

Jon Niermann, *Chairman*
Emily Lindley, *Commissioner*
Toby Baker, *Executive Director*



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

November 26, 2018

MR DAVID O'DELL
VICE PRESIDENT PIPELINE OPERATIONS
AXIS MIDSTREAM HOLDINGS LLC
5005 RIVERWAY DR STE 110
HOUSTON TX 77056-2123

Re: Expedited Permitting Program Acceptance
Permit Number: 154527
Axis Midstream Holdings Llc
Harbor Island Marine Terminal
Port Aransas, Nueces County
Regulated Entity Number: RN110575685
Customer Reference Number: CN605596816

Dear Mr. O'dell:

Thank you for submitting the Expedited Permitting Request form and surcharge to participate in the Texas Commission on Environmental Quality (TCEQ) Expedited Permitting Program. After reviewing the submittal, the project has been accepted into the Expedited Program pursuant to Title 30 Texas Administrative Code, Chapter 101, Subchapter J.

Please be aware that an expedited review requires a high-quality application that provides all of the information, data, and analysis needed to allow a complete review, and an applicant that is exceptionally responsive to requests for clarification and additional data. I am sure that you will provide a high level of commitment, and I can assure you that the TCEQ will match your commitment efforts.

Review the guidance for expedited permitting on our website at www.tceq.texas.gov/assets/public/permitting/air/Guidance/NewSourceReview/epp-in-impl-guide-external-6258.pdf for information on the program.

Mr. David O'dell
Page 2
November 26, 2018

Re: Permit Number: 154527

If you have any questions related to your expedited permit balance, you may call Mr. Michael Partee at (512) 239-3312.

Sincerely,

A handwritten signature in black ink, appearing to read "Michael Wilson". The signature is fluid and cursive, with the first name "Michael" being more legible than the last name "Wilson".

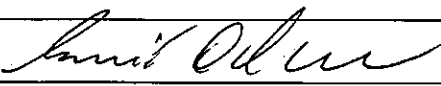
Michael Wilson, P.E., Director
Air Permits Division
Office of Air
Texas Commission on Environmental Quality

Enclosure

cc: Air Section Manager, Region 14 - Corpus Christi

Project Number: 293436

Form APD-EXP Expedited Permitting Request

I. Contact Information	
Company or Other Legal Customer Name: Axis Midstream Holdings, LLC	
Customer Reference Number (CN): TBD	
Regulated Entity Number (RN): TBD	
Company Official or Technical Contact Name: David O'Dell	
Phone Number: 713-623-2412	
Email: dodell@axismidstream.com	
II. Project Information	
Facility Type: Harbor Island Marine Terminal	
Permit Number: TBD	
Project Number: TBD	
III. Economic Justification	
The purpose of the application associated with this request to expedite will benefit the economy of this state or an area of this state.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
IV. Delinquent Fees and Penalties	
Applications will not be expedited if any delinquent fees and/or penalties are owed to the TCEQ or the Office of the Attorney General on behalf of the TCEQ. For more information regarding Delinquent Fees and Penalties, go to the TCEQ Web site at: www.tceq.texas.gov/agency/delin/index.html .	
V. Signature	
The signature below confirms that I have knowledge of the facts included in this application and that these facts are true and correct to the best of my knowledge and belief. As the applicant, I commit to fulfilling all expectations of the expedited permitting program and application requirements promptly. Failure to meet any expectation or requirement may cause my application to be removed from the expedited permitting program and possibly voided at the discretion of the TCEQ Executive Director. The signature further signifies awareness that intentionally or knowingly making or causing to be made false material statements or representations in the application is a criminal offense subject to criminal penalties.	
Name: David O'Dell	
Signature: 	
Date: 11/19/2018	

*Expedite
for 383284
10K*

[Return to Sharenet](#)

12/04/2018 -----NSR IMS - PROJECT RECORD -----

PROJECT#: 293436 STATUS: PENDING
 PROJECT ADMIN NAME: HARBOR ISLAND MARINE TERMINAL
 PROJECT TECH NAME: HARBOR ISLAND MARINE TERMINAL

assigned 12-06-18

PROJECT ACTIONS

Permit	Action Type	Permit Type	Received Date	Permit Status	Renewal Date	Action Status	Complete Date
154527	INITIAL	CONSTRUCT	11/21/2018	PENDING		PENDING	

Assigned Team: ENERGY SECTION

leg

STAFF ASSIGNED TO PROJECT:

SUNIGA, RICHARD - REVIEWR1_2 - AP INITIAL REVIEW
 TEAM LEADER, ENERGY - REVIEW ENG - ENERGY SECTION

COMPANY INFORMATION

Issued To	Company Name	Customer Reference Number
AXIS MIDSTREAM HOLDINGS, LLC	Axis Midstream Holdings, LLC	CN605596816

- CONTACT INFORMATION

Contact Type	Name	Title	Organization Name
RESPONSIBLE OFFICIAL	MR DAVID O'DELL	VICE PRESIDENT PIPELINE OPERATIONS	AXIS MIDSTREAM HOLDINGS LLC

Phone (713) 623-2412 **FAX** **Address** 5005 RIVERWAY DR STE 110, HOUSTON, TX, 77056-2123
EMAIL: DODELL@AXISMIDSTREAM.COM

Contact Type	Name	Title	Organization Name
TECHNICAL CONTACT	MR NEAL A NYGAARD	CHIEF OPERATING OFFICER PRINCIPAL	DISORBO CONSULTING LLC

Phone (713) 955-1221 **FAX** (713) 955-1201 **Address** 1010 TRAVIS ST STE 916, HOUSTON, TX, 77002-5928
EMAIL: NNYGAARD@DISORBOCONSULT.COM

PERMIT INFORMATION

REGULATED ENTITY NUMBER: **RN110575685**

Permit	Account	Permittee Name	County	Region	City	State	Location
154527		HARBOR ISLAND MARINE TERMINAL	NUECES	REGION 14 - CORPUS CHRISTI	PORT ARANSAS	TEXAS	APPROXIMATELY 1.0 MI NW OF HWY 361 FERRY LANDING

- PERMIT AFFILIATION:

Permit1	Related Permit 2	Relationship Type	Start Date
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PROJECT NOTES:

12/04/2018 DFC SOS CLEARED NOT APWL PN DOC 610586

- PERMIT NOTES:

- FEE

Permit	Action Type	Reference	Fee Receipt Number	Fee Amount Paid	Fee Refund Amount	Fee Receipt Date	Fee Payment Type
154527	INITIAL	383285	M906394	75000.00		11/27/2018	CHECK

PUBLIC NOTICE:

Public Hearing Req Number	Public Meeting Req Number	Comment Count	Alternative Languages
0	0	0	SPANISH

- TRACKING ELEMENTS:

TE Name	Start Date	Complete Date
APIRT RECEIVED PROJECT (DATE)	11/21/2018	
ENHANCED ADMINISTRATIVE OR APPLICATIONS REVIEW (EAR)	11/26/2018	11/27/2018
EXPEDITED PERMITTING	11/26/2018	
PUBLIC NOTICE DRAFT SENT TO COMPANY (DATE)	11/29/2018	
APIRT TRANSFERRED PROJECT TO TECHNICAL STAFF (DATE)	12/04/2018	
COMPANY APPROVED DRAFT PUBLIC NOTICE (DATE)	12/04/2018	
LEGISLATORS NOTIFIED OF APPLICATION RECEIVED (DATE)	12/04/2018	
PROJECT DECLARED ADMIN COMPLETE (DATE)	12/04/2018	
SITE REVIEW RFC SENT TO REGION (DATE)	12/04/2018	
1ST NOTICE OCC COMPLETE (DATE)		
2ND NOTICE OCC COMPLETE (DATE)		
2ND PUBLIC NOTICE FINALIZED AND SENT (DATE)		
CENTRAL REGISTRY UPDATED		
COMPLIANCE HISTORY REVIEW COMPLETED (DATE)		
DEFICIENCY CYCLE		
EMISSIONS MODELING CYCLE DONE BY APPLICANT		
EMISSIONS MODELING CYCLE DONE BY TCEQ		
FINAL PACKAGE REWORK CYCLE		
FINAL PACKAGE TO SECTION MANAGER FOR REVIEW (DATE)		
FINAL PACKAGE TO TEAM LEADER OR SUPERVISOR FOR REVIEW (DATE)		
INITIAL MODELING SUMMARY REVIEW CYCLE		
LEGISLATORS NOTIFIED OF DRAFT PERMIT		
MODELING AUDIT CYCLE		
POSTED TO EXECUTIVE DIRECTOR'S AGENDA (DATE)		
PROJECT RECEIVED BY ENGINEER (DATE)		
PROJECT RECEIVED BY TECHNICAL STAFF FROM APIRT (DATE)		
PUBLIC NOTICE COMMENT PERIOD (NSR 1ST NOTICE)		
PUBLIC NOTICE COMMENT PERIOD (NSR 1ST NOTICE) - RENEWAL		
PUBLIC NOTICE COMMENT PERIOD (TITLE V OR NSR #2)		
SITE REVIEW RFC SENT TO REGION (DATE)		
TOXICOLOGY RFC CYCLE		
WORKING DRAFT PERMIT REVIEW CYCLE		
WPO FINAL PACKAGE CYCLE		

- PROJECT ATTRIBUTES:

Attributes	Value
SB1756	FULL

Case-by-case New Source Review Permit Checklist

	Start Date	Complete Date
Receipt of Application		
Application received by the agency.		
Administrative Air Permit Initial Review Team (APIRT)		
APIRT staff creates project folder		
APIRT staff creates Project in the New Source Review Information Management System (NSR-IMS)		
APIRT staff confirm application administratively complete		
APIRT reviews application for public notice applicability		
APIRT staff verifies application fee information and checks for delinquent fees		
APIRT staff prepares public notice draft and sends to the applicant for review		
APIRT staff finalizes public notice package with final dates, provides copies to applicant, EPA, Chief Clerk's office, regional office, and local programs as applicable, and mails original public notice package (NORI).		
APIRT staff generates and sends notice letters to public officials, as applicable		
Enhanced Administrative Review		
NSR staff retrieves the project and conducts an initial review		
NSR staff calls applicant about deficiency, if needed		
NSR staff drafts deficiency letter, if needed		
NSR staff returns the project to APIRT for administrative processing or generation of 10 day NOD		
APIRT drafts a void letter and sends to the applicant if no response is received for the NOD, if applicable		
APIRT returns the project to the NSR staff for review of any responses received, if applicable		
NSR staff reviews the response to the NOD, if applicable		
NSR staff returns the project to APIRT noting to proceed or void the project.		
Project Assignment		
Air Dispersion Modeling Team (ADMT) transfers the project to the NSR Reviewer		
Supervisor assigns the project in IDA and enters any applicable tracking elements		

January 8, 2019

Initial Review		
Reviewer conducts initial review of entire permitting package (time dependent on complexity)		
PI-1, Table 30, Area map, process flow diagram		
Process description, BACT, rule review		
Review of calculations	01/08/2019	
Federal Applicability determination: Project increases/netting		
NSR staff calls applicant about deficiency, if needed		
First deficiency letter (30 day deadline), if needed		
Applicant prepares response		
Runs macro to develop technical review		
Begins work on technical review document including Project Overview, BACT, Process/Project Description, etc.		
Compliance history check		
Review of deficiency response		
NSR staff calls applicant about deficiency, if needed		
Second deficiency letter (15 day deadline), if needed		
Applicant prepares response		
Review of second deficiency		
Review of NORI docs		
Newspaper tearsheets submitted within 10 days of date of last publication and reviewed		
Affidavits of publication submitted within 30 days of date of last publication and reviewed		
Public Notice Verification Form submitted within 10 days after comment period is over and reviewed		
OCC enters receipt date into CID		
Drafting Permit		
Draft permit special conditions		
Draft MAERT based on calculations and emissions represented in the table 1(a).		
Applicant reviews proposed draft permit (conducted simultaneously with regional review of draft)		
Respond to regional office comments. Ensure all comments are appropriately addressed and updates made.		
Update draft conditions and/or MAERT to include additional permit limits resulting from modeling audit, toxicology review, or changes from other completed projects impacting the same permit		

January 8, 2019

Respond to and negotiate with applicant regarding comments received from the applicant on the draft and update conditions and MAERT as appropriate		
MERA / SCREEN		
Review MERA submitted by applicant to distinguish those pollutants which fell out of the MERA without using SCREEN or refined modeling		
Run and/or verify SCREEN as applicable to verify unit impact multiplier for pollutant and compare those results to those submitted		
If refined modeling or complex screen provided, request audit from ADMT		
Pre-Modeling Meeting		
NSR Reviewer initiates request for pre-modeling meeting and schedules meeting		
Applicant prepares and submits modeling summary prior to modeling meeting * simultaneously applicant conducts modeling and prepares package		
ADMT staff reviews summary		
PSD Protocol Review		
NSR reviewer initiates request for protocol review		
ADMT staff reviews protocol and drafts response		
ADMT Team Leader reviews and approves protocol response		
Protocol response provided to permit reviewer / applicant		
Modeling (including audit)		
Applicant conducts modeling and prepares air quality analysis package		
NSR Reviewer reviews modeling package submitted by applicant to ensure that all sources and emission rates are consistent with permit application.		
ADMT staff conducts initial review of modeling report and processes modeling files		
ADMT staff conducts audit of Air Quality Analysis		
ADMT staff audits PSD Air Quality Analysis requirements		
ADMT staff calls applicant about deficiency		
ADMT staff drafts a list of deficiencies and sends to applicant		
Applicant reviews deficiencies and provides responses / updated modeling		
ADMT staff finalizes Modeling Audit Memorandum		
ADMT staff provides Modeling Audit Memorandum to NSR reviewer		

January 8, 2019

Review final audit to determine if health impacts require Toxicological Review and identify additional limits/conditions to the permit resulting from the audit		
Toxicology		
Send via email to Toxicology and record in IDA		
RFC received by Toxicology, logged into in-house log and assigned to a Toxicologist for review		
Toxicologist reviews permit with emphasis on location of receptors, conservatism, likelihood of public exposure, magnitude and frequency of ESL exceedances etc.		
Toxicologist types up review and submits to the Air Permits Coordinator in the TD		
Air Permits Coordinator reviews the draft and returns it to the Toxicologist for submission to APD		
NSR receives and reviews toxicology memo.		
Develop deficiency notice and send to applicant if issues discovered during toxicology review		
Applicant evaluates and responds to deficiency notice		
Poor Performer (if applicable)		
Update draft conditions to include a reduction in the renewal period (5 years instead of 10) and to no longer allow or limit the use of permit by rules.		
Include statement regarding changes in technical review document		
Submit final package or working draft permit to supervisor for review		
Notice of Application and Preliminary Decision (NAPD)		
SB709 notification 30 days before NAPD mailed		
NAPD package developed by permit reviewer (running macro, preparing folder with all docs, etc.)		
NAPD mailed to applicant by APD		
NAPD mailed to mailing list by OCC		
Application in public place		
Newspaper tearsheets submitted within 10 days of date of publication and reviewed		
Affidavits of publication submitted within 30 days of date of publication and reviewed		
Public Notice Verification Form submitted within 10 days after comment period is over and reviewed		
OCC enters receipt date into CID		

Response to Comments (RTC) - with average amount of public interest/non-controversial		
Prepare RTC (run macro, summarize comments, draft responses)		
Send to OLS Senior Air Attorney		
OLS files RTC within 60 days of the end of the public comment period		
RTC mailed by OCC to commenters and mailing list		
Public Meetings		
Send request for attorney to determine if meeting will be held. Grant if significant interest, elected official requested, or is a federal project		
Attorney sends request to OCC to schedule meeting		
OCC works with applicant, permitting, and legal to schedule the meeting		
Applications with Contested Case Hearing Requests		
Commission considers hearing requests at agenda		
If CCH granted, case sent to SOAH		
Final Issuance (No CCH)		
Final issuance package prepared by permit reviewer (running macro, dating conditions/permit, preparing folder)		
Final issuance package reviewed and approved by Division Director		

This checklist serves to document those parts of the application review that have been completed. Change in representations or updates to the application could result in the need to review items that have been marked complete. Applications are not deemed technically complete until the issuance of NAPD or permit issuance.

Richard Suniga

From: Richard Suniga
Sent: Tuesday, December 4, 2018 2:33 PM
To: OCC-NSR; 'R6AirPermitsTX@epa.gov'
Cc: RFCAIR14; 'dodell@axismidstream.com'; 'Neal Nygaard'
Subject: INITIAL, Axis Midstream Holdings, LLC, Project: 293436, Permit(s): 154527,
Attachments: PN1 - Notice of Intent Public Notice - 154527 Axis Midstream Holdings, LLC (Initial, 293436).docx

Please see Public Notice attached.

Richard Suniga

From: Richard Suniga
Sent: Tuesday, December 4, 2018 2:16 PM
To: RFCAIR14
Subject: Site Review/Request for Comments for Project Number 293436
Attachments: RFC-293436.docx

PLEASE DO NOT RESPOND TO THE PERSON SENDING THIS EMAIL.

This is a request for comments. Please submit comments to the individual and within the specified time frame as identified in the attached file.

Richard Suniga

From: Neal Nygaard <nnygaard@disorboconsult.com>
Sent: Tuesday, December 4, 2018 1:34 PM
To: Richard Suniga
Cc: David O'Dell; James Wedemeier; Jesse Lovegren
Subject: RE: Draft Public Notice, Axis Midstream Holding, LLC, 154527, 293436
Attachments: Draft PN Axis Midstream Holdings LLC 154527.docx

Richard,

We approve the latest draft that was provided.

Neal

From: Richard Suniga <richard.suniga@tceq.texas.gov>
Sent: Tuesday, December 04, 2018 1:08 PM
To: Neal Nygaard <nnygaard@disorboconsult.com>
Subject: RE: Draft Public Notice, Axis Midstream Holding, LLC, 154527, 293436

Please see revised draft.

Mr. Nygaard,

Please see the attached file.

Sincerely,

Richard Suniga, License & Permit Specialist
Texas Commission on Environmental Quality | Office of Air
Air Permits Division | Air Permits Initial Review Team
12100 Park 35 Circle, Bldg. C, Austin, TX 78753
Mail: MC-161, P.O. Box 13087, Austin TX 78711-3087
(512) 239-5325 | Richard.Suniga@tceq.texas.gov
Web Site: www.tceq.texas.com

Please consider whether it is necessary to print this e-mail
How are we doing? www.tceq.texas.gov/customersurvey



From: Neal Nygaard <nnygaard@disorboconsult.com>
Sent: Monday, December 3, 2018 11:28 AM
To: Richard Suniga <Richard.Suniga@tceq.texas.gov>
Cc: David O'Dell <dodell@axismidstream.com>
Subject: RE: Draft Public Notice, Axis Midstream Holding, LLC, 154527, 293436

Richard,

Please see the attached to replace this mornings version. The version this morning was corrupt in the conversion.

Neal

From: Neal Nygaard
Sent: Monday, December 03, 2018 10:34 AM
To: 'Richard Suniga' <richard.suniga@tceq.texas.gov>
Cc: 'David O'Dell' <dodell@axismidstream.com>
Subject: RE: Draft Public Notice, Axis Midstream Holding, LLC, 154527, 293436

Richard,

Per your request, an updated PI-1 is attached. Note that the update reflects a change to the public notice file location and corrects the bilingual notice determination. The Port Aransas ISD is not required to offer a bilingual program.

Neal

From: Richard Suniga <richard.suniga@tceq.texas.gov>
Sent: Friday, November 30, 2018 2:40 PM
To: Neal Nygaard <nnygaard@disorboconsult.com>
Subject: RE: Draft Public Notice, Axis Midstream Holding, LLC, 154527, 293436

Mr. Nygaard,

Please provide a revised page 6 of the PI-1 with the new Name of the Public Place information, upon receipt I will proceed with the administrative review.

Thank you,

Richard Suniga, License & Permit Specialist
Texas Commission on Environmental Quality | Office of Air
Air Permits Division | Air Permits Initial Review Team
12100 Park 35 Circle, Bldg. C, Austin, TX 78753
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From: Neal Nygaard <nnygaard@disorboconsult.com>
Sent: Friday, November 30, 2018 2:26 PM
To: Richard Suniga <Richard.Suniga@tceq.texas.gov>
Cc: David O'Dell <dodell@axismidstream.com>
Subject: RE: Draft Public Notice, Axis Midstream Holding, LLC, 154527, 293436

Richard,

Please find the updated PN package which reflects updates to the list of pollutants, public notice document location, and removal of the P.E.

Please let me know if you have any follow up questions.

Neal

From: Richard Suniga <richard.suniga@tceq.texas.gov>
Sent: Thursday, November 29, 2018 1:57 PM
To: Neal Nygaard <nnygaard@disorboconsult.com>
Subject: Draft Public Notice, Axis Midstream Holding, LLC, 154527, 293436

We have attached a draft portion of the Notice of Receipt of Application and Intent to Obtain a Permit, which contains information relevant to your application. The public notice is a legally approved document and only the items listed below are subject to approval/correction. If draft approval is not received within 2 working days, the notice package will be filed with the Chief Clerks' office "As Is". Please review the following information carefully and provide us with any corrections as soon as possible:

- * facility address or driving directions to the facility
- * hyperlink for the map to facility - please confirm the map shows the general vicinity of the facility
- * contaminants list
- * public viewing place (must be in the same county as the facility and may be required to have internet access)
- * for renewal applications, check all previous permitting actions to make sure they are listed in example A
- * contact person and contact information
- * big or small business status (If your answers on your application indicate that you qualify as a small business, you will not receive Example B with your draft or final package)

If you determine that you must meet the alternative language notice requirements, you are responsible for ensuring that the publication in the alternative language is complete and accurate in that language. Spanish notice templates are available through the Air Permits Division Web site at www.tceq.state.tx.us/permitting/air/nav/air_publicnotice.html. All italic notes should be replaced with the corresponding Spanish translations for the specific application and published in the alternative language publication.

A delinquent fee/penalty check will be performed before declaring your application administratively complete. Please do not publish until your application has been declared administratively complete or you may be required to re-publish. Once declared administratively complete you will receive an email containing an administratively complete letter and public notice package. Then we will file the original notice package with the Chief Clerk for mailing.

Your prompt response is appreciated.

Richard Suniga, License & Permit Specialist
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Sent: Monday, December 3, 2018 10:34 AM
To: Richard Suniga
Cc: David O'Dell
Subject: RE: Draft Public Notice, Axis Midstream Holding, LLC, 154527, 293436
Attachments: PI-1-Updated 12.03.2018.pdf

Richard,

Per your request, an updated PI-1 is attached. Note that the update reflects a change to the public notice file location and corrects the bilingual notice determination. The Port Aransas ISD is not required to offer a bilingual program.

Neal

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- * facility address or driving directions to the facility
- * hyperlink for the map to facility - please confirm the map shows the general vicinity of the facility
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- * contact person and contact information
- * big or small business status (If your answers on your application indicate that you qualify as a small business, you will not receive Example B with your draft or final package)

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- * big or small business status (If your answers on your application indicate that you qualify as a small business, you will not receive Example B with your draft or final package)

If you determine that you must meet the alternative language notice requirements, you are responsible for ensuring that the publication in the alternative language is complete and accurate in that language. Spanish notice templates are available through the Air Permits Division Web site at www.tceq.state.tx.us/permitting/air/nav/air_publicnotice.html. All italic notes should be replaced with the corresponding Spanish translations for the specific application and published in the alternative language publication.

A delinquent fee/penalty check will be performed before declaring your application administratively complete. Please do not publish until your application has been declared administratively complete or you may be required to re-publish. Once declared administratively complete you will receive an email containing an administratively complete letter and public notice package. Then we will file the original notice package with the Chief Clerk for mailing.

Your prompt response is appreciated.

Richard Suniga, License & Permit Specialist
Texas Commission on Environmental Quality | Office of Air
Air Permits Division | Air Permits Initial Review Team
12100 Park 35 Circle, Bldg. C, Austin, TX 78753
Mail: MC-161, P.O. Box 13087, Austin TX 78711-3087
(512) 239-5325 | Richard.Suniga@tceq.texas.gov
Web Site: www.tceq.texas.com

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Who Represents Me? Districts By Zip

Zip Code: 78336

Texas U.S. Senators

U.S. Senators represent the entire state. Texas' current U.S. Senators are Senator John Cornyn and Senator Ted Cruz. See their websites for current contact information.

Texas U.S. Representative

Congressional District 27--Congressman Michael Cloud
Texas Congressional Member Websites

Texas State Senators

Texas State Senate District 18--Senator Lois W. Kolkhorst
Capitol Office: CAP GE.4
Capitol Phone: (512) 463-0118
Capitol Address: P.O. Box 12068, Capitol Station
Austin, TX 78711
District Address: 2000 S. Market St. #101
Brenham TX 77833
Phone: (979) 251-7888
State District Offices

Texas State Senate District 20--Senator Juan 'Chuy' Hinojosa
Capitol Office: CAP 3E.6
Capitol Phone: (512) 463-0120
Capitol Address: P.O. Box 12068, Capitol Station
Austin, TX 78711
District Address: 1508 S. Lone Star Way, Suite 6A
Edinburg TX 78539
Phone: (956) 972-1841
State District Offices

Texas State Senate District 21--Senator Judith Zaffirini
Capitol Office: CAP 1E.14
Capitol Phone: (512) 463-0121
Capitol Address: P.O. Box 12068, Capitol Station
Austin, TX 78711
District Address: P.O. Box 627
Laredo TX 78042
Phone: (956) 722-2293
State District Offices

Texas State Representatives

Texas State House District 30--Representative Geanie W. Morrison
Capitol Office: CAP 1W.6
Capitol Phone: (512) 463-0456
Capitol Address: P.O. Box 2910
Austin, TX 78768
District Address: 1908 North Laurent, Ste. 500
Victoria TX 77901

Phone: (361) 572-0196

Texas State House District 32--Representative Todd A. Hunter

Capitol Office: CAP 1W.11

Capitol Phone: (512) 463-0672

Capitol Address: P.O. Box 2910

Austin, TX 78768

District Address: 15217 S.P.I. Drive, #205

Corpus Christi TX 78418

Phone: (361) 949-4603

Texas State House District 43--Representative J. M. Lozano

Capitol Office: CAP 1W.4

Capitol Phone: (512) 463-0463

Capitol Address: P.O. Box 2910

Austin, TX 78768

District Address: 1512-A Wildcat, Suite 106

Portland TX 78374

Phone: (361) 643-0063

Texas State Board of Education Member

Texas State SBOE District 2--Mr. Ruben Cortez, Jr.

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Corpus Christi Public Libraries

Calendar of Events

◀◀ December 2018 ▶▶

Su	Mo	Tu	We	Th	Fr	Sa
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
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30	31					

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[Home](#) » [Calendar of Events](#) » Anita & W.T. Neyland Public Library

Anita & W.T. Neyland Public Library

Street: 1230 Carmel Pkwy.
ZIP: 78411
City: Corpus Christi
State: TX
Country: 



Description

Contact us at (361) 826-2370 for more information.

Filter

Limit

<u>Date</u>	<u>Title</u>	<u>Where</u>	<u>Type</u>
12.03.2018 06:00 PM	Family Fun Pajama Party	Anita & W.T. Neyland Public Library	General Library Event
	Talented Toddlers		

<u>Date</u>	<u>Title</u>	<u>Where</u>	<u>Type</u>
12.04.2018 10:15 AM		Anita & W.T. Neyland Public Library	Children's Program
12.04.2018 10:30 AM	<u>Play Zone</u>	Anita & W.T. Neyland Public Library	Children's Program
12.04.2018 11:00 AM	<u>Junior Geniuses!</u>	Anita & W.T. Neyland Public Library	Children's Program
12.05.2018 10:15 AM	<u>Talented Toddlers</u>	Anita & W.T. Neyland Public Library	Children's Program
12.05.2018 10:30 AM	<u>Play Zone</u>	Anita & W.T. Neyland Public Library	Children's Program
12.05.2018 11:00 AM	<u>Junior Geniuses!</u>	Anita & W.T. Neyland Public Library	Children's Program
12.06.2018 10:15 AM	<u>Music and Rhyme, Wiggle Time!</u>	Anita & W.T. Neyland Public Library	Children's Program
12.08.2018 11:00 AM - 01:00 PM	<u>Chess Club</u>	Anita & W.T. Neyland Public Library	General Library Event
12.10.2018 10:30 AM	<u>Neyland Mystery Book Club</u>	Anita & W.T. Neyland Public Library	Adult / YA
12.11.2018 10:15 AM	<u>Talented Toddlers</u>	Anita & W.T. Neyland Public Library	Children's Program
12.11.2018 10:30 AM	<u>Play Zone</u>	Anita & W.T. Neyland Public Library	Children's Program
12.11.2018 11:00 AM	<u>Junior Geniuses!</u>	Anita & W.T. Neyland Public Library	Children's Program
12.11.2018 04:00 PM	<u>Neyland Literary & Pic Society</u>	Anita & W.T. Neyland Public Library	Adult / YA
12.12.2018 10:15 AM	<u>Talented Toddlers</u>	Anita & W.T. Neyland Public Library	Children's Program

<< Start < Prev 1 2 3 4 5 6 Next > End >>

Page 1 of 6

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Richard Suniga

From: Richard Suniga
Sent: Monday, November 26, 2018 11:45 AM
To: Stephanie Ross
Subject: Expedited Permitting Request

Project number: 293436
Company name: Axis Midstream Holdings, LLC
Permit / registration number: 154527
Surcharge amount: \$10,000.00
Check / voucher number: Copy of check number 383284

Thank you,

Richard Suniga, License & Permit Specialist
Texas Commission on Environmental Quality | Office of Air
Air Permits Division | Air Permits Initial Review Team
12100 Park 35 Circle, Bldg. C, Austin, TX 78753
Mail: MC-161, P.O. Box 13087, Austin TX 78711-3087
(512) 239-5325 | Richard.Suniga@tceq.texas.gov
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DiSorbo

Environmental Consulting Firm

1010 Travis St. | Suite 916 | Houston, TX 77002
phone 713.955.1230 | fax 713.955.1201 | web www.disorboconsult.com

November 14, 2018



Mr. Johnny Bowers
Texas Commission on Environmental Quality
Air Permits Initial Review Team-MC161
12100 Park 35 Circle
Austin, TX, 78753

**Re: New Source Review Permit Application
Axis Midstream Holdings, LLC
Harbor Island Marine Terminal
Aransas Pass, Nueces County**

Dear Mr. Bowers:

On behalf of Axis Midstream Holdings, LLC (Axis), DiSorbo Consulting, LLC is submitting the enclosed permit application to authorize the construction and operated a marine terminal capable of loading crude oil and/or crude oil condensates onto ocean going ships/barges and inland barges via two loading berths near Aransas Pass, Texas.

Axis requests this application to be reviewed via the expedited permitting process as the facilities included in this application will benefit the economy by providing economic opportunities to both third party contractors and the local communities near the Aransas Pass, TX. If you have any questions or require additional information, please feel free to contact me at (713) 955-1221 or Mr. David Odell of Axis at 713-623-2412.

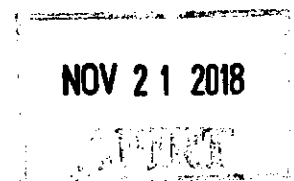
Sincerely,

DiSorbo Consulting, LLC

Neal A. Nygaard
Chief Operating Officer, Principal

Enclosures

cc: Ms. Kelly Ruble, Air Section Manager, TCEQ Region 14, Corpus Christi, TX



AIR PERMITS DIVISION

NOV 21 2018

HAND-DELIVERED

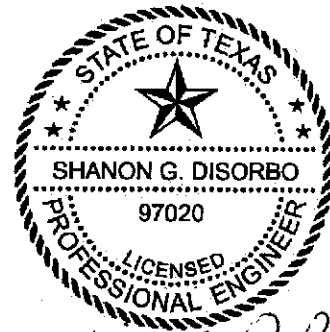
21 NOV 2018 AM 5:44 TCEQ R14

New Source Review Permit Application Texas Commission on Environmental Quality



Axis Midstream Holdings, LLC
Aransas Pass, Nueces County, Texas

November 2018



Shanon G. DiSorbo, P.E.

DiSorbo Consulting, LLC

TBPE# 15665



DiSorbo
Environmental Consulting Firm

1010 Travis St.
713.955.1230 (P)

Suite 916
713.955.1201 (F)

Houston, TX 77002
www.disorboconsult.com

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Appendices

Appendix A Routine Emission Calculation Details

Appendix B MSS Emission Calculation Details

Section 1 Project Information

1.1 Introduction

Axis Midstream Holdings, LLC (Axis) is planning to construct and operate a marine terminal on Harbor Island near Aransas Pass, Nueces County, Texas. The Harbor Island Marine Terminal will receive and load crude oil and/or crude oil condensates onto ocean going ships/barges and inland barges.

This application provides all of the information necessary for the TCEQ to make the determination that the construction of the proposed facilities, discussed below, are authorized by 30 TAC Chapter 116.

1.2 Project Description

Axis proposes to construct and operated a marine terminal capable of loading crude oil and/or crude oil condensates onto ocean going ships/barges and inland barges via two loading berths. Vapors associated with the loading of crude oil and/or crude oil condensates will be collected and routed to a vapor control system which consists of eight vapor combustion units (VCUs). In addition, Axis proposes to construct a storage tank to be utilized for pipeline relief and/or the storage of residual crude and/or crude oil condensate associated with loading operations. Also included in this application are piping components and maintenance, startup, and shutdown activities associated with the storage tank and marine loading operations.

Table 1-1, at the end of this section, presents a summary of the project emissions compared to Prevention of Significant Deterioration (PSD) applicability thresholds. As shown Table 1-1, the project emissions are below the major source thresholds for all pollutants; therefore, PSD permitting do not apply to the facilities included in this application.

1.3 Application Organization

This application is organized into the following sections:

Section 1 presents the application objectives and organization.

Section 2 contains the TCEQ Core Data Form, TCEQ Form APD-EXP, TCEQ form PI-1 and Table 30; as well as a copy of the fee check.

Section 3 contains an Area Map showing the site location.

Section 4 contains a process description of the sources associated with this permit application for the proposed Harbor Island Marine Terminal.

Section 5 contains a discussion of the estimated emissions from the facilities included in this application.

Section 6 presents the BACT analysis for the facilities included in this application.

Section 7 addresses applicability of the federal Nonattainment New Source Review (NNSR) and Prevention of Significant Deterioration (PSD) permitting requirements.

Section 8 presents the General Application Requirements that address the applicability of state and federal air regulations.

Appendix A contains the detailed routine emission calculations for the facilities included in this application (Contains Confidential Information).

Appendix B contains detailed emission calculations for maintenance, startup, and shutdown (MSS) activities (Contains Confidential Information).

**Texas Commission on Environmental Quality
Form PI-1 General Application for
Air Preconstruction Permit and Amendment
Page 1**

Important Note: The agency requires that a Core Data Form be submitted on all incoming applications unless a Regulated Entity and Customer Reference Number have been issued and no core data information has changed. For more information regarding the Core Data Form, call (512) 239-5175 or go to www.tceq.texas.gov/permitting/central_registry/guidance.html.

I. Applicant Information		
A. Company or Other Legal Name: Axis Midstream Holdings, LLC		
Texas Secretary of State Charter/Registration Number (if applicable):		
B. Company Official Contact Information: (<input checked="" type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Other:)		
Name: David O'Dell		
Title: Vice President Pipeline Operations		
Mailing Address: 5005 Riverway, Suite 110		
City: Houston	State: TX	ZIP Code: 77056
Telephone No.: 713-623-2412	Fax No.:	
E-mail Address: dodell@axismidstream.com		
<i>All permit correspondence will be sent via electronic copies unless hard copies are specifically requested through regular mail. The company official must initial here if hard copy correspondence is requested.</i>		
C. Technical Contact Name Information: (<input checked="" type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Other:)		
Name: Neal Nygaard		
Title: Chief Operating Officer, Principal		
Company Name: DiSorbo Consulting, LLC		
Mailing Address: 1010 Travis Street, Suite 916		
City: Houston	State: Texas	ZIP Code: 77002
Telephone No.: 713-955-1221	Fax No.: 713-955-1201	
E-mail Address: nnygaard@disorboconsult.com		
D. Site Name: Harbor Island Marine Terminal		
E. Area Name/Type of Facility: Marine Loading		<input checked="" type="checkbox"/> Permanent <input type="checkbox"/> Portable
For portable units, please provide the serial number of the equipment being authorized below.		
Serial No:	Serial No:	
F. Principal Company Product or Business: Bulk Petroleum Marine Terminal		
Principal Standard Industrial Classification Code (SIC): 4612		
Principal North American Industry Classification System (NAICS): 486110		
G. Projected Start of Construction Date: TBD		
Projected Start of Operation Date: TBD		

Energy

*PN-610586
SRV*

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605596816*
Page ___ of ___

Table 1-1
 Federal NSR Applicability Analysis Summary
 Axis Midstream Holdings, LLC
 Harbor Island Marine Terminal
 November 2018

EPN	Facility Description	Federal NSR Classification	VOC			NOx			CO			SO2		
			Baseline	Proposed	Project Increase	Baseline	Proposed	Project Increase	Baseline	Proposed	Project Increase	Baseline	Proposed	Project Increase
			tpy	tpy	tpy	tpy	tpy	tpy	tpy	tpy	tpy	tpy	tpy	tpy
BERTHCAP	Berth Loading Fugitives Emissions Cap	New	-	52.80	52.80	-	-	-	-	-	-	-	-	-
MVCU-1 - MVCU-8	Controlled Loading Annual Emissions Cap	New	-	97.19	97.19	-	118.06	118.06	-	236.12	236.12	-	90.48	90.48
50-1	Recycle Tank No. 1	New	-	1.60	1.60	-	-	-	-	-	-	-	-	-
50-2	Recycle Tank No. 2	New	-	1.60	1.60	-	-	-	-	-	-	-	-	-
T-COMB-1	Temporary Portable Combustion Unit	New	-	0.24	0.24	-	5.57	5.57	-	7.42	7.42	-	0.06	0.06
MSS	MSS Emissions Cap	New	-	0.53	0.53	-	0.63	0.63	-	0.84	0.84	-	0.02	0.02
FUG	Piping Fugitive Components	New	-	3.40	3.40	-	-	-	-	-	-	-	-	-
Project Increase (tpy)					157.36			124.26			244.39			90.56
Major Source Threshold (tpy)					250			250			250			250
Existing Major Source (Yes/No)					No			No			No			No
Project Major Source By Itself (Yes/No)					No			No			No			No
Federal Review Required (Yes/No)					No			No			No			No

Table 1-1
 Federal NSR Applicability Analysis Summary
 Axis Midstream Holdings, LLC
 Harbor Island Marine Terminal
 November 2018

EPN	Facility Description	Federal NSR Classification	H2S			PM/PM10/PM2.5			CO2e		
			Baseline	Proposed	Project Increase	Baseline	Proposed	Project Increase	Baseline	Proposed	Project Increase
			tpy	tpy	tpy	tpy	tpy	tpy	tpy	tpy	tpy
BERTHCAP	Berth Loading Fugitives Emissions Cap	New	-	-	-	-	-	-	-	-	-
MVCU-1 - MVCU-8	Controlled Loading Annual Emissions Cap	New	-	0.96	0.96	-	8.80	8.80	-	174,983.94	174,983.94
50-1	Recycle Tank No. 1	New	-	-	-	-	-	-	-	-	-
50-2	Recycle Tank No. 2	New	-	-	-	-	-	-	-	-	-
T-COMB-1	Temporary Portable Combustion Unit	New	-	0.00	0.00	-	0.28	0.28	-	2,608	2,608
MSS	MSS Emissions Cap	New	-	0.03	0.03	-	0.78	0.78	-	1,607.65	1,607.65
FUG	Piping Fugitive Components	New	-	0.00	0.00	-	-	-	-	-	-
Project Increase (tpy)					1.00			9.85			179,199
Major Source Threshold (tpy)					250			250			75,000
Existing Major Source (Yes/No)					No			No			No
Project Major Source By Itself (Yes/No)					No			No			No
Federal Review Required (Yes/No)					No			No			No

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
Table 1(a) Emission Point Summary

Permit Number:	TBD	RN Number:	TBD	Date:	Nov. 2018
Company Name:	Axis Midstream Holdings, LLC				

Review of applications and issuance of permits will be expedited by supplying all necessary information requested on this Table.

AIR CONTAMINANT DATA						EMISSION POINT DISCHARGE PARAMETERS											
1. Emission Point		2. Component or Air Contaminant Name		3. Air Contaminant Emission Rate		4. UTM Coordinates of Emission Point			5. Height Above			6. Stack Exit Data			7. Fugitives		
EPN (A)	FIN (B)	NAME (C)	Pounds per Hour (A)	TPY (B)	Zone	East (Meters)	North (Meters)	Ground (Feet)	Diameter (Feet) (A)	Velocity (fps) (B)	Temp (°F) (C)	Length (ft) (A)	Width (ft) (B)	Axis			
BERTH-1	BERTH-1	Berth 1 Loading Fugitives	9.05	-	-	-	-	-	-	-	-	-	-	-	-		
		H2S	0.01	-	-	-	-	-	-	-	-	-	-	-	-		
BERTH-2	BERTH-2	Berth 2 Loading Fugitives	9.05	-	-	-	-	-	-	-	-	-	-	-	-		
		H2S	0.01	-	-	-	-	-	-	-	-	-	-	-	-		
BERTHCAP	BERTHCAP	Berth Loading Fugitives	-	52.80	-	-	-	-	-	-	-	-	-	-	-		
		Emissions Cap	-	0.03	-	-	-	-	-	-	-	-	-	-	-		
MVCU-1	MVCU-1	VOC	12.53	-	-	-	-	-	-	-	-	-	-	-	-		
		NOx	12.53	-	-	-	-	-	-	-	-	-	-	-	-		
		CO	25.05	-	-	-	-	-	-	-	-	-	-	-	-		
		H ₂ S	6.14	-	-	-	-	-	40	12	20.47	1400	-	-	-		
		SO ₂	11.79	-	-	-	-	-	-	-	-	-	-	-	-		
		PM/PM ₁₀ /PM _{2.5}	0.93	-	-	-	-	-	-	-	-	-	-	-			

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
Table 1(a) Emission Point Summary

Permit Number:	TBD	RN Number:	TBD	Date:	Nov. 2018
Company Name:	Axis Midstream Holdings, LLC				

Review of applications and issuance of permits will be expedited by supplying all necessary information requested on this Table.

AIR CONTAMINANT DATA						EMISSION POINT DISCHARGE PARAMETERS											
1. Emission Point			2. Component or Air Contaminant Name	3. Air Contaminant Emission Rate		4. UTM Coordinates of Emission Point			5. Height Above			6. Stack Exit Data			7. Fugitives		
EPN (A)	FIN (B)	NAME (C)		Pounds per Hour (A)	TPY (B)	Zone (Meters)	East (Meters)	North (Meters)	Ground (Feet)	Diameter (Feet) (A)	Velocity (fps) (B)	Temp (°F) (C)	Length (ft) (A)	Width (ft) (B)	Axis (Degrees) (C)		
MVCU-2	MVCU-2	Controlled Marine Loading VCU No. 2	VOC	12.53	-	-	-	-	40	12	20.47	1400	-	-	-		
			NOx	12.53	-												
			CO	25.05	-												
			H ₂ S	6.14	-												
			SO ₂	11.79	-												
PM/PM ₁₀ /PM _{2.5}	0.93	-															
MVCU-3	MVCU-3	Controlled Marine Loading VCU No. 3	VOC	12.53	-	-	-	-	40	12	20.47	1400	-	-	-		
			NOx	12.53	-												
			CO	25.05	-												
			H ₂ S	6.14	-												
			SO ₂	11.79	-												
PM/PM ₁₀ /PM _{2.5}	0.93	-															
MVCU-4	MVCU-4	Controlled Marine Loading VCU No. 4	VOC	12.53	-	-	-	-	40	12	20.47	1400	-	-	-		
			NOx	12.53	-												
			CO	25.05	-												
			H ₂ S	6.14	-												
			SO ₂	11.79	-												
PM/PM ₁₀ /PM _{2.5}	0.93	-															

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
Table 1(e) Emission Point Summary

Permit Number:	TBD	RN Number:	TBD	Date:	Nov. 2018
Company Name:	Axis Midstream Holdings, LLC				

Review of applications and issuance of permits will be expedited by supplying all necessary information requested on this Table.

AIR CONTAMINANT DATA						EMISSION POINT DISCHARGE PARAMETERS												
1. Emission Point		2. Component or Air Contaminant Name		3. Air Contaminant Emission Rate		4. UTM Coordinates of Emission Point			5. Height Above			6. Stack Exit Data			7. Fugitives			
EPN (A)	FIN (B)	NAME (C)	Pounds per Hour (A)	TPY (B)	Zone (Meters)	East (Meters)	North (Meters)	Ground (Feet)	Diameter (Feet) (A)	Velocity (fps) (B)	Temp (°F) (C)	Length (ft) (A)	Width (ft) (B)	Axis	Degrees (C)			
MVCU-5	MVCU-5	Controlled Marine Loading VCU No. 5	VOC	12.53	-	-	-	-	-	-	-	-	-	-	-	-		
			NOx	12.53	-	-	-	-	-	-	-	-	-	-	-	-	-	
			CO	25.05	-	-	-	-	-	40	12	20.47	1400	-	-	-	-	-
			H ₂ S	6.14	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			SO ₃	11.79	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			PM/PM ₁₀ /PM _{2.5}	0.93	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MVCU-6	MVCU-6	Controlled Marine Loading VCU No. 6	VOC	12.53	-	-	-	-	-	-	-	-	-	-	-	-	-	
			NOx	12.53	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			CO	25.05	-	-	-	-	-	40	12	20.47	1400	-	-	-	-	-
			H ₂ S	6.14	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			SO ₄	11.79	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			PM/PM ₁₀ /PM _{2.5}	0.93	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MVCU-7	MVCU-7	Controlled Marine Loading VCU No. 7	VOC	12.53	-	-	-	-	-	-	-	-	-	-	-	-	-	
			NOx	12.53	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			CO	25.05	-	-	-	-	-	40	12	20.47	1400	-	-	-	-	-
			H ₂ S	6.14	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			SO ₅	11.79	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			PM/PM ₁₀ /PM _{2.5}	0.93	-	-	-	-	-	-	-	-	-	-	-	-	-	-

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
Table 1(a) Emission Point Summary

Permit Number:	TBD	RN Number:	TBD	Date:	Nov. 2018
Company Name:	Axis Midstream Holdings, LLC				

Review of applications and issuance of permits will be expedited by supplying all necessary information requested on this Table.

AIR CONTAMINANT DATA						EMISSION POINT DISCHARGE PARAMETERS													
1. Emission Point			2. Component or Air Contaminant Name			3. Air Contaminant Emission Rate		4. UTM Coordinates of Emission Point			5. Height Above Ground			6. Stack Exit Data			7. Fugitives		
EPN (A)	FIN (B)	NAME (C)	Component or Air Contaminant Name	Pounds per Hour (A)	TPY (B)	Zone (Meters)	East (Meters)	North (Meters)	Ground (Feet)	Diameter (Feet) (A)	Velocity (fps) (B)	Temp (°F) (C)	Length (ft) (A)	Width (ft) (B)	Axis				
MVCU-8	MVCU-8	Controlled Marine Loading VCU No. 8	VOC	12.53	-	-	-	-	-	-	-	-	-	-	-	-			
			NOx	12.53	-	-	-	-	-	-	-	-	-	-	-	-	-		
			CO	25.05	-	-	-	-	-	-	40	12	20.47	1400	-	-	-	-	
			H ₂ S	6.14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
			SO ₆	11.79	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
			PM/PM ₁₀ /PM _{2.5}	0.93	-	-	-	-	-	-	-	-	-	-	-	-			
MVCUCAP	MVCUCAP	Controlled Loading Annual Emissions Cap	VOC	-	97.19	-	-	-	-	-	-	-	-	-	-	-			
			NOx	-	118.06	-	-	-	-	-	-	-	-	-	-	-	-		
			CO	-	244.39	-	-	-	-	-	-	-	-	-	-	-	-	-	
			H ₂ S	-	0.96	-	-	-	-	-	-	-	-	-	-	-	-	-	
			SO ₂	-	90.48	-	-	-	-	-	-	-	-	-	-	-	-	-	
			PM/PM ₁₀ /PM _{2.5}	-	8.80	-	-	-	-	-	-	-	-	-	-	-			
50-1	50-1	Recycle Tank No. 1	VOC	5.14	1.60	-	-	-	-	-	-	-	-	-	-				
50-2	50-2	Recycle Tank No. 2	VOC	5.14	1.60	-	-	-	-	-	-	-	-	-	-				
T-COMB-1	T-COMB-1	Temporary Portable Combustion Unit	VOC	2.00	0.24	-	-	-	-	-	-	-	-	-	-	-			
			NOx	3.00	5.57	-	-	-	-	-	-	-	-	-	-	-	-		
			CO	4.00	7.42	-	-	-	-	-	-	-	-	-	-	-	-	-	
			H ₂ S	0.02	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-	
			SO ₂	1.88	0.06	-	-	-	-	-	-	-	-	-	-	-	-	-	
			PM/PM ₁₀ /PM _{2.5}	0.15	0.28	-	-	-	-	-	-	-	-	-	-				

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
Table 1(a) Emission Point Summary

Permit Number:	TBD	RN Number:	TBD	Date:	Nov. 2018
Company Name:	Axis Midstream Holdings, LLC				

Review of applications and issuance of permits will be expedited by supplying all necessary information requested on this Table.

AIR CONTAMINANT DATA						EMISSION POINT DISCHARGE PARAMETERS											
1. Emission Point		2. Component or Air Contaminant Name		3. Air Contaminant Emission Rate		4. UTM Coordinates of Emission Point			5. Height Above			6. Stack Exit Data			7. Fugitives		
EPN (A)	FIN (B)	NAME (C)		Pounds per Hour (A)	TPY (B)	Zone (Meters)	East (Meters)	North (Meters)	Ground (Feet)	Diameter (Feet) (A)	Velocity (fps) (B)	Temp (°F) (C)	Length (ft) (A)	Width (ft) (B)	Axis		
FUG	FUG	Fugitives	VOC	0.78	3.40	-	-	-	-	-	-	-	-	-	-		
			H ₂ S	<0.01	<0.01												
			VOC	117.29	0.53												
			NOx	1.99	0.63												
			CO	2.66	0.84												
MSS	MSS	MSS Emissions Cap	H ₂ S	0.06	0.02												
			SO ₂	0.25	0.78												
			PM/PM ₁₀ /PM _{2.5}	0.10	0.03												
All EPNs	All FINS	Site Wide Emission Caps	Individual HAP	-	< 10.00												
			Total HAP	-	< 25.00												

Table 1-2
Emissions Summary
Axis Midstream Holdings, LLC
Harbor Island Marine Terminal
November 2018

EPN	FIN	Name	VOC		NO _x		CO		PM/PM ₁₀ /PM _{2.5}		H ₂ S		SO ₂		CO ₂ e ¹ tpy
			lb/hr	tpy	lb/hr	tpy	lb/hr	tpy	lb/hr	tpy	lb/hr	tpy	lb/hr	tpy	
BERTH-1	BERTH-1	Berth 1 Loading Fugitives	9.05	-	-	-	-	-	-	-	0.01	-	-	-	-
BERTH-2	BERTH-2	Berth 2 Loading Fugitives	9.05	-	-	-	-	-	-	-	0.01	-	-	-	-
BERTHCAP	BERTHCAP	Berth Loading Fugitives Emissions Cap	-	52.80	-	-	-	-	-	-	-	0.03	-	-	-
MVCU-1	MVCU-1	Controlled Loading Marine VCU No.1	12.53	-	12.53	-	25.05	-	0.93	-	6.14	-	11.79	-	-
MVCU-2	MVCU-2	Controlled Loading Marine VCU No.2	12.53	-	12.53	-	25.05	-	0.93	-	6.14	-	11.79	-	-
MVCU-3	MVCU-3	Controlled Loading Marine VCU No.3	12.53	-	12.53	-	25.05	-	0.93	-	6.14	-	11.79	-	-
MVCU-4	MVCU-4	Controlled Loading Marine VCU No.4	12.53	-	12.53	-	25.05	-	0.93	-	6.14	-	11.79	-	-
MVCU-5	MVCU-5	Controlled Loading Marine VCU No.5	12.53	-	12.53	-	25.05	-	0.93	-	6.14	-	11.79	-	-
MVCU-6	MVCU-6	Controlled Loading Marine VCU No.6	12.53	-	12.53	-	25.05	-	0.93	-	6.14	-	11.79	-	-
MVCU-7	MVCU-7	Controlled Loading Marine VCU No.7	12.53	-	12.53	-	25.05	-	0.93	-	6.14	-	11.79	-	-
MVCU-8	MVCU-8	Controlled Loading Marine VCU No.8	12.53	-	12.53	-	25.05	-	0.93	-	6.14	-	11.79	-	-
MVCU-1 - MVCU-8	MVCU-1 - MVCU-8	Controlled Loading Annual Emissions Cap	-	97.19	-	118.06	-	236.12	-	8.80	-	0.96	-	90.48	174,984
50-1	50-1	Recycle Tank No. 1	5.14	1.60	-	-	-	-	-	-	-	-	-	-	-
50-2	50-2	Recycle Tank No. 2	5.14	1.60	-	-	-	-	-	-	-	-	-	-	-
T-COMB-1	T-COMB-1	Temporary Portable Combustion Unit	2.00	0.24	3.00	5.57	4.00	7.42	0.15	0.28	0.02	0.00	1.88	0.06	2,608
MSS	MSS	MSS Emissions Cap	1.17,29	0.53	1.99	0.63	2.66	0.84	0.25	0.78	0.10	0.03	0.06	0.02	1,608
FUG	FUG	Piping Fugitive Components	0.78	3.40	-	-	-	-	-	-	0.00	0.00	-	-	-
Total Emission Rates:			-	157.36	-	124.26	-	244.39	-	9.85	-	1.02	-	90.56	179,199

Section 2

Administrative Forms

This section contains the following forms and information:

- TCEQ Core Data Form
- TCEQ Form APD-EXP
- TCEQ Form PI-1
- Table 30
- Copy of Fee Payment

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I. Applicant Information (continued)	
H. Facility and Site Location Information (If no street address, provide clear driving directions to the site in writing.):	
Street Address:	
Property is approximately one mile Northwest of Highway 361 Ferry Landing	
City/Town: Port Aransas	County: Nueces ZIP Code: 78336
Latitude (nearest second): 27°50'40.65" N	Longitude (nearest second): 97°05'01.31" W
I. Account Identification Number (leave blank if new site or facility):	
J. Core Data Form	
Is the Core Data Form (Form 10400) attached? If No, provide customer reference number and regulated entity number (complete K and L).	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
K. Customer Reference Number (CN): TBD	
L. Regulated Entity Number (RN): TBD	
II. General Information	
A. Is confidential information submitted with this application? If Yes, mark each confidential page confidential in large red letters at the bottom of each page.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
B. Is this application in response to an investigation, notice of violation, or enforcement action?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
If Yes, attach a copy of any correspondence from the agency and provide the RN in section I.L. above.	
C. Number of New Jobs: TBD	
D. Provide the name of the State Senator and State Representative and district numbers for this facility site:	
State Senator: Lois W. Kolkhorst	District No.: 18
State Representative: Todd A. Hunter	District No.: 32
III. Type of Permit Action Requested	
A. Mark the appropriate box indicating what type of action is requested.	
<input checked="" type="checkbox"/> Initial <input type="checkbox"/> Amendment <input type="checkbox"/> Revision (30 TAC § 116.116(e)) <input type="checkbox"/> Change of Location <input type="checkbox"/> Relocation	
B. Permit Number (if existing):	
C. Permit Type: Mark the appropriate box indicating what type of permit is requested. (check all that apply, skip for change of location)	
<input checked="" type="checkbox"/> Construction <input type="checkbox"/> Flexible <input type="checkbox"/> Multiple Plant <input type="checkbox"/> Nonattainment <input type="checkbox"/> Plant-Wide Applicability Limit <input type="checkbox"/> Prevention of Significant Deterioration (PSD) <input type="checkbox"/> Hazardous Air Pollutant Major Source <input type="checkbox"/> PSD for greenhouse gases (GHGs) <input type="checkbox"/> Other: _____	

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III. Type of Permit Action Requested (continued)		
D. Is a permit renewal application being submitted in conjunction with this amendment in accordance with 30 TAC § 116.315(c).	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	
E. Is this application for a change of location of previously permitted facilities?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	
If Yes, complete all parts of III.E.		
Current Location of Facility (If no street address, provide clear driving directions to the site in writing.):		
Street Address:		
City:	County:	ZIP Code:
Proposed Location of Facility (If no street address, provide clear driving directions to the site in writing.):		
Street Address:		
City:	County:	ZIP Code:
Will the proposed facility, site, and plot plan meet all current technical requirements of the permit special conditions? If "NO," attach detailed information.		<input type="checkbox"/> YES <input type="checkbox"/> NO
Is the site where the facility is moving considered a major source of criteria pollutants or HAPs?		<input type="checkbox"/> YES <input type="checkbox"/> NO
F. Are there any standard permits, standard exemptions, or PBRs to be incorporated by reference?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	
If Yes, list any PBR, standard exemptions, or standard permits that need to be referenced. (attach pages as needed)		
Are there any PBR, standard exemptions, or standard permits associated to be incorporated by consolidation?		<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
If Yes, list any PBR, standard exemptions, or standard permits that need to be consolidated. (attach pages as needed)		
If Yes, are emission calculations, a BACT analysis, and an impacts analysis attached to this application for any authorization to be incorporated by consolidation.		<input type="checkbox"/> YES <input type="checkbox"/> NO
G. Are you permitting planned maintenance, startup, and shutdown emissions?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	
If Yes, attach information on any changes to emissions under this application as specified in VII and VIII.		

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III. Type of Permit Action Requested	
H. Federal Operating Permit Requirements (30 TAC Chapter 122 Applicability)	
Is this facility located at a site required to obtain a federal operating permit?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> To Be Determined
If Yes, list all associated permit number(s), attach pages as needed).	
NA	
Identify the requirements of 30 TAC Chapter 122 that will be triggered if this application is approved.	
<input type="checkbox"/> FOP Significant Revision	<input type="checkbox"/> FOP Minor
<input type="checkbox"/> Operational Flexibility/Off-Permit Notification	<input type="checkbox"/> Streamlined Revision for GOP
<input checked="" type="checkbox"/> To be Determined	<input type="checkbox"/> None
Identify the type(s) of FOP(s) issued and/or FOP application(s) submitted/pending for the site. <i>(check all that apply)</i>	
<input type="checkbox"/> GOP Issued	<input type="checkbox"/> GOP application/revision application submitted or under APD review
<input type="checkbox"/> SOP Issued	<input type="checkbox"/> SOP application/revision application submitted or under APD review
IV. Public Notice Applicability	
A. Is this a new permit application or a change of location application?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
B. Is this application for a concrete batch plant? If Yes, complete all parts of V.D.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
C. Is this an application for a major modification of a PSD, nonattainment, FCAA § 112(g) permit, or exceedance of a PAL permit?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
D. If this is an application for emissions of GHGs, select one of the following:	
<input type="checkbox"/> Separate Public Notice (requires a separate application)	<input type="checkbox"/> Consolidated Public Notice
E. Is this application for a PSD or major modification of a PSD located within 100 kilometers or less of an affected state or Class I Area?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
If Yes, list the affected state(s) and/or Class I Area(s).	
State	Class I Area

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IV. Public Notice Applicability (continued)		
F. Is this a state permit amendment application? If Yes, complete all parts of IV.F.		<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
Is there any change in character of emissions in this application?		<input type="checkbox"/> YES <input type="checkbox"/> NO
Is there a new air contaminant in this application?		<input type="checkbox"/> YES <input type="checkbox"/> NO
Do the facilities handle, load, unload, dry, manufacture, or process grain, seed, legumes, or vegetables fibers (agricultural facilities)?		<input type="checkbox"/> YES <input type="checkbox"/> NO
List the total annual emission increases associated with the application <i>(List all that apply and attach additional sheets as needed):</i>		
Volatile Organic Compounds (VOC):		
Sulfur Dioxide (SO ₂):		
Carbon Monoxide (CO):		
Nitrogen Oxides (NO _x):		
Particulate Matter (PM):		
PM 10 microns or less (PM ₁₀):		
PM 2.5 microns or less (PM _{2.5}):		
Lead (Pb):		
Hazardous Air Pollutants (HAPs):		
Below list other speciated air contaminants not listed above:		
V. Public Notice Information (complete if applicable)		
A. Responsible Person: (<input checked="" type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Other:) _____		
Name: David O'Dell		
Title: Vice President Pipeline Operations		
Company Name: Axis Midstream Holdings, LLC		
Mailing Address: 5005 Riverway, Suite 110		
City: Houston	State: TX	ZIP Code: 77056
Telephone No.: 713-623-2412		Fax No.:
E-mail Address: dodell@axismidstream.com		

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V. Public Notice Information (complete if applicable) (continued)		
B. Technical Contact: (<input checked="" type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Other:)		
Name: Neal Nygaard		
Title: Chief Operating Officer, Principal		
Mailing Address: 1010 Travis Street, Suite 916		
City: Houston	State: Texas	ZIP Code: 77002
Telephone No.: 713-955-1221	Fax No.: 713-955-1201	
E-mail Address: nnygaard@disorboconsult.com		
C. Name of the Public Place: Anita & W.T. Neyland Public Library		
Physical Address (No P.O. Boxes): 1230 Carmel Pkwy		
City: Corpus Christi	County: Nueces	ZIP Code: 78411
The public place has granted authorization to place the application for public viewing and copying.		<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
The public place has internet access available for the public.		<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
D. Concrete Batch Plants, PSD, and Nonattainment Permits		
County Judge Information (For Concrete Batch Plants and PSD and/or Nonattainment Permits) for this facility site.		
The Honorable:		
Mailing Address:		
City:	State:	ZIP Code:
For Concrete Batch Plants		
Is the facility located in a municipality or an extraterritorial jurisdiction of a municipality?		<input type="checkbox"/> YES <input type="checkbox"/> NO
Presiding Officers Name(s):		
Title:		
Mailing Address:		
City:	State:	ZIP Code:
Provide the name, mailing address of the chief executive for the location where the facility is or will be located.		
Chief Executive:		
Mailing Address:		
City:	State:	ZIP Code:

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V. Public Notice Information (complete if applicable) (continued)		
B. Technical Contact: (<input checked="" type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Other:) _____		
Name: Neal Nygaard		
Title: Chief Operating Officer, Principal		
Mailing Address: 1010 Travis Street, Suite 916		
City: Houston	State: Texas	ZIP Code: 77002
Telephone No.: 713-955-1221	Fax No.: 713-955-1201	
E-mail Address: nnygaard@disorboconsult.com		
C. Name of the Public Place: Ingleside Public Library		
Physical Address (No P.O. Boxes): 2775 Waco Street		
City: Ingleside	County: Nueces	ZIP Code: 78362
The public place has granted authorization to place the application for public viewing and copying.		<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
The public place has internet access available for the public.		<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
D. Concrete Batch Plants, PSD, and Nonattainment Permits		
County Judge Information (For Concrete Batch Plants and PSD and/or Nonattainment Permits) for this facility site.		
The Honorable:		
Mailing Address:		
City:	State:	ZIP Code:
For Concrete Batch Plants		
Is the facility located in a municipality or an extraterritorial jurisdiction of a municipality?		<input type="checkbox"/> YES <input type="checkbox"/> NO
Presiding Officers Name(s):		
Title:		
Mailing Address:		
City:	State:	ZIP Code:
Provide the name, mailing address of the chief executive for the location where the facility is or will be located.		
Chief Executive:		
Mailing Address:		
City:	State:	ZIP Code:

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V. Public Notice Information (complete if applicable) (continued)		
D. Concrete Batch Plants, PSD, and Nonattainment Permits (continued)		
Provide the name, mailing address of the Indian Governing Body for the location where the facility is or will be located.		
Indian Governing Body:		
Mailing Address:		
City:	State:	ZIP Code:
Identify the Federal Land Manager(s) for the location where the facility is or will be located.		
Federal Land Manager(s):		
E. Bilingual Notice		
Is a bilingual program required by the Texas Education Code in the School District?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
Are the children who attend either the elementary school or the middle school closest to your facility eligible to be enrolled in a bilingual program provided by the district?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
If Yes, list which languages are required by the bilingual program?		
VI. Small Business Classification (Required)		
A. Does this company (including parent companies and subsidiary companies) have fewer than 100 employees or less than \$6 million in annual gross receipts?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
B. Is the site a major stationary source for federal air quality permitting?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
C. Are the site emissions of any regulated air pollutant greater than or equal to 50 tpy?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
D. Are the site emissions of all regulated air pollutants combined less than 75 tpy?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO

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V. Public Notice Information (complete if applicable) (continued)		
D. Concrete Batch Plants, PSD, and Nonattainment Permits (continued)		
Provide the name, mailing address of the Indian Governing Body for the location where the facility is or will be located.		
Indian Governing Body:		
Mailing Address:		
City:	State:	ZIP Code:
Identify the Federal Land Manager(s) for the location where the facility is or will be located.		
Federal Land Manager(s):		
E. Bilingual Notice		
Is a bilingual program required by the Texas Education Code in the School District?		<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
Are the children who attend either the elementary school or the middle school closest to your facility eligible to be enrolled in a bilingual program provided by the district?		<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
If Yes, list which languages are required by the bilingual program?		
Spanish		
VI. Small Business Classification (Required)		
A. Does this company (including parent companies and subsidiary companies) have fewer than 100 employees or less than \$6 million in annual gross receipts?		<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
B. Is the site a major stationary source for federal air quality permitting?		<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
C. Are the site emissions of any regulated air pollutant greater than or equal to 50 tpy?		<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
D. Are the site emissions of all regulated air pollutants combined less than 75 tpy?		<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

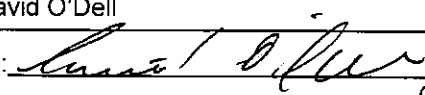
**Texas Commission on Environmental Quality
Form PI-1 General Application for
Air Preconstruction Permit and Amendment
Page 8**

VII. Technical Information	
A. The following information must be submitted with your Form PI-1 <i>(this is just a checklist to make sure you have included everything)</i>	
<input checked="" type="checkbox"/> Current Area Map <input checked="" type="checkbox"/> Plot Plan <input type="checkbox"/> Existing Authorizations <input checked="" type="checkbox"/> Process Flow Diagram <input checked="" type="checkbox"/> Process Description <input checked="" type="checkbox"/> Maximum Emissions Data and Calculations <input checked="" type="checkbox"/> Air Permit Application Tables <input checked="" type="checkbox"/> Table 1(a) (Form 10153) entitled, Emission Point Summary <input type="checkbox"/> Table 2 (Form 10155) entitled, Material Balance <input type="checkbox"/> Other equipment, process or control device tables	
B. Are any schools located within 3,000 feet of this facility?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
C. Maximum Operating Schedule: 8760	
Hour(s): 24	Day(s): 7
Week(s): 52	Year(s):
Seasonal Operation? If Yes, please describe in the space provide below.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
Hour(s):	Day(s):
Week(s):	Year(s):
D. Have the planned MSS emissions been previously submitted as part of an emissions inventory?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
Provide a list of each planned MSS facility or related activity and indicate which years the MSS activities have been included in the emissions inventories. Attach pages as needed.	
MSS Facility(s) or Activity	Year(s)

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Air Preconstruction Permit and Amendment
Page 9

VII. Technical Information (continued)	
E. Does this application involve any air contaminants for which a disaster review is required?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
If Yes, list which air contaminants require a disaster review	
F. Does this application include a pollutant of concern on the Air Pollutant Watch List (APWL)?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
G. Are emissions of GHGs associated with this project subject to PSD?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
If Yes, provide a list of all associated applications for this project:	
H. Does this project require an impacts analysis?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
If No, is a description of why an impacts analysis is not required attached?	<input type="checkbox"/> YES <input type="checkbox"/> NO
For Non-Federal Projects	
Is an attachment included detailing how the project meets all applicable impacts requirements, including which MERA step was met (if applicable), how the modeling was conducted (if applicable), and the results demonstrating compliance with all applicable impacts requirements following the Initial Modeling Summary guidance document?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
Note: for projects with modeling, utilizing APD's Electronic Modeling Evaluation Workbook to complete this analysis will help streamline the modeling review and is strongly encouraged.	
VIII. State Regulatory Requirements Applicants must demonstrate compliance with all applicable state regulations to obtain a permit or amendment. The application must contain detailed attachments addressing applicability or non-applicability; identify state regulations; show how requirements are met; and include compliance demonstrations.	
A. Will the emissions from the proposed facility protect public health and welfare, and comply with all rules and regulations of the TCEQ?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
B. Will emissions of significant air contaminants from the facility be measured?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
C. Is the Best Available Control Technology (BACT) demonstration attached?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
D. Will the proposed facilities achieve the performance represented in the permit application as demonstrated through recordkeeping, monitoring, stack testing, or other applicable methods?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
IX. Federal Regulatory Requirements Applicants must demonstrate compliance with all applicable federal regulations to obtain a permit or amendment. The application must contain detailed attachments addressing applicability or non-applicability; identify federal regulation subparts; show how requirements are met; and include compliance demonstrations.	
A. Does Title 40 Code of Federal Regulations Part 60, (40 CFR Part 60) New Source Performance Standard (NSPS) apply to a facility in this application?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
B. Does 40 CFR Part 61, National Emissions Standard for Hazardous Air Pollutants (NESHAP) apply to a facility in this application?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
C. Does 40 CFR Part 63, Maximum Achievable Control Technology (MACT) standard apply to a facility in this application?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO

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Page 10**

IX. Federal Regulatory Requirements (continued) Applicants must demonstrate compliance with all applicable federal regulations to obtain a permit or amendment. The application must contain detailed attachments addressing applicability or non-applicability; identify federal regulation subparts; show how requirements are met; and include compliance demonstrations.	
D. Do nonattainment permitting requirements apply to this application?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
E. Do prevention of significant deterioration permitting requirements apply to this application?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
F. Do Hazardous Air Pollutant Major Source [FCAA § 112(g)] requirements apply to this application?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
G. Is a Plant-wide Applicability Limit permit being requested?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
X. Professional Engineer (P.E.) Seal	
Is the estimated capital cost of the project greater than \$2 million dollars?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
If Yes, submit the application under the seal of a Texas licensed P.E.	
XI. Permit Fee Information	
Check, Money Order, Transaction Number, ePay Voucher Number: <u>383285¹⁵</u>	
Fee Amount: \$75,000	
Paid online?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
Company name on check: Axis Midstream Holdings, LLC	
Is a Table 30 (Form 10196) entitled, Estimated Capital Cost and Fee Verification, attached?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
XII. Delinquent Fees and Penalties	
This form will not be processed until all delinquent fees and/or penalties owed to the TCEQ or the Office of the Attorney General on behalf of the TCEQ is paid in accordance with the Delinquent Fee and Penalty Protocol. For more information regarding Delinquent Fees and Penalties, go to the TCEQ Web site at: www.tceq.texas.gov/agency/financial/fees/delin .	
XIII. Signature	
The signature below confirms that I have knowledge of the facts included in this application and that these facts are true and correct to the best of my knowledge and belief. I further state that to the best of my knowledge and belief, the project for which application is made will not in any way violate any provision of the Texas Water Code (TWC), Chapter 7; the Texas Health and Safety Code, Chapter 382, the Texas Clean Air Act (TCAA) the air quality rules of the Texas Commission on Environmental Quality; or any local governmental ordinance or resolution enacted pursuant to the TCAA. I further state that I understand my signature indicates that this application meets all applicable nonattainment, prevention of significant deterioration, or major source of hazardous air pollutant permitting requirements. The signature further signifies awareness that intentionally or knowingly making or causing to be made false material statements or representations in the application is a criminal offense subject to criminal penalties.	
Name: David O'Dell	
Signature:	 <i>Original Signature Required</i>
Date:	<u>11/19/2018</u>



TCEQ Core Data Form

TCEQ Use Only

For detailed instructions regarding completion of this form, please read the Core Data Form Instructions or call 512-239-5175.

SECTION I: General Information

1. Reason for Submission (If other is checked please describe in space provided.)		
<input checked="" type="checkbox"/> New Permit, Registration or Authorization (Core Data Form should be submitted with the program application.)		
<input type="checkbox"/> Renewal (Core Data Form should be submitted with the renewal form)	<input type="checkbox"/> Other	
2. Customer Reference Number (if issued)	Follow this link to search for CN or RN numbers in Central Registry**	3. Regulated Entity Reference Number (if issued)
CN		RN

SECTION II: Customer Information

4. General Customer Information		5. Effective Date for Customer Information Updates (mm/dd/yyyy)	
<input checked="" type="checkbox"/> New Customer		<input type="checkbox"/> Update to Customer Information	
<input type="checkbox"/> Change in Legal Name (Verifiable with the Texas Secretary of State or Texas Comptroller of Public Accounts)		<input type="checkbox"/> Change in Regulated Entity Ownership	
The Customer Name submitted here may be updated automatically based on what is current and active with the Texas Secretary of State (SOS) or Texas Comptroller of Public Accounts (CPA).			
6. Customer Legal Name (If an individual, print last name first: eg: Doe, John)		If new Customer, enter previous Customer below:	
Axis Midstream Holdings, LLC			
7. TX SOS/CPA Filing Number	8. TX State Tax ID (11 digits)	9. Federal Tax ID (9 digits)	10. DUNS Number (if applicable)
802812872	32064822730	82-2771615	
11. Type of Customer:	<input type="checkbox"/> Corporation	<input type="checkbox"/> Individual	Partnership: <input type="checkbox"/> General <input checked="" type="checkbox"/> Limited
Government: <input type="checkbox"/> City <input type="checkbox"/> County <input type="checkbox"/> Federal <input type="checkbox"/> State <input type="checkbox"/> Other	<input type="checkbox"/> Sole Proprietorship	<input type="checkbox"/> Other:	
12. Number of Employees		13. Independently Owned and Operated?	
<input checked="" type="checkbox"/> 0-20 <input type="checkbox"/> 21-100 <input type="checkbox"/> 101-250 <input type="checkbox"/> 251-500 <input type="checkbox"/> 501 and higher		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
14. Customer Role (Proposed or Actual) – as it relates to the Regulated Entity listed on this form. Please check one of the following:			
<input type="checkbox"/> Owner <input type="checkbox"/> Operator <input checked="" type="checkbox"/> Owner & Operator			
<input type="checkbox"/> Occupational Licensee <input type="checkbox"/> Responsible Party <input type="checkbox"/> Voluntary Cleanup Applicant <input type="checkbox"/> Other:			
15. Mailing Address:	5005 Riverway, Suite 110		
	City	Houston	State TX ZIP 77056 ZIP + 4
16. Country Mailing Information (if outside USA)		17. E-Mail Address (if applicable)	
18. Telephone Number		19. Extension or Code	20. Fax Number (if applicable)
(713) 623-2412			() -

SECTION III: Regulated Entity Information

21. General Regulated Entity Information (If 'New Regulated Entity' is selected below this form should be accompanied by a permit application)		
<input checked="" type="checkbox"/> New Regulated Entity <input type="checkbox"/> Update to Regulated Entity Name <input type="checkbox"/> Update to Regulated Entity Information		
The Regulated Entity Name submitted may be updated in order to meet TCEQ Agency Data Standards (removal of organizational endings such as Inc, LP, or LLC.)		
22. Regulated Entity Name (Enter name of the site where the regulated action is taking place.)		
Harbor Island Marine Terminal		

23. Street Address of the Regulated Entity: <i>(No PO Boxes)</i>						
	City		State		ZIP	ZIP + 4
24. County						

Enter Physical Location Description if no street address is provided.

25. Description to Physical Location:	Property is approximately one mile Northwest of Highway 361 Ferry Landing				
26. Nearest City	Port Aransas			State	Nearest ZIP Code
				TX	78336
27. Latitude (N) In Decimal:			28. Longitude (W) In Decimal:		
Degrees	Minutes	Seconds	Degrees	Minutes	Seconds
27	50	40.65	97	05	01.31
29. Primary SIC Code (4 digits)	30. Secondary SIC Code (4 digits)	31. Primary NAICS Code (5 or 6 digits)	32. Secondary NAICS Code (5 or 6 digits)		
4612		486110			
33. What is the Primary Business of this entity? <i>(Do not repeat the SIC or NAICS description.)</i>					
Marine Loading					
34. Mailing Address:					
	City		State	ZIP	ZIP + 4
35. E-Mail Address:					
36. Telephone Number		37. Extension or Code		38. Fax Number <i>(if applicable)</i>	
() -				() -	

39. TCEQ Programs and ID Numbers Check all Programs and write in the permits/registration numbers that will be affected by the updates submitted on this form. See the Core Data Form instructions for additional guidance.

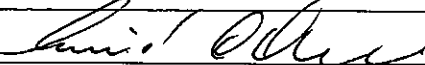
<input type="checkbox"/> Dam Safety	<input type="checkbox"/> Districts	<input type="checkbox"/> Edwards Aquifer	<input checked="" type="checkbox"/> Emissions Inventory Air	<input checked="" type="checkbox"/> Industrial Hazardous Waste
<input type="checkbox"/> Municipal Solid Waste	<input checked="" type="checkbox"/> New Source Review Air	<input type="checkbox"/> OSSF	<input type="checkbox"/> Petroleum Storage Tank	<input type="checkbox"/> PWS
<input type="checkbox"/> Sludge	<input checked="" type="checkbox"/> Storm Water	<input type="checkbox"/> Title V Air	<input type="checkbox"/> Tires	<input type="checkbox"/> Used Oil
<input type="checkbox"/> Voluntary Cleanup	<input type="checkbox"/> Waste Water	<input type="checkbox"/> Wastewater Agriculture	<input type="checkbox"/> Water Rights	<input type="checkbox"/> Other:

SECTION IV: Preparer Information

40. Name:	James F. Wedemeier II	41. Title:	Senior Staff Consultant
42. Telephone Number	43. Ext./Code	44. Fax Number	45. E-Mail Address
(713) 955-1223		(713) 955-1201	jwedemeier@disorboconsult.com

SECTION V: Authorized Signature

46. By my signature below, I certify, to the best of my knowledge, that the information provided in this form is true and complete, and that I have signature authority to submit this form on behalf of the entity specified in Section II, Field 6 and/or as required for the updates to the ID numbers identified in field 39.

Company:	Axis Midstream Holdings, LLC	Job Title:	Vice President Pipeline Operations
Name <i>(In Print)</i> :	David O'Dell	Phone:	(713) 623-2412
Signature:		Date:	11/19/2018



Texas Commission on Environmental Quality
Table 30
Estimated Capital Cost and Fee Verification

Include estimated cost of the equipment and services that would normally be capitalized according to standard and generally accepted corporate financing and accounting procedures. Tables, checklists, and guidance documents pertaining to air quality permits are available from the Texas Commission on Environmental Quality, Air Permits Division Web site at www.tceq.texas.gov/nav/permits/air_permits.html.

I. Direct Costs [30 TAC § 116.141(c)(1)]	Estimated Capital Cost
A. A process and control equipment not previously owned by the applicant and not currently authorized under this chapter.	\$-
B. Auxiliary equipment, including exhaust hoods, ducting, fans, pumps, piping, conveyors, stacks, storage tanks, waste disposal facilities, and air pollution control equipment specifically needed to meet permit and regulation requirements.	\$-
C. Freight charges	\$-
D. Site preparation, including demolition, construction of fences, outdoor lighting, road, and parking areas.	\$-
E. Installation, including foundations, erection of supporting structures, enclosures or weather protection, insulation and painting, utilities and connections, process integration, and process control equipment.	\$-
F. Auxiliary buildings, including materials storage, employee facilities, and changes to existing structures.	\$-
G. Ambient air monitoring network.	\$-
II. Indirect Costs [30 TAC § 116.141(c)(2)]	Estimated Capital Cost
A. Final engineering design and supervision, and administrative overhead.	\$-
B. Construction expense, including construction liaison, securing local building permits, insurance, temporary construction facilities, and construction clean-up.	\$-
C. Contractor's fee and overhead.	\$-
Total Estimated Capital Cost	\$ > \$25,000,000

Texas Commission on Environmental Quality
Table 30
Estimated Capital Cost and Fee Verification

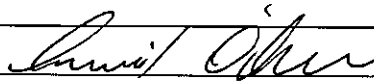
I certify that the total estimated capital cost of the project as defined in 30 TAC § 116.141 is equal to or less than the above figure. I further state that I have read and understand Texas Water Code § 7.179, which defines Criminal Offenses for certain violations, including intentionally or knowingly making, or causing to be made, false material statements or representations.

Company Name: Axis Midstream Holdings, LLC

Company Representative Name (*please print*): David O'Dell

Title: Vice President Pipeline Operations

Company Representative Signature:



Estimated Capital Cost		Permit Application Fee	GHG*/PSD/Nonattainment Application Fee
Less than	\$300,000	\$900 (minimum fee)	\$3,000 (minimum fee)
\$300,000 to	\$25,000,000	0.30% of capital cost	
\$300,000 to	\$7,500,000		1.0% of capital cost
Greater than	\$25,000,000	\$75,000 (maximum fee)	
Greater than	\$7,500,000		\$75,000 (maximum fee)

*A single PSD fee (calculated on the capital cost of the project per 30 TAC § 116.163) will be required for all of the associated permitting actions for a GHG PSD project. Other NSR permit fees related to the project that have already been remitted to the TCEQ can be subtracted when determining the appropriate fee to submit with the GHG PSD application; please identify these other fees in the GHG PSD permit application.

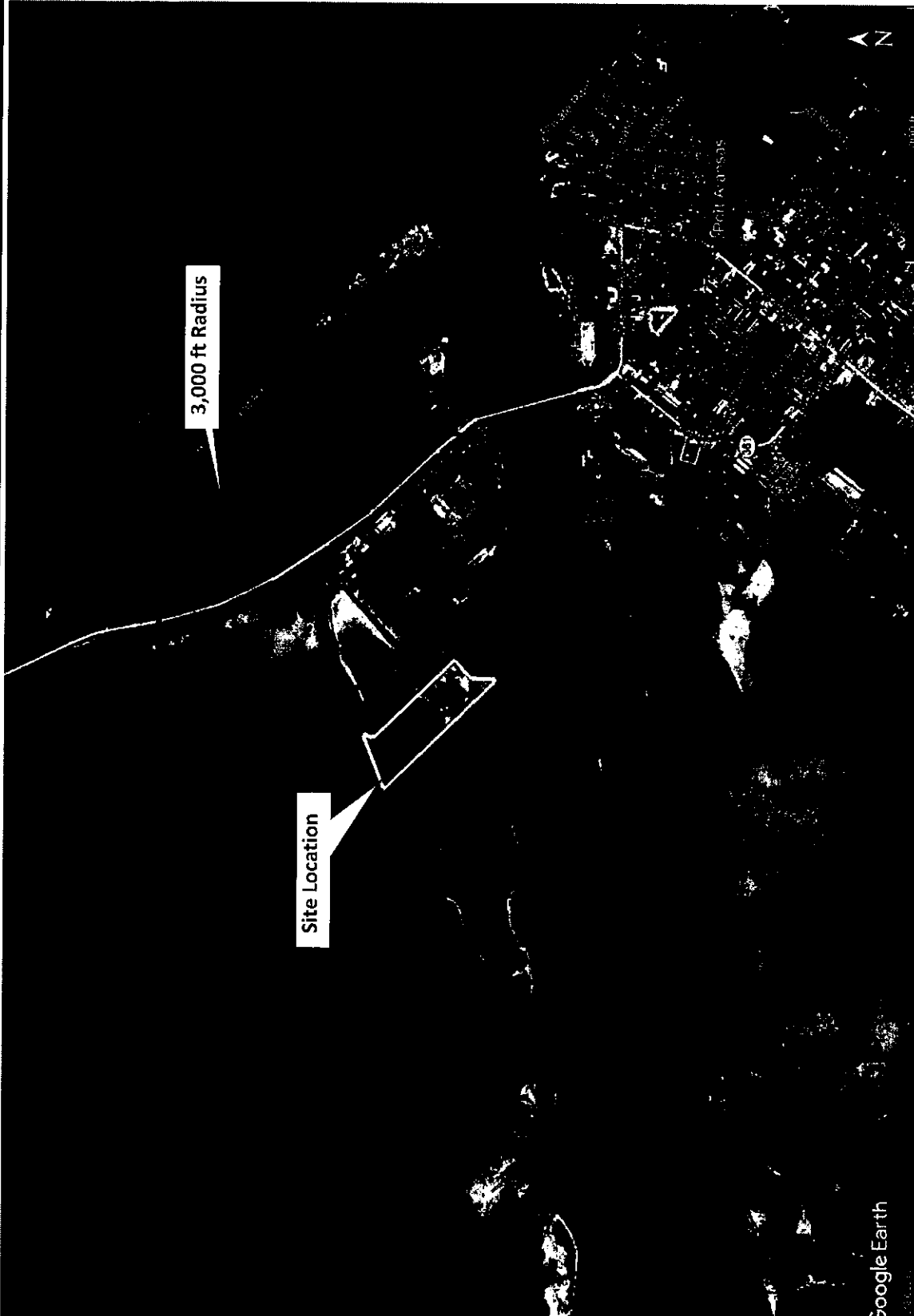
Permit Application Fee (from table above) = \$ 75,000

Date: 11/19/2018

Section 3

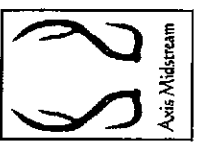
Location Information

The Harbor Island Marine Terminal is located near Aransas Pass, Nueces County. An Area Map indicating a 3,000 foot and 1-mile radius around the terminal is included as Figure 3-1.



3,000 ft Radius

Site Location



Axis Midstream Partners, LLC
Harbor Island Marine Terminal
Port Arkansas, Texas

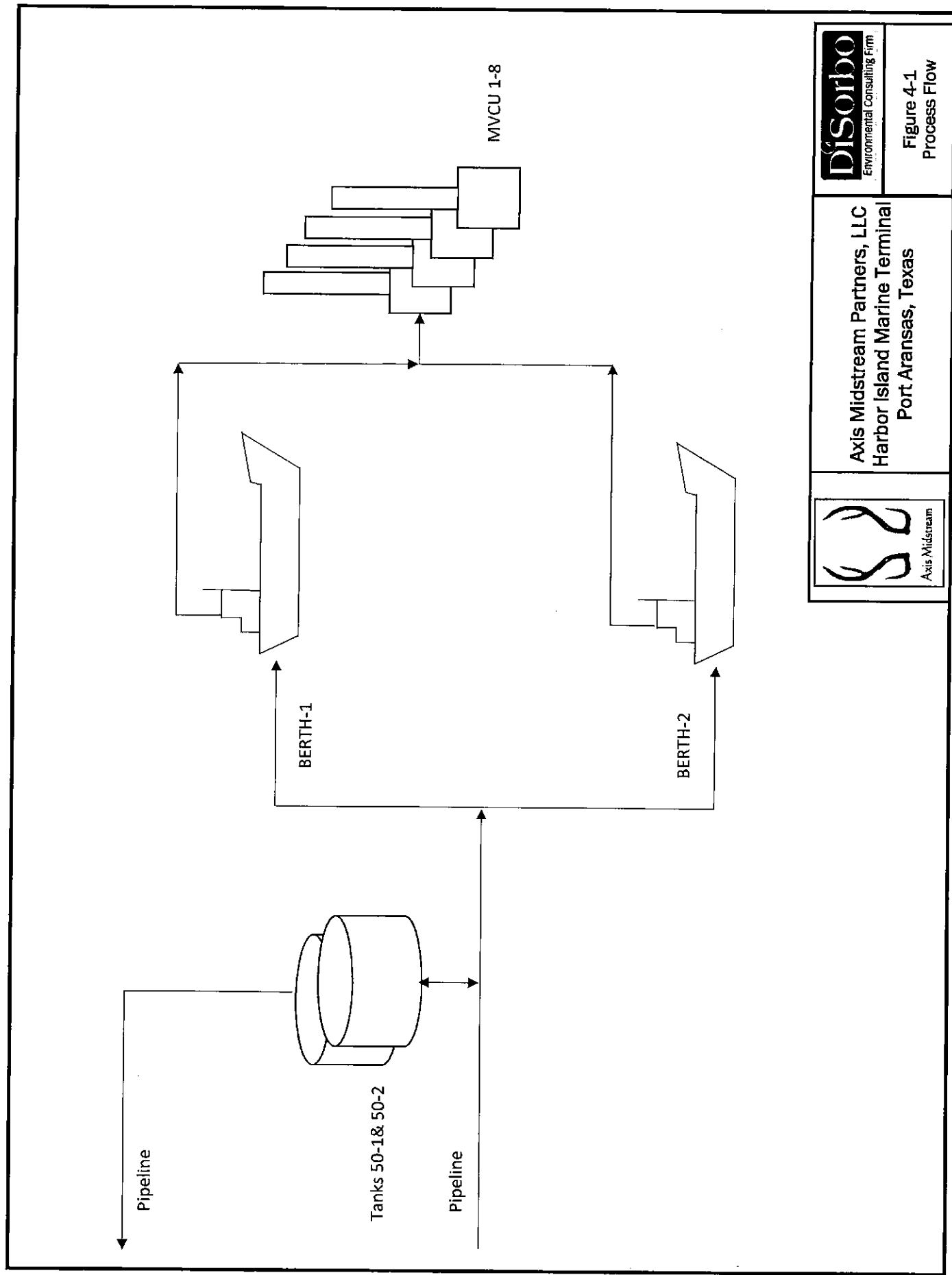


Figure 3-1
Area Map

Section 4

Process Description

The Harbor Island Marine Terminal is a for-hire bulk liquid marine loading terminal. Crude oils and/or crude oil condensates are transferred through pipeline to the marine loading dock. A simplified process flow diagram for the facilities included in this application is included as Figure 4-1.



Axis Midstream Partners, LLC
Harbor Island Marine Terminal
Port Aransas, Texas



Section 5 Emission Calculations

The following describes the calculations used to determine the emission rates associated with each emission source category included in this permit application. A summary of the proposed emissions are included in Table 1(a) at the end of this section. Detailed emission calculations are presented in Appendices A and B of this application.

The terminal will handle a wide range of crude oils and/or crude oil condensates. The Reid Vapor Pressure (RVP) of the crude and/or crude oil condensates managed at the terminal vary from month to month; however, a maximum TVP of 11 psia is the basis for the proposed emission limits.

Axis proposes to establish emission caps for loading facilities rather than individual throughput limits due to the varying nature of crude oils and crude oil condensates and customer markets at the proposed terminal. Specifically, rather than limiting throughputs, Axis proposes to manage the loading facilities included in this application such that the permitted emission limits are not exceeded. Managing to the emissions caps allows Axis the operational flexibility to respond to market changes and customer demands.

5.1 Routine Emissions

The following describes the emission calculations associated with each routine emission source category in this permit application.

5.1.1 Storage Tank Emissions

For storage tanks, the emission calculations for routine working and breathing emissions are estimated using the calculations methods in *Compilation of Air Pollutant Emission Factors: Volume I Stationary Point and Area Sources* (AP-42, Fifth Edition, US EPA, November 2006 (hereafter referred to in this application as AP-42) Section 7.1. Short-term emission rates are calculated using AP-42 Section 7 equations using maximum temperature and vapor pressure.

In addition to routine IFR storage tank working and breathing emissions, routine IFR storage tank roof-landing events occur for periods of inventory control and product changes (EPNs: T-COMB-1). Floating roof landing emissions are estimated using the methods in Subsection 7.1.3.2.2 Roof

Landings of Section 7.1 Organic Liquid Storage Tanks of AP-42. For a given roof-landing event, total landing loss emissions are therefore the sum of the filling losses and the daily standing idle losses over the entire period that the roof remained landed. Landing losses are inherently episodic in nature and must be determined each time a tank's floating roof is landed.

Landing losses occur from floating roof tanks whenever the tank is drained to a level where its roof lands on its legs or other supports (including roof suspension cables). When a floating roof lands on its supports or legs while the tank is being drained, the floating roof remains at the same height while the product level continues to lower. This creates a vapor space underneath the roof. Liquid remaining in the bottom of the tank provides a continuous source of vapors to replace those expelled by breathing (in the case of internal floating roof tanks) or wind action (in the case of external floating roof tanks). These emissions, referred to as standing idle losses (LSL), occur daily as long as the floating roof remains landed. Additional emissions occur when incoming stock liquid fills a tank with a landed roof. The incoming volume of liquid not only displaces an equivalent volume of vapors from below the floating roof, but also generates its own set of product vapors that are displaced during the filling process. These two types of emissions are collectively referred to as filling losses (LFL). The calculation methodology used of the standing loss and refilling emissions is discussed in further detail below.

Similar to breathing losses under normal operating conditions, standing idle losses occur during that period a roof is landed with product still in the tank. Emission calculation equations for these losses are from Subsection 7.1.2.2.1 Standing Idle Losses in Section 7.1 of AP-42. The quantity of emissions is dependent upon the number of days idle, tank type (IFR/EFR), type of product stored, and the time of the year. Maximum hourly VOC emissions for tanks with idle standing losses were determined by calculating the losses for one day and then dividing by twelve hours/day. Twelve hours were used since the tanks breathe out for twelve hours/day and breathe in the other twelve hours.

Similar to loading losses, refilling losses occur while a tank is being filled with product during that period of time a roof is landed. Emission calculation equations for these losses are from Subsection 7.1.3.2.2.2 of AP-42. The quantity of emissions is dependent upon the tank type (IFR/EFR), type of product stored, time of year, and fill rate. The maximum refilling loss is based on: (1) the tank re-fill rate; and (2) the month resulting in the highest emission as a function of vapor pressure (July). Maximum hourly VOC emissions were determined by dividing the filling emissions (LFL) by the

maximum pumping rate. The calculation assumes that the product vapors within the vapor space under the tank roof are emitted from the tank at the same rate as the liquid coming into the tank.

Tank roof landing emissions associated with crude oils and crude oil condensates will be collected via vapor recovery equipment and routed to vapor combustion devices (EPN: T-COMB-1). Emissions from the vapor combustion device have been estimated using the methods outlined in the TCEQ's Air Permit Technical Guidance for Chemical Sources: Flares and Oxidizers, October 2002. VOC, NO_x, CO, SO₂, H₂S, and PM/PM₁₀/PM_{2.5} emissions were estimated from the vapor combustion due to tank roof landing in the VCU system. VOC emissions are based on vendor guaranteed destruction efficiency of at least 99.9%. NO_x and CO emissions were based on vendor guaranteed emission factors and an estimated roof landing vapor heat content of 20,000 Btu/lb. SO₂ emissions associated with crude oil and crude condensate vapor control were based on 100% conversion of any H₂S in the waste gas stream while SO₂ emissions associated with assist gas usage were based on AP-42, Section 3.2.7 emission factors. H₂S emissions were based on a max vapor space concentration of 1,000 ppm and a corresponding DRE of 98%. PM/PM₁₀/PM_{2.5} emissions were based on emission factors from AP-42, Section 3.2-7.

Detailed storage tank emission calculations are included in Appendix A, as Tables A-1 through A-4

5.1.2 Marine Vessel Loading

Loading losses are comprised of the total vapors displaced and generated by loading crude oils and/or crude oil condensate into the marine vessels. The uncontrolled loading losses have been calculated using Equation 1 from AP-42, Section 5.2:

$$L_L = 12.46 \frac{SPM}{T}$$

where:

L_L = loading loss, lb/1000 gallons of product loaded.

S = AP 42 saturation factor.

P = True Vapor Pressure at maximum temperature, psia.

M = Molecular weight of gasoline vapor, lb-lb/mole

T = Temperature of product loaded, degrees Rankine.

A Saturation factor of 0.2 was used in the calculation for ship and ocean-going barge loading operations with a factor of 0.5 for inland barges. The loading loss vapors from crude oil and crude oil condensate loading will be captured and routed to vapor combustion devices (EPNs: MVCU-1 through MVCU-8) for VOC destruction. Emissions from the vapor combustion devices have been estimated using the methods outlined in the TCEQ's Air Permit Technical Guidance for Chemical Sources: Flares and Oxidizers, October 2002. VOC emissions are based on a vendor guaranteed destruction efficiency of at least 99.8%. Uncollected fugitive loading emissions are calculated based on a collection efficiency of 99.89% for inerted vessel loading (EPNs: BERTH-1 & BERTH-2). SO₂ emissions associated with crude oil and crude condensate vapor control were based on 100% conversion of any H₂S in the waste gas stream while SO₂ emissions associated with assist gas usage were based on AP-42, Section 3.2.7 emission factors. H₂S emissions were based on a max vapor space concentration of 1,000 ppm and a corresponding DRE of 98%. PM/PM₁₀/PM_{2.5} emissions were based on emission factors from AP-42, Section 3.2-7.

Detailed loading emission calculations are included in Appendix A as Tables A-5 through A-7.

5.1.3 Piping Equipment Fugitives

The fugitive emissions from piping components and ancillary equipment were estimated using methods outlined in the TCEQ's guidance web page for Equipment Leak Fugitives¹. Each fugitive component was classified first by equipment type (valve, pump, relief valve, etc.) and then by material type (gas/vapor, light liquid, heavy liquid). Total emission rates were obtained by multiplying the number of fugitive components of a particular type by the appropriate Petroleum Marketing Terminal emission factor.

Detailed piping fugitive calculations are included in Appendix A as Table A-8.

5.2 Maintenance, Startup and Shutdown Emissions (MSS)

Maintenance, startup, and shutdown (MSS) activities and associated emissions will occur to support terminal operation. The following describes the calculations used to determine the MSS emissions associated with the each emission source included in this permit application. Detailed emission calculations are presented in Appendix B of this application.

5.2.1 Storage Tank Floating Roof Landing Losses

The roof-landing events occur for predictable maintenance events, periods of inventory control, and routine product changes. Floating roof landing emissions are estimated using the methods in Subsection 7.1.3.2.2 Roof Landings of Section 7.1 Organic Liquid Storage Tanks of AP-42. For a given roof-landing event, total landing loss emissions are therefore the sum of the filling losses and the daily standing idle losses over the entire period that the roof remained landed. Landing losses are inherently episodic in nature and must be determined each time a tank's floating roof is landed.

Landing losses occur from floating roof tanks whenever the tank is drained to a level where its roof lands on its legs or other supports (including roof suspension cables). When a floating roof lands on its supports or legs while the tank is being drained, the floating roof remains at the same height while the product level continues to lower. This creates a vapor space underneath the roof. Liquid remaining in the bottom of the tank provides a continuous source of vapors to replace those expelled by breathing (in the case of internal floating roof tanks) or wind action (in the case of external floating roof tanks). These emissions, referred to as *standing idle losses (LSL)*, occur daily as long as the floating roof remains landed. Additional emissions occur when incoming stock liquid fills a tank with a landed roof. The incoming volume of liquid not only displaces an equivalent volume of vapors from below the floating roof, but also generates its own set of product vapors that are displaced during the filling process. These two types of emissions are collectively referred to as *filling losses (LFL)*. The calculation methodology used of the standing loss and refilling emissions is discussed in further detail below.

Similar to breathing losses under normal operating conditions, standing idle losses occur during that period a roof is landed with product still in the tank. Emission calculation equations for these losses are from Subsection 7.1.2.2.1 Standing Idle Losses in Section 7.1 of AP-42. The quantity of emissions is dependent upon the number of days idle, tank type (IFR/EFR), type of product stored, and the time of the year. Maximum hourly VOC emissions for tanks with idle standing losses were determined by calculating the losses for one day and then dividing by twelve hours/day. Twelve hours were used since the tanks breathe out for twelve hours/day and breathe in the other twelve hours.

Similar to loading losses, refilling losses occur while a tank is being filled with product during that period of time a roof is landed. Emission calculation equations for these losses are from Subsection 7.1.3.2.2.2 of AP- 42. The quantity of emissions is dependent upon the tank type (IFR/EFR), type of

product stored, time of year, and fill rate. The maximum refilling loss is based on: (1) the tank re-fill rate; and (2) the month resulting in the highest emission as a function of vapor pressure (July). Maximum hourly VOC emissions were determined by dividing the filling emissions (LFL) by the maximum pumping rate. The calculation assumes that the product vapors within the vapor space under the tank roof are emitted from the tank at the same rate as the liquid coming into the tank.

Once a tank is drained, tanks storing products with true vapor pressures greater than 0.5 psia are degassed and the vapors removed from the vapor space under the floating roof are routed to vapor combustor until the VOC concentration in the vapor space is less than 5,000 parts per million by volume (ppmv) after which the tank may vent to atmosphere. Blowers are used to ventilate the tank and force out any residual volatile organic compound (VOC) material. Emissions from cleaning, refilling and degassing of VOC concentrations higher than 5,000 ppmv are routed to vapor combustor for control. Emissions from the vapor combustion device have been estimated using the methods outlined in the TCEQ's *Air Permit Technical Guidance for Chemical Sources: Flares and Oxidizers, October 2002*. VOC, NO_x, SO₂, PM/PM₁₀/PM_{2.5} and CO emissions were estimated from the vapor combustion due to tank roof landing. VOC emissions are based on vendor guaranteed destruction efficiency of at least 99.9%. SO₂ emissions associated with crude oil and crude condensate vapor control were based on 100% conversion of any H₂S in the waste gas stream while SO₂ emissions associated with assist gas usage were based on AP-42, Section 3.2.7 emission factors. H₂S emissions were based on a max vapor space concentration of 1,000 ppm and a corresponding DRE of 98%. PM/PM₁₀/PM_{2.5} emissions were based on emission factors from AP-42, Section 3.2-7..

Detailed floating roof storage tank roof landing MSS emissions are included in Appendix B as Tables B-2, B-3, and B-5.

5.2.2 Equipment Venting

Equipment venting includes, but is not limited to, liquid draining, venting to control, venting to atmosphere post control and refilling emissions during startup. The equipment venting emissions are calculated using the ideal gas law using the volume of the equipment and the material properties of the VOC material contained in the equipment. Short-term and annual emissions are based on an assumed number of simultaneous events and annual events per year, respectively. The equipment venting calculations are included to determine the contribution to the MSS cap purposes only. These

emission calculations are not to be considered enforceable representations as to the magnitude, duration, and/or frequency of individual activities.

Equipment with isolated volumes equal to or less than 50.27 ft³ will be vented to the atmosphere uncontrolled while equipment with isolated volumes greater than 50.27 ft³ will first be degassed to a portable vapor control device so to attain a VOC concentration below 10,000 ppmv. VOC, NO_x, SO₂, PM/PM₁₀/PM_{2.5} and CO emissions were estimated from the vapor combustion. VOC emissions are based on vendor guaranteed destruction efficiency of at least 99.8%. SO₂ emissions associated with crude oil and crude condensate vapor control were based on 100% conversion of any H₂S in the waste gas stream while SO₂ emissions associated with assist gas usage were based on AP-42, Section 3.2.7 emission factors. H₂S emissions were based on a max vapor space concentration of 1,000 ppm and a corresponding DRE of 98%. PM/PM₁₀/PM_{2.5} emissions were based on emission factors from AP-42, Section 3.2-7..

Detailed equipment venting emission calculations are included in Appendix B as Table B-4.

5.2.3 Vacuum Truck and Frac Tank Loading

Emissions from the use of air movers and frac tanks are estimated using the loading loss equation from AP-42, Section 5.2.

Detailed vacuum truck and frac tank loading emissions are included in Appendix B as Table B-6.

5.2.4 Pipeline Pigging Emissions

Pigging may be required to clean and maintain the product pipelines. Emission associated with pigging maintenance are calculated by employing the ideal gas equation and multiplying by the maximum number of hourly and annual pigging events anticipated. Emissions resulting from pigging activities will be controlled by carbon canister. Carbon canister emission are estimated based on vapor flow rates and a carbon breakthrough concentration of 100 ppmv.

Detailed pipeline pigging emission calculations are included in Appendix B as Table B-7.

Section 6

Best Available Control Technology

As stated in Section §116.111(a)(2)(C), new or modified facilities must utilize best available control technology (BACT), with consideration given to the technical practicability and economic reasonableness of reducing or eliminating the emissions from the facility. Each facility is evaluated on a case-by-case basis. Engineering principles and agency experience, concerning the practicality and reasonableness of an emission reduction option, are used in this determination.

As described in their guidance document entitled Evaluating Best Available Control Technology (BACT) in Air Permit Applications (April 2001), the TCEQ BACT evaluation is conducted using a “tiered” analysis approach. The evaluation begins at the first tier and continues sequentially through subsequent tiers only if necessary as determined by the evaluation process described in the TCEQ document. In each tier, BACT is evaluated on a case-by-case basis.

In the first tier, controls accepted as BACT in a recent permit review for the same process in the same industry are approved as BACT in a current review if no new technical developments have been made that would justify additional controls as economically or technically reasonable. According to the TCEQ, the second tier takes into account controls that have been accepted as BACT in recent permits for similar facilities in a different process or industry. The third tier of the TCEQ BACT approach consists of a detailed technical and economic analysis of all control options available for the process under review.

The following sections of the application describe the BACT Analysis for the activities covered in this amendment.

6.1 Storage Tanks

TCEQ's current BACT guidelines for storage tanks were obtained from its Technical Guidance Package for Chemical Sources: Storage Tanks, June 2015. The TCEQ BACT guidelines for internal floating roof (IFR) tanks storing materials with a vapor pressure greater than 0.5 psia and greater than 25,000 gallon capacity, require a mechanical or liquid mounted primary seal or vapor mounted primary seal with a rim mounted secondary seal. The storage tanks included in this application will be equipped with a primary mechanical shoe and secondary rim-mounted seal. Additionally, IFR

tank convenience landings associated with products with true vapor pressures greater than 0.5 psia will be controlled by a vapor combustion unit with a minimum DRE of 99.8%. This level of control exceeds current BACT guidelines.

6.2 Marine Vessel Loading

TCEQ's current BACT guidelines for loading operations were obtained from its Technical Guidance Package for Chemical Sources: Loading Operations, 08/2011. The TCEQ BACT guidelines for the loading of VOC with a vapor pressure greater than 0.5 psia, require the vapors to be routed to a VOC control device. The TCEQ BACT guidelines for marine loading of VOC with a vapor pressure greater than 0.5 psia, require the vapors to be routed to a VOC control device and an annual vapor tightness test as specified in 40 CFR 63.565(c) or 40 CFR 61.304(f). Vapors generated during the loading of ships are collected and routed to controls using a vacuum control system with a collection efficiency of 99.89%.

The collected emissions from marine vessels are routed to one or more of eight VCUs (EPNs: MVCU-1 through MVCU-8) with a minimum DRE of 99.8%. Axis will implement the above control system to satisfy the BACT control requirements.

6.3 Piping Equipment Fugitives

TCEQ's BACT guidance for fugitive emissions requires implementing a fugitive LDAR Program, the stringency of which varies depending on the amount of uncontrolled fugitive VOC emissions. For Harbor Island Marine Terminal, uncontrolled fugitive VOC emissions are less than 10 tpy. Per TCEQ's guidance, there is no BACT for this level of emissions.

6.4 MSS Activities

The BACT analysis addresses the following MSS activities and sources:

- MSS Vapor Control;
- Storage Tanks;
- Process Equipment and Piping;
- Air Mover, Vacuum Truck, and Frac Tanks; and
- Pipeline pigging.

BACT listings were found in the EPA RBLC search for some of the MSS activities listed above. TCEQ has no published BACT guidelines applicable to the other MSS sources or activities discussed in this application. The BACT candidates for MSS activities are based on the RBLC BACT listings and on past TCEQ permitting actions.

Best Management Practices (BMP) for MSS activities includes the following:

- Minimizing the number and duration of all planned MSS events;
- Beginning tank degassing within 24 hours after the roof has been landed and the tank completely drained;
- Degassing tanks, process equipment, and piping with volumes > 45 ft³ to a maximum outlet concentration of 10,000 ppmv, measured as VOC, and maintaining that concentration (or less) until maintenance activities are completed or refilling begins;
- Managing residual products with vapor pressures > 0.5 psia that are removed from equipment and piping as a result of an MSS activity in a controlled manner. Specifically, Axis will utilize air movers, vacuum trucks, frac tanks, and sumps equipped with vapor controls when handling materials with vapor pressures > 0.5 psia. All frac tanks will be loaded via submerged fill pipes.

Due to the insignificant level of emissions associated with the MSS activities included in this application, Axis proposes to implement the above described BMP to satisfy the BACT control requirements.

Section 7

Federal New Source Review

Non-attainment New Source Review (NNSR) permitting is required for each non-attainment pollutant at a greenfield site that results in an emission increase which exceeds the applicable major source threshold. Prevention of Significant Deterioration (PSD) permitting is required for each attainment pollutant and other regulated pollutants (such as H₂S and H₂SO₄) that exceeds the applicable major source threshold. Nueces County is designated as attainment/unclassified for the eight-hour ozone standard and attainment/unclassified for all other criteria pollutants. The emission increases associated with this permit application are summarized and compared to the PSD applicability thresholds in Table 1-1 at the end of Section 1. Included at the end of this section is a Table 1F which summarizes the Federal NSR applicability analysis.

7.1 NNSR Applicability

The Harbor Island Marine Terminal is not located in a nonattainment area for the criteria pollutants. As a result, NNSR is not applicable to the proposed project.

7.2 PSD Applicability

The Harbor Island Marine Terminal is currently a greenfield site for Federal NSR applicability purposes and the project emission increases of VOC, NO_x, CO, SO₂, H₂S, and PM/PM₁₀/PM_{2.5} are less than the applicable major source thresholds; therefore, PSD review does not apply for any of these pollutants. Because PSD review is not required for any other pollutant, PSD also does not apply to greenhouse gas (GHG) emissions.



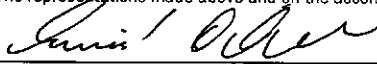
**TABLE 1F
AIR QUALITY APPLICATION SUPPLEMENT**

Permit No.: TBD	Application Submittal Date: November 2018
Axis Midstream Holdings, LLC	
RN: TBD	Facility Location: Property is approximately one mile Northwest of Highway 361, Ferry Landing
City: Port Aransas	County: Nueces
Permit Unit I.D.: TBD	Permit Name: Harbor Island Marine Terminal
Permit Activity: <input checked="" type="checkbox"/> New Source <input type="checkbox"/> Modification	
Project or Process Description: Marine Terminal	

Complete for all Pollutants with a Project Emission Increase.	POLLUTANTS								
	Ozone		CO	PM ₁₀	PM _{2.5}	NO _x	SO ₂	H ₂ S	CO ₂ ¹
	VOC	NO _x							
Nonattainment?	No	No	No	No	No	No	No	No	No
PSD?	No	Yes	Yes	No	No	Yes	Yes	Yes	Yes
Existing site PTE (tpy)?	<250	<250	<250	<250	<250	<250	<250	<250	>75000
Proposed project emission increases (tpy from 2F) ²	157.36	124.26	244.39	9.85	9.85	124.26	90.56	1.00	179,199
Is the existing site a major source?	No	No	No	No	No	No	No	No	No
If not, is the project a major source by itself?	No	No	No	No	No	No	No	No	No
If site is major, is project increase significant?	NA	NA	NA	NA	NA	NA	NA	NA	NA
If netting required, estimated start of construction?	NA								
Five years prior to start of construction	NA					contemporaneous			
Estimated start of operation	NA					period			
Net contemporaneous change, including proposed project, from Table 3F. (tpy)	NA	NA	NA	NA	NA	NA	NA	NA	NA
Major NSR Applicable?	No	No	No	No	No	No	No	No	No

1. Other PSD pollutants. [Pb, H₂S, TRS, H₂SO₄, Fluoride excluding HF, etc.]
2. Sum of proposed emissions minus baseline emissions, increases only.

The representations made above and on the accompanying tables are true and correct to the best of my knowledge.


11/19/2018
Vice President Pipeline Operations
 Signature Title

**TABLE 2F
PROJECT EMISSION INCREASE**

Pollutant ¹ : NO _x		Permit No.: TBD								
Baseline Period: N/A		A B								
FIN	EPN	Affected or Modified Facilities ²	Permit No.	Actual Emissions ³ (tons/yr)	Baseline Emissions ⁴ (tons/yr)	Proposed Emissions ⁵ (tons/yr)	Projected Actual Emissions (tons/yr)	Difference (B-A) ⁶ (tons/yr)	Correction ⁷ (tons/yr)	Project Increase ⁸ (tons/yr)
1	BERTHCAP	BERTHCAP	NA	-	-	-	-	-	-	-
2	MVCU-1 - MVCU-8	Berth Loading Fugitives Emissions Cap Controlled Loading Annual Emissions Cap	NA	-	-	118.06	-	118.06	-	118.06
3	50-1	Recycle Tank No. 1	NA	-	-	-	-	-	-	-
4	50-2	Recycle Tank No. 2	NA	-	-	-	-	-	-	-
5	T-COMB-1	Temporary Portable Combustion Unit	NA	-	-	5.57	-	5.57	-	5.57
6	MSS	MSS Emissions Cap	NA	-	-	0.63	-	0.63	-	0.63
7	FUG	Piping Fugitive Components	NA	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
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Page Subtotal ⁹ :										124.26
Project Total:										124.26

TCEQ - 20470(Revised 04/12) Table 2F
These forms are for use by facilities subject to air quality permit requirements and may be revised periodically. (APDG 5915V2)

TABLE 2F
PROJECT EMISSION INCREASE

Pollutant ¹ :		Permit No.: TBD											
Baseline Period:		N/A											
		A					B						
		Actual Emissions ³ (tons/yr)	Baseline Emissions ⁴ (tons/yr)	Proposed Emissions ⁵ (tons/yr)	Projected Actual Emissions (tons/yr)	Difference (B-A) ⁶ (tons/yr)	Correction ⁷ (tons/yr)	Project Increase ⁸ (tons/yr)					
1													
	FIN	EPN	Affected or Modified Facilities ²		Permit No.	Actual Emissions ³ (tons/yr)	Baseline Emissions ⁴ (tons/yr)	Proposed Emissions ⁵ (tons/yr)	Projected Actual Emissions (tons/yr)	Difference (B-A) ⁶ (tons/yr)	Correction ⁷ (tons/yr)	Project Increase ⁸ (tons/yr)	
1	BERTH-CAP	BERTH-CAP	Berth Loading Fugitives Emissions Cap		NA	-	-	-	-	-	-	-	
2	MVCUL-1- MVCUL-8	MVCUL-1- MVCUL-8	Controlled Loading Annual Emissions Cap		NA	-	-	236.12	-	236.12	-	236.12	
3	50-1	50-1	Recycle Tank No. 1		NA	-	-	-	-	-	-	-	
4	50-2	50-2	Recycle Tank No. 2		NA	-	-	-	-	-	-	-	
5	T-COMB-1	T-COMB-1	Temporary Portable Combustion Unit		NA	-	-	7.42	-	7.42	-	7.42	
6	MSS	MSS	MSS Emissions Cap		NA	-	-	0.84	-	0.84	-	0.84	
7	FUG	FUG	Piping Fugitive Components		NA	-	-	-	-	-	-	-	
-	-	-	-		-	-	-	-	-	-	-	-	
-	-	-	-		-	-	-	-	-	-	-	-	
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										Page Subtotal ⁹ :	244.39		
										Project Total:	244.39		

**TABLE 2F
PROJECT EMISSION INCREASE**

Pollutant ¹ : SO ₂			Permit No.: TBD								
Baseline Period: N/A			A					B			
Affected or Modified Facilities ²		Facility Name		Permit No.	Actual Emissions ³ (tons/yr)	Baseline Emissions ⁴ (tons/yr)	Proposed Emissions ⁵ (tons/yr)	Projected Actual Emissions (tons/yr)	Difference (B-A) ⁶ (tons/yr)	Correction ⁷ (tons/yr)	Project Increase ⁸ (tons/yr)
FIN	EPN										
1	BERTHCAP	BERTHCAP	Berth Loading Fugitives Emissions Cap	NA	-	-	-	-	-	-	-
2	MVCU-1 - MVCU-8	MVCU-1 - MVCU-8	Controlled Loading Annual Emissions Cap	NA	-	-	90.48	-	90.48	-	90.48
3	50-1	50-1	Recycle Tank No. 1	NA	-	-	-	-	-	-	-
4	50-2	50-2	Recycle Tank No. 2	NA	-	-	-	-	-	-	-
5	T-COMB-1	T-COMB-1	Temporary Portable Combustion Unit	NA	-	-	0.06	-	0.06	-	0.06
6	MSS	MSS	MSS Emissions Cap	NA	-	-	0.02	-	0.02	-	0.02
7	FUG	FUG	Piping Fugitive Components	NA	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-
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Page Subtotal ⁹ :											
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Project Total:											
										90.56	

8.1.5 Chapter 113 – Toxic Materials

This chapter references the regulations under 40 CFR Part 63. Applicability for those regulations is addressed in Section 8.5.

8.1.6 Chapter 114 – Motor Vehicles

Facilities included in this application are not subject to the requirements of 30 TAC Chapter 114.

8.1.7 Chapter 115 – Volatile Organic Compounds (VOC)

Facilities included in this application are subject to and will operate in compliance with the following subchapters of 30 TAC 115:

- 30 TAC §115.112 – Control Requirements for Storage of Volatile Organic Compounds;
- 30 TAC §115.212 – Control Requirements for Loading and Unloading of Volatile Organic Compounds;
- 30 TAC §115.542 – Control Requirements for Degassing of Storage Tanks, Transfer Vessels, and Marine Vessels.

8.1.8 Chapter 116 – New Construction or Modification

Facilities included in this application are subject to and will operate in compliance with the applicable requirements of 30 TAC 116.

8.1.9 Chapter 117 – Nitrogen Compounds

Facilities included in this application are subject to and will operate in compliance with the applicable requirements of 30 TAC Chapter 117.

8.1.10 Chapter 118 – Air Pollution Episodes

The facilities included in this application are subject to and will operate in compliance with the applicable requirements of 30 TAC Chapter 118.

8.1.11 Chapter 122 – Federal Operating Permits

The proposed Harbor Island Marine Terminal is a major source for Title V purposes; therefore, subject to the requirements of 30 TAC Chapter 122.

8.1.12 Impact on Schools

There are no schools located within 3,000 feet of the facilities included in this application.

8.2 Measurement of Emissions – 30 TAC §116.111(a)(2)(B)

Emissions will be sampled upon request of the Executive Director of the TCEQ.

8.3 BACT Technology – 30 TAC §116.111(a)(2)(C)

Section 6 of this application provides a detailed best available control technology analysis for the facilities included in this application.

8.4 NSPS – 30 TAC §116.111(a)(2)(D)

Facilities included in this application are subject to and will operate in compliance with the applicable requirements of the following New Source Performance Standards:

40 CFR 60, Subpart Kb	Standards of Performance for Volatile Organic Liquid Storage Vessels for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984.
-----------------------	---

8.5 NESHAP – 30 TAC §116.111(a)(2)(E)

The facilities included in this application are not subject to the requirements of the National Emission Standards for Hazardous Air Pollutants.

8.6 NESHAP for Source Categories – 30 TAC §116.111(a)(2)(F)

Facilities included in this application are subject to and will operate in compliance with the applicable requirements of the following National Emission Standards for Hazardous Air Pollutants for Source Categories:

40 CFR Part 63, Subpart Y	National Emission Standards for Marine Tank Vessel Loading Operations
---------------------------	---

8.7 Performance Demonstration – 30 TAC §116.111(a)(2)(G)

This facilities included in this application will perform as represented in the application and as required by the permit.

8.8 Nonattainment Review – 30 TAC §116.111(a)(2)(H)

Nueces County has been designated attainment or unclassified with regard to criteria pollutant National Ambient Air Quality Standards. Therefore, nonattainment New Source Review requirements are not applicable to this project.

8.9 Prevention of Significant Deterioration – 30 TAC §116.111(a)(2)(I)

See Section 7 for a detailed PSD applicability analysis.

8.10 Air Dispersion Modeling – 30 TAC §116.111(a)(2)(J)

Axis will provide air dispersion modeling results demonstrating compliance with all applicable air quality standards and guidelines, if requested by the TCEQ.

8.11 Hazardous Air Pollutants – 30 TAC §116.111(a)(2)(K)

The Harbor Island Marine Terminal is a minor source of Hazardous Air Pollutants (HAPs); therefore, it is not an affected source subject to the requirements of FCAA 112(g).

8.12 Mass Cap and Trade Allowances – 30 TAC §116.111(a)(2)(L)

The Harbor Island Marine Terminal is not located in a county that is covered by the Mass Emissions Cap and Trade (MECT) program; therefore, this rule does not apply.

8.13 Public Notice – 30 TAC §116.111(b)

This project will result in increases in allowable emissions which exceed the applicable public notice threshold; therefore, public notice is required for this application.

Appendix B

MSS Emission Calculation Details

Contains Confidential Information

Any requests for portions of this application that are marked as confidential must be submitted in writing, pursuant to the Public Information Act, to the TCEQ Public Information Coordinator, MC-197, P.O. Box 13087, Austin, Texas 78711-3087.

Texas Commission on Environmental Quality
 Form PI-1 General Application for
 Air Preconstruction Permit and Amendment
 Page 1

PAY TO THE ORDER
 OF STATE COMPTROLLER
 TCEQ

906396 2202

Important Note: The agency requires that a Core Data Form be submitted on all incoming applications unless a Regulated Entity and Customer Reference Number have been issued and no core data information has changed. For more information regarding the Core Data Form, call (512) 239-5175 or go to www.tceq.texas.gov/permitting/central_registry/guidance.html.

I. Applicant Information		
A. Company or Other Legal Name: Axis Midstream Holdings, LLC		
Texas Secretary of State Charter/Registration Number (if applicable):		
B. Company Official Contact Information: (<input checked="" type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Other:) _____		
Name: David O'Dell		
Title: Vice President Pipeline Operations		
Mailing Address: 5005 Riverway, Suite 110		
City: Houston	State: TX	ZIP Code: 77056
Telephone No.: 713-623-2412	Fax No.:	
E-mail Address: dodell@axismidstream.com		
<i>All permit correspondence will be sent via electronic copies unless hard copies are specifically requested through regular mail. The company official must initial here if hard copy correspondence is requested.</i> _____		
C. Technical Contact Name Information: (<input checked="" type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Other:) _____		
Name: Neal Nygaard		
Title: Chief Operating Officer, Principal		
Company Name: DiSorbo Consulting, LLC		
Mailing Address: 1010 Travis Street, Suite 916		
City: Houston	State: Texas	ZIP Code: 77002
Telephone No.: 713-955-1221	Fax No.: 713-955-1201	
E-mail Address: nnygaard@disorboconsult.com		
D. Site Name: Harbor Island Marine Terminal		
E. Area Name/Type of Facility: Marine Loading		<input checked="" type="checkbox"/> Permanent <input type="checkbox"/> Portable
For portable units, please provide the serial number of the equipment being authorized below.		
Serial No:	Serial No:	
F. Principal Company Product or Business: Bulk Petroleum Marine Terminal		
Principal Standard Industrial Classification Code (SIC): 4612		
Principal North American Industry Classification System (NAICS): 486110		
G. Projected Start of Construction Date: TBD		
Projected Start of Operation Date: TBD		

**Texas Commission on Environmental Quality
Form PI-1 General Application for
Air Preconstruction Permit and Amendment
Page 2**

I. Applicant Information (continued)		
H. Facility and Site Location Information (If no street address, provide clear driving directions to the site in writing.):		
Street Address:		
Property is approximately one mile Northwest of Highway 361 Ferry Landing		
City/Town: Port Aransas	County: Nueces	ZIP Code: 78336
Latitude (nearest second): 27°50'40.65" N	Longitude (nearest second): 97°05'01.31" W	
I. Account Identification Number (leave blank if new site or facility):		
J. Core Data Form		
Is the Core Data Form (Form 10400) attached? If No, provide customer reference number and regulated entity number (complete K and L).		<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
K. Customer Reference Number (CN): TBD		
L. Regulated Entity Number (RN): TBD		
II. General Information		
A. Is confidential information submitted with this application? If Yes, mark each confidential page confidential in large red letters at the bottom of each page.		<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
B. Is this application in response to an investigation, notice of violation, or enforcement action?		<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
If Yes, attach a copy of any correspondence from the agency and provide the RN in section I.L. above.		
C. Number of New Jobs: TBD		
D. Provide the name of the State Senator and State Representative and district numbers for this facility site:		
State Senator: Lois W. Kolkhorst		District No.: 18
State Representative: Todd A. Hunter		District No.: 32
III. Type of Permit Action Requested		
A. Mark the appropriate box indicating what type of action is requested.		
<input checked="" type="checkbox"/> Initial <input type="checkbox"/> Amendment <input type="checkbox"/> Revision (30 TAC § 116.116(e)) <input type="checkbox"/> Change of Location <input type="checkbox"/> Relocation		
B. Permit Number (if existing):		
C. Permit Type: Mark the appropriate box indicating what type of permit is requested. (check all that apply, skip for change of location)		
<input checked="" type="checkbox"/> Construction <input type="checkbox"/> Flexible <input type="checkbox"/> Multiple Plant <input type="checkbox"/> Nonattainment <input type="checkbox"/> Plant-Wide Applicability Limit <input type="checkbox"/> Prevention of Significant Deterioration (PSD) <input type="checkbox"/> Hazardous Air Pollutant Major Source <input type="checkbox"/> PSD for greenhouse gases (GHGs) <input type="checkbox"/> Other: _____		

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III. Type of Permit Action Requested (continued)		
D. Is a permit renewal application being submitted in conjunction with this amendment in accordance with 30 TAC § 116.315(c).	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	
E. Is this application for a change of location of previously permitted facilities?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	
If Yes, complete all parts of III.E.		
Current Location of Facility (If no street address, provide clear driving directions to the site in writing.):		
Street Address:		
City:	County:	ZIP Code:
Proposed Location of Facility (If no street address, provide clear driving directions to the site in writing.):		
Street Address:		
City:	County:	ZIP Code:
Will the proposed facility, site, and plot plan meet all current technical requirements of the permit special conditions? If "NO," attach detailed information.		<input type="checkbox"/> YES <input type="checkbox"/> NO
Is the site where the facility is moving considered a major source of criteria pollutants or HAPs?		<input type="checkbox"/> YES <input type="checkbox"/> NO
F. Are there any standard permits, standard exemptions, or PBRs to be incorporated by reference?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	
If Yes, list any PBR, standard exemptions, or standard permits that need to be referenced. (attach pages as needed)		
Are there any PBR, standard exemptions, or standard permits associated to be incorporated by consolidation?		<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
If Yes, list any PBR, standard exemptions, or standard permits that need to be consolidated. (attach pages as needed)		
If Yes, are emission calculations, a BACT analysis, and an impacts analysis attached to this application for any authorization to be incorporated by consolidation.		<input type="checkbox"/> YES <input type="checkbox"/> NO
G. Are you permitting planned maintenance, startup, and shutdown emissions?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	
If Yes, attach information on any changes to emissions under this application as specified in VII and VIII.		

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III. Type of Permit Action Requested	
H. Federal Operating Permit Requirements (30 TAC Chapter 122 Applicability)	
Is this facility located at a site required to obtain a federal operating permit?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> To Be Determined
If Yes, list all associated permit number(s), attach pages as needed.	
NA	
Identify the requirements of 30 TAC Chapter 122 that will be triggered if this application is approved.	
<input type="checkbox"/> FOP Significant Revision	<input type="checkbox"/> FOP Minor
<input type="checkbox"/> Operational Flexibility/Off-Permit Notification	<input type="checkbox"/> Application for an FOP Revision
<input checked="" type="checkbox"/> To be Determined	<input type="checkbox"/> Streamlined Revision for GOP
	<input type="checkbox"/> None
Identify the type(s) of FOP(s) issued and/or FOP application(s) submitted/pending for the site. (check all that apply)	
<input type="checkbox"/> GOP Issued	<input type="checkbox"/> GOP application/revision application submitted or under APD review
<input type="checkbox"/> SOP Issued	<input type="checkbox"/> SOP application/revision application submitted or under APD review
IV. Public Notice Applicability	
A. Is this a new permit application or a change of location application?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
B. Is this application for a concrete batch plant? If Yes, complete all parts of V.D.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
C. Is this an application for a major modification of a PSD, nonattainment, FCAA § 112(g) permit, or exceedance of a PAL permit?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
D. If this is an application for emissions of GHGs, select one of the following:	
<input type="checkbox"/> Separate Public Notice (requires a separate application)	<input type="checkbox"/> Consolidated Public Notice
E. Is this application for a PSD or major modification of a PSD located within 100 kilometers or less of an affected state or Class I Area?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
If Yes, list the affected state(s) and/or Class I Area(s).	
State	Class I Area

**Texas Commission on Environmental Quality
Form PI-1 General Application for
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Page 5**

IV. Public Notice Applicability (continued)	
F. Is this a state permit amendment application? If Yes, complete all parts of IV.F.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
Is there any change in character of emissions in this application?	<input type="checkbox"/> YES <input type="checkbox"/> NO
Is there a new air contaminant in this application?	<input type="checkbox"/> YES <input type="checkbox"/> NO
Do the facilities handle, load, unload, dry, manufacture, or process grain, seed, legumes, or vegetables fibers (agricultural facilities)?	<input type="checkbox"/> YES <input type="checkbox"/> NO
List the total annual emission increases associated with the application <i>(List all that apply and attach additional sheets as needed):</i>	
Volatile Organic Compounds (VOC):	
Sulfur Dioxide (SO ₂):	
Carbon Monoxide (CO):	
Nitrogen Oxides (NO _x):	
Particulate Matter (PM):	
PM 10 microns or less (PM ₁₀):	
PM 2.5 microns or less (PM _{2.5}):	
Lead (Pb):	
Hazardous Air Pollutants (HAPs):	
Below list other speciated air contaminants not listed above:	
V. Public Notice Information (complete if applicable)	
A. Responsible Person: (<input checked="" type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Other:)	
Name: David O'Dell	
Title: Vice President Pipeline Operations	
Company Name: Axis Midstream Holdings, LLC	
Mailing Address: 5005 Riverway, Suite 110	
City: Houston	State: TX ZIP Code: 77056
Telephone No.: 713-623-2412	Fax No.:
E-mail Address: dodell@axismidstream.com	

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Page 6**

V. Public Notice Information (complete if applicable) (continued)		
B. Technical Contact: (<input checked="" type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Other:) _____		
Name: Neal Nygaard		
Title: Chief Operating Officer, Principal		
Mailing Address: 1010 Travis Street, Suite 916		
City: Houston	State: Texas	ZIP Code: 77002
Telephone No.: 713-955-1221	Fax No.: 713-955-1201	
E-mail Address: nnygaard@disorboconsult.com		
C. Name of the Public Place: Ingleside Public Library		
Physical Address (No P.O. Boxes): 2775 Waco Street		
City: Ingleside	County: Nueces	ZIP Code: 78362
The public place has granted authorization to place the application for public viewing and copying.		<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
The public place has internet access available for the public.		<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
D. Concrete Batch Plants, PSD, and Nonattainment Permits		
County Judge Information (For Concrete Batch Plants and PSD and/or Nonattainment Permits) for this facility site.		
The Honorable:		
Mailing Address:		
City:	State:	ZIP Code:
For Concrete Batch Plants		
Is the facility located in a municipality or an extraterritorial jurisdiction of a municipality?		<input type="checkbox"/> YES <input type="checkbox"/> NO
Presiding Officers Name(s):		
Title:		
Mailing Address:		
City:	State:	ZIP Code:
Provide the name, mailing address of the chief executive for the location where the facility is or will be located.		
Chief Executive:		
Mailing Address:		
City:	State:	ZIP Code:

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V. Public Notice Information (complete if applicable) (continued)		
D. Concrete Batch Plants, PSD, and Nonattainment Permits (continued)		
Provide the name, mailing address of the Indian Governing Body for the location where the facility is or will be located.		
Indian Governing Body:		
Mailing Address:		
City:	State:	ZIP Code:
Identify the Federal Land Manager(s) for the location where the facility is or will be located.		
Federal Land Manager(s):		
E. Bilingual Notice		
Is a bilingual program required by the Texas Education Code in the School District?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	
Are the children who attend either the elementary school or the middle school closest to your facility eligible to be enrolled in a bilingual program provided by the district?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	
If Yes, list which languages are required by the bilingual program?		
Spanish		
VI. Small Business Classification (Required)		
A. Does this company (including parent companies and subsidiary companies) have fewer than 100 employees or less than \$6 million in annual gross receipts?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	
B. Is the site a major stationary source for federal air quality permitting?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	
C. Are the site emissions of any regulated air pollutant greater than or equal to 50 tpy?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	
D. Are the site emissions of all regulated air pollutants combined less than 75 tpy?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	

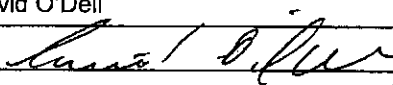
**Texas Commission on Environmental Quality
Form PI-1 General Application for
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Page 8**

VII. Technical Information	
A. The following information must be submitted with your Form PI-1 <i>(this is just a checklist to make sure you have included everything)</i>	
<input checked="" type="checkbox"/> Current Area Map <input checked="" type="checkbox"/> Plot Plan <input type="checkbox"/> Existing Authorizations <input checked="" type="checkbox"/> Process Flow Diagram <input checked="" type="checkbox"/> Process Description <input checked="" type="checkbox"/> Maximum Emissions Data and Calculations <input checked="" type="checkbox"/> Air Permit Application Tables <input checked="" type="checkbox"/> Table 1(a) (Form 10153) entitled, Emission Point Summary <input type="checkbox"/> Table 2 (Form 10155) entitled, Material Balance <input type="checkbox"/> Other equipment, process or control device tables	
B. Are any schools located within 3,000 feet of this facility?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
C. Maximum Operating Schedule: 8760	
Hour(s): 24	Day(s): 7
Week(s): 52	Year(s):
Seasonal Operation? If Yes, please describe in the space provide below.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
Hour(s):	Day(s):
Week(s):	Year(s):
D. Have the planned MSS emissions been previously submitted as part of an emissions inventory?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
Provide a list of each planned MSS facility or related activity and indicate which years the MSS activities have been included in the emissions inventories. Attach pages as needed.	
MSS Facility(s) or Activity	Year(s)

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VII. Technical Information (continued)	
E. Does this application involve any air contaminants for which a disaster review is required?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
If Yes, list which air contaminants require a disaster review	
F. Does this application include a pollutant of concern on the Air Pollutant Watch List (APWL)?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
G. Are emissions of GHGs associated with this project subject to PSD?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
If Yes, provide a list of all associated applications for this project:	
H. Does this project require an impacts analysis?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
If No, is a description of why an impacts analysis is not required attached?	<input type="checkbox"/> YES <input type="checkbox"/> NO
For Non-Federal Projects	
Is an attachment included detailing how the project meets all applicable impacts requirements, including which MERA step was met (if applicable), how the modeling was conducted (if applicable), and the results demonstrating compliance with all applicable impacts requirements following the Initial Modeling Summary guidance document?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
Note: for projects with modeling, utilizing APD's Electronic Modeling Evaluation Workbook to complete this analysis will help streamline the modeling review and is strongly encouraged.	
VIII. State Regulatory Requirements Applicants must demonstrate compliance with all applicable state regulations to obtain a permit or amendment. The application must contain detailed attachments addressing applicability or non-applicability; identify state regulations; show how requirements are met; and include compliance demonstrations.	
A. Will the emissions from the proposed facility protect public health and welfare, and comply with all rules and regulations of the TCEQ?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
B. Will emissions of significant air contaminants from the facility be measured?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
C. Is the Best Available Control Technology (BACT) demonstration attached?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
D. Will the proposed facilities achieve the performance represented in the permit application as demonstrated through recordkeeping, monitoring, stack testing, or other applicable methods?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
IX. Federal Regulatory Requirements Applicants must demonstrate compliance with all applicable federal regulations to obtain a permit or amendment. The application must contain detailed attachments addressing applicability or non-applicability; identify federal regulation subparts; show how requirements are met; and include compliance demonstrations.	
A. Does Title 40 Code of Federal Regulations Part 60, (40 CFR Part 60) New Source Performance Standard (NSPS) apply to a facility in this application?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
B. Does 40 CFR Part 61, National Emissions Standard for Hazardous Air Pollutants (NESHAP) apply to a facility in this application?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
C. Does 40 CFR Part 63, Maximum Achievable Control Technology (MACT) standard apply to a facility in this application?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO

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IX. Federal Regulatory Requirements (continued) Applicants must demonstrate compliance with all applicable federal regulations to obtain a permit or amendment. The application must contain detailed attachments addressing applicability or non-applicability; identify federal regulation subparts; show how requirements are met; and include compliance demonstrations.	
D. Do nonattainment permitting requirements apply to this application?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
E. Do prevention of significant deterioration permitting requirements apply to this application?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
F. Do Hazardous Air Pollutant Major Source [FCAA § 112(g)] requirements apply to this application?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
G. Is a Plant-wide Applicability Limit permit being requested?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
X. Professional Engineer (P.E.) Seal	
Is the estimated capital cost of the project greater than \$2 million dollars?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
If Yes, submit the application under the seal of a Texas licensed P.E.	
XI. Permit Fee Information	
Check, Money Order, Transaction Number, ePay Voucher Number:	
Fee Amount: \$75,000	
Paid online?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
Company name on check: Axis Midstream Holdings, LLC	
Is a Table 30 (Form 10196) entitled, Estimated Capital Cost and Fee Verification, attached?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
XII. Delinquent Fees and Penalties	
This form will not be processed until all delinquent fees and/or penalties owed to the TCEQ or the Office of the Attorney General on behalf of the TCEQ is paid in accordance with the Delinquent Fee and Penalty Protocol. For more information regarding Delinquent Fees and Penalties, go to the TCEQ Web site at: www.tceq.texas.gov/agency/financial/fees/delin .	
XIII. Signature	
The signature below confirms that I have knowledge of the facts included in this application and that these facts are true and correct to the best of my knowledge and belief. I further state that to the best of my knowledge and belief, the project for which application is made will not in any way violate any provision of the Texas Water Code (TWC), Chapter 7; the Texas Health and Safety Code, Chapter 382, the Texas Clean Air Act (TCAA) the air quality rules of the Texas Commission on Environmental Quality; or any local governmental ordinance or resolution enacted pursuant to the TCAA. I further state that I understand my signature indicates that this application meets all applicable nonattainment, prevention of significant deterioration, or major source of hazardous air pollutant permitting requirements. The signature further signifies awareness that intentionally or knowingly making or causing to be made false material statements or representations in the application is a criminal offense subject to criminal penalties.	
Name: David O'Dell	
Signature:	 <i>Original Signature Required</i>
Date: 11/19/2018	



Texas Commission on Environmental Quality
Table 30
Estimated Capital Cost and Fee Verification

Include estimated cost of the equipment and services that would normally be capitalized according to standard and generally accepted corporate financing and accounting procedures. Tables, checklists, and guidance documents pertaining to air quality permits are available from the Texas Commission on Environmental Quality, Air Permits Division Web site at www.tceq.texas.gov/nav/permits/air_permits.html.

I. Direct Costs [30 TAC § 116.141(c)(1)]	Estimated Capital Cost
A. A process and control equipment not previously owned by the applicant and not currently authorized under this chapter.	\$-
B. Auxiliary equipment, including exhaust hoods, ducting, fans, pumps, piping, conveyors, stacks, storage tanks, waste disposal facilities, and air pollution control equipment specifically needed to meet permit and regulation requirements.	\$-
C. Freight charges	\$-
D. Site preparation, including demolition, construction of fences, outdoor lighting, road, and parking areas.	\$-
E. Installation, including foundations, erection of supporting structures, enclosures or weather protection, insulation and painting, utilities and connections, process integration, and process control equipment.	\$-
F. Auxiliary buildings, including materials storage, employee facilities, and changes to existing structures.	\$-
G. Ambient air monitoring network.	\$-
II. Indirect Costs [30 TAC § 116.141(c)(2)]	Estimated Capital Cost
A. Final engineering design and supervision, and administrative overhead.	\$-
B. Construction expense, including construction liaison, securing local building permits, insurance, temporary construction facilities, and construction clean-up.	\$-
C. Contractor's fee and overhead.	\$-
Total Estimated Capital Cost	\$ > \$25,000,000

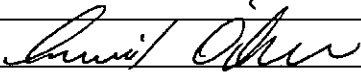
Texas Commission on Environmental Quality
Table 30
Estimated Capital Cost and Fee Verification

I certify that the total estimated capital cost of the project as defined in 30 TAC § 116.141 is equal to or less than the above figure. I further state that I have read and understand Texas Water Code § 7.179, which defines Criminal Offenses for certain violations, including intentionally or knowingly making, or causing to be made, false material statements or representations.

Company Name: Axis Midstream Holdings, LLC

Company Representative Name (please print): David O'Dell

Title: Vice President Pipeline Operations

Company Representative Signature: 

Estimated Capital Cost		Permit Application Fee	GHG*/PSD/Nonattainment Application Fee
Less than	\$300,000	\$900 (minimum fee)	\$3,000 (minimum fee)
\$300,000 to	\$25,000,000	0.30% of capital cost	_____
\$300,000 to	\$7,500,000	_____	1.0% of capital cost
Greater than	\$25,000,000	\$75,000 (maximum fee)	_____
Greater than	\$7,500,000	_____	\$75,000 (maximum fee)

*A single PSD fee (calculated on the capital cost of the project per 30 TAC § 116.163) will be required for all of the associated permitting actions for a GHG PSD project. Other NSR permit fees related to the project that have already been remitted to the TCEQ can be subtracted when determining the appropriate fee to submit with the GHG PSD application; please identify these other fees in the GHG PSD permit application.

Permit Application Fee (from table above) = \$ 75,000 Date: 11/19/2018



TCEQ Use Only

TCEQ Core Data Form

For detailed instructions regarding completion of this form, please read the Core Data Form Instructions or call 512-239-5175.

SECTION I: General Information

1. Reason for Submission (If other is checked please describe in space provided.)		
<input checked="" type="checkbox"/> New Permit, Registration or Authorization (Core Data Form should be submitted with the program application.)		
<input type="checkbox"/> Renewal (Core Data Form should be submitted with the renewal form)	<input type="checkbox"/> Other	
2. Customer Reference Number (if issued)	Follow this link to search for CN or RN numbers in Central Registry**	3. Regulated Entity Reference Number (if issued)
CN		RN

SECTION II: Customer Information

4. General Customer Information		5. Effective Date for Customer Information Updates (mm/dd/yyyy)	
<input checked="" type="checkbox"/> New Customer		<input type="checkbox"/> Update to Customer Information	
<input type="checkbox"/> Change in Legal Name (Verifiable with the Texas Secretary of State or Texas Comptroller of Public Accounts)		<input type="checkbox"/> Change in Regulated Entity Ownership	
The Customer Name submitted here may be updated automatically based on what is current and active with the Texas Secretary of State (SOS) or Texas Comptroller of Public Accounts (CPA).			
6. Customer Legal Name (If an individual, print last name first: eg: Doe, John)		If new Customer, enter previous Customer below:	
Axis Midstream Holdings, LLC			
7. TX SOS/CPA Filing Number	8. TX State Tax ID (11 digits)	9. Federal Tax ID (9 digits)	10. DUNS Number (if applicable)
802812872	32064822730	82-2771615	
11. Type of Customer:	<input type="checkbox"/> Corporation	<input type="checkbox"/> Individual	Partnership: <input type="checkbox"/> General <input checked="" type="checkbox"/> Limited
Government: <input type="checkbox"/> City <input type="checkbox"/> County <input type="checkbox"/> Federal <input type="checkbox"/> State <input type="checkbox"/> Other	<input type="checkbox"/> Sole Proprietorship	<input type="checkbox"/> Other:	
12. Number of Employees	13. Independently Owned and Operated?		
<input checked="" type="checkbox"/> 0-20 <input type="checkbox"/> 21-100 <input type="checkbox"/> 101-250 <input type="checkbox"/> 251-500 <input type="checkbox"/> 501 and higher	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
14. Customer Role (Proposed or Actual) – as it relates to the Regulated Entity listed on this form. Please check one of the following:			
<input type="checkbox"/> Owner <input type="checkbox"/> Operator <input checked="" type="checkbox"/> Owner & Operator			
<input type="checkbox"/> Occupational Licensee <input type="checkbox"/> Responsible Party <input type="checkbox"/> Voluntary Cleanup Applicant <input type="checkbox"/> Other:			
15. Mailing Address:	5005 Riverway, Suite 110		
	City	Houston	State TX ZIP 77056 ZIP + 4
16. Country Mailing Information (if outside USA)		17. E-Mail Address (if applicable)	
18. Telephone Number	19. Extension or Code	20. Fax Number (if applicable)	
(713) 623-2412		() -	

SECTION III: Regulated Entity Information

21. General Regulated Entity Information (If 'New Regulated Entity' is selected below this form should be accompanied by a permit application)	
<input checked="" type="checkbox"/> New Regulated Entity <input type="checkbox"/> Update to Regulated Entity Name <input type="checkbox"/> Update to Regulated Entity Information	
The Regulated Entity Name submitted may be updated in order to meet TCEQ Agency Data Standards (removal of organizational endings such as Inc, LP, or LLC.)	
22. Regulated Entity Name (Enter name of the site where the regulated action is taking place.)	
Harbor Island Marine Terminal	

23. Street Address of the Regulated Entity: <i>(No PO Boxes)</i>							
	City		State		ZIP		ZIP + 4
24. County							

Enter Physical Location Description if no street address is provided.

25. Description to Physical Location:	Property is approximately one mile Northwest of Highway 361 Ferry Landing				
26. Nearest City	State		Nearest ZIP Code		
Port Aransas	TX		78336		
27. Latitude (N) In Decimal:	28. Longitude (W) In Decimal:				
Degrees	Minutes	Seconds	Degrees	Minutes	Seconds
27	50	40.65	97	05	01.31
29. Primary SIC Code (4 digits)	30. Secondary SIC Code (4 digits)	31. Primary NAICS Code (5 or 6 digits)		32. Secondary NAICS Code (5 or 6 digits)	
4612		486110			
33. What is the Primary Business of this entity? <i>(Do not repeat the SIC or NAICS description.)</i>					
Marine Loading					
34. Mailing Address:					
	City		State		ZIP
35. E-Mail Address:					
36. Telephone Number		37. Extension or Code		38. Fax Number <i>(if applicable)</i>	
() -				() -	

39. TCEQ Programs and ID Numbers Check all Programs and write in the permits/registration numbers that will be affected by the updates submitted on this form. See the Core Data Form instructions for additional guidance.

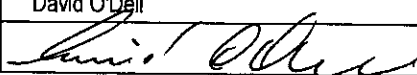
<input type="checkbox"/> Dam Safety	<input type="checkbox"/> Districts	<input type="checkbox"/> Edwards Aquifer	<input checked="" type="checkbox"/> Emissions Inventory Air	<input checked="" type="checkbox"/> Industrial Hazardous Waste
<input type="checkbox"/> Municipal Solid Waste	<input checked="" type="checkbox"/> New Source Review Air	<input type="checkbox"/> OSSF	<input type="checkbox"/> Petroleum Storage Tank	<input type="checkbox"/> PWS
<input type="checkbox"/> Sludge	<input checked="" type="checkbox"/> Storm Water	<input type="checkbox"/> Title V Air	<input type="checkbox"/> Tires	<input type="checkbox"/> Used Oil
<input type="checkbox"/> Voluntary Cleanup	<input type="checkbox"/> Waste Water	<input type="checkbox"/> Wastewater Agriculture	<input type="checkbox"/> Water Rights	<input type="checkbox"/> Other:

SECTION IV: Preparer Information

40. Name:	James F. Wedemeier II	41. Title:	Senior Staff Consultant
42. Telephone Number	43. Ext./Code	44. Fax Number	45. E-Mail Address
(713) 955-1223		(713) 955-1201	jwedemeier@disorboconsult.com

SECTION V: Authorized Signature

46. By my signature below, I certify, to the best of my knowledge, that the information provided in this form is true and complete, and that I have signature authority to submit this form on behalf of the entity specified in Section II, Field 6 and/or as required for the updates to the ID numbers identified in field 39.

Company:	Axis Midstream Holdings, LLC	Job Title:	Vice President Pipeline Operations
Name (In Print):	David O'Dell	Phone:	(713) 623-2412
Signature:		Date:	11/19/2019