COMMENTS: Dear Texas Commission on Environmental Quality, I am writing to express my concerns about the environmental and social impacts resulting from SpaceX's launch site operations in Boca Chica, Texas. Since SpaceX began its activities in the area, there have been multiple documented cases of environmental degradation, including habitat destruction in surrounding wetlands, increased air and water pollution, and the release of debris into nearby ecosystems following launches. The destruction of local ecosystems is not only harming biodiversity but also contributing to long-term ecological damage. This degradation jeopardizes local wildlife, including endangered species such as the Kemp's ridley sea turtle and the ocelot, and threatens the health of nearby residents due to pollutants, debris, and noise pollution from frequent tests and launches. Additionally, SpaceX operations have negatively affected the local community. Residents have reported increased noise levels, disruptions to daily life, and even forced evacuations during launch events. The constant activity has created economic strain for some, as businesses in the area experience interruptions, and property owners have expressed concerns over potential long-term damage to their homes due to recurring vibrations from launches. Furthermore, the lack of consistent communication from SpaceX about launch schedules and safety protocols has left many in the community feeling uncertain about their safety and well-being. It is critical that TCEQ conducts a thorough review of the long-term impacts of SpaceX's operations and enforces stricter regulations to protect both the environment and the local communities. I urge the Commission to hold SpaceX accountable for these ongoing issues and ensure that any further activities are conducted with proper environmental safeguards in place. Thank you for considering my concerns. I look forward to seeing action taken to protect the community and environment.

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Monday, October 21, 2024 1:27 PM
To: PUBCOMMENT-WQ; PUBCOMMENT-ELD; PUBCOMMENT-OCC2; PUBCOMMENT-OPIC
Subject: FW: Public comment on Permit Number 175629

Disassociate from 175629. Associate to WQ0005462000 and WQ0016342001

From: perla.soto87@gmail.com <perla.soto87@gmail.com>
Sent: Friday, October 18, 2024 8:43 AM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number 175629

REGULATED ENTY NAME CRUSHER SN 11449

RN NUMBER: RN111936019

PERMIT NUMBER: 175629

DOCKET NUMBER:

COUNTY: CAMERON

PRINCIPAL NAME: FRONTERA MATERIALS INC

CN NUMBER: CN600518575

NAME: Perla Ramirez

EMAIL: perla.soto87@gmail.com

COMPANY:

ADDRESS: 7236 ALABAMA PINE ST
BROWNSVILLE TX 78526-3042

PHONE: 9565457879

FAX:

COMMENTS: I completely oppose the dumping of treated waste water into the bay. Fisherman have been using the bay and regardless of their claim of water being treated there are many risks involved. This is not okay and should not be permitted.

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Monday, October 21, 2024 11:26 AM
To: PUBCOMMENT-WQ; PUBCOMMENT-ELD; PUBCOMMENT-OCC2; PUBCOMMENT-OPIC
Subject: FW: Public comment on Permit Number WQ0005462000

From: osvaldo.razo@gmail.com <osvaldo.razo@gmail.com>
Sent: Thursday, October 17, 2024 4:04 PM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER: 2024-1282-IWD-E

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: Damian Razo

EMAIL: osvaldo.razo@gmail.com

COMPANY:

ADDRESS: 1164 BOCA CHICA BLVD
BROWNSVILLE TX 78520-8307

PHONE: 3524068928

FAX:

COMMENTS: Some people jump and cheer with glee. Some people frown and mourn. I wonder which one lives here. I wonder which one wakes up to their room shaking. I know which one doesn't. I know which one destroys the land in search of another. "Who cares? We're going to Mars!" For what I ask. To desecrate that land too? To ruin it? To rape it and then rob it of its resources? Even if that were possible, YOU are not going. Anything that man touches, that fifty-three-year-old manchild touches, is ruined. He's

ruined Twitter, he is dividing the country. Even the business downturn going out of business, the one that has his face plastered all over it. The beach is next. While he certainly has more money than me, I'm still richer because I live here. I live next to the beach. Surrounded by amazing people. Who is he surrounded by? I am richer because I am satisfied with a trip to the beach and sharing watermelon with my wife. And that is all I need in this life. I don't need a rocket, I don't need to be liked, I don't even need money. The beach is a gift, and I plan to enjoy it as long as I live. If you help protect this beach, you will have something not even the wealthiest man in the world can buy, dignity.

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Monday, October 21, 2024 11:26 AM
To: PUBCOMMENT-WQ; PUBCOMMENT-ELD; PUBCOMMENT-OCC2; PUBCOMMENT-OPIC
Subject: FW: Public comment on Permit Number WQ0005462000

From: osvaldo.razo@gmail.com <osvaldo.razo@gmail.com>
Sent: Thursday, October 17, 2024 4:02 PM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER:

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: Damian Razo

EMAIL: osvaldo.razo@gmail.com

COMPANY:

ADDRESS: 1164 BOCA CHICA BLVD
BROWNSVILLE TX 78520-8307

PHONE: 3524068928

FAX:

COMMENTS: Some people jump and cheer with glee. Some people frown and mourn. I wonder which one lives here. I wonder which one wakes up to their room shaking. I know which one doesn't. I know which one destroys the land in search of another. "Who cares? We're going to Mars!" For what I ask. To desecrate that land too? To ruin it? To rape it and then rob it of its resources? Even if that were possible, YOU are not going. Anything that man touches, that fifty-three-year-old manchild touches, is ruined. He's

ruined Twitter, he is dividing the country. Even the business downturn going out of business, the one that has his face plastered all over it. The beach is next. While he certainly has more money than me, I'm still richer because I live here. I live next to the beach. Surrounded by amazing people. Who is he surrounded by? I am richer because I am satisfied with a trip to the beach and sharing watermelon with my wife. And that is all I need in this life. I don't need a rocket, I don't need to be liked, I don't even need money. The beach is a gift, and I plan to enjoy it as long as I live. If you help protect this beach, you will have something not even the wealthiest man in the world can buy, dignity.

9

TCEQ Registration Form

October 17, 2024

Space Exploration Technologies Corp.
Proposed TPDES Permit No. WQ0005462000

PLEASE PRINT

Name: TONY REISINGER

Mailing Address: 101 W ~~ATE~~ WASHINGTON ST

Physical Address (if different): _____

City/State: PORT ISABEL TX Zip: 78578

This information is subject to public disclosure under the Texas Public Information Act

Email: oreising@gmail.com

Phone Number: (956) 493-8129

- Are you here today representing a municipality, legislator, agency, or group? ☐ Yes ☒ No

If yes, which one? _____

☒ Please add me to the mailing list.

☒ I wish to provide formal *ORAL COMMENTS* at tonight's public meeting.

☐ I wish to provide formal *WRITTEN COMMENTS* at tonight's public meeting.

(Written comments may be submitted at any time during the meeting)

Please give this form to the person at the information table. Thank you.

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Tuesday, October 15, 2024 5:05 PM
To: PUBCOMMENT-OCC2; PUBCOMMENT-OPIC; PUBCOMMENT-ELD; PUBCOMMENT-WQ
Subject: FW: Public comment on Permit Number WQ0005462000

Jesús Bárcena
Office of the Chief Clerk
Texas Commission on Environmental Quality
Office Phone: 512-239-3319

How is our customer service? Fill out our online customer satisfaction survey at:
www.tceq.texas.gov/customersurvey

From: rubymayresendez@gmail.com <rubymayresendez@gmail.com>
Sent: Tuesday, October 15, 2024 4:06 PM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER: 2024-1282-IWD-E

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: Ruby Resendez

EMAIL: rubymayresendez@gmail.com

COMPANY:

ADDRESS: 445 E JEFFERSON ST
BROWNSVILLE TX 78520-6061

PHONE: 9565511526

FAX:

COMMENTS: Space X's activities at Starbase have had measurable adverse impacts on our wildlife, habitat and environment. I feel thorough and independent research regarding both short and long term effects of such wastewater in those quantities must be conducted before allowing SpaceX to move forward. I am extremely concerned for our marine wildlife. SpaceX's launch site in Boca Chica, Texas is surrounded by a state park and federal wildlife refuge that's home to many species, including endangered sea turtles. The area is also a critical migratory bird habitat. In the past, Space X has restricted access to public land and have skirted environmental regulations, continuing to launch in the meantime despite lack of environmental research. Their toxic industrial waste water should not continue to be dumped in our coastal waters until the water system they employ for launches and the chemical components of said waste water is thoroughly tested. As a life long Brownsville resident, I urge the EPA and the TQEC to immediately stop launches and allow proper research to be conducted and permits to be given. Space X not only appears to be harming marine life by dumping deluge water, they are also in clear violation of the Clean Water Act which can affect human life as well.

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Tuesday, October 15, 2024 5:05 PM
To: PUBCOMMENT-OCC2; PUBCOMMENT-OPIC; PUBCOMMENT-ELD; PUBCOMMENT-WQ
Subject: FW: Public comment on Permit Number WQ0005462000

Jesús Bárcena
Office of the Chief Clerk
Texas Commission on Environmental Quality
Office Phone: 512-239-3319

How is our customer service? Fill out our online customer satisfaction survey at:
www.tceq.texas.gov/customersurvey

From: rubymayresendez@gmail.com <rubymayresendez@gmail.com>
Sent: Tuesday, October 15, 2024 4:06 PM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER: 2024-1282-IWD-E

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: Ruby Resendez

EMAIL: rubymayresendez@gmail.com

COMPANY:

ADDRESS: 445 E JEFFERSON ST
BROWNSVILLE TX 78520-6061

PHONE: 9565511526

FAX:

COMMENTS: Space X's activities at Starbase have had measurable adverse impacts on our wildlife, habitat and environment. I feel thorough and independent research regarding both short and long term effects of such wastewater in those quantities must be conducted before allowing SpaceX to move forward. I am extremely concerned for our marine wildlife. SpaceX's launch site in Boca Chica, Texas is surrounded by a state park and federal wildlife refuge that's home to many species, including endangered sea turtles. The area is also a critical migratory bird habitat. In the past, Space X has restricted access to public land and have skirted environmental regulations, continuing to launch in the meantime despite lack of environmental research. Their toxic industrial waste water should not continue to be dumped in our coastal waters until the water system they employ for launches and the chemical components of said waste water is thoroughly tested. As a life long Brownsville resident, I urge the EPA and the TQEC to immediately stop launches and allow proper research to be conducted and permits to be given. Space X not only appears to be harming marine life by dumping deluge water, they are also in clear violation of the Clean Water Act which can affect human life as well.

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Wednesday, October 16, 2024 2:48 PM
To: PUBCOMMENT-WQ; PUBCOMMENT-ELD; PUBCOMMENT-OCC2; PUBCOMMENT-OPIC
Subject: FW: Public comment on Permit Number WQ0005462000

From: rubymayresendez@gmail.com <rubymayresendez@gmail.com>
Sent: Tuesday, October 15, 2024 6:06 PM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER: 2024-1282-IWD-E

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: Ruby Resendez

EMAIL: rubymayresendez@gmail.com

COMPANY:

ADDRESS: 445 E JEFFERSON ST
BROWNSVILLE TX 78520-6061

PHONE: 9565511526

FAX:

COMMENTS: Space X's activities at Starbase have had measurable adverse impacts on our wildlife, habitat and environment. I feel thorough and independent research regarding both short and long term effects of such wastewater in those quantities must be conducted before allowing SpaceX to move forward. I am extremely concerned for our marine wildlife. SpaceX's launch site in Boca Chica, Texas is surrounded by a state park and federal wildlife refuge that's home to many species, including

endangered sea turtles. The area is also a critical migratory bird habitat. In the past, Space X has restricted access to public land and have skirted environmental regulations, continuing to launch in the meantime despite lack of environmental research. Their toxic industrial waste water should not continue to be dumped in our coastal waters until the water system they employ for launches and the chemical components of said waste water is thoroughly tested. As a life long Brownsville resident, I urge the EPA and the TQEC to immediately stop launches and allow proper research to be conducted and permits to be given. Space X not only appears to be harming marine life by dumping deluge water, they are also in clear violation of the Clean Water Act which can affect human life as well.

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Wednesday, October 16, 2024 2:48 PM
To: PUBCOMMENT-WQ; PUBCOMMENT-ELD; PUBCOMMENT-OCC2; PUBCOMMENT-OPIC
Subject: FW: Public comment on Permit Number WQ0005462000

From: rubymayresendez@gmail.com <rubymayresendez@gmail.com>
Sent: Tuesday, October 15, 2024 6:04 PM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER: 2024-1282-IWD-E

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: Ruby Resendez

EMAIL: rubymayresendez@gmail.com

COMPANY:

ADDRESS: 445 E JEFFERSON ST
BROWNSVILLE TX 78520-6061

PHONE: 9565511526

FAX:

COMMENTS: Space X's activities at Starbase have had measurable adverse impacts on our wildlife, habitat and environment. I feel thorough and independent research regarding both short and long term effects of such wastewater in those quantities must be conducted before allowing SpaceX to move forward. I am extremely concerned for our marine wildlife. SpaceX's launch site in Boca Chica, Texas is surrounded by a state park and federal wildlife refuge that's home to many species, including

endangered sea turtles. The area is also a critical migratory bird habitat. In the past, Space X has restricted access to public land and have skirted environmental regulations, continuing to launch in the meantime despite lack of environmental research. Their toxic industrial waste water should not continue to be dumped in our coastal waters until the water system they employ for launches and the chemical components of said waste water is thoroughly tested. As a life long Brownsville resident, I urge the EPA and the TQEC to immediately stop launches and allow proper research to be conducted and permits to be given. Space X not only appears to be harming marine life by dumping deluge water, they are also in clear violation of the Clean Water Act which can affect human life as well.

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Wednesday, October 16, 2024 2:48 PM
To: PUBCOMMENT-WQ; PUBCOMMENT-ELD; PUBCOMMENT-OCC2; PUBCOMMENT-OPIC
Subject: FW: Public comment on Permit Number WQ0005462000

From: rubymayresendez@gmail.com <rubymayresendez@gmail.com>
Sent: Tuesday, October 15, 2024 6:03 PM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER: 2024-1282-IWD-E

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: Ruby Resendez

EMAIL: rubymayresendez@gmail.com

COMPANY:

ADDRESS: 445 E JEFFERSON ST
BROWNSVILLE TX 78520-6061

PHONE: 9565511526

FAX:

COMMENTS: Space X's activities at Starbase have had measurable adverse impacts on our wildlife, habitat and environment. I feel thorough and independent research regarding both short and long term effects of such wastewater in those quantities must be conducted before allowing SpaceX to move forward. I am extremely concerned for our marine wildlife. SpaceX's launch site in Boca Chica, Texas is surrounded by a state park and federal wildlife refuge that's home to many species, including

endangered sea turtles. The area is also a critical migratory bird habitat. In the past, Space X has restricted access to public land and have skirted environmental regulations, continuing to launch in the meantime despite lack of environmental research. Their toxic industrial waste water should not continue to be dumped in our coastal waters until the water system they employ for launches and the chemical components of said waste water is thoroughly tested. As a life long Brownsville resident, I urge the EPA and the TQEC to immediately stop launches and allow proper research to be conducted and permits to be given. Space X not only appears to be harming marine life by dumping deluge water, they are also in clear violation of the Clean Water Act which can affect human life as well.

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Tuesday, October 15, 2024 5:01 PM
To: PUBCOMMENT-OCC2; PUBCOMMENT-OPIC; PUBCOMMENT-ELD; PUBCOMMENT-WQ
Subject: FW: Public comment on Permit Number WQ0005462000

Jesús Bárcena
Office of the Chief Clerk
Texas Commission on Environmental Quality
Office Phone: 512-239-3319

How is our customer service? Fill out our online customer satisfaction survey at:
www.tceq.texas.gov/customersurvey

From: dupleomikel@yahoo.com <dupleomikel@yahoo.com>
Sent: Tuesday, October 15, 2024 1:24 PM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER: 2024-1282-IWD-E

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: MR Michael Reyes

EMAIL: dupleomikel@yahoo.com

COMPANY:

ADDRESS: 2942 REGENCY
BROWNSVILLE TX 78526-1258

PHONE: 9565436954

FAX:

COMMENTS: Please do not allow Space X to discharge waste water into South Bay. 200 thousand gallons of water per day will undoubtedly have a negative impact on the ecosystem. As you know, South Bay is part of a hypersaline lagoon, life in the lagoon has evolved to thrive in a hypersaline environment. This amount of water released on a daily basis will throw the balance of the ecosystem off. I strongly oppose the approval of this permit. Please do the right thing. Have them come up with a different method of disposing of this waste water or better yet, have them build a water recycling plant which will allow Space X to reuse that water for its employees.

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Monday, October 21, 2024 11:43 AM
To: PUBCOMMENT-WQ; PUBCOMMENT-ELD; PUBCOMMENT-OCC2; PUBCOMMENT-OPIC
Subject: FW: Public comment on Permit Number WQ0005462000

From: lianna24806@gmail.com <lianna24806@gmail.com>
Sent: Thursday, October 17, 2024 4:45 PM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER:

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: Lianna Reynaga

EMAIL: lianna24806@gmail.com

COMPANY:

ADDRESS: 3560 WESTCREEK DR
BROWNSVILLE TX 78526-4578

PHONE: 9562222207

FAX:

COMMENTS: I am opposed to the issuance of the following permits for SpaceX LLC: WQ0005462000 The SpaceX launch pad and Starbase facility emit unacceptable levels of pollutants that threaten Brownsville and Rio Grande Valley residents' health and well-being. Water pollutants also damage the sensitive wetland, salt marsh, and mudflat ecosystems of South Bay, Lower Rio Grande Valley Wildlife Refuge, and Boca Chica Beach, home to numerous endangered and threatened species, especially migratory

birds. As a member of the surrounding community, I am directly impacted by SpaceX's wastewater pollution and activities. I request that TCEQ provide sufficient Spanish language interpretation and translation services at the hearing on October 17 to ensure that all participants' questions are answered. In addition, TCEQ and SpaceX staff must consult with the Carrizo/Comecrudo Tribe of Texas, the original Native people of this region, about this permit application and all SpaceX activities at the Boca Chica Beach site.

TCEQ Registration Form

October 17, 2024

Space Exploration Technologies Corp.
Proposed TPDES Permit No. WQ0005462000

PLEASE PRINT

Name: Sydney Ribera

Mailing Address: 403 E30th st.

Physical Address (if different): _____

City/State: Mission, TX Zip: 78574

This information is subject to public disclosure under the Texas Public Information Act

Email: _____

Phone Number: () _____

- Are you here today representing a municipality, legislator, agency, or group? ☐ Yes ☒ No

If yes, which one? _____

☐ Please add me to the mailing list.

☒ I wish to provide formal *ORAL COMMENTS* at tonight's public meeting.

☐ I wish to provide formal *WRITTEN COMMENTS* at tonight's public meeting.

(Written comments may be submitted at any time during the meeting)

Please give this form to the person at the information table. Thank you.

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Wednesday, October 16, 2024 5:28 PM
To: PUBCOMMENT-OCC2; PUBCOMMENT-OPIC; PUBCOMMENT-ELD; PUBCOMMENT-WQ
Subject: FW: Public comment on Permit Number WQ0005462000

Jesús Bárcena
Office of the Chief Clerk
Texas Commission on Environmental Quality
Office Phone: 512-239-3319

How is our customer service? Fill out our online customer satisfaction survey at:
www.tceq.texas.gov/customersurvey

From: sydjanrib@gmail.com <sydjanrib@gmail.com>
Sent: Wednesday, October 16, 2024 5:17 PM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER:

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: Sydney Jane Ribera

EMAIL: sydjanrib@gmail.com

COMPANY:

ADDRESS: 403 E 30TH ST
MISSION TX 78574-2155

PHONE: 9564589056

FAX:

COMMENTS: I'm a carer for my disabled grandmother in Alamo, TX. It was early morning when we woke up to her 3 pane window doors rattling loudly. There was an obvious crack between the ceiling and wall, and then we learned this is when SpaceX launched their rocket. My grandmother cannot attend public comment sessions due to her disability, so she expresses her deepest distain for the SpaceX project and asked that I comment on her behalf. We're concerned with the immense damage SpaceX is causing, because if this happened to her home 70 miles away, then what is it doing to the land around it? Sightings of its fumes were seen over 600 miles away in the sky. It was not a pretty cloud, but an ugly spewing of pollution that no bird could survive, and on the ground, anoxic clouds suffocated the life around it. She sees these rockets like an expensive trashcan, they do no good, they harm the environment, the animals have no say in it, and it's doing irreversible damage to the land, air, and sea. SpaceX is exploiting cheap land, pushing residents out, and buying out the city with this dangerous project. This is just the beginning of a long, expensive, and harmful ego trip that the plants, animals, and people of the Valley will be paying for with their lives. Therefore, we are opposed to the issuance of more permits for SpaceX.

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Tuesday, October 15, 2024 5:06 PM
To: PUBCOMMENT-OCC2; PUBCOMMENT-OPIC; PUBCOMMENT-ELD; PUBCOMMENT-WQ
Subject: FW: Public comment on Permit Number WQ0005462000

Jesús Bárcena
Office of the Chief Clerk
Texas Commission on Environmental Quality
Office Phone: 512-239-3319

How is our customer service? Fill out our online customer satisfaction survey at:
www.tceq.texas.gov/customersurvey

From: richards_brad@hotmail.com <richards_brad@hotmail.com>
Sent: Tuesday, October 15, 2024 5:05 PM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER: 2024-1282-IWD-E

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: MR Brad R. Richards

EMAIL: richards_brad@hotmail.com

COMPANY:

ADDRESS: 305 N VINE ST
VICTORIA TX 77901-6445

PHONE: 3616760533

FAX:

COMMENTS: My partner and I have been to 3 of the 5 starship launches. We are considering retiring to either Brownsville or South Padre and have made quite a few friends on the Island and at the Art Lounge in particular (great place to view the launch and not get stuck at the park). We have met a few spaceX as well as Tesla employees and have spoken to them about pollution control (I have a M.S. in chemical engineering from Texas A and I). In my conversations with them, I have realized that they are very aware of keeping the local ecology intact, and minimizing any impact they have on the area. They have mentioned beach cleanup days and how much trash they collect on those days, basically making Boca Chica cleaner than it would be without SpaceX. I feel that SpaceX is as good a steward for the conservation of resources as any ISO 14000 certified company I ever worked for in my career. Having dealt with the TNRCC and the EPA in my professional life, I feel I am qualified to give this opinion that the Waste Water permit should be approved.

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Tuesday, October 15, 2024 5:03 PM
To: PUBCOMMENT-OCC2; PUBCOMMENT-OPIC; PUBCOMMENT-ELD; PUBCOMMENT-WQ
Subject: FW: Public comment on Permit Number WQ0005462000

Jesús Bárcena
Office of the Chief Clerk
Texas Commission on Environmental Quality
Office Phone: 512-239-3319

How is our customer service? Fill out our online customer satisfaction survey at:
www.tceq.texas.gov/customersurvey

From: southtexasnation@gmail.com <southtexasnation@gmail.com>
Sent: Tuesday, October 15, 2024 3:29 PM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER: 2024-1282-IWD-E

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: David Robledo, JR

EMAIL: southtexasnation@gmail.com

COMPANY:

ADDRESS: 1055 W SAINT CHARLES ST
BROWNSVILLE TX 78520-6405

PHONE: 9563360809

FAX:

COMMENTS: Space-X is built adjacent to a Federally protected habitat. Dumping effluent into or adjacent to this habitat is not allowed according to Federal regulations. It is TCEQ's responsibility to comply with all federal laws relating to buildings and effluent discharge that may impact federally protected habitat. Not doing so is a violation of Federal law. I urge TCEQ and all company to deny the SpaceX permit request to discharge effluent into South Bay in the Boca Chica beach area of Texas. This effluent will negatively impact the habitat in the South Bay Area which wildlife depends on as well as a local \$1 billion approximate fishing and environmental tourism's industry that is historic and that is operated by traditional and Indigenous workers.

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Monday, October 21, 2024 11:52 AM
To: PUBCOMMENT-WQ; PUBCOMMENT-ELD; PUBCOMMENT-OCC2; PUBCOMMENT-OPIC
Subject: FW: Public comment on Permit Number WQ0005462000

From: Analincoln@hotmail.com <Analincoln@hotmail.com>
Sent: Thursday, October 17, 2024 6:37 PM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER: 2024-1282-IWD-E

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: MRS Ana Lincoln Rodriguez

EMAIL: Analincoln@hotmail.com

COMPANY:

ADDRESS: 3748 CATTADORI CT
BROWNSVILLE TX 78521-4362

PHONE: 9563469314

FAX:

COMMENTS: I'm a concerned citizen and I don't think they should be allowed to dump their waste into our water. Our kids go to the beach and enjoy the water. It's not safe and it can affect not only our children but also the animals in that area. It's not good for our environment.

TCEQ Registration Form

October 17, 2024

Space Exploration Technologies Corp.
Proposed TPDES Permit No. WQ0005462000

PLEASE PRINT

Name: Cynthia L. Rodriguez

Mailing Address: 1344 Duranta Ln.

Physical Address (if different): _____

City/State: Brownsville, TX Zip: 78520

This information is subject to public disclosure under the Texas Public Information Act

Email: cinlrodz66@gmail.com

Phone Number: (956) 346-1980

- Are you here today representing a municipality, legislator, agency, or group? ☐ Yes ☒ No

If yes, which one? _____

☒ Please add me to the mailing list.

☒ I wish to provide formal *ORAL COMMENTS* at tonight's public meeting.

☐ I wish to provide formal *WRITTEN COMMENTS* at tonight's public meeting.

(Written comments may be submitted at any time during the meeting)

Please give this form to the person at the information table. Thank you.

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Monday, October 21, 2024 11:53 AM
To: PUBCOMMENT-WQ; PUBCOMMENT-ELD; PUBCOMMENT-OCC2; PUBCOMMENT-OPIC
Subject: FW: Public comment on Permit Number WQ0005462000

From: Jdiegordz03@hotmail.com <Jdiegordz03@hotmail.com>
Sent: Thursday, October 17, 2024 6:41 PM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER:

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: MR Juan D Rodriguez

EMAIL: Jdiegordz03@hotmail.com

COMPANY:

ADDRESS: 3748 CATTADORI CT
BROWNSVILLE TX 78521-4362

PHONE: 9563466765

FAX:

COMMENTS: I don't think it's right to allow space x to dump their waste into our water. It can potentially affect our environment and the habitat in the area. Our kids enjoy going to the beach its a place where they have fun. We wouldn't want to lose it due to poor air quality or the water being contaminated.

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Tuesday, October 15, 2024 5:01 PM
To: PUBCOMMENT-OCC2; PUBCOMMENT-OPIC; PUBCOMMENT-ELD; PUBCOMMENT-WQ
Subject: FW: Public comment on Permit Number WQ0005462000

Jesús Bárcena
Office of the Chief Clerk
Texas Commission on Environmental Quality
Office Phone: 512-239-3319

How is our customer service? Fill out our online customer satisfaction survey at:
www.tceq.texas.gov/customersurvey

From: rub.rodriguez.1223@gmail.com <rub.rodriguez.1223@gmail.com>
Sent: Tuesday, October 15, 2024 12:41 PM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER: 2024-1282-IWD-E

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: Ruben Rodriguez

EMAIL: rub.rodriguez.1223@gmail.com

COMPANY:

ADDRESS: 2406 LEXINGTON PL
BROWNSVILLE TX 78520-3914

PHONE: 2107580586

FAX:

COMMENTS: I do not agree with the water disposal agreement

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Monday, October 21, 2024 1:28 PM
To: PUBCOMMENT-WQ; PUBCOMMENT-ELD; PUBCOMMENT-OCC2; PUBCOMMENT-OPIC
Subject: FW: Public comment on Permit Number WQ0005462000

From: saraleerod1@gmail.com <saraleerod1@gmail.com>
Sent: Monday, October 21, 2024 9:01 AM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER: 2024-1282-IWD-E

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: Sara Lee Rodriguez

EMAIL: saraleerod1@gmail.com

COMPANY:

ADDRESS: 23350 WISE WALK DR
KATY TX 77493-5199

PHONE: 9549978037

FAX:

COMMENTS: what Space X is trying to get away with is wrong. The people do NOT want this, it will make our beaches worse than they already are.

Vincent Redondo

From: PUBCOMMENT-OCC
Sent: Monday, November 4, 2024 1:48 PM
To: PUBCOMMENT-WQ; PUBCOMMENT-ELD; PUBCOMMENT-OCC2; PUBCOMMENT-OPIC
Subject: FW: Public comment on Permit Number WQ0016342001

Also associate with WQ0005462000

From: esmexroman@gmail.com <esmexroman@gmail.com>
Sent: Monday, November 4, 2024 1:28 PM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0016342001

REGULATED ENTY NAME STARBASE WWTP

RN NUMBER: RN111738498

PERMIT NUMBER: WQ0016342001

DOCKET NUMBER:

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: Esmeralda Roman

EMAIL: esmexroman@gmail.com

COMPANY: N/A

ADDRESS: 121 NORTH ST Apt 1
HOUSTON TX 77009-6762

PHONE: 9565636757

FAX:

COMMENTS: I am opposed to the issuance of the following permits for SpaceX LLC: WQ0005462000 The SpaceX launch pad and Starbase facility emit unacceptable levels of pollutants that threaten Brownsville and Rio Grande Valley residents' health and well-being. Water pollutants also damage the sensitive wetland, salt marsh, and mudflat ecosystems of South Bay, Lower Rio Grande Valley Wildlife Refuge, and Boca Chica Beach, home to numerous endangered and threatened species, especially migratory

birds. As a member of the surrounding community, I am directly impacted by SpaceX's pollution and activities. I request that TCEQ provide sufficient Spanish language interpretation and translation services at the hearing on November 14 to ensure that all participants' questions are answered. In addition, TCEQ and SpaceX staff must consult with the Carrizo/Comecrudo Tribe of Texas, the original Native people of this region, about this permit application and all SpaceX activities at the Boca Chica Beach site.

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Tuesday, October 8, 2024 1:55 PM
To: PUBCOMMENT-OCC2; PUBCOMMENT-OPIC; PUBCOMMENT-ELD; PUBCOMMENT-WQ
Subject: FW: Public comment on Permit Number WQ0005462000

Jesús Bárcena
Office of the Chief Clerk
Texas Commission on Environmental Quality
Office Phone: 512-239-3319

How is our customer service? Fill out our online customer satisfaction survey at:
www.tceq.texas.gov/customersurvey

From: esmexroman@gmail.com <esmexroman@gmail.com>
Sent: Sunday, October 6, 2024 11:47 AM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER: 2024-1282-IWD-E

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: Esmeralda Román

EMAIL: esmexroman@gmail.com

COMPANY:

ADDRESS: 121 NORTH ST Apt 1
HOUSTON TX 77009-6762

PHONE: 9565636757

FAX:

COMMENTS: I am in disagreement with this permit as it would cause further environmental distress and put our environment's health in dangerous risk. The profit of Space Xs company is not worth the health risks of the community and ecosystem.

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Tuesday, October 8, 2024 1:55 PM
To: PUBCOMMENT-OCC2; PUBCOMMENT-OPIC; PUBCOMMENT-ELD; PUBCOMMENT-WQ
Subject: FW: Public comment on Permit Number WQ0005462000

Jesús Bárcena
Office of the Chief Clerk
Texas Commission on Environmental Quality
Office Phone: 512-239-3319

How is our customer service? Fill out our online customer satisfaction survey at:
www.tceq.texas.gov/customersurvey

From: esmexroman@gmail.com <esmexroman@gmail.com>
Sent: Sunday, October 6, 2024 10:22 AM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER: 2024-1282-IWD-E

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: Esmeralda Román

EMAIL: esmexroman@gmail.com

COMPANY:

ADDRESS: 121 NORTH ST Apt 1
HOUSTON TX 77009-6762

PHONE: 9565636757

FAX:

COMMENTS: I am in disagreement with this permit as it would cause further environmental distress and put our environment's health in dangerous risk. The profit of Space Xs company is not worth the health risks of the community and ecosystem.

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Tuesday, October 8, 2024 1:55 PM
To: PUBCOMMENT-OCC2; PUBCOMMENT-OPIC; PUBCOMMENT-ELD; PUBCOMMENT-WQ
Subject: FW: Public comment on Permit Number WQ0005462000

Jesús Bárcena
Office of the Chief Clerk
Texas Commission on Environmental Quality
Office Phone: 512-239-3319

How is our customer service? Fill out our online customer satisfaction survey at:
www.tceq.texas.gov/customersurvey

From: esmexroman@gmail.com <esmexroman@gmail.com>
Sent: Sunday, October 6, 2024 10:22 AM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER: 2024-1282-IWD-E

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: Esmeralda Román

EMAIL: esmexroman@gmail.com

COMPANY:

ADDRESS: 121 NORTH ST Apt 1
HOUSTON TX 77009-6762

PHONE: 9565636757

FAX:

COMMENTS: I am in disagreement with this permit as it would cause further environmental distress and put our environment's health in dangerous risk. The profit of Space Xs company is not worth the health risks of the community and ecosystem.

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Wednesday, October 16, 2024 5:27 PM
To: PUBCOMMENT-OCC2; PUBCOMMENT-OPIC; PUBCOMMENT-ELD; PUBCOMMENT-WQ
Subject: FW: Public comment on Permit Number WQ0005462000

Jesús Bárcena
Office of the Chief Clerk
Texas Commission on Environmental Quality
Office Phone: 512-239-3319

How is our customer service? Fill out our online customer satisfaction survey at:
www.tceq.texas.gov/customersurvey

From: asaenzsas@gmail.com <asaenzsas@gmail.com>
Sent: Wednesday, October 16, 2024 5:16 PM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER:

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: Alexis Saenz

EMAIL: asaenzsas@gmail.com

COMPANY:

ADDRESS: 2602 ASHLEY DR
PHARR TX 78577-6942

PHONE: 9565641790

FAX:

COMMENTS: I am opposed to the issuance of the following permits for SpaceX LLC: WQ0005462000 The SpaceX launch pad and Starbase facility emit unacceptable levels of pollutants that threaten Brownsville and Rio Grande Valley residents' health and well-being. Water pollutants also damage the sensitive wetland, salt marsh, and mudflat ecosystems of South Bay, Lower Rio Grande Valley Wildlife Refuge, and Boca Chica Beach, home to numerous endangered and threatened species, especially migratory birds. As a member of the surrounding community, I am directly impacted by SpaceX's wastewater pollution and activities. I request that TCEQ provide sufficient Spanish language interpretation and translation services at the hearing on October 17 to ensure that all participants' questions are answered. In addition, TCEQ and SpaceX staff must consult with the Carrizo/Comecrudo Tribe of Texas, the original Native people of this region, about this permit application and all SpaceX activities at the Boca Chica Beach site.

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Wednesday, October 16, 2024 5:27 PM
To: PUBCOMMENT-OCC2; PUBCOMMENT-OPIC; PUBCOMMENT-ELD; PUBCOMMENT-WQ
Subject: FW: Public comment on Permit Number WQ0005462000

Jesús Bárcena
Office of the Chief Clerk
Texas Commission on Environmental Quality
Office Phone: 512-239-3319

How is our customer service? Fill out our online customer satisfaction survey at:
www.tceq.texas.gov/customersurvey

From: asaenzsas@gmail.com <asaenzsas@gmail.com>
Sent: Wednesday, October 16, 2024 5:13 PM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER: 2024-1282-IWD-E

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: Alexis Saenz

EMAIL: asaenzsas@gmail.com

COMPANY:

ADDRESS: 2602 ASHLEY DR
PHARR TX 78577-6942

PHONE: 9565641790

FAX:

COMMENTS: I am opposed to the issuance of the following permits for SpaceX LLC: WQ0005462000 The SpaceX launch pad and Starbase facility emit unacceptable levels of pollutants that threaten Brownsville and Rio Grande Valley residents' health and well-being. Water pollutants also damage the sensitive wetland, salt marsh, and mudflat ecosystems of South Bay, Lower Rio Grande Valley Wildlife Refuge, and Boca Chica Beach, home to numerous endangered and threatened species, especially migratory birds. As a member of the surrounding community, I am directly impacted by SpaceX's wastewater pollution and activities. I request that TCEQ provide sufficient Spanish language interpretation and translation services at the hearing on October 17 to ensure that all participants' questions are answered. In addition, TCEQ and SpaceX staff must consult with the Carrizo/Comecrudo Tribe of Texas, the original Native people of this region, about this permit application and all SpaceX activities at the Boca Chica Beach site.

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Tuesday, October 15, 2024 5:05 PM
To: PUBCOMMENT-OCC2; PUBCOMMENT-OPIC; PUBCOMMENT-ELD; PUBCOMMENT-WQ
Subject: FW: Public comment on Permit Number WQ0005462000

Jesús Bárcena
Office of the Chief Clerk
Texas Commission on Environmental Quality
Office Phone: 512-239-3319

How is our customer service? Fill out our online customer satisfaction survey at:
www.tceq.texas.gov/customersurvey

From: rudysainz16@gmail.com <rudysainz16@gmail.com>
Sent: Tuesday, October 15, 2024 4:08 PM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER: 2024-1282-IWD-E

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: RODOLFO SAINZ

EMAIL: rudysainz16@gmail.com

COMPANY:

ADDRESS: 211 VIKING LN
BROWNSVILLE TX 78520-4706

PHONE: 9566405234

FAX:

COMMENTS: While this material is labeled as treated, it is not being monitored, meaning we cannot know what is actually being dumped into the bay. This raises concerns that SpaceX may be trying to avoid the costs associated with relocating the wastewater. I argue that SpaceX should explore alternative methods for wastewater relocation at their own expense. Possible alternatives include advanced treatment technologies, reuse and recycling, partnerships with local utilities, and constructing wetlands. It's crucial to evaluate these options to ensure they are safe and reliable for the environment, promoting responsible water management practices.

TCEQ Registration Form

October 17, 2024

Space Exploration Technologies Corp.
Proposed TPDES Permit No. WQ0005462000

PLEASE PRINT

Name: Donavuan Salazar

Mailing Address: 911 Tortalita St

Physical Address (if different): _____

City/State: Edinburg TX Zip: 78569

This information is subject to public disclosure under the Texas Public Information Act

Email: Salazar donavuan@gmail.com

Phone Number: (956) - 545-2017

- Are you here today representing a municipality, legislator, agency, or group? ☐ Yes ☒ No

If yes, which one? _____

☐ Please add me to the mailing list.

☒ I wish to provide formal *ORAL COMMENTS* at tonight's public meeting.

☒ I wish to provide formal *WRITTEN COMMENTS* at tonight's public meeting.

(Written comments may be submitted at any time during the meeting)

Please give this form to the person at the information table. Thank you.

TCEQ Registration Form

October 17, 2024

Space Exploration Technologies Corp. Proposed TPDES Permit No. WQ0005462000

PLEASE PRINT

Name: Karen Salazar

Mailing Address: 911 Tortolita St

Physical Address (if different): _____

City/State: Edinburg, TX

Zip: 78542

This information is subject to public disclosure under the Texas Public Information Act

Email: Karen@soto2820@gmail.com

Phone Number: (956) 801 - 4494

- Are you here today representing a municipality, legislator, agency, or group? ☐ Yes ☒ No

If yes, which one? _____

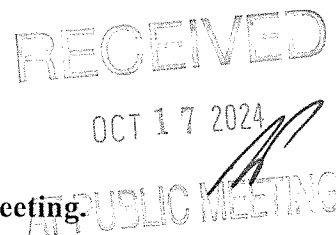
☐ Please add me to the mailing list.

☐ I wish to provide formal *ORAL COMMENTS* at tonight's public meeting.

☒ I wish to provide formal *WRITTEN COMMENTS* at tonight's public meeting.

(Written comments may be submitted at any time during the meeting)

Our environment is much more important than corporate ego.
Space X serves no benefit to our community and instead pollutes our
environment and endangers our native plants & animals. Deny permits!
Please give this form to the person at the information table. Thank you.



TCEQ Registration Form

October 17, 2024

Space Exploration Technologies Corp.

Proposed TPDES Permit No. WQ0005462000

PLEASE PRINT

Name:

Teresa Saldivar

Mailing Address:

680 E Ocean Blvd #A14

Physical Address (if different):

City/State:

Los Fresnos TX

Zip:

78566

This information is subject to public disclosure under the Texas Public Information Act

Email:

teresasaldivar424@gmail.com

Phone Number:

()

- Are you here today representing a municipality, legislator, agency, or group? ☐ Yes ☐ No

If yes, which one? _____

- ☐ Please add me to the mailing list.

RECEIVED

OCT 17 2024

- ☐ I wish to provide formal *ORAL COMMENTS* at tonight's public meeting.

AT PUBLIC MEETING

- ☒ I wish to provide formal *WRITTEN COMMENTS* at tonight's public meeting.

(Written comments may be submitted at any time during the meeting)

I don't want the permit issued.
my 3 story Bldg shook like a California
earthquake. Deluge water will contaminate ground
water over time.
Please give this form to the person at the information table. Thank you.
Don't Do it!

TCEQ Registration Form

October 17, 2024

Space Exploration Technologies Corp.
Proposed TPDES Permit No. WQ0005462000

PLEASE PRINT

Name: Teresa Saldivar

Mailing Address: 680 E. Ocean Blvd.

Physical Address (if different): _____

City/State: Los Fresnos TX Zip: _____

This information is subject to public disclosure under the Texas Public Information Act

Email: TeresaSaldivar424@gmail.com

Phone Number: () _____

- Are you here today representing a municipality, legislator, agency, or group? ☐ Yes ☒ No

If yes, which one? _____

☐ Please add me to the mailing list.

☒ I wish to provide formal *ORAL COMMENTS* at tonight's public meeting.

☐ I wish to provide formal *WRITTEN COMMENTS* at tonight's public meeting.

(Written comments may be submitted at any time during the meeting)

Please give this form to the person at the information table. Thank you.

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Monday, September 30, 2024 4:42 PM
To: PUBCOMMENT-WQ; PUBCOMMENT-ELD; PUBCOMMENT-OCC2; PUBCOMMENT-OPIC
Subject: FW: Public comment on Permit Number WQ0005462000

From: Teresasaldivar424@gmail.com <Terasasaldivar424@gmail.com>
Sent: Monday, September 30, 2024 1:44 PM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER:

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: MRS TERESA ROBLES SALDIVAR

EMAIL: Terasasaldivar424@gmail.com

COMPANY:

ADDRESS: 680 E OCEAN BLVD A14
LOS FRESNOS TX 78566-3251

PHONE: 9562932392

FAX:

COMMENTS: The EIS for SpaceX is ten years old. Elon Musk has since changed everything since then. Much of what Elon and the FAA stipulated would take place has changed considerably, i.e., rocket type, size, lauanch frequency, etc. SpaceX (Elon Musk) left out his intention to dump diluge waste water into the once pristine backbay destroying the fragile ecosystem wetkands. He did so illegally and suffered no consequences nor accoutability. Increased launch activity above the original number scheduled are now

beyond the scope of the original EIS. We have already experienced Elon Musks egregious apathy by prematurely launching his first rocket without FERC's authorization or the proper launch pad. Hence blowing a hole into the earth while scorching surrounding public land, including vehicles in the vicinity, destroying wildlife and resulting in polluting our public beach and gulf waters. Why is TCEQ allowing SpaceX to continue operating the deluge water system during this permitting process, prior to permit approval, considering all the violations incurred thus far? TCEQ recently fined SpaceX for past violations of the Clean Water Act and yet is allowing the violations to continue prior to permit approval. Under what authority can TCEQ grant permissions to continue a federal offense? What kind of baseline data has been collected? Where is the protected interest of the taxpayers currently carrying the taxburden for SpaceX? Where is the accountability for environmental damages? It appears nonexistent. There is nothing fair nor balanced about this entire senario. TCEQ appears to be apathetic to destructive activity that degrades the quality of our environment, waterways and groundwater for the pleasure of a wealthy person with special interest As a taxpaying citizen living in Cameron County Texas, I demand a new EIS regarding the long term environmetal impact of dumping wastewater, etc. onto our waterways, ground water, backbay.

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Monday, October 21, 2024 6:18 PM
To: PUBCOMMENT-OCC2; PUBCOMMENT-OPIC; PUBCOMMENT-ELD; PUBCOMMENT-WQ
Subject: FW: Public comment on Permit Number WQ0005462000

Jesús Bárcena
Office of the Chief Clerk
Texas Commission on Environmental Quality
Office Phone: 512-239-3319

How is our customer service? Fill out our online customer satisfaction survey at:
www.tceq.texas.gov/customersurvey

From: msalinas6309@gmail.com <msalinas6309@gmail.com>
Sent: Friday, October 18, 2024 3:41 PM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER: 2024-1282-IWD-E

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: Azalea Salinas

EMAIL: msalinas6309@gmail.com

COMPANY:

ADDRESS: 3404 GRANADA ST
EDINBURG TX 78542-2085

PHONE: 9563101664

FAX:

COMMENTS: I am opposed to the issuance of the following permits for SpaceX LLC: WQ0005462000 The SpaceX launch pad and Starbase facility emit unacceptable levels of pollutants that threaten Brownsville and Rio Grande Valley residents' health and well-being. Water pollutants also damage the sensitive wetland, salt marsh, and mudflat ecosystems of South Bay, Lower Rio Grande Valley Wildlife Refuge, and Boca Chica Beach, home to numerous endangered and threatened species, especially migratory birds. As a member of the surrounding community, I am directly impacted by SpaceX's wastewater pollution and activities. I request that TCEQ provide sufficient Spanish language interpretation and translation services at the hearing on October 17 to ensure that all participants' questions are answered. In addition, TCEQ and SpaceX staff must consult with the Carrizo/Comecrudo Tribe of Texas, the original Native people of this region, about this permit application and all SpaceX activities at the Boca Chica Beach site.

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Monday, October 21, 2024 6:18 PM
To: PUBCOMMENT-OCC2; PUBCOMMENT-OPIC; PUBCOMMENT-ELD; PUBCOMMENT-WQ
Subject: FW: Public comment on Permit Number WQ0005462000

Jesús Bárcena
Office of the Chief Clerk
Texas Commission on Environmental Quality
Office Phone: 512-239-3319

How is our customer service? Fill out our online customer satisfaction survey at:
www.tceq.texas.gov/customersurvey

From: msalinas6309@gmail.com <msalinas6309@gmail.com>
Sent: Friday, October 18, 2024 3:39 PM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER:

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: Azalea Salinas

EMAIL: msalinas6309@gmail.com

COMPANY:

ADDRESS: 3404 GRANADA ST
EDINBURG TX 78542-2085

PHONE: 9563101664

FAX:

COMMENTS: I am opposed to the issuance of the following permits for SpaceX LLC: WQ0005462000 The SpaceX launch pad and Starbase facility emit unacceptable levels of pollutants that threaten Brownsville and Rio Grande Valley residents' health and well-being. Water pollutants also damage the sensitive wetland, salt marsh, and mudflat ecosystems of South Bay, Lower Rio Grande Valley Wildlife Refuge, and Boca Chica Beach, home to numerous endangered and threatened species, especially migratory birds. As a member of the surrounding community, I am directly impacted by SpaceX's wastewater pollution and activities. I request that TCEQ provide sufficient Spanish language interpretation and translation services at the hearing on October 17 to ensure that all participants' questions are answered. In addition, TCEQ and SpaceX staff must consult with the Carrizo/Comecrudo Tribe of Texas, the original Native people of this region, about this permit application and all SpaceX activities at the Boca Chica Beach site.

27

TCEQ Registration Form

October 17, 2024

Space Exploration Technologies Corp.
Proposed TPDES Permit No. WQ0005462000

PLEASE PRINT

Name: Adrienny Sanchez

Mailing Address: 478 Rey Juan Carlos St.

Physical Address (if different): _____

City/State: Brownsville, Tx Zip: 78521

This information is subject to public disclosure under the Texas Public Information Act

Email: adrienny521@gmail.com

Phone Number: (956) 466-4935

- Are you here today representing a municipality, legislator, agency, or group? ☒ Yes ☐ No

If yes, which one? Valley Inter Faith REL

☐ Please add me to the mailing list.

☒ I wish to provide formal *ORAL COMMENTS* at tonight's public meeting.

☒ I wish to provide formal *WRITTEN COMMENTS* at tonight's public meeting.

(Written comments may be submitted at any time during the meeting)

Please give this form to the person at the information table. Thank you.

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Monday, October 21, 2024 10:02 AM
To: PUBCOMMENT-WQ; PUBCOMMENT-ELD; PUBCOMMENT-OCC2; PUBCOMMENT-OPIC
Subject: FW: Public comment on Permit Number WQ0005462000

From: Adhlemys21@hotmail.com <Adhlemys21@hotmail.com>
Sent: Thursday, October 17, 2024 10:10 AM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER:

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: Adhlemy Sanchez Adhlemy Sanchez

EMAIL: Adhlemys21@hotmail.com

COMPANY:

ADDRESS: 478 REY JUAN CARLOS ST
BROWNSVILLE TX 78521-4376

PHONE: 9562993770

FAX:

COMMENTS: Good evening. My name is Adhlemy Sanchez Martinez, and I am a mother, wife, and community leader with Valley Interfaith RGV. I'm here today to ask the TCEQ to **deny permit WQ0005462000** that would allow SpaceX's Starbase Launch Pad to discharge wastewater into the ocean along our public beaches in Brownsville, Texas. These beaches are not only vital for our community's recreation but are also home to endangered wildlife. I once supported SpaceX's vision for

innovation and infrastructure. Brownsville. But we must ask: ****at what cost?**** Corporations like SpaceX must be held accountable for their impact on local communities and ecosystems. The long-term consequences of wastewater pollution are significant—affecting the environment for years, even decades. ****Have we learned nothing from other SpaceX locations**** where damage has been done and communities were left to suffer the fallout? Our community is largely low-income and Spanish-speaking, and we are being ****taken advantage of****. Donations from SpaceX founder Elon Musk are mere band-aids on deep-rooted problems. Meanwhile, a 255-page environmental report, paid for by SpaceX, overlooks critical facts. ****People live just miles from these facilities.**** Wildlife, including endangered species, are directly impacted. Our beaches, once open for all, are increasingly restricted and contaminated. Furthermore, TCEQ itself is ****under-resourced and struggling****. High turnover rates make it difficult for the agency to effectively oversee permits. Local investigators do their job, but they lack the power to revoke permits from companies that repeatedly fail to comply with regulations. Corporate offices in Austin are failing their employees and our community. TCEQ's purpose is to ****protect communities**** like ours from the actions of large, profit-driven entities. We urge you to fulfill that duty by denying this permit and preventing further harm to our people and environment. Thank you.

TCEQ Registration Form

October 17, 2024

Space Exploration Technologies Corp.
Proposed TPDES Permit No. WQ0005462000

PLEASE PRINT

Name: Maria G (Lupita) Sanchez

Mailing Address: 7306 Gregory Ave

Physical Address (if different): _____

City/State: Brownsville TX Zip: 78526

This information is subject to public disclosure under the Texas Public Information Act

Email: lsanchez@borderworkersunited.org

Phone Number: (956) 755-7385

- Are you here today representing a municipality, legislator, agency, or group? ☐ Yes ☒ No

If yes, which one? _____

☐ Please add me to the mailing list.

☒ I wish to provide formal *ORAL COMMENTS* at tonight's public meeting.

☒ I wish to provide formal *WRITTEN COMMENTS* at tonight's public meeting.

(Written comments may be submitted at any time during the meeting)

Please give this form to the person at the information table. Thank you.

RECEIVED

OCT 17 2024

AT PUBLIC MEETING

Comentario público:

Corporación de Tecnologías de Exploración Espacial.

Intención de obtener un permiso de calidad del agua y

Aviso de Solicitud y Decisión Preliminar para el Permiso TPDES para Aguas Residuales Industriales

Permiso No. WQ0005462000

NAME/NOMBRE: Maná G (Lupita) Sanchez
ADDRESS/DIRECCIÓN: 2306 Gregory Ave
PHONE NUMBER/TELÉFONO*: 956-755-7385
EMAIL/CORREO ELECTRONICO*: Isanchez@borderworkersubmitted.org
AGE/EDAD*: 54 RACE/RAZA * Hispanic
*Opcional

Comentario público:

I am opposed to the issuance of the following permits for SpaceX LLC: WQ0005462000

The SpaceX launch pad and Starbase facility emit unacceptable levels of pollutants that threaten Brownsville and Rio Grande Valley residents' health and well-being. Water pollutants also damage the sensitive wetland, salt marsh, and mudflat ecosystems of South Bay, Lower Rio Grande Valley Wildlife Refuge, and Boca Chica Beach, home to numerous endangered and threatened species, especially migratory birds. As a member of the surrounding community, I am directly impacted by SpaceX's wastewater pollution and activities. I request that TCEQ provide sufficient Spanish language interpretation and translation services at the hearing on October 17 to ensure that all participants' questions are answered. In addition, TCEQ and SpaceX staff must consult with the Carrizo/Comecrudo Tribe of Texas, the original Native people of this region, about this permit application and all SpaceX activities at the Boca Chica Beach site.

Me opongo a la emisión de los siguientes permisos a favor de SpaceX LLC: WQ0005462000

La plataforma de lanzamiento de SpaceX y las instalaciones de Starbase emiten niveles inaceptables de contaminantes que amenazan la salud y el bienestar de los residentes de Brownsville y el Valle del Río Grande. Los contaminantes del agua también dañan los sensibles ecosistemas de humedales, pantanos salinos y marisma de South Bay, el Refugio de Vida Silvestre del Valle Bajo del Río Grande y la Playa de Boca Chica, hogar de numerosas especies amenazadas y en peligro de extinción, especialmente aves migratorias. Me afecta directamente la contaminación de las aguas residuales y las actividades de SpaceX. Solicito que TCEQ brinde además servicios de interpretación y traducción al idioma español en la audiencia del 17 de octubre. Además, el personal de TCEQ y SpaceX debe consultar con la Tribu Carrizo/Comecrudo de Texas, el pueblo nativo original de esta región, sobre esta solicitud de permiso y todas las actividades de SpaceX en el sitio de Boca Chica Beach.

Additional Comments/Comentarios Adicionales:

TCEQ tiene que respetar el cuidado de la naturaleza
y los recursos naturales.

El agua es un líquido vital para la naturaleza y los
humanos. El condado de Cameron ya sufre de escases
de agua en algunos temporadas de año

El agua es un líquido vital, contaminarlo afecta
con la vida de todos ~~de~~ los residentes del Valle
de Texas.

Ni Space X ni nadie debería de destruir nuestros
lugares naturales, la vida silvestre y mucho menos
afectar contra la vida humana contaminando
el agua.

Signature/Firma: 

Fecha: 10/16/24

Additional Comments/Comentarios Adicionales:

RECEIVED

OCT 17 2024

AT PUBLIC MEETING

Comentario público:

Corporación de Tecnologías de Exploración Espacial.

Intención de obtener un permiso de calidad del agua y

Aviso de Solicitud y Decisión Preliminar para el Permiso TPDES para Aguas Residuales Industriales

Permiso No. WQ0005462000

NAME/NOMBRE: Sergio Sanchez

ADDRESS/DIRECCIÓN: 2306 Gregory

PHONE NUMBER/TELÉFONO*: 956-408-8477

EMAIL/CORREO ELECTRONICO*: LSanchez@borderwatersunited.com

AGE/EDAD*: 54

RACE/RAZA*: hispanic

*Opcional

Comentario público:

I am opposed to the issuance of the following permits for SpaceX LLC: WQ0005462000

The SpaceX launch pad and Starbase facility emit unacceptable levels of pollutants that threaten Brownsville and Rio Grande Valley residents' health and well-being. Water pollutants also damage the sensitive wetland, salt marsh, and mudflat ecosystems of South Bay, Lower Rio Grande Valley Wildlife Refuge, and Boca Chica Beach, home to numerous endangered and threatened species, especially migratory birds. As a member of the surrounding community, I am directly impacted by SpaceX's wastewater pollution and activities. I request that TCEQ provide sufficient Spanish language interpretation and translation services at the hearing on October 17 to ensure that all participants' questions are answered. In addition, TCEQ and SpaceX staff must consult with the Carrizo/Comecrudo Tribe of Texas, the original Native people of this region, about this permit application and all SpaceX activities at the Boca Chica Beach site.

Me opongo a la emisión de los siguientes permisos a favor de SpaceX LLC: WQ0005462000

La plataforma de lanzamiento de SpaceX y las instalaciones de Starbase emiten niveles inaceptables de contaminantes que amenazan la salud y el bienestar de los residentes de Brownsville y el Valle del Río Grande. Los contaminantes del agua también dañan los sensibles ecosistemas de humedales, pantanos salinos y marisma de South Bay, el Refugio de Vida Silvestre del Valle Bajo del Río Grande y la Playa de Boca Chica, hogar de numerosas especies amenazadas y en peligro de extinción, especialmente aves migratorias. Me afecta directamente la contaminación de las aguas residuales y las actividades de SpaceX. Solicito que TCEQ brinde además servicios de interpretación y traducción al idioma español en la audiencia del 17 de octubre. Además, el personal de TCEQ y SpaceX debe consultar con la Tribu Carrizo/Comecrudo de Texas, el pueblo nativo original de esta región, sobre esta solicitud de permiso y todas las actividades de SpaceX en el sitio de Boca Chica Beach.

Additional Comments/Comentarios Adicionales:

Signature/Firma: _____
Fecha: _____

Fecha: _____

Additional Comments/Comentarios Adicionales:

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Thursday, October 10, 2024 2:44 PM
To: PUBCOMMENT-OCC2; PUBCOMMENT-OPIC; PUBCOMMENT-ELD; PUBCOMMENT-WQ
Subject: FW: Public comment on Permit Number WQ0005462000

Jesús Bárcena
Office of the Chief Clerk
Texas Commission on Environmental Quality
Office Phone: 512-239-3319

How is our customer service? Fill out our online customer satisfaction survey at:
www.tceq.texas.gov/customersurvey

From: madi.s44@att.net <madi.s44@att.net>
Sent: Wednesday, October 9, 2024 9:33 PM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER: 2024-1282-IWD-E

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: MRS Madeleine T Sandefur

EMAIL: madi.s44@att.net

COMPANY:

ADDRESS: 48 GOLF HOUSE RD
LAGUNA VISTA TX 78578-2662

PHONE: 9569434585

FAX:

COMMENTS: I am a Master Naturalist, passionate birder, sea turtle volunteer and resident of Laguna Vista, TX - a community a very short distance from the SpaceX port and project. I have had many occasions to visit South Bay, into which, I understand the deluge water is discharged. South Bay acts as a nursery for many aquatic species; it is the place where rehabbed sea turtles are released. It is home to thousands of shore birds, some of those are listed under the Endangered Species Act. I wish to submit the following comments regarding Permit #WQ0005462000: 1. It is IMPERATIVE that a new Environmental Impact Statement be prepared. In the original, 10-year old EIS, many of the questions went unanswered and much of the plan was speculative. The fueling system has changed, the size and type of rocket has changed and the use of a deluge system was not even a definite plan. What may seem an off-topic question, but in order to avoid this situation in the future, what is going on with the testing at the Massey site? How is the water surrounding that site (including the Rio Grande) being monitored? As the agency charged with guarding against pollution, it would behoove TCEQ to be proactive and follow the Clean Water Act rules before further degradation is done. 2. Why is TCEQ allowing SpaceX to continue operating the deluge water system during this permitting process, prior to permit approval, considering all the violations incurred thus far? TCEQ recently fined SpaceX for past violations of the Clean Water Act and yet is allowing the violations to continue prior to permit approval. Under what authority can TCEQ grant permissions to continue a federal offense? 3. What kind of baseline data has been collected? How can changes and damage to the wetland habitat be honestly assessed since there have already been noticeable changes to the area from the four launches and multiple (who knows how many?) tests of the deluge system. What will the monitoring protocols be going forward? How frequent and what testing and data collection will be done? 4. How will the public and scientists monitoring the area, including wildlife specialists working at the refuge and park service, access the data? Importantly, how is this affecting the micro- and macro- systems of the wetlands in the short term and in the long term? What will happen to the wildlife that is dependent on the wetland system as it becomes more and more degraded? 5. Who will be analyzing the toxicity of the deluge water (including its temperature) AFTER it is used for its purpose? It obviously is clean to begin with in order to protect the rockets, but the extreme conditions of a rocket launch clearly will change the quality of the water as it interacts with the components of the fuels and rocket components. 6. Please describe the amount of water that will be discharged (including with the addition of a second launch pad) and how it will be contained so that it does not dump into the wetlands/waters of the US. As the Texas agency on which Texas residents rely to keep us safe from contaminated waters and air, we are counting on you to do your duty! Thank you for the opportunity to comment.

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Monday, October 21, 2024 11:43 AM
To: PUBCOMMENT-WQ; PUBCOMMENT-ELD; PUBCOMMENT-OCC2; PUBCOMMENT-OPIC
Subject: FW: Public comment on Permit Number WQ0005462000

From: kennethsaxon1@gmail.com <kennethsaxon1@gmail.com>
Sent: Thursday, October 17, 2024 4:23 PM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER: 2024-1282-IWD-E

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: Kenneth N. Saxon

EMAIL: kennethsaxon1@gmail.com

COMPANY: UTRGV

ADDRESS: 170 DRAPER DR
BROWNSVILLE TX 78521-2804

PHONE: 8179174471

FAX:

COMMENTS: I have been to Boca Chica twice this summer. I observed damage and debris from rocket launches. It is a special and unique area that is meant to be a sanctuary for the wonderful natural world of South Texas. I went there hoping to experience these wonders and to experience this sanctuary, but instead, I found a polluted construction site. 1. This is not stormwater runoff. SpaceX will say that the water is potable. It is NOT potable after launch, and it degrades the water for its designated use of

aquatic and recreation. Neither the Draft Permit nor the proposed discharge from the deluge system will comply with the Texas Surface Water Quality Standards. The discharge will degrade water quality beyond a de minimis amount in violation of the Clean Water Act's anti-degradation policy. The discharge will also impair the existing uses - aquatic life uses and recreational uses - in the receiving waters. 2. It is utterly ludicrous to claim that there is any containment of these deluge waters. The deluge waters are being violently distributed over a huge area. The launch site is immediately against and amidst protected habitats and the deluge waters is discharging and recklessly damaging them. The proposed discharge and the nature of the discharge route has not been accurately characterized, nor is the wastewater generating process accurately described. The result is that not all pollutants have been properly identified and quantified, and the draft permit is not designed to regulate the discharges of all pollutants. 3. SpaceX is violently killing endangered species and the proposed discharge -- which is ALREADY being discharged -- would endanger, kill and maim them further. 4. The Applicant has a poor compliance history and has knowingly and intentionally violated the Clean Water Act on numerous occasions. They will continue to do so. TCEQ must act to stop these intentional violations. 5. The Application is both administratively and technically incomplete, and review was rushed. For these reasons and for many others, the public comment period should be extended. There is an insufficient number of effluent samples, and the samples are not representative. 6. The Draft Permit does not contain specific terms and conditions, and as a result, it is unenforceable and risks SpaceX evading compliance with the Clean Water Act and Texas Surface Water Quality Standards. 7. The Draft Permit does not include sufficient monitoring and reporting requirements, including operational requirements, to ensure compliance with the CWA and Texas Surface Water Quality Standards. I'm sure the Draft Permit was drafted by SpaceX. TCEQ needs to do their own work, and monitor this situation on behalf of Texans rather than on behalf of SpaceX. 8. The Draft Permit is not consistent with the goals and policies of the Texas Coastal Management Program. The SpaceX facility and this deluge system, as proposed, do not amount to protection or restoration of our Texas coastal communities or natural resources, nor can it be said to be responsible development.

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Monday, October 21, 2024 11:24 AM
To: PUBCOMMENT-WQ; PUBCOMMENT-ELD; PUBCOMMENT-OCC2; PUBCOMMENT-OPIC
Subject: FW: Public comment on Permit Number WQ0005462000

From: kennethsaxon1@gmail.com <kennethsaxon1@gmail.com>
Sent: Thursday, October 17, 2024 3:22 PM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER:

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: Kenneth N. Saxon

EMAIL: kennethsaxon1@gmail.com

COMPANY:

ADDRESS: 170 DRAPER DR
BROWNSVILLE TX 78521-2804

PHONE: 8179174471

FAX:

COMMENTS: I have been to Boca Chica twice this summer. I observed damage and debris from rocket launches. It is a special and unique area that is meant to be a sanctuary for the wonderful natural world of South Texas. I went there hoping to experience these wonders and to experience this sanctuary, but instead, I found a polluted construction site. 1. This is not stormwater runoff. SpaceX will say that the water is potable. It is NOT potable after launch, and it degrades the water for its designated use of

aquatic and recreation. Neither the Draft Permit nor the proposed discharge from the deluge system will comply with the Texas Surface Water Quality Standards. The discharge will degrade water quality beyond a de minimis amount in violation of the Clean Water Act's anti-degradation policy. The discharge will also impair the existing uses - aquatic life uses and recreational uses - in the receiving waters. 2. It is utterly ludicrous to claim that there is any containment of these deluge waters. The deluge waters are being violently distributed over a huge area. The launch site is immediately against and amidst protected habitats and the deluge waters is discharging and recklessly damaging them. The proposed discharge and the nature of the discharge route has not been accurately characterized, nor is the wastewater generating process accurately described. The result is that not all pollutants have been properly identified and quantified, and the draft permit is not designed to regulate the discharges of all pollutants. 3. SpaceX is violently killing endangered species and the proposed discharge -- which is ALREADY being discharged -- would endanger, kill and maim them further. 4. The Applicant has a poor compliance history and has knowingly and intentionally violated the Clean Water Act on numerous occasions. They will continue to do so. TCEQ must act to stop these intentional violations. 5. The Application is both administratively and technically incomplete, and review was rushed. For these reasons and for many others, the public comment period should be extended. There is an insufficient number of effluent samples, and the samples are not representative. 6. The Draft Permit does not contain specific terms and conditions, and as a result, it is unenforceable and risks SpaceX evading compliance with the Clean Water Act and Texas Surface Water Quality Standards. 7. The Draft Permit does not include sufficient monitoring and reporting requirements, including operational requirements, to ensure compliance with the CWA and Texas Surface Water Quality Standards. I'm sure the Draft Permit was drafted by SpaceX. TCEQ needs to do their own work, and monitor this situation on behalf of Texans rather than on behalf of SpaceX. 8. The Draft Permit is not consistent with the goals and policies of the Texas Coastal Management Program. The SpaceX facility and this deluge system, as proposed, do not amount to protection or restoration of our Texas coastal communities or natural resources, nor can it be said to be responsible development.

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Monday, October 14, 2024 9:04 AM
To: PUBCOMMENT-WQ; PUBCOMMENT-ELD; PUBCOMMENT-OCC2; PUBCOMMENT-OPIC
Subject: FW: Public comment on Permit Number WQ0005462000

From: alyssch@gmail.com <alyssch@gmail.com>
Sent: Sunday, October 13, 2024 2:25 PM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER:

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: Aly Schmidt

EMAIL: alyssch@gmail.com

COMPANY:

ADDRESS: 410 N 17TH ST
MCALLEN TX 78501-4747

PHONE: 9162018442

FAX:

COMMENTS: SpaceX has been out of compliance with environmental regulations for quite some time, they should not be eligible to get a permit to operate. TCEQ must follow rules for everyone, not give a billionaire monorail salesman a free pass to ruin our precious land and natural resources. I have visited Boca Chica beach many times, it is a beautiful precious oasis of unspoiled land and clean beaches,

other than the SpaceX buildings and launch site which were allowed to be built there, no doubt due to corruption. I am opposed to the issuance of the following permits for SpaceX LLC: WQ0005462000

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Monday, October 14, 2024 8:59 AM
To: PUBCOMMENT-WQ; PUBCOMMENT-ELD; PUBCOMMENT-OCC2; PUBCOMMENT-OPIC
Subject: FW: Public comment on Permit Number WQ0005462000

Associate to the permit item only.

From: msch@austin.rr.com <msch@austin.rr.com>
Sent: Monday, October 14, 2024 2:10 AM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER: 2024-1282-IWD-E

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: Margaret Schulenberg

EMAIL: msch@austin.rr.com

COMPANY:

ADDRESS: 300 PECAN LN
ROUND ROCK TX 78664-4529

PHONE: 5129927851

FAX:

COMMENTS: I oppose permit WQ0005462000. The SpaceX launch site at Boca Chica has repeatedly destroyed habitat at Boca Chica, including including Boca Chica Beach State Park, the Lower Rio Grande Valley Wildlife Refuge, and the Laguna Atascosa Wildlife Refuge. Fires, explosions, and debris, as well as noise pollution, have impacted endangered species and protected migratory birds. The blasts can be felt far away, endangering people's homes and even the Port Isabel Lighthouse. SpaceX routinely closes

public beach access to the community, violating the Texas Open Beaches Act. Now SpaceX wants to dump polluted water on Boca Chica Beach and surrounding lands. Reject permit WQ0005462000.

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Monday, October 14, 2024 9:00 AM
To: PUBCOMMENT-WQ; PUBCOMMENT-ELD; PUBCOMMENT-OCC2; PUBCOMMENT-OPIC
Subject: FW: Public comment on Permit Number WQ0005462000

From: msch@austin.rr.com <msch@austin.rr.com>
Sent: Monday, October 14, 2024 2:07 AM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER:

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: Margaret Schulenberg

EMAIL: msch@austin.rr.com

COMPANY:

ADDRESS: 300 PECAN LN
ROUND ROCK TX 78664-4529

PHONE: 5129927851

FAX:

COMMENTS: I oppose permit WQ0005462000. The SpaceX launch site at Boca Chica has repeatedly destroyed habitat at Boca Chica, including including Boca Chica Beach State Park, the Lower Rio Grande Valley Wildlife Refuge, and the Laguna Atascosa Wildlife Refuge. Fires, explosions, and debris, as well as noise pollution, have impacted endangered species and protected migratory birds. The blasts can be felt far away, endangering people's homes and even the Port Isabel Lighthouse. SpaceX routinely closes

public beach access to the community, violating the Texas Open Beaches Act. Now SpaceX wants to dump polluted water on Boca Chica Beach and surrounding lands. Reject permit WQ0005462000.

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Monday, October 21, 2024 6:17 PM
To: PUBCOMMENT-OCC2; PUBCOMMENT-OPIC; PUBCOMMENT-ELD; PUBCOMMENT-WQ
Subject: FW: Public comment on Permit Number WQ0005462000

Jesús Bárcena
Office of the Chief Clerk
Texas Commission on Environmental Quality
Office Phone: 512-239-3319

How is our customer service? Fill out our online customer satisfaction survey at:
www.tceq.texas.gov/customersurvey

From: KSinLA@aol.com <KSinLA@aol.com>
Sent: Friday, October 18, 2024 1:53 PM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER:

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: JOHN KERRY SCHWARTZ

EMAIL: KSinLA@aol.com

COMPANY:

ADDRESS: 700 PADRE BLVD STE A
SOUTH PADRE ISLAND TX 78597-6652

PHONE: 9564336227

FAX:

COMMENTS: I am opposed to the issuance of permits for SpaceX LLC: WQ0005462000 Emmitting unacceptable levels of pollutants or waste water into the Laguna Madre will disrupt a very critcal habitat and threaten our health, pollute our waters and damage the senstve wetlands. Sincerely Kerry Schwartz South Padre Island City Councilman

RECEIVED
OCT 17 2024
AT PUBLIC MEETING

Comentario público:

Corporación de Tecnologías de Exploración Espacial.

Intención de obtener un permiso de calidad del agua y

Aviso de Solicitud y Decisión Preliminar para el Permiso TPDES para Aguas Residuales Industriales

Permiso No. WQ0005462000

NAME/NOMBRE:

ADDRESS/DIRECCIÓN:

PHONE NUMBER/TELÉFONO*:

EMAIL/CORREO ELECTRONICO*:

AGE/EDAD*:

RACE/RAZA*

*Opcional

Comentario público:

I am opposed to the issuance of the following permits for SpaceX LLC: WQ0005462000

The SpaceX launch pad and Starbase facility emit unacceptable levels of pollutants that threaten Brownsville and Rio Grande Valley residents' health and well-being. Water pollutants also damage the sensitive wetland, salt marsh, and mudflat ecosystems of South Bay, Lower Rio Grande Valley Wildlife Refuge, and Boca Chica Beach, home to numerous endangered and threatened species, especially migratory birds. As a member of the surrounding community, I am directly impacted by SpaceX's wastewater pollution and activities. I request that TCEQ provide sufficient Spanish language interpretation and translation services at the hearing on October 17 to ensure that all participants' questions are answered. In addition, TCEQ and SpaceX staff must consult with the Carrizo/Comecrudo Tribe of Texas, the original Native people of this region, about this permit application and all SpaceX activities at the Boca Chica Beach site.

Me opongo a la emisión de los siguientes permisos a favor de SpaceX LLC: WQ0005462000

La plataforma de lanzamiento de SpaceX y las instalaciones de Starbase emiten niveles inaceptables de contaminantes que amenazan la salud y el bienestar de los residentes de Brownsville y el Valle del Río Grande. Los contaminantes del agua también dañan los sensibles ecosistemas de humedales, pantanos salinos y marisma de South Bay, el Refugio de Vida Silvestre del Valle Bajo del Río Grande y la Playa de Boca Chica, hogar de numerosas especies amenazadas y en peligro de extinción, especialmente aves migratorias. Me afecta directamente la contaminación de las aguas residuales y las actividades de SpaceX. Solicito que TCEQ brinde además servicios de interpretación y traducción al idioma español en la audiencia del 17 de octubre. Además, el personal de TCEQ y SpaceX debe consultar con la Tribu Carrizo/Comecrudo de Texas, el pueblo nativo original de esta región, sobre esta solicitud de permiso y todas las actividades de SpaceX en el sitio de Boca Chica Beach.

Additional Comments/Comentarios Adicionales:

Signature/Firma: Jaime Escobar
Fecha: 10/19/17

Signature/Firma: Jaime Escobar
Fecha: 10/19/17

Signature/Firma: Jaime Escobar
Fecha: 10/19/17

RECEIVED
OCT 17 2024
AT PUBLIC MEETING

Comentario público:

Corporación de Tecnologías de Exploración Espacial.

Intención de obtener un permiso de calidad del agua y

Aviso de Solicitud y Decisión Preliminar para el Permiso TPDES para Aguas Residuales Industriales

Permiso No. WQ0005462000

NAME/NOMBRE:

ADDRESS/DIRECCIÓN:

PHONE NUMBER/TELÉFONO*:

EMAIL/CORREO ELECTRONICO*:

AGE/EDAD*:

RACE/RAZA *

*Opcional

Comentario público:

I am opposed to the issuance of the following permits for SpaceX LLC: WQ0005462000


The SpaceX launch pad and Starbase facility emit unacceptable levels of pollutants that threaten Brownsville and Rio Grande Valley residents' health and well-being. Water pollutants also damage the sensitive wetland, salt marsh, and mudflat ecosystems of South Bay, Lower Rio Grande Valley Wildlife Refuge, and Boca Chica Beach, home to numerous endangered and threatened species, especially migratory birds. As a member of the surrounding community, I am directly impacted by SpaceX's wastewater pollution and activities. I request that TCEQ provide sufficient Spanish language interpretation and translation services at the hearing on October 17 to ensure that all participants' questions are answered. In addition, TCEQ and SpaceX staff must consult with the Carrizo/Comecrudo Tribe of Texas, the original Native people of this region, about this permit application and all SpaceX activities at the Boca Chica Beach site.

Me opongo a la emisión de los siguientes permisos a favor de SpaceX LLC: WQ0005462000

La plataforma de lanzamiento de SpaceX y las instalaciones de Starbase emiten niveles inaceptables de contaminantes que amenazan la salud y el bienestar de los residentes de Brownsville y el Valle del Río Grande. Los contaminantes del agua también dañan los sensibles ecosistemas de humedales, pantanos salinos y marisma de South Bay, el Refugio de Vida Silvestre del Valle Bajo del Río Grande y la Playa de Boca Chica, hogar de numerosas especies amenazadas y en peligro de extinción, especialmente aves migratorias. Me afecta directamente la contaminación de las aguas residuales y las actividades de SpaceX. Solicito que TCEQ brinde además servicios de interpretación y traducción al idioma español en la audiencia del 17 de octubre. Además, el personal de TCEQ y SpaceX debe consultar con la Tribu Carrizo/Comecrudo de Texas, el pueblo nativo original de esta región, sobre esta solicitud de permiso y todas las actividades de SpaceX en el sitio de Boca Chica Beach.

Additional Comments/Comentarios Adicionales:

[illegible]

Signature/Firma: 

Fecha: _____

Additional Comments/Comentarios Adicionales:

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Monday, October 21, 2024 10:02 AM
To: PUBCOMMENT-WQ; PUBCOMMENT-ELD; PUBCOMMENT-OCC2; PUBCOMMENT-OPIC
Subject: FW: Public comment on Permit Number WQ0005462000

From: masikora@umich.edu <masikora@umich.edu>
Sent: Thursday, October 17, 2024 10:39 AM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER: 2024-1282-IWD-E

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: Magdalena Sikora

EMAIL: masikora@umich.edu

COMPANY:

ADDRESS: 440 E IRVIN AVE
STATE COLLEGE PA 16801-6601

PHONE: 8144410723

FAX:

COMMENTS: I am very concerned to hear that SpaceX was operating its shuttle launch without appropriate permitting, as contaminated deluge water has flowed into the surrounding tidal flats. My question is why TCEQ has allowed SpaceX to operate during the permitting process and prior to approval? Why didn't they enforce a strict pause until the proper testing and approval was in place? This is in violation of the Clean Water Act; moreover, it is a travesty to the shorebirds dependent on this land

for their survival. It is their home and I ask That TCEQ strictly ensure its protection as precious ecosystems all over the world are facing greater and greater stress from human activity. I ask TCEQ to ensure SpaceX is not violating the Clean Water Act. I ask: what kind of monitoring protocols will be put in place to ensure this? Will they be thorough and frequent? Will scientists and wildlife specialists have access to the results and opportunity to provide feedback? We must understand how the deluge water affects the wetlands and ensure its health is protected.

000005462000

From: Darryll Silva
To: waterquality@tceq.texas.gov; [Info; commissioner@tceq.texas.gov](mailto:Info@commissioner@tceq.texas.gov); waterquality@tceq.texas.gov
Subject: Inadequate Penalty for SpaceX Wastewater Mishandling
Date: Friday, August 30, 2024 12:22:40 PM

Dear TCEQ,

I am writing to express my deep concern regarding the recent fine levied on SpaceX for mishandling wastewater. While I appreciate the efforts of the TCEQ to hold businesses accountable for their environmental practices, the size of the fine imposed on SpaceX appears disproportionately small given the potential environmental impact of their actions.

Fines that are minor in comparison to a company's financial capabilities do little to deter future violations and send a message that paying a penalty is just a cost of doing business. This is particularly troubling when such actions directly affect the quality of life for Texans, who expect and deserve clean water and a safe environment. Moreover, the mishandling of wastewater does not only impact Texas but also has the potential to affect neighboring states connected by our waterways. Pollution can spread far beyond its original point, carrying harmful consequences for ecosystems and communities far downstream.

By imposing fines that are insufficient to change behavior, we risk setting a precedent that allows companies to simply pay away their environmental misdeeds. This approach undermines the health and safety of our communities, damages public trust, and diminishes the overall effectiveness of environmental regulations designed to protect us all.

I urge the TCEQ to reconsider the penalties imposed on companies like SpaceX and to establish fines that genuinely reflect the seriousness of environmental violations. We need stronger deterrents to ensure that businesses take their environmental responsibilities seriously and prioritize the well-being of all Texans and our neighbors.

Thank you for your attention to this critical matter. I hope the TCEQ will take stronger actions in the future to protect our environment and our communities.

Sincerely,
Darryll Silva



Juliet Varra

From: Velma.Villarreal@tceq.texas.gov
Sent: Friday, September 6, 2024 2:34 PM
To: EFiling
Subject: Filing on Permit Number/Docket Number 2024-1282-IWD-E
Attachments: Public Comment - Daryll Silva_Redacted.pdf

FILING CONFIRMATION NUMBER 660524492024250

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER: 2024-1282-IWD-E

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP, CN602867657

FROM

FILED BY:

FILED FOR NAME: Velma Villarreal

E-MAIL: Velma.Villarreal@tceq.texas.gov

PHONE: 512-239-2554

DOCUMENT NAME: Public Comment - Daryll Silva_Redacted.pdf

Based on 30 TAC Section 1.10(h), the TCEQ General Counsel has waived the filing requirements of Section 1.10(c) to allow the filing of documents using this online system. The General Counsel also has waived the requirements of Section 1.10(e) so that the time of filing your documents is the time this online system receives your filings. Filings are considered timely if received by close of business (usually 5:00 p.m. CST) on the deadline date unless otherwise ordered. If your document is 20 pages or less (including cover letter, mailing list, and attachments) and it is for Commission consideration at an open meeting, the General Counsel has also waived the requirement of Section 1.10(d) to file paper copies with the Office of the Chief Clerk.

Vincent Redondo

From: PUBCOMMENT-OCC
Sent: Friday, November 1, 2024 4:51 PM
To: PUBCOMMENT-WQ; PUBCOMMENT-ELD; PUBCOMMENT-OCC2; PUBCOMMENT-OPIC
Subject: FW: Public comment on Permit Number WQ0005462000

From: Christinasimpson095@gmail.com <Christinasimpson095@gmail.com>
Sent: Friday, November 1, 2024 10:47 AM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER: 2024-1282-IWD-E

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: Christina Simpson

EMAIL: Christinasimpson095@gmail.com

COMPANY:

ADDRESS: 801 LIVE OAK ST
PLEASANTON TX 78064-3017

PHONE: 2108789125

FAX:

COMMENTS: I am opposed to the issuance of the following permits for SpaceX LLC: WQ0005462000. This permit will allow corporations to continue operating at levels that only increase the issue of global warming by producing alarming levels of pollutants that are being released into our oceans. It is often failed to realize that the release of these pollutants come back to our community in our food, in our soil, in our water and in our air. The community is begging for you to notice these issues and address them

before they become a larger, more taxing issue. You have the power to stop it before it begins on a much larger scale. Take care of your community.

Vincent Redondo

From: PUBCOMMENT-OCC
Sent: Friday, November 1, 2024 4:50 PM
To: PUBCOMMENT-WQ; PUBCOMMENT-ELD; PUBCOMMENT-OCC2; PUBCOMMENT-OPIC
Subject: FW: Public comment on Permit Number WQ0005462000

From: christinasimpson095@gmail.com <christinasimpson095@gmail.com>
Sent: Friday, November 1, 2024 10:38 AM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER:

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: Christina Simpson

EMAIL: christinasimpson095@gmail.com

COMPANY:

ADDRESS: 801 LIVE OAK ST
PLEASANTON TX 78064-3017

PHONE: 2108789125

FAX:

COMMENTS: am opposed to the issuance of the following permits for SpaceX LLC:
WQ0005462000. The SpaceX launch pad and Starbase facility emit unacceptable levels of pollutants that threaten Brownsville and Rio Grande Valley residents' health and well-being. Water pollutants also damage the sensitive wetland, salt marsh, and mudflat ecosystems of South Bay, Lower Rio Grande Valley Wildlife Refuge, and Boca Chica Beach, home to numerous endangered

and ^{sep}threatened species, especially migratory birds. By allowing such corporations begin polluting our waters at such high levels, it sends a message to the community that money is the most important issue. Not the communities health. Not the communities families. We must protect our lands and waters so that it may still be safe for generations to come. The fragile ecosystem that dwell under the water may never recover. And if there is a chance at recovery, it would then be more money to put those recovery practices into place. Why not stop it before it begins? Tell space x to find another way. Elon Musk may want to go to Mars, but Earth is out home now.

TEXAS
COMMISSION
ON ENVIRONMENTAL
QUALITY

Office of the Chief Clerk
MC 105
TCEQ
P.O. Box 13087
Austin, TX 78711-3087

Reviewed By Gow

NOV 08 2024

2024 NOV -8 AM 10:14

CHIEF CLERKS OFFICE

In Regards to and in Support of: TPDES Permit No. WQ0005462000

The permit seeks to dispose of wastewater produced by the Starbase Launch Site Deluge system, which is essential for operations. The water being discharged is treated beforehand pursuant to TCEQ and EPA regulations due to its mixture with acids, fuel, and exhaust plume residue.

At the end of the cleaning processes, the water is just as clean or cleaner than any water flowing into storm drains from concrete-built structural improvements, and into river streams.

The moniker, "industrial wastewater," which was coined by a series of environmentalists who didn't understand industry is an inaccurate manner of describing the discharges, industrial wastewater is any water that is produced as a result of an industrial operation, without account for measures taken to ensure its being fit for release.

When many of the individuals opposed to this permit, who likewise don't understand industry, submitted their comments, they construed the inaccurate moniker, "industrial wastewater," to raw sewage, and rocket fuel. Which is totally inaccurate.

If SpaceX operated with the carelessness of NASA, there would be 9-headed fish swimming around the launch site, similar to the environment NASA has transformed Point NEMO into.

In addition, a large part of the water discharged by the deluge cooling system evaporates due to the heat of the exhaust plume.

It would be preposterous to sue, charge a fine or fee, or to have someone subject to regulatory scrutiny based on the fact that water ran over a concrete surface, and when a company like SpaceX is treating the water to the extent they are, and actively improving water quality through their treatment processes, a denial would only serve as a nuisance to the advancement of Space Flight, and the local wildlife would see no real benefit.

Thanks,

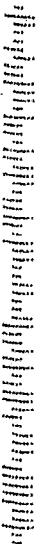
Ian Small

Ian Small
1790 Fiddlers Ridge Drive
Fleming Island, FL 32003-7467
ianmsmall158@gmail.com

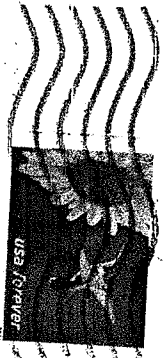
Law Small
1790 Fiddlers Ridge Drive
Fleming Island, FL 32003-7967

Office of the Chief Clerk
MC 105
TLEQ
P.O. Box 13087
Austin, TX 78711-3087

78711-308787



JACKSONVILLE FL 320
5 NOV 2024 PM 1 L



CHIEF CLERKS OFFICE

2024 NOV -8 AM 10:14

TEXAS
COMMISSION
ON ENVIRONMENTAL
QUALITY

RECEIVED

NOV 08 2024

TOCQ MAIL CENTER
DA

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Monday, October 21, 2024 11:20 AM
To: PUBCOMMENT-WQ; PUBCOMMENT-ELD; PUBCOMMENT-OCC2; PUBCOMMENT-OPIC
Subject: FW: Public comment on Permit Number WQ0005462000

From: molly.smith24@gmail.com <molly.smith24@gmail.com>
Sent: Thursday, October 17, 2024 2:31 PM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER:

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: Molly Elizabeth Smith

EMAIL: molly.smith24@gmail.com

COMPANY:

ADDRESS: 5604 SOUTHWEST PKWY 3924
AUSTIN TX 78735-6222

PHONE: 7033958590

FAX:

COMMENTS: Thank you for the opportunity to ask questions and comment on actions regarding the environmental impacts of the deluge system used in rocket launches at Boca Chica. Instead of granting this permit, a new Environmental Impact Statement should be required since the original from 10 years ago describes a very different (and speculative) operation. The original PEA actually stated, 'If surface water discharge were required, SpaceX would apply for a TCEQ Texas Pollutant Discharge Elimination

System (TPDES) permit prior to the discharge event.” When the attempt to not use deluge water resulted in a launchpad-destroying explosion it was admitted that, just as with most rocket launches, a deluge water system would be required. However, the permit was not applied for, nor approved before more launches were executed. Even as complaints were filed with TCEQ regarding the very hot and toxic waters going directly into the wetlands surrounding the launch site, the launches continued. This problem is compounded by the lack of baseline data collected prior to any disruption. Therefore, we really don’t know the true extent of the changes in the wetlands. We do know that the macro- and microorganisms that live in and depend on that unique ecosystem are sensitive to the drastic changes that the deluge water brings. Under the Clean Water Act, wetlands of the US are supposed to be protected. The damage has already begun, but the question remains: what is the monitoring system? Where are the locations of the monitored sites? How often is the data collected, regardless of the launch frequency? Where can the data be found? Without daily monitoring, how can an honest assessment be made? The cleanliness of the water prior to the launch has nothing to do with the quality (including the temperature) of the discharged water during and after a launch. Though not directly related to this site-specific permit application, there is another site that needs to be investigated so that these water protection issues can be addressed now, instead of after years of requests for transparent information. Much rocket testing is done at the more secluded Massey site. What monitoring is being done of the water discharges during those tests, including potential discharges into the Rio Grande? Where can that data be found? It is telling to review the 3/4/2021 USACE Public Notice for Permit Application #SWG-2013-00381. It outlines a history of changes in plans, including changes in jurisdiction (USFWS to Texas Parks and Wildlife, for example) and vague descriptions of which entities are responsible for determining aspects of environmental protections, including the wetlands in question today. As agencies seem to trade responsibilities for the protection of the wetlands, it is now up to TCEQ to enforce the Clean Water Act and protect the wetlands and all that depend on them at Boca Chica. Until more specific information is provided on the quantity and quality of the hazardous industrial wastewater of these discharges, this permit should be denied.

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Monday, October 21, 2024 11:55 AM
To: PUBCOMMENT-WQ; PUBCOMMENT-ELD; PUBCOMMENT-OCC2; PUBCOMMENT-OPIC
Subject: FW: Public comment on Permit Number WQ0005462000

From: julianna.sosa@gmail.com <julianna.sosa@gmail.com>
Sent: Thursday, October 17, 2024 7:41 PM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER:

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: Julianna A. Sosa

EMAIL: julianna.sosa@gmail.com

COMPANY:

ADDRESS: 3 CROWNRIDGE DR
BROWNSVILLE TX 78521-4341

PHONE: 9564339209

FAX:

COMMENTS: am opposed to the issuance of the following permits for SpaceX LLC: WQ0005462000 The SpaceX launch pad and Starbase facility emit unacceptable levels of pollutants that threaten Brownsville and Rio Grande Valley residents' health and well-being. Water pollutants also damage the sensitive wetland, salt marsh, and mudflat ecosystems of South Bay, Lower Rio Grande Valley Wildlife Refuge, and Boca Chica Beach, home to numerous endangered and threatened species, especially migratory

birds. As a member of the surrounding community, I am directly impacted by SpaceX's wastewater pollution and activities. I request that TCEQ provide sufficient Spanish language interpretation and translation services at the hearing on October 17 to ensure that all participants' questions are answered. In addition, TCEQ and SpaceX staff must consult with the Carrizo/Comecrudo Tribe of Texas, the original Native people of this region, about this permit application and all SpaceX activities at the Boca Chica Beach site.

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Monday, October 14, 2024 5:56 PM
To: PUBCOMMENT-OCC2; PUBCOMMENT-OPIC; PUBCOMMENT-ELD; PUBCOMMENT-WQ
Subject: FW: Public comment on Permit Number WQ0005462000

Jesús Bárcena
Office of the Chief Clerk
Texas Commission on Environmental Quality
Office Phone: 512-239-3319

How is our customer service? Fill out our online customer satisfaction survey at:
www.tceq.texas.gov/customersurvey

From: lorrainestehn1@gmail.com <lorrainestehn1@gmail.com>
Sent: Monday, October 14, 2024 2:10 PM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER: 2024-1282-IWD-E

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: DR. Lorraine Strelnick Stehn

EMAIL: lorrainestehn1@gmail.com

COMPANY: Retired family physician

ADDRESS: 1509 ULEX AVE
MCALLEN TX 78504-3650

PHONE: 3617906821

FAX:

COMMENTS: We own a condo on South Padre Island. I am opposed to the following permits for SpaceX LLC: WQ0005462000. The Space X launch pad and Starbase facility emit unacceptable levels of pollutants that threaten Brownsville and Rio Grande Valley Residents' health and well-being. Water pollutants also damage the sensitive wetland, salt marsh, and mudflat ecosystems of South Bay, Lower Rio Grande Valley Wildlife Refuge and the Boca Chica Beach, home to numerous endangered and threatened species, especially migratory birds. As a member of the surrounding community I am directly impacted by SpaceX's wastewater pollution and activities.

Marielle Bascon

From: PUBCOMMENT-OCC
Sent: Thursday, July 25, 2024 9:06 PM
To: PUBCOMMENT-OCC2; PUBCOMMENT-OPIC; PUBCOMMENT-ELD; PUBCOMMENT-WQ
Subject: FW: Public comment on Permit Number WQ0005462000

Jesús Bárcena
Office of the Chief Clerk
Texas Commission on Environmental Quality
Office Phone: 512-239-3319

How is our customer service? Fill out our online customer satisfaction survey at:
www.tceq.texas.gov/customersurvey

From: almastutzner@me.com <almastutzner@me.com>
Sent: Thursday, July 25, 2024 7:33 PM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER:

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: Alma Stützner

EMAIL: almastutzner@me.com

COMPANY:

ADDRESS: 2901 LINDA VISTA ST APT C
EDINBURG TX 78542-3271

PHONE: 9563698221

FAX:

COMMENTS: I dont agree with their permit request. We need to take care of our ecosystem and specially when its so close to our island

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Wednesday, October 16, 2024 5:26 PM
To: PUBCOMMENT-OCC2; PUBCOMMENT-OPIC; PUBCOMMENT-ELD; PUBCOMMENT-WQ
Subject: FW: Public comment on Permit Number WQ0005462000

Jesús Bárcena
Office of the Chief Clerk
Texas Commission on Environmental Quality
Office Phone: 512-239-3319

How is our customer service? Fill out our online customer satisfaction survey at:
www.tceq.texas.gov/customersurvey

From: sheyla.suarez@cleanmiamibeach.org <sheyla.suarez@cleanmiamibeach.org>
Sent: Wednesday, October 16, 2024 2:29 PM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER:

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: MRS Sheyla Suarez

EMAIL: sheyla.suarez@cleanmiamibeach.org

COMPANY: Clean miami beach

ADDRESS: 6874 SW 158TH PASS
MIAMI FL 33193-3613

PHONE: 7868042591

FAX:

COMMENTS: I oppose Permit number WQ0005462000 For SpaceX to dump polluted water into Boca Chica Beach. This not only affects our huge ecosystem, but all of us on this planet!

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Wednesday, October 16, 2024 2:46 PM
To: PUBCOMMENT-WQ; PUBCOMMENT-ELD; PUBCOMMENT-OCC2; PUBCOMMENT-OPIC
Subject: FW: Public comment on Permit Number WQ0005462000

From: rtaylor100@sbcglobal.net <rtaylor100@sbcglobal.net>
Sent: Tuesday, October 15, 2024 5:34 PM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTITY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER:

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: Rob Taylor

EMAIL: rtaylor100@sbcglobal.net

COMPANY:

ADDRESS: 142 APPALOOSA Room B
JARRELL TX 76537-1449

PHONE: 4154126227

FAX:

COMMENTS: After talking to and observing SpaceX employees, I support their effort at Boca Chica Village and support their factory and related activities.

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Thursday, August 8, 2024 2:31 PM
To: PUBCOMMENT-OCC2; PUBCOMMENT-OPIC; PUBCOMMENT-ELD; PUBCOMMENT-WQ
Subject: FW: Public comment on Permit Number WQ0005462000
Attachments: Teague commentsWQ00054620001.pdf

Jesús Bárcena
Office of the Chief Clerk
Texas Commission on Environmental Quality
Office Phone: 512-239-3319

How is our customer service? Fill out our online customer satisfaction survey at:
www.tceq.texas.gov/customersurvey

From: kgteague@sbcglobal.net <kgteague@sbcglobal.net>
Sent: Thursday, August 8, 2024 12:29 PM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER: 2024-1282-IWD-E

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: Kenneth G Teague

EMAIL: kgteague@sbcglobal.net

COMPANY:

ADDRESS: 2918 RANCH ROAD 620 N #236
AUSTIN TX 78734-2258

PHONE: 2142024988

FAX:

COMMENTS: See attached comments.

August 8, 2024

Office of the Chief Clerk, MC 105
TCEQ
PO Box 13087
Austin, TX 78711-3087

Dear Sir/Ms:

As you are aware, Space Exploration Technologies Corp., 1 Rocket Road, Brownsville, Texas 78521, which owns a rocket launch site, has applied to the Texas Commission on Environmental Quality (TCEQ) for proposed Texas Pollutant Discharge Elimination System (TPDES) Permit No. WQ0005462000 (EPA I.D. No. TX0146251) to authorize the discharge of non-process deluge system water at an intermittent and flow-variable volume via Outfalls 001 and 002.

I have reviewed the application and I have the following comments:

- It appears that SpaceX clearly knew that they were legally obligated to apply for an industrial wastewater permit to discharge deluge water, yet they continued to discharge wastewater without authorization. Therefore, I recommend TCEQ initiate enforcement action against SpaceX. Evidence in support of the fact that SpaceX knew it was required to apply for a permit includes the following:
 - The senior person signing the application for SpaceX was, until recently, an employee of TCEQ in the local Brownsville, TX office. She was probably responsible for compliance inspections:
 - Prefix: Mrs. Full Name (Last/First Name): Wood/Carolyn Title: Sr Environmental Regulatory Engineer Organization Name: SpaceX Mailing Address: 1 Rocket Rd. City/State/Zip: Brownsville/TX/78521 Phone No: (323) 537-0071 Email: Carolyn.wood@spacex.com
 - The fact that she was a TCEQ employee recently, is actually disclosed in the application.
 - If she ever worked on SpaceX while at TCEQ, doing this would almost certainly be unethical, if not unlawful.
- SpaceX, and possibly TCEQ, have classified this discharge as “stormwater”. I do not think this is correct, and I think it may be intended to avoid the appropriate regulation.
 - Effluent from the deluge water is not stormwater. Classifying the effluent as stormwater seems inappropriate, and contrary to the intent of the Clean Water Act.
- The application required SpaceX to specify a range of effluent discharges, but SpaceX just left it blank. This is a major factor in any wastewater discharge permit. I certainly hope TCEQ will assign a flow limit to SpaceX in their permit. If not, any permit may as well be a “blank check”. If you allow unlimited discharge, by definition, there will be no controls on the pollutant load to the environment, and thus no environmental protection. Deluge water is not stormwater.

- The applicant is required to provide TCEQ with a map showing the movement of proposed effluent downstream. SpaceX provided a map with lines and arrows showing how the effluent will move “downstream” on the wind tidal flats. However, I could find no explanation. It is almost certainly based on SpaceX staff “professional judgement”. In my opinion, this is not adequate. Given there are no obvious channels in this wind tidal flat (not mud flat, as per SpaceX), SpaceX staff’s visual approximation seems inadequate for this purpose. Either an analysis of aerial photography during periods of high water levels in this area, hydrodynamic simulations, or actual measurements of dye transport during high water levels, would seem more appropriate to define where pollutants would likely be transported.
- The application also appears to reflect an explicit intent to avoid classifying the effluent as cooling water. While deluge water for rocket launches may not technically be “cooling water”, that is partly its function, right? I recommend that TCEQ research how the State of Florida has classified deluge water discharges in their wastewater discharge permits, and take a similar approach.
- It would seem that deluge water has the potential to load hot water onto the wind tidal flats, with significant impacts to the benthic community locally. I see no effort to evaluate this risk, much less to regulate it. Again, I recommend that TCEQ research how the State of Florida has regulated the discharge of excess heat in deluge water discharges in their wastewater discharge permits, and take a similar approach.
- Data is provided for only one of the two effluent discharges proposed. I suppose this data can be assumed to be representative of both?
- In reviewing the results of chemical analysis of the deluge water, I found one, and possibly up to four pollutants of concern. The most obvious concern, is for mercury. In the application, under Item 2- Specific Testing Requirements, in Table 1, for outfall 001, the total mercury concentration is given as 113 ug/L. The TCEQ mercury water quality criteria are: 2.1 ug/L for acute aquatic toxicity, 1.1 ug/L for chronic aquatic toxicity, and 0.025 ug/L for human health. These are very large exceedances of the mercury water quality criteria.
- Other concerns based on this data include copper, zinc, and ammonia. Like mercury, copper and zinc concentrations exceeded their aquatic health water quality criteria, but unlike for mercury, these criteria are specifically based on dissolved concentrations, rather than total, so that the data provided can't really be compared to the actual water quality criteria. Determining whether ammonia concentrations meet water quality criteria is complex, involving not just ammonia concentration, but also pH and temperature. TCEQ must determine whether water quality criteria for copper, zinc, and ammonia were exceeded in the samples of deluge water. If so, TCEQ must ensure that any permit includes limits that will ensure that water quality criteria in the receiving environment, for copper, zinc, and ammonia, will be met.

Sincerely,
 Kenneth G. Teague, PWS (emeritus), Senior Certified Ecologist
 Austin, TX

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Thursday, August 8, 2024 2:31 PM
To: PUBCOMMENT-OCC2; PUBCOMMENT-OPIC; PUBCOMMENT-ELD; PUBCOMMENT-WQ
Subject: FW: Public comment on Permit Number WQ0005462000
Attachments: Teague commentsWQ00054620001.pdf

Jesús Bárcena
Office of the Chief Clerk
Texas Commission on Environmental Quality
Office Phone: 512-239-3319

How is our customer service? Fill out our online customer satisfaction survey at:
www.tceq.texas.gov/customersurvey

From: kgteague@sbcglobal.net <kgteague@sbcglobal.net>
Sent: Thursday, August 8, 2024 12:33 PM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER:

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: Kenneth G Teague

EMAIL: kgteague@sbcglobal.net

COMPANY:

ADDRESS: 2918 RANCH ROAD 620 N #236
AUSTIN TX 78734-2258

PHONE: 2142024988

FAX:

COMMENTS: See attached comments.

August 8, 2024

Office of the Chief Clerk, MC 105
TCEQ
PO Box 13087
Austin, TX 78711-3087

Dear Sir/Ms:

As you are aware, Space Exploration Technologies Corp., 1 Rocket Road, Brownsville, Texas 78521, which owns a rocket launch site, has applied to the Texas Commission on Environmental Quality (TCEQ) for proposed Texas Pollutant Discharge Elimination System (TPDES) Permit No. WQ0005462000 (EPA I.D. No. TX0146251) to authorize the discharge of non-process deluge system water at an intermittent and flow-variable volume via Outfalls 001 and 002.

I have reviewed the application and I have the following comments:

- It appears that SpaceX clearly knew that they were legally obligated to apply for an industrial wastewater permit to discharge deluge water, yet they continued to discharge wastewater without authorization. Therefore, I recommend TCEQ initiate enforcement action against SpaceX. Evidence in support of the fact that SpaceX knew it was required to apply for a permit includes the following:
 - The senior person signing the application for SpaceX was, until recently, an employee of TCEQ in the local Brownsville, TX office. She was probably responsible for compliance inspections:
 - Prefix: Mrs. Full Name (Last/First Name): Wood/Carolyn Title: Sr Environmental Regulatory Engineer Organization Name: SpaceX Mailing Address: 1 Rocket Rd. City/State/Zip: Brownsville/TX/78521 Phone No: (323) 537-0071 Email: Carolyn.wood@spacex.com
 - The fact that she was a TCEQ employee recently, is actually disclosed in the application.
 - If she ever worked on SpaceX while at TCEQ, doing this would almost certainly be unethical, if not unlawful.
- SpaceX, and possibly TCEQ, have classified this discharge as “stormwater”. I do not think this is correct, and I think it may be intended to avoid the appropriate regulation.
 - Effluent from the deluge water is not stormwater. Classifying the effluent as stormwater seems inappropriate, and contrary to the intent of the Clean Water Act.
- The application required SpaceX to specify a range of effluent discharges, but SpaceX just left it blank. This is a major factor in any wastewater discharge permit. I certainly hope TCEQ will assign a flow limit to SpaceX in their permit. If not, any permit may as well be a “blank check”. If you allow unlimited discharge, by definition, there will be no controls on the pollutant load to the environment, and thus no environmental protection. Deluge water is not stormwater.

- The applicant is required to provide TCEQ with a map showing the movement of proposed effluent downstream. SpaceX provided a map with lines and arrows showing how the effluent will move “downstream” on the wind tidal flats. However, I could find no explanation. It is almost certainly based on SpaceX staff “professional judgement”. In my opinion, this is not adequate. Given there are no obvious channels in this wind tidal flat (not mud flat, as per SpaceX), SpaceX staff’s visual approximation seems inadequate for this purpose. Either an analysis of aerial photography during periods of high water levels in this area, hydrodynamic simulations, or actual measurements of dye transport during high water levels, would seem more appropriate to define where pollutants would likely be transported.
- The application also appears to reflect an explicit intent to avoid classifying the effluent as cooling water. While deluge water for rocket launches may not technically be “cooling water”, that is partly its function, right? I recommend that TCEQ research how the State of Florida has classified deluge water discharges in their wastewater discharge permits, and take a similar approach.
- It would seem that deluge water has the potential to load hot water onto the wind tidal flats, with significant impacts to the benthic community locally. I see no effort to evaluate this risk, much less to regulate it. Again, I recommend that TCEQ research how the State of Florida has regulated the discharge of excess heat in deluge water discharges in their wastewater discharge permits, and take a similar approach.
- Data is provided for only one of the two effluent discharges proposed. I suppose this data can be assumed to be representative of both?
- In reviewing the results of chemical analysis of the deluge water, I found one, and possibly up to four pollutants of concern. The most obvious concern, is for mercury. In the application, under Item 2- Specific Testing Requirements, in Table 1, for outfall 001, the total mercury concentration is given as 113 ug/L. The TCEQ mercury water quality criteria are: 2.1 ug/L for acute aquatic toxicity, 1.1 ug/L for chronic aquatic toxicity, and 0.025 ug/L for human health. These are very large exceedances of the mercury water quality criteria.
- Other concerns based on this data include copper, zinc, and ammonia. Like mercury, copper and zinc concentrations exceeded their aquatic health water quality criteria, but unlike for mercury, these criteria are specifically based on dissolved concentrations, rather than total, so that the data provided can't really be compared to the actual water quality criteria. Determining whether ammonia concentrations meet water quality criteria is complex, involving not just ammonia concentration, but also pH and temperature. TCEQ must determine whether water quality criteria for copper, zinc, and ammonia were exceeded in the samples of deluge water. If so, TCEQ must ensure that any permit includes limits that will ensure that water quality criteria in the receiving environment, for copper, zinc, and ammonia, will be met.

Sincerely,
 Kenneth G. Teague, PWS (emeritus), Senior Certified Ecologist
 Austin, TX

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Tuesday, October 8, 2024 1:56 PM
To: PUBCOMMENT-OCC2; PUBCOMMENT-OPIC; PUBCOMMENT-ELD; PUBCOMMENT-WQ
Subject: FW: Public comment on Permit Number WQ0005462000

Jesús Bárcena
Office of the Chief Clerk
Texas Commission on Environmental Quality
Office Phone: 512-239-3319

How is our customer service? Fill out our online customer satisfaction survey at:
www.tceq.texas.gov/customersurvey

From: dteterus@yahoo.com <dteterus@yahoo.com>
Sent: Tuesday, October 8, 2024 8:49 AM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER:

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: Diane Teter

EMAIL: dteterus@yahoo.com

COMPANY:

ADDRESS: 915 S 7TH AVE
EDINBURG TX 78539-4406

PHONE: 9562490872

FAX:

COMMENTS: I am in opposition to SpaceX receiving a TCEQ permit for its wastewater deluge system for the following reasons. 1) SpaceX has been testing and has already launched rockets without the required TCEQ permits for their wastewater deluge system. Why should SpaceX conduct launches using this deluge water system while it is still in the permit process? 2) Is SpaceX being fined appropriately by TCEQ for these violations which continue? No, it is not. On Aug. 29 TCEQ assessed a \$3,750 fine against SpaceX for illegally discharging wastewater into wetlands surrounding the launch site, after the state agency found that the company had not applied for a Texas Pollutant Discharge Elimination System permit before operating the system. This prompted a post on X from Musk the following day that read, "Just to be clear, this silly fine was for spilling potable drinking water! Literally, you could drink it." Could we ask that Musk make good on this claim and drink his SpaceX water deluge system spill? 3) SpaceX launch and deluge system testing is breaking EPA rules for clean water and has and is currently discharging as much as 350, 000 gallons of water during SpaceX launches according to SpaceX own claim. This superheated water falls into/around and adversely affects the coastal water, its inhabitants, wetlands and wildlife surrounding the area which has now become a dumping ground for their waste products. On Sept. 10, the EPA proposed a \$148,378 fine against SpaceX in part for what the agency claimed was wastewater discharge from the launchpad deluge system without a federal permit. SpaceX rejected the allegation and state SpaceX is the safest reliable launch provider in the world, and yet SpaceX on April 20, 2023, its rocket exploded at the Boca Chica location. 4) This wastewater deluge system during heavy booster rocket launches releases harmful (proprietary materials) rocket propellants into the atmosphere which get mixed up with water from the deluge system that cools down the launch pad and rocket. This cloud then spreads to the soil, water, and vegetation damaging all of them. 5) What kind of effects will the deluge wastewater have on the surrounding seagrasses and shrimping/fishing industries of the area? Are there any tests being conducted by the local university professors/students at UTRGV? UTRGV professors have years of experience and data for this very area. 6) Elon Musk asserts that SpaceX commitment is to "move fast and break things" which is being proven by his actions at Boca Chica Beach during current launches and disconcerting that a private company would have such disdain for the FAA, EPA, TCEQ and any other regulatory agency which stands in his way. 7) SpaceX is incompatible with the surrounding area of wildlife refuges, beaches, tourism, and culture. 8) SpaceX is incompatible and a hazard to the surrounding areas of high-rise condos, resorts, and residences already located in the area and are shaken by the heavy booster rocket launches to cause structural and foundational property damage. The November launch is reported to have caused earthquake-like conditions and now SpaceX is warning of sonic booms in the future with the super heavy booster rockets. 9) Where is SpaceX getting this water for their deluge system? Is it being trucked in or treated before use in the deluge system? There are other questions about water usage by SpaceX. The RGV has water scarcity and yet this new heavy industrialization and rocket launching of SpaceX seems to be using a lot of it. Where does all the water for all SpaceX operations come from??? 10) SpaceX also has a TCEQ permit pending for treated wastewater of over 200,000 gallons to be dumped into the South Bay Coastal Preserve. It appears that SpaceX has no qualms about using the coastal area preserves and local area/water for their septic and dumping grounds for their experimental launches and manufacturing. 11) Is there a TCEQ cumulative impact study being conducted for the continuing upgrading of operations of SpaceX? 12) What about the cumulative impact of SpaceX and the soon to arrive LNG export terminals and pipelines? 13) Are there any coherent cumulative impact studies by TCEQ and other agencies being coordinated for our RGV coastal waters/land prior to this grand industrialization as Brownsville Navigation District seems to have no interest in environmental concerns since they have begun leasing land to SpaceX and LNGs?

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Tuesday, October 8, 2024 1:57 PM
To: PUBCOMMENT-OCC2; PUBCOMMENT-OPIC; PUBCOMMENT-ELD; PUBCOMMENT-WQ
Subject: FW: Public comment on Permit Number WQ0005462000

Jesús Bárcena
Office of the Chief Clerk
Texas Commission on Environmental Quality
Office Phone: 512-239-3319

How is our customer service? Fill out our online customer satisfaction survey at:
www.tceq.texas.gov/customersurvey

From: dteterus@yahoo.com <dteterus@yahoo.com>
Sent: Tuesday, October 8, 2024 8:51 AM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER: 2024-1282-IWD-E

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: Diane K Teter

EMAIL: dteterus@yahoo.com

COMPANY:

ADDRESS: 915 S 7TH AVE
EDINBURG TX 78539-4406

PHONE: 9562490872

FAX:

COMMENTS: I am in opposition to SpaceX receiving a TCEQ permit for its wastewater deluge system for the following reasons. 1) SpaceX has been testing and has already launched rockets without the required TCEQ permits for their wastewater deluge system. Why should SpaceX conduct launches using this deluge water system while it is still in the permit process? 2) Is SpaceX being fined appropriately by TCEQ for these violations which continue? No, it is not. On Aug. 29 TCEQ assessed a \$3,750 fine against SpaceX for illegally discharging wastewater into wetlands surrounding the launch site, after the state agency found that the company had not applied for a Texas Pollutant Discharge Elimination System permit before operating the system. This prompted a post on X from Musk the following day that read, "Just to be clear, this silly fine was for spilling potable drinking water! Literally, you could drink it." Could we ask that Musk make good on this claim and drink his SpaceX water deluge system spill? 3) SpaceX launch and deluge system testing is breaking EPA rules for clean water and has and is currently discharging as much as 350, 000 gallons of water during SpaceX launches according to SpaceX own claim. This superheated water falls into/around and adversely affects the coastal water, its inhabitants, wetlands and wildlife surrounding the area which has now become a dumping ground for their waste products. On Sept. 10, the EPA proposed a \$148,378 fine against SpaceX in part for what the agency claimed was wastewater discharge from the launchpad deluge system without a federal permit. SpaceX rejected the allegation and state SpaceX is the safest reliable launch provider in the world, and yet SpaceX on April 20, 2023, its rocket exploded at the Boca Chica location. 4) This wastewater deluge system during heavy booster rocket launches releases harmful (proprietary materials) rocket propellants into the atmosphere which get mixed up with water from the deluge system that cools down the launch pad and rocket. This cloud then spreads to the soil, water, and vegetation damaging all of them. 5) What kind of effects will the deluge wastewater have on the surrounding seagrasses and shrimping/fishing industries of the area? Are there any tests being conducted by the local university professors/students at UTRGV? UTRGV professors have years of experience and data for this very area. 6) Elon Musk asserts that SpaceX commitment is to "move fast and break things" which is being proven by his actions at Boca Chica Beach during current launches and disconcerting that a private company would have such disdain for the FAA, EPA, TCEQ and any other regulatory agency which stands in his way. 7) SpaceX is incompatible with the surrounding area of wildlife refuges, beaches, tourism, and culture. 8) SpaceX is incompatible and a hazard to the surrounding areas of high-rise condos, resorts, and residences already located in the area and are shaken by the heavy booster rocket launches to cause structural and foundational property damage. The November launch is reported to have caused earthquake-like conditions and now SpaceX is warning of sonic booms in the future with the super heavy booster rockets. 9) Where is SpaceX getting this water for their deluge system? Is it being trucked in or treated before use in the deluge system? There are other questions about water usage by SpaceX. The RGV has water scarcity and yet this new heavy industrialization and rocket launching of SpaceX seems to be using a lot of it. Where does all the water for all SpaceX operations come from??? 10) SpaceX also has a TCEQ permit pending for treated wastewater of over 200,000 gallons to be dumped into the South Bay Coastal Preserve. It appears that SpaceX has no qualms about using the coastal area preserves and local area/water for their septic and dumping grounds for their experimental launches and manufacturing. 11) Is there a TCEQ cumulative impact study being conducted for the continuing upgrading of operations of SpaceX? 12) What about the cumulative impact of SpaceX and the soon to arrive LNG export terminals and pipelines? 13) Are there any coherent cumulative impact studies by TCEQ and other agencies being coordinated for our RGV coastal waters/land prior to this grand industrialization as Brownsville Navigation District seems to have no interest in environmental concerns since they have begun leasing land to SpaceX and LNGs?

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Thursday, August 1, 2024 1:18 PM
To: PUBCOMMENT-OCC2; PUBCOMMENT-OPIC; PUBCOMMENT-ELD; PUBCOMMENT-WQ
Subject: FW: Public comment on Permit Number WQ0005462000

PM

Jesús Bárcena
Office of the Chief Clerk
Texas Commission on Environmental Quality
Office Phone: 512-239-3319

How is our customer service? Fill out our online customer satisfaction survey at:
www.tceq.texas.gov/customersurvey

From: teter@southtexascollege.edu <teter@southtexascollege.edu>
Sent: Wednesday, July 31, 2024 12:59 PM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER:

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: Diane Teter

EMAIL: teter@southtexascollege.edu

COMPANY: South Texas College

ADDRESS: 915 S 7TH AVE
EDINBURG TX 78539-4406

PHONE: 9562490872

FAX:

COMMENTS: I am requesting TCEQ hold a public meeting in Cameron County to address the issue of SpaceX's application for Water Quality permit # WQ0005462000, to discharge deluge water into the area near the launch pad. I am a biologist who studied at UTRGV and took courses at the Coastal Studies Laboratory, lived on the Laguna Madre for over a decade, and I have taught college biology courses in the RGV since 1993. I have been in contact numerous times with TCEQ offices over the SpaceX repeated "unpermitted" discharges of deluge water and was advised by TCEQ - since actions of SpaceX were unpermitted as well as on-going -- that I should submit complaints against SpaceX for each action which has been completed. I have done so to the TCEQ complaint website after SpaceX launches discharged deluge water from their launch pad into surrounding areas. My additional concerns about SpaceX operations are below. 1) SpaceX launch deluge system is breaking EPA rules for clean water and has and is currently discharging as much as 350, 000 gallons of water during SpaceX launches according to SpaceX own claim. This superheated water falls into/around and adversely affects the coastal water, its inhabitants, wetlands and wildlife surrounding the area which has now become a dumping ground for their waste products. 2) This wastewater deluge system during heavy booster rocket launches releases harmful (proprietary materials) rocket propellants into the atmosphere which get mixed up with water from the deluge system that cools down the launch pad and rocket. This cloud then spreads to the soil, water, and vegetation damaging all of them. 3) What kind of effects will the deluge wastewater have on the surrounding seagrasses and shrimping/fishing industries of the area? Are there any independent tests being conducted for this? 4) Where is SpaceX getting this water for their deluge system? Is it being trucked in or treated before use in the deluge system? Where is the discharge and excess water contained and captured? 5) How are the holding ponds and other water containment ponds from the deluge system dug, reinforced, lined and what are the sizes? What are the placement alternatives and emergency procedures for non-containment or escape? 6) In addition, SpaceX has a TCEQ permit pending for treated wastewater of over 200,000 gallons to be dumped into the South Bay Coastal Preserve. It appears that SpaceX is attempting to use the coastal area preserves and local area/water for dumping the contents/dischARGE of their experimental launches and testing. How are all these various industrial impacts to be measured, verified independently, and regulated effectively? 7) Is there a TCEQ cumulative impact study being conducted for the continuing upgrading of operations of SpaceX? 8) Are there any TCEQ coherent cumulative impact studies with other agencies being coordinated for our RGV coastal waters/land prior to this grand industrialization by Brownsville Navigation District? 9) SpaceX operations continue to change in ways that are unregulated with no regard to legalities or recognition of the surrounding refuges, beaches, wildlife, and resident population. 10) Importantly, why are not the local professors from UTRGV along with their academic research/studies being consulted and utilized as a base line and for future studies? 11) It is essential to our RGV area that the prior UTRGV research as well as future proposed research be fully utilized - as it is impartial and based on historical figures and not after environmental degradation from numerous rocket launch experimentations by SpaceX. In conclusion, again I request a public meeting be held by TCEQ for this SpaceX application where its on-going expansions can be explained in entirety. I request a public meeting where the many impacts to our local ecosystem can be enumerated by the residents and scientists. Ms. Diane Teter, Professor Emerita of Biology at South Texas College

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Monday, October 21, 2024 11:43 AM
To: PUBCOMMENT-WQ; PUBCOMMENT-ELD; PUBCOMMENT-OCC2; PUBCOMMENT-OPIC
Subject: FW: Public comment on Permit Number WQ0005462000

From: tnthirlwall@gmail.com <tnthirlwall@gmail.com>
Sent: Thursday, October 17, 2024 4:18 PM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER: 2024-1282-IWD-E

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: Tanya N Thirlwall

EMAIL: tnthirlwall@gmail.com

COMPANY:

ADDRESS: 1101 CHICO CIR
HARLINGEN TX 78552-8902

PHONE: 9564936281

FAX:

COMMENTS: In the early 1990s, multinational companies like General Motors operated maquiladoras across the Rio Grande River in Matamoros, discharging waste into the river and surrounding waters. In 1993, Tony Martinez and Randy Whittington led a lawsuit against over 80 multinational corporations due to NAFTA's inadequate regulations on corporate waste management. The Public Utilities Board was also involved and settled for an undisclosed amount after birth defects—specifically anencephaly, a fatal

condition where a fetus's brain fails to develop—were diagnosed in newborns. It is believed that more cases occurred in Brownsville than officially reported, with unknown numbers in Matamoros. Allowing SpaceX to discharge its deluge wastewater—even now with them seeking a permit obtained only after a complaint by Harlingen residents—risks repeating this history. Permitting such discharge without formal studies or prior evaluations, especially given past instances where billion-dollar corporations exploited our community's socioeconomic vulnerabilities, endangers Brownsville and its residents once again. This must be stopped. While I support creativity and innovation, it should not come at the expense of our community's health and safety. Space X has more than the capability, and the ability to do so, to be able to create its own water facility to treat deluged wastewater before it is dumped. We do not know the long-term ramifications that this waste water will have to our wildlife, or to what could happen to the citizens of Brownsville. I implore you to not allow another billionaire dollar company to repeat history. We do not know, what health effects may happen which is why we must take preventative action. There are resources, local resources that SpaceX can use. The University of Texas Rio grande valley has with open arms opened up to SpaceX for space exploration, we have a School of public health in Brownsville Texas, underneath the University of Texas Houston science Center branch because of our proximity to waterways and our transient community. We have the resources to test, and find solutions, before just dumping wastewater. SpaceX has more than the means to be able to include our community in providing a clean and effective solution other than just dumping it where they feel they can because they have been given carte blanche to do whatever they want to do. This needs to stop. We have to make them accountable. Not only to ourselves currently, but to future generations, and to the little wildlife that is left. We do not know how this will affect the Marine life or our own waterways. Many within this community enjoy being able to go fishing at Boca chica. Many enjoy seeing the Dolphins out in the bay, many enjoy seeing the different types of marine life that is unique to our area. Do not allow future generations to not be able to experience or create those memories like we have. I am all for innovation, but not at the expense of our community.

Vincent Redondo

From: PUBCOMMENT-OCC
Sent: Monday, November 4, 2024 1:47 PM
To: PUBCOMMENT-WQ; PUBCOMMENT-ELD; PUBCOMMENT-OCC2; PUBCOMMENT-OPIC
Subject: FW: Public comment on Permit Number WQ0016342001

Also associate with WQ0005462000

From: glotho909@gmail.com <glotho909@gmail.com>
Sent: Monday, November 4, 2024 11:26 AM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0016342001

REGULATED ENTY NAME STARBASE WWTP

RN NUMBER: RN111738498

PERMIT NUMBER: WQ0016342001

DOCKET NUMBER:

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: Gloria Thomas

EMAIL: glotho909@gmail.com

COMPANY:

ADDRESS: 3735 TORRES RD APT B
BROWNSVILLE TX 78520-5047

PHONE: 9567346148

FAX:

COMMENTS: I am opposed to the issuance of the following permits for SpaceX LLC: WQ0005462000 The SpaceX launch pad and Starbase facility emit unacceptable levels of pollutants that threaten Brownsville and Rio Grande Valley residents' health and well-being. Water pollutants also damage the sensitive wetland, salt marsh, and mudflat ecosystems of South Bay, Lower Rio Grande Valley Wildlife Refuge, and Boca Chica Beach, home to numerous endangered and threatened species, especially migratory

birds. As a member of the surrounding community, I am directly impacted by SpaceX's pollution and activities. The full permit application is not available digitally and was not available at the Port of Isabel library, or in other more accessible locations. We need full transparency to make an informed comment. A fair public hearing cannot be held with critical information withheld from the public. This is a violation of law. I request that TCEQ also provide sufficient Spanish language interpretation and translation services at the hearing on November 14 to ensure that all participants' questions are answered. This also means that Spanish speakers should be encouraged to provide their comments in Spanish and that translation services are ACCURATE. In addition, TCEQ and SpaceX staff must consult with the Carrizo/Comecrudo Tribe of Texas, the original Native people of this region, about this permit application and all SpaceX activities at the Boca Chica Beach site.

44

TCEQ Registration Form

October 17, 2024

Space Exploration Technologies Corp. Proposed TPDES Permit No. WQ0005462000

PLEASE PRINT

Name: Gloria Thomas

Mailing Address: ~~4202 N. Hummer~~ 373 Turner Rd. Unit B Brownsville,
TX, 78520

Physical Address (if different): ~~Brownsville~~

City/State: Brownsville, TX Zip: 7852

This information is subject to public disclosure under the Texas Public Information Act

Email: ~~gthomas90~~

Phone Number: ()

- Are you here today representing a municipality, legislator, agency, or group? ☐ Yes ☐ No

If yes, which one? _____

☒ Please add me to the mailing list.

☒ I wish to provide formal *ORAL COMMENTS* at tonight's public meeting.

☐ I wish to provide formal *WRITTEN COMMENTS* at tonight's public meeting.

(Written comments may be submitted at any time during the meeting)

Please give this form to the person at the information table. Thank you.

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Monday, October 14, 2024 5:54 PM
To: PUBCOMMENT-OCC2; PUBCOMMENT-OPIC; PUBCOMMENT-ELD; PUBCOMMENT-WQ
Subject: FW: Public comment on Permit Number WQ0005462000

Jesús Bárcena
Office of the Chief Clerk
Texas Commission on Environmental Quality
Office Phone: 512-239-3319

How is our customer service? Fill out our online customer satisfaction survey at:
www.tceq.texas.gov/customersurvey

From: glotho909@gmail.com <glotho909@gmail.com>
Sent: Monday, October 14, 2024 11:33 AM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER:

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: Gloria Thomas

EMAIL: glotho909@gmail.com

COMPANY:

ADDRESS: 3735 TORRES RD Unit B
BROWNSVILLE TX 78520-5034

PHONE: 9567346148

FAX:

COMMENTS: I am opposed to the issuance of the following permits for Space Exploration Technologies Corp.: WQ0005462000. The SpaceX launch pad and Starbase facility is a threat to public safety, public health, and has concerning detrimental environmental impacts. This permit should not be permitted because it would be a public health violation. The proposed permit has no mention that Boca Chica beach is used REGULARLY as a recreational beach where families of all ages, including me, perform numerous recreational activities like swimming and fishing. Large numbers of the public come into direct contact with the body of water that SpaceX is proposing to dump polluted wastewater. The permit shows very inconsistent and highly variable data which is highly concerning and misleading. There is no accurate observation of the lands that SpaceX is proposing to dump wastewater into. The permit shows no concern or reference to the sensitive wildlife habitat which is less than a mile from the SpaceX launch pad facility. These se

TCEQ Registration Form

October 17, 2024

Space Exploration Technologies Corp.
Proposed TPDES Permit No. WQ0005462000

PLEASE PRINT

Name: Estrella Torres

Mailing Address: 733 Jo Ann Ln

Physical Address (if different): _____

City/State: Brownsville, TX Zip: 78521

This information is subject to public disclosure under the Texas Public Information Act

Email: estrellatorres@tfn.org

Phone Number: (956) 554-8582

- Are you here today representing a municipality, legislator, agency, or group? ☐ Yes ☒ No

If yes, which one? _____

☐ Please add me to the mailing list.

☒ I wish to provide formal *ORAL COMMENTS* at tonight's public meeting.

☐ I wish to provide formal *WRITTEN COMMENTS* at tonight's public meeting.

(Written comments may be submitted at any time during the meeting)

Please give this form to the person at the information table. Thank you.

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Monday, October 21, 2024 1:17 PM
To: PUBCOMMENT-WQ; PUBCOMMENT-ELD; PUBCOMMENT-OCC2; PUBCOMMENT-OPIC
Subject: FW: Public comment on Permit Number WQ0005462000

From: Thetorresfamilyinc@gmail.com <Thetorresfamilyinc@gmail.com>
Sent: Thursday, October 17, 2024 10:31 PM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER: 2024-1282-IWD-E

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: Daniela Torres

EMAIL: Thetorresfamilyinc@gmail.com

COMPANY:

ADDRESS: 11 MARGARET CT
BROWNSVILLE TX 78521-3631

PHONE: 9565459660

FAX:

COMMENTS: This shouldn't even be a topic of discussion. Nooooo! Please don't approve.

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Monday, October 21, 2024 1:17 PM
To: PUBCOMMENT-WQ; PUBCOMMENT-ELD; PUBCOMMENT-OCC2; PUBCOMMENT-OPIC
Subject: FW: Public comment on Permit Number WQ0005462000

From: Thetorresfamilyinc@gmail.com <Thetorresfamilyinc@gmail.com>
Sent: Thursday, October 17, 2024 10:26 PM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER:

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: Daniela Torres

EMAIL: Thetorresfamilyinc@gmail.com

COMPANY:

ADDRESS: 11 MARGARET CT
BROWNSVILLE TX 78521-3631

PHONE: 9565459660

FAX:

COMMENTS: Against it! Please don't approve the permit!

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Wednesday, September 11, 2024 9:28 AM
To: PUBCOMMENT-WQ; PUBCOMMENT-ELD; PUBCOMMENT-OCC2; PUBCOMMENT-OPIC
Subject: FW: Public comment on Permit Number WQ0005462000

From: ericatoavar2022@gmail.com <ericatoavar2022@gmail.com>
Sent: Tuesday, September 10, 2024 8:28 PM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER:

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: Erica Tovar

EMAIL: ericatoavar2022@gmail.com

COMPANY:

ADDRESS: 3311 PLUTO ST
EDINBURG TX 78542-1342

PHONE: 9563695989

FAX:

COMMENTS: I do not wish for SpaceX to dump their polluted water into any nearby bodies of water in the Rio Grande Valley. This would have a negative effect on our beaches and tourism. Do not ruin our cities.

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Wednesday, September 11, 2024 9:29 AM
To: PUBCOMMENT-WQ; PUBCOMMENT-ELD; PUBCOMMENT-OCC2; PUBCOMMENT-OPIC
Subject: FW: Public comment on Permit Number WQ0005462000

From: ericatar2022@gmail.com <ericatar2022@gmail.com>
Sent: Tuesday, September 10, 2024 8:30 PM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER: 2024-1282-IWD-E

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: Erica Tovar

EMAIL: ericatar2022@gmail.com

COMPANY:

ADDRESS: 3311 PLUTO ST
EDINBURG TX 78542-1342

PHONE: 9563695989

FAX:

COMMENTS: I do not wish for SpaceX to dump their polluted water into any nearby bodies of water in the Rio Grande Valley. This would have a negative effect on our beaches and tourism. Do not ruin our cities.

TCEQ Registration Form

October 17, 2024

Space Exploration Technologies Corp.

Proposed TPDES Permit No. WQ0005462000

PLEASE PRINT

Name: JOHN E TRAHAN

Mailing Address: 1900 COFFEE PORT RD

Physical Address (if different): _____

City/State: BROWNSVILLE, TX Zip: 778521

This information is subject to public disclosure under the Texas Public Information Act

Email: etrahan0@gmail.com

Phone Number: (512) 7

- Are you here today representing a municipality, legislator, agency, or group? ☐ Yes ☐ No

If yes, which one? _____

☐ Please add me to the mailing list.

☒ I wish to provide formal *ORAL COMMENTS* at tonight's public meeting.

☐ I wish to provide formal *WRITTEN COMMENTS* at tonight's public meeting.

(Written comments may be submitted at any time during the meeting)

Please give this form to the person at the information table. Thank you.

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Tuesday, October 15, 2024 5:03 PM
To: PUBCOMMENT-OCC2; PUBCOMMENT-OPIC; PUBCOMMENT-ELD; PUBCOMMENT-WQ
Subject: FW: Public comment on Permit Number WQ0005462000

Jesús Bárcena
Office of the Chief Clerk
Texas Commission on Environmental Quality
Office Phone: 512-239-3319

How is our customer service? Fill out our online customer satisfaction survey at:
www.tceq.texas.gov/customersurvey

From: matrevino@miners.utep.edu <matrevino@miners.utep.edu>
Sent: Tuesday, October 15, 2024 3:10 PM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER:

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: Mia Trevino

EMAIL: matrevino@miners.utep.edu

COMPANY:

ADDRESS: 6709 N 15TH LN
MCALLEN TX 78504-3364

PHONE: 9562122458

FAX:

COMMENTS: I am opposed to the issuance of the following permits for SpaceX LLC: WQ0005462000 The SpaceX launch pad and Starbase facility emit unacceptable levels of pollutants that threaten Brownsville and Rio Grande Valley residents' health and well-being. Water pollutants also damage the sensitive wetland, salt marsh, and mudflat ecosystems of South Bay, Lower Rio Grande Valley Wildlife Refuge, and Boca Chica Beach, home to numerous endangered and threatened species, especially migratory birds. As a member of the surrounding community, I am directly impacted by SpaceX's wastewater pollution and activities. I request that TCEQ provide sufficient Spanish language interpretation and translation services at the hearing on October 17 to ensure that all participants' questions are answered. In addition, TCEQ and SpaceX staff must consult with the Carrizo/Comecrudo Tribe of Texas, the original Native people of this region, about this permit application and all SpaceX activities at the Boca Chica Beach site.

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Monday, October 14, 2024 5:55 PM
To: PUBCOMMENT-OCC2; PUBCOMMENT-OPIC; PUBCOMMENT-ELD; PUBCOMMENT-WQ
Subject: FW: Public comment on Permit Number WQ0005462000

Jesús Bárcena
Office of the Chief Clerk
Texas Commission on Environmental Quality
Office Phone: 512-239-3319

How is our customer service? Fill out our online customer satisfaction survey at:
www.tceq.texas.gov/customersurvey

From: livefortherevolution@gmail.com <livefortherevolution@gmail.com>
Sent: Monday, October 14, 2024 12:43 PM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER: 2024-1282-IWD-E

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: Sergio Trevino

EMAIL: livefortherevolution@gmail.com

COMPANY:

ADDRESS: 504 E MILE 15 N
WESLACO TX 78599-2655

PHONE: 9563760729

FAX:

COMMENTS: Hello Office of the Chief Clerk, The morning of Sunday Oct. 13th I was awakened by the sonic boom of a rocket 70 miles away from its launch cite of Boca Chica beach. This was not the first time that I have been awakened or felt the walls of my home shiver due to an a burst of energy more than 70 miles away, but I am hoping it will soon be one of the last. Not just for me but for the Boca Chica wildlife refuge, the las Palmas wildlife management area, the gulf of mexico, and the Laguna Atascosa National wildlife refuge. You may ask what this I just mentioned has to do with this permit. Does what happens 70 miles away from my home affect my life and the water I may be exposed to. I have to say that it does. By releasing polluted water of the caliber that is being expected by the remnants. Space X would be polluting some of the worlds most biodiverse areas in the world let alone in the United States. "They say that history is written by the victors, but how can there be victory when the fight isn't over? I'm honored to stand alongside you in this struggle—to bring love into our world. I love you all deeply. Have a beautiful day." - Dr. Lyla June Johnston <https://www.youtube.com/watch?v=lljSJVF6wgY&t=2s>

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Monday, October 14, 2024 5:55 PM
To: PUBCOMMENT-OCC2; PUBCOMMENT-OPIC; PUBCOMMENT-ELD; PUBCOMMENT-WQ
Subject: FW: Public comment on Permit Number WQ0005462000

Jesús Bárcena
Office of the Chief Clerk
Texas Commission on Environmental Quality
Office Phone: 512-239-3319

How is our customer service? Fill out our online customer satisfaction survey at:
www.tceq.texas.gov/customersurvey

From: livefortherevolution@gmail.com <livefortherevolution@gmail.com>
Sent: Monday, October 14, 2024 12:48 PM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER:

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: Sergio Trevino

EMAIL: livefortherevolution@gmail.com

COMPANY:

ADDRESS: 504 E MILE 15 N
WESLACO TX 78599-2655

PHONE: 9563760729



FAX:

COMMENTS: Hello Office of the Chief Clerk, The morning of Sunday Oct. 13th I was awakened by the sonic boom of a rocket 70 miles away from its launch cite of Boca Chica beach. This was not the first time that I have been awakened or felt the walls of my home shiver due to an a burst of energy more than 70 miles away, but I am hoping it will soon be one of the last. Not just for me but for the Boca Chica wildlife refuge, the las Palmas wildlife management area, the gulf of mexico, and the Laguna Atascosa National wildlife refuge. You may ask what this I just mentioned has to do with this permit. Does what happens 70 miles away from my home affect my life and the water I may be exposed to. I have to say that it does. By releasing polluted water of the caliber that is being expected by the remnants. Space X would be polluting some of the worlds most biodiverse areas in the world let alone in the United States. A space where people live, forage for food, and swim in its waters. "They say that history is written by the victors, but how can there be victory when the fight isn't over? I'm honored to stand alongside you in this struggle—to bring love into our world. I love you all deeply. Have a beautiful day." - Dr. Lyla June Johnston <https://www.youtube.com/watch?v=lljSJVF6wgY&t=2s>

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Wednesday, October 16, 2024 5:27 PM
To: PUBCOMMENT-OCC2; PUBCOMMENT-OPIC; PUBCOMMENT-ELD; PUBCOMMENT-WQ
Subject: FW: Public comment on Permit Number WQ0005462000

Jesús Bárcena
Office of the Chief Clerk
Texas Commission on Environmental Quality
Office Phone: 512-239-3319

How is our customer service? Fill out our online customer satisfaction survey at:
www.tceq.texas.gov/customersurvey

From: vasquezdaileh2@gmail.com <vasquezdaileh2@gmail.com>
Sent: Wednesday, October 16, 2024 2:59 PM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER:

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: MS Daileh V

EMAIL: vasquezdaileh2@gmail.com

COMPANY:

ADDRESS: 206 YASMIN ST
WESLACO TX 78596-3224

PHONE: 9562155280

FAX:

COMMENTS: I am opposed to the issuance of the following permits for SpaceX LLC: WQ0005462000 The SpaceX launch pad and Starbase facility emit unacceptable levels of pollutants that threaten Brownsville and Rio Grande Valley residents' health and well-being. Water pollutants also damage the sensitive wetland, salt marsh, and mudflat ecosystems of South Bay, Lower Rio Grande Valley Wildlife Refuge, and Boca Chica Beach, home to numerous endangered and threatened species, especially migratory birds. As a member of the surrounding community, I am directly impacted by SpaceX's wastewater pollution and activities. I request that TCEQ provide sufficient Spanish language interpretation and translation services at the hearing on October 17 to ensure that all participants' questions are answered. In addition, TCEQ and SpaceX staff must consult with the Carrizo/Comecrudo Tribe of Texas, the original Native people of this region, about this permit application and all SpaceX activities at the Boca Chica Beach site.

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Wednesday, October 16, 2024 5:27 PM
To: PUBCOMMENT-OCC2; PUBCOMMENT-OPIC; PUBCOMMENT-ELD; PUBCOMMENT-WQ
Subject: FW: Public comment on Permit Number WQ0005462000

Jesús Bárcena
Office of the Chief Clerk
Texas Commission on Environmental Quality
Office Phone: 512-239-3319

How is our customer service? Fill out our online customer satisfaction survey at:
www.tceq.texas.gov/customersurvey

From: vasquezdaileh02@gmail.com <vasquezdaileh02@gmail.com>
Sent: Wednesday, October 16, 2024 3:00 PM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER: 2024-1282-IWD-E

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: Daileh V

EMAIL: vasquezdaileh02@gmail.com

COMPANY:

ADDRESS: 206 YASMIN ST
WESLACO TX 78596-3224

PHONE: 9562155280

FAX:

COMMENTS: I am opposed to the issuance of the following permits for SpaceX LLC: WQ0005462000 The SpaceX launch pad and Starbase facility emit unacceptable levels of pollutants that threaten Brownsville and Rio Grande Valley residents' health and well-being. Water pollutants also damage the sensitive wetland, salt marsh, and mudflat ecosystems of South Bay, Lower Rio Grande Valley Wildlife Refuge, and Boca Chica Beach, home to numerous endangered and threatened species, especially migratory birds. As a member of the surrounding community, I am directly impacted by SpaceX's wastewater pollution and activities. I request that TCEQ provide sufficient Spanish language interpretation and translation services at the hearing on October 17 to ensure that all participants' questions are answered. In addition, TCEQ and SpaceX staff must consult with the Carrizo/Comecrudo Tribe of Texas, the original Native people of this region, about this permit application and all SpaceX activities at the Boca Chica Beach site.

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Tuesday, October 15, 2024 3:03 PM
To: PUBCOMMENT-WQ; PUBCOMMENT-ELD; PUBCOMMENT-OCC2; PUBCOMMENT-OPIC
Subject: FW: Public comment on Permit Number WQ0005462000

From: valdezortiz.ollie@gmail.com <valdezortiz.ollie@gmail.com>
Sent: Monday, October 14, 2024 7:14 PM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER:

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: MR Ollie Valdez-Ortiz

EMAIL: valdezortiz.ollie@gmail.com

COMPANY:

ADDRESS: 4164 SABINE AVE
BROWNSVILLE TX 78520-0043

PHONE: 9565798479

FAX:

COMMENTS: I am requesting that you deny the permit for SpaceX to dump polluted water on the Boca Chica beach. I am heavily opposed to the destruction of environment and desecration of Indigenous land in which this permit would allow. I live in Brownsville, Texas and have lived there for almost my entire life. This is the first year that I am off to college, and I would love to come back and enjoy Boca Chica Beach for Christmas or Spring Break. However, with the idea of SpaceX being able to pollute the water and

beach, I find myself less inclined to invite my San Antonio friends to come visit and see the beauty and sacredness that only our city has--Boca Chica Beach. I foresee any allowance of SpaceX pollution will deter other college students, tourists, and vacationers like my friends and I which would impact the Brownsville economy detrimentally as a whole. Please deny this permit and protect the land, water, and Indigenous peoples. I would love to be able to share the beach with my friends and family as I have in the past. The people of Brownsville, along with the native animals, would benefit greatly from safety and health by denying the permit to SpaceX.

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Tuesday, October 15, 2024 3:03 PM
To: PUBCOMMENT-WQ; PUBCOMMENT-ELD; PUBCOMMENT-OCC2; PUBCOMMENT-OPIC
Subject: FW: Public comment on Permit Number WQ0005462000

From: valdezortiz.ollie@gmail.com <valdezortiz.ollie@gmail.com>
Sent: Monday, October 14, 2024 7:14 PM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER: 2024-1282-IWD-E

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: Ollie Valdez-Ortiz

EMAIL: valdezortiz.ollie@gmail.com

COMPANY:

ADDRESS: 4164 SABINE AVE
BROWNSVILLE TX 78520-0043

PHONE: 9565798479

FAX:

COMMENTS: I am requesting that you deny the permit for SpaceX to dump polluted water on the Boca Chica beach. I am heavily opposed to the destruction of environment and desecration of Indigenous land in which this permit would allow. I live in Brownsville, Texas and have lived there for almost my entire life. This is the first year that I am off to college, and I would love to come back and enjoy Boca Chica Beach for Christmas or Spring Break. However, with the idea of SpaceX being able to pollute the water and

beach, I find myself less inclined to invite my San Antonio friends to come visit and see the beauty and sacredness that only our city has--Boca Chica Beach. I foresee any allowance of SpaceX pollution will deter other college students, tourists, and vacationers like my friends and I which would impact the Brownsville economy detrimentally as a whole. Please deny this permit and protect the land, water, and Indigenous peoples. I would love to be able to share the beach with my friends and family as I have in the past. The people of Brownsville, along with the native animals, would benefit greatly from safety and health by denying the permit to SpaceX.

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Monday, October 14, 2024 9:01 AM
To: PUBCOMMENT-WQ; PUBCOMMENT-ELD; PUBCOMMENT-OCC2; PUBCOMMENT-OPIC
Subject: FW: Public comment on Permit Number WQ0005462000

From: robyntatu@gmail.com <robyntatu@gmail.com>
Sent: Sunday, October 13, 2024 7:33 PM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER:

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: MISS Robin Vargss

EMAIL: robyntatu@gmail.com

COMPANY:

ADDRESS: 1245 W IVY AVE
ALAMO TX 78516-3736

PHONE: 9567153105

FAX:

COMMENTS: DO IT SOMEWHERE ELSE !! STOP DESTROYING OUR BEACH!! IF YOU ALL LOVE THIS THEN OFFER UP YOUR CITY AND TOWN!! PEOPLE HOUSES ARE SHAKING FROM THE SONIC BOOMS AND THE SMELL OF CHEMICALS IS ALL OVER THE PLACE!! THIS IS NOT OKAY AND IT WON'T EVER BE. ALL YOU DO IS POLLUT OUR AIR WATER AND LAND!!

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Monday, October 21, 2024 1:22 PM
To: PUBCOMMENT-WQ; PUBCOMMENT-ELD; PUBCOMMENT-OCC2; PUBCOMMENT-OPIC
Subject: FW: Public comment on Permit Number WQ0005462000

From: vasquezalondra61@gmail.com <vasquezalondra61@gmail.com>
Sent: Friday, October 18, 2024 8:37 AM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER: 2024-1282-IWD-E

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: MISS Alondra Vasquez

EMAIL: vasquezalondra61@gmail.com

COMPANY:

ADDRESS: 5902 CADEREYTA ST
BROWNSVILLE TX 78521-6967

PHONE: 9562032100

FAX:

COMMENTS: I am concerned for the public health and safety of my community. I want to be able use the beach and enjoy it and not get sick while doing it. I appose the permit.

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Monday, October 21, 2024 1:17 PM
To: PUBCOMMENT-WQ; PUBCOMMENT-ELD; PUBCOMMENT-OCC2; PUBCOMMENT-OPIC
Subject: FW: Public comment on Permit Number WQ0005462000

From: vasquezalondra61@gmail.com <vasquezalondra61@gmail.com>
Sent: Thursday, October 17, 2024 11:03 PM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER: 2024-1282-IWD-E

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: MISS Alondra Vasquez

EMAIL: vasquezalondra61@gmail.com

COMPANY:

ADDRESS: 5902 CADEREYTA ST
BROWNSVILLE TX 78521-6967

PHONE: 9562032100

FAX:

COMMENTS: I am concerned for the public health and safety of my community. I want to be able use the beach and enjoy it and not get sick while doing it. I appose the permit.

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Monday, October 21, 2024 1:15 PM
To: PUBCOMMENT-WQ; PUBCOMMENT-ELD; PUBCOMMENT-OCC2; PUBCOMMENT-OPIC
Subject: FW: Public comment on Permit Number WQ0005462000

From: vasquezalondra61@gmail.com <vasquezalondra61@gmail.com>
Sent: Thursday, October 17, 2024 7:46 PM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER: 2024-1282-IWD-E

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: MISS Alondra Vasquez

EMAIL: vasquezalondra61@gmail.com

COMPANY:

ADDRESS: 5902 CADEREYTA ST
BROWNSVILLE TX 78521-6967

PHONE: 9562032100

FAX:

COMMENTS: I am concerned for the public health and safety of my community. I want to be able use the beach and enjoy it and not get sick while doing it. I appose the permit.

RECEIVED

OCT 17 2024

AT PUBLIC MEETING

Comentario público:

Corporación de Tecnologías de Exploración Espacial.

Intención de obtener un permiso de calidad del agua y

Aviso de Solicitud y Decisión Preliminar para el Permiso TPDES para Aguas Residuales Industriales

Permiso No. WQ0005462000

NAME/NOMBRE: Manu G Villanueva
ADDRESS/DIRECCIÓN: 2201 Florence Ave
PHONE NUMBER/TELÉFONO*: 956-755-7385 640-1855
EMAIL/CORREO ELECTRONICO*: lsanchez@borderworkersinled.org
AGE/EDAD*: 78 RACE/RAZA * Hispanic
*Opcional

Comentario público:

I am opposed to the issuance of the following permits for SpaceX LLC: WQ0005462000

The SpaceX launch pad and Starbase facility emit unacceptable levels of pollutants that threaten Brownsville and Rio Grande Valley residents' health and well-being. Water pollutants also damage the sensitive wetland, salt marsh, and mudflat ecosystems of South Bay, Lower Rio Grande Valley Wildlife Refuge, and Boca Chica Beach, home to numerous endangered and threatened species, especially migratory birds. As a member of the surrounding community, I am directly impacted by SpaceX's wastewater pollution and activities. I request that TCEQ provide sufficient Spanish language interpretation and translation services at the hearing on October 17 to ensure that all participants' questions are answered. In addition, TCEQ and SpaceX staff must consult with the Carrizo/Comecrudo Tribe of Texas, the original Native people of this region, about this permit application and all SpaceX activities at the Boca Chica Beach site.

Me opongo a la emisión de los siguientes permisos a favor de SpaceX LLC: WQ0005462000

La plataforma de lanzamiento de SpaceX y las instalaciones de Starbase emiten niveles inaceptables de contaminantes que amenazan la salud y el bienestar de los residentes de Brownsville y el Valle del Río Grande. Los contaminantes del agua también dañan los sensibles ecosistemas de humedales, pantanos salinos y marisma de South Bay, el Refugio de Vida Silvestre del Valle Bajo del Río Grande y la Playa de Boca Chica, hogar de numerosas especies amenazadas y en peligro de extinción, especialmente aves migratorias. Me afecta directamente la contaminación de las aguas residuales y las actividades de SpaceX. Solicito que TCEQ brinde además servicios de interpretación y traducción al idioma español en la audiencia del 17 de octubre. Además, el personal de TCEQ y SpaceX debe consultar con la Tribu Carrizo/Comecrudo de Texas, el pueblo nativo original de esta región, sobre esta solicitud de permiso y todas las actividades de SpaceX en el sitio de Boca Chica Beach.

Additional Comments/Comentarios Adicionales:

Mi esposo y yo somos de bajos recursos para salir a disfrutar el tiempo con nuestros hijos los llevamos a la playa y los parques pues no tenemos que gastar mucho. Con la llegada de SpaceX se han ido destruyendo esas lugares. Con el ultimo lanzamiento mi casa de madera resintió mucho la sacudida.

mi casa es lo unico que tengo.

Ahora dicen que estan poniendo quimicos en
el agua residual. No quiero ni pensar en los impactos
de salud que esto tendra en los mas pequenos de
nuestra familia.

Signature/Firma: M. Lopez Villanueva

Fecha: 10-16-2024

Additional Comments/Comentarios Adicionales:

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Tuesday, October 15, 2024 5:00 PM
To: PUBCOMMENT-OCC2; PUBCOMMENT-OPIC; PUBCOMMENT-ELD; PUBCOMMENT-WQ
Subject: FW: Public comment on Permit Number WQ0005462000

Jesús Bárcena
Office of the Chief Clerk
Texas Commission on Environmental Quality
Office Phone: 512-239-3319

How is our customer service? Fill out our online customer satisfaction survey at:
www.tceq.texas.gov/customersurvey

From: ruvilla78@gmail.com <ruvilla78@gmail.com>
Sent: Tuesday, October 15, 2024 12:05 PM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER: 2024-1282-IWD-E

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: Mario Villarreal

EMAIL: ruvilla78@gmail.com

COMPANY:

ADDRESS: 648 GREENFIELD DR
BROWNSVILLE TX 78521-4262

PHONE: 7138993489

FAX:

COMMENTS: "As a concerned resident and business owner in South Texas, I strongly oppose granting Elon Musk or any corporation a permit to dump wastewater in Southbay. This area is not only a vital ecosystem but also a key part of our local community, supporting wildlife, tourism, and the livelihoods of many. Allowing such actions threatens to contaminate our natural resources, putting the health of residents, wildlife, and future generations at risk. We should be focused on sustainable solutions, not corporate shortcuts that prioritize profits over the environment. Southbay is too precious to gamble with."

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Monday, October 21, 2024 6:19 PM
To: PUBCOMMENT-OCC2; PUBCOMMENT-OPIC; PUBCOMMENT-ELD; PUBCOMMENT-WQ
Subject: FW: Public comment on Permit Number WQ0005462000

Jesús Bárcena
Office of the Chief Clerk
Texas Commission on Environmental Quality
Office Phone: 512-239-3319

How is our customer service? Fill out our online customer satisfaction survey at:
www.tceq.texas.gov/customersurvey

From: Clarissavasquez5@gmail.com <Clarissavasquez5@gmail.com>
Sent: Saturday, October 19, 2024 9:29 AM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER: 2024-1282-IWD-E

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: Clarissa Visarra

EMAIL: Clarissavasquez5@gmail.com

COMPANY:

ADDRESS: 5409 LOST HILLS TRL
LAREDO TX 78041-7693

PHONE: 9563195264



FAX:

COMMENTS: I am writing to express my deep concern regarding the dumping of treated wastewater in the bay by Space Exploration Technologies Corp. This practice poses significant risks to our environment and the health of the citizens living in the area. Growing up in this community, I have witnessed the natural beauty and resources that define our home. My parents and grandparents still reside here, and I worry for their well-being and that of future generations. Many residents rely on the bay for recreational fishing and enjoy eating freshly caught fish and shrimp. The impact of wastewater on our waters could jeopardize this vital resource and diminish the quality of our local seafood. While the wastewater may be treated, we cannot overlook the potential long-term effects on our ecosystem and the health of our community. We need to prioritize sustainable practices that protect our environment instead of compromising it for short-term gains. I urge the TCEQ to take a firm stance against this harmful practice and to prioritize the health and safety of our community and the preservation of our environment. Thank you for your attention to this important issue. Sincerely, Clarissa

40

TCEQ Registration Form

October 17, 2024

Space Exploration Technologies Corp.
Proposed TPDES Permit No. WQ0005462000

PLEASE PRINT

Name: Isabel Vuittonet

Mailing Address: 22893 Angel Street

Physical Address (if different): _____

City/State: Harlingen, Tx Zip: 78552

This information is subject to public disclosure under the Texas Public Information Act

Email: Isabel.Vuittonet01@utrgv.edu

Phone Number: (956) 780-1498

- Are you here today representing a municipality, legislator, agency, or group? ☐ Yes ☒ No

If yes, which one? _____

☐ Please add me to the mailing list.

☒ I wish to provide formal *ORAL COMMENTS* at tonight's public meeting.

☐ I wish to provide formal *WRITTEN COMMENTS* at tonight's public meeting.

(Written comments may be submitted at any time during the meeting)

Please give this form to the person at the information table. Thank you.

TCEQ Registration Form

October 17, 2024

Space Exploration Technologies Corp.

Proposed TPDES Permit No. WQ0005462000

PLEASE PRINT

Name: MATTHEW WAUCER

Mailing Address: 1723 CEDAR RIDGE DR BROWNSVILLE, TX 78520

Physical Address (if different): _____

City/State: Brownsville / TX Zip: 78520

This information is subject to public disclosure under the Texas Public Information Act

Email: _____

Phone Number: () _____

- Are you here today representing a municipality, legislator, agency, or group? ☐ Yes ☒ No

If yes, which one? _____

☐ Please add me to the mailing list.

☐ I wish to provide formal *ORAL COMMENTS* at tonight's public meeting.

☒ I wish to provide formal *WRITTEN COMMENTS* at tonight's public meeting.

(Written comments may be submitted at any time during the meeting)

RECEIVED
OCT 17 2024
AT PUBLIC MEETING

Please give this form to the person at the information table. Thank you.

My name is Matthew Walker and I am a life long resident of Brownsville, in Cameron County, Texas. As a child I was raised by my parents, of which my father began exposing me to the outdoors around the age of 4 years old. I can vividly remember these trips to the outdoors during which we'd visit Boca Chica Beach or take fishing trips to South Bay. I remember South Bay being a gorgeous body of water filled with marine life such as turtles, birds, and of course fish. 40 years later and I still visit South Bay & its pristine beauty to continue to fish with my father. Unfortunately I have lost the ability to visit Boca Chica Beach whenever I please because of Space X. I do not wish to lose South Bay because the billion dollar corporation wants to destroy it by dumping its wastewater into it, potentially destroying the habitat for all the life & beauty that I as well as thousands of others have been able to experience and enjoy.

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Tuesday, October 15, 2024 5:01 PM
To: PUBCOMMENT-OCC2; PUBCOMMENT-OPIC; PUBCOMMENT-ELD; PUBCOMMENT-WQ
Subject: FW: Public comment on Permit Number WQ0005462000

Jesús Bárcena
Office of the Chief Clerk
Texas Commission on Environmental Quality
Office Phone: 512-239-3319

How is our customer service? Fill out our online customer satisfaction survey at:
www.tceq.texas.gov/customersurvey

From: lorimwells3@gmail.com <lorimwells3@gmail.com>
Sent: Tuesday, October 15, 2024 12:22 PM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER: 2024-1282-IWD-E

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: Lori Wells

EMAIL: lorimwells3@gmail.com

COMPANY:

ADDRESS: 220 W OLEANDER ST
SOUTH PADRE ISLAND TX 78597-7210

PHONE: 5127712547

FAX:

COMMENTS: I am concerned about toxins and heavy metals going into the Laguna Madre eco-system. In addition, fresh water pouring into the bay will change the salinity of the water, which will change the environment in ways that we can not predict. Space X should use methods similar to those used by NASA to protect the ground water and this ground water should be directed into the Rio Grande River rather than directly into the bay. Space X should also take steps to ensure that clean drinking water is available from the Rio Grande River.

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Monday, October 14, 2024 9:01 AM
To: PUBCOMMENT-WQ; PUBCOMMENT-ELD; PUBCOMMENT-OCC2; PUBCOMMENT-OPIC
Subject: FW: Public comment on Permit Number WQ0005462000

From: raewoo.1011@gmail.com <raewoo.1011@gmail.com>
Sent: Sunday, October 13, 2024 9:44 PM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER:

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: Samantha Woo

EMAIL: raewoo.1011@gmail.com

COMPANY:

ADDRESS: 955 QUAIL HOLLOW DR
BROWNSVILLE TX 78520-9068

PHONE: 9562045116

FAX:

COMMENTS: DO NOT ALLOW PERMIT

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Monday, October 14, 2024 9:01 AM
To: PUBCOMMENT-WQ; PUBCOMMENT-ELD; PUBCOMMENT-OCC2; PUBCOMMENT-OPIC
Subject: FW: Public comment on Permit Number WQ0005462000

Associate to the permit item only.

From: raewoo.1011@gmail.com <raewoo.1011@gmail.com>
Sent: Sunday, October 13, 2024 9:45 PM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER: 2024-1282-IWD-E

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: Samantha Woo

EMAIL: raewoo.1011@gmail.com

COMPANY:

ADDRESS: 955 QUAIL HOLLOW DR
BROWNSVILLE TX 78520-9068

PHONE: 9562045116

FAX:

COMMENTS: oppose this permit

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Monday, October 21, 2024 11:50 AM
To: PUBCOMMENT-WQ; PUBCOMMENT-ELD; PUBCOMMENT-OCC2; PUBCOMMENT-OPIC
Subject: FW: Public comment on Permit Number WQ0005462000
Attachments: SpaceX - TPDES WQ0005462000_Discharge non-process deluge water_Final signed.pdf

From: Erik_Orsak@fws.gov <Erik_Orsak@fws.gov>
Sent: Thursday, October 17, 2024 5:25 PM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER: 2024-1282-IWD-E

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: Erik Orsak

EMAIL: Erik_Orsak@fws.gov

COMPANY: UUFWS

ADDRESS: 4444 CORONA DR STE 215
CORPUS CHRISTI TX 78411-4300

PHONE: 3619949005

FAX:

COMMENTS: Please see attached



United States Department of the Interior

FISH AND WILDLIFE SERVICE

Texas Coastal and Central Plains Ecological Services Office

Corpus Christi Sub-Office
4444 Corona Drive, Suite 215
Corpus Christi, Texas 78411
PHONE: 361/994-9004



In Reply Refer To:
2025-0006824

October 17, 2024

Ms. Laurie Gharis
Office of the Chief Clerk (MC 105)
Texas Commission on Environmental Quality
P.O. Box 13087
Austin, Texas 78711-3087

Dear Ms. Gharis:

The U.S. Fish and Wildlife Service (Service) received the Texas Commission on Environmental Quality's (TCEQ) Combined Notice of Public Meeting and Notice of Receipt of Application and Intent to Obtain Water Quality Permit (NORI) and Notice of Application and Preliminary Decision for TPDES Permit for Industrial Wastewater (NAPD), Proposed Permit Number WQ0005462000, (EPA I.D. Number TX0145251), filed by Space Exploration Technologies Corporation, 1 Rocket Road, Brownsville, Cameron County, Texas. The notice was issued September 5, 2024, with comments due October 17, 2024.

The Applicant, SpaceX, applied for a new Permit and proposes to discharge a combination of stormwater and non-process deluge system water that is utilized during launch operations, at an intermittent and flow-variable volume via Outfalls 001 and 002. The discharge route will be from the Starbase launch pad site, located on the south side of the eastern terminus of State Highway 4 (25.996969N, -97.156269W), via Outfalls 001 and 002 to tidal wetlands and mudflats immediately outside of the launch pad containment area, to the south/southwest of the launch pad. The discharge then continues south across State (Texas Parks and Wildlife Department) and Federal property (Lower Rio Grande Valley National Wildlife Refuge) south to segment 2301 of the Rio Grande River.

Outfall 001 is located from Launch Tower 1 (east) to mudflats located immediately outside of the containment area and approximately 290 feet southwest of the launch pad, at the bottom southern edge of the containment wall and retention pond located at approximately 25.995617, -97.154928. Outfall 002 is located from Launch Tower 2 (west) to tidal wetlands located immediately outside of the containment area and approximately 100 feet southwest of Launch

Tower 2, at the southern edge of the launch pad, approximately 25.9961862, - 97.1582205. Sampling points for Permit compliance (i.e., monitoring and reporting of pollutants) are located at the two outfalls, which receive combined wastewater flows comprised of variable stormwater, deluge water, water from routine external washing without chemicals/detergents, and water releases from maintenance events.

Segment 2301 extends from the confluence of the Rio Grande with the Gulf of Mexico to a point 6.7 miles downstream of the International Bridge in Cameron County. It is classified as a tidal stream and is designated for exceptional aquatic life use, contact recreation, general use and fish consumption.

According to the Permit application, the Starbase Launch Pad Site serves as a site for rocket launch activity for the SpaceX Starship-Super Heavy launch vehicle. Applicable Standard Industrial Classification (SIC) codes include 3761 Guided Missiles and Space Vehicles. Discharge water will consist of deluge water not captured by the containment area retention pond. Discharges from the facility are expected to contain total dissolved solids, nitrate-nitrogen, phosphorus, total dissolved solids, sulfate, chloride, fluoride, aluminum, cadmium, chromium, copper, cyanide, and zinc. Deluge deflector wastewater will be reused in the deluge system. Sedimentation controls would be utilized to be used/proposed to prepare industrial wastewater for reuse. Cooling water will be used for cooling purposes and be provided by Public Utilities Board of the City of Brownsville, Texas and operator will be Brownsville PUB water hauler. Approximately 25 percent of the total water withdrawn will be used at the facility exclusively for cooling purposes on an annual average basis. TPDES permits are issued for a 5-year period and renewed every 5 years thereafter.

A Tier 1 antidegradation review has preliminarily determined that existing water quality uses will not be impaired by this Permit action. A Tier 3 review has preliminarily determined that no significant degradation of water quality is expected in the tidal wetland, which has been identified as having high aquatic life use. Existing uses will be maintained and protected.

General Comment:

We support and agree with the recommendations provided by the Texas Parks and Wildlife Department (TPWD) in their comment letter dated October 17, 2024, which includes the following:

- Minimize potential impacts to areas outside the launch pad, including wildlife habitat on Boca Chica State Park and the Lower Rio Grande National Wildlife Refuge (LRGVNWR), by constructing retention ponds and a catchment system with sufficient capacity to capture all anticipated wastewater releases from the launch pad.
- To the extent possible, treat/recycle all stormwater and deluge wastewater captured by the retention/catchment system for reuse on future launches to avoid and minimize off-site discharges, until such time as pollutants in the water reach levels of concern and require disposal.
- Lining of the retention ponds with a barrier comprised of materials sufficient to prevent long-term, off-site migration of contaminants and protect groundwater.

- Clarify sources, volumes, methods of treatment, and types of water that will be utilized during the launch deluge process (e.g., amount of reclaimed water versus water sourced from nearby municipal drinking water treatment plant).

INDUSTRIAL WASTEWATER PERMIT APPLICATION TECHNICAL REPORT 1.0

Comment: Page 30 of 962 Item 11b. Discharge/TLAP Disposal Information – This item asked the Applicant to provide a USGS Topographic Map with required information and check the box to confirm it has been included in the map. A confirmed box was new and future construction. However, the maps in this Permit do not reflect future construction the Service consulted on in a May 12, 2022, Biological and Conference Opinion. Expansion of SpaceX's launch facility includes new infrastructure, access road, and fencing to its southern and western boundaries.

Comment: Page 72 of 962 Item 12 Cooling Water on – *As per the application, SpaceX will use cooling waters and approximately 25 percent of total water will be used at the facility exclusively for cooling purposes on an annual average basis.* The application does not state the total number of gallons that will be discharged, so we are unable to determine what 25 percent of the total represents, nor does it reveal the volume of reclaimed water versus potable water.

Comment: Page 52 of 962 of the Permit states “*Discharges from the facility are expected to contain total dissolved solids, nitrate-nitrogen, phosphorus, total dissolved solids, sulfate, chloride, fluoride, aluminum, cadmium, chromium, copper, cyanide, and zinc. Wastewater will be treated by reusing deluge and pretreatment required.*” The Permit does not, however, specify the type of pretreatment or to what extent treatment would reduce contaminants in the wastewater. Please clarify what, if any, treatment of deluge wastewater will occur in between launch events and the expected quality of the treated water (i.e., whether (and to what extent) contaminants will be removed during treatment).

Comment: Page 61 of 962 of the Permit states that “*Discharge water will consist of minor amounts of deluge water not captured by the containment area during vehicle launch activities, deluge water captured by the containment area in retention pond and stormwater*”, however the Permit does not calculate the anticipated volume of the discharge to areas outside the launch pad. Although not included in the Permit, information provided to the Service by the Federal Aviation Administration (FAA) on October 5, 2023, as part of an addendum to their October 2021 Biological Assessment (BA) to evaluate the effects of operating a deluge suppression system for the SpaceX Launch Area did provide estimates of wastewater discharge. The BA stated that approximately 71,000 gallons of deluge wastewater could be released as a combination of overland sheet flow, horizontal blow out, and vapor cloud condensation to areas outside the launch pad during each of up to 30 launches on an annual basis. If these estimates are correct, a total of 2,130,000 gallons of deluge wastewater could be discharged annually to areas outside the launch pad, potentially affecting the physical, chemical, and biological properties of State and Federal lands along the discharge route. We are particularly concerned with the potential for accumulation of trace metals in sediment/soils and wildlife that utilize these areas.

Comment: Page 137 of 962 Worksheet 11.2: Source Water Biological Data, Item 1 Species Management - The area in which discharge is proposed is a mosaic of tidal mudflats, saltwater ponds, and algal flats. Wintering birds such as the piping plover (*Charadrius melodus*) and red knot (*Calidris canutus rufa*), both listed as threatened under the Endangered Species Act (ESA), and other shorebirds use the beaches, mud flats, sand flats, algal flats, and washover passes to forage for their primary prey polychaete marine worms, various crustaceans, insects and

occasionally bivalve mollusks. Other migratory waterbirds such as the snowy plover, Wilson's plover and the least tern use the extensive area not only for foraging, but for roosting and nesting as well. It is also designated critical habitat for the piping plover and proposed critical habitat for the red knot. We are also concerned the introduction of, and frequent or constant discharge of, freshwater into the habitat could convert wind tidal flats to vegetated flats resulting in the loss of an unspecified amount of piping plover and red knot habitat.

As stated earlier, permitted discharges would impact areas owned and managed by the Service's LRGVNR. The Service recommends TCEQ and/or SpaceX contact the Refuge and inquire as to whether any additional federal permits are required. Contacts for Refuge include Imer de La Garza, Refuge Manager, imer_delagarza@fws.gov or Stephanie Bilodeau, the Service's SpaceX liaison, at stephanie_bilodeau@fws.gov. We also recommend contacting the International Boundary and Water Commission (IBWC) and inquiring as to whether consultation or permits are required as their jurisdiction extends to parts of the Rio Grande, the land boundary between the United States and Mexico and to the border.

Comment: Page 151 of 962 Attachment G SpaceX Launch Pad TPDES Permit Site Map identifies the Approximate Maximum Deluge System Water Dispersal Limit. Before and after photographs of the area after a launch event reveals the water extends beyond those boundaries shown on the site map. It has at times extended as far south to the SpaceX property line and eastward to the vegetation line. It is anticipated dispersal of water will exceed the dispersal limit identified for Outfall 002, however, Launch Pad Number 2 is under construction and no launch activity or dispersal of deluge water has occurred at that site.

Comment: Page 929 of 962 of the Permit describes the Effluent Limitations and Monitoring Requirements, which stipulate that only chemical oxygen demand (COD) and oil & grease will have numeric limits in the discharge, with no numeric limits for trace metals or other pollutants. The monitoring requirements state that the applicant will monitor and report the remaining constituents in effluent, including daily average flow, COD, and oil & grease, and quarterly maximum concentrations for total copper, total mercury, total thallium, and total zinc. Page 52 of the Permit states that "*Discharges from the facility are expected to contain total dissolved solids, nitrate-nitrogen, phosphorus, total dissolved solids, sulfate, chloride, fluoride, aluminum, cadmium, chromium, copper, cyanide, and zinc.*" Furthermore, starting on page 80 of the Permit, lab analysis of deluge wastewater samples provided by the applicant indicate that multiple trace metals were detected above the minimum analytical limit (MAL), some at levels of concern to wildlife. Trace metals above the MAL included aluminum, arsenic, barium, cadmium, chromium, copper, cyanide, iron, lead, manganese, zinc, and mercury. Trace metals are persistent and can accumulate in the environment, posing a risk to biological resources that utilize the area. Mercury in particular can bioaccumulate up the food web of ecosystems. Mercury was detected at 113 parts per billion (ppb or ug/L) in a grab sample from outfall 001 of the deluge wastewater. There is no safe level for mercury that is considered safe for humans or wildlife, but for comparison the Environmental Protection Agency's Maximum Contaminant Level in drinking water (for human consumption) is considerably lower than what was detected in the deluge wastewater (i.e., 2 ppb). The lab report also included notable results for hexavalent chromium (25.9 ppb), total copper (9.49 ppb), and iron (702 ppb).

Given the number of anticipated launches per year (>24), the volume of deluge wastewater estimated for discharge off-site (i.e., outside the launch area; 2,130,000 gallons per year), and the types and concentration of trace metals (and other pollutants like cyanide) present in the deluge

wastewater, we are concerned that the issuance of this Permit, as currently written, will allow degradation of water quality and wildlife habitat in areas adjacent to Space X property, including lands owned and managed by the State and the Service. Furthermore, since the Permit doesn't place limits on the amounts of trace metals that can be released, with reporting requirements that only monitor pollutants on a launch by launch basis via grab samples (as opposed to other sample media where pollutants could accumulate, like soils/sediments or biota), there is no mechanism in the Permit to determine the extent to which the surrounding environment may be impacted over time by the accumulation of potentially harmful constituents in the deluge wastewater.

Although not a part of the State Texas Pollutant Discharge Elimination System (TPDES) permitting process, the Service has been working with the FAA and SpaceX to develop a Contaminant Monitoring Plan as part of the required Section 7 consultation process per the Endangered Species Act. The Plan is still in development, but currently includes long term monitoring of contaminants of concern in water, soil, and benthic samples within a 0.6 mile area that will be impacted by launch related vapor plumes and overland sheet flows of deluge wastewater. We recommend further coordination between TCEQ, TPWD, SpaceX and the Service to ensure that this Contaminant Monitoring Plan, which is designed to monitor and protect biological resources, is robust and will augment/support monitoring requirements stipulated in the TPDES Permit.

In order to protect Service trust resources and reduce the potential for liability under the ESA, we recommend 1) the draft Permit be modified to address appropriate monitoring 2) conservation measures be implemented by the Applicant to avoid or reduce potential impacts to listed species, and 3) if potential impacts are expected to affect the piping plover and red knot, or designated or proposed as designated critical habitat, that the Permit be federalized by EPA and a request for formal section 7 consultation be submitted to the Service, or that TCEQ seek a Habitat Conservation Plan under Section 10(a)(1)(b) to provide coverage for "take" under the ESA. The Service also recommends reinitiation of the 1998 BO (Consultation Number 2-15-98-F-227) as new species have been listed or delisted and to allow the inclusion of new or updated information as appropriate.

Thank you for helping to conserve America's wildlife resources. The Service appreciates the opportunity to review and comment on SpaceX's proposed new TPDES Permit application WQ0005462000, EPA I.D. Number TX0145251. Please contact Mary Orms at mary_orms@fws.gov if you would like to discuss any our comments.

Sincerely,

CATHERINE
YEARGAN

Digitally signed by
CATHERINE YEARGAN
Date: 2024.10.17
16:51:22 -05'00'

Catherine Yeargan
Field Supervisor

cc:

Stephanie Bilodeau, LRGVNR, Alamo, TX
Imer de la Garza, LRGVNR, Alamo, TX
Daniel Landeros, EPA, Dallas, TX
Brianna Wadley, EPA, Dallas, TX
Marty Kelly, TPWD, Austin, TX

Jennifer Cox

From: PUBCOMMENT-OCC
Sent: Monday, October 21, 2024 11:45 AM
To: PUBCOMMENT-WQ; PUBCOMMENT-ELD; PUBCOMMENT-OCC2; PUBCOMMENT-OPIC
Subject: FW: Public comment on Permit Number WQ0005462000
Attachments: 2024-0150243_TCEQ_SpaceX WWTP_WQ0016342001_Final_signed1.pdf

From: mary_orms@fws.gov <mary_orms@fws.gov>
Sent: Thursday, October 17, 2024 4:57 PM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0005462000

REGULATED ENTY NAME STARBASE LAUNCH PAD SITE

RN NUMBER: RN111606745

PERMIT NUMBER: WQ0005462000

DOCKET NUMBER: 2024-1282-IWD-E

COUNTY: CAMERON

PRINCIPAL NAME: SPACE EXPLORATION TECHNOLOGIES CORP

CN NUMBER: CN602867657

NAME: Mary Orms

EMAIL: mary_orms@fws.gov

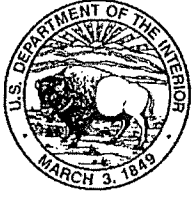
COMPANY: U.S. Fish and Wildlife Service

ADDRESS: 4444 CORONA DR STE 215
CORPUS CHRISTI TX 78411-4300

PHONE: 3619949004

FAX:

COMMENTS: Please see attached



United States Department of the Interior

FISH AND WILDLIFE SERVICE

Texas Coastal and Central Plains Ecological Services Office
Corpus Christi Sub-Office
4444 Corona Drive, Suite 215
Corpus Christi, Texas 78411
PHONE: 361/994-9004



In Reply Refer To:
2025-0006824

October 17, 2024

Ms. Laurie Gharis
Office of the Chief Clerk (MC 105)
Texas Commission on Environmental Quality
P.O. Box 13087
Austin, Texas 78711-3087

Dear Ms. Gharis:

The U.S. Fish and Wildlife Service (Service) received the Texas Commission on Environmental Quality's (TCEQ) Combined Notice of Public Meeting and Notice of Receipt of Application and Intent to Obtain Water Quality Permit (NORI) and Notice of Application and Preliminary Decision for TPDES Permit for Industrial Wastewater (NAPD), Proposed Permit Number WQ0005462000, (EPA I.D. Number TX0145251), filed by Space Exploration Technologies Corporation, 1 Rocket Road, Brownsville, Cameron County, Texas. The notice was issued September 5, 2024, with comments due October 17, 2024.

The Applicant, SpaceX, applied for a new Permit and proposes to discharge a combination of stormwater and non-process deluge system water that is utilized during launch operations, at an intermittent and flow-variable volume via Outfalls 001 and 002. The discharge route will be from the Starbase launch pad site, located on the south side of the eastern terminus of State Highway 4 (25.996969N, -97.156269W), via Outfalls 001 and 002 to tidal wetlands and mudflats immediately outside of the launch pad containment area, to the south/southwest of the launch pad. The discharge then continues south across State (Texas Parks and Wildlife Department) and Federal property (Lower Rio Grande Valley National Wildlife Refuge) south to segment 2301 of the Rio Grande River.

Outfall 001 is located from Launch Tower 1 (east) to mudflats located immediately outside of the containment area and approximately 290 feet southwest of the launch pad, at the bottom southern edge of the containment wall and retention pond located at approximately 25.995617, -97.154928. Outfall 002 is located from Launch Tower 2 (west) to tidal wetlands located immediately outside of the containment area and approximately 100 feet southwest of Launch

Tower 2, at the southern edge of the launch pad, approximately 25.9961862, - 97.1582205. Sampling points for Permit compliance (i.e., monitoring and reporting of pollutants) are located at the two outfalls, which receive combined wastewater flows comprised of variable stormwater, deluge water, water from routine external washing without chemicals/detergents, and water releases from maintenance events.

Segment 2301 extends from the confluence of the Rio Grande with the Gulf of Mexico to a point 6.7 miles downstream of the International Bridge in Cameron County. It is classified as a tidal stream and is designated for exceptional aquatic life use, contact recreation, general use and fish consumption.

According to the Permit application, the Starbase Launch Pad Site serves as a site for rocket launch activity for the SpaceX Starship-Super Heavy launch vehicle. Applicable Standard Industrial Classification (SIC) codes include 3761 Guided Missiles and Space Vehicles. Discharge water will consist of deluge water not captured by the containment area retention pond. Discharges from the facility are expected to contain total dissolved solids, nitrate-nitrogen, phosphorus, total dissolved solids, sulfate, chloride, fluoride, aluminum, cadmium, chromium, copper, cyanide, and zinc. Deluge deflector wastewater will be reused in the deluge system. Sedimentation controls would be utilized to be used/proposed to prepare industrial wastewater for reuse. Cooling water will be used for cooling purposes and be provided by Public Utilities Board of the City of Brownsville, Texas and operator will be Brownsville PUB water hauler. Approximately 25 percent of the total water withdrawn will be used at the facility exclusively for cooling purposes on an annual average basis. TPDES permits are issued for a 5-year period and renewed every 5 years thereafter.

A Tier 1 antidegradation review has preliminarily determined that existing water quality uses will not be impaired by this Permit action. A Tier 3 review has preliminarily determined that no significant degradation of water quality is expected in the tidal wetland, which has been identified as having high aquatic life use. Existing uses will be maintained and protected.

General Comment:

We support and agree with the recommendations provided by the Texas Parks and Wildlife Department (TPWD) in their comment letter dated October 17, 2024, which includes the following:

- Minimize potential impacts to areas outside the launch pad, including wildlife habitat on Boca Chica State Park and the Lower Rio Grande National Wildlife Refuge (LRGVNWR), by constructing retention ponds and a catchment system with sufficient capacity to capture all anticipated wastewater releases from the launch pad.
- To the extent possible, treat/recycle all stormwater and deluge wastewater captured by the retention/catchment system for reuse on future launches to avoid and minimize off-site discharges, until such time as pollutants in the water reach levels of concern and require disposal.
- Lining of the retention ponds with a barrier comprised of materials sufficient to prevent long-term, off-site migration of contaminants and protect groundwater.

- Clarify sources, volumes, methods of treatment, and types of water that will be utilized during the launch deluge process (e.g., amount of reclaimed water versus water sourced from nearby municipal drinking water treatment plant).

INDUSTRIAL WASTEWATER PERMIT APPLICATION TECHNICAL REPORT 1.0

Comment: Page 30 of 962 Item 11b. Discharge/TLAP Disposal Information – This item asked the Applicant to provide a USGS Topographic Map with required information and check the box to confirm it has been included in the map. A confirmed box was new and future construction. However, the maps in this Permit do not reflect future construction the Service consulted on in a May 12, 2022, Biological and Conference Opinion. Expansion of SpaceX's launch facility includes new infrastructure, access road, and fencing to its southern and western boundaries.

Comment: Page 72 of 962 Item 12 Cooling Water on – *As per the application, SpaceX will use cooling waters and approximately 25 percent of total water will be used at the facility exclusively for cooling purposes on an annual average basis.* The application does not state the total number of gallons that will be discharged, so we are unable to determine what 25 percent of the total represents, nor does it reveal the volume of reclaimed water versus potable water.

Comment: Page 52 of 962 of the Permit states “*Discharges from the facility are expected to contain total dissolved solids, nitrate-nitrogen, phosphorus, total dissolved solids, sulfate, chloride, fluoride, aluminum, cadmium, chromium, copper, cyanide, and zinc. Wastewater will be treated by reusing deluge and pretreatment required.*” The Permit does not, however, specify the type of pretreatment or to what extent treatment would reduce contaminants in the wastewater. Please clarify what, if any, treatment of deluge wastewater will occur in between launch events and the expected quality of the treated water (i.e., whether (and to what extent) contaminants will be removed during treatment).

Comment: Page 61 of 962 of the Permit states that “*Discharge water will consist of minor amounts of deluge water not captured by the containment area during vehicle launch activities, deluge water captured by the containment area in retention pond and stormwater*”, however the Permit does not calculate the anticipated volume of the discharge to areas outside the launch pad. Although not included in the Permit, information provided to the Service by the Federal Aviation Administration (FAA) on October 5, 2023, as part of an addendum to their October 2021 Biological Assessment (BA) to evaluate the effects of operating a deluge suppression system for the SpaceX Launch Area did provide estimates of wastewater discharge. The BA stated that approximately 71,000 gallons of deluge wastewater could be released as a combination of overland sheet flow, horizontal blow out, and vapor cloud condensation to areas outside the launch pad during each of up to 30 launches on an annual basis. If these estimates are correct, a total of 2,130,000 gallons of deluge wastewater could be discharged annually to areas outside the launch pad, potentially affecting the physical, chemical, and biological properties of State and Federal lands along the discharge route. We are particularly concerned with the potential for accumulation of trace metals in sediment/soils and wildlife that utilize these areas.

Comment: Page 137 of 962 Worksheet 11.2: Source Water Biological Data, Item 1 Species Management - The area in which discharge is proposed is a mosaic of tidal mudflats, saltwater ponds, and algal flats. Wintering birds such as the piping plover (*Charadrius melodus*) and red knot (*Calidris canutus rufa*), both listed as threatened under the Endangered Species Act (ESA), and other shorebirds use the beaches, mud flats, sand flats, algal flats, and washover passes to forage for their primary prey polychaete marine worms, various crustaceans, insects and

occasionally bivalve mollusks. Other migratory waterbirds such as the snowy plover, Wilson's plover and the least tern use the extensive area not only for foraging, but for roosting and nesting as well. It is also designated critical habitat for the piping plover and proposed critical habitat for the red knot. We are also concerned the introduction of, and frequent or constant discharge of, freshwater into the habitat could convert wind tidal flats to vegetated flats resulting in the loss of an unspecified amount of piping plover and red knot habitat.

As stated earlier, permitted discharges would impact areas owned and managed by the Service's LRGVNR. The Service recommends TCEQ and/or SpaceX contact the Refuge and inquire as to whether any additional federal permits are required. Contacts for Refuge include Imer de La Garza, Refuge Manager, imer_delagarza@fws.gov or Stephanie Bilodeau, the Service's SpaceX liaison, at stephanie_bilodeau@fws.gov. We also recommend contacting the International Boundary and Water Commission (IBWC) and inquiring as to whether consultation or permits are required as their jurisdiction extends to parts of the Rio Grande, the land boundary between the United States and Mexico and to the border.

Comment: Page 151 of 962 Attachment G SpaceX Launch Pad TPDES Permit Site Map identifies the Approximate Maximum Deluge System Water Dispersal Limit. Before and after photographs of the area after a launch event reveals the water extends beyond those boundaries shown on the site map. It has at times extended as far south to the SpaceX property line and eastward to the vegetation line. It is anticipated dispersal of water will exceed the dispersal limit identified for Outfall 002, however, Launch Pad Number 2 is under construction and no launch activity or dispersal of deluge water has occurred at that site.

Comment: Page 929 of 962 of the Permit describes the Effluent Limitations and Monitoring Requirements, which stipulate that only chemical oxygen demand (COD) and oil & grease will have numeric limits in the discharge, with no numeric limits for trace metals or other pollutants. The monitoring requirements state that the applicant will monitor and report the remaining constituents in effluent, including daily average flow, COD, and oil & grease, and quarterly maximum concentrations for total copper, total mercury, total thalium, and total zinc. Page 52 of the Permit states that "*Discharges from the facility are expected to contain total dissolved solids, nitrate-nitrogen, phosphorus, total dissolved solids, sulfate, chloride, fluoride, aluminum, cadmium, chromium, copper, cyanide, and zinc.*" Furthermore, starting on page 80 of the Permit, lab analysis of deluge wastewater samples provided by the applicant indicate that multiple trace metals were detected above the minimum analytical limit (MAL), some at levels of concern to wildlife. Trace metals above the MAL included aluminum, arsenic, barium, cadmium, chromium, copper, cyanide, iron, lead, manganese, zinc, and mercury. Trace metals are persistent and can accumulate in the environment, posing a risk to biological resources that utilize the area. Mercury in particular can bioaccumulate up the food web of ecosystems. Mercury was detected at 113 parts per billion (ppb or ug/L) in a grab sample from outfall 001 of the deluge wastewater. There is no safe level for mercury that is considered safe for humans or wildlife, but for comparison the Environmental Protection Agency's Maximum Contaminant Level in drinking water (for human consumption) is considerably lower than what was detected in the deluge wastewater (i.e., 2 ppb). The lab report also included notable results for hexavalent chromium (25.9 ppb), total copper (9.49 ppb), and iron (702 ppb).

Given the number of anticipated launches per year (>24), the volume of deluge wastewater estimated for discharge off-site (i.e., outside the launch area; 2,130,000 gallons per year), and the types and concentration of trace metals (and other pollutants like cyanide) present in the deluge

wastewater, we are concerned that the issuance of this Permit, as currently written, will allow degradation of water quality and wildlife habitat in areas adjacent to Space X property, including lands owned and managed by the State and the Service. Furthermore, since the Permit doesn't place limits on the amounts of trace metals that can be released, with reporting requirements that only monitor pollutants on a launch by launch basis via grab samples (as opposed to other sample media where pollutants could accumulate, like soils/sediments or biota), there is no mechanism in the Permit to determine the extent to which the surrounding environment may be impacted over time by the accumulation of potentially harmful constituents in the deluge wastewater.

Although not a part of the State Texas Pollutant Discharge Elimination System (TPDES) permitting process, the Service has been working with the FAA and SpaceX to develop a Contaminant Monitoring Plan as part of the required Section 7 consultation process per the Endangered Species Act. The Plan is still in development, but currently includes long term monitoring of contaminants of concern in water, soil, and benthic samples within a 0.6 mile area that will be impacted by launch related vapor plumes and overland sheet flows of deluge wastewater. We recommend further coordination between TCEQ, TPWD, SpaceX and the Service to ensure that this Contaminant Monitoring Plan, which is designed to monitor and protect biological resources, is robust and will augment/support monitoring requirements stipulated in the TPDES Permit.

In order to protect Service trust resources and reduce the potential for liability under the ESA, we recommend 1) the draft Permit be modified to address appropriate monitoring 2) conservation measures be implemented by the Applicant to avoid or reduce potential impacts to listed species, and 3) if potential impacts are expected to affect the piping plover and red knot, or designated or proposed as designated critical habitat, that the Permit be federalized by EPA and a request for formal section 7 consultation be submitted to the Service, or that TCEQ seek a Habitat Conservation Plan under Section 10(a)(1)(b) to provide coverage for "take" under the ESA. The Service also recommends reinitiation of the 1998 BO (Consultation Number 2-15-98-F-227) as new species have been listed or delisted and to allow the inclusion of new or updated information as appropriate.

Thank you for helping to conserve America's wildlife resources. The Service appreciates the opportunity to review and comment on SpaceX's proposed new TPDES Permit application WQ0005462000, EPA I.D. Number TX0145251. Please contact Mary Orms at mary_orms@fws.gov if you would like to discuss any our comments.

Sincerely,

CATHERINE
YEARGAN

Digitally signed by
CATHERINE YEARGAN
Date: 2024.10.17
16:51:22 -05'00'

Catherine Yeargan
Field Supervisor

cc:

Stephanie Bilodeau, LRGVNR, Alamo, TX
Imer de la Garza, LRGVNR, Alamo, TX
Daniel Landeros, EPA, Dallas, TX
Brianna Wadley, EPA, Dallas, TX
Marty Kelly, TPWD, Austin, TX

7

TCEQ Registration Form

October 17, 2024

Space Exploration Technologies Corp.
Proposed TPDES Permit No. WQ0005462000

PLEASE PRINT

Name: Anaid Zapata

Mailing Address: _____

Physical Address (if different): _____

City/State: Brownsville TX Zip: 78506

This information is subject to public disclosure under the Texas Public Information Act

Email: _____

Phone Number: () _____

- Are you here today representing a municipality, legislator, agency, or group? ☐ Yes ☐ No

If yes, which one? _____

☐ Please add me to the mailing list.

☒ I wish to provide formal *ORAL COMMENTS* at tonight's public meeting.

☒ I wish to provide formal *WRITTEN COMMENTS* at tonight's public meeting.

(Written comments may be submitted at any time during the meeting)

Please give this form to the person at the information table. Thank you.