Texas Commission on Environmental Quality

Title V New

Site Information (Regulated Entity)

What is the name of the permit area to be authorized?	DFW10 DFW11 DFW17A DFW17B DFW17C
Does the site have a physical address?	No
Because there is no physical address, describe how to locate this site:	THE FACILITY DFW10 DFW11 DFW17A DFW17B DFW17C IS LOCATED 0.5 MILES SOUTHWEST OF HIGHWAY 22, AND ADJACENT TO THE NORTHEAST SIDE OF FARM TO MARKET ROAD NUMBER 56
City	WHITNEY
State	TX
ZIP	76692
County	BOSQUE
Latitude (N) (##.######)	31.85293
Longitude (W) (-###.######)	-97.368583
Primary SIC Code	
Secondary SIC Code	
Primary NAICS Code	518210
Secondary NAICS Code	
Regulated Entity Site Information	
What is the Regulated Entity's Number (RN)?	RN112240379
What is the name of the Regulated Entity (RE)?	DFW10 DFW11 DFW17A DFW17B DFW17C
Does the RE site have a physical address?	No
Because there is no physical address, describe how to locate this site:	THE FACILITY DFW10 DFW11 DFW17A DFW17B DFW17C IS LOCATED 0.5 MILES SOUTHWEST OF HIGHWAY 22, AND ADJACENT TO THE NORTHEAST SIDE OF FARM TO MARKET ROAD NUMBER 56
City	WHITNEY
State	TX
ZIP	76692
County	BOSQUE
Latitude (N) (##.######)	31.85293
Longitude (W) (-###.######)	-97.368583
Facility NAICS Code	518210
What is the primary business of this entity?	DATA CENTER

Customer (Applicant) Information

How is this applicant associated with this site?	Owner Operator
What is the applicant's Customer Number (CN)?	CN604843086
Type of Customer	Corporation
Full legal name of the applicant:	
Legal Name	CyrusOne LLC
Texas SOS Filing Number	801520887
Federal Tax ID	274286158

State Franchise Tax ID	32046019926
State Sales Tax ID	
Local Tax ID	
DUNS Number	19127739
Number of Employees	251-500
Independently Owned and Operated?	Yes

Responsible Official Contact

Person TCEQ should contact for questions about this application:	
Organization Name	CyrusOne LLC
Prefix	MR
First	Danny
Middle	
Last	Cowser
Suffix	
Credentials	
Title	Senior Vice President, Construction
Enter new address or copy one from list:	
Mailing Address	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	2850 N HARWOOD ST STE 2200
Routing (such as Mail Code, Dept., or Attn:)	
City	DALLAS
State	TX
ZIP	75201
Phone (###-###-####)	2145079557
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	
E-mail	dcowser@cyrusone.com

Duly Authorized Representative Contact

Person TCEQ should contact for questions about this application	
Same as another contact?	
Organization Name	CyrusOne LLC
Prefix	MR
First	Robert
Middle	
Last	Orms
Suffix	
Credentials	
Title	Senior Director of Operations, West
Enter new address or copy one from list	
Mailing Address	
Address Type	Domestic

Mailing Address (include Suite or Bldg. here, if applicable)	11003 CORPORATE CENTRE DR
Routing (such as Mail Code, Dept., or Attn:)	
City	HOUSTON
State	TX
Zip	77041
Phone (###-###-####)	5126771197
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	
E-mail	rorms@cyrusone.com

Technical Contact

Person TCEQ should contact for questions about this application:	
Same as another contact?	
Organization Name	CyursOne LLC
Prefix	MR
First	Jason
Middle	
Last	Walters
Suffix	
Credentials	
Title	Regional Operations Director
Enter new address or copy one from list:	
Mailing Address	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	11003 CORPORATE CENTRE DR
Routing (such as Mail Code, Dept., or Attn:)	
City	HOUSTON
State	TX
ZIP	77041
Phone (###-###-####)	8325898063
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	
E-mail	JDWALTERS@CYRUSONE.COM

Title V General Information - New

1) Permit Latitude Coordinate:	31 Deg 51 Min 11 Sec
2) Permit Longitude Coordinate:	97 Deg 22 Min 7 Sec
3) Is this submittal a new application or an update to an existing application?	New Application
3.1. What type of Federal Operating Permit are you applying for?	SOP
3.2. Is this submittal an abbreviated or a full application?	Full
3.3. Is this application for a portable facility?	No

3.4. Is the site a non-major source subject to the Federal Operating Permit Program?	No
3.5. Are there any permits that should be voided upon issuance of this permit application through permit conversion?	No
3.6. Are there any permits that should be voided upon issuance of this permit application through permit consolidation?	No
4) Who will electronically sign this Title V application?	Responsible Official
5) Does this application include Acid Rain Program or Cross-State Air Pollution Rule requirements?	No

Title V Attachments New

Attach OP-1 (Site Information Summary)

[File Properties]

File Name	OP_1_FINAL_CyrusOne Bosque_TVOP Initial Application_2026-0626.pdf
Hash	DC02C454339230076AA51536F6FEA0C20C0985D180077AC4D75E03CB428E9DBD
MIME-Type	application/pdf

Attach OP-ACPS (Application Compliance Plan and Schedule)

Attach OP-REQ1 (Application Area-Wide Applicability Determinations and General Information)

Attach OP-REQ2 (Negative Applicable Requirement Determinations)

Attach OP-REQ3 (Applicable Requirements Summary)

Attach OP-PBRSUP (Permits by Rule Supplemental Table)

Attach OP-SUM (Individual Unit Summary)

Attach OP-MON (Monitoring Requirements)

Attach OP-UA (Unit Attribute) Forms

Attach OP-CRO2 (Change of Responsible Official Information)

Attach OP-DEL (Delegation of Responsible Official)

Attach any other necessary information needed to complete the permit.

An additional space to attach any other necessary information needed to complete the permit.

Expedite Title V

1) Per Texas Health and Safety Code, Section 382.05155, does the applicant want to expedite the processing of this application?	No

Certification

I certify that I am the Responsible Official for this application and that, based on information and belief formed after reasonable inquiry, the statements and information on this form are true, accurate, and complete.

1. I am Danny Cowser, the owner of the STEERS account ER054238.
2. I have the authority to sign this data on behalf of the applicant named above.
3. I have personally examined the foregoing and am familiar with its content and the content of any attachments, and based upon my personal knowledge and/or inquiry of any individual responsible for information contained herein, that this information is true, accurate, and complete.
4. I further certify that I have not violated any term in my TCEQ STEERS participation agreement and that I have no reason to believe that the confidentiality or use of my password has been compromised at any time.
5. I understand that use of my password constitutes an electronic signature legally equivalent to my written signature.
6. I also understand that the attestations of fact contained herein pertain to the implementation, oversight and enforcemer of a state and/or federal environmental program and must be true and complete to the best of my knowledge.
7. I am aware that criminal penalties may be imposed for statements or omissions that I know or have reason to believe are untrue or misleading.
8. I am knowingly and intentionally signing Title V New.
9. My signature indicates that I am in agreement with the information on this form, and authorize its submittal to the TCEC

OWNER OPERATOR Signature: Danny Cowser OWNER OPERATOR

Account Number:	ER054238
Signature IP Address:	76.213.145.201
Signature Date:	2026-07-09
Signature Hash:	F4457B260355C9742B0DB4BC46A204AAB2071FA4E33BD163A9BEADC5DBEF1775
Form Hash Code at time of Signature:	B28E97EC1F8FF5757AC18DA85694BF406EE0F741415AF4F2D588E017813E522A

Submission

Reference Number:	The application reference number is 937034
Submitted by:	The application was submitted by ER054238/Danny Cowser
Submitted Timestamp:	The application was submitted on 2026-07-09 at 08:28:41 CDT
Submitted From:	The application was submitted from IP address 76.213.145.201
Confirmation Number:	The confirmation number is 781920
Steers Version:	The STEERS version is 6.94

Additional Information

Application Creator: This account was created by Rachel E Korenek

RAMBOLL

ENVIRONMENT
& HEALTH

Electronic delivery to R6AirPermitsTX@epa.gov

Environmental Protection Agency, Region 6
Air Permits Section (ARPE)
1201 Elm St., Suite 500
Dallas, Texas 75270

RE: TITLE V OPERATING PERMIT INITIAL APPLICATION
CYRUSONE LLC, BOSQUE SITE
WHITNEY, BOSQUE COUNTY, TEXAS
TCEQ REGULATED ENTITY NUMBER: RN112240379
TCEQ CUSTOMER NUMBER: CN604843086

Date June 2, 2026

Ramboll
10333 Richmond Avenue
Suite 910
Houston, TX 77042
USA

www.ramboll.com

Dear Sir/Madam:

On behalf of CyrusOne LLC ("CyrusOne"), Ramboll Americas Engineering Solutions, Inc. (Ramboll) is submitting the enclosed initial Title V Operating Permit (TVOP) application for their Bosque Site (DFW10 DFW11 DFW17a DFW17b DFW17c), located 0.5 miles southwest of Highway 22, and adjacent to the northeast side of Farm to Market Road Number 56 (31°51'10.55"N, 97°22'6.90"W) in Bosque County, Texas. The Bosque site is a new site which is subject to the Federal Operating Permits Program. CyrusOne is meeting the requirements for a timely application set forth in 30 TAC §122.130 by submitting this application prior to commencing operation of the constructed emission units at the site. The purpose of this application submittal is to authorize emission units which have been installed at the site (buildings DFW10 and DFW11) prior to these units commencing operations. A separate TVOP amendment application shall be submitted to authorize operations for the remaining emission units located at other buildings (DFW17a, DFW17b, DFW17c) once constructed.

The required forms for an initial TVOP application are included as attachments to this letter as follows:

- Attachment A – Facility Information
  - Area Map
  - Plot Plan
  - Process Flow Diagram
  - Process Description
- Attachment B – Potential Emissions Calculations
- Attachment C – Application Forms
  - OP-1 – Site Information Summary
  - OP-CRO1 – Certification by Responsible Official
  - OP-DEL – Delegation of Responsible Official
  - OP-REQ1 – Application Area-Wide Applicability Determinations and General Information
  - OP-REQ2 - Negative Applicable Requirement Determinations Form
  - OP-REQ3 - Applicable Requirements Summary Form

- OP-ACPS – Application Compliance Plan and Schedule
- OP-SUM – Individual Unit Summary
- OP-PBRSUP – Permits by Rule Supplemental Table
- OP-UA2 – Stationary Reciprocating Internal Combustion Engine Attributes
- OP-UA3 – Storage Tank Vessel Attributes
- PIP - Public Involvement Plan Form for Permit and Registration Applications

In addition to electronic submittal to the Texas Commission on Environmental Quality (TCEQ) via the State of Texas Environmental Electronic Reporting System (STEERS), a copy of this application was sent to the U.S. Environmental Protection Agency and the appropriate TCEQ regional office (TCEQ Region 9 – Waco). There are no local air pollution control programs for this facility.

Please contact CyrusOne's Director of Environmental Compliance, Laura Cottrell, at +1 603-793-0534 or by email at lcottrell@cryrusone.com, or me at +1 978-449-0316 or by email at scarcieri@ramboll.com if you have any questions or need additional information.

Sincerely,

Stephanie Carcieri
Senior Managing Consultant, Air and Climate

D +1 978 449 0316
scarcieri@ramboll.com

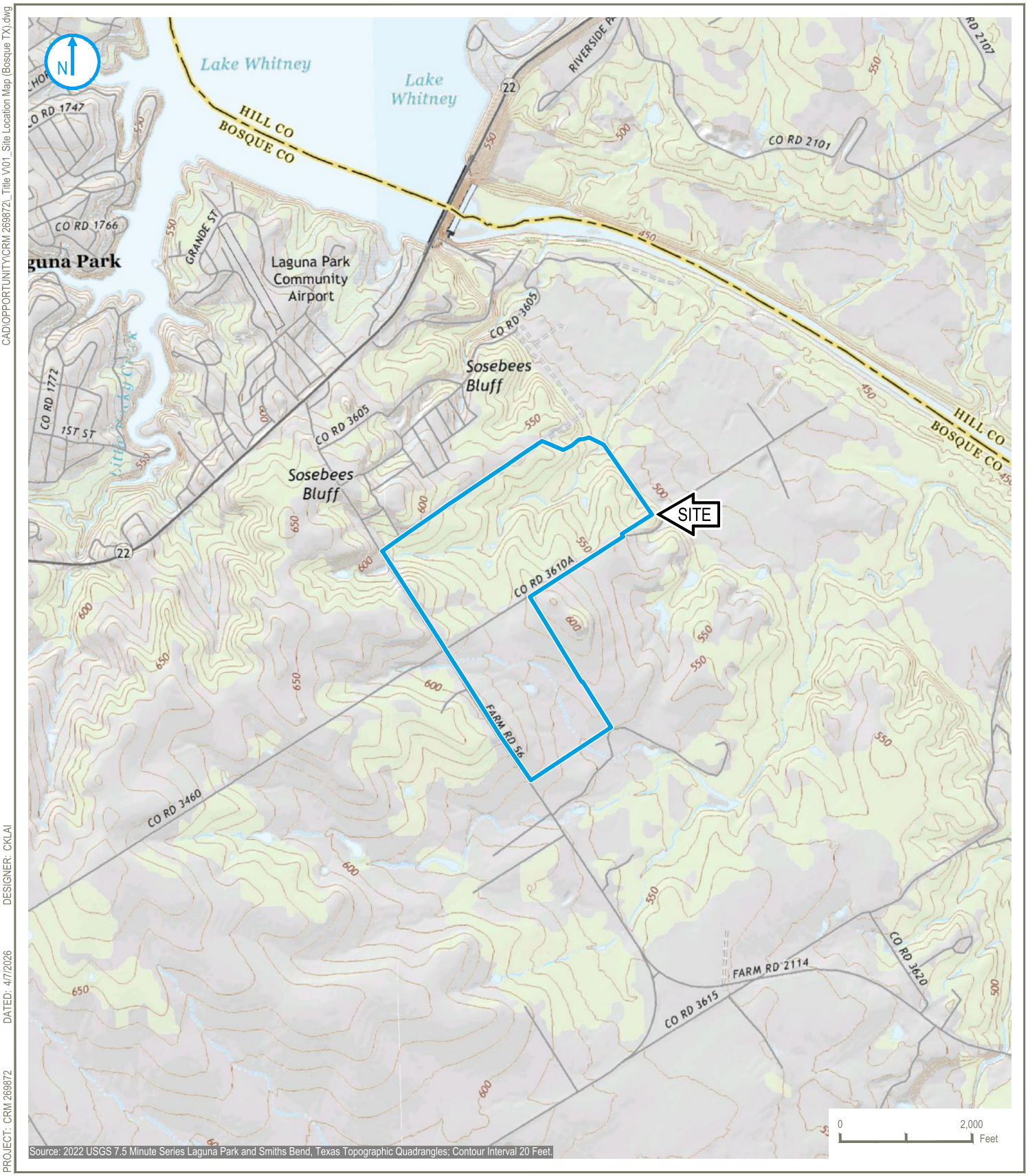
Enclosure

cc: Texas Commission on Environmental Quality, Regional Office, Region 9, Regional Director David Mann, 6801 Sanger Ave, Ste 2500, Waco, Texas 76710-7826

Texas Commission on Environmental Quality, Air Permits Initial Review Team (APIRT), MC 161, 12100 Park 35 Circle, Building C, Third Floor, Austin, Texas 78753

ATTACHMENT A
FACILITY INFORMATION

AREA MAP



CAD\OPPORTUNITY\CRM 269872_Title V\01_Site Location Map (Bosque TX).dwg

DESIGNER: CKLAI

DATED: 4/7/2026

PROJECT: CRM 269872

Map Scale: 1:24,000 | Map Center: 31°51'1.61", -97°22'6.67"



KEY MAP

SITE LOCATION MAP

CYRUSONE

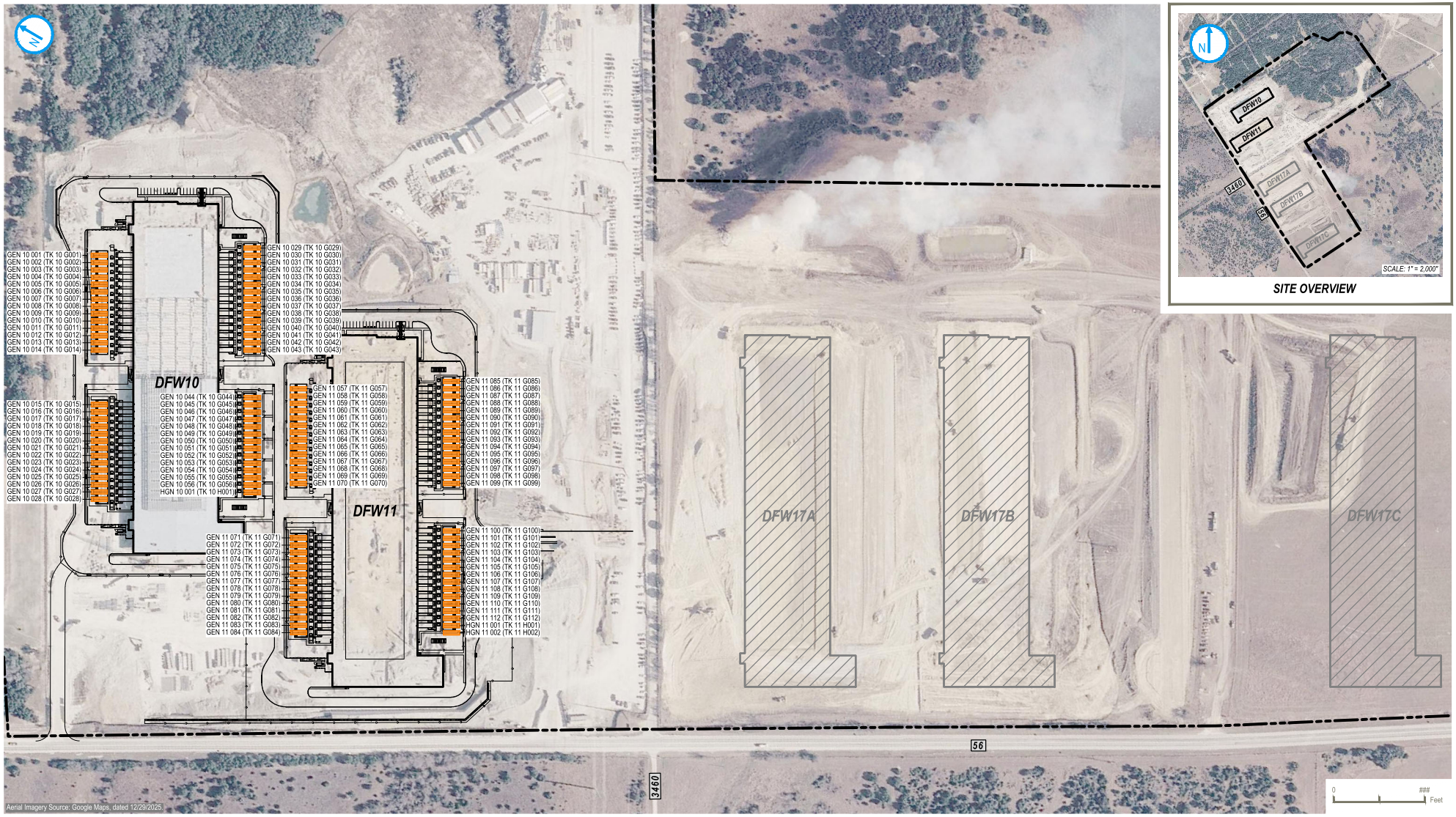
DFW10 DFW11 DFW17A DFW17B DFW17C FACILITY
31°51'10.55"N, 97°22'6.90"W
BOSQUE COUNTY, TEXAS

FIGURE 01

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.
A RAMBOLL COMPANY

RAMBOLL

PLOT PLAN



SITE OVERVIEW

PROPERTY BOUNDARY (APPROXIMATE)

BUILDINGS NOT YET CONSTRUCTED; DFW17c IS A POTENTIAL FUTURE DEVELOPMENT

OPERATING GENERATOR AND BELLY TANK

FACILITY LAYOUT MAP

CYRUSONE

DFW10 DFW11 DFW17A DFW17B DFW17C FACILITY
31°51'10.55"N, 97°22'6.90"W
BOSQUE COUNTY, TEXAS

FIGURE 02

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.
A RAMBOLL COMPANY

RAMBOLL

CAD\OPPORTUNITY\CRM 269872_Title V.02_Facility Layout Map (Bosque TX).dwg
DATED: 4/8/2026 DESIGNER: CK/LAI
PROJECT: CRM 269872

PROCESS FLOW DIAGRAM

PROCESS FLOW DIAGRAMS

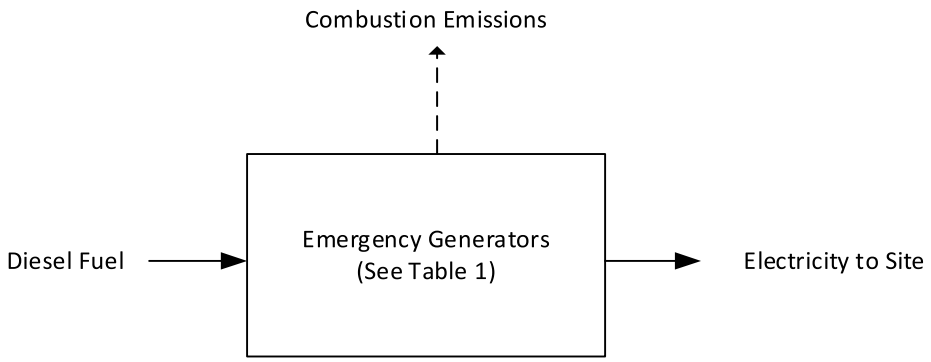


Figure 3. Process Flow Diagram for Emergency Engines

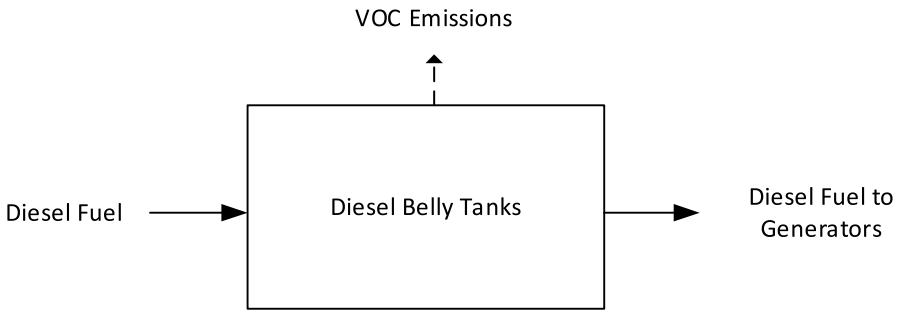


Figure 4. Process Flow Diagram for Diesel Belly Tanks

PROCESS DESCRIPTION

PROCESS DESCRIPTION

CyrusOne owns and operates the Bosque data center (DFW10 DFW11 DFW17a DFW17b DFW17c; "the site" or "the facility"), located at 0.5 miles southwest of Highway 22, and adjacent to the northeast side of Farm to Market Road Number 56 (31°51'10.55"N, 97°22'6.90"W) in Bosque County, Texas. The facility includes the use of emergency generators to provide backup electricity for the facility's operations in the event of an emergency or power loss from the utility provider. The units also operate periodically to perform maintenance and readiness testing checks and to meet the federal New Source Performance Standards (NSPS) subpart IIII requirements. Each emergency generator has an associated diesel belly tank. Process flow diagrams for operation of the generators and belly tanks are presented in an earlier portion of this attachment (Figures 3 and 4).

By submitting this application, CyrusOne is establishing the site as a new Title V major source, as the potential oxides of nitrogen (NOx) emissions from the site's operations will be above Title V major source thresholds.

There are no stationary combustion sources at the site other than the emergency backup generators. The only other stationary sources of VOC emissions will be the facility's diesel belly tanks. A list of the generator IDs associated with each engine is shown in **Table 1**.

Table 1. Emergency Generators at the Facility

EPN	Installation Date	Generator Make and Model	Associated Diesel Belly Tanks
GEN 10 001	2026	CAT3516C	TK 10 G001
GEN 10 002	2026	CAT3516C	TK 10 G002
GEN 10 003	2026	CAT3516C	TK 10 G003
GEN 10 004	2026	CAT3516C	TK 10 G004
GEN 10 005	2026	CAT3516C	TK 10 G005
GEN 10 006	2026	CAT3516C	TK 10 G006
GEN 10 007	2026	CAT3516C	TK 10 G007
GEN 10 008	2026	CAT3516C	TK 10 G008
GEN 10 009	2026	CAT3516C	TK 10 G009
GEN 10 010	2026	CAT3516C	TK 10 G010
GEN 10 011	2026	CAT3516C	TK 10 G011
GEN 10 012	2026	CAT3516C	TK 10 G012
GEN 10 013	2026	CAT3516C	TK 10 G013
GEN 10 014	2026	CAT3516C	TK 10 G014
GEN 10 015	2026	CAT3516C	TK 10 G015
GEN 10 016	2026	CAT3516C	TK 10 G016

EPN	Installation Date	Generator Make and Model	Associated Diesel Belly Tanks
GEN 10 017	2026	CAT3516C	TK 10 G017
GEN 10 018	2026	CAT3516C	TK 10 G018
GEN 10 019	2026	CAT3516C	TK 10 G019
GEN 10 020	2026	CAT3516C	TK 10 G020
GEN 10 021	2026	CAT3516C	TK 10 G021
GEN 10 022	2026	CAT3516C	TK 10 G022
GEN 10 023	2026	CAT3516C	TK 10 G023
GEN 10 024	2026	CAT3516C	TK 10 G024
GEN 10 025	2026	CAT3516C	TK 10 G025
GEN 10 026	2026	CAT3516C	TK 10 G026
GEN 10 027	2026	CAT3516C	TK 10 G027
GEN 10 028	2026	CAT3516C	TK 10 G028
GEN 10 029	2026	CAT3516C	TK 10 G029
GEN 10 030	2026	CAT3516C	TK 10 G030
GEN 10 031	2026	CAT3516C	TK 10 G031
GEN 10 032	2026	CAT3516C	TK 10 G032
GEN 10 033	2026	CAT3516C	TK 10 G033
GEN 10 034	2026	CAT3516C	TK 10 G034
GEN 10 035	2026	CAT3516C	TK 10 G035
GEN 10 036	2026	CAT3516C	TK 10 G036
GEN 10 037	2026	CAT3516C	TK 10 G037
GEN 10 038	2026	CAT3516C	TK 10 G038
GEN 10 039	2026	CAT3516C	TK 10 G039
GEN 10 040	2026	CAT3516C	TK 10 G040
GEN 10 041	2026	CAT3516C	TK 10 G041
GEN 10 042	2026	CAT3516C	TK 10 G042
GEN 10 043	2026	CAT3516C	TK 10 G043
GEN 10 044	2026	CAT3516C	TK 10 G044
GEN 10 045	2026	CAT3516C	TK 10 G045
GEN 10 046	2026	CAT3516C	TK 10 G046
GEN 10 047	2026	CAT3516C	TK 10 G047
GEN 10 048	2026	CAT3516C	TK 10 G048
GEN 10 049	2026	CAT3516C	TK 10 G049

EPN	Installation Date	Generator Make and Model	Associated Diesel Belly Tanks
GEN 10 050	2026	CAT3516C	TK 10 G050
GEN 10 051	2026	CAT3516C	TK 10 G051
GEN 10 052	2026	CAT3516C	TK 10 G052
GEN 10 053	2026	CAT3516C	TK 10 G053
GEN 10 054	2026	CAT3516C	TK 10 G054
GEN 10 055	2026	CAT3516C	TK 10 G055
GEN 10 056	2026	CAT3516C	TK 10 G056
GEN 11 057	2026	Cummins QSK60-G19 DQKAN	TK 11 G057
GEN 11 058	2026	Cummins QSK60-G19 DQKAN	TK 11 G058
GEN 11 059	2026	Cummins QSK60-G19 DQKAN	TK 11 G059
GEN 11 060	2026	Cummins QSK60-G19 DQKAN	TK 11 G060
GEN 11 061	2026	Cummins QSK60-G19 DQKAN	TK 11 G061
GEN 11 062	2026	Cummins QSK60-G19 DQKAN	TK 11 G062
GEN 11 063	2026	Cummins QSK60-G19 DQKAN	TK 11 G063
GEN 11 064	2026	Cummins QSK60-G19 DQKAN	TK 11 G064
GEN 11 065	2026	Cummins QSK60-G19 DQKAN	TK 11 G065
GEN 11 066	2026	Cummins QSK60-G19 DQKAN	TK 11 G066
GEN 11 067	2026	Cummins QSK60-G19 DQKAN	TK 11 G067
GEN 11 068	2026	Cummins QSK60-G19 DQKAN	TK 11 G068
GEN 11 069	2026	Cummins QSK60-G19 DQKAN	TK 11 G069
GEN 11 070	2026	Cummins QSK60-G19 DQKAN	TK 11 G070
GEN 11 071	2026	Cummins QSK60-G19 DQKAN	TK 11 G071
GEN 11 072	2026	Cummins QSK60-G19 DQKAN	TK 11 G072
GEN 11 073	2026	Cummins QSK60-G19 DQKAN	TK 11 G073
GEN 11 074	2026	Cummins QSK60-G19 DQKAN	TK 11 G074
GEN 11 075	2026	Cummins QSK60-G19 DQKAN	TK 11 G075
GEN 11 076	2026	Cummins QSK60-G19 DQKAN	TK 11 G076
GEN 11 077	2026	Cummins QSK60-G19 DQKAN	TK 11 G077
GEN 11 078	2026	Cummins QSK60-G19 DQKAN	TK 11 G078
GEN 11 079	2026	Cummins QSK60-G19 DQKAN	TK 11 G079
GEN 11 080	2026	Cummins QSK60-G19 DQKAN	TK 11 G080
GEN 11 081	2026	Cummins QSK60-G19 DQKAN	TK 11 G081
GEN 11 082	2026	Cummins QSK60-G19 DQKAN	TK 11 G082

EPN	Installation Date	Generator Make and Model	Associated Diesel Belly Tanks
GEN 11 083	2026	Cummins QSK60-G19 DQKAN	TK 11 G083
GEN 11 084	2026	Cummins QSK60-G19 DQKAN	TK 11 G084
GEN 11 085	2026	Cummins QSK60-G19 DQKAN	TK 11 G085
GEN 11 086	2026	Cummins QSK60-G19 DQKAN	TK 11 G086
GEN 11 087	2026	Cummins QSK60-G19 DQKAN	TK 11 G087
GEN 11 088	2026	Cummins QSK60-G19 DQKAN	TK 11 G088
GEN 11 089	2026	Cummins QSK60-G19 DQKAN	TK 11 G089
GEN 11 090	2026	Cummins QSK60-G19 DQKAN	TK 11 G090
GEN 11 091	2026	Cummins QSK60-G19 DQKAN	TK 11 G091
GEN 11 092	2026	Cummins QSK60-G19 DQKAN	TK 11 G092
GEN 11 093	2026	Cummins QSK60-G19 DQKAN	TK 11 G093
GEN 11 094	2026	Cummins QSK60-G19 DQKAN	TK 11 G094
GEN 11 095	2026	Cummins QSK60-G19 DQKAN	TK 11 G095
GEN 11 096	2026	Cummins QSK60-G19 DQKAN	TK 11 G096
GEN 11 097	2026	Cummins QSK60-G19 DQKAN	TK 11 G097
GEN 11 098	2026	Cummins QSK60-G19 DQKAN	TK 11 G098
GEN 11 099	2026	Cummins QSK60-G19 DQKAN	TK 11 G099
GEN 11 100	2026	Cummins QSK60-G19 DQKAN	TK 11 G100
GEN 11 101	2026	Cummins QSK60-G19 DQKAN	TK 11 G101
GEN 11 102	2026	Cummins QSK60-G19 DQKAN	TK 11 G102
GEN 11 103	2026	Cummins QSK60-G19 DQKAN	TK 11 G103
GEN 11 104	2026	Cummins QSK60-G19 DQKAN	TK 11 G104
GEN 11 105	2026	Cummins QSK60-G19 DQKAN	TK 11 G105
GEN 11 106	2026	Cummins QSK60-G19 DQKAN	TK 11 G106
GEN 11 107	2026	Cummins QSK60-G19 DQKAN	TK 11 G107
GEN 11 108	2026	Cummins QSK60-G19 DQKAN	TK 11 G108
GEN 11 109	2026	Cummins QSK60-G19 DQKAN	TK 11 G109
GEN 11 110	2026	Cummins QSK60-G19 DQKAN	TK 11 G110
GEN 11 111	2026	Cummins QSK60-G19 DQKAN	TK 11 G111
GEN 11 112	2026	Cummins QSK60-G19 DQKAN	TK 11 G112
HGN 10 001	2026	CAT3516C	TK 10 H001
HGN 11 001	2026	Cummins QSK38-G18 C1500DE	TK 11 H001
HGN 11 002	2026	Cummins QSK38-G18 C1500DE	TK 11 H002

ATTACHMENT B
POTENTIAL EMISSIONS CALCULATIONS

RAMBOLL

CyrusOne, LLC
DFW10 DFW11 DFW 17a DFW17b DFW 17c

Emergency Generator Calculations

Number of Generator Engines and Operating Hours [1, 2]

New Critical Generators		Potential Number of Hours of Operation at Each Load (hrs/engine/yr)				
		<=10%	11%-25%	26%-50%	51%-75%	76%-100%
Cummins QSK60-G19 DQKAN	56	48	37	38	37	48
Caterpillar 3516C	56	48	37	38	37	48
New House Generators						
Caterpillar 3516C	1	48	37	38	37	48
Cummins QSK38-G18 C1500DE	2	48	37	38	37	48
Total	**115**	**23,920**				

Notes:
(1) The facility currently includes 112 critical generators and 3 house generators total for DFW10 and DFW11. The critical and house generators at DFW10 will be 2.25 MWe CAT 3516C generators. The critical generators at DFW11 will be 2.25 MWe Cummins generator, and the house generators will be 1.5 MWe Cummins generators. See manufacturer specifications for more detail.
(2) Yearly operational hours listed at each load are for example emissions demonstration only. The actual operational limit will be determined on site using operational hours and load records to determine when the maximum allowable emissions have been reached.

Engine Power Output by Load

Engines Group	Power Output[1]					Units of Power Provided
	10% Load	25% Load	50% Load	75% Load	Full Standby	
Cummins QSK60-G19 DQKAN	385.0	854.0	1,637.0	2,419.0	3,202.0	BHP
Caterpillar 3516C	455.0	941.0	1,752.0	2,563.0	3,374.0	BHP
Cummins QSK38-G18 C1500DE	--	630.0	1,161.0	1,692.0	2,244.0	BHP

Notes:
(1) Per the manufacturer specification sheets and performance data.

Diesel Fuel Consumption and Heat Input by Load

Engines Group	Diesel Fuel Consumption (gal/hr) [1]					Heat Input (MMBtu/hr/engine) [2]				
	10% Load [3]	25% Load	50% Load	75% Load	Full Standby	10% Load	25% Load	50% Load	75% Load	Full Standby
Cummins QSK60-G19 DQKAN	26.0	48.0	82.0	116.0	152.0	3.6	6.6	11.2	15.9	20.8
Caterpillar 3516C	29.0	53.0	91.0	125.0	159.2	4.0	7.3	12.5	17.1	21.8
Cummins QSK38-G18 C1500DE	10.4	35.0	59.0	84.0	104.0	1.4	4.8	8.1	11.5	14.3

Notes:
(1) Refer to enclosed manufacturer specification sheets and performance data for each engine model.
(2) Diesel fuel consumption was converted to heat input based on the diesel high heating value from the USEPA's AP-42, Section 3.4, Large Stationary Diesel and All Stationary Dual-fuel Engines, Table 3.4-1, footnote a (October 1996):
Diesel HHV = 0.137 MMBtu/gal
(3) 10% load data was not available for Cummins QSK38-G18 C1500DE so 10% of the Full Standby Load was used as an estimate.

Uncontrolled Emission Factors

Pollutant	Uncontrolled Emission Factors - Cummins QSK60-G19 DQKAN (g/bhp-hr) [1,2]					Uncontrolled Emission Factors - Caterpillar 3516C (g/bhp-hr) [1,2]					Uncontrolled Emission Factors - Cummins QSK38-G18 C1500DE (g/bhp-hr) [1,2,4]				
	10% Load	25% Load	50% Load	75% Load	Full Standby	10% Load [3]	25% Load	50% Load	75% Load	Full Standby	10% Load	25% Load	50% Load	75% Load	Full Standby
NO_x	6.91	4.41	4.79	5.13	6.32	7.04	3.53	3.65	4.80	6.07	--	3.99	4.80	5.34	8.97
CO	4.00	2.20	1.20	0.60	1.00	4.80	1.66	0.65	0.48	0.60	--	2.00	1.40	1.00	0.40
VOC[3]	0.83	0.27	0.15	0.12	0.09	1.00	0.43	0.30	0.20	0.14	--	0.22	0.09	0.07	0.07
Filterable PM[4]	0.14	0.36	0.16	0.10	0.10	0.30	0.15	0.08	0.05	0.04	--	0.16	0.20	0.08	0.02

Notes:
(1) Refer to enclosed manufacturer performance data for each engine model. The Cummins and Caterpillar engines emission factors are conservatively based on the manufacturer's "Potential Site Variation" performance data.
(2) Cummins generators assume all Nonmethane Hydrocarbons (NMHC) are VOC, and Caterpillar generators assumes that all hydrocarbons (HC) are VOC.
(3) Assumes that all filterable PM is less than 2.5 microns in diameter (i.e., PM = PM_{10} = $PM_{2.5}$).
(4) 10% load emission factor was not available for Cummins QSK38-G18 C1500DE.

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Emergency Generator Calculations

AP-42 Emission Factors

Pollutant	Emission Factor (lb/MMBtu)[1]
SO_2[2]	1.52E-03
Condensable PM	7.70E-03
Benzene	7.76E-04
Toluene	2.81E-04
Xylenes	1.93E-04
Formaldehyde	7.89E-05
Acetaldehyde	2.52E-05
Acrolein	7.88E-06
Total PAH[3]	2.12E-04

Notes:
(1) Emission factors are from the U.S. EPA's AP-42, Section 3.4, Large Stationary Diesel And All Stationary Dual-fuel Engines, Tables 3.4-1, 3.4-2, 3.4-3, and 3.4-4 (October 1996).
(2) The SO_2 emission factor was calculated based on the maximum allowable diesel fuel sulfur content under NSPS Subpart IIII:
Diesel Sulfur Content = 0.0015 wt.% Sulfur
(3) PAH = Polycyclic Aromatic Hydrocarbons

Hourly Emission Rate Conversion of Uncontrolled Emission Factor

Pollutant	Cummins QSK60-G19 DQKAN Engines (lb/hr/gen) [1, 2]						Caterpillar 3516C Engines (lb/hr/gen) [1, 2]						Cummins QSK38-G18 C1500DE Engines (lb/hr/gen) [1, 2]					
	10% Load	25% Load	50% Load	75% Load	Full Standby	Maximum	10% Load	25% Load	50% Load	75% Load	Full Standby	Maximum	10% Load	25% Load	50% Load	75% Load	Full Standby	Maximum
Criteria Pollutants																		
NO_x	5.87	8.30	17.29	27.36	44.61	**44.61**	7.06	7.32	14.10	27.12	45.15	**45.15**	--	5.54	12.29	19.92	44.38	**44.38**
CO	3.40	4.14	4.33	3.20	7.06	**7.06**	4.81	3.44	2.51	2.71	4.46	**4.81**	--	2.78	3.58	3.73	1.98	**3.73**
VOC	0.70	0.51	0.54	0.64	0.64	**0.70**	1.00	0.89	1.16	1.13	1.04	**1.16**	--	0.31	0.23	0.26	0.35	**0.35**
Filt. PM	0.12	0.68	0.58	0.53	0.71	**0.71**	0.30	0.31	0.31	0.28	0.30	**0.31**	--	0.22	0.51	0.30	0.10	**0.51**
$PM/PM_{10}/PM_{2.5}$[3]	0.15	0.73	0.66	0.66	0.87	**0.87**	0.33	0.37	0.41	0.41	0.47	**0.47**	--	0.26	0.57	0.39	0.21	**0.57**
SO_2	5.40E-03	9.96E-03	1.70E-02	2.41E-02	3.16E-02	**0.03**	2.16E-03	7.27E-03	1.22E-02	1.74E-02	2.16E-02	**0.02**	2.16E-03	7.27E-03	1.22E-02	1.74E-02	2.16E-02	**0.02**
Hazardous Air Pollutants																		
Benzene	2.76E-03	5.10E-03	8.72E-03	1.23E-02	1.62E-02	**1.62E-02**	1.11E-03	3.72E-03	6.27E-03	8.93E-03	1.11E-02	**1.11E-02**	1.11E-03	3.72E-03	6.27E-03	8.93E-03	1.11E-02	**1.11E-02**
Toluene	1.00E-03	1.85E-03	3.16E-03	4.47E-03	5.85E-03	**5.85E-03**	4.00E-04	1.35E-03	2.27E-03	3.23E-03	4.00E-03	**4.00E-03**	4.00E-04	1.35E-03	2.27E-03	3.23E-03	4.00E-03	**4.00E-03**
Xylenes	6.88E-04	1.27E-03	2.17E-03	3.07E-03	4.02E-03	**4.02E-03**	2.75E-04	9.26E-04	1.56E-03	2.22E-03	2.75E-03	**2.75E-03**	2.75E-04	9.26E-04	1.56E-03	2.22E-03	2.75E-03	**2.75E-03**
Formaldehyde	2.81E-04	5.19E-04	8.87E-04	1.25E-03	1.64E-03	**1.64E-03**	1.12E-04	3.78E-04	6.38E-04	9.08E-04	1.12E-03	**1.12E-03**	1.12E-04	3.78E-04	6.38E-04	9.08E-04	1.12E-03	**1.12E-03**
Acetaldehyde	8.98E-05	1.66E-04	2.83E-04	4.01E-04	5.25E-04	**5.25E-04**	3.59E-05	1.21E-04	2.04E-04	2.90E-04	3.59E-04	**3.59E-04**	3.59E-05	1.21E-04	2.04E-04	2.90E-04	3.59E-04	**3.59E-04**
Acrolein	2.81E-05	5.18E-05	8.85E-05	1.25E-04	1.64E-04	**1.64E-04**	1.12E-05	3.78E-05	6.37E-05	9.07E-05	1.12E-04	**1.12E-04**	1.12E-05	3.78E-05	6.37E-05	9.07E-05	1.12E-04	**1.12E-04**
Total PAH	7.55E-04	1.39E-03	2.38E-03	3.37E-03	4.42E-03	**4.42E-03**	3.02E-04	1.02E-03	1.71E-03	2.44E-03	3.02E-03	**3.02E-03**	3.02E-04	1.02E-03	1.71E-03	2.44E-03	3.02E-03	**3.02E-03**
Total HAP	5.61E-03	1.04E-02	1.77E-02	2.50E-02	3.28E-02	**3.28E-02**	2.24E-03	7.55E-03	1.27E-02	1.81E-02	2.24E-02	**2.24E-02**	2.24E-03	7.55E-03	1.27E-02	1.81E-02	2.24E-02	**2.24E-02**

Notes:
(1) For engine-specific emission factors:
Hourly Emissions at Load X (lb/hr/gen) = Emission Factor at Load X (g/bhp-hr) x Engine Power at Load X (bhp/gen) / (453.6 g/lb)
(2) For AP-42 emission factors:
Hourly Emissions at Load *X* (lb/hr/gen) = Emission Factor (lb/MMBtu) x Heat Input at Load *X* (MMBtu/hr/gen)
(3) Total $PM/PM_{10}/PM_{2.5}$ is the sum of filterable $PM/PM_{10}/PM_{2.5}$ and condensable PM.

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Emergency Generator Calculations

Fuel Usage-Based Pound per Gallon Emission Rates Based on the Fuel Consumption and the Hourly Emission Rate

Pollutant	Cummins QSK60-G19 DQKAN Engines - Fuel Usage-Based Emission Factors (lb/gal) [1, 2]						Caterpillar 3516C Engines - Fuel Usage-Based Emission Factors (lb/gal) [1, 2]						Cummins QSK38-G18 C1500DE Engines - Fuel Usage-Based Emission Factors (lb/gal) [1, 2]					
	10% Load	25% Load	50% Load	75% Load	Full Standby	Maximum	10% Load	25% Load	50% Load	75% Load	Full Standby	Maximum	10% Load	25% Load [5]	50% Load	75% Load	Full Standby	Maximum
Criteria Pollutants																		
NO_x	0.23	0.17	0.21	0.24	0.29	**0.29**	0.24	0.14	0.15	0.22	0.28	**0.28**	--	0.16	0.21	0.24	0.43	**0.43**
CO	0.13	0.09	0.05	0.03	0.05	**0.13**	0.17	0.06	0.03	0.02	0.03	**0.17**	--	0.08	0.06	0.04	0.02	**0.08**
VOC	0.03	0.01	6.60E-03	5.52E-03	4.18E-03	**0.03**	0.03	0.02	0.01	0.01	0.01	**0.03**	--	0.01	3.90E-03	3.11E-03	3.33E-03	**0.01**
Filt. PM	4.57E-03	0.01	7.04E-03	4.60E-03	4.64E-03	**0.01**	0.01	0.01	3.40E-03	2.26E-03	1.87E-03	**0.01**	--	0.01	0.01	3.55E-03	9.51E-04	**0.01**
$PM/PM_{10}/PM_{2.5}$ [3]	5.63E-03	0.02	8.10E-03	5.65E-03	5.70E-03	**0.02**	0.01	0.01	4.45E-03	3.32E-03	2.92E-03	**0.01**	--	0.01	0.01	4.61E-03	2.01E-03	**0.01**
SO_2	2.08E-04	2.08E-04	2.08E-04	2.08E-04	2.08E-04	**2.08E-04**	7.44E-05	1.37E-04	1.35E-04	1.40E-04	1.36E-04	**1.40E-04**	2.08E-04	2.08E-04	2.08E-04	2.08E-04	2.08E-04	**2.08E-04**
Hazardous Air Pollutants																		
Benzene	1.06E-04	1.06E-04	1.06E-04	1.06E-04	1.06E-04	**1.06E-04**	3.81E-05	7.02E-05	6.89E-05	7.15E-05	6.95E-05	**7.15E-05**	1.06E-04	1.06E-04	1.06E-04	1.06E-04	1.06E-04	**1.06E-04**
Toluene	3.85E-05	3.85E-05	3.85E-05	3.85E-05	3.85E-05	**3.85E-05**	1.38E-05	2.54E-05	2.50E-05	2.59E-05	2.52E-05	**2.59E-05**	3.85E-05	3.85E-05	3.85E-05	3.85E-05	3.85E-05	**3.85E-05**
Xylenes	2.64E-05	2.64E-05	2.64E-05	2.64E-05	2.64E-05	**2.64E-05**	9.48E-06	1.75E-05	1.71E-05	1.78E-05	1.73E-05	**1.78E-05**	2.64E-05	2.64E-05	2.64E-05	2.64E-05	2.64E-05	**2.64E-05**
Formaldehyde	1.08E-05	1.08E-05	1.08E-05	1.08E-05	1.08E-05	**1.08E-05**	3.88E-06	7.14E-06	7.01E-06	7.27E-06	7.06E-06	**7.27E-06**	1.08E-05	1.08E-05	1.08E-05	1.08E-05	1.08E-05	**1.08E-05**
Acetaldehyde	3.45E-06	3.45E-06	3.45E-06	3.45E-06	3.45E-06	**3.45E-06**	1.24E-06	2.28E-06	2.24E-06	2.32E-06	2.26E-06	**2.32E-06**	3.45E-06	3.45E-06	3.45E-06	3.45E-06	3.45E-06	**3.45E-06**
Acrolein	1.08E-06	1.08E-06	1.08E-06	1.08E-06	1.08E-06	**1.08E-06**	3.87E-07	7.13E-07	7.00E-07	7.26E-07	7.05E-07	**7.26E-07**	1.08E-06	1.08E-06	1.08E-06	1.08E-06	1.08E-06	**1.08E-06**
Total PAH	2.91E-05	2.91E-05	2.91E-05	2.91E-05	2.91E-05	**2.91E-05**	1.04E-05	1.92E-05	1.88E-05	1.95E-05	1.90E-05	**1.95E-05**	2.91E-05	2.91E-05	2.91E-05	2.91E-05	2.91E-05	**2.91E-05**
Total HAP	2.16E-04	2.16E-04	2.16E-04	2.16E-04	2.16E-04	**2.16E-04**	7.73E-05	1.42E-04	1.40E-04	1.45E-04	1.41E-04	**1.45E-04**	2.16E-04	2.16E-04	2.16E-04	2.16E-04	2.16E-04	**2.16E-04**

Notes:
(1) For engine-specific emission factors:
Per-Gallon Emissions at Load *X* (lb/gal/gen) = {Emission Factor at Load *X* (g/bhp-hr) x Engine Power at Load *X* (bhp/gen) / (453.6 g/lb)} / {Engine-Specific Fuel Usage at Load *X* (gal/hr)}
(2) For AP-42 emission factors:
Per-Gallon Emissions at Load *X* (lb/gal/gen) = {Emission Factor (lb/MMBtu) x Heat Input at Load *X* (MMBtu/hr/gen)} / {Engine-Specific Fuel Usage at Load *X* (gal/hr)}
(3) Total $PM/PM_{10}/PM_{2.5}$ is the sum of filterable $PM/PM_{10}/PM_{2.5}$ and condensable PM.

Site-Wide Potential Criteria Pollutant Emissions based on Maximum Pound per Hour Emission Rates

Pollutant	Total Potential Annual Emissions for House Generators [All Purposes] (tpy)	Total Potential Annual Emissions for Critical Generators [All Purposes] (tpy)	Total Potential Annual Emissions for All Generators [All Purposes] (tpy)
NO_x	5.70	244.04	249.7
CO	0.86	47.78	48.64
VOC	0.15	9.64	9.80
$PM/PM_{10}/PM_{2.5}$	0.10	5.81	5.91
SO_2	3.78E-03	0.17	0.18
Hazardous Air Pollutants [1]			
Benzene	2.30E-03	0.11	0.11
Toluene	8.35E-04	0.04	0.04
Xylenes	5.73E-04	0.03	0.03
Formaldehyde	2.34E-04	1.11E-02	0.01
Acetaldehyde	7.48E-05	3.56E-03	3.63E-03
Acrolein	2.34E-05	1.11E-03	1.14E-03
Total PAH	6.30E-04	0.03	0.03
Total HAP	4.67E-03	0.22	0.23

Notes:
(1) The HAPs are calculated using the max fuel consumption rate across all engines to provide a conservative assumption of HAP emissions

Cummins QSK38-G18 C1500DE

Spec Sheet

SSE 2024_163

November 7th, 2024

To Whom It May Concern:

With regards to Cummins Power Systems (CPS) manufactured diesel generator set model **C1500DE** rated for 60 Hz operation and equipped with Cummins **QSK38-G18** engine:

When tested under the following conditions:

Table 1	
Fuel Specification:	ASTM D975 No. 2-D S15 diesel fuel with 0.0015% sulfur content (by weight), and 42-48 cetane number.
Air Inlet Temperature:	77 °F
Fuel Inlet Temperature:	104 °F (at fuel pump inlet)
Barometric Pressure:	29.53 in. Hg
Humidity:	NOx measurement corrected to 75 grains H2O/lb. dry air

Based on engine emissions validation testing, the table below represents the nominal performance and exhaust emissions data for the generator set listed above:

		Standby			
PERFORMANCE DATA	**25%**	**50%**	**75%**	**90%**	**100%**
Electrical Power (kWe)	375	750	1125	1350	1500
Engine Power (BHP at 1800 RPM/60Hz)	630	1161	1692	2010	2244
Fuel Consumption (US Gal/hr)	35	59	84	95	104
Exhaust Gas Flow (CFM)	4872	7214	9620	10265	10704
Exhaust Gas Temperature (°F)	766	832	879	909	933
NOx (Oxides of Nitrogen)	3.14	3.78	4.20	5.51	7.06
NMHC (Nonmethane Hydrocarbons)	0.13	0.05	0.04	0.04	0.04
CO (Carbon Monoxide)	1.0	0.7	0.5	0.3	0.2
PM (Particulate Matter)	0.08	0.10	0.04	0.02	0.01
All emissions values above are cited as g/bhp-hr					

Steady-State emissions recorded per ISO8178-1 during operation at rated engine speed (+/-2%) and stated constant load (+/-2%) with engine temperatures, pressures and emission rates stabilized.

The NOx, HC, CO, and PM emission data tabulated here are representative of test data taken from a single engine under the test conditions shown above. Data for the other components are estimated. This data is subject to instrumentation and engine-to-engine variability. Field emissions test data is not guaranteed to these levels. Actual field test results may vary due to test ambient, site conditions, installation, fuel specification, test procedures, instrumentation and ambient correction factors. Engine operation with excessive air intake or exhaust restriction beyond published maximum limits, or with improper maintenance, may result in elevated emission levels.

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Values provided in the table below are representative of “Potential Site Variation” for the CyrusOne site NVA in Sterling, VA. These values account for variances as indicated above without consideration of improper generator set maintenance.

		Standby			
PERFORMANCE DATA	**25%**	**50%**	**75%**	**90%**	**100%**
Electrical Power (kWe)	375	750	1125	1350	1500
Engine Power (BHP at 1800 RPM/60Hz)	630	1161	1692	2010	2244
NOx (Oxides of Nitrogen)	3.99	4.80	5.34	7.00	8.97
NMHC (Nonmethane Hydrocarbons)	0.22	0.09	0.07	0.07	0.07
CO (Carbon Monoxide)	2.0	1.4	1.0	0.6	0.4
PM (Particulate Matter)	0.16	0.20	0.08	0.04	0.02
All emissions values above are cited as g/bhp-hr					
Potential Site variation values provided above are accounted for Engine, Ambient variation and measurement with no correction factors.					

The values in this letter are applicable for engines operating on ASTM D975 DF2 and paraffinic fuels conforming to EN15940, including Hydrotreated Vegetable Oil (HVO). Please consult Fluids for Cummins Engines bulletin # 3379001 for more information on the applicability of HVO.

The data and information provided in this letter is for informational purposes to assist customers in making purchasing decisions appropriate for their site-specific compliance needs. Owners/operators of compression ignition internal combustion engines are responsible for ensuring compliance with applicable local, state, and federal standards when CI engines are installed at the owner/operator site. The data and information contained herein regarding site variation values in particular should be considered as part of a site-specific compliance evaluation.

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Best Regards,



Miguel Araujo
Application Engineer – Strategic Accounts (Data Center)
Cummins Power Generation

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CAT3516C Spec Sheet

PERFORMANCE DATA[EM6222]

January 21, 2025

Performance Number: EM6222 **Change Level: 01**

SALES MODEL:	3516C	**COMBUSTION:**	DIRECT INJECTION
BRAND:	CAT	**ENGINE SPEED (RPM):**	1,800
MACHINE SALES MODEL:		**HERTZ:**	60
ENGINE POWER (BHP):	3,379	**FAN POWER (HP):**	130.1
GEN POWER WITH FAN (EKW):	2,250.0	**ASPIRATION:**	TA
COMPRESSION RATIO:	14.7	**AFTERCOOLER TYPE:**	ATAAC
RATING LEVEL:	MISSION CRITICAL STANDBY	**AFTERCOOLER CIRCUIT TYPE:**	JW+OC, ATAAC
PUMP QUANTITY:	1	**INLET MANIFOLD AIR TEMP (F):**	122
FUEL TYPE:	DIESEL	**JACKET WATER TEMP (F):**	219.2
MANIFOLD TYPE:	DRY	**TURBO CONFIGURATION:**	PARALLEL
GOVERNOR TYPE:	ADEM3	**TURBO QUANTITY:**	4
ELECTRONICS TYPE:	ADEM3	**TURBOCHARGER MODEL:**	GT6041BN-48T-1.10
CAMSHAFT TYPE:	STANDARD	**CERTIFICATION YEAR:**	2022
IGNITION TYPE:	CI	**CRANKCASE BLOWBY RATE (FT3/HR):**	3,619.4
INJECTOR TYPE:	EUI	**FUEL RATE (RATED RPM) NO LOAD (GAL/HR):**	16.0
FUEL INJECTOR:	3920221	**PISTON SPD @ RATED ENG SPD (FT/MIN):**	2,539.4
UNIT INJECTOR TIMING (IN):	64.34		
REF EXH STACK DIAMETER (IN):	12		
MAX OPERATING ALTITUDE (FT):	2,953		

INDUSTRY	SUBINDUSTRY	APPLICATION
ELECTRIC POWER	STANDARD	PACKAGED GENSET
OIL AND GAS	LAND PRODUCTION	PACKAGED GENSET

General Performance Data

THIS STANDBY RATING IS FOR A STANDBY ONLY ENGINE ARRANGEMENT. RERATING THE ENGINE TO A PRIME OR CONTINUOUS RATING IS NOT PERMITTED.

THE INLET MANIFOLD AIR TEMP LISTED IN THE HEADER, AND IN THE GENERAL PERFORMANCE DATA, IS THE AVERAGE INLET MANIFOLD TEMP FRONT TO REAR ON THE ENGINE.

GENSET POWER WITH FAN	PERCENT LOAD	ENGINE POWER	BRAKE MEAN EFF PRES (BMEP)	BRAKE SPEC FUEL CONSUMPTN (BSFC)	ISO BRAKE SPEC FUEL CONSUMPTN (BSFC)	VOL FUEL CONSUMPTN (VFC)	ISO VOL FUEL CONSUMPTN (VFC)	ELEC SPEC FUEL CONSUMPTN (ESFC)	ISO ELEC SPEC FUEL CONSUMPTN (ESFC)
EKW	%	BHP	PSI	LB/BHP-HR	LB/BHP-HR	GAL/HR	GAL/HR	LB/EKW-HR	LB/EKW-HR
2,250.0	100	3,374	312	0.335	0.328	159.2	156.2	0.502	0.492
2,025.0	90	3,050	282	0.338	0.331	145.2	142.4	0.509	0.499
1,800.0	80	2,726	252	0.343	0.336	131.8	129.2	0.519	0.509
1,687.5	75	2,563	237	0.346	0.339	125.0	122.7	0.526	0.516
1,575.0	70	2,401	222	0.350	0.343	118.3	116.1	0.533	0.523
1,350.0	60	2,077	192	0.358	0.351	104.9	102.9	0.551	0.541
1,125.0	50	1,752	162	0.368	0.361	91.0	89.2	0.574	0.563
900.0	40	1,428	132	0.377	0.370	75.9	74.4	0.598	0.587
675.0	30	1,103	102	0.390	0.383	60.7	59.5	0.637	0.625
562.5	25	941	87	0.400	0.392	53.0	52.0	0.669	0.656
450.0	20	779	72	0.407	0.399	44.7	43.8	0.704	0.691
225.0	10	455	42	0.453	0.444	29.0	28.5	0.914	0.897

GENSET POWER WITH FAN	PERCENT LOAD	ENGINE POWER	INLET MFLD PRES	INLET MFLD TEMP	EXH MFLD TEMP	EXH MFLD PRES	ENGINE OUTLET TEMP	COMPRESSOR OUTLET PRES	COMPRESSOR OUTLET TEMP
EKW	%	BHP	IN-HG	DEG F	DEG F	IN-HG	DEG F	IN-HG	DEG F
2,250.0	100	3,374	73.1	120.0	1,200.9	62.9	831.1	79	449.4
2,025.0	90	3,050	66.7	117.7	1,168.2	57.3	814.6	73	426.3
1,800.0	80	2,726	60.0	115.6	1,143.1	51.7	803.6	66	402.1
1,687.5	75	2,563	56.6	114.5	1,131.8	48.9	798.2	62	389.5
1,575.0	70	2,401	53.1	113.6	1,121.5	46.1	792.6	58	376.7
1,350.0	60	2,077	45.8	111.9	1,103.7	40.3	781.6	51	350.5
1,125.0	50	1,752	37.5	110.4	1,081.5	34.0	773.0	42	321.2
900.0	40	1,428	27.9	108.8	1,047.3	26.6	767.3	32	282.4
675.0	30	1,103	19.1	107.5	987.7	20.1	741.8	23	234.7
562.5	25	941	14.9	106.8	942.3	17.1	717.7	18	209.9
450.0	20	779	10.8	106.0	863.4	14.1	672.8	14	186.4
225.0	10	455	4.1	103.8	674.7	9.4	542.9	7	149.6

General Performance Data (Continued)

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GENSET POWER WITH FAN	PERCENT LOAD	ENGINE POWER	WET INLET AIR VOL FLOW RATE	ENGINE OUTLET WET EXH GAS VOL FLOW RATE	WET INLET AIR MASS FLOW RATE	WET EXH GAS MASS FLOW RATE	WET EXH VOL FLOW RATE (32 DEG F AND 29.98 IN HG)	DRY EXH VOL FLOW RATE (32 DEG F AND 29.98 IN HG)
EKW	%	BHP	CFM	CFM	LB/HR	LB/HR	FT3/MIN	FT3/MIN
2,250.0	100	3,374	6,858.2	17,407.1	30,365.3	31,494.0	6,630.5	6,037.5
2,025.0	90	3,050	6,489.6	16,154.5	28,654.3	29,680.3	6,233.1	5,692.3
1,800.0	80	2,726	6,087.8	15,004.0	26,862.9	27,791.8	5,839.4	5,345.3
1,687.5	75	2,563	5,872.3	14,427.7	25,926.6	26,809.3	5,639.6	5,167.8
1,575.0	70	2,401	5,647.2	13,834.3	24,963.3	25,801.3	5,431.5	4,981.7
1,350.0	60	2,077	5,158.9	12,527.3	22,833.7	23,578.6	4,962.2	4,559.4
1,125.0	50	1,752	4,572.7	11,023.3	20,251.8	20,897.8	4,396.8	4,044.9
900.0	40	1,428	3,860.7	9,269.3	17,111.4	17,649.6	3,714.5	3,419.8
675.0	30	1,103	3,239.5	7,617.3	14,362.7	14,794.6	3,117.1	2,877.2
562.5	25	941	2,947.8	6,779.0	13,070.3	13,446.6	2,830.8	2,618.8
450.0	20	779	2,658.3	5,843.7	11,787.4	12,106.6	2,537.2	2,356.0
225.0	10	455	2,196.2	4,258.9	9,730.2	9,935.9	2,088.6	1,962.8

Heat Rejection Data

GENSET POWER WITH FAN	PERCENT LOAD	ENGINE POWER	REJECTION TO JACKET WATER	REJECTION TO ATMOSPHERE	REJECTION TO EXH	EXHAUST RECOVERY TO 350F	FROM OIL COOLER	FROM AFTERCOOLER	WORK ENERGY	LOW HEAT VALUE ENERGY	HIGH HEAT VALUE ENERGY
EKW	%	BHP	BTU/MIN	BTU/MIN	BTU/MIN	BTU/MIN	BTU/MIN	BTU/MIN	BTU/MIN	BTU/MIN	BTU/MIN
2,250.0	100	3,374	44,961	8,695	131,476	63,993	18,438	40,758	143,102	346,181	368,770
2,025.0	90	3,050	42,398	8,278	120,387	58,091	16,816	35,879	129,344	315,723	336,324
1,800.0	80	2,726	39,796	7,978	110,538	53,009	15,259	31,108	115,585	286,488	305,182
1,687.5	75	2,563	38,475	7,859	105,617	50,468	14,481	28,765	108,706	271,872	289,612
1,575.0	70	2,401	37,140	7,759	100,698	47,928	13,702	26,451	101,827	257,256	274,043
1,350.0	60	2,077	34,339	7,618	90,867	42,630	12,145	22,036	88,068	228,026	242,905
1,125.0	50	1,752	31,319	7,440	80,442	36,985	10,536	17,258	74,310	197,807	210,714
900.0	40	1,428	27,975	7,134	68,114	30,787	8,786	11,958	60,551	164,955	175,718
675.0	30	1,103	24,301	6,592	55,504	24,155	7,025	7,409	46,792	131,892	140,498
562.5	25	941	22,280	6,232	48,971	20,544	6,140	5,467	39,913	115,281	122,803
450.0	20	779	19,891	5,781	40,969	16,154	5,174	3,811	33,033	97,146	103,485
225.0	10	455	15,117	4,928	26,069	7,803	3,359	1,778	19,275	63,071	67,186

Sound Data

EXHAUST:SOUND PRESSURE(OBCF) DISTANCE:1.5 METER

GENSET POWER WITH FAN	PERCENT LOAD	ENGINE POWER	OVERALL SOUND	63 HZ	125 HZ	250 HZ	500 HZ
EKW	%	BHP	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)
2,250.0	100	3,374	118.0	108.0	123.0	119.0	111.0
2,025.0	90	3,050	117.0	107.0	122.0	118.0	110.0
1,800.0	80	2,726	116.0	106.0	121.0	117.0	109.0
1,687.5	75	2,563	115.0	106.0	120.0	116.0	108.0
1,575.0	70	2,401	115.0	105.0	120.0	116.0	108.0
1,350.0	60	2,077	114.0	104.0	119.0	115.0	107.0
1,125.0	50	1,752	112.0	103.0	117.0	113.0	105.0
900.0	40	1,428	111.0	101.0	116.0	112.0	104.0
675.0	30	1,103	109.0	99.0	114.0	110.0	102.0
562.5	25	941	108.0	98.0	113.0	109.0	101.0
450.0	20	779	107.0	97.0	112.0	108.0	100.0
225.0	10	455	105.0	95.0	110.0	106.0	98.0

EXHAUST:SOUND PRESSURE(OBCF) DISTANCE:1.5 METER

GENSET POWER WITH FAN	PERCENT LOAD	ENGINE POWER	1000 HZ	2000 HZ	4000 HZ	8000 HZ

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EKW	%	BHP	dB(A)	dB(A)	dB(A)	dB(A)
2,250.0	100	3,374	110.0	111.0	111.0	109.0
2,025.0	90	3,050	109.0	110.0	110.0	108.0
1,800.0	80	2,726	107.0	109.0	109.0	107.0
1,687.5	75	2,563	107.0	108.0	108.0	106.0
1,575.0	70	2,401	106.0	108.0	107.0	105.0
1,350.0	60	2,077	105.0	106.0	106.0	104.0
1,125.0	50	1,752	104.0	105.0	105.0	103.0
900.0	40	1,428	102.0	104.0	103.0	101.0
675.0	30	1,103	101.0	102.0	102.0	100.0
562.5	25	941	100.0	101.0	101.0	99.0
450.0	20	779	99.0	100.0	100.0	98.0
225.0	10	455	96.0	98.0	97.0	96.0

EXHAUST:SOUND PRESSURE(OBCF) DISTANCE:7 METER

GENSET POWER WITH FAN	PERCENT LOAD	ENGINE POWER	OVERALL SOUND	63 HZ	125 HZ	250 HZ	500 HZ
EKW	%	BHP	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)
2,250.0	100	3,374	105.0	96.0	113.0	107.0	98.0
2,025.0	90	3,050	104.0	95.0	112.0	106.0	97.0
1,800.0	80	2,726	103.0	94.0	111.0	105.0	96.0
1,687.5	75	2,563	102.0	93.0	110.0	104.0	96.0
1,575.0	70	2,401	101.0	93.0	109.0	104.0	95.0
1,350.0	60	2,077	100.0	92.0	108.0	102.0	94.0
1,125.0	50	1,752	99.0	90.0	107.0	101.0	92.0
900.0	40	1,428	97.0	89.0	105.0	100.0	91.0
675.0	30	1,103	96.0	87.0	104.0	98.0	89.0
562.5	25	941	95.0	86.0	103.0	97.0	88.0
450.0	20	779	94.0	85.0	102.0	96.0	87.0
225.0	10	455	91.0	83.0	99.0	94.0	85.0

EXHAUST:SOUND PRESSURE(OBCF) DISTANCE:7 METER

GENSET POWER WITH FAN	PERCENT LOAD	ENGINE POWER	1000 HZ	2000 HZ	4000 HZ	8000 HZ
EKW	%	BHP	dB(A)	dB(A)	dB(A)	dB(A)
2,250.0	100	3,374	97.0	97.0	97.0	95.0
2,025.0	90	3,050	96.0	96.0	96.0	93.0
1,800.0	80	2,726	95.0	95.0	95.0	92.0
1,687.5	75	2,563	94.0	95.0	95.0	92.0
1,575.0	70	2,401	93.0	94.0	94.0	91.0
1,350.0	60	2,077	92.0	93.0	93.0	90.0
1,125.0	50	1,752	91.0	92.0	91.0	89.0
900.0	40	1,428	89.0	90.0	90.0	87.0
675.0	30	1,103	88.0	88.0	88.0	86.0
562.5	25	941	87.0	87.0	87.0	85.0
450.0	20	779	86.0	87.0	86.0	84.0
225.0	10	455	83.0	84.0	84.0	81.0

EXHAUST:SOUND PRESSURE(OBCF) DISTANCE:15 METER

GENSET POWER WITH FAN	PERCENT LOAD	ENGINE POWER	OVERALL SOUND	63 HZ	125 HZ	250 HZ	500 HZ
EKW	%	BHP	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)
2,250.0	100	3,374	98.0	89.0	106.0	100.0	92.0
2,025.0	90	3,050	97.0	88.0	105.0	99.0	91.0
1,800.0	80	2,726	96.0	87.0	104.0	98.0	90.0
1,687.5	75	2,563	95.0	87.0	103.0	98.0	89.0
1,575.0	70	2,401	95.0	86.0	103.0	97.0	88.0
1,350.0	60	2,077	94.0	85.0	102.0	96.0	87.0
1,125.0	50	1,752	92.0	84.0	100.0	94.0	86.0
900.0	40	1,428	91.0	82.0	99.0	93.0	84.0
675.0	30	1,103	89.0	80.0	97.0	91.0	83.0
562.5	25	941	88.0	80.0	96.0	90.0	82.0
450.0	20	779	87.0	79.0	95.0	89.0	81.0
225.0	10	455	85.0	76.0	93.0	87.0	78.0

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EXHAUST:SOUND PRESSURE(OBCF) DISTANCE:15 METER

GENSET POWER WITH FAN	PERCENT LOAD	ENGINE POWER	1000 HZ	2000 HZ	4000 HZ	8000 HZ
EKW	%	BHP	dB(A)	dB(A)	dB(A)	dB(A)
2,250.0	100	3,374	90.0	91.0	91.0	88.0
2,025.0	90	3,050	89.0	90.0	90.0	87.0
1,800.0	80	2,726	88.0	89.0	88.0	86.0
1,687.5	75	2,563	87.0	88.0	88.0	85.0
1,575.0	70	2,401	87.0	87.0	87.0	85.0
1,350.0	60	2,077	86.0	86.0	86.0	83.0
1,125.0	50	1,752	84.0	85.0	85.0	82.0
900.0	40	1,428	83.0	83.0	83.0	81.0
675.0	30	1,103	81.0	82.0	82.0	79.0
562.5	25	941	80.0	81.0	81.0	78.0
450.0	20	779	79.0	80.0	80.0	77.0
225.0	10	455	77.0	78.0	77.0	75.0

MECHANICAL:SOUND PRESSURE(OBCF) DISTANCE:1 METER

GENSET POWER WITH FAN	PERCENT LOAD	ENGINE POWER	OVERALL SOUND	63 HZ	125 HZ	250 HZ	500 HZ
EKW	%	BHP	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)
2,250.0	100	3,374	105.0	92.0	100.0	101.0	99.0
2,025.0	90	3,050	105.0	92.0	100.0	101.0	99.0
1,800.0	80	2,726	105.0	92.0	100.0	101.0	99.0
1,687.5	75	2,563	105.0	92.0	100.0	101.0	99.0
1,575.0	70	2,401	105.0	92.0	100.0	101.0	99.0
1,350.0	60	2,077	105.0	92.0	100.0	101.0	99.0
1,125.0	50	1,752	105.0	92.0	100.0	101.0	99.0
900.0	40	1,428	105.0	92.0	100.0	101.0	99.0
675.0	30	1,103	105.0	92.0	100.0	101.0	99.0
562.5	25	941	105.0	92.0	100.0	101.0	99.0
450.0	20	779	105.0	92.0	100.0	101.0	99.0
225.0	10	455	105.0	92.0	100.0	101.0	99.0

MECHANICAL:SOUND PRESSURE(OBCF) DISTANCE:1 METER

GENSET POWER WITH FAN	PERCENT LOAD	ENGINE POWER	1000 HZ	2000 HZ	4000 HZ	8000 HZ
EKW	%	BHP	dB(A)	dB(A)	dB(A)	dB(A)
2,250.0	100	3,374	100.0	101.0	99.0	103.0
2,025.0	90	3,050	100.0	101.0	99.0	103.0
1,800.0	80	2,726	100.0	101.0	99.0	103.0
1,687.5	75	2,563	100.0	101.0	99.0	103.0
1,575.0	70	2,401	100.0	101.0	99.0	103.0
1,350.0	60	2,077	100.0	101.0	99.0	103.0
1,125.0	50	1,752	100.0	101.0	99.0	103.0
900.0	40	1,428	100.0	101.0	99.0	103.0
675.0	30	1,103	100.0	101.0	99.0	103.0
562.5	25	941	100.0	101.0	99.0	103.0
450.0	20	779	100.0	101.0	99.0	103.0
225.0	10	455	100.0	101.0	99.0	103.0

MECHANICAL:SOUND PRESSURE(OBCF) DISTANCE:7 METER

GENSET POWER WITH FAN	PERCENT LOAD	ENGINE POWER	OVERALL SOUND	63 HZ	125 HZ	250 HZ	500 HZ
EKW	%	BHP	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)
2,250.0	100	3,374	94.0	81.0	88.0	89.0	87.0
2,025.0	90	3,050	94.0	81.0	88.0	89.0	87.0
1,800.0	80	2,726	94.0	81.0	88.0	89.0	87.0
1,687.5	75	2,563	94.0	81.0	88.0	89.0	87.0
1,575.0	70	2,401	94.0	81.0	88.0	89.0	87.0
1,350.0	60	2,077	94.0	81.0	88.0	89.0	87.0
1,125.0	50	1,752	94.0	81.0	88.0	89.0	87.0
900.0	40	1,428	94.0	81.0	88.0	89.0	87.0
675.0	30	1,103	94.0	81.0	88.0	89.0	87.0
562.5	25	941	94.0	81.0	88.0	89.0	87.0

450.0	20	779	94.0	81.0	88.0	89.0	87.0
225.0	10	455	94.0	81.0	88.0	89.0	87.0

MECHANICAL:SOUND PRESSURE(OBCF) DISTANCE:7 METER

GENSET POWER WITH FAN	PERCENT LOAD	ENGINE POWER	1000 HZ	2000 HZ	4000 HZ	8000 HZ
EKW	%	BHP	dB(A)	dB(A)	dB(A)	dB(A)
2,250.0	100	3,374	89.0	90.0	87.0	91.0
2,025.0	90	3,050	89.0	90.0	87.0	91.0
1,800.0	80	2,726	89.0	90.0	87.0	91.0
1,687.5	75	2,563	89.0	90.0	87.0	91.0
1,575.0	70	2,401	89.0	90.0	87.0	91.0
1,350.0	60	2,077	89.0	90.0	87.0	91.0
1,125.0	50	1,752	89.0	90.0	87.0	91.0
900.0	40	1,428	89.0	90.0	87.0	91.0
675.0	30	1,103	89.0	90.0	87.0	91.0
562.5	25	941	89.0	90.0	87.0	91.0
450.0	20	779	89.0	90.0	87.0	91.0
225.0	10	455	89.0	90.0	87.0	91.0

MECHANICAL:SOUND PRESSURE(OBCF) DISTANCE:15 METER

GENSET POWER WITH FAN	PERCENT LOAD	ENGINE POWER	OVERALL SOUND	63 HZ	125 HZ	250 HZ	500 HZ
EKW	%	BHP	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)
2,250.0	100	3,374	88.0	76.0	83.0	84.0	82.0
2,025.0	90	3,050	88.0	76.0	83.0	84.0	82.0
1,800.0	80	2,726	88.0	76.0	83.0	84.0	82.0
1,687.5	75	2,563	88.0	76.0	83.0	84.0	82.0
1,575.0	70	2,401	88.0	76.0	83.0	84.0	82.0
1,350.0	60	2,077	88.0	76.0	83.0	84.0	82.0
1,125.0	50	1,752	88.0	76.0	83.0	84.0	82.0
900.0	40	1,428	88.0	76.0	83.0	84.0	82.0
675.0	30	1,103	88.0	76.0	83.0	84.0	82.0
562.5	25	941	88.0	76.0	83.0	84.0	82.0
450.0	20	779	88.0	76.0	83.0	84.0	82.0
225.0	10	455	88.0	76.0	83.0	84.0	82.0

MECHANICAL:SOUND PRESSURE(OBCF) DISTANCE:15 METER

GENSET POWER WITH FAN	PERCENT LOAD	ENGINE POWER	1000 HZ	2000 HZ	4000 HZ	8000 HZ
EKW	%	BHP	dB(A)	dB(A)	dB(A)	dB(A)
2,250.0	100	3,374	83.0	84.0	82.0	86.0
2,025.0	90	3,050	83.0	84.0	82.0	86.0
1,800.0	80	2,726	83.0	84.0	82.0	86.0
1,687.5	75	2,563	83.0	84.0	82.0	86.0
1,575.0	70	2,401	83.0	84.0	82.0	86.0
1,350.0	60	2,077	83.0	84.0	82.0	86.0
1,125.0	50	1,752	83.0	84.0	82.0	86.0
900.0	40	1,428	83.0	84.0	82.0	86.0
675.0	30	1,103	83.0	84.0	82.0	86.0
562.5	25	941	83.0	84.0	82.0	86.0
450.0	20	779	83.0	84.0	82.0	86.0
225.0	10	455	83.0	84.0	82.0	86.0

Emissions Data

DIESEL

RATED SPEED NOMINAL DATA: 1800 RPM

GENSET POWER WITH	EKW	2,250.0	1,687.5	1,125.0	562.5	225.0

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FAN							
PERCENT LOAD		**%**	**100**	**75**	**50**	**25**	**10**
ENGINE POWER		**BHP**	**3,374**	**2,563**	**1,752**	**941**	**455**
TOTAL NOX (AS NO2)		G/HR	16,908	10,163	5,286	2,744	2,641
TOTAL CO		G/HR	1,114	674	628	861	1,201
TOTAL HC		G/HR	361	388	396	303	339
TOTAL CO2		KG/HR	1,614	1,257	902	517	278
PART MATTER		G/HR	100.9	89.2	98.5	97.9	96.6
TOTAL NOX (AS NO2)	(CORR 5% O2)	MG/NM3	2,253.1	1,706.2	1,248.8	1,114.3	1,971.4
TOTAL CO	(CORR 5% O2)	MG/NM3	153.8	118.7	153.7	368.3	948.1
TOTAL HC	(CORR 5% O2)	MG/NM3	43.4	60.0	84.2	112.2	233.9
PART MATTER	(CORR 5% O2)	MG/NM3	11.5	12.9	20.7	35.9	64.2
TOTAL NOX (AS NO2)	(CORR 15% O2)	MG/NM3	836.1	633.1	463.4	413.5	731.5
TOTAL CO	(CORR 15% O2)	MG/NM3	57.1	44.1	57.0	136.6	351.8
TOTAL HC	(CORR 15% O2)	MG/NM3	16.1	22.3	31.3	41.6	86.8
PART MATTER	(CORR 15% O2)	MG/NM3	4.3	4.8	7.7	13.3	23.8
TOTAL NOX (AS NO2)	(CORR 5% O2)	PPM	1,097	831	608	543	960
TOTAL CO	(CORR 5% O2)	PPM	123	95	123	295	759
TOTAL HC	(CORR 5% O2)	PPM	81	112	157	209	437
TOTAL NOX (AS NO2)	(CORR 15% O2)	PPM	407	308	226	201	356
TOTAL CO	(CORR 15% O2)	PPM	46	35	46	109	281
TOTAL HC	(CORR 15% O2)	PPM	30	42	58	78	162
TOTAL NOX (AS NO2)		G/HP-HR	5.06	4.00	3.04	2.94	5.86
TOTAL CO		G/HP-HR	0.33	0.27	0.36	0.92	2.67
TOTAL HC		G/HP-HR	0.11	0.15	0.23	0.32	0.75
PART MATTER		G/HP-HR	0.03	0.04	0.06	0.11	0.21
TOTAL NOX (AS NO2)		G/KW-HR	6.88	5.44	4.14	4.00	7.97
TOTAL CO		G/KW-HR	0.45	0.36	0.49	1.26	3.63
TOTAL HC		G/KW-HR	0.15	0.21	0.31	0.44	1.02
PART MATTER		G/KW-HR	0.04	0.05	0.08	0.14	0.29
TOTAL NOX (AS NO2)		LB/HR	37.28	22.40	11.65	6.05	5.82
TOTAL CO		LB/HR	2.46	1.49	1.39	1.90	2.65
TOTAL HC		LB/HR	0.80	0.85	0.87	0.67	0.75
TOTAL CO2		LB/HR	3,558	2,772	1,989	1,140	612
PART MATTER		LB/HR	0.22	0.20	0.22	0.22	0.21
OXYGEN IN EXH		%	9.7	10.6	11.4	12.4	14.7
DRY SMOKE OPACITY		%	1.2	1.5	2.1	2.7	3.7
BOSCH SMOKE NUMBER			0.78	0.81	0.87	0.98	1.11

RATED SPEED POTENTIAL SITE VARIATION: 1800 RPM

GENSET POWER WITH FAN		**EKW**	**2,250.0**	**1,687.5**	**1,125.0**	**562.5**	**225.0**
PERCENT LOAD		**%**	**100**	**75**	**50**	**25**	**10**
ENGINE POWER		**BHP**	**3,374**	**2,563**	**1,752**	**941**	**455**
TOTAL NOX (AS NO2)		G/HR	20,290	12,195	6,343	3,293	3,170
TOTAL CO		G/HR	2,006	1,214	1,131	1,550	2,162
TOTAL HC		G/HR	480	516	527	403	451
PART MATTER		G/HR	141.2	124.9	137.9	137.1	135.2
TOTAL NOX (AS NO2)	(CORR 5% O2)	MG/NM3	2,703.7	2,047.4	1,498.6	1,337.2	2,365.7
TOTAL CO	(CORR 5% O2)	MG/NM3	276.9	213.7	276.6	662.9	1,706.6
TOTAL HC	(CORR 5% O2)	MG/NM3	57.8	79.8	112.1	149.2	311.0
PART MATTER	(CORR 5% O2)	MG/NM3	16.1	18.1	28.9	50.3	89.8
TOTAL NOX (AS NO2)	(CORR 15% O2)	MG/NM3	1,003.3	759.7	556.1	496.2	877.8
TOTAL CO	(CORR 15% O2)	MG/NM3	102.7	79.3	102.7	246.0	633.3
TOTAL HC	(CORR 15% O2)	MG/NM3	21.4	29.6	41.6	55.4	115.4
PART MATTER	(CORR 15% O2)	MG/NM3	6.0	6.7	10.7	18.7	33.3
TOTAL NOX (AS NO2)	(CORR 5% O2)	PPM	1,317	997	730	651	1,152
TOTAL CO	(CORR 5% O2)	PPM	222	171	221	530	1,365
TOTAL HC	(CORR 5% O2)	PPM	108	149	209	278	581
TOTAL NOX (AS NO2)	(CORR 15% O2)	PPM	489	370	271	242	428
TOTAL CO	(CORR 15% O2)	PPM	82	63	82	197	507
TOTAL HC	(CORR 15% O2)	PPM	40	55	78	103	215
TOTAL NOX (AS NO2)		G/HP-HR	6.07	4.80	3.65	3.53	7.04
TOTAL CO		G/HP-HR	0.60	0.48	0.65	1.66	4.80
TOTAL HC		G/HP-HR	0.14	0.20	0.30	0.43	1.00
PART MATTER		G/HP-HR	0.04	0.05	0.08	0.15	0.30
TOTAL NOX (AS NO2)		G/KW-HR	8.25	6.53	4.97	4.80	9.57
TOTAL CO		G/KW-HR	0.82	0.65	0.89	2.26	6.53
TOTAL HC		G/KW-HR	0.20	0.28	0.41	0.59	1.36
PART MATTER		G/KW-HR	0.06	0.07	0.11	0.20	0.41
TOTAL NOX (AS NO2)		LB/HR	44.73	26.89	13.98	7.26	6.99
TOTAL CO		LB/HR	4.42	2.68	2.49	3.42	4.77
TOTAL HC		LB/HR	1.06	1.14	1.16	0.89	0.99

PART MATTER	LB/HR	0.31	0.28	0.30	0.30	0.30

Regulatory Information

EPA EMERGENCY STATIONARY		2011 - ----		
GASEOUS EMISSIONS DATA MEASUREMENTS PROVIDED TO THE EPA ARE CONSISTENT WITH THOSE DESCRIBED IN EPA 40 CFR PART 60 SUBPART IIII AND ISO 8178 FOR MEASURING HC, CO, PM, AND NOX. THE "MAX LIMITS" SHOWN BELOW ARE WEIGHTED CYCLE AVERAGES AND ARE IN COMPLIANCE WITH THE EMERGENCY STATIONARY REGULATIONS.				
Locality	**Agency**	**Regulation**	**Tier/Stage**	**Max Limits - G/BKW - HR**
U.S. (INCL CALIF)	EPA	STATIONARY	EMERGENCY STATIONARY	CO: 3.5 NOx + HC: 6.4 PM: 0.20

Altitude Derate Data

STANDARD

ALTITUDE CORRECTED POWER CAPABILITY (BHP)

AMBIENT OPERATING TEMP (F)	30	40	50	60	70	80	90	100	110	120	130	140	NORMAL
ALTITUDE (FT)													
0	3,379	3,379	3,379	3,379	3,379	3,379	3,379	3,379	3,379	3,379	3,379	3,244	3,379
1,000	3,379	3,379	3,379	3,379	3,379	3,379	3,379	3,379	3,379	3,356	3,299	3,176	3,379
2,000	3,379	3,379	3,379	3,379	3,379	3,379	3,379	3,351	3,292	3,236	3,176	2,872	3,379
3,000	3,373	3,373	3,373	3,373	3,373	3,350	3,289	3,230	3,173	3,119	2,872	2,500	3,373
4,000	3,258	3,258	3,258	3,258	3,258	3,228	3,169	3,113	3,058	2,906	2,534	2,061	3,258
5,000	3,147	3,147	3,147	3,147	3,147	3,110	3,053	2,999	2,940	2,568	2,061	1,690	3,147
6,000	3,040	3,040	3,040	3,040	3,040	2,995	2,941	2,888	2,568	2,095	1,690	1,419	3,040
7,000	2,937	2,937	2,937	2,937	2,937	2,884	2,831	2,602	2,129	1,723	1,453	1,250	2,937
8,000	2,838	2,838	2,838	2,838	2,828	2,776	2,534	2,163	1,723	1,453	1,250	1,115	2,838
9,000	2,743	2,743	2,743	2,743	2,669	2,433	2,095	1,757	1,487	1,284	1,115	1,014	2,743
10,000	2,651	2,651	2,651	2,568	2,298	1,960	1,723	1,487	1,284	1,149	1,014	912	2,651
11,000	2,563	2,563	2,433	2,129	1,825	1,622	1,453	1,284	1,149	1,047	946	879	2,500
12,000	2,478	2,298	1,994	1,723	1,554	1,385	1,284	1,149	1,047	946	879		2,163
13,000	2,163	1,858	1,622	1,453	1,318	1,216	1,149	1,047	946	879			1,858
14,000	1,757	1,554	1,385	1,284	1,183	1,115	1,014	946	879				1,622
15,000	1,487	1,352	1,216	1,149	1,081	1,014	946	879					1,419

Cross Reference

Test Spec	Setting	Engine Arrangement	Engineering Model	Engineering Model Version	Start Effective Serial Number	End Effective Serial Number
5958066	LL2883	6250804	PG243	-	LYM00001	

Supplementary Data

Type	Classification	Performance Number
SOUND	SOUND PRESSURE	DM8779

Performance Parameter Reference

Parameters Reference:DM9600-15

PERFORMANCE DEFINITIONS

PERFORMANCE DATA[EM6222]

PERFORMANCE DEFINITIONS DM9600
APPLICATION:
Engine performance tolerance values below are representative of a typical production engine tested in a calibrated dynamometer test cell at SAE J1995 standard reference conditions. Caterpillar maintains ISO9001:2000 certified quality management systems for engine test Facilities to assure accurate calibration of test equipment. Engine test data is corrected in accordance with SAE J1995. Additional reference material SAE J1228, J1349, ISO 8665, 3046-1:2002E, 3046-3:1989, 1585, 2534, 2288, and 9249 may apply in part or are similar to SAE J1995. Special engine rating request (SERR) test data shall be noted.
PERFORMANCE PARAMETER TOLERANCE FACTORS:
Power +/- 3%
Torque +/- 3%
Exhaust stack temperature +/- 8%
Inlet airflow +/- 5%
Intake manifold pressure-gage +/- 10%
Exhaust flow +/- 6%
Specific fuel consumption +/- 3%
Specific fuel consumption (C7-C18) +/- 4%
Fuel rate +/- 5%
Specific DEF consumption +/- 3%
DEF rate +/- 5%
Heat rejection +/- 5%
Heat rejection exhaust only +/- 10%
Heat rejection CEM only +/- 10%
Heat Rejection values based on using treated water.
Torque is included for truck and industrial applications, do not use for Gen Set or steady state applications.
On C7 - C18 engines, at speeds of 1100 RPM and under these values are provided for reference only, and may not meet the tolerance listed.
On 3500 and C175 engines, at speeds below Peak Torque these values are provided for reference only, and may not meet the tolerance listed.
These values do not apply to C280/3600. For these models, see the tolerances listed below.
C280/3600 HEAT REJECTION TOLERANCE FACTORS:
Heat rejection +/- 10%
Heat rejection to Atmosphere +/- 50%
Heat rejection to Lube Oil +/- 20%
Heat rejection to Aftercooler +/- 5%
TEST CELL TRANSDUCER TOLERANCE FACTORS:
Torque +/- 0.5%
Speed +/- 0.2%
Fuel flow +/- 1.0%
Temperature +/- 2.0 C degrees
Intake manifold pressure +/- 0.1 kPa
OBSERVED ENGINE PERFORMANCE IS CORRECTED TO SAE J1995 REFERENCE
AIR AND FUEL CONDITIONS.
REFERENCE ATMOSPHERIC INLET AIR
FOR 3500 ENGINES AND SMALLER
SAE J1228 AUG2002 for marine engines, and J1995 JAN2014 for other engines, reference atmospheric pressure is 100 KPA (29.61 in hg), and standard temperature is 25deg C (77 deg F) at 30% relative humidity at the stated aftercooler water temp, or inlet manifold temp.
FOR 3600 ENGINES
Engine rating obtained and presented in accordance with ISO 3046/1 and SAE J1995 JANJAN2014 reference atmospheric pressure is 100 KPA (29.61 in hg), and standard temperature is 25deg C (77 deg F) at 30% relative humidity and 150M altitude at the stated aftercooler water temperature.
MEASUREMENT LOCATION FOR INLET AIR TEMPERATURE
Location for air temperature measurement air cleaner inlet at stabilized operating conditions.
REFERENCE EXHAUST STACK DIAMETER
The Reference Exhaust Stack Diameter published with this dataset is only used for the calculation of Smoke Opacity values displayed in this dataset. This value does not necessarily represent the actual stack diameter of the engine due to the variety of exhaust stack adapter options available. Consult the price list, engine order or general dimension drawings for the actual stack diameter size ordered or options available.
REFERENCE FUEL
DIESEL
Reference fuel is #2 distillate diesel with a 35API gravity;
A lower heating value is 42,780 KJ/KG (18,390 BTU/LB) when used at 15 deg C (59 deg F), where the density is 850 G/Liter (7.0936 Lbs/Gal).
GAS
Reference natural gas fuel has a lower heating value of 33.74 KJ/L (905 BTU/CU Ft). Low BTU ratings are based on 18.64 KJ/L (500 BTU/CU FT) lower heating value gas. Propane ratings are based on 87.56 KJ/L (2350 BTU/CU Ft) lower heating value gas.
ENGINE POWER (NET) IS THE CORRECTED FLYWHEEL POWER

PERFORMANCE DATA[EM6222]

(GROSS) LESS
EXTERNAL AUXILIARY LOAD
Engine corrected gross output includes the power required to drive standard equipment; lube oil, scavenge lube oil, fuel transfer, common rail fuel, separate circuit aftercooler and jacket water pumps. Engine net power available for the external (flywheel) load is calculated by subtracting the sum of auxiliary load from the corrected gross flywheel out put power. Typical auxiliary loads are radiator cooling fans, hydraulic pumps, air compressors and battery charging alternators. For Tier 4 ratings additional Parasitic losses would also include Intake, and Exhaust Restrictions.
ALTITUDE CAPABILITY
Altitude capability is the maximum altitude above sea level at standard temperature and standard pressure at which the engine could develop full rated output power on the current performance data set.
Standard temperature values versus altitude could be seen on TM2001.
When viewing the altitude capability chart the ambient temperature is the inlet air temp at the compressor inlet.
Engines with ADEM MEUI and HEUI fuel systems operating at conditions above the defined altitude capability derate for atmospheric pressure and temperature conditions outside the values defined, see TM2001.
Mechanical governor controlled unit injector engines require a setting change for operation at conditions above the altitude defined on the engine performance sheet. See your Caterpillar technical representative for non standard ratings.
REGULATIONS AND PRODUCT COMPLIANCE
TMI Emissions information is presented at 'nominal' and 'Potential Site Variation' values for standard ratings. No tolerances are applied to the emissions data. These values are subject to change at any time. The controlling federal and local emission requirements need to be verified by your Caterpillar technical representative.
Customer's may have special emission site requirements that need to be verified by the Caterpillar Product Group engineer.
EMISSION CYCLE LIMITS:
Cycle emissions Max Limits apply to cycle-weighted averages only. Emissions at individual load points may exceed the cycle-weighted limit.
WET & DRY EXHAUST/EMISSIONS DESCRIPTION:
Wet - Total exhaust flow or concentration of total exhaust flow
Dry - Total exhaust flow minus water vapor or concentration of exhaust flow with water vapor excluded
EMISSIONS DEFINITIONS:
Emissions : DM1176
EMISSION CYCLE DEFINITIONS
1. For constant-speed marine engines for ship main propulsion, including,diesel-electric drive, test cycle E2 shall be applied, for controllable-pitch propeller sets
test cycle E2 shall be applied.
2. For propeller-law-operated main and propeller-law-operated auxiliary engines the test cycle E3 shall be applied.
3. For constant-speed auxiliary engines test cycle D2 shall be applied.
4. For variable-speed, variable-load auxiliary engines, not included above, test cycle C1 shall be applied.
HEAT REJECTION DEFINITIONS:
Diesel Circuit Type and HHV Balance : DM9500
HIGH DISPLACEMENT (HD) DEFINITIONS:
3500: EM1500
RATING DEFINITIONS:
Agriculture : TM6008
Fire Pump : TM6009
Generator Set : TM6035
Generator (Gas) : TM6041
Industrial Diesel : TM6010
Industrial (Gas) : TM6040
Irrigation : TM5749
Locomotive : TM6037
Marine Auxiliary : TM6036
Marine Prop (Except 3600) : TM5747
Marine Prop (3600 only) : TM5748
MSHA : TM6042
Oil Field (Petroleum) : TM6011
Off-Highway Truck : TM6039
On-Highway Truck : TM6038
SOUND DEFINITIONS:
Sound Power : DM8702
Sound Pressure : TM7080
Date Released : 03/12/24

Cummins QSK60-G19 DQKAN

Spec Sheet

2024_075

April 25th, 2024

To Whom It May Concern:

With regards to Cummins Power Systems (CPS) manufactured diesel generator set model **DQKAN** rated for 60 Hz operation and equipped with Cummins **QSK60 – G19** engine:

When tested under the following conditions:

Table 1	
Fuel Specification:	ASTM D975 No. 2-D S15 diesel fuel with 0.0015% sulfur content (by weight), and 42-48 cetane number.
Air Inlet Temperature:	77 °F
Fuel Inlet Temperature:	104 °F (at fuel pump inlet)
Barometric Pressure:	29.53 in. Hg
Humidity:	NOx measurement corrected to 75 grains H2O/lb. dry air

Based on engine emissions validation testing, the table below represents the nominal performance and exhaust emissions data for the generator set listed above:

Standby						
PERFORMANCE DATA	**10%**	**25%**	**50%**	**75%**	**90%**	**100%**
Electrical Power (kWe)	225	563	1125	1688	2025	2250
Engine Power (BHP at 1800 RPM/60Hz)	385	854	1637	2419	2889	3202
Fuel Consumption (US Gal/hr)	26	48	82	116	138	152
Exhaust Gas Flow (CFM)	4195	6436	10110	13438	15353	16444
Exhaust Gas Temperature (°F)	596	795	881	890	907	921
NOx (Oxides of Nitrogen)	5.54	3.54	3.84	4.11	4.51	5.07
NMHC (Nonmethane Hydrocarbons)	0.49	0.16	0.09	0.07	0.06	0.05
CO (Carbon Monoxide)	2.0	1.1	0.6	0.3	0.4	0.5
PM (Particulate Matter)	0.07	0.18	0.08	0.05	0.05	0.05
All emissions values above are cited as g/bhp-hr						

Steady-State emissions recorded per ISO8178-1 during operation at rated engine speed (+/-2%) and stated constant load (+/-2%) with engine temperatures, pressures and emission rates stabilized.

The NOx, HC, CO, and PM emission data tabulated here are representative of test data taken from a single engine under the test conditions shown above. Data for the other components are estimated. This data is subject to instrumentation and engine-to-engine variability. Field emissions test data is not guaranteed to these levels. Actual field test results may vary due to test ambient, site conditions, installation, fuel specification, test procedures, instrumentation and ambient correction factors. Engine operation with excessive air intake or exhaust restriction beyond published maximum limits, or with improper maintenance, may result in elevated emission levels.

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2024_075

Values provided in the table below are representative of "Potential Site Variation" for the Cyrus One DFW3 site in Allen, Texas. These values account for variances as indicated above without consideration of improper generator set maintenance.

Standby						
PERFORMANCE DATA	**10%**	**25%**	**50%**	**75%**	**90%**	**100%**
Electrical Power (kWe)	225	563	1125	1688	2025	2250
Engine Power (BHP at 1800 RPM/60Hz)	385	854	1637	2419	2889	3202
NOx (Oxides of Nitrogen)	6.91	4.41	4.79	5.13	5.62	6.32
NMHC (Nonmethane Hydrocarbons)	0.83	0.27	0.15	0.12	0.10	0.09
CO (Carbon Monoxide)	4.0	2.2	1.2	0.6	0.8	1.0
PM (Particulate Matter)	0.14	0.36	0.16	0.10	0.10	0.10
All emissions values above are cited as g/bhp-hr						
Potential Site variation values provided above are accounted for Engine, Ambient variation and measurement with no correction factors.						

The values in this letter are applicable for engines operating on ASTM D975 DF2 and paraffinic fuels conforming to EN15940, including Hydrotreated Vegetable Oil (HVO). Please consult Fluids for Cummins Engines bulletin # 3379001 for more information on the applicability of HVO.

The data and information provided in this letter is for informational purposes to assist customers in making purchasing decisions appropriate for their site-specific compliance needs. Owners/operators of compression ignition internal combustion engines are responsible for ensuring compliance with applicable local, state, and federal standards when CI engines are installed at the owner/operator site. The data and information contained herein regarding site variation values in particular should be considered as part of a site-specific compliance evaluation.

This letter does not supersede any of the commercial terms of sale, including, but not limited to, warranty coverage and compliance with law obligations. THE INFORMATION IN THIS LETTER IS PROVIDED "AS IS" AND WITH ALL FAULTS AND DEFECTS. CUMMINS DOES NOT WARRANT THE ACCURACY OF THE INFORMATION PROVIDED AND THIS LETTER SHOULD NOT BE SHARED WITH THIRD PARTIES WITHOUT CUMMINS PRIOR WRITTEN CONSENT. For further questions on this product or application, please contact the local Cummins Sales and Service representative.

Best Regards,



Rina Pineda Alvarado
Application Engineer – Strategic Accounts (Data Center)
Cummins Power Generation

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ATTACHMENT C
APPLICATION FORMS

OP-1 – Site Information Summary

Federal Operating Permit Program
Site Information Summary
Form OP-1 (Page 1)
Texas Commission on Environmental Quality

Please print or type all information. Direct any questions regarding this application form to the Air Permits Division at (512) 239-1250 or to the Texas Commission on Environmental Quality, Office of Air, Air-Permits Division (MC 163), P.O. Box 13087, Austin, Texas 78711-3087.

I.	**Company Identifying Information**
A.	Company Name: CyrusOne LLC
B.	Customer Reference Number (CN): **CN** 604843086
C.	Submittal Date *(mm/dd/yyyy)*: 06/03/2026
II.	**Site Information**
A.	Site Name: DFW10 DFW11 DFW17a DFW17b DFW17c
B.	Regulated Entity Reference Number (RN): **RN** 112240379
C.	Indicate affected state(s) required to review permit application: *(Check the appropriate box[es].)*
☐ AR ☐ CO ☐ KS ☐ LA ☐ NM ☐ OK ☒ N/A	
D.	Indicate all pollutants for which the site is a major source based on the site's potential to emit: *(Check the appropriate box[es].)*
☐ VOC ☑ NO_X ☐ SO_2 ☐ PM_{10} ☐ CO ☐ Pb ☐ HAPS	
Other:	
E.	Is the site a non-major source subject to the Federal Operating Permit Program? ☐ Yes ☒ No
F.	Is the site within a local program area jurisdiction? ☐ Yes ☒ No
G.	Will emissions averaging be used to comply with any Subpart of 40 CFR Part 63? ☐ Yes ☒ No
H.	Indicate the 40 CFR Part 63 Subpart(s) that will use emissions averaging:
III.	**Permit Type**
A.	Type of Permit Requested: *(Select only one response)*
☒ Site Operating Permit (SOP) ☐ Temporary Operating Permit (TOP) ☐ General Operating Permit (GOP)	

Federal Operating Permit Program
Site Information Summary
Form OP-1 (Page 2)
Texas Commission on Environmental Quality

IV.	**Initial Application Information** *(Complete for Initial Issuance Applications Only.)*	
A.	Is this submittal an abbreviated or a full application?	☐ Abbreviated ☒ Full
B.	If this is a full application, is the submittal a follow-up to an abbreviated application?	☐ Yes ☒ No
C.	If this is an abbreviated application, is this an early submittal for a combined SOP and Acid Rain permit?	☐ Yes ☐ No
D.	Has an electronic copy of this application been submitted (or is being submitted) to EPA? (Refer to the form instructions for additional information.)	☒ Yes ☐ No
E.	Has the required Public Involvement Plan been included with this application?	☒ Yes ☐ No
V.	**Confidential Information**	
A.	Is confidential information submitted in conjunction with this application?	☐ Yes ☒ No
VI.	**Responsible Official (RO) Identifying Information**	
RO Name Prefix: (☒ Mr. ☐ Mrs. ☐ Ms. ☐ Dr.)		
RO Full Name: Danny Cowser		
RO Title: Senior Vice President, Construction		
Employer Name: CyrusOne LLC		
Mailing Address: 2850 N Harwood Street, Suite 2200		
City: Dallas		
State: TX		
ZIP Code: 75201		
Territory:		
Country: USA		
Foreign Postal Code:		
Internal Mail Code:		
Telephone No.: 214-507-9557		
Fax No.:		
Email: dcowser@cyrusone.com		

Federal Operating Permit Program
Site Information Summary
Form OP-1 (Page 3)
Texas Commission on Environmental Quality

VII. Technical Contact Identifying Information *(Complete if different from RO.)*	
Technical Contact Name Prefix: (☒ Mr. ☐ Mrs. ☐ Ms. ☐ Dr.)	
Technical Contact Full Name: Jason Walters	
Technical Contact Title: Regional Operations Director	
Employer Name: CyrusOne LLC	
Mailing Address: 11003 Corporate Centre Drive	
City: Houston	
State: TX	
ZIP Code: 77041	
Territory:	
Country: USA	
Foreign Postal Code:	
Internal Mail Code:	
Telephone No.: 832-589-8063	
Fax No.:	
Email: jdwalters@cyrusone.com	
VIII. Reference Only Requirements *(For reference only.)*	
A. State Senator: Brian Birdwell	
B. State Representative: Angelia Orr	
C. Has the applicant paid emissions fees for the most recent agency fiscal year (Sept. 1 - August 31)?	☐ Yes ☐ No ☒ N/A
D. Is the site subject to bilingual notice requirements pursuant to 30 TAC § 122.322?	☒ Yes ☐ No
E. Indicate the alternate language(s) in which public notice is required: Spanish	

Federal Operating Permit Program
Site Information Summary
Form OP-1 (Page 4)
Texas Commission on Environmental Quality

IX.	**Off-Site Permit Request** *(Optional for applicants requesting to hold the FOP and records at an off-site location.)*
A.	Office/Facility Name:
B.	Physical Address:
City:	
State:	
ZIP Code:	
Territory:	
Country:	
Foreign Postal Code:	
C.	Physical Location:
D.	Contact Name Prefix: (☐ Mr. ☐ Mrs. ☐ Ms. ☐ Dr.)
Contact Full Name:	
E.	Telephone No.:
X.	**Application Area Information**
A.	Area Name: DFW10 DFW11 DFW17a DFW17b DFW17c
B.	Physical Address:
City:	
State:	
ZIP Code:	
C.	Physical Location:
Drive W on Highway TX-22 W to the intersection of TX-22 W and FM56 S. Make a left on FM56 S. After about	
0.6 miles, the site is located on the left.	
D.	Nearest City: Whitney
E.	State: TX
F.	ZIP Code: 76692

Federal Operating Permit Program
Site Information Summary
Form OP-1 (Page 5)
Texas Commission on Environmental Quality

X.	**Application Area Information** ***(continued)***	
G.	Latitude (nearest second): 31°51'05.4"N	
H.	Longitude (nearest second): 97°22'27.8"W	
I.	Are there any emission units that were not in compliance with the applicable requirements identified in the application at the time of application submittal?	☐ Yes ☒ No
J.	Indicate the estimated number of emission units in the application area:	228
K.	Are there any emission units in the application area subject to the Acid Rain Program?	☐ Yes ☒ No
L.	Affected Source Plant Code (or ORIS/Facility Code):	
XI.	**Public Notice** *(Complete this section for SOP Applications and Acid Rain Permit Applications only.)*	
A.	Name of a public place to view application and draft permit:	
B.	Physical Address:	
City:		
ZIP Code:		
C.	Contact Person (Someone who will answer questions from the public during the public notice period):	
Contact Name Prefix: (☐ Mr. ☒ Mrs. ☐ Ms. ☐ Dr.):		
Contact Person Full Name: Laura Cottrell		
Contact Mailing Address: 2850 N Harwood Street, Suite 2200		
City: Dallas		
State: TX		
ZIP Code: 75201		
Territory:		
Country: USA		
Foreign Postal Code:		
Internal Mail Code:		
Telephone No.: 603-793-0534		

Federal Operating Permit Program
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XII. Delinquent Fees and Penalties
Notice: This form will not be processed until all delinquent fees and/or penalties owed to TCEQ or the Office of Attorney General on behalf of TCEQ are paid in accordance with the "Delinquent Fee and Penalty Protocol."
Complete Sections XIII and XIV for Acid Rain Permit and CSAPR applications only. Please include a copy of the Certificate of Representation submitted to EPA.
XIII. Designated Representative (DR) Identifying Information
DR Name Prefix: (☐ Mr. ☐ Mrs. ☐ Ms. ☐ Dr.)
DR Full Name:
DR Title:
Employer Name:
Mailing Address:
City:
State:
ZIP Code:
Territory:
Country:
Foreign Postal Code:
Internal Mail Code:
Telephone No.:
Fax No.:
Email:

Federal Operating Permit Program
Site Information Summary
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Texas Commission on Environmental Quality

Complete Sections XIII and XIV for Acid Rain Permit and CSAPR applications only. Please include a copy of the Certificate of Representation submitted to EPA.
XIV. Alternate Designated Representative (ADR) Identifying Information
ADR Name Prefix: (☐ Mr. ☐ Mrs. ☐ Ms. ☐ Dr.)
ADR Full Name:
ADR Title:
Employer Name:
Mailing Address:
City:
State:
ZIP Code:
Territory:
Country:
Foreign Postal Code:
Internal Mail Code:
Telephone No.:
Fax No.:
Email:

PRINT FORM RESET FORM

OP-CRO1 – Certification by Responsible Official

Form OP-CRO1
Certification by Responsible Official
Federal Operating Permit Program
Texas Commission on Environmental Quality

All initial issuance, revision, renewal, and reopening permit application submittals requiring certification must be addressed using this form. Updates to site operating permit (SOP) and temporary operating permit (TOP) applications, other than public notice verification materials, must be certified prior to authorization of public notice or start of public announcement. Updates to general operating permit (GOP) applications must be certified prior to receiving an authorization to operate under a GOP.

I. Identifying Information	
RN: RN112240379	
CN: CN604843086	
Account No.:	
Permit No.: TBA	
Project No.: TBA	
Area Name: DFW10 DFW11 DFW17a DFW17b DFW17c	
Company Name: CyrusOne LLC	
II. Certification Type *(Please mark appropriate box)*	
☒ Responsible Official	☐ Duly Authorized Representative
III. Submittal Type *(Please mark appropriate box) (Only one response can be accepted per form)*	
☒ SOP/TOP Initial Permit Application	☐ Permit Revision, Renewal, or Reopening
☐ GOP Initial Permit Application	☐ Update to Permit Application
☐ Other: _____	

Form OP-CRO1
Certification by Responsible Official
Federal Operating Permit Program
Texas Commission on Environmental Quality

All initial issuance, revision, and renewal permit application submittals requiring certification must be accompanied by this form. Updates to acid rain or CSAPR (other than public notice verification materials) must be certified prior to authorization of public notice for the draft permit.

IV. Certification of Truth

This certification does not extend to information which is designated by TCEQ as information for reference only.

I, Danny Cowser certify that I am the Responsible Official (RO)

(Certifier Name printed or typed) *(RO or DAR)*

and that, based on information and belief formed after reasonable inquiry, the statements and information dated during the time period or on the specific date(s) below, are true, accurate, and complete:
Note: Enter Either a Time Period or Specific Date(s) for each certification. This section must be completed. The certification is not valid without documentation date(s).

Time Period: From June 1, 2026 to September 30, 2026

(Start Date) *(End Date)*

Specific Dates: _____ _____ _____ _____

(Date 1) *(Date 2)* *(Date 3)* *(Date 4)*

_____ _____

(Date 5) *(Date 6)*

Signature: _____ Signature Date: _____

Title: Senior Vice President, Construction

Form OP-CRO1
Certification by Responsible Official
Federal Operating Permit Program
Texas Commission on Environmental Quality

All initial issuance, revision, and renewal permit application submittals requiring certification must be accompanied by this form. Updates to acid rain or CSAPR (other than public notice verification materials) must be certified prior to authorization of public notice for the draft permit.

I. Identifying Information	
RN:	
CN:	
Account No.:	
Permit No.:	
Project No.:	
Area Name:	
Company Name:	
II. Certification Type *(Please mark appropriate box)*	
☐ Designated Representative	☐ Alternate Designated Representative
III. Requirement and Submittal Type *(Please mark the appropriate boxes for each row)*	
Requirement: ☐ Acid Rain Permit	☐ CSAPR
Submittal Type: ☐ Initial Permit Application	☐ Update to Permit Application
☐ Permit Revision or Renewal	☐ Other:

Form OP-CRO1
Certification by Responsible Official
Federal Operating Permit Program
Texas Commission on Environmental Quality

IV. Certification of Truth

I, _____ certify that I am the _____

(Certifier Name printed or typed) *(DR or ADR)*

am authorized to make this submission on behalf of the owners and operators of the source or units for which the submission is made. I certify under penalty of law that I have personally examined, and am familiar with, the statements and information submitted in this document and all its attachments. Based on my inquiry of those individuals with primary responsibility for obtaining the information, I certify that the statements are to the best of my knowledge and belief true, accurate, and complete. I am aware that there are significant penalties for submitting false statements and information or omitting required statements and information, including the possibility of fine or imprisonment. The above certification is for the statements and information dated during the time period or on the specific date(s) below:
Note: Enter Either a Time Period or Specific Date(s) for each certification. This section must be completed. The certification is not valid without documentation date(s).

Time Period: From_____to _____

(Start Date) *(End Date)*

Specific Dates: _____ _____ _____ _____

(Date 1) *(Date 2)* *(Date 3)* *(Date 4)*

_____ _____

(Date 5) *(Date 6)*

Signature: _____ Signature Date: _____

Title:_____

OP-DEL – Delegation of Responsible Official

Form OP-DEL
Delegation of Responsible Official Information
Federal Operating Permit Program
Texas Commission on Environmental Quality

I. Identifying Information
Account Number: TBD
Regulated Entity Number: RN 112240379
Customer Reference Number: CN 604843086
Permit Number: TBD
Area Name: DFW10 DFW11
Company Name: CyrusOne LLC
II. Duly Authorized Representative Information
Action Type: ☒ New DAR Identification ☐ Administrative Information Change
Conventional Title: ☐ Mr. ☐ Mrs. ☐ Ms. ☐ Dr.
Name (Driver License/STEERS): Robert Orms
Title: Senior Director of Operations, West
Delegation Effective Date: 6/1/26
Telephone Number: 512 677 1197
Fax Number:
Company Name: CyrusOne LLC
Mailing Address: 11003 Corporate Center Drive
City: Houston
State: TX
ZIP Code: 77041
Email Address: rorms@ramboll.com

Form OP-DEL
Delegation of Responsible Official Information
Federal Operating Permit Program
Texas Commission on Environmental Quality

III. Certification of Truth, Accuracy, and Completeness

I, Danny Cowser
(Name printed or typed: RO for New DAR Identification; RO or DAR for Administrative Information Change)

Certify that, based on information and belief formed after reasonable inquiry, the statements, and information stated above are true, accurate, and complete. (RO signature required for New DAR Identification only; DAR signature required for any Action Type)

Responsible Official Signature: _____

Date: _____

Duly Authorized Representative Signature: _____

(Name(s) printed or typed) Robert Orms

Date: _____

IV. Removal of Duly Authorized Representative(s)

The following should be removed as Duly Authorized Representative(s):

_____
(Name(s) printed or typed)

Effective Date: _____

Responsible Official Signature: _____

Date: _____

Form OP-DEL
Delegation of Responsible Official Information
Federal Operating Permit Program
(Extension)
Texas Commission on Environmental Quality

V. Additional Identifying Information
Account Number:
Regulated Entity Number: RN
Customer Reference Number: CN
Permit Number:
Area Name:
Account Number:
Regulated Entity Number: RN
Customer Reference Number: CN
Permit Number:
Area Name:
Account Number:
Regulated Entity Number: RN
Customer Reference Number: CN
Permit Number:
Area Name:
Account Number:
Responsible Official: RN
Customer Reference Number: CN
Permit Number:
Area Name:
Account Number:
Regulated Entity Number: RN
Customer Reference Number: CN
Permit Number:
Area Name:

OP-REQ1 – Application Area-Wide Applicability Determinations and General Information

Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1 (Page 1)
Federal Operating Permit Program
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
06/03/2026	TBA	RN112240379

For SOP applications, answer ALL questions unless otherwise directed.
♦ For GOP applications, answer ONLY these questions unless otherwise directed.

I.	**Title 30 TAC Chapter 111 - Control of Air Pollution from Visible Emissions and Particulate Matter**		
	A.	**Visible Emissions**	
♦	1.	The application area includes stationary vents constructed on or before January 31, 1972.	☐ Yes ☒ No
♦	2.	The application area includes stationary vents constructed after January 31, 1972. *If the responses to Questions I.A.1 and I.A.2 are both "No," go to Question I.A.6. If the response to Question I.A.1 is "No" and the response to Question I.A.2 is "Yes," go to Question I.A.4.*	☒ Yes ☐ No
♦	3.	The application area is opting to comply with the requirements for stationary vents constructed after January 31, 1972 for vents in the application area constructed on or before January 31, 1972.	☐ Yes ☐ No
♦	4.	All stationary vents are addressed on a unit specific basis.	☐ Yes ☒ No
♦	5.	Test Method 9 (40 CFR Part 60, Appendix A, Method 9 - Visual Determination of the Opacity of Emissions from Stationary Sources) is used to determine opacity of emissions in the application area.	☒ Yes ☐ No
♦	6.	The application area includes structures subject to 30 TAC § 111.111(a)(7)(A).	☐ Yes ☒ No
♦	7.	The application area includes sources, other than those specified in 30 TAC § 111.111(a)(1), (4), or (7), subject to 30 TAC § 111.111(a)(8)(A).	☐ Yes ☒ No
♦	8.	Emissions from units in the application area include contributions from uncombined water.	☐ Yes ☒ No
♦	9.	The application area is located in the City of El Paso, including Fort Bliss Military Reservation, and includes solid fuel heating devices subject to 30 TAC § 111.111(c).	☐ Yes ☒ No ☐ N/A

Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1 (Page 2)
Federal Operating Permit Program
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
06/03/2026	TBA	RN112240379

For SOP applications, answer ALL questions unless otherwise directed.
♦ For GOP applications, answer ONLY these questions unless otherwise directed.

I.	**Title 30 TAC Chapter 111 - Control of Air Pollution from Visible Emissions and Particulate Matter (continued)**			
	B.	**Materials Handling, Construction, Roads, Streets, Alleys, and Parking Lots**		
	1.	Items a - d determine applicability of any of these requirements based on geographical location.		
♦		a.	The application area is located within the city of El Paso.	☐ Yes ☒ No
♦		b.	The application area is located within the Fort Bliss Military Reservation, except areas specified in 30 TAC § 111.141.	☐ Yes ☒ No
♦		c.	The application area is located in the portion of Harris County inside the loop formed by Beltway 8.	☐ Yes ☒ No
♦		d.	The application area is located in the area of Nueces County outlined in Group II state implementation plan (SIP) for inhalable particulate matter adopted by the TCEQ on May 13, 1988.	☐ Yes ☒ No
		If there is any "Yes" response to Questions I.B.1.a - d, answer Questions I.B.2.a - d. If all responses to Questions I.B.1.a-d are "No," go to Section I.C.		
	2.	Items a - d determine the specific applicability of these requirements.		
♦		a.	The application area is subject to 30 TAC § 111.143.	☐ Yes ☐ No
♦		b.	The application area is subject to 30 TAC § 111.145.	☐ Yes ☐ No
♦		c.	The application area is subject to 30 TAC § 111.147.	☐ Yes ☐ No
♦		d.	The application area is subject to 30 TAC § 111.149.	☐ Yes ☐ No
	C.	**Emissions Limits on Nonagricultural Processes**		
♦	1.	The application area includes a nonagricultural process subject to 30 TAC § 111.151.		☒ Yes ☐ No
	2.	The application area includes a vent from a nonagricultural process that is subject to additional monitoring requirements. *If the response to Question I.C.2 is "No," go to Question I.C.4.*		☐ Yes ☒ No
	3.	All vents from nonagricultural process in the application area are subject to additional monitoring requirements.		☐ Yes ☐ No

Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1 (Page 3)
Federal Operating Permit Program
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
06/03/2026	TBA	RN112240379

For SOP applications, answer ALL questions unless otherwise directed.
♦ For GOP applications, answer ONLY these questions unless otherwise directed.

I.	**Title 30 TAC Chapter 111 - Control of Air Pollution from Visible Emissions and Particulate Matter (continued)**		
	C.	**Emissions Limits on Nonagricultural Processes (continued)**	
	4.	The application area includes oil or gas fuel-fired steam generators subject to 30 TAC §§ 111.153(a) and 111.153(c).	☐ Yes ☒ No
	5.	The application area includes oil or gas fuel-fired steam generators that are subject to additional monitoring requirements. *If the response to Question I.C.5 is "No," go to Question I.C.7.*	☐ Yes ☒ No
	6.	All oil or gas fuel-fired steam generators in the application area are subject to additional monitoring requirements.	☐ Yes ☐ No
	7.	The application area includes solid fossil fuel-fired steam generators subject to 30 TAC §§ 111.153(a) and 111.153(b).	☐ Yes ☒ No
	8.	The application area includes solid fossil fuel-fired steam generators that are subject to additional monitoring requirements. *If the response to Question I.C.8 is "No," go to Section I.D.*	☐ Yes ☒ No
	9.	All solid fossil fuel-fired steam generators in the application area are subject to additional monitoring requirements.	☐ Yes ☐ No
	D.	**Emissions Limits on Agricultural Processes**	
	1.	The application area includes agricultural processes subject to 30 TAC § 111.171.	☐ Yes ☒ No
	E.	**Outdoor Burning**	
♦	1.	Outdoor burning is conducted in the application area. *If the response to Question I.E.1 is "No," go to Section II.*	☐ Yes ☒ No
♦	2.	Fire training is conducted in the application area and subject to the exception provided in 30 TAC § 111.205.	☐ Yes ☐ No
♦	3.	Fires for recreation, ceremony, cooking, and warmth are used in the application area and subject to the exception provided in 30 TAC § 111.207.	☐ Yes ☐ No
♦	4.	Disposal fires are used in the application area and subject to the exception provided in 30 TAC § 111.209.	☐ Yes ☐ No

Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1 (Page 4)
Federal Operating Permit Program
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
06/03/2026	TBA	RN112240379

For SOP applications, answer ALL questions unless otherwise directed.
♦ For GOP applications, answer ONLY these questions unless otherwise directed.

I.	**Title 30 TAC Chapter 111 - Control of Air Pollution from Visible Emissions and Particulate Matter (continued)**		
	E.	**Outdoor Burning (continued)**	
♦	5.	Prescribed burning is used in the application area and subject to the exception provided in 30 TAC § 111.211.	☐ Yes ☐ No
♦	6.	Hydrocarbon burning is used in the application area and subject to the exception provided in 30 TAC § 111.213.	☐ Yes ☐ No
♦	7.	The application area has received the TCEQ Executive Director approval of otherwise prohibited outdoor burning according to 30 TAC § 111.215.	☐ Yes ☐ No
II.	**Title 30 TAC Chapter 112 - Control of Air Pollution from Sulfur Compounds**		
	A.	**Temporary Fuel Shortage Plan Requirements**	
	1.	The application area includes units that are potentially subject to the temporary fuel shortage plan requirements of 30 TAC §§ 112.15 - 112.18.	☐ Yes ☒ No
III.	**Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds**		
	A.	**Applicability**	
♦	1.	The application area is located in the Houston/Galveston/Brazoria area, Beaumont/Port Arthur area, Dallas/Fort Worth area, El Paso area, or a covered attainment county as defined by 30 TAC § 115.10. *See instructions for inclusive counties. If the response to Question III.A.1 is "No," go to Section IV.*	☒ Yes ☐ No
	B.	**Storage of Volatile Organic Compounds**	
♦	1.	The application area includes storage tanks, reservoirs, or other containers capable of maintaining working pressure sufficient at all times to prevent any VOC vapor or gas loss to the atmosphere.	☒ Yes ☐ No

Date	Permit No.	Regulated Entity No.
06/03/2026	TBA	RN112240379

For SOP applications, answer ALL questions unless otherwise directed.
♦ For GOP applications, answer ONLY these questions unless otherwise directed.

III.	**Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)**		
	C.	**Industrial Wastewater**	
	1.	The application area includes affected VOC wastewater streams of an affected source category, as defined in 30 TAC § 115.140. *If the response to Question III.C.1 is "No" or "N/A," go to Section III.D.*	☐ Yes ☒ No ☐ N/A
	2.	The application area is located at a petroleum refinery in the Beaumont/Port Arthur or Houston/Galveston/Brazoria area. *If the response to Question III.C.2 is "Yes" and the refinery is in the Beaumont/Port Arthur area, go to Section III.D.*	☐ Yes ☐ No
	3.	The application area is complying with the provisions of 40 CFR Part 63, Subpart G, as an alternative to complying with this division (relating to Industrial Wastewater). *If the response to Question III.C.3 is "Yes," go to Section III.D.*	☐ Yes ☐ No
	4.	The application area is located at a plant with an annual VOC loading in wastewater, as determined in accordance with 30 TAC § 115.148, less than or equal to 10 Mg (11.03 tons). *If the response to Question III.C.4 is "Yes," go to Section III.D.*	☐ Yes ☐ No
	5.	The application area includes wastewater drains, junction boxes, lift stations, or weirs that are subject to the control requirements of 30 TAC § 115.142(1).	☐ Yes ☐ No
	6.	The application area includes wastewater drains, junction boxes, lift stations, or weirs that handle streams chosen for exemption under 30 TAC § 115.147(2).	☐ Yes ☐ No
	7.	The application area includes wastewater drains, junction boxes, lift stations, or weirs that have an executive director approved exemption under 30 TAC § 115.147(4).	☐ Yes ☐ No
	D.	**Loading and Unloading of VOCs**	
♦	1.	The application area includes VOC loading operations.	☐ Yes ☒ No
♦	2.	The application area includes VOC transport vessel unloading operations. *For GOP applications, if the responses to Questions III.D.1 - D.2 are "No," go to Section III.E.*	☐ Yes ☒ No

Date	Permit No.	Regulated Entity No.
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For SOP applications, answer ALL questions unless otherwise directed.
♦ For GOP applications, answer ONLY these questions unless otherwise directed.

III.	**Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)**		
	D.	**Loading and Unloading of VOCs (continued)**	
♦	3.	Transfer operations at motor vehicle fuel dispensing facilities are the only VOC transfer operations conducted in the application area.	☐ Yes ☐ No
	E.	**Filling of Gasoline Storage Vessels (Stage I) for Motor Vehicle Fuel Dispensing Facilities**	
♦	1.	The application area includes one or more motor vehicle fuel dispensing facilities and gasoline is transferred from a tank-truck tank into a stationary storage container. *If the response to Question III.E.1 is "No," go to Section III.F.*	☐ YES ☒ No
♦	2.	Transfers to stationary storage containers used exclusively for the fueling of agricultural implements are the only transfer operations conducted at facilities in the application area.	☐ YES ☐ No
♦	3.	All transfers at facilities in the application area are made into stationary storage containers with internal floating roofs, external floating roofs, or their equivalent. *If the response to Question III.E.2 and/or E.3 is "Yes," go to Section III.F.*	☐ Yes ☐ No
♦	4.	The application area is located in a covered attainment county as defined in 30 TAC § 115.10. *If the response to Question III.E.4 is "No," go to Question III.E.9.*	☐ Yes ☐ No
♦	5.	Stationary gasoline storage containers with a nominal capacity less than or equal to 1,000 gallons are located at the facility.	☐ Yes ☐ No
♦	6.	Stationary gasoline storage containers with a nominal capacity greater than 1,000 gallons are located at the facility.	☐ Yes ☐ No
♦	7.	At facilities located in a covered attainment county other than Bastrop, Bexar, Caldwell, Comal, Guadalupe, Hays, Travis, Williamson, or Wilson County, transfers are made to stationary storage tanks greater than 1000 gallons located at a facility which has dispensed less than 100,000 gallons of gasoline in a calendar month after October 31, 2014. *If the response to Question III.E.7 is "Yes," go to Section III.F.*	☐ Yes ☐ No

Date	Permit No.	Regulated Entity No.
06/03/2026	TBA	RN112240379

For SOP applications, answer ALL questions unless otherwise directed.
♦ For GOP applications, answer ONLY these questions unless otherwise directed.

III.	**Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)**		
	E.	**Filling of Gasoline Storage Vessels (Stage I) for Motor Vehicle Fuel Dispensing Facilities (continued)**	
♦	8.	At facilities located in Bastrop, Bexar, Caldwell, Comal, Guadalupe, Hays, Travis, Williamson, or Wilson County, transfers are made to stationary storage tanks greater than 1000 gallons located at a facility which has dispensed no more than 25,000 gallons of gasoline in a calendar month after December 31, 2004. *If the response to Question III.E.8 is "Yes," go to Section III.F.*	☐ Yes ☐ No
♦	9.	Transfers are made to stationary storage tanks located at a motor vehicle fuel dispensing facility which has dispensed no more than 10,000 gallons of gasoline in any calendar month after January 1, 1991 and for which construction began prior to November 15, 1992.	☐ Yes ☐ No
♦	10.	Transfers are made to stationary storage tanks located at a motor vehicle fuel dispensing facility which has dispensed more than 10,000 gallons of gasoline in any calendar month after January 1, 1991 and for which construction began prior to November 15, 1992.	☐ Yes ☐ No
♦	11.	Transfers are made to stationary storage tanks located at a motor vehicle fuel dispensing facility which commenced construction on or after November 15, 1992.	☐ Yes ☐ No
♦	12.	At facilities located in Ellis, Johnson, Kaufman, Parker, or Rockwall County, transfers are made to stationary storage tanks located at a facility which has dispensed at least 10,000 gallons of gasoline but less than 125,000 gallons of gasoline in a calendar month after April 30, 2005.	☐ Yes ☐ No
	F.	**Control of VOC Leaks from Transport Vessels (Complete this section for GOP applications for GOPs 511, 512, 513 and 514 only)**	
♦	1.	Tank-truck tanks are filled with, or emptied of, gasoline at a facility that is subject to 30 TAC § 115.214(a)(1)(C) or 115.224(2) within the application area.	☐ Yes ☐ No ☐ N/A

Date	Permit No.	Regulated Entity No.
06/03/2026	TBA	RN112240379

For SOP applications, answer ALL questions unless otherwise directed.
♦ For GOP applications, answer ONLY these questions unless otherwise directed.

III.	**Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)**		
	F.	**Control of VOC Leaks from Transport Vessels (Complete this section for GOP applications for GOPs 511, 512, 513 and 514 only) (continued)**	
♦	2.	Tank-truck tanks are filled with non-gasoline VOCs having a TVP greater than or equal to 0.5 psia under actual storage conditions at a facility subject to 30 TAC § 115.214(a)(1)(C) within the application area.	☐ Yes ☐ No ☐ N/A
♦	3.	Tank-truck tanks are filled with, or emptied of, gasoline at a facility that is subject to 30 TAC § 115.214(b)(1)(C) or 115.224(2) within the application area.	☐ Yes ☐ No ☐ N/A
	G.	**Control of Vehicle Refueling Emissions (Stage II) at Motor Vehicle Fuel Dispensing Facilities**	
♦	1.	The application area includes one or more motor vehicle fuel dispensing facilities and gasoline is transferred from a stationary storage container into motor vehicle fuel tanks. *If the response to Question III.G.1 is "No" or "N/A," go to Section III.H.*	☐ Yes ☒ No ☐ N/A
♦	2.	The application area includes facilities that began construction on or after November 15, 1992 and prior to May 16, 2012.	☐ Yes ☐ No
♦	3.	The application area includes facilities that began construction prior to November 15, 1992. *If the responses to Questions III.G.2 and III.G.3 are both "No," go to Section III.H.*	☐ Yes ☐ No
♦	4.	The application area includes only facilities that have a monthly throughput of less than 10,000 gallons of gasoline.	☐ Yes ☐ No
♦	5.	The decommissioning of all Stage II vapor recovery control equipment located in the application area has been completed and the decommissioning notice submitted.	☐ Yes ☐ No ☐ N/A

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III.	**Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)**		
	H.	**Control of Reid Vapor Pressure (RVP) of Gasoline**	
♦	1.	The application area includes stationary tanks, reservoirs, or other containers holding gasoline that may ultimately be used in a motor vehicle in El Paso County. *If the response to Question III.H.1 is "No" or "N/A," go to Section III.I.*	☐ Yes ☐ No ☒ N/A
♦	2.	The application area includes stationary tanks, reservoirs, or other containers holding gasoline that will be used exclusively for the fueling of agricultural implements.	☐ Yes ☐ No
♦	3.	The application area includes a motor vehicle fuel dispensing facility.	☐ Yes ☐ No
♦	4.	The application area includes stationary tanks, reservoirs, or other containers holding gasoline and having a nominal capacity of 500 gallons or less.	☐ Yes ☐ No
	I.	**Process Unit Turnaround and Vacuum-Producing Systems in Petroleum Refineries**	
	1.	The application area is located at a petroleum refinery.	☐ Yes ☒ No
	J.	**Surface Coating Processes (Complete this section for GOP applications only.)**	
♦	1.	Surface coating operations (other than those performed on equipment located on-site and in-place) that meet the exemption specified in 30 TAC § 115.427(3)(A) or 115.427(7) are performed in the application area.	☐ Yes ☐ No ☐ N/A

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III.	**Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)**		
	K.	**Cutback Asphalt**	
	1.	Conventional cutback asphalt containing VOC solvents for the paving of roadways, driveways, or parking lots, is used or specified for use in the application area by a state, municipal, or county agency. *If the response to Question III.K.1 is "N/A," go to Section III.L.*	☐ Yes ☒ No ☐ N/A
	2.	The use, application, sale, or offering for sale of conventional cutback asphalt containing VOC solvents for the paving of roadways, driveways, or parking lots occurs in the application area.	☐ Yes ☐ No ☐ N/A
	3.	Asphalt emulsion is used or produced within the application area.	☐ Yes ☐ No
	4.	The application area is using an alternate control requirement as specified in 30 TAC § 115.513. *If the response to Question III.K.4 is "No," go to Section III.L.*	☐ Yes ☐ No
	5.	The application area uses, applies, sells, or offers for sale asphalt concrete, made with cutback asphalt, that meets the exemption specified in 30 TAC § 115.517(1).	☐ Yes ☐ No
	6.	The application area uses, applies, sells, or offers for sale cutback asphalt that is used solely as a penetrating prime coat.	☐ Yes ☐ No
	7.	The applicant using cutback asphalt is a state, municipal, or county agency.	☐ Yes ☐ No
	L.	**Degassing of Storage Tanks, Transport Vessels and Marine Vessels**	
♦	1.	The application area includes degassing operations for stationary, marine, and/or transport vessels. *If the response to Question III.L.1 is "No" or "N/A," go to Section III.M.*	☐ Yes ☒ No ☐ N/A
♦	2.	Degassing of only ocean-going, self-propelled VOC marine vessels is performed in the application area. *If the response to Question III.L.2 is "Yes," go to Section III.M.*	☐ Yes ☐ No ☐ N/A

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III.	**Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)**		
	L.	**Degassing of Storage Tanks, Transport Vessels and Marine Vessels (continued)**	
♦	3.	Degassing of stationary VOC storage vessels with a nominal storage capacity of 1,000,000 gallons or more and a vapor space partial pressure greater than or equal to 0.5 psia of VOC is performed in the application area.	☐ Yes ☐ No ☐ N/A
♦	4.	Degassing of stationary VOC storage vessels with a nominal storage capacity of 250,000 gallons or more, or a nominal storage capacity of 75,000 gallons and storing materials with a true vapor pressure greater than 2.6 psia, and a vapor space partial pressure greater than or equal to 0.5 psia of VOC is performed in the application area.	☐ Yes ☐ No ☐ N/A
♦	5.	Degassing of VOC transport vessels with a nominal storage capacity of 8,000 gallons or more and a vapor space partial pressure greater than or equal to 0.5 psia of VOC is performed in the application area.	☐ Yes ☐ No
♦	6.	Degassing of VOC marine vessels with a nominal storage capacity of 10,000 barrels (420,000 gallons) or more and a vapor space partial pressure greater than or equal to 0.5 psia of VOC is performed in the application area.	☐ Yes ☐ No ☐ N/A
♦	7.	Degassing of VOC marine vessels with a nominal storage capacity of 10,000 barrels (420,000 gallons) and a vapor space partial pressure ≥ 0.5 psia that have sustained damage as specified in 30 TAC § 115.547(5) is performed in the application area.	☐ Yes ☐ No ☐ N/A
	M.	**Petroleum Dry Cleaning Systems**	
	1.	The application area contains one or more petroleum dry cleaning facilities that use petroleum-based solvents.	☐ Yes ☒ No ☐ N/A

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III.	**Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)**		
	N.	**Vent Gas Control (Highly Reactive Volatile Organic Compounds (HRVOC)**	
	1.	The application area includes one or more vent gas streams containing HRVOC.	☐ Yes ☐ No ☒ N/A
	2.	The application area includes one or more flares that emit or have the potential to emit HRVOC. *If the responses to Questions III.N.1 and III.N.2 are both "No" or "N/A," go to Section III.O. If the response to Question III.N.1 is "Yes," continue with Question III.N.3.*	☐ Yes ☐ No ☒ N/A
	3.	All vent streams in the application area that are routed to a flare contain less than 5.0% HRVOC by weight at all times.	☐ Yes ☐ No
	4.	All vent streams in the application area that are not routed to a flare contain less than 100 ppmv HRVOC at all times. *If the responses to Questions III.N.3 and III.N.4 are both "Yes," go to Section III.O.*	☐ Yes ☐ No
	5.	The application area contains pressure relief valves that are not controlled by a flare.	☐ Yes ☐ No
	6.	The application area has at least one vent stream which has no potential to emit HRVOC.	☐ Yes ☐ No
	7.	The application area has vent streams from a source described in 30 TAC § 115.727(c)(3)(A) - (H).	☐ Yes ☐ No
	O.	**Cooling Tower Heat Exchange Systems (HRVOC)**	
	1.	The application area includes one or more cooling tower heat exchange systems that emit or have the potential to emit HRVOC.	☐ Yes ☐ No ☒ N/A

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IV.	**Title 30 TAC Chapter 117 - Control of Air Pollution from Nitrogen Compounds**		
	A.	**Applicability**	
♦	1.	The application area is located in the Houston/Galveston/Brazoria, Beaumont/Port Arthur, or Dallas/Fort Worth Eight-Hour area. *For SOP applications, if the response to Question IV.A.1 is "Yes," complete Sections IV.B - IV.F and IV.H.* *For GOP applications for GOPs 511, 512, 513, or 514, if the response to Question IV.A.1 is "Yes," go to Section IV.F.* *For GOP applications for GOP 517, if the response to Question IV.A.1 is "Yes," complete Sections IV.C and IV.F.* *For GOP applications, if the response to Question IV.A.1 is "No," go to Section VI.*	☐ Yes ☒ No
	2.	The application area is located in Bexar, Comal, Ellis, Hays, or McLennan County and includes a cement kiln. *If the response to Question IV.A.2 is "Yes," go to Question IV.H.1.*	☐ Yes ☒ No
	3.	The application area includes a utility electric generator in an east or central Texas county. *See instructions for a list of counties included.* *If the response to Question IV.A.3 is "Yes," go to Question IV.G.1.* *If the responses to Questions IV.A.1 - 3 are all "No," go to Question IV.H.1.*	☐ Yes ☒ No
	B.	**Utility Electric Generation in Ozone Nonattainment Areas**	
	1.	The application area includes units specified in 30 TAC §§ 117.1000, 117.1200, or 117.1300. *If the response to Question IV.B.1 is "No," go to Question IV.C.1.*	☐ Yes ☐ No
	2.	The application area is complying with a System Cap in 30 TAC §§ 117.1020 or 117.1220.	☐ Yes ☐ No

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IV.	**Title 30 TAC Chapter 117 - Control of Air Pollution from Nitrogen Compounds (continued)**		
	C.	**Commercial, Institutional, and Industrial Sources in Ozone Nonattainment Areas**	
♦	1.	The application area is located at a site subject to 30 TAC Chapter 117, Subchapter B and includes units specified in 30 TAC §§ 117.100, 117.300, or 117.400. *For SOP applications, if the response to Question IV.C.1 is "No," go to Question IV.D.1. For GOP applications for GOP 517, if the response to Question IV.C.1 is "No," go to Section IV.F.*	☐ Yes ☐ NO
♦	2.	The application area is located at a site that was a major source of NO_X before November 15, 1992.	☐ Yes ☐ No ☐ N/A
♦	3.	The application area includes an electric generating facility required to comply with the System Cap in 30 TAC § 117.320.	☐ Yes ☐ No
	D.	**Adipic Acid Manufacturing**	
	1.	The application area is located at, or part of, an adipic acid production unit.	☐ Yes ☐ No ☐ N/A
	E.	**Nitric Acid Manufacturing - Ozone Nonattainment Areas**	
	1.	The application area is located at, or part of, a nitric acid production unit.	☐ Yes ☐ No ☐ N/A
	F.	**Combustion Control at Minor Sources in Ozone Nonattainment Areas - Boilers, Process Heaters, Stationary Engines and Gas Turbines**	
♦	1.	The application area is located at a site that is a minor source of NO_X in the Houston/Galveston/Brazoria or Dallas/Fort Worth Eight-Hour areas (except for Wise County). *For SOP applications, if the response to Question IV.F.1 is "No," go to Question IV.G.1. For GOP applications, if the response to Question IV.F.1 is "No," go to Section VI.*	☐ Yes ☐ No
♦	2.	The application area is located in the Houston/Galveston/Brazoria area and has units that qualify for an exemption under 30 TAC § 117.2003(a).	☐ Yes ☐ No
♦	3.	The application area is located in the Houston/Galveston/Brazoria area and has units that qualify for an exemption under 30 TAC § 117.2003(b).	☐ Yes ☐ No

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IV.	**Title 30 TAC Chapter 117 - Control of Air Pollution from Nitrogen Compounds (continued)**		
	F.	**Combustion Control at Minor Sources in Ozone Nonattainment Areas - Boilers, Process Heaters, Stationary Engines and Gas Turbines (continued)**	
♦	4.	The application area is located in the Dallas/Fort Worth Eight-Hour area (except for Wise County) and has units that qualify for an exemption under 30 TAC § 117.2103.	☐ Yes ☐ No
♦	5.	The application area has units subject to the emission specifications under 30 TAC §§ 117.2010 or 30 TAC § 117.2110.	☐ Yes ☐ No
	6.	The application area has a unit that has been approved for alternative case specific specifications (ACSS) in 30 TAC § 117.2025 or 30 TAC § 117.2125. *If the response to Question IV.F.6 is "No," go to Section IV.G.*	☐ Yes ☐ No
	7.	An ACSS for carbon monoxide (CO) has been approved?	☐ Yes ☐ No
	8.	An ACSS for ammonia (NH_3) has been approved?	☐ Yes ☐ No
	9.	Provide the Permit Number(s) and authorization/issuance date(s) of the NSR project(s) that incorporates an ACSS below.	
	G.	**Utility Electric Generation in East and Central Texas**	
	1.	The application area includes utility electric power boilers and/or stationary gas turbines (including duct burners used in turbine exhaust ducts) that were placed into service before December 31, 1995. *If the response to Question IV.G.1 is "No," go to Question IV.H.1.*	☐ Yes ☐ No
	2.	The application area is complying with the System Cap in 30 TAC § 117.3020.	☐ Yes ☐ No
	H.	**Multi-Region Combustion Control - Water Heaters, Small Boilers, and Process Heaters**	
	1.	The application area includes a manufacturer, distributor, retailer or installer of natural gas fired water heaters, boilers or process heaters with a maximum rated capacity of 2.0 MMBtu/hr or less. *If the response to question IV.H.1 is "No," go to Section V.*	☐ Yes ☒ No
	2.	All water heaters, boilers or process heaters manufactured, distributed, retailed or installed qualify for an exemption under 30 TAC § 117.3203.	☐ Yes ☐ No

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V.	**Title 40 Code of Federal Regulations Part 59 (40 CFR Part 59) - National Volatile Organic Compound Emission Standards for Consumer and Commercial Products**	
A.	**Subpart B - National Volatile Organic Compound Emission Standards for Automobile Refinish Coatings**	
1.	The application area manufactures automobile refinish coatings or coating components and sells or distributes these coatings or coating components in the United States.	☐ Yes ☒ No
2.	The application area imports automobile refinish coatings or coating components, manufactured on or after January 11, 1999, and sells or distributes these coatings or coating components in the United States. *If the responses to Questions V.A.1 and V.A.2 are both "No," go to Section V.B.*	☐ Yes ☐ No
3.	All automobile refinish coatings or coating components manufactured or imported by the application area meet one or more of the exemptions specified in 40 CFR § 59.100(c)(1) - (6).	☐ Yes ☐ No
B.	**Subpart C - National Volatile Organic Compound Emission Standards for Consumer Products**	
1.	The application area manufactures consumer products for sale or distribution in the United States.	☐ Yes ☒ No
2.	The application area imports consumer products manufactured on or after December 10, 1998 and sells or distributes these consumer products in the United States.	☐ Yes ☒ No
3.	The application area is a distributor of consumer products whose name appears on the label of one or more of the products. *If the responses to Questions V.B.1 - V.B.3 are all "No," go to Section V.C.*	☐ Yes ☒ No
4.	All consumer products manufactured, imported, or distributed by the application area meet one or more of the exemptions specified in 40 CFR § 59.201(c)(1) - (7).	☐ Yes ☐ No

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V.	**Title 40 Code of Federal Regulations Part 59 (40 CFR Part 59) - National Volatile Organic Compound Emission Standards for Consumer and Commercial Products (continued)**		
	C.	**Subpart D - National Volatile Organic Compound Emission Standards for Architectural Coatings**	
	1.	The application area manufactures or imports architectural coatings for sale or distribution in the United States.	☐ Yes ☒ No
	2.	The application area manufactures or imports architectural coatings that are registered under the Federal Insecticide, Fungicide, and Rodenticide Act. *If the responses to Questions V.C.1-2 are both "No," go to Section V.D.*	☐ Yes ☒ No
	3.	All architectural coatings manufactured or imported by the application area meet one or more of the exemptions specified in 40 CFR §59.400(c)(1)-(5).	☐ Yes ☐ No
	D.	**Subpart E - National Volatile Organic Compound Emission Standards for Aerosol Coatings**	
	1.	The application area manufactures or imports aerosol coating products for sale or distribution in the United States.	☐ Yes ☒ No
	2.	The application area is a distributor of aerosol coatings for resale or distribution in the United States.	☐ Yes ☒ No
	E.	**Subpart F - Control of Evaporative Emissions from New and In-Use Portable Fuel Containers**	
	1.	The application area manufactures or imports portable fuel containers for sale or distribution in the United States. *If the response to Question V.E.1 is "No," go to Section VI.*	☐ Yes ☒ No
	2.	All portable fuel containers manufactured or imported by the application area meet one or more of the exemptions specified in 40 CFR § 59.605(a) - (c).	☐ Yes ☐ No
VI.	**Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards**		
	A.	**Applicability**	
♦	1.	The application area includes a unit(s) that is subject to one or more 40 CFR Part 60 subparts. *If the response to Question VI.A.1 is "No," go to Section VII.*	☒ Yes ☐ No

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VI.	**Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)**		
	B.	**Subpart Y - Standards of Performance for Coal Preparation and Processing Plants**	
	1.	The application area is located at a coal preparation and processing plant. *If the response to Question VI.B.1 is "No," go to Section VI.C.*	☐ Yes ☒ No
	2.	The coal preparation and processing plant has a design capacity greater than 200 tons per day (tpd). *If the response to Question VI.B.2 is "No," go to Section VI.C.*	☐ Yes ☐ No
	3.	The plant has an option to enforceably limit its operating level to less than 200 tpd and is choosing this option. *If the response to Question VI.B.3 is "Yes," go to Section VI.C.*	☐ Yes ☐ No
	4.	The plant contains an open storage pile, as defined in § 60.251, as an affected facility. *If the response to Question VI.B.4 is "No," go to Section VI.C.*	☐ Yes ☐ No
	5.	The open storage pile was constructed, reconstructed or modified after May 27, 2009.	☐ Yes ☐ No
	C.	**Subpart GG - Standards of Performance for Stationary Gas Turbines (GOP applicants only)**	
♦	1.	The application area includes one or more stationary gas turbines that have a heat input at peak load greater than or equal to 10 MMBtu/hr (10.7GJ/hr), based on the lower heating value of the fuel fired. *If the response to Question VI.C.1 is "No" or "N/A," go to Section VI.E.*	☐ Yes ☐ No ☐ N/A
♦	2.	One or more of the affected facilities were constructed, modified, or reconstructed after October 3, 1977 and prior to February 19, 2005. *If the response to Question VI.C.2 is "No," go to Section VI.E.*	☐ Yes ☐ No
♦	3.	One or more stationary gas turbines in the application area are using a previously approved alternative fuel monitoring schedule as specified in 40 CFR § 60.334(h)(4).	☐ Yes ☐ No
♦	4.	The exemption specified in 40 CFR § 60.332(e) is being utilized for one or more stationary gas turbines in the application area.	☐ Yes ☐ No

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VI.	**Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)**		
	C.	**Subpart GG - Standards of Performance for Stationary Gas Turbines (GOP applicants only) (continued)**	
♦	5.	One or more stationary gas turbines subject to 40 CFR Part 60, Subpart GG in the application area is injected with water or steam for the control of nitrogen oxides.	☐ Yes ☐ No
	D.	**Subpart XX - Standards of Performance for Bulk Gasoline Terminals**	
	1.	The application area includes bulk gasoline terminal loading racks. *If the response to Question VI.D.1 is "No," go to Section VI.E.*	☐ Yes ☒ No ☐ N/A
	2.	One or more of the loading racks were constructed or modified after December 17, 1980, and are not subject to 40 CFR Part 63, Subpart CC.	☐ Yes ☐ No
	E.	**Subpart LLL - Standards of Performance for Onshore Natural Gas Processing: Sulfur Dioxide (SO_2) Emissions**	
♦	1.	The application area includes affected facilities identified in 40 CFR § 60.640(a) that process natural gas (onshore). *For SOP applications, if the response to Question VI.E.1 is "No," go to Section VI.F. For GOP applications, if the response to Question VI.E.1 is or "N/A," go to Section VI.H.*	☐ Yes ☒ No
♦	2.	The affected facilities commenced construction or modification after January 20, 1984 and on or before August 23, 2011. *For SOP applications, if the response to Question VI.E.2 is "NO," go to Section VI.F. For GOP applications, if the response to Question VI.E.2 is "No," go to Section VI.H.*	☐ Yes ☐ No
♦	3.	The application area includes a gas sweetening unit with a design capacity greater than or equal to 2 long tons per day (LTPD) of hydrogen sulfide but operates at less than 2 LTPD. *For SOP applications, if the response to Question VI.E.3 is "No," go to Section VI.F. For GOP applications, if the response to Question VI.E.3 is "No," go to Section VI.H.*	☐ Yes ☐ No

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VI.	**Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)**		
	E.	**Subpart LLL - Standards of Performance for Onshore Natural Gas Processing: Sulfur Dioxide (SO_2) Emissions (continued)**	
♦	4.	Federally enforceable operating limits have been established in the preconstruction authorization limiting the gas sweetening unit to less than 2 LTPD. *For SOP applications, if the response to Question VI.E.4. is "No," go to Section VI.F. For GOP applications, if the response to Question VI.E.4. is "No," go to Section VI.H.*	☐ Yes ☐ No
♦	5.	Please provide the Unit ID(s) for the gas sweetening unit(s) that have established federally enforceable operating limits in the space provided below	
	F.	**Subpart OOO - Standards of Performance for Nonmetallic Mineral Processing Plants**	
	1.	The application area includes affected facilities identified in 40 CFR § 60.670(a)(1) that are located at a fixed or portable nonmetallic mineral processing plant. *If the response to Question VI.F.1 is "No," go to Section VI.G.*	☐ Yes ☒ No
	2.	Affected facilities identified in 40 CFR § 60.670(a)(1) and located in the application area are subject to 40 CFR Part 60, Subpart OOO.	☐ Yes ☐ No
	G.	**Subpart QQQ - Standards of Performance for VOC Emissions from Petroleum Refinery Wastewater Systems**	
	1.	The application area is located at a petroleum refinery and includes one or more of the affected facilities identified in 40 CFR § 60.690(a)(2) - (4) for which construction, modification, or reconstruction was commenced after May 4, 1987. *If the response to Question VI.G.1 is "No," go to Section VI.H.*	☐ Yes ☒ No
	2.	The application area includes storm water sewer systems.	☐ Yes ☐ No

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VI.	**Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)**		
	G.	**Subpart QQQ - Standards of Performance for VOC Emissions from Petroleum Refinery Wastewater Systems (continued)**	
	3.	The application area includes ancillary equipment which is physically separate from the wastewater system and does not come in contact with or store oily wastewater.	☐ Yes ☐ No
	4.	The application area includes non-contact cooling water systems.	☐ Yes ☐ No
	5.	The application area includes individual drain systems. *If the response to Question VI.G.5 is "No," go to Section VI.H.*	☐ Yes ☐ No
	6.	The application area includes one or more individual drain systems that meet the exemption specified in 40 CFR § 60.692-2(d).	☐ Yes ☐ No
	7.	The application area includes completely closed drain systems.	☐ Yes ☐ No
	H.	**Subpart AAAA - Standards of Performance for Small Municipal Waste Incineration Units for Which Construction Commenced After August 30, 1999 or for Which Modification or Reconstruction Commenced on or After June 6, 2004**	
♦	1.	The application area includes at least one small municipal waste incineration unit, other than an air curtain incinerator. *If the response to Question VI.H.1. is "N/A," go to Section VI.I. If the response to Question VI.H.1 is "No," go to Question VI.H.4.*	☐ Yes ☒ No ☐ N/A
♦	2.	The application area includes at least one small municipal waste incineration unit, other than an air curtain incinerator, constructed after August 30, 1999 or modified or reconstructed on or after June 6, 2006.	☐ Yes ☐ No
♦	3.	The application area includes at least one small municipal waste incineration unit, other than an air curtain incinerator, constructed before August 30, 1999 and not modified or reconstructed on or after June 6, 2006.	☐ Yes ☐ No
♦	4.	The application area includes at least one air curtain incinerator. *If the response to Question VI.H.4 is "No," go to Section VI.I.*	☐ Yes ☒ No

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VI.	**Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)**		
	H.	**Subpart AAAA - Standards of Performance for Small Municipal Waste Incineration Units for Which Construction Commenced After August 30, 1999 or for Which Modification or Reconstruction Commenced on or After June 6, 2004 (continued)**	
♦	5.	The application area includes at least one air curtain incinerator constructed after August 30, 1999 or modified or reconstructed on or after June 6, 2006. *If the response to Question VI.H.5 is "No," go to Question VI.H.7.*	☐ Yes ☐ No
♦	6.	All air curtain incinerators constructed after August 30, 1999 or modified or reconstructed on or after June 6, 2006 combust only yard waste.	☐ Yes ☐ No
♦	7.	The application area includes at least one air curtain incinerator constructed before August 30, 1999 and not modified or reconstructed on or after June 6, 2006.	☐ Yes ☐ No
♦	8.	All air curtain incinerators constructed before August 30, 1999 and not modified or reconstructed on or after June 6, 2006 combust only yard waste.	☐ Yes ☐ No
	I.	**Subpart CCCC - Standards of Performance for Commercial and Industrial Solid Waste Incineration Units for Which Construction Commenced After November 30, 1999 or for Which Modification or Reconstruction Commenced on or After June 1, 2001**	
♦	1.	The application area includes at least one commercial or industrial solid waste incineration unit, other than an air curtain incinerator. *If the response to Question VI.I.1 is "N/A," go to Section VI.J. If the response to Question VI.I.1 is "No," go to Question VI.I.4.*	☐ Yes ☒ No ☐ N/A
♦	2.	The application area includes at least one commercial or industrial solid waste incineration unit, other than an air curtain incinerator, constructed after November 30, 1999 or modified or reconstructed on or after June 1, 2001.	☐ Yes ☐ No

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♦ For GOP applications, answer ONLY these questions unless otherwise directed.

VI.	**Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)**		
	I.	**Subpart CCCC - Standards of Performance for Commercial and Industrial Solid Waste Incineration Units for Which Construction Commenced After November 30, 1999 or for Which Modification or Reconstruction Commenced on or After June 1, 2001 (continued)**	
♦	3.	The application area includes at least one commercial or industrial solid waste incineration unit, other than an air curtain incinerator, constructed before November 30, 1999 and not modified or reconstructed on or after June 1, 2001.	☐ Yes ☐ No
♦	4.	The application area includes at least one air curtain incinerator. *If the response to Question VI.I.4 is "No," go to Section VI.J.*	☐ Yes ☒ No
♦	5.	The application area includes at least one air curtain incinerator, constructed after November 30, 1999 or modified or reconstructed on or after June 1, 2001. *If the response to Question VI.I.5 is "No," go to VI.I.7.*	☐ Yes ☐ No
♦	6.	All air curtain incinerators constructed after November 30, 1999 or modified or reconstructed on or after June 1, 2001 combust only wood waste, clean lumber, or yard waste or a mixture of these materials.	☐ Yes ☐ No
♦	7.	The application area includes at least one air curtain incinerator, constructed before November 30, 1999 and not modified or reconstructed on or after June 1, 2001.	☐ Yes ☐ No
♦	8.	All air curtain incinerators constructed before November 30, 1999 and not modified or reconstructed on or after June 1, 2001 combust only wood waste, clean lumber, or yard waste or a mixture of these materials.	☐ Yes ☐ No

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VI.	**Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)**		
	J.	**Subpart EEEE - Standards of Performance for Other Solid Waste Incineration Units for Which Construction Commenced After December 9, 2004 or for Which Modification or Reconstruction Commenced on or After June 16, 2006**	
♦	1.	The application area includes at least one very small municipal waste incineration unit or institutional incineration unit, other than an air curtain incinerator. *If the response to Question VI.J.1 is "N/A," go to Section VI.K. If the response to Question VI.J.1 is "No," go to Question VI.J.4.*	☐ Yes ☒ No ☐ N/A
♦	2.	The application area includes at least one very small municipal waste incineration unit, other than an air curtain incinerator, constructed after December 9, 2004 or modified or reconstructed on or after June 16, 2006.	☐ Yes ☐ No
♦	3.	The application area includes at least one very small municipal waste incineration unit, other than an air curtain incinerator, constructed before December 9, 2004 and not modified or reconstructed on or after June 16, 2006.	☐ Yes ☐ No
♦	4.	The application area includes at least one air curtain incinerator. *If the response to Question VI.J.4 is "No," go to Section VI.K.*	☐ Yes ☒ No
♦	5.	The application area includes at least one air curtain incinerator constructed after December 9, 2004 or modified or reconstructed on or after June 16, 2006. *If the response to Question VI.J.5 is "No," go to Question VI.J.7.*	☐ Yes ☐ No
♦	6.	All air curtain incinerators constructed after December 9, 2004 or modified or reconstructed on or after June 16, 2006 combust only wood waste, clean lumber, or yard waste or a mixture of these materials.	☐ Yes ☐ No
♦	7.	The application area includes at least one air curtain incinerator constructed before December 9, 2004 and not modified or reconstructed on or after June 16, 2006.	☐ Yes ☐ No

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VI.	**Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (NSPS) (continued)**		
	J.	**Subpart EEEE - Standards of Performance for Other Solid Waste Incineration Units for Which Construction Commenced After December 9, 2004 or for Which Modification or Reconstruction Commenced on or After June 16, 2006 (continued)**	
♦	8.	All air curtain incinerators constructed before December 9, 2004 and not modified or reconstructed on or after June 16, 2006 combust only wood waste, clean lumber, or yard waste or a mixture of these materials.	☐ Yes ☐ No
♦	9.	The air curtain incinerator is located at an institutional facility and is a distinct operating unit of the institutional facility that generated the waste.	☐ Yes ☐ No
♦	10.	The air curtain incinerator burns less than 35 tons per day of wood waste, clean lumber, or yard waste or a mixture of these materials.	☐ Yes ☐ No
	K.	**Subpart OOOO - Standards of Performance for Crude Oil and Natural Gas Production, Transmission and Distribution**	
♦	1.	The application area includes one or more of the onshore affected facilities listed in 40 CFR § 60.5365(a)-(g) that are subject to 40 CFR Part 60, Subpart OOOO.	☐ Yes ☒ No
VII.	**Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants**		
	A.	**Applicability**	
♦	1.	The application area includes a unit(s) that is subject to one or more 40 CFR Part 61 subparts. *If the response to Question VII.A.1 is "No" or "N/A," go to Section VIII.*	☐ Yes ☒ No ☐ N/A
	B.	**Subpart F - National Emission Standard for Vinyl Chloride**	
	1.	The application area is located at a plant which produces ethylene dichloride by reaction of oxygen and hydrogen chloride with ethylene, vinyl chloride by any process, and/or one or more polymers containing any fraction of polymerized vinyl chloride.	☐ Yes ☐ No
	C.	**Subpart J - National Emission Standard for Benzene Emissions for Equipment Leaks (Fugitive Emission Sources) of Benzene (Complete this section for GOP applications only)**	
♦	1.	The application area includes equipment in benzene service.	☐ Yes ☐ No ☐ N/A

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VII.	**Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)**		
	D.	**Subpart L - National Emission Standard for Benzene Emissions from Coke By-Product Recovery Plants**	
	1.	The application area is located at a coke by-product recovery plant and includes one or more of the affected sources identified in 40 CFR § 61.130(a) - (b). *If the response to Question VII.D.1 is "No," go to Section VII.E.*	☐ Yes ☐ No
	2.	The application area includes equipment in benzene service as determined by 40 CFR § 61.137(b).	☐ Yes ☐ No
	3.	The application area has elected to comply with the provisions of 40 CFR § 61.243-1 and 40 CFR § 61.243-2.	☐ Yes ☐ No
	E.	**Subpart M - National Emission Standard for Asbestos**	
		Applicability	
	1.	The application area includes sources, operations, or activities specified in 40 CFR §§ 61.143, 61.144, 61.146, 61.147, 61.148, or 61.155. *If the response to Question VII.E.1 is "No," go to Section VII.F.*	☐ Yes ☐ No
		Roadway Construction	
	2.	The application area includes roadways constructed or maintained with asbestos tailings or asbestos-containing waste material.	☐ Yes ☐ No
		Manufacturing Commercial Asbestos	
	3.	The application area includes a manufacturing operation using commercial asbestos. *If the response to Question VII.E.3 is "No," go to Question VII.E.4.*	☐ Yes ☐ No
		a. Visible emissions are discharged to outside air from the manufacturing operation	☐ Yes ☐ No
		b. An alternative emission control and waste treatment method is being used that has received prior U.S. Environmental Protection Agency (EPA) approval.	☐ Yes ☐ No

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VII.	**Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)**		
	E.	**Subpart M - National Emission Standard for Asbestos (continued)**	
		***Manufacturing Commercial Asbestos* (continued)**	
	c.	Asbestos-containing waste material is processed into non-friable forms.	☐ Yes ☐ No
	d.	Asbestos-containing waste material is adequately wetted.	☐ Yes ☐ No
	e.	Alternative filtering equipment is being used that has received EPA approval.	☐ Yes ☐ No
	f.	A high efficiency particulate air (HEPA) filter is being used that is certified to be at least 99.97% efficient for 0.3-micron particles	☐ Yes ☐ No
	g.	The EPA has authorized the use of wet collectors designed to operate with a unit contacting energy of at least 9.95 kilopascals.	☐ Yes ☐ No
		Asbestos Spray Application	
4.		The application area includes operations in which asbestos-containing materials are spray applied. *If the response to Question VII.E.4 is "No," go to Question VII.E.5.*	☐ Yes ☐ No
	a.	Asbestos fibers are encapsulated with a bituminous or resinous binder during spraying and are not friable after drying. *If the response to Question VII.E.4.a is "Yes," go to Question VII.E.5.*	☐ Yes ☐ No
	b.	Spray-on applications on buildings, structures, pipes, and conduits do not use material containing more than 1% asbestos.	☐ Yes ☐ No
	c.	An alternative emission control and waste treatment method is being used that has received prior EPA approval.	☐ Yes ☐ No

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VII.	**Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)**		
	E.	**Subpart M - National Emission Standard for Asbestos (continued)**	
		Asbestos Spray Application **(continued)**	
	d.	Asbestos-containing waste material is processed into non-friable forms.	☐ Yes ☐ No
	e.	Asbestos-containing waste material is adequately wetted.	☐ Yes ☐ No
	f.	Alternative filtering equipment is being used that has received EPA approval.	☐ Yes ☐ No
	g.	A HEPA filter is being used that is certified to be at least 99.97% efficient for 0.3-micron particles.	☐ Yes ☐ No
	h.	The EPA has authorized the use of wet collectors designed to operate with a unit contacting energy of at least 9.95 kilopascals.	☐ Yes ☐ No
		Fabricating Commercial Asbestos	
5.		The application area includes a fabricating operation using commercial asbestos. *If the response to Question VII.E.5 is "No," go to Question VII.E.6.*	☐ Yes ☐ No
	a.	Visible emissions are discharged to outside air from the manufacturing operation.	☐ Yes ☐ No
	b.	An alternative emission control and waste treatment method is being used that has received prior EPA approval.	☐ Yes ☐ No
	c.	Asbestos-containing waste material is processed into non-friable forms.	☐ Yes ☐ No
	d.	Asbestos-containing waste material is adequately wetted.	☐ Yes ☐ No
	e.	Alternative filtering equipment is being used that has received EPA approval.	☐ Yes ☐ No

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VII.	**Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)**		
	E.	**Subpart M - National Emission Standard for Asbestos (continued)**	
		***Fabricating Commercial Asbestos* (continued)**	
		f. A HEPA filter is being used that is certified to be at least 99.97% efficient for 0.3-micron particles.	☐ Yes ☐ No
		g. The EPA has authorized the use of wet collectors designed to operate with a unit contacting energy of at least 9.95 kilopascals.	☐ Yes ☐ No
		Non-sprayed Asbestos Insulation	
	6.	The application area includes insulating materials (other than spray applied insulating materials) that are either molded and friable or wet-applied and friable after drying.	☐ Yes ☐ No
		Asbestos Conversion	
	7.	The application area includes operations that convert regulated asbestos-containing material and asbestos-containing waste material into nonasbestos (asbestos-free) material.	☐ Yes ☐ No
	F.	**Subpart P - National Emission Standard for Inorganic Arsenic Emissions from Arsenic Trioxide and Metallic Arsenic Production Facilities**	
	1.	The application area is located at a metallic arsenic production plant or at an arsenic trioxide plant that processes low-grade arsenic bearing materials by a roasting condensation process.	☐ Yes ☐ No
	G.	**Subpart BB - National Emission Standard for Benzene Emissions from Benzene Transfer Operations**	
	1.	The application area is located at a benzene production facility and/or bulk terminal. *If the response to Question VII.G.1 is "No," go to Section VII.H.*	☐ Yes ☐ No
	2.	The application area includes benzene transfer operations at marine vessel loading racks.	☐ Yes ☐ No

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VII.	**Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)**	
G.	**Subpart BB - National Emission Standard for Benzene Emissions from Benzene Transfer Operations (continued)**	
3.	The application area includes benzene transfer operations at railcar loading racks.	☐ Yes ☐ No
4.	The application area includes benzene transfer operations at tank-truck loading racks.	☐ Yes ☐ No
H.	**Subpart FF - National Emission Standard for Benzene Waste Operations**	
	Applicability	
1.	The application area includes a chemical manufacturing plant, coke by-product recovery plant, or petroleum refinery facility as defined in § 61.341.	☐ Yes ☐ No
2.	The application area is located at a hazardous waste treatment, storage, and disposal (TSD) facility site as described in 40 CFR § 61.340(b). *If the responses to Questions VII.H.1 and VII.H.2 are both "No," go to Section VIII.*	☐ Yes ☐ No
3.	The application area is located at a site that has no benzene onsite in wastes, products, byproducts, or intermediates. *If the response to Question VII.H.3 is "Yes," go to Section VIII.*	☐ Yes ☐ No
4.	The application area is located at a site having a total annual benzene quantity from facility waste less than 1 megagram per year (Mg/yr). *If the response to Question VII.H.4 is "Yes," go to Section VIII*	☐ Yes ☐ No
5.	The application area is located at a site having a total annual benzene quantity from facility waste greater than or equal to 1 Mg/yr but less than 10 Mg/yr. *If the response to Question VII.H.5 is "Yes," go to Section VIII.*	☐ Yes ☐ No

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VII.	**Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)**	
	H. Subpart FF - National Emission Standard for Benzene Waste Operations (continued)	
	***Applicability* (continued)**	
6.	The flow-weighted annual average benzene concentration of each waste stream at the site is based on documentation.	☐ Yes ☐ No
7.	The application area has waste streams with flow-weighted annual average water content of 10% or greater.	☐ Yes ☐ No
	Waste Stream Exemptions	
8.	The application area has waste streams that meet the exemption specified in 40 CFR § 61.342(c)(2) (the flow-weighted annual average benzene concentration is less than 10 ppmw).	☐ Yes ☐ No
9.	The application area has waste streams that meet the exemption specified in 40 CFR § 61.342(c)(3) because process wastewater has a flow rate less than 0.02 liters per minute or an annual wastewater quantity less than 10 Mg/yr.	☐ Yes ☐ No
10.	The application area has waste streams that meet the exemption specified in 40 CFR § 61.342(c)(3) because the total annual benzene quantity is less than or equal to 2 Mg/yr.	☐ Yes ☐ No
11.	The application area transfers waste off-site for treatment by another facility.	☐ Yes ☐ No
12.	The application area is complying with 40 CFR § 61.342(d).	☐ Yes ☐ No
13.	The application area is complying with 40 CFR § 61.342(e). *If the response to Question VII.H.13 is "No," go to Question VII.H.15.*	☐ Yes ☐ No
14.	The application area has facility waste with a flow weighted annual average water content of less than 10%.	☐ Yes ☐ No

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VII.	**Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)**	
H.	**Subpart FF - National Emission Standard for Benzene Waste Operations (continued)**	
	Container Requirements	
15.	The application area has containers, as defined in 40 CFR § 61.341, that receive non-exempt benzene waste. *If the response to Question VII.H.15 is "No," go to Question VII.H.18.*	☐ Yes ☐ No
16.	The application area is an alternate means of compliance to meet the 40 CFR § 61.345 requirements for containers. *If the response to Question VII.H.16 is "Yes," go to Question VII.H.18.*	☐ Yes ☐ No
17.	Covers and closed-vent systems used for containers operate such that the container is maintained at a pressure less than atmospheric pressure.	☐ Yes ☐ No
	Individual Drain Systems	
18.	The application area has individual drain systems, as defined in 40 CFR § 61.341, that receive or manage non-exempt benzene waste. *If the response to Question VII.H.18 is "No," go to Question VII.H.25.*	☐ Yes ☐ No
19.	The application area is using an alternate means of compliance to meet the 40 CFR § 61.346 requirements for individual drain systems. *If the response to Question VII.H.19 is "Yes," go to Question VII.H.25.*	☐ Yes ☐ No
20.	The application area has individual drain systems complying with 40 CFR § 61.346(a). *If the response to Question VII.H.20 is "No," go to Question VII.H.22.*	☐ Yes ☐ No
21.	Covers and closed-vent systems used for individual drain systems operate such that the individual drain system is maintained at a pressure less than atmospheric pressure.	☐ Yes ☐ No

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VII.	**Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)**		
	H.	**Subpart FF - National Emission Standard for Benzene Waste Operations (continued)**	
		***Individual Drain Systems* (continued)**	
	22.	The application area has individual drain systems complying with 40 CFR § 61.346(b). *If the response to Question VII.H.22 is "No," go to Question VII.H.25.*	☐ Yes ☐ No
	23.	Junction boxes in the individual drain systems are equipped with a system to prevent the flow of organic vapors from the junction box vent pipe to the atmosphere during normal operation.	☐ Yes ☐ No
	24.	Junction box vent pipes in the individual drain systems are connected to a closed-vent system and control device.	☐ Yes ☐ No
		Remediation Activities	
	25.	Remediation activities take place at the application area subject to 40 CFR Part 61, Subpart FF.	☐ Yes ☐ No
VIII.	**Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories**		
	A.	**Applicability**	
♦	1.	The application area includes a unit(s) that is subject to one or more 40 CFR Part 63 subparts other than subparts made applicable by reference under subparts in 40 CFR Part 60, 61 or 63. *See instructions for 40 CFR Part 63 subparts made applicable only by reference.*	☒ Yes ☐ No
	B.	**Subpart F - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry**	
	1.	The application area is located at a plant site that is a major source as defined in the Federal Clean Air Act § 112(a). *If the response to Question VIII.B.1 is "No," go to Section VIII.D.*	☐ Yes ☒ No

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VIII.	**Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)**	
B.	**Subpart F - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry (continued)**	
2.	The application area is located at a site that includes at least one chemical manufacturing process unit, as defined in 40 CFR § 63.101, that manufactures as a primary product one or more of the chemicals listed in 40 CFR § 63.100(b)(1)(i) or (b)(1)(ii). *If the response to Question VIII.B.2 is "No," go to Section VIII.D.*	☐ Yes ☒ No
3.	The application area is located at a site that includes at least one chemical manufacturing process unit, as defined in 40 CFR § 63.101, that manufactures as a primary product one or more of the chemicals listed in 40 CFR § 63.100(b)(1)(i) or (b)(1)(ii) and uses as a reactant or manufactures as a product, or co-product, one or more of the organic hazardous air pollutants listed in table 2 of 40 CFR Part 63, Subpart F.	☐ Yes ☐ No
4.	The application area includes a chemical manufacturing process unit, as defined in 40 CFR § 63.101, that manufactures as a primary product one or more of the chemicals listed in 40 CFR § 63.100(b)(1)(i) or (b)(1)(ii) and uses as a reactant or manufactures as a product, or co-product, one or more of the organic hazardous air pollutants listed in table 2 of 40 CFR Part 63, Subpart F.	☐ Yes ☐ No
5.	The application area includes a chemical manufacturing process unit, as defined in 40 CFR § 63.101, that manufactures as a primary product one or more of the chemicals listed in 40 CFR § 63.100(b)(1)(i) or (b)(1)(ii) and does not use as a reactant or manufacture as a product, or co-product, one or more of the organic hazardous air pollutants listed in table 2 of 40 CFR Part 63, Subpart F. *If the response to Questions VIII.B.3, B.4 and B.5 are all "No," go to Section VIII.D.*	☐ Yes ☐ No

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VIII.	**Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)**	
C.	**Subpart G - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operations, and Wastewater**	
	Applicability	
1.	The application area is located at a site that is subject to 40 CFR 63, Subpart F and the application area includes process vents, storage vessels, transfer racks, or waste streams associated with a chemical manufacturing process subject to 40 CFR 63, Subpart F. *If the response to Question VIII.C.1 is "No," go to Section VIII.D.*	☐ Yes ☐ No
2.	The application area includes fixed roofs, covers, and/or enclosures that are required to comply with 40 CFR § 63.148.	☐ Yes ☐ No
3.	The application area includes vapor collection systems or closed-vent systems that are required to comply with 40 CFR § 63.148. *If the response to Question VIII.C.3 is "No," go to Question VIII.C.8.*	☐ Yes ☐ No
4.	The application area includes vapor collection systems or closed-vent systems that are constructed of hard piping.	☐ Yes ☐ No
5.	The application area includes vapor collection systems or closed-vent systems that contain bypass lines that could divert a vent stream away from a control device and to the atmosphere. *If the response to Question VIII.C.5 is "No," go to Question VIII.C.8.*	☐ Yes ☐ No
	Vapor Collection and Closed Vent Systems	
6.	Flow indicators are installed, calibrated, maintained, and operated at the entrances to bypass lines in the application area.	☐ Yes ☐ No
7.	Bypass lines in the application area are secured in the closed position with a car-seal or a lock-and-key type configuration.	☐ Yes ☐ No

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VIII.	**Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)**	
C.	**Subpart G - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operations, and Wastewater (continued)**	
	Reloading or Cleaning of Railcars, Tank Trucks, or Barges	
8.	The application area includes reloading and/or cleaning of railcars, tank trucks, or barges that deliver HAPs to a storage tank. *If the response to Question VIII.C.8 is "No," go to Question VIII.C.11.*	☐ Yes ☐ No
9.	The application area includes operations that are complying with § 63.119(g)(6) through the use of a closed-vent system with a control device used to reduce inlet emissions of HAPs by at least 95 percent by weight or greater.	☐ Yes ☐ No
10.	The application area includes operations that are complying with § 63.119(g)(6) through the use of a vapor balancing system.	☐ Yes ☐ No
	Transfer Racks	
11.	The application area includes Group 1 transfer racks that load organic HAPs.	☐ Yes ☐ No
	Process Wastewater Streams	
12.	The application area includes process wastewater streams. *If the response to Question VIII.C.12 is "No," go to Question VIII.C.34.*	☐ Yes ☐ No
13.	The application area includes process wastewater streams that are also subject to the provisions of 40 CFR Part 61, Subpart FF. *If the response to Question VIII.C.13 is "No," go to Question VIII.C.15.*	☐ Yes ☐ No
14.	The application area includes process wastewater streams that are complying with 40 CFR §§ 63.110(e)(1)(i) and (e)(1)(ii).	☐ Yes ☐ No
15.	The application area includes process wastewater streams that are also subject to the provisions of 40 CFR Part 61, Subpart F. *If the response to Question VIII.C.15 is "No," go to Question VIII.C.17.*	☐ Yes ☐ No

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)		
C. Subpart G - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operations, and Wastewater (continued)		
	***Process Wastewater Streams* (continued)**	
16.	The application area includes process wastewater streams utilizing the compliance option specified in 40 CFR § 63.110(f)(4)(ii).	☐ Yes ☐ No
17.	The application area includes process wastewater streams that are also subject to the provisions of 40 CFR Parts 260 through 272. *If the response to Question VIII.C.17 is "No," go to Question VIII.C.20.*	☐ Yes ☐ No
18.	The application area includes process wastewater streams complying with 40 CFR § 63.110(e)(2)(i).	☐ Yes ☐ No
19.	The application are includes process wastewater streams complying with 40 CFR § 63.110(e)(2)(ii).	☐ Yes ☐ No
20.	The application area includes process wastewater streams, located at existing sources, that are designated as Group 1; are required to be treated as Group 1 under 40 CFR § 63.110; or are determined to be Group 1 for Table 9 compounds.	☐ Yes ☐ No
21.	The application area includes process wastewater streams, located at existing sources that are Group 2.	☐ Yes ☐ No
22.	The application area includes process wastewater streams, located at new sources, that are designated as Group 1; required to be treated as Group 1 under 40 CFR § 63.110; or are determined to be Group 1 for Table 8 or Table 9 compounds.	☐ Yes ☐ No
23.	The application area includes process wastewater streams, located at new sources that are Group 2 for both Table 8 and Table 9 compounds.	☐ Yes ☐ No

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VIII.	**Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)**	
C.	**Subpart G - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operations, and Wastewater (continued)**	
	Process Wastewater Streams **(continued)**	
24.	All Group 1 wastewater streams at the site are demonstrated to have a total source mass flow rate of less than 1 MG/yr. *If the response to Question VIII.C.24 is "Yes," go to Question VIII.C.34.*	☐ Yes ☐ No
25.	The site has untreated and/or partially treated Group 1 wastewater streams demonstrated to have a total source mass flow rate of less than 1 MG/yr. *If the response to Question VIII.C.25 is "No," go to Question VIII.C.27.*	☐ Yes ☐ No
26.	The application area includes waste management units that receive or manage a partially treated Group 1 wastewater stream prior to or during treatment.	☐ Yes ☐ No
27.	Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an on-site treatment operation that is not owned or operated by the owner or operator of the source generating the waste stream or residual.	☐ Yes ☐ No
28.	Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an off-site treatment operation. *If the responses to Questions VIII.C.27 - VIII.C.28 are both "No," go to Question VIII.C.30.*	☐ Yes ☐ No
29.	The application area includes waste management units that receive or manage a Group 1 wastewater stream, or a residual removed from a Group 1 wastewater stream prior to shipment or transport.	☐ Yes ☐ No
30.	The application area includes containers that receive, manage, or treat a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream.	☐ Yes ☐ No

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VIII.	**Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)**	
C.	**Subpart G - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operations, and Wastewater (continued)**	
	Drains	
31.	The application area includes individual drain systems that receive or manage a Group 1 wastewater stream, or a residual removed from a Group 1 wastewater stream. *If the response to Question VIII.C.31 is "No," go to Question VIII.C.34.*	☐ Yes ☐ No
32.	The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of cover and, if vented, closed vent systems and control devices.	☐ Yes ☐ No
33.	The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of water seals or tightly fitting caps or plugs.	☐ Yes ☐ No
34.	The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that are part of a chemical manufacturing process unit that meets the criteria of 40 CFR § 63.100(b). *If the response to Question VIII.C.34 is "No," go to Question VIII.C.39.*	☐ Yes ☐ No
35.	The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes (that are part of a chemical manufacturing process unit) that meet the criteria listed in 40 CFR § 63.149(d). *If the response to Question VIII.C.35 is "No," go to Question VIII.C.39.*	☐ Yes ☐ No
36.	The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that convey water with a total annual average concentration greater than or equal to 10,000 parts per million by weight of compounds listed in 40 CFR Part 63 Subpart G, Table 9, at any flow rate.	☐ Yes ☐ No

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VIII.	**Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)**	
C.	**Subpart G-National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operation, and Wastewater (continued)**	
	***Drains* (continued)**	
37.	The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration greater than or equal to 1,000 parts per million by weight of compounds listed in 40 CFR Part 63 Subpart G, Table 9, at an annual average flow rate greater than or equal to 10 liters per minute.	☐ Yes ☐ No
38.	The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that are part of a chemical manufacturing process unit that is subject to the new source requirements of 40 CFR § 63.100(l)(1) or (l)(2); and the equipment conveys water with a total annual average concentration greater than or equal to 10 parts per million by weight of compounds listed in 40 CFR Part 63 Subpart G, Table 8, at an average annual flow rate greater than or equal to 0.02 liter per minute.	☐ Yes ☐ No
	Gas Streams	
39.	The application area includes gas streams meeting the characteristics of 40 CFR § 63.107(b) - (h) or the criteria of 40 CFR § 63.113(i) and are transferred to a control device not owned or operated by the applicant.	☐ Yes ☐ No
40.	The applicant is unable to comply with 40 CFR §§ 63.113 - 63.118 for one or more reasons described in 40 CFR § 63.100(q)(1), (3), or (5).	☐ Yes ☐ No
D.	**Subpart N - National Emission Standards for Chromium Emissions From Hard and Decorative Chromium Electroplating and Chromium Anodizing Tanks**	
1.	The application area includes chromium electroplating or chromium anodizing tanks located at hard chromium electroplating, decorative chromium electroplating, and/or chromium anodizing operations.	☐ Yes ☒ No

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VIII.	**Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)**	
E.	**Subpart O - Ethylene Oxide Emissions Standards for Sterilization Facilities**	
1.	The application area includes sterilization facilities where ethylene oxide is used in the sterilization or fumigation of materials. *If the response to Question VIII.E.1 is "No," go to Section VIII.F.*	☐ Yes ☒ No
2.	Sterilization facilities located in the application area are subject to 40 CFR Part 63, Subpart O. *If the response to Question VIII.E.2 is "No," go to Section VIII.F.*	☐ Yes ☐ No
3.	The sterilization source has used less than 1 ton (907 kg) of ethylene oxide within all consecutive 12-month periods after December 6, 1996.	☐ Yes ☐ No
4.	The sterilization source has used less than 10 tons (9070 kg) of ethylene oxide within all consecutive 12-month periods after December 6, 1996.	☐ Yes ☐ No
F.	**Subpart Q - National Emission Standards for Industrial Process Cooling Towers**	
1.	The application area includes industrial process cooling towers. *If the response to Question VIII.F.1 is "No," go to Section VIII.G.*	☐ Yes ☒ No
2.	Chromium-based water treatment chemicals have been used on or after September 8, 1994.	☐ Yes ☐ No
G.	**Subpart R - National Emission Standards for Gasoline Distribution Facilities (Bulk Gasoline Terminals and Pipeline Breakout Stations)**	
1.	The application area includes a bulk gasoline terminal.	☐ Yes ☒ No
2.	The application area includes a pipeline breakout station. *If the responses to Questions VIII.G.1 and VIII.G.2 are both "No," go to Section VIII.H.*	☐ Yes ☒ No
3.	The bulk gasoline terminal or pipeline breakout station is located within a contiguous area and under common control with another bulk gasoline terminal or a pipeline breakout station. *If the response to Question VIII.G.3 is "Yes," go to Question VIII.G.10.*	☐ Yes ☐ No

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VIII.	**Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)**	
G.	**Subpart R - National Emission Standards for Gasoline Distribution Facilities (Bulk Gasoline Terminals and Pipeline Breakout Stations) (continued)**	
4.	The bulk gasoline terminal or pipeline breakout station is located within a contiguous area and under common control with sources, other than bulk gasoline terminals or pipeline breakout stations that emit or have the potential to emit HAPs. *If the response to Question VIII.G.4 is "Yes," go to Question VIII.G.10.*	☐ Yes ☐ No
5.	An emissions screening factor was calculated for the bulk gasoline terminal or pipeline breakout station. *If the response to Question VIII.G.5 is "No," go to Question VIII.G.10.*	☐ Yes ☐ No
6.	The value 0.04(OE) is less than 5% of the value of the bulk gasoline terminal emissions screening factor (ET) or the pipeline breakout station emissions screening factor (Ep). *If the response to Question VIII.G.6 is "No," go to Question VIII.G.10.*	☐ Yes ☐ No
7.	Emissions screening factor less than 0.5 (ET or EP < 0.5). *If the response to Question VIII.G.7 is "Yes," go to Section VIII.H.*	☐ Yes ☐ No
8.	Emissions screening factor greater than or equal to 0.5, but less than 1.0 (0.5 ≤ ET or EP < 1.0). *If the response to Question VIII.G.8 is "Yes," go to Section VIII.H.*	☐ Yes ☐ No
9.	Emissions screening factor greater than or equal to 1.0 (ET or EP ≥ 1.0). *If the response to Question VIII.G.9 is "Yes," go to Question VIII.G.11.*	☐ Yes ☐ No
10.	The site at which the application area is located is a major source of HAP. *If the response to Question VIII.G.10 is "No," go to Section VIII.H.*	☐ Yes ☐ No
11.	The application area is using an alternative leak monitoring program as described in 40 CFR § 63.424(f).	☐ Yes ☐ No

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VIII.	**Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)**	
H.	**Subpart S - National Emission Standards for Hazardous Air Pollutants from the Pulp and Paper Industry**	
1.	The application area includes processes that produce pulp, paper, or paperboard and are located at a plant site that is a major source of HAPs as defined in 40 CFR § 63.2. *If the response to Question VIII.H.1 is "No," go to Section VIII.I.*	☐ Yes ☒ No
2.	The application area uses processes and materials specified in 40 CFR § 63.440(a)(1) - (3). *If the response to Question VIII.H.2 is "No," go to Section VIII.I.*	☐ Yes ☐ No
3.	The application area includes one or more sources subject to 40 CFR Part 63, Subpart S that are existing sources. *If the response to Question VIII.H.3 is "No," go to Section VIII.I.*	☐ Yes ☐ No
4.	The application area includes one or more kraft pulping systems that are existing sources.	☐ Yes ☐ No
5.	The application area includes one or more dissolving-grade bleaching systems that are existing sources at a kraft or sulfite pulping mill.	☐ Yes ☐ No
6.	The application area includes bleaching systems that are existing sources and are complying with the Voluntary Advanced Technology Incentives Program for Effluent Limitation Guidelines in 40 CFR § 430.24. *If the response to Question VIII.H.6 is "No," go to Section VIII.I.*	☐ Yes☐ No
7.	The application area includes bleaching systems that are complying with 40 CFR § 63.440(d)(3)(i).	☐ Yes ☐ No
8.	The application area includes bleaching systems that are complying with 40 CFR § 63.440(d)(3)(ii).	☐ Yes ☐ No

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VIII.	**Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)**	
I.	**Subpart T - National Emission Standards for Halogenated Solvent Cleaning**	
1.	The application area includes an individual batch vapor, in-line vapor, in-line cold, and/or batch cold solvent cleaning machine that uses a hazardous air pollutant (HAP) solvent, or any combination of halogenated HAP solvents, in a total concentration greater than 5% by weight, as a cleaning and/or drying agent.	☐ Yes ☒ No
2.	The application area is located at a major source and includes solvent cleaning machines, qualifying as affected facilities, that use perchloroethylene, trichloroethylene or methylene chloride.	☐ Yes ☒ No
3.	The application area is located at an area source and includes solvent cleaning machines, other than cold batch cleaning machines, that use perchloroethylene, trichloroethylene or methylene chloride.	☐ Yes ☒ No
J.	**Subpart U - National Emission Standards for Hazardous Air Pollutant Emissions: Group 1 Polymers and Resins**	
1.	The application area includes elastomer product process units and/or wastewater streams and wastewater operations that are associated with elastomer product process units. *If the response to Question VIII.J.1 is "No," go to Section VIII.K.*	☐ Yes ☒ No
2.	Elastomer product process units and/or wastewater streams and wastewater operations located in the application area are subject to 40 CFR Part 63, Subpart U. *If the response to Question VIII.J.2 is "No," go to Section VIII.K.*	☐ Yes ☐ No
3.	The application area includes process wastewater streams that are designated as Group 1 or are determined to be Group 1 for organic HAPs as defined in 40 CFR § 63.482.	☐ Yes ☐ No
4.	The application area includes process wastewater streams that are Group 2 for organic HAPs as defined in 40 CFR § 63.482.	☐ Yes ☐ No

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VIII.	**Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)**	
J.	**Subpart U - National Emission Standards for Hazardous Air Pollutant Emissions: Group 1 Polymers and Resins (continued)**	
5.	All Group 1 wastewater streams at the site are demonstrated to have a total source mass flow rate of less than 1 MG/yr. *If the response to Question VIII.J.5 is "Yes," go to Question VIII.J.15.*	☐ Yes ☐ No
6.	The site has untreated and/or partially treated Group 1 wastewater streams demonstrated to have a total source mass flow rate of less than 1 MG/yr. *If the response to Question VIII.J.6 is "No," go to Question VIII.J.8.*	☐ Yes ☐ No
7.	The application area includes waste management units that receive or manage a partially treated Group 1 wastewater stream prior to or during treatment.	☐ Yes ☐ No
8.	Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an on-site treatment operation that is not owned or operated by the owner or operator of the source generating the waste stream or residual.	☐ Yes ☐ No
9.	Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an off-site treatment operation. *If the responses to Questions VIII.J.8 - VIII.J.9 are both "No," go to Question VIII.J.11.*	☐ Yes ☐ No
10.	The application area includes waste management units that receive or manage a Group 1 wastewater stream, or a residual removed from a Group 1 wastewater stream prior to shipment or transport.	☐ Yes ☐ No

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VIII.	**Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)**	
J.	**Subpart U - National Emission Standards for Hazardous Air Pollutant Emissions: Group 1 Polymers and Resins (continued)**	
	Containers	
11.	The application area includes containers that receive, manage, or treat a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream.	☐ Yes ☐ No
	Drains	
12.	The application area includes individual drain systems that receive or manage a Group 1 wastewater stream, or a residual removed from a Group 1 wastewater stream. *If the response to Question VIII.J.12 is "No," go to Question VIII.J.15.*	☐ Yes ☐ No
13.	The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of cover and, if vented, closed vent systems and control devices.	☐ Yes ☐ No
14.	The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of water seals or tightly fitting caps or plugs.	☐ Yes ☐ No
15.	The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that are part of an elastomer product process unit. *If the response to Question VIII.J.15 is "No," go to Section VIII.K.*	☐ Yes ☐ No
16.	The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that meet the criteria listed in 40 CFR § 63.149(d) and § 63.501(a)(12). *If the response to Question VIII.J.16 is "No," go to Section VIII.K.*	☐ Yes ☐ No

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VIII.	**Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)**	
J.	**Subpart U - National Emission Standards for Hazardous Air Pollutant Emissions: Group 1 Polymers and Resins (continued)**	
	Drains **(continued)**	
17.	The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that convey water with a total annual average concentration greater than or equal to 10,000 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.482, at any flow rate.	☐ Yes ☐ No
18.	The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration greater than or equal to 1,000 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.482, at an annual average flow rate greater than or equal to 10 liters per minute.	☐ Yes ☐ No
19.	The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that are part of an elastomer product process unit that is a new affected source or part of a new affected source and the equipment conveys water with a total annual average concentration greater than or equal to 10 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.482, at an average annual flow rate greater than or equal to 0.02 liter per minute.	☐ Yes ☐ No
K.	**Subpart W - National Emission Standards for Hazardous Air Pollutants for Epoxy Resins Production and Non-nylon Polyamides Production**	
1.	The manufacture of basic liquid epoxy resins (BLR) and/or manufacture of wet strength resins (WSR) is conducted in the application area. *If the response to Question VIII.K.1 is "No" or "N/A," go to Section VIII.L.*	☐ Yes ☒ No ☐ N/A
2.	The application area includes a BLR and/or WSR research and development facility.	☐ Yes ☐ No

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VIII.	**Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)**	
L.	**Subpart X - National Emission Standards for Hazardous Air Pollutants from Secondary Lead Smelting**	
1.	The application area includes one or more of the affected sources in 40 CFR § 63.541(a) that are located at a secondary lead smelter. *If the response to Question VIII.L.1 is "No" or "N/A," go to Section VIII.M.*	☐ Yes ☒ No ☐ N/A
2.	The application area is using and approved alternate to the requirements of § 63.545(c)(1)-(5) for control of fugitive dust emission sources.	☐ Yes ☐ No
M.	**Subpart Y - National Emission Standards for Marine Tank Vessel Loading Operations**	
1.	The application area includes marine tank vessel loading operations that are specified in 40 CFR § 63.560 and located at an affected source as defined in 40 CFR § 63.561.	☐ Yes ☒ No
N.	**Subpart CC - National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries**	
	Applicability	
1.	The application area includes petroleum refining process units and/or related emission points that are specified in 40 CFR § 63.640(c)(1) - (c)(7). *If the response to Question VIII.N.1 is "No," go to Section VIII.O.*	☐ Yes ☒ No
2.	All petroleum refining process units/and or related emission points within the application area are specified in 40 CFR § 63.640(g)(1) - (g)(7). *If the response to Question VIII.N.2 is "Yes," go to Section VIII.O.*	☐ Yes ☐ No

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VIII.	**Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)**	
	N. Subpart CC - National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries (continued)	
	***Applicability* (continued)**	
3.	The application area is located at a plant site that is a major source as defined in the Federal Clean Air Act § 112(a). *If the response to Question VIII.N.3 is "No," go to Section VIII.O.*	☐ Yes ☐ No
4.	The application area is located at a plant site which emits or has equipment containing/contacting one or more of the HAPs listed in table 1 of 40 CFR Part 63, Subpart CC. *If the response to Question VIII.N.4 is "No," go to Section VIII.O.*	☐ Yes ☐ No
5.	The application area includes Group 1 wastewater streams that are not conveyed, stored, or treated in a wastewater stream management unit that also receives streams subject to the provisions of 40 CFR §§ 63.133 - 63.147 of Subpart G wastewater provisions section.	☐ Yes ☐ No
6.	The application area includes Group 2 wastewater streams that are not conveyed, stored, or treated in a wastewater stream management unit that also receives streams subject to the provisions of 40 CFR §§ 63.133 - 63.147 of Subpart G wastewater provisions section.	☐ Yes ☐ No
7.	The application area includes Group 1 or Group 2 wastewater streams that are conveyed, stored, or treated in a wastewater stream management unit that also receives streams subject to the provisions of 40 CFR §§ 63.133 - 63.147 of Subpart G wastewater provisions section. *If the response to Question VIII.N.7 is "No," go to Question VIII.N.13.*	☐ Yes ☐ No
8.	The application area includes Group 1 or Group 2 wastewater streams that are complying with 40 CFR § 63.640(o)(2)(i).	☐ Yes ☐ No

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VIII.	**Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)**	
N.	**Subpart CC - National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries (continued)**	
	***Applicability* (continued)**	
9.	The application area includes Group 1 or Group 2 wastewater streams that are complying with 40 CFR § 63.640(o)(2)(ii). *If the response to Question VIII.N.9 is "No," go to Question VIII.N.13.*	☐ Yes ☐ No
10.	The application area includes Group 2 wastewater streams or organic streams whose benzene emissions are subject to control through the use of one or more treatment processes or waste management units under the provisions of 40 CFR Part 61, Subpart FF on or after December 31, 1992.	☐ Yes ☐ No
	Containers, Drains, and other Appurtenances	
11.	The application area includes containers that are subject to the requirements of 40 CFR § 63.135 as a result of complying with 40 CFR § 63.640(o)(2)(ii).	☐ Yes ☐ No
12.	The application area includes individual drain systems that are subject to the requirements of 40 CFR § 63.136 as a result of complying with 40 CFR § 63.640(o)(2)(ii).	☐ Yes ☐ No
13.	The application area includes Group 1 gasoline loading racks as specified in § 63.650(a).	☐ Yes ☐ No
O.	**Subpart DD - National Emission Standards for Off-site Waste and Recovery Operations**	
1.	The application area receives material that meets the criteria for off-site material as specified in 40 CFR § 63.680(b)(1). *If the response to Question VIII.O.1 is "No" or "N/A," go to Section VIII.P*	☐ Yes ☒ No ☐ N/A
2.	Materials specified in 40 CFR § 63.680(b)(2) are received at the application area.	☐ Yes ☐ No
3.	The application area has a waste management operation receiving off-site material and is regulated under 40 CFR Part 264 or Part 265.	☐ Yes ☐ No

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VIII.	**Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)**	
O.	**Subpart DD - National Emission Standards for Off-site Waste and Recovery Operations (continued)**	
4.	The application area has a waste management operation treating wastewater which is an off-site material and is exempted under 40 CFR §§ 264.1(g)(6) or 265.1(c)(10).	☐ Yes ☐ No
5.	The application area has an operation subject to Clean Water Act, § 402 or § 307(b) but is not owned by a "state" or "municipality."	☐ Yes ☐ No
6.	The predominant activity in the application area is the treatment of wastewater received from off-site.	☐ Yes ☐ No
7.	The application area has a recovery operation that recycles or reprocesses hazardous waste which is an off-site material and is exempted under 40 CFR §§ 264.1(g)(2) or 265.1(c)(6).	☐ Yes ☐ No
8.	The application area has a recovery operation that recycles or reprocesses used solvent which is an off-site material and is not part of a chemical, petroleum, or other manufacturing process that is required to use air emission controls by another subpart of 40 CFR Part 63 or Part 61.	☐ YES ☐ No
9.	The application area has a recovery operation that re-refines or reprocesses used oil which is an off-site material and is regulated under 40 CFR Part 279, Subpart F (Standards for Used Oil Processors and Refiners).	☐ Yes ☐ No
10.	The application area is located at a site where the total annual quantity of HAPs in the off-site material is less than 1 megagram per year. *If the response to Question VIII.O.10 is "Yes," go to Section VIII.P.*	☐ Yes ☐ No

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VIII.	**Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)**	
O.	**Subpart DD - National Emission Standards for Off-site Waste and Recovery Operations (continued)**	
11.	The application area receives offsite materials with average VOHAP concentration less than 500 ppmw at the point of delivery that are not combined with materials having a VOHAP concentration of 500 ppmw or greater. *If the response to Question VIII.O.11 is "No," go to Question VIII.O.14.*	☐ Yes ☐ No
12.	VOHAP concentration is determined by direct measurement.	☐ Yes ☐ No
13.	VOHAP concentration is based on knowledge of the off-site material.	☐ Yes ☐ No
14.	The application area includes an equipment component that is a pump, compressor, and agitator, pressure relief device, sampling connection system, open-ended valve or line, valve, connector or instrumentation system. *If the response to Question VIII.O.14 is "No," go to Question VIII.O.17.*	☐ Yes ☐ No
15.	An equipment component in the application area contains or contacts off-site material with a HAP concentration greater than or equal to 10% by weight.	☐ Yes ☐ No
16.	An equipment component in the application area is intended to operate 300 hours or more during a 12-month period.	☐ Yes ☐ No
17.	The application area includes containers that manage non-exempt off-site material.	☐ Yes ☐ No
18.	The application area includes individual drain systems that manage non-exempt off-site materials.	☐ Yes ☐ No

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VIII.	**Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)**		
	P.	**Subpart GG - National Emission Standards for Aerospace Manufacturing and Rework Facilities**	
	1.	The application area includes facilities that manufacture or rework commercial, civil, or military aerospace vehicles or components. *If the response to Question VIII.P.1 is "No" or "N/A," go to Section VIII.Q.*	☐ Yes ☒ No ☐ N/A
	2.	The application area includes one or more of the affected sources specified in 40 CFR § 63.741(c)(1) - (7).	☐ Yes ☐ No
	Q.	**Subpart HH - National Emission Standards for Hazardous Air Pollutants From Oil and Natural Gas Production Facilities.**	
♦	1.	The application area contains facilities that process, upgrade or store hydrocarbon liquids that are located at oil and natural gas production facilities prior to the point of custody transfer.	☐ Yes ☒ No
♦	2.	The application area contains facilities that process, upgrade or store natural gas prior to the point at which natural gas enters the natural gas transmission and storage source category or is delivered to a final end user. *For SOP applications, if the responses to Questions VIII.Q.1 and VIII.Q.2 are both "No," go to Section VIII.R.* *For GOP applications, if the responses to Questions VIII.Q.1 and VIII.Q.2 are both "No," go to Section VIII.Z.*	☐ Yes ☒ No
♦	3.	The application area contains only facilities that exclusively process, store or transfer black oil as defined in § 63.761. *For SOP applications, if the response to Question VIII.Q.3 is "Yes," go to Section VIII.R.* *For GOP applications, if the response to Question VIII.Q.3 is "Yes," go to Section VIII.Z.*	☐ Yes ☐ No
♦	4.	The application area is located at a site that is a major source of HAP. *If the response to Question VIII.Q.4 is "No," go to Question VIII.Q.6.*	☐ Yes ☐ No

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VIII.	**Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)**		
	Q.	**Subpart - HH - National Emission Standards for Hazardous Air Pollutants From Oil and Natural Gas Production Facilities (continued)**	
♦	5.	The application area contains only a facility, prior to the point of custody transfer, with facility-wide actual annual average natural gas throughput less than 18.4 thousand standard cubic meters (649,789.9 ft^3) per day and a facility-wide actual annual average hydrocarbon liquid throughput less than 39,700 liters (10,487.6 gallons) per day. *For SOP applications, if the response to Question VIII.Q.5 is "Yes," go to Section VIII.R.* *For GOP applications, if the response to Question VIII.Q.5 is "Yes," go to Section VIII.Z.* *For all applications, if the response to Question VIII.Q.5 is "No," go to Question VIII.Q.9.*	☐ Yes ☐ No
♦	6.	The application area includes a triethylene glycol (TEG) dehydration unit. *For SOP applications, f the answer to Question VIII.Q.6 is "No," go to Section VIII.R. For GOP applications, if the response to Question VIII.Q.6 is "No," go to Section VIII.Z.*	☐ Yes ☐ No
♦	7.	The application area is located at a site that is within the boundaries of UA plus offset or a UC, as defined in 40 CFR § 63.761.	☐ Yes ☐ No
♦	8.	The site has actual emissions of 5 tons per year or more of a single HAP, or 12.5 tons per year or more of a combination of HAP.	☐ Yes ☐ No
♦	9.	Emissions for major source determination are being estimated based on the maximum natural gas or hydrocarbon liquid throughput as calculated in § 63.760(a)(1)(i)-(iii).	☐ Yes ☐ No

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)		
R.	**Subpart II - National Emission Standards for Shipbuilding and Ship Repair (Surface Coating)**	
1.	The application area includes shipbuilding or ship repair operations. *If the response to Question VIII.R.1 is "NO," go to Section VIII.S.*	☐ Yes ☒ No
2.	Shipbuilding or ship repair operations located in the application area are subject to 40 CFR Part 63, Subpart II.	☐ Yes ☐ No
S.	**Subpart JJ - National Emission Standards for Wood Furniture Manufacturing Operations**	
1.	The application area includes wood furniture manufacturing operations and/or wood furniture component manufacturing operations. *If the response to Question VIII.S.1 is "No" or "N/A," go to Section VIII.T.*	☐ Yes ☒ No ☐ N/A
2.	The application area meets the definition of an "incidental wood manufacturer" as defined in 40 CFR § 63.801.	☐ Yes ☐ No
T.	**Subpart KK - National Emission Standards for the Printing and Publishing Industry**	
1.	The application area includes publication rotogravure, product and packaging rotogravure, or wide-web flexographic printing presses.	☐ Yes ☒ No ☐ N/A
U.	**Subpart PP - National Emission Standards for Containers**	
1.	The application area includes containers for which another 40 CFR Part 60, 61, or 63 subpart references the use of 40 CFR Part 63, Subpart PP for the control of air emissions. *If the response to Question VIII.U.1 is "NO," go to Section VIII.V.*	☐ Yes ☒ No
2.	The application area includes containers using Container Level 1 controls.	☐ Yes ☐ No
3.	The application area includes containers using Container Level 2 controls.	☐ Yes ☐ No

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VIII.	**Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)**	
U.	**Subpart PP - National Emission Standards for Containers (continued)**	
4.	The application area includes containers using Container Level 3 controls.	☐ Yes ☐ No
V.	**Subpart RR - National Emission Standards for Individual Drain Systems**	
1.	The application area includes individual drain systems for which another 40 CFR Part 60, 61, or 63 subpart references the use of 40 CFR Part 63, Subpart RR for the control of air emissions.	☐ Yes ☒ No
W.	**Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards**	
1.	The application area includes an acetal resins production process unit; an acrylic and modacrylic fiber production process unit complying with 40 CFR § 63.1103(b)(3)(i); or an existing polycarbonate production process.	☐ Yes ☒ No
2.	The application area includes process wastewater streams generated from an acetal resins production process unit; an acrylic and modacrylic fiber production process unit complying with 40 CFR § 63.1103(b)(3)(i); or an existing polycarbonate production process. *If the responses to Questions VIII.W.1 and VIII.W.2 are both "No," go to Question VIII.W.20.*	☐ Yes ☐ No
3.	The application area includes process wastewater streams that are designated as Group 1 or are determined to be Group 1 under the requirements of 40 CFR § 63.132(c).	☐ Yes ☐ No
4.	The application area includes process wastewater streams that are determined to be Group 2 under the requirements of 40 CFR § 63.132(c).	☐ Yes ☐ No
5.	All Group 1 wastewater streams at the site are determined to have a total source mass flow rate of less than 1 MG/yr.	☐ Yes ☐ No
6.	The site has untreated and/or partially treated Group 1 wastewater streams demonstrated to have a total source mass flow rate of less than 1 MG/yr. *If the response to Question VIII.W.6 is "No," go to Question VIII.W.8.*	☐ Yes ☐ No

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VIII.	**Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)**	
W.	**Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)**	
7.	The application area includes waste management units that receive or manage a partially treated Group 1 wastewater stream prior to or during treatment.	☐ Yes ☐ No
8.	Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an on-site treatment operation that is not owned or operated by the owner or operator of the source generating the waste stream or residual.	☐ Yes ☐ No
9.	Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an off-site treatment operation. *If the responses to Questions VIII.W.8 and W.9 are both "No," go to Question VIII.W.11.*	☐ Yes ☐ No
10.	The application area includes waste management units that receive or manage a Group 1 wastewater stream, or a residual removed from a Group 1 wastewater stream prior to shipment or transport.	☐ Yes ☐ No
11.	The application area includes containers that receive, manage, or treat a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream.	☐ Yes ☐ No
12.	The application area includes individual drain systems that receive, manage, or treat a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream. *If the response to Question VIII.W.12 is "No," go to Question VIII.W.15.*	☐ Yes ☐ No
13.	The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of covers and, if vented, closed vent systems and control devices.	☐ Yes ☐ No
14.	The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of water seals or tightly fitting caps or plugs.	☐ Yes ☐ No

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VIII.	**Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)**	
W.	**Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)**	
15.	The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that are part of an acetal resins production process unit; an acrylic and modacrylic fiber production process unit complying with 40 CFR § 63.1103(b)(3)(i); or an existing polycarbonate production process unit. *If the response to Question VIII.W.15 is "No," go to Question VIII.W.20.*	☐ Yes ☐ No
16.	The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that meet the criteria listed in 40 CFR § 63.1106(c)(1) - (3). *If the response to Question VIII.W.16 is "No," go to Question VIII.W.20.*	☐ Yes ☐ No
17.	The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration greater than or equal to 10,000 parts per million by weight of compounds meeting the definition of organic HAP in Table 9 to 40 CFR Part 60, Subpart G, at any flow rate.	☐ Yes ☐ No
18.	The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration greater than or equal to 1,000 parts per million by weight of compounds meeting the definition of organic HAP in Table 9 to 40 CFR Part 60, Subpart G, at an annual average flow rate greater than or equal to 10 liters per minute.	☐ Yes ☐ No

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VIII.	**Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)**	
W.	**Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)**	
19.	The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that are part of an acrylic resins or acrylic and modacrylic fiber production process unit that is part of a new affected source or is a new affected source and the equipment conveys water with a total annual average concentration greater than or equal to 10 ppmw of compounds meeting the definition of organic HAP in Table 9 to 40 CFR Part 60, Subpart G, at an average annual flow rate greater than or equal to 0.02 liter per minute.	☐ Yes ☐ No
20.	The application area includes an ethylene production process unit.	☐ Yes ☐ No ☐ N/A
21.	The application area includes waste streams generated from an ethylene production process unit. *If the responses to Questions VIII.W.20 and VIII.W.21 are both "No" or "N/A," go to Question VIII.W.54.*	☐ Yes ☐ No ☐ N/A
22.	The waste stream(s) contains at least one of the chemicals listed in 40 CFR § 63.1103(e), Table 7(g)(1). *If the response to Question VIII.W.22 is "No," go to Question VIII.W.54.*	☐ Yes ☐ No
23.	Waste stream(s) are transferred off-site for treatment. *If the response to Question VIII.W.23 is "No," go to Question VIII.W.25.*	☐ Yes ☐ No
24.	The application area has waste management units that treat or manage waste stream(s) prior to transfer off-site for treatment. *If the response to Question VIII.W.24 is "No," go to Question VIII.W.54.*	☐ Yes ☐ No

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VIII.	**Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)**	
W.	**Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)**	
25.	The total annual benzene quantity from waste at the site is less than 10 Mg/yr as determined according to 40 CFR § 61.342(a).	☐ Yes ☐ No
26.	The application area contains at least one waste stream that is a continuous butadiene waste stream as defined in 40 CFR § 63.1082(b). *If the response to Question VIII.W.26 is "No," go to Question VIII.W.43.*	☐ Yes ☐ No
27.	The waste stream(s) contains at least 10 ppmw 1, 3-butadiene at a flow rate of 0.02 liters per minute or is designated for control. *If the response to Question VIII.W.27 is "No," go to Question VIII.W.43.*	☐ Yes ☐ No
28.	The control requirements of 40 CFR Part 63, Subpart G for process wastewater as specified in 40 CFR § 63.1095(a)(2) are selected for control of the waste stream(s). *If the response to Question VIII.W.28 is "No," go to Question VIII.W.33.*	☐ Yes ☐ No
29.	The application area includes containers that receive, manage, or treat a continuous butadiene waste stream.	☐ Yes ☐ No
30.	The application area includes individual drain systems that receive, manage, or treat a continuous butadiene waste stream. *If the response to Question VIII.W.30 is "No," go to Question VIII.W.43.*	☐ Yes ☐ No
31.	The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of cover and, if vented, closed vent systems and control devices.	☐ Yes ☐ No

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VIII.	**Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)**	
W.	**Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)**	
32.	The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of water seals or tightly fitting caps or plugs. *If the response to Question VIII.W.32 is required, go to Question VIII.W.43.*	☐ Yes ☐ No
33.	The application area has containers, as defined in 40 CFR § 61.341, that receive a continuous butadiene waste stream. *If the response to Question VIII.W.33 is "No," go to Question VIII.W.36.*	☐ Yes ☐ No
34.	The application area is an alternate means of compliance to meet the 40 CFR § 61.345 requirements for containers. *If the response to Question VIII.W.34 is "Yes," go to Question VIII.W.36.*	☐ Yes ☐ No
35.	Covers and closed-vent systems used for containers operate such that the container is maintained at a pressure less than atmospheric pressure.	☐ Yes ☐ No
36.	The application area has individual drain systems, as defined in 40 CFR § 61.341, that receive or manage a continuous butadiene waste stream. *If the response to Question VIII.W.36 is "No," go to Question VIII.W.43.*	☐ Yes ☐ No
37.	The application area is using an alternate means of compliance to meet the 40 CFR § 61.346 requirements for individual drain systems. *If the response to Question VIII.W.37 is "Yes," go to Question VIII.W.43.*	☐ Yes ☐ No

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VIII.	**Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)**	
W.	**Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)**	
38.	The application area has individual drain systems complying with 40 CFR § 61.346(a). *If the response to Question VIII.W.38 is "No," go to Question VIII.W.40.*	☐ Yes ☐ No
39.	Covers and closed-vent systems used for individual drain systems operate such that the individual drain system is maintained at a pressure less than atmospheric pressure.	☐ Yes ☐ No
40.	The application area has individual drain systems complying with 40 CFR § 61.346(b). *If the response to Question VIII.W.40 is "No," go to Question VIII.W.43.*	☐ Yes ☐ No
41.	Junction boxes in the individual drain systems are equipped with a system to prevent the flow of organic vapors from the junction box vent pipe to the atmosphere during normal operation.	☐ Yes ☐ No
42.	Junction box vent pipes in the individual drain systems are connected to a closed-vent system and control device.	☐ Yes ☐ No
43.	The application area has at least one waste stream that contains benzene. *If the response to Question VIII.W.43 is "No," go to Question VIII.W.54.*	☐ Yes ☐ No
44.	The application area has containers, as defined in 40 CFR § 61.341, that receive a waste stream containing benzene. *If the response to Question VIII.W.44 is "No," go to Question VIII.W.47.*	☐ Yes ☐ No
45.	The application area is an alternate means of compliance to meet the 40 CFR § 61.345 requirements for containers. *If the response to Question VIII.W.45 is "Yes," go to Question VIII.W.47.*	☐ Yes ☐ No

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VIII.	**Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)**	
W.	**Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)**	
46.	Covers and closed-vent systems used for containers operate such that the container is maintained at a pressure less than atmospheric pressure.	☐ Yes ☐ No
47.	The application area has individual drain systems, as defined in 40 CFR § 61.341, that receive or manage a waste stream containing benzene. *If the response to Question VIII.W.47 is "No," go to Question VIII.W.54.*	☐ Yes ☐ No
48.	The application area is using an alternate means of compliance to meet the 40 CFR § 61.346 requirements for individual drain systems. *If the response to Question VIII.W.48 is "Yes," go to Question VIII.W.54.*	☐ Yes ☐ No
49.	The application area has individual drain systems complying with 40 CFR § 61.346(a). *If the response to Question VIII.W.49 is "No," go to Question VIII.W.51.*	☐ Yes ☐ No
50.	Covers and closed-vent systems used for individual drain systems operate such that the individual drain system is maintained at a pressure less than atmospheric pressure.	☐ Yes ☐ No
51.	The application area has individual drain systems complying with 40 CFR § 61.346(b). *If the response to Question VIII.W.51 is "No," go to Question VIII.W.54.*	☐ Yes ☐ No
52.	Junction boxes in the individual drain systems are equipped with a system to prevent the flow of organic vapors from the junction box vent pipe to the atmosphere during normal operation.	☐ Yes ☐ No

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)		
W.	**Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)**	
53.	Junction box vent pipes in the individual drain systems are connected to a closed-vent system and control device.	☐ Yes ☐ No
54.	The application area contains a cyanide chemicals manufacturing process. *If the response to Question VIII.W.54 is "No," go to Section VIII.X.*	☐ Yes ☒ No
55.	The cyanide chemicals manufacturing process generates maintenance wastewater containing hydrogen cyanide or acetonitrile.	☐ Yes ☐ No
X.	**Subpart JJJ - National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins**	
1.	The application area includes thermoplastic product process units, and/or their associated affected sources specified in 40 CFR § 63.1310(a)(1) - (5), that are subje ct to 40 CFR Part 63, Subpart JJJ. *If the response to Question VIII.X.1 is "No," go to Section VIII.Y.*	☐ Yes ☒ No
2.	The application area includes thermoplastic product process units and/or wastewater streams and wastewater operations that are associated with thermoplastic product process units. *If the response to Question VIII.X.2 is "No," go to Section VIII.Y.*	☐ Yes ☐ No
3.	All process wastewater streams generated or managed in the application area are from sources producing polystyrene. *If the response to Question VIII.X.3 is "Yes," go to Section VIII.Y.*	☐ Yes ☐ No
4.	All process wastewater streams generated or managed in the application area are from sources producing ASA/AMSAN. *If the response to Question VIII.X.4 is "Yes," go to Section VIII.Y.*	☐ Yes ☐ No

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VIII.	**Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)**	
X.	**Subpart JJJ - National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins (continued)**	
5.	The application area includes process wastewater streams that are designated as Group 1 or are determined to be Group 1 for organic HAPs as defined in 40 CFR § 63.1312.	☐ Yes ☐ No
6.	The application area includes process wastewater streams, located at existing sources, that are Group 2 for organic HAPs as defined in 40 CFR § 63.1312.	☐ Yes ☐ No
7.	The application area includes process wastewater streams, located at new sources, that are Group 2 for organic HAPs as defined in 40 CFR § 63.1312.	☐ Yes ☐ No
8.	All Group 1 wastewater streams at the site are demonstrated to have a total source mass flow rate of less than 1 MG/yr. *If the response to Question VIII.X.8 is "Yes," go to Question VIII.X.18.*	☐ Yes ☐ No
9.	The site has untreated and/or partially treated Group 1 wastewater streams demonstrated to have a total source mass flow rate of less than 1 MG/yr. *If the response to Question VIII.X.9 is "No," go to Question VIII.X.11.*	☐ Yes ☐ No
10.	The application area includes waste management units that receive or manage a partially treated Group 1 wastewater stream prior to or during treatment.	☐ Yes ☐ No
11.	Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an on-site treatment operation that is not owned or operated by the owner or operator of the source generating the waste stream or residual.	☐ Yes ☐ No
12.	Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an off-site treatment operation. *If the responses to Questions VIII.X.11 - VIII.X.12 are both "No," go to Question VIII.X.14.*	☐ Yes ☐ No

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VIII.	**Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)**	
X.	**Subpart JJJ - National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins (continued)**	
13.	The application area includes waste management units that receive or manage a Group 1 wastewater stream, or a residual removed from a Group 1 wastewater stream prior to shipment or transport.	☐ Yes ☐ No
	Containers	
14.	The application area includes containers that receive, manage, or treat a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream.	☐ Yes ☐ No
	Drains	
15.	The application area includes individual drain systems that receive or manage a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream. *If the response to Question VIII.X.15 is "No," go to Question VIII.X.18.*	☐ Yes ☐ No
16.	The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of cover and, if vented, closed vent systems and control devices.	☐ Yes ☐ No
17.	The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of water seals or tightly fitting caps or plugs.	☐ Yes ☐ No
18.	The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that are part of a thermoplastic product process unit. *If the response to Question VIII.X.18 is "No," go to Section VIII.Y.*	☐ Yes ☐ No

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VIII.	**Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)**	
X.	**Subpart JJJ - National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins (continued)**	
	***Drains* (continued)**	
19.	The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that meet the criteria listed in 40 CFR § 63.149(d) and § 63.1330(b)(12). *If the response to Question VIII.X.19 is "NO," go to Section VIII.Y.*	☐ Yes ☐ No
20.	The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that convey water with a total annual average concentration greater than or equal to 10,000 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.1312, at any flow rate.	☐ Yes ☐ No
21.	The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration greater than or equal to 1,000 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.1312, at an annual average flow rate greater than or equal to 10 liters per minute.	☐ Yes ☐ No
22.	The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that are part of an thermoplastic product process unit that is a new affected source or part of a new affected source and the equipment conveys water with a total annual average concentration greater than or equal to 10 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.1312, at an average annual flow rate greater than or equal to 0.02 liter per minute	☐ Yes ☐ No

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VIII.	**Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)**		
	Y.	**Subpart UUU - National Emission Standards for Hazardous Air Pollutants for Petroleum Refineries: Catalytic Cracking Units, Catalytic Reforming Units, and Sulfur Recovery Units.**	
	1.	The application area is subject to 40 CFR Part 63, Subpart UUU - National Emission Standards for Hazardous Air Pollutants for Petroleum Refineries: Catalytic Cracking Units, Catalytic Reforming Units, and Sulfur Recovery Units.	☐ Yes ☒ No
	Z.	**Subpart AAAA - National Emission Standards for Hazardous Air Pollutants for Municipal Solid Waste (MSW) Landfills.**	
♦	1.	The application area is subject to 40 CFR Part 63, Subpart AAAA - National Emission Standards for Hazardous Air Pollutants for Municipal Solid Waste Landfills.	☐ Yes ☒ No
	AA.	**Subpart FFFF - National Emission Standards for Hazardous Air Pollutants for Miscellaneous Organic Chemical Production and Processes (MON)**	
	1.	The application area is located at a site that includes process units that manufacture as a primary product one or more of the chemicals listed in 40 CFR § 63.2435(b)(1).	☐ Yes ☒ No
	2.	The application area is located at a plant site that is a major source as defined in FCAA § 112(a).	☐ Yes ☒ No
	3.	The application area is located at a site that includes miscellaneous chemical manufacturing process units (MCPU) that process, use or generate one or more of the organic hazardous air pollutants listed in § 112(b) of the Clean Air Act or hydrogen halide and halogen HAP. *If the response to Question VIII.AA.1, AA.2 or AA.3 is "No," go to Section VIII.BB.*	☐ Yes ☒ No
	4.	The application area includes process vents, storage vessels, transfer racks, or waste streams associated with a miscellaneous chemical manufacturing process subject to 40 CFR 63, Subpart FFFF. *If the response to Question VIII.AA.4 is "No," go to Section VIII.BB.*	☐ Yes ☐ No

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VIII.	**Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)**	
AA.	**Subpart FFFF - National Emission Standards for Hazardous Air Pollutants for Miscellaneous Organic Chemical Production and Processes (MON) (continued)**	
5.	The application area includes process wastewater streams. *If the response to Question VIII.AA.5 is "No," go to Question VIII.AA.24.*	☐ Yes ☐ No
6.	The application area includes process wastewater streams, located at existing sources, that are designated as Group 1 or are determined to be Group 1 for compounds listed in Table 8 of 40 CFR Part 63, Subpart G or Table 8 and Table 9 of 40 CFR Part 63, Subpart FFFF, as appropriate.	☐ Yes ☐ No
7.	The application area includes process wastewater streams, located at existing sources, that are Group 2 for compounds listed in Table 8 or Table 8 and Table 9 of 40 CFR Part 63, Subpart FFFF, as appropriate.	☐ Yes ☐ No
8.	The application area includes process wastewater streams, located at new sources, that are designated as Group 1 or are determined to be Group 1 for compounds listed in Table 8 of 40 CFR Part 63, Subpart G or Table 8 and Table 9 of 40 CFR Part 63, Subpart FFFF, as appropriate.	☐ Yes ☐ No
9.	The application area includes process wastewater streams, located at new sources, that are Group 2 for compounds listed in Table 8 or Table 8 and Table 9 of 40 CFR Part 63, Subpart FFFF, as appropriate.	☐ Yes ☐ No
10.	All Group 1 wastewater streams at the site are demonstrated to have a total source mass flow rate of less than 1 MG/yr. *If the response to Question VIII.AA.10 is "Yes," go to Question VIII.AA.24.*	☐ Yes ☐ No
11.	The site has untreated and/or partially treated Group 1 wastewater streams demonstrated to have a total source mass flow rate of less than 1 MG/yr. *If the response to Question VIII.AA.11 is "No," go to Question VIII.AA.13.*	☐ Yes ☐ No
12.	The application area includes waste management units that receive or manage a partially treated Group 1 wastewater stream prior to or during treatment.	☐ Yes ☐ No
13.	Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an on-site treatment operation that is not owned or operated by the owner or operator of the source generating the waste stream or residual.	☐ Yes ☐ No

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)		
AA. Subpart FFFF - National Emission Standards for Hazardous Air Pollutants for Miscellaneous Organic Chemical Production and Processes (MON) (continued)		
14.	Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an off-site treatment operation. *If the responses to Questions VIII.AA.13 and VIII.AA.14 are both "No," go to Question VIII.AA.20.*	☐ Yes ☐ No
15.	Group 1 wastewater streams are transferred to an offsite treatment facility meeting the requirements of 40 CFR § 63.138(h). *If the response to Question VIII.AA.15 is "No," go to Question VIII.AA.17.*	☐ Yes ☐ No
16.	The option to document in the notification of compliance status report that the wastewater will be treated in a facility meeting the requirements of 40 CFR § 63.138(h) is elected.	☐ Yes ☐ No
17.	Group 1 wastewater streams or residuals with a total annual average concentration of compounds in Table 8 of 40 CFR Part 63, Subpart FFFF less than 50 ppmw are transferred offsite. *If the response to Question VIII.AA.17 is "No," go to Question VIII.AA.19.*	☐ Yes ☐ No
18.	The transferor is demonstrating that less than 5 percent of the HAP in Table 9 of 40 CFR Part 63, Subpart FFFF is emitted from waste management units up to the activated sludge unit.	☐ Yes ☐ No
19.	The application area includes waste management units that receive or manage a Group 1 wastewater stream, or a residual removed from a Group 1 wastewater stream prior to shipment or transport.	☐ Yes ☐ No
20.	The application area includes containers that receive, manage, or treat a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream.	☐ Yes ☐ No
21.	The application area includes individual drain systems that receive or manage a Group 1 wastewater stream, or a residual removed from a Group 1 wastewater stream. *If the response to Question VIII.AA.21 is "No," go to Question VIII.AA.24.*	☐ Yes ☐ No
22.	The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of cover and, if vented, closed vent systems and control devices.	☐ Yes ☐ No

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VIII.	**Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)**	
AA.	**Subpart FFFF - National Emission Standards for Hazardous Air Pollutants for Miscellaneous Organic Chemical Production and Processes (MON) (continued)**	
23.	The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of water seals or tightly fitting caps or plugs.	☐ Yes ☐ No
24.	The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that are part of a chemical manufacturing process unit that meets the criteria of 40 CFR § 63.100(b). *If the response to Question VIII.AA.24 is "No," go to Section VIII.BB.*	☐ Yes ☐ No
25.	The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes (that are part of a miscellaneous chemical manufacturing process unit) that meet the criteria listed in 40 CFR § 63.149(d). *If the response to Question VIII.AA.25 is "No," go to Section VIII.BB.*	☐ Yes ☐ No
26.	The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration of compounds in table 8 of 40 CFR Part 63, Subpart FFFF is greater than or equal to 10,000 ppmw at any flow rate, and the total annual load of compounds in table 8 of 40 CFR Part 63, Subpart FFFF is greater than or equal to 200 lb/yr.	☐ Yes ☐ No
27.	The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that convey water with a total annual average concentration of compounds in table 8 of 40 CFR Part 63, Subpart FFFF is greater than or equal to 1,000 ppmw, and the annual average flow rate is greater than or equal to 1 liter per minute.	☐ Yes ☐ No
28.	The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that are part of a chemical manufacturing process unit that is subject to the new source requirements of 40 CFR § 63.2445(a); and the equipment conveys water with a combined total annual average concentration of compounds in tables 8 and 9 of 40 CFR Part 63, Subpart FFFF is greater than or equal to 30,000 ppmw, and the combined total annual load of compounds in tables 8 and 9 to this subpart is greater than or equal to 1 tpy.	☐ Yes ☐ No

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)		
BB.	**Subpart GGGG - National Emission Standards for Hazardous Air Pollutants for: Solvent Extractions for Vegetable Oil Production.**	
1.	The application area includes a vegetable oil production process that: is by itself a major source of HAP emissions or, is collocated within a plant site with other sources that are individually or collectively a major source of HAP emissions.	☐ Yes ☒ No
CC.	**Subpart GGGGG - National Emission Standards for Hazardous Air Pollutants: Site Remediation**	
1.	The application area includes a facility at which a site remediation is conducted. *If the answer to Question VIII.CC.1 is "No," go to Section VIII.DD.*	☐ Yes ☒ No
2.	The application area is located at a site that is a major source of HAP. *If the answer to Question VIII.CC.2 is "No," go to Section VIII.DD.*	☐ Yes ☐ No
3.	All site remediations qualify for one of the exemptions contained in 40 CFR § 63.7881(b)(1) through (6). *If the answer to Question VIII.CC.3 is "Yes," go to Section VIII.DD.*	☐ Yes ☐ No
4.	All site remediation activities are complete, and the Administrator has been notified in writing. *If the answer to Question VIII.CC.4 is "Yes," go to Section VIII.DD.*	☐ Yes ☐ No
5.	Prior to beginning site remediation activities, it was determined that the total quantity of HAP listed in Table 1 of Subpart GGGGG that will be removed during all site remediations will be less than 1 Mg/yr. *If the answer to Question VIII.CC.5 is "Yes," go to Section VIII.DD.*	☐ Yes ☐ No
6.	The site remediation will be completed within 30 consecutive calendar days.	☐ Yes ☐ No
7.	No site remediation will exceed 30 consecutive calendar days. *If the answer to Question VIII.CC.7 is "Yes," go to Section VIII.DD.*	☐ Yes ☐ No
8.	Site remediation materials subject to 40 CFR Part 63, Subpart GGGGG are transferred from the application area to an off-site facility.	☐ Yes ☐ No
9.	All site remediation materials subject to 40 CFR Part 63, Subpart GGGGG are transferred from the application area to an off-site facility. *If the answer to Question VIII.CC.9 is "Yes," go to Section VIII.DD.*	☐ Yes ☐ No

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VIII.	**Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)**	
	CC. Subpart GGGGG - National Emission Standards for Hazardous Air Pollutants: Site Remediation (continued)	
10.	The application area includes a remediation material management unit used for cleanup of radioactive mixed waste per § 63.7886(c).	☐ Yes ☐ No
11.	The application area includes a remediation material management unit or combination of units with a total annual quantity of HAP less than 1 Mg/yr that is being exempted from § 63.7886(b) per § 63.7886(d).	☐ Yes ☐ No
12.	The application area includes a remediation material management unit that has an average total VOHAP concentration of remediation material less than 500 ppmw and is complying with § 63.7886(b)(2). *If the response to Question VIII.CC.12 is "No," go to Question VIII.CC.14.*	☐ Yes ☐ No
13.	The application area includes a remediation material management unit that concentrates all or part of the material such that the material's VOHAP concentration could increase.	☐ Yes ☐ No
14.	The application area includes containers that manage site remediation materials subject to 40 CFR Part 63, Subpart GGGGG. *If the response to Question VIII.CC.14 is "No," go to Question VIII.CC.21.*	☐ Yes ☐ No
15.	The application area includes containers that are also subject to and complying with another subpart under 40 CFR part 61 or part 63 per § 63.7886(b)(3).	☐ Yes ☐ No
16.	The application area includes containers that are complying with alternative work practice standards that have been approved by the EPA per § 63.7900(e).	☐ Yes ☐ No
17.	The application area includes containers using Container Level 1 controls as specified in 40 CFR § 63.922(b).	☐ Yes ☐ No
18.	The application area includes containers with a capacity greater than 0.46 m^3 that meet the requirements of 40 CFR § 63.7900(b)(3)(i) and (ii).	☐ Yes ☐ No
19.	The application area includes containers using Container Level 2 controls as specified in 40 CFR § 63.923(b).	☐ Yes ☐ No
20.	The application area includes containers using Container Level 3 controls as specified in 40 CFR § 63.924(b).	☐ Yes ☐ No
21.	The application area includes individual drain systems complying with the requirements of 40 CFR § 63.962.	☐ Yes ☐ No

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VIII.	**Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)**	
DD.	**Subpart YYYYY - National Emission Standards for Hazardous Air Pollutants for Area/Sources: Electric Arc Furnace Steelmaking Facilities**	
1.	The application area includes an electric arc furnace (EAF) steelmaking facility, and the site is an area source of hazardous air pollutant (HAP) emissions. *If the response to Question VIII.DD.1 is "No," go to Section VIII.EE.*	☐ Yes ☒ No
2.	The EAF steelmaking facility is a research and development facility. *If the response to Question VIII.DD.2 is "Yes," go to Section VIII.EE.*	☐ Yes ☐ No
3.	Metallic scrap is utilized in the EAF.	☐ Yes ☐ No
4.	Scrap containing motor vehicle scrap is utilized in the EAF.	☐ Yes ☐ No
5.	Scrap not containing motor vehicle scrap is utilized in the EAF.	☐ Yes ☐ No
EE.	**Subpart BBBBBB - National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Distribution Bulk Terminals, Bulk Plants and Pipeline Facilities**	
1.	The application area is located at a site that is an area source of HAPs. *If the answer to Question EE.1 is "No," go to Section VIII.FF.*	☐ Yes ☒ No
2.	The application area includes a pipeline breakout station, as defined in 40 CFR Part 63, Subpart BBBBBB, not subject to the control requirements of 40 CFR Part 63, Subpart R.	☐ Yes ☐ No
3.	The application area includes a pipeline pumping station as defined in 40 CFR Part 63, Subpart BBBBBB.	☐ Yes ☐ No

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VIII.	**Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)**	
EE.	**Subpart BBBBBB - National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Distribution Bulk Terminals, Bulk Plants and Pipeline Facilities (continued)**	
4.	The application area includes a bulk gasoline plant as defined in 40 CFR Part 63, Subpart BBBBBB. *If the answer to Question VIII.EE.4 is "No," go to Question VIII.EE.6.*	☐ Yes ☐ No
5.	The bulk gasoline plant was operating, prior to January 10, 2010, in compliance with an enforceable State, local or tribal rule or permit that requires submerged fill as specified in 40 CFR § 63.11086(a).	☐ Yes ☐ No
6.	The application area includes a bulk gasoline terminal, as defined in 40 CFR Part 63, Subpart BBBBBB, not subject to the control requirements of 40 CFR Part 63, Subpart R or Subpart CC. *If the answer to Question VIII.EE.6 is "No," go to Section VIII.FF.*	☐ Yes ☐ No
7.	The bulk gasoline terminal has throughput of less than 250,000 gallons per day. *If the answer to Question VIII.EE.7 is "Yes," go to Section VIII.FF.*	☐ Yes ☐ No
8.	The bulk gasoline terminal loads gasoline into gasoline cargo tanks other than railcar cargo tanks.	☐ Yes ☐ No
9.	The bulk gasoline terminal loads gasoline into railcar cargo tanks. *If the answer to Question VIII.EE.9 is "No," go to Section VIII.FF.*	☐ Yes ☐ No
10.	The bulk gasoline terminal loads gasoline into railcar cargo tanks which do not collect vapors from a vapor balance system.	☐ Yes ☐ No

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VIII.	**Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)**		
	EE.	**Subpart BBBBBB - National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Distribution Bulk Terminals, Bulk Plants and Pipeline Facilities (continued)**	
	11.	The bulk gasoline terminal loads gasoline into railcar cargo tanks which collect vapors from a vapor balance system and that system complies with a Federal, State, local, tribal rule or permit.	☐ Yes ☐ No
	FF.	**Subpart CCCCCC - National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Dispensing Facilities**	
♦	1.	The application area is located at a site that is an area source of hazardous air pollutants. *If the answer to Question VIII.FF.1 is "No," go to Section VIII.GG.*	☒ Yes ☐ No
♦	2.	The application area includes at least one gasoline dispensing facility as defined in 40 CFR § 63.11132. *If the answer to Question VIII.FF.2 is "No," go to Section VIII.GG.*	☐ Yes ☒ No
♦	3.	The application area includes at least one gasoline dispensing facility with a monthly throughput of less than 10,000 gallons.	☐ Yes ☐ No
♦	4.	The application area includes at least one gasoline dispensing facility where gasoline is dispensed from a fixed gasoline storage tank into a portable gasoline tank for the on-site delivery and subsequent dispensing into other gasoline-fueled equipment.	☐ Yes ☐ No
	GG.	**Recently Promulgated 40 CFR Part 63 Subparts**	
♦	1.	The application area is subject to one or more promulgated 40 CFR Part 63 subparts not addressed on this form. *If the response to Question VIII.GG.1 is "No," go to Section IX. A list of promulgated 40 CFR Part 63 subparts not otherwise addressed on OP-REQ1 is included in the instructions.*	☒ Yes ☐ No
♦	2.	Provide the Subpart designation (i.e. Subpart EEE) in the space provided below.	
Subpart ZZZZ			

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IX.	**Title 40 Code of Federal Regulations Part 68 (40 CFR Part 68) - Chemical Accident Prevention Provisions**		
	A.	**Applicability**	
♦	1.	The application area contains processes subject to 40 CFR Part 68, Chemical Accident Prevention Provisions, and specified in 40 CFR § 68.10.	☐ Yes ☒ No
	X.	**Title 40 Code of Federal Regulations Part 82 (40 CFR Part 82) - Protection of Stratospheric Ozone**	
	A.	**Subpart A - Production and Consumption Controls**	
♦	1.	The application area is located at a site that produces, transforms, destroys, imports, or exports a controlled substance or product.	☐ Yes ☒ No ☐ N/A
	B.	**Subpart B - Servicing of Motor Vehicle Air Conditioners**	
♦	1.	Servicing, maintenance, and/or repair of fleet vehicle air conditioning systems using ozone-depleting refrigerants is conducted in the application area.	☐ Yes ☒ No
	C.	**Subpart C - Ban on Nonessential Products Containing Class I Substances and Ban on Nonessential Products Containing or Manufactured with Class II Substances**	
♦	1.	The application area sells or distributes one or more nonessential products (which release a Class I or Class II substance) that are subject to 40 CFR Part 82, Subpart C.	☐ Yes ☒ No ☐ N/A
	D.	**Subpart D - Federal Procurement**	
♦	1.	The application area is owned/operated by a department, agency, or instrumentality of the United States.	☐ Yes ☒ No ☐ N/A
	E.	**Subpart E - The Labeling of Products Using Ozone Depleting Substances**	
♦	1.	The application area includes containers in which a Class I or Class II substance is stored or transported prior to the sale of the Class I or Class II substance to the ultimate consumer.	☐ Yes ☒ No ☐ N/A
♦	2.	The application area is a manufacturer, importer, wholesaler, distributor, or retailer of products containing a Class I or Class II substance.	☐ Yes ☒ No ☐ N/A
♦	3.	The application area is a manufacturer, importer, wholesaler, distributor, or retailer of products manufactured with a process that uses a Class I or Class II substance.	☐ Yes ☒ No ☐ N/A

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X.	**Title 40 Code of Federal Regulations Part 82 (40 CFR Part 82) - Protection of Stratospheric Ozone (continued)**		
	F.	**Subpart F - Recycling and Emissions Reduction**	
♦	1.	Servicing, maintenance, and/or repair on refrigeration and non-motor vehicle air condition appliances using ozone-depleting refrigerants or non-exempt substitutes is conducted in the application area.	☒ Yes ☐ No
♦	2.	Disposal of appliances (including motor vehicle air conditioners) or refrigerant or non-exempt substitute reclamation occurs in the application area.	☐ Yes ☒ No ☐ N/A
♦	3.	The application area manufactures appliances or refrigerant recycling and recovery equipment.	☐ Yes ☒ No ☐ N/A
	G.	**Subpart G - Significant New Alternatives Policy Program**	
♦	1.	The application area manufactures, formulates, or creates chemicals, product substitutes, or alternative manufacturing processes that are intended for use as a replacement for a Class I or Class II compound. *If the response to Question X.G.1 is "No" or "N/A," go to Section X.H.*	☐ Yes ☒ No ☐ N/A
♦	2.	All substitutes produced by the application area meet one or more of the exemptions in 40 CFR § 82.176(b)(1) - (7).	☐ Yes ☐ No ☐ N/A
	H.	**Subpart H -Halon Emissions Reduction**	
♦	1.	Testing, servicing, maintaining, repairing, or disposing of equipment containing halons is conducted in the application area.	☐ Yes ☒ No ☐ N/A
♦	2.	Disposal of halons or manufacturing of halon blends is conducted in the application area.	☐ Yes ☒ No ☐ N/A
XI.	**Miscellaneous**		
	A.	**Requirements Reference Tables (RRT) and Flowcharts**	
	1.	The application area contains units that are potentially subject to a regulation for which the TCEQ has not developed an RRT and flowchart.	☐ Yes ☒ No

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XI.	**Miscellaneous (continued)**		
	B.	**Forms**	
♦	1.	The application area contains units that are potentially subject to a regulation for which the TCEQ has not developed a unit attribute form. *If the response to Question XI.B.1 is "No" or "N/A," go to Section XI.C.*	☐ Yes ☒ No ☐ N/A
♦	2.	Provide the Part and Subpart designation for the federal rule(s) or the Chapter, Subchapter, and Division designation for the State regulation(s) in the space provided below.	
	C.	**Emission Limitation Certifications**	
♦	1.	The application area includes units for which federally enforceable emission limitations have been established by certification.	☒ Yes ☐ No
	D.	**Alternative Means of Control, Alternative Emission Limitation or Standard, or Equivalent Requirements**	
	1.	The application area is located at a site that is subject to a site-specific requirement of the state implementation plan (SIP).	☐ Yes ☒ No
	2.	The application area includes units located at the site that are subject to a site-specific requirement of the SIP.	☐ Yes ☒ No
	3.	The application area includes units which demonstrate compliance by using an alternative means of control, alternative emission limitation or standard or equivalent requirements approved by the EPA Administrator. *If the response to Question XI.D.3 is "Yes," please include a copy of the approval document with the application.*	☐ Yes ☒ No
	4.	The application area includes units which demonstrate compliance by using an alternative means of control, alternative emission limitation or standard or equivalent requirements approved by the TCEQ Executive Director. *If the response to Question XI.D.4 is "Yes," please include a copy of the approval document with the application.*	☐ Yes ☒ No

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XI.	Miscellaneous (continued)	
E.	**Title IV - Acid Rain Program**	
1.	The application area includes emission units subject to the Acid Rain Program (ARP), including the Opt-In Program.	☐ Yes ☒ No
2.	The application area includes emission units qualifying for the new unit exemption under 40 CFR § 72.7.	☐ Yes ☒ No
3.	The application area includes emission units qualifying for the retired unit exemption under 40 CFR § 72.8.	☐ Yes ☒ No
F.	**40 CFR Part 97, Subpart EEEEE - Cross-State Air Pollution Rule (CSAPR) NO_X Ozone Season Group 2 Trading Program**	
1.	The application area includes emission units subject to the requirements of the CSAPR NO_X Ozone Season Group 2 Trading Program. *If the response to Question XI.F.1 is "No," go to Question XI.F.7.*	☐ Yes ☒ No
2.	The application area includes units that are complying with the CEMS requirements of 40 CFR Part 75, Subpart H for NO_X and heat input.	☐ Yes ☐ No
3.	The application area includes gas or oil-fired units that are complying with the CEMS requirements of 40 CFR Part 75, Subpart H for NO_X, and the monitoring requirements of 40 CFR Part 75, Appendix D for heat input.	☐ Yes ☐ No
4.	The application area includes gas or oil-fired peaking units that are complying with the monitoring requirements of 40 CFR Part 75, Appendix E for NO_X, and the monitoring requirements of 40 CFR Part 75, Appendix D for heat input.	☐ Yes ☐ No
5.	The application area includes gas or oil-fired units that are complying with the Low Mass Emissions monitoring requirements of 40 CFR § 75.19 for NO_X and heat input.	☐ Yes ☐ No
6.	The application area includes units that are complying with EPA-approved alternative monitoring system requirements of 40 CFR Part 75, Subpart E for NO_X and heat input.	☐ Yes ☐ No
7.	The application area includes emission units that qualify for the CSAPR NO_X Ozone Season Group 2 retired unit exemption.	☐ Yes ☐ No

Date	Permit No.	Regulated Entity No.
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For SOP applications, answer ALL questions unless otherwise directed.
♦ For GOP applications, answer ONLY these questions unless otherwise directed.

XI.	Miscellaneous (continued)	
G.	**40 CFR Part 97, Subpart FFFFF - Texas SO_2 Trading Program**	
1.	The application area includes emission units complying with the requirements of the Texas SO_2 Trading Program. *If the response to Question XI.G.1 is "No," go to Question XI.G.6.*	☐ Yes ☒ No
2.	The application area includes units that are complying with the CEMS requirements of 40 CFR Part 75, Subpart B for SO_2 and 40 CFR Part 75, Subpart H for heat input.	☐ Yes ☐ No
3.	The application area includes gas or oil-fired units that are complying with the monitoring requirements of 40 CFR Part 75, Appendix D for SO_2 and heat input.	☐ Yes ☐ No
4.	The application area includes gas or oil-fired units that are complying with the Low Mass Emissions monitoring requirements of 40 CFR § 75.19 for SO_2 and heat input.	☐ Yes ☐ No
5.	The application area includes units that are complying with EPA-approved alternative monitoring system requirements of 40 CFR Part 75, Subpart E for SO_2 and heat input.	☐ Yes ☐ No
6.	The application area includes emission units that qualify for the Texas SO_2 Trading Program retired unit exemption.	☐ Yes ☐ No
H.	**Permit Shield (SOP Applicants Only)**	
1.	A permit shield for negative applicability entries on Form OP-REQ2 (Negative Applicable Requirement Determinations) is being requested or already exists in the permit.	☒ Yes ☐ No

Date	Permit No.	Regulated Entity No.
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For SOP applications, answer ALL questions unless otherwise directed.
♦ For GOP applications, answer ONLY these questions unless otherwise directed.

XI.	**Miscellaneous (continued)**		
	I.	**GOP Type (Complete this section for GOP applications only)**	
♦	1.	The application area is applying for initial issuance, revision, or renewal of an oil and gas general operating permit under GOP No. 511 - Oil and Gas General Operating Permit for Brazoria, Chambers, Collin, Dallas, Denton, El Paso, Ellis, Fort Bend, Galveston, Hardin, Harris, Jefferson, Johnson, Kaufman, Liberty, Montgomery, Orange, Parker, Rockwall, Tarrant, Waller, and Wise Counties.	☐ Yes ☐ No
♦	2.	The application area is applying for initial issuance, revision, or renewal of an oil and gas general operating permit under GOP No. 512 - Oil and Gas General Operating Permit for Gregg, Nueces, and Victoria Counties.	☐ Yes ☐ No
♦	3.	The application area is applying for initial issuance, revision, or renewal of an oil and gas general operating permit under GOP No. 513 - Oil and Gas General Operating Permit for Aransas, Bexar, Calhoun, Matagorda, San Patricio, and Travis Counties.	☐ Yes ☐ No
♦	4.	The application area is applying for initial issuance, revision, or renewal of an oil and gas general operating permit under GOP No. 514 - Oil and Gas General Operating Permit for All Texas Counties Except Aransas, Bexar, Brazoria, Calhoun, Chambers, Collin, Dallas, Denton, El Paso, Ellis, Fort Bend, Galveston, Gregg, Hardin, Harris, Jefferson, Johnson, Kaufman, Liberty, Matagorda, Montgomery, Nueces, Orange, Parker, Rockwall, San Patricio, Tarrant, Travis, Victoria, Waller, and Wise County.	☐ Yes ☐ No
♦	5.	The application area is applying for initial issuance, revision, or renewal of a solid waste landfill general operating permit under GOP No. 517 - Municipal Solid Waste Landfill general operating permit.	☐ Yes ☐ No
	J.	**Title 30 TAC Chapter 101, Subchapter H**	
♦	1.	The application area is located in a nonattainment area. *If the response to Question XI.J.1 is "No," go to Question XI.J.3.*	☐ Yes ☒ No
♦	2.	The applicant has or will generate emission reductions to be credited in the TCEQ Emissions Banking and Trading Program.	☐ Yes ☐ No ☐ N/A
♦	3.	The applicant has or will generate discrete emission reductions to be credited in the TCEQ Emissions Banking and Trading Program.	☐ Yes ☒ No ☐ N/A

Date	Permit No.	Regulated Entity No.
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For SOP applications, answer ALL questions unless otherwise directed.
♦ For GOP applications, answer ONLY these questions unless otherwise directed.

XI.	**Miscellaneous (continued)**		
	J.	**Title 30 TAC Chapter 101, Subchapter H (continued)**	
♦	4.	The application area is located at a site in the Houston/Galveston/Brazoria nonattainment area where the facilities have a collective uncontrolled design capacity to emit 10 tpy or more of NO_X. *If the response to Question XI.J.4 is "Yes," go to Question XI.J.6.*	☐ Yes ☒ No
♦	5.	The application area is located at a site in the Houston/Galveston/Brazoria nonattainment area where the facilities previously had a collective uncontrolled design capacity to emit 10 tpy or more of NO_X and is subject to 101.351(c).	☐ Yes ☒ No
	6.	The application area includes an electric generating facility permitted under 30 TAC Chapter 116, Subchapter I.	☐ Yes ☒ No
♦	7.	The application area is located at a site in the Houston/Galveston/Brazoria nonattainment area and the site has a potential to emit more than 10 tpy of highly reactive volatile organic compounds (HRVOC) from facilities covered under 30 TAC Chapter 115, Subchapter H, Divisions 1 and 2.	☐ Yes ☒ No
♦	8.	The application area is located at a site in the Houston/Galveston/Brazoria nonattainment area, the site has a potential to emit 10 tpy or less of HRVOC from covered facilities and the applicant is opting to comply with the requirements of 30 TAC Chapter 101, Subchapter H, Division 6, Highly Reactive VOC Emissions Cap and Trade Program.	☐ Yes ☒ No
	K.	**Periodic Monitoring**	
♦	1.	The applicant or permit holder is submitting at least one periodic monitoring proposal described on Form OP-MON in this application. *If the response to Question XI.K.1 is "Yes," go to Section XI.L.*	☐ Yes ☒ No
♦	2.	The permit currently contains at least one periodic monitoring requirement. *If the responses to Questions XI.K.1 and XI.K.2 are both "No," go to Section XI.L.*	☐ Yes ☒ No
♦	3.	All periodic monitoring requirements are being removed from the permit with this application.	☐ Yes ☐ No

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For SOP applications, answer ALL questions unless otherwise directed.
♦ For GOP applications, answer ONLY these questions unless otherwise directed.

XI.	**Miscellaneous (continued)**		
	L.	**Compliance Assurance Monitoring**	
♦	1.	The application area includes at least one unit that does not meet the CAM exemptions in 40 CFR § 64.2(b) for all applicable requirements that it is subject to, and the unit has a pre-control device potential to emit greater than or equal to the amount in tons per year required in a site classified as a major source. *If the response to Question XI.L.1 is "No," go to Section XI.M.*	☐ Yes ☒ No
♦	2.	The unit or units defined by XI.L.1 are using a control device to comply with an applicable requirement. *If the response to Question XI.L.2 is "No," go to Section XI.M.*	☐ Yes ☐ No
♦	3.	The permit holder has submitted a CAM proposal on Form OP-MON in a previous application.	☐ Yes ☐ No
♦	4.	The owner/operator or permit holder is submitting a CAM proposal on Form OP-MON according to the deadlines for submittals in 40 CFR § 64.5 in this application. *If the responses to Questions XI.L.3 and XI.L.4 are both "No," go to Section XI.M.*	☐ Yes ☐ No
	5.	The owner/operator or permit holder is submitting a CAM implementation plan and schedule to be incorporated as enforceable conditions in the permit.	☐ Yes ☐ No
	6.	Provide the unit identification numbers for the units for which the applicant is submitting a CAM implementation plan and schedule in the space below.	
♦	7.	At least one unit defined by XI.L.1 and XI.L.2 is using a CEMS, COMS or PEMS meeting the requirements of 40 CFR § 64.3(d)(2).	☐ Yes ☐ No
♦	8.	All units defined by XI.L.1 and XI.L.2 are using a CEMS, COMS or PEMS meeting the requirements of 40 CFR § 64.3(d)(2). *If the response to Question XI.L.8 is "Yes," go to Section XI.M.*	☐ Yes ☐ No

Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1 (Page 85)
Federal Operating Permit Program
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
06/03/2026	TBA	RN112240379

For SOP applications, answer ALL questions unless otherwise directed.
♦ For GOP applications, answer ONLY these questions unless otherwise directed.

XI.	**Miscellaneous (continued)**		
	L.	**Compliance Assurance Monitoring (continued)**	
♦	9.	At least one of the CAM proposals as described by question XI.L.3 or XI.L.4 addresses particulate matter, and the emission unit has a capture system as defined in 40 CFR §64.1.	☐ Yes ☐ No
♦	10.	At least one of the CAM proposals as described by question XI.L.3 or XI.L.4 addresses VOC, and the emission unit has a capture system as defined in 40 CFR §64.1.	☐ Yes ☐ No
♦	11.	At least one of the CAM proposals as described by question XI.L.3 or XI.L.4 addresses a regulated pollutant other than particulate matter or VOC, and the emission unit has a capture system as defined in 40 CFR §64.1.	☐ Yes ☐ No
♦	12.	The control device in the CAM proposal as described by question XI.L.3 or XI.L.4 has a bypass.	☐ Yes ☐ No
	M.	**Title 30 TAC Chapter 113, Subchapter D, Division 5 - Emission Guidelines and Compliance Times**	
♦	1.	The application area includes at least one air curtain incinerator that commenced construction on or before December 9, 2004. *If the response to Question XI.M.1 is "No," or "N/A," go to Section XII.*	☐ Yes ☒ No ☐ N/A
♦	2.	All air curtain incinerators constructed on or before December 9, 2004 combust only wood waste, clean lumber, or yard waste or a mixture of these materials.	☐ Yes ☐ No
XII.	**New Source Review (NSR) Authorizations**		
	A.	**Waste Permits with Air Addendum**	
♦	1.	The application area includes a Municipal Solid Waste Permit or an Industrial Hazardous Waste with an Air Addendum. *If the response to XII.A.1 is "Yes," include the waste permit numbers and issuance date in Section XII.J.*	☐ Yes ☒ No

Date	Permit No.	Regulated Entity No.
06/03/2026	TBA	RN112240379

For SOP applications, answer ALL questions unless otherwise directed.
♦ For GOP applications, answer ONLY these questions unless otherwise directed.

XII.	**New Source Review (NSR) Authorizations (continued)**		
	B.	**Air Quality Standard Permits**	
♦	1.	The application area includes at least one Air Quality Standard Permit NSR authorization. *If the response to XII.B.1 is "No," go to Section XII.C. If the response to XII.B.1 is "Yes," be sure to include the standard permit's registration numbers in Section XII.H and answer XII.B.2 - B.16 as appropriate.*	☐ Yes ☒ No
♦	2.	The application area includes at least one "State Pollution Control Project" Air Quality Standard Permit NSR authorization under 30 TAC § 116.617.	☐ Yes ☐ No
♦	3.	The application area includes at least one non-rule Air Quality Standard Permit for Pollution Control Projects NSR authorization.	☐ Yes ☐ No
♦	4.	The application area includes at least one "Installation and/or Modification of Oil and Gas Facilities" Air Quality Standard Permit NSR authorization under 30 TAC § 116.620.	☐ Yes ☐ No
♦	5.	The application area includes at least one non-rule Air Quality Standard Permit for Oil and Gas Handling and Production Facilities NSR authorization.	☐ Yes ☐ No
♦	6.	The application area includes at least one "Municipal Solid Waste Landfill" Air Quality Standard Permit NSR authorization under 30 TAC § 116.621.	☐ Yes ☐ No
♦	7.	The application area includes at least one "Municipal Solid Waste Landfill Facilities and Transfer Stations" Standard Permit authorization under 30 TAC Chapter 330, Subchapter U.	☐ Yes ☐ No
	8.	The application area includes at least one "Concrete Batch Plant" Air Quality Standard Permit NSR authorization.	☐ Yes ☐ No
	9.	The application area includes at least one "Concrete Batch Plant with Enhanced Controls" Air Quality Standard Permit NSR authorization.	☐ Yes ☐ No
	10.	The application area includes at least one "Hot Mix Asphalt Plant" Air Quality Standard Permit NSR authorization.	☐ Yes ☐ No

Date	Permit No.	Regulated Entity No.
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For SOP applications, answer ALL questions unless otherwise directed.
♦ For GOP applications, answer ONLY these questions unless otherwise directed.

XII.	**New Source Review (NSR) Authorizations (continued)**		
	B.	**Air Quality Standard Permits (continued)**	
♦	11.	The application area includes at least one "Rock Crusher" Air Quality Standard Permit NSR authorization.	☐ Yes ☐ No
♦	12.	The application area includes at least one "Electric Generating Unit" Air Quality Standard Permit NSR authorization. *If the response to XII.B.12 is "No," go to Question XII.B.15.*	☐ Yes ☐ No
♦	13.	For purposes of "Electric Generating Unit" Air Quality Standard Permit, the application area is located in the East Texas Region.	☐ Yes ☐ No
♦	14.	For purposes of "Electric Generating Unit" Air Quality Standard Permit, the application area is located in the West Texas Region.	☐ Yes ☐ No
♦	15.	The application area includes at least one "Boiler" Air Quality Standard Permit NSR authorization.	☐ Yes ☐ No
♦	16.	The application area includes at least one "Sawmill" Air Quality Standard Permit NSR authorization.	☐ Yes ☐ No
	C.	**Flexible Permits**	
	1.	The application area includes at least one Flexible Permit NSR authorization.	☐ Yes ☒ No
	D.	**Multiple Plant Permits**	
	1.	The application area includes at least one Multi-Plant Permit NSR authorization.	☐ Yes ☒ No

Date	Permit No.	Regulated Entity No.
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For SOP applications, answer ALL questions unless otherwise directed.
♦ For GOP applications, answer ONLY these questions unless otherwise directed.

XII. NSR Authorizations (Attach additional sheets if necessary for sections XII.E-J.)

E. PSD Permits and PSD Major Pollutants

Permit No.	Issuance Date	Pollutant(s):	Permit No.	Issuance Date	Pollutant(s):
N/A					

If PSD Permits are held for the application area, please complete the Major NSR Summary Table located under the Technical Forms heading at: www.tceq.texas.gov/permitting/air/titlev/site/site_experts.html.

F. Nonattainment (NA) Permits and NA Major Pollutants

Permit No.	Issuance Date	Pollutant(s):	Permit No.	Issuance Date	Pollutant(s):
N/A					

If NA Permits are held for the application area, please complete the Major NSR Summary Table located under the Technical Forms heading at: www.tceq.texas.gov/permitting/air/titlev/site/site_experts.html.

G. NSR Authorizations with FCAA § 112(g) Requirements

NSR Permit No.	Issuance Date	NSR Permit No.	Issuance Date	NSR Permit No	Issuance Date
N/A					

Date	Permit No.	Regulated Entity No.
06/03/2026	TBA	RN112240379

For SOP applications, answer ALL questions unless otherwise directed.
♦ For GOP applications, answer ONLY these questions unless otherwise directed.

XII. NSR Authorizations (continued) - (Attach additional sheets if necessary for sections XII.E-J.)

♦ **H. Title 30 TAC Chapter 116 Permits, Special Permits, Standard Permits, Other Authorizations (Other Than Permits By Rule, PSD Permits, NA Permits) for the Application Area**

Authorization No.	Issuance Date	Authorization No.	Issuance Date	Authorization No.	Issuance Date
N/A					

♦ **I. Permits by Rule (30 TAC Chapter 106) for the Application Area**

A list of selected Permits by Rule (previously referred to as standard exemptions) that are required to be listed in the FOP application is available in the instructions.

PBR No.	Version No./Date	PBR No.	Version No./Date	PBR No.	Version No./Date
106.511	09/04/2000	106.472	09/04/2000		

♦ **J. Municipal Solid Waste and Industrial Hazardous Waste Permits with an Air Addendum**

Permit No.	Issuance Date	Permit No.	Issuance Date	Permit No.	Issuance Date
N/A					

OP-REQ2 - Negative Applicable Requirement Determinations Form

Stationary Reciprocating Internal Combustions Engine Attributes
Federal Operating Permit Program
Texas Commission on Environmental Quality

Form OP-REQ2 - Negative Applicable/Superseded Requirement Determinations

Unit AI	Revision No.	Unit ID No.	Potentially Applicable Regulatory Name	Negative Applicability/Superseded Requirement Citation	Negative Applicability/Superseded Requirement Reason
		GRP-GEN1	30 TAC Chapter 112, Sulfur Compounds	§ 112.9(a)	Not a steam generator, furnace, or heater.
		GRP-GEN2	30 TAC Chapter 112, Sulfur Compounds	§ 112.9(a)	Not a steam generator, furnace, or heater.

Storage Tank/Vessel Attributes
Federal Operating Permit Program
Texas Commission on Environmental Quality

Form OP-REQ2 - Negative Applicable/Superseded Requirement Determinations

Unit AI	Revision No.	Unit ID No.	Potentially Applicable Regulatory Name	Negative Applicability/Superseded Requirement Citation	Negative Applicability/Superseded Requirement Reason
		GRP-TANK	40 CFR Part 60, Subpart K	40 CFR 60.110(c)	All tanks are constructed after 1978 with a storage capacity less than 40,000 gallons.
		GRP-TANK	40 CFR Part 60, Subpart Ka	40 CFR 60.110a(a)	All tanks are constructed after 1984 with a storage capacity less than 40,000 gallons.
		GRP-TANK	40 CFR Part 60, Subpart Kb	40 CFR 60.110b(a)	All tanks are constructed after 2023 with a storage capacity less than 20,000 gallons.
		GRP-TANK	**40 CFR Part 60, Subpart Kc**	40 CFR 60.110c(a)	All tanks have a storage capacity less than 20,000 gallons.

OP-REQ3 - Applicable Requirements Summary Form

Applicable Requirements Summary
Form OP-REQ3 (Page 1)
Federal Operating Permit Program

Table 1a: Additions

Date: 06/03/2026	Regulated Entity No.: RN112240379	Permit No.: TBA
Company Name: CyrusOne LLC	Area Name: DFW10 DFW11 DFW17a DFW17b DFW17c	

Revision No.	Unit/Group/Process ID No.	Unit/Group/Process Applicable Form	SOP/GOP Index No	Pollutant	Applicable Regulatory Requirement Name	Applicable Regulatory Requirement Standard(s)
	GRP-GEN1	UA2	63ZZZZ-GEN1	HAPS	NESHAP ZZZZ	63.6590(c)
	GRP-GEN1	UA2	60IIII-GEN1	NMHC+NOX	NSPS IIII	§60.4202(b)(2) 1039-Appendix I §60.4205(b) §60.4206 §60.4207(b) [G]§60.4211(a) §60.4211(c) [G]§60.4211(f)
	GRP-GEN1	UA2	60IIII-GEN1	CO	NSPS IIII	§60.4202(b)(2) 1039-Appendix I §60.4205(b) §60.4206 §60.4207(b) [G]§60.4211(a) §60.4211(c) [G]§60.4211(f)

	GRP-GEN1	UA2	60IIII-GEN1	PM	NSPS IIII	§60.4202(b)(2) 1039-Appendix I §60.4205(b) §60.4206 §60.4207(b) [G]§60.4211(a) §60.4211(c) [G]§60.4211(f)
	GRP-GEN1	UA2	60IIII-GEN1	Opacity	NSPS IIII	§60.4202(b)(2) §1039.105(b)(1)-(3) §60.4205(b) §60.4206 §60.4207(b) [G]§60.4211(a) §60.4211(c) [G]§60.4211(f)
	GRP-GEN2	UA2	63ZZZZ-GEN2	HAPS	NESHAP ZZZZ	63.6590(c)
	GRP-GEN2	UA2	60IIII-GEN2	NMHC+NOX	NSPS IIII	§60.4202(a)(2) 1039-Appendix I §60.4205(b) §60.4206 §60.4207(b) [G]§60.4211(a) §60.4211(c) [G]§60.4211(f)
	GRP-GEN2	UA2	60IIII-GEN2	CO	NSPS IIII	§60.4202(a)(2) 1039-Appendix I §60.4205(b) §60.4206 §60.4207(b) [G]§60.4211(a) §60.4211(c) [G]§60.4211(f)

	GRP-GEN2	UA2	60IIII-GEN2	PM	NSPS IIII	§60.4202(a)(2) 1039-Appendix I §60.4205(b) §60.4206 §60.4207(b) [G]§60.4211(a) §60.4211(c) [G]§60.4211(f)
	GRP-GEN2	UA2	60IIII-GEN2	Opacity	NSPS IIII	§60.4202(a)(2) §1039.105(b)(1)-(3) §60.4205(b) §60.4206 §60.4207(b) [G]§60.4211(a) §60.4211(c) [G]§60.4211(f)

Applicable Requirements Summary
Form OP-REQ3 (Page 2)
Federal Operating Permit Program

Table 1b: Additions

Date: 06/03/2026	Regulated Entity No.: RN112240379	Permit No.: TBA
Company Name: CyrusOne LLC	Area Name: DFW10 DFW11 DFW17a DFW17b DFW17c	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	GRP-GEN1	63ZZZZ-GEN1	HAPS	None	None	None
	GRP-GEN1	60IIII-GEN1	NMHC+ NOX	§60.4209(a)	§60.4214(b)	[G] §60.4214(d)
	GRP-GEN1	60IIII-GEN1	CO	§60.4209(a)	§60.4214(b)	[G] §60.4214(d)
	GRP-GEN1	60IIII-GEN1	PM	§60.4209(a)	§60.4214(b)	[G] §60.4214(d)
	GRP-GEN1	60IIII-GEN1	Opacity	§60.4209(a)	§60.4214(b)	[G] §60.4214(d)
	GRP-GEN2	63ZZZZ-GEN1	HAPS	None	None	None
	GRP-GEN2	60IIII-GEN2	NMHC+ NOX	§60.4209(a)	§60.4214(b)	[G] §60.4214(d)
	GRP-GEN2	60IIII-GEN2	CO	§60.4209(a)	§60.4214(b)	[G] §60.4214(d)
	GRP-GEN2	60IIII-GEN2	PM	§60.4209(a)	§60.4214(b)	[G] §60.4214(d)
	GRP-GEN2	60IIII-GEN2	Opacity	§60.4209(a)	§60.4214(b)	[G] §60.4214(d)

Applicable Requirements Summary
Form OP-REQ3 (Page 3)
Federal Operating Permit Program

Table 2a: Deletions

Date:	Regulated Entity No.:	Permit No.:
Company Name:	Area Name:	

Revision No.	Unit/Group/Process ID No.	Unit/Group/Process Applicable Form	SOP/GOP Index No.	Pollutant	Applicable Regulatory Requirement Name	Applicable Regulatory Requirement Standard(s)

Applicable Requirements Summary
Form OP-REQ3 (Page 4)
Federal Operating Permit Program

Table 2b: Deletions

Date:	Regulated Entity No.:	Permit No.:
Company Name:	Area Name:	

Revision No.	Unit/Group/Process ID No.	Unit/Group/Process Applicable Form	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements

OP-ACPS – Application Compliance Plan and Schedule

Texas Commission on Environmental Quality
Form OP-ACPS
Application Compliance Plan and Schedule

Date: 06/03/2026	**Regulated Entity No.:** RN112240379	**Permit No.:** TBA
Company Name: CyrusOne LLC		**Area Name:** DFW10 DFW11 DFW17a DFW17b DFW

- Part 1 of this form must be submitted with all initial FOP applications and renewal applications.
- The Responsible Official must use Form OP-CRO1 (Certification by Responsible Official) to certify information contained in this form in accordance with 30 TAC § 122.132(d)(8).

Part 1

A.	**Compliance Plan — Future Activity Committal Statement**	
The *Responsible Official* commits, utilizing reasonable effort, to the following: As the responsible official it is my intent that all emission units shall continue to be in compliance with all applicable requirements they are currently in compliance with, and all emission units shall be in compliance by the compliance dates with any applicable requirements that become effective during the permit term.		
B.	**Compliance Certification - Statement for Units in Compliance* (Indicate response by entering an "X" in the appropriate column)**	
1.	With the exception of those emission units listed in the Compliance Schedule section of this form (Part 2, below), and based, at minimum, on the compliance method specified in the associated applicable requirements, are all emission units addressed in this application in compliance with all their respective applicable requirements as identified in this application?	☒ YES ☐ NO
2.	Are there any non-compliance situations addressed in the Compliance Schedule Section of this form (Part 2)?	☐ YES ☒ NO
3.	If the response to Item B.2, above, is "Yes," indicate the total number of Part 2 attachments included in this submittal. *(For reference only)*	0
*	*For Site Operating Permits (SOPs), the complete application should be consulted for applicable requirements and their corresponding emission units when assessing compliance status.* *For General Operating Permits (GOPs), the application documentation, particularly Form OP-REQ1 should be consulted as well as the requirements contained in the appropriate General Permits portion of 30 TAC Chapter 122.* *Compliance should be assessed based, at a minimum, on the required monitoring, testing, record keeping, and/or reporting requirements, as appropriate, associated with the applicable requirement in question.*	

Texas Commission on Environmental Quality
Form OP-ACPS
Application Compliance Plan and Schedule

Date: 06/03/2026	**Regulated Entity No.:** RN112240379	**Permit No.:** TBA
Company Name: CyrusOne LLC		**Area Name:** DFW10 DFW11 DFW17a DFW17b DFW

Part 2

A. Compliance Schedule

If there are non-compliance situations ongoing at time of application, then complete a separate OP-ACPS Part 2 for each separate non-compliance situation. *(See form instruction for details.)* If there are no non-compliance situations ongoing at time of application, then this section is not required to be completed.

1. Specific Non-Compliance Situation

Unit/Group/Process ID No.(s):

SOP Index No.:

Pollutant:

Applicable Requirement

Citation	Text Description

2. Compliance Status Assessment Method and Records Location

Citation	Text Description	Location of Records/Documentation

3. Non-compliance Situation Description

4. Corrective Action Plan Description

5. List of Activities/Milestones to Implement the Corrective Action Plan

Texas Commission on Environmental Quality
Form OP-ACPS
Application Compliance Plan and Schedule

Date: 06/03/2026	**Regulated Entity No.:** RN112240379	**Permit No.:** TBA
Company Name: CyrusOne LLC		**Area Name:** DFW10 DFW11 DFW17a DFW17b DFW

Part 2 (*continued)*

6. Previously Submitted Compliance Plan(s)	
Type of Action	**Date Submitted**
7. Progress Report Submission Schedule	

Reset Form

OP-SUM – Individual Unit Summary

Stationary Reciprocating Internal Combustions Engine Attributes
Federal Operating Permit Program
Texas Commission on Environmental Quality

Form OP-SUM - Individual Unit Summary
Table 1

Unit AI	Revision No.	Unit ID No.	Group ID No.	Unit Name/Description	CAM	PCA AI	Preconstruction Authorization (PCA) Category	Authorization/ Registration Number	Permit By Rule (PBR) Number	PBR Effective Date
		GEN 10 001	GRP-GEN1	Emergency Critical Generator 1 ENG1 - DFW10			PBR	180711	106.511	09/04/2000
		GEN 10 002	GRP-GEN1	Emergency Critical Generator 2 ENG2 - DFW10			PBR	180711	106.511	09/04/2000
		GEN 10 003	GRP-GEN1	Emergency Critical Generator 3 ENG3 - DFW10			PBR	180711	106.511	09/04/2000
		GEN 10 004	GRP-GEN1	Emergency Critical Generator 4 ENG4 - DFW10			PBR	180711	106.511	09/04/2000
		GEN 10 005	GRP-GEN1	Emergency Critical Generator 5 ENG5 - DFW10			PBR	180711	106.511	09/04/2000
		GEN 10 006	GRP-GEN1	Emergency Critical Generator 6 ENG6 - DFW10			PBR	180711	106.511	09/04/2000
		GEN 10 007	GRP-GEN1	Emergency Critical Generator 7 ENG7 - DFW10			PBR	180711	106.511	09/04/2000
		GEN 10 008	GRP-GEN1	Emergency Critical Generator 8 ENG8 - DFW10			PBR	180711	106.511	09/04/2000
		GEN 10 009	GRP-GEN1	Emergency Critical Generator 9 ENG9 - DFW10			PBR	180711	106.511	09/04/2000
		GEN 10 010	GRP-GEN1	Emergency Critical Generator 10 ENG10 - DFW10			PBR	180711	106.511	09/04/2000

Stationary Reciprocating Internal Combustions Engine Attributes
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Form OP-SUM - Individual Unit Summary
Table 1

Unit AI	Revision No.	Unit ID No.	Group ID No.	Unit Name/Description	CAM	PCA AI	Preconstruction Authorization (PCA) Category	Authorization/ Registration Number	Permit By Rule (PBR) Number	PBR Effective Date
		GEN 10 011	GRP-GEN1	Emergency Critical Generator 11 ENG11 - DFW10			PBR	180711	106.511	09/04/2000
		GEN 10 012	GRP-GEN1	Emergency Critical Generator 12 ENG12 - DFW10			PBR	180711	106.511	09/04/2000
		GEN 10 013	GRP-GEN1	Emergency Critical Generator 13 ENG13 - DFW10			PBR	180711	106.511	09/04/2000
		GEN 10 014	GRP-GEN1	Emergency Critical Generator 14 ENG14 - DFW10			PBR	180711	106.511	09/04/2000
		GEN 10 015	GRP-GEN1	Emergency Critical Generator 15 ENG15 - DFW10			PBR	180711	106.511	09/04/2000
		GEN 10 016	GRP-GEN1	Emergency Critical Generator 16 ENG16 - DFW10			PBR	180711	106.511	09/04/2000
		GEN 10 017	GRP-GEN1	Emergency Critical Generator 17 ENG17 - DFW10			PBR	180711	106.511	09/04/2000
		GEN 10 018	GRP-GEN1	Emergency Critical Generator 18 ENG18 - DFW10			PBR	180711	106.511	09/04/2000
		GEN 10 019	GRP-GEN1	Emergency Critical Generator 19 ENG19 - DFW10			PBR	180711	106.511	09/04/2000
		GEN 10 020	GRP-GEN1	Emergency Critical Generator 20 ENG20 - DFW10			PBR	180711	106.511	09/04/2000

Stationary Reciprocating Internal Combustions Engine Attributes
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Form OP-SUM - Individual Unit Summary
Table 1

Unit AI	Revision No.	Unit ID No.	Group ID No.	Unit Name/Description	CAM	PCA AI	Preconstruction Authorization (PCA) Category	Authorization/ Registration Number	Permit By Rule (PBR) Number	PBR Effective Date
		GEN 10 021	GRP-GEN1	Emergency Critical Generator 21 ENG21 - DFW10			PBR	180711	106.511	09/04/2000
		GEN 10 022	GRP-GEN1	Emergency Critical Generator 22 ENG22 - DFW10			PBR	180711	106.511	09/04/2000
		GEN 10 023	GRP-GEN1	Emergency Critical Generator 23 ENG23 - DFW10			PBR	180711	106.511	09/04/2000
		GEN 10 024	GRP-GEN1	Emergency Critical Generator 24 ENG24 - DFW10			PBR	180711	106.511	09/04/2000
		GEN 10 025	GRP-GEN1	Emergency Critical Generator 25 ENG25 - DFW10			PBR	180711	106.511	09/04/2000
		GEN 10 026	GRP-GEN1	Emergency Critical Generator 26 ENG26 - DFW10			PBR	180711	106.511	09/04/2000
		GEN 10 027	GRP-GEN1	Emergency Critical Generator 27 ENG27 - DFW10			PBR	180711	106.511	09/04/2000
		GEN 10 028	GRP-GEN1	Emergency Critical Generator 28 ENG28 - DFW10			PBR	180711	106.511	09/04/2000
		GEN 10 029	GRP-GEN1	Emergency Critical Generator 29 ENG29 - DFW10			PBR	180711	106.511	09/04/2000
		GEN 10 030	GRP-GEN1	Emergency Critical Generator 30 ENG30 - DFW10			PBR	180711	106.511	09/04/2000

Stationary Reciprocating Internal Combustions Engine Attributes
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Form OP-SUM - Individual Unit Summary
Table 1

Unit AI	Revision No.	Unit ID No.	Group ID No.	Unit Name/Description	CAM	PCA AI	Preconstruction Authorization (PCA) Category	Authorization/ Registration Number	Permit By Rule (PBR) Number	PBR Effective Date
		GEN 10 031	GRP-GEN1	Emergency Critical Generator 31 ENG31 - DFW10			PBR	180711	106.511	09/04/2000
		GEN 10 032	GRP-GEN1	Emergency Critical Generator 32 ENG32 - DFW10			PBR	180711	106.511	09/04/2000
		GEN 10 033	GRP-GEN1	Emergency Critical Generator 33 ENG33 - DFW10			PBR	180711	106.511	09/04/2000
		GEN 10 034	GRP-GEN1	Emergency Critical Generator 34 ENG34 - DFW10			PBR	180711	106.511	09/04/2000
		GEN 10 035	GRP-GEN1	Emergency Critical Generator 35 ENG35 - DFW10			PBR	180711	106.511	09/04/2000
		GEN 10 036	GRP-GEN1	Emergency Critical Generator 36 ENG36 - DFW10			PBR	180711	106.511	09/04/2000
		GEN 10 037	GRP-GEN1	Emergency Critical Generator 37 ENG37 - DFW10			PBR	180711	106.511	09/04/2000
		GEN 10 038	GRP-GEN1	Emergency Critical Generator 38 ENG38 - DFW10			PBR	180711	106.511	09/04/2000
		GEN 10 039	GRP-GEN1	Emergency Critical Generator 39 ENG39 - DFW10			PBR	180711	106.511	09/04/2000
		GEN 10 040	GRP-GEN1	Emergency Critical Generator 40 ENG40 - DFW10			PBR	180711	106.511	09/04/2000

Stationary Reciprocating Internal Combustions Engine Attributes
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Form OP-SUM - Individual Unit Summary
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Unit AI	Revision No.	Unit ID No.	Group ID No.	Unit Name/Description	CAM	PCA AI	Preconstruction Authorization (PCA) Category	Authorization/ Registration Number	Permit By Rule (PBR) Number	PBR Effective Date
		GEN 10 041	GRP-GEN1	Emergency Critical Generator 41 ENG41 - DFW10			PBR	180711	106.511	09/04/2000
		GEN 10 042	GRP-GEN1	Emergency Critical Generator 42 ENG42 - DFW10			PBR	180711	106.511	09/04/2000
		GEN 10 043	GRP-GEN1	Emergency Critical Generator 43 ENG43 - DFW10			PBR	180711	106.511	09/04/2000
		GEN 10 044	GRP-GEN1	Emergency Critical Generator 44 ENG44 - DFW10			PBR	180711	106.511	09/04/2000
		GEN 10 045	GRP-GEN1	Emergency Critical Generator 45 ENG45 - DFW10			PBR	180711	106.511	09/04/2000
		GEN 10 046	GRP-GEN1	Emergency Critical Generator 46 ENG46 - DFW10			PBR	180711	106.511	09/04/2000
		GEN 10 047	GRP-GEN1	Emergency Critical Generator 47 ENG47 - DFW10			PBR	180711	106.511	09/04/2000
		GEN 10 048	GRP-GEN1	Emergency Critical Generator 48 ENG48 - DFW10			PBR	180711	106.511	09/04/2000
		GEN 10 049	GRP-GEN1	Emergency Critical Generator 49 ENG49 - DFW10			PBR	180711	106.511	09/04/2000
		GEN 10 050	GRP-GEN1	Emergency Critical Generator 50 ENG50 - DFW10			PBR	180711	106.511	09/04/2000

Stationary Reciprocating Internal Combustions Engine Attributes
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Unit AI	Revision No.	Unit ID No.	Group ID No.	Unit Name/Description	CAM	PCA AI	Preconstruction Authorization (PCA) Category	Authorization/ Registration Number	Permit By Rule (PBR) Number	PBR Effective Date
		GEN 10 051	GRP-GEN1	Emergency Critical Generator 51 ENG51 - DFW10			PBR	180711	106.511	09/04/2000
		GEN 10 052	GRP-GEN1	Emergency Critical Generator 52 ENG52 - DFW10			PBR	180711	106.511	09/04/2000
		GEN 10 053	GRP-GEN1	Emergency Critical Generator 53 ENG53 - DFW10			PBR	180711	106.511	09/04/2000
		GEN 10 054	GRP-GEN1	Emergency Critical Generator 54 ENG54 - DFW10			PBR	180711	106.511	09/04/2000
		GEN 10 055	GRP-GEN1	Emergency Critical Generator 55 ENG55 - DFW10			PBR	180711	106.511	09/04/2000
		GEN 10 056	GRP-GEN1	Emergency Critical Generator 56 ENG56 - DFW10			PBR	180711	106.511	09/04/2000
		GEN 11 057	GRP-GEN1	Emergency Critical Generator 57 ENG57 - DFW11			PBR	180711	106.511	09/04/2000
		GEN 11 058	GRP-GEN1	Emergency Critical Generator 58 ENG58 - DFW11			PBR	180711	106.511	09/04/2000
		GEN 11 059	GRP-GEN1	Emergency Critical Generator 59 ENG59 - DFW11			PBR	180711	106.511	09/04/2000
		GEN 11 060	GRP-GEN1	Emergency Critical Generator 60 ENG60 - DFW11			PBR	180711	106.511	09/04/2000

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Unit AI	Revision No.	Unit ID No.	Group ID No.	Unit Name/Description	CAM	PCA AI	Preconstruction Authorization (PCA) Category	Authorization/ Registration Number	Permit By Rule (PBR) Number	PBR Effective Date
		GEN 11 061	GRP-GEN1	Emergency Critical Generator 61 ENG61 - DFW11			PBR	180711	106.511	09/04/2000
		GEN 11 062	GRP-GEN1	Emergency Critical Generator 62 ENG62 - DFW11			PBR	180711	106.511	09/04/2000
		GEN 11 063	GRP-GEN1	Emergency Critical Generator 63 ENG63 - DFW11			PBR	180711	106.511	09/04/2000
		GEN 11 064	GRP-GEN1	Emergency Critical Generator 64 ENG64 - DFW11			PBR	180711	106.511	09/04/2000
		GEN 11 065	GRP-GEN1	Emergency Critical Generator 65 ENG65 - DFW11			PBR	180711	106.511	09/04/2000
		GEN 11 066	GRP-GEN1	Emergency Critical Generator 66 ENG66 - DFW11			PBR	180711	106.511	09/04/2000
		GEN 11 067	GRP-GEN1	Emergency Critical Generator 67 ENG67 - DFW11			PBR	180711	106.511	09/04/2000
		GEN 11 068	GRP-GEN1	Emergency Critical Generator 68 ENG68 - DFW11			PBR	180711	106.511	09/04/2000
		GEN 11 069	GRP-GEN1	Emergency Critical Generator 69 ENG69 - DFW11			PBR	180711	106.511	09/04/2000
		GEN 11 070	GRP-GEN1	Emergency Critical Generator 70 ENG70 - DFW11			PBR	180711	106.511	09/04/2000

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Unit AI	Revision No.	Unit ID No.	Group ID No.	Unit Name/Description	CAM	PCA AI	Preconstruction Authorization (PCA) Category	Authorization/ Registration Number	Permit By Rule (PBR) Number	PBR Effective Date
		GEN 11 071	GRP-GEN1	Emergency Critical Generator 71 ENG71 - DFW11			PBR	180711	106.511	09/04/2000
		GEN 11 072	GRP-GEN1	Emergency Critical Generator 72 ENG72 - DFW11			PBR	180711	106.511	09/04/2000
		GEN 11 073	GRP-GEN1	Emergency Critical Generator 73 ENG73 - DFW11			PBR	180711	106.511	09/04/2000
		GEN 11 074	GRP-GEN1	Emergency Critical Generator 74 ENG74 - DFW11			PBR	180711	106.511	09/04/2000
		GEN 11 075	GRP-GEN1	Emergency Critical Generator 75 ENG75 - DFW11			PBR	180711	106.511	09/04/2000
		GEN 11 076	GRP-GEN1	Emergency Critical Generator 76 ENG76 - DFW11			PBR	180711	106.511	09/04/2000
		GEN 11 077	GRP-GEN1	Emergency Critical Generator 77 ENG77 - DFW11			PBR	180711	106.511	09/04/2000
		GEN 11 078	GRP-GEN1	Emergency Critical Generator 78 ENG78 - DFW11			PBR	180711	106.511	09/04/2000
		GEN 11 079	GRP-GEN1	Emergency Critical Generator 79 ENG79 - DFW11			PBR	180711	106.511	09/04/2000
		GEN 11 080	GRP-GEN1	Emergency Critical Generator 80 ENG80 - DFW11			PBR	180711	106.511	09/04/2000

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Unit AI	Revision No.	Unit ID No.	Group ID No.	Unit Name/Description	CAM	PCA AI	Preconstruction Authorization (PCA) Category	Authorization/ Registration Number	Permit By Rule (PBR) Number	PBR Effective Date
		GEN 11 081	GRP-GEN1	Emergency Critical Generator 81 ENG81 - DFW11			PBR	180711	106.511	09/04/2000
		GEN 11 082	GRP-GEN1	Emergency Critical Generator 82 ENG82 - DFW11			PBR	180711	106.511	09/04/2000
		GEN 11 083	GRP-GEN1	Emergency Critical Generator 83 ENG83 - DFW11			PBR	180711	106.511	09/04/2000
		GEN 11 084	GRP-GEN1	Emergency Critical Generator 84 ENG84 - DFW11			PBR	180711	106.511	09/04/2000
		GEN 11 085	GRP-GEN1	Emergency Critical Generator 85 ENG85 - DFW11			PBR	180711	106.511	09/04/2000
		GEN 11 086	GRP-GEN1	Emergency Critical Generator 86 ENG86 - DFW11			PBR	180711	106.511	09/04/2000
		GEN 11 087	GRP-GEN1	Emergency Critical Generator 87 ENG87 - DFW11			PBR	180711	106.511	09/04/2000
		GEN 11 088	GRP-GEN1	Emergency Critical Generator 88 ENG88 - DFW11			PBR	180711	106.511	09/04/2000
		GEN 11 089	GRP-GEN1	Emergency Critical Generator 89 ENG89 - DFW11			PBR	180711	106.511	09/04/2000
		GEN 11 090	GRP-GEN1	Emergency Critical Generator 90 ENG90 - DFW11			PBR	180711	106.511	09/04/2000

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Table 1

Unit AI	Revision No.	Unit ID No.	Group ID No.	Unit Name/Description	CAM	PCA AI	Preconstruction Authorization (PCA) Category	Authorization/ Registration Number	Permit By Rule (PBR) Number	PBR Effective Date
		GEN 11 091	GRP-GEN1	Emergency Critical Generator 91 ENG91 - DFW11			PBR	180711	106.511	09/04/2000
		GEN 11 092	GRP-GEN1	Emergency Critical Generator 92 ENG92 - DFW11			PBR	180711	106.511	09/04/2000
		GEN 11 093	GRP-GEN1	Emergency Critical Generator 93 ENG93 - DFW11			PBR	180711	106.511	09/04/2000
		GEN 11 094	GRP-GEN1	Emergency Critical Generator 94 ENG94 - DFW11			PBR	180711	106.511	09/04/2000
		GEN 11 095	GRP-GEN1	Emergency Critical Generator 95 ENG95 - DFW11			PBR	180711	106.511	09/04/2000
		GEN 11 096	GRP-GEN1	Emergency Critical Generator 96 ENG96 - DFW11			PBR	180711	106.511	09/04/2000
		GEN 11 097	GRP-GEN1	Emergency Critical Generator 97 ENG97 - DFW11			PBR	180711	106.511	09/04/2000
		GEN 11 098	GRP-GEN1	Emergency Critical Generator 98 ENG98 - DFW11			PBR	180711	106.511	09/04/2000
		GEN 11 099	GRP-GEN1	Emergency Critical Generator 99 ENG99 - DFW11			PBR	180711	106.511	09/04/2000
		GEN 11 100	GRP-GEN1	Emergency Critical Generator 100 ENG100 - DFW11			PBR	180711	106.511	09/04/2000

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Unit AI	Revision No.	Unit ID No.	Group ID No.	Unit Name/Description	CAM	PCA AI	Preconstruction Authorization (PCA) Category	Authorization/ Registration Number	Permit By Rule (PBR) Number	PBR Effective Date
		GEN 11 101	GRP-GEN1	Emergency Critical Generator 101 ENG101 - DFW11			PBR	180711	106.511	09/04/2000
		GEN 11 102	GRP-GEN1	Emergency Critical Generator 102 ENG102 - DFW11			PBR	180711	106.511	09/04/2000
		GEN 11 103	GRP-GEN1	Emergency Critical Generator 103 ENG103 - DFW11			PBR	180711	106.511	09/04/2000
		GEN 11 104	GRP-GEN1	Emergency Critical Generator 104 ENG104 - DFW11			PBR	180711	106.511	09/04/2000
		GEN 11 105	GRP-GEN1	Emergency Critical Generator 105 ENG105 - DFW11			PBR	180711	106.511	09/04/2000
		GEN 11 106	GRP-GEN1	Emergency Critical Generator 106 ENG106 - DFW11			PBR	180711	106.511	09/04/2000
		GEN 11 107	GRP-GEN1	Emergency Critical Generator 107 ENG107 - DFW11			PBR	180711	106.511	09/04/2000
		GEN 11 108	GRP-GEN1	Emergency Critical Generator 108 ENG108 - DFW11			PBR	180711	106.511	09/04/2000
		GEN 11 109	GRP-GEN1	Emergency Critical Generator 109 ENG109 - DFW11			PBR	180711	106.511	09/04/2000
		GEN 11 110	GRP-GEN1	Emergency Critical Generator 110 ENG110 - DFW11			PBR	180711	106.511	09/04/2000

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Unit AI	Revision No.	Unit ID No.	Group ID No.	Unit Name/Description	CAM	PCA AI	Preconstruction Authorization (PCA) Category	Authorization/ Registration Number	Permit By Rule (PBR) Number	PBR Effective Date
		GEN 11 111	GRP-GEN1	Emergency Critical Generator 111 ENG111 - DFW11			PBR	180711	106.511	09/04/2000
		GEN 11 112	GRP-GEN1	Emergency Critical Generator 112 ENG112 - DFW11			PBR	180711	106.511	09/04/2000
		HGN 10 001	GRP-GEN1	Emergency House Generator 1 ENG1 - DFW10			PBR	180711	106.511	09/04/2000
		HGN 11 001	GRP-GEN2	Emergency House Generator 1 ENG1 - DFW11			PBR	180711	106.511	09/04/2000
		HGN 11 002	GRP-GEN2	Emergency House Generator 2 ENG2 - DFW11			PBR	180711	106.511	09/04/2000

Storage Tank/Vessel Attributes
Federal Operating Permit Program
Texas Commission on Environmental Quality

Form OP-SUM - Individual Unit Summary
Table 1

Unit AI	Revision No.	Unit ID No.	Group ID No.	Unit Name/Description	CAM	PCA AI	Preconstruction Authorization (PCA) Category	Authorization/ Registration Number	Permit By Rule (PBR) Number	PBR Effective Date
		TK 10 G001	GRP-TANK	Diesel Belly Tank 1 GEN001 - DFW10			PBR		106.472	09/04/2000
		TK 10 G002	GRP-TANK	Diesel Belly Tank 2 GEN002 - DFW10			PBR		106.472	09/04/2000
		TK 10 G003	GRP-TANK	Diesel Belly Tank 3 GEN003 - DFW10			PBR		106.472	09/04/2000
		TK 10 G004	GRP-TANK	Diesel Belly Tank 4 GEN004 - DFW10			PBR		106.472	09/04/2000
		TK 10 G005	GRP-TANK	Diesel Belly Tank 5 GEN005 - DFW10			PBR		106.472	09/04/2000
		TK 10 G006	GRP-TANK	Diesel Belly Tank 6 GEN006 - DFW10			PBR		106.472	09/04/2000
		TK 10 G007	GRP-TANK	Diesel Belly Tank 7 GEN007 - DFW10			PBR		106.472	09/04/2000
		TK 10 G008	GRP-TANK	Diesel Belly Tank 8 GEN008 - DFW10			PBR		106.472	09/04/2000
		TK 10 G009	GRP-TANK	Diesel Belly Tank 9 GEN009 - DFW10			PBR		106.472	09/04/2000
		TK 10 G010	GRP-TANK	Diesel Belly Tank 10 GEN010 - DFW10			PBR		106.472	09/04/2000
		TK 10 G011	GRP-TANK	Diesel Belly Tank 11 GEN011 - DFW10			PBR		106.472	09/04/2000
		TK 10 G012	GRP-TANK	Diesel Belly Tank 12 GEN012 - DFW10			PBR		106.472	09/04/2000
		TK 10 G013	GRP-TANK	Diesel Belly Tank 13 GEN013 - DFW10			PBR		106.472	09/04/2000
		TK 10 G014	GRP-TANK	Diesel Belly Tank 14 GEN014 - DFW10			PBR		106.472	09/04/2000
		TK 10 G015	GRP-TANK	Diesel Belly Tank 15 GEN015 - DFW10			PBR		106.472	09/04/2000

Storage Tank/Vessel Attributes
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Unit AI	Revision No.	Unit ID No.	Group ID No.	Unit Name/Description	CAM	PCA AI	Preconstruction Authorization (PCA) Category	Authorization/ Registration Number	Permit By Rule (PBR) Number	PBR Effective Date
		TK 10 G016	GRP-TANK	Diesel Belly Tank 16 GEN016 - DFW10			PBR		106.472	09/04/2000
		TK 10 G017	GRP-TANK	Diesel Belly Tank 17 GEN017 - DFW10			PBR		106.472	09/04/2000
		TK 10 G018	GRP-TANK	Diesel Belly Tank 18 GEN018 - DFW10			PBR		106.472	09/04/2000
		TK 10 G019	GRP-TANK	Diesel Belly Tank 19 GEN019 - DFW10			PBR		106.472	09/04/2000
		TK 10 G020	GRP-TANK	Diesel Belly Tank 20 GEN020 - DFW10			PBR		106.472	09/04/2000
		TK 10 G021	GRP-TANK	Diesel Belly Tank 21 GEN021 - DFW10			PBR		106.472	09/04/2000
		TK 10 G022	GRP-TANK	Diesel Belly Tank 22 GEN022 - DFW10			PBR		106.472	09/04/2000
		TK 10 G023	GRP-TANK	Diesel Belly Tank 23 GEN023 - DFW10			PBR		106.472	09/04/2000
		TK 10 G024	GRP-TANK	Diesel Belly Tank 24 GEN024 - DFW10			PBR		106.472	09/04/2000
		TK 10 G025	GRP-TANK	Diesel Belly Tank 25 GEN025 - DFW10			PBR		106.472	09/04/2000
		TK 10 G026	GRP-TANK	Diesel Belly Tank 26 GEN026 - DFW10			PBR		106.472	09/04/2000
		TK 10 G027	GRP-TANK	Diesel Belly Tank 27 GEN027 - DFW10			PBR		106.472	09/04/2000
		TK 10 G028	GRP-TANK	Diesel Belly Tank 28 GEN028 - DFW10			PBR		106.472	09/04/2000
		TK 10 G029	GRP-TANK	Diesel Belly Tank 29 GEN029 - DFW10			PBR		106.472	09/04/2000
		TK 10 G030	GRP-TANK	Diesel Belly Tank 30 GEN030 - DFW10			PBR		106.472	09/04/2000

Storage Tank/Vessel Attributes
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Unit AI	Revision No.	Unit ID No.	Group ID No.	Unit Name/Description	CAM	PCA AI	Preconstruction Authorization (PCA) Category	Authorization/ Registration Number	Permit By Rule (PBR) Number	PBR Effective Date
		TK 10 G031	GRP-TANK	Diesel Belly Tank 31 GEN031 - DFW10			PBR		106.472	09/04/2000
		TK 10 G032	GRP-TANK	Diesel Belly Tank 32 GEN032 - DFW10			PBR		106.472	09/04/2000
		TK 10 G033	GRP-TANK	Diesel Belly Tank 33 GEN033 - DFW10			PBR		106.472	09/04/2000
		TK 10 G034	GRP-TANK	Diesel Belly Tank 34 GEN034 - DFW10			PBR		106.472	09/04/2000
		TK 10 G035	GRP-TANK	Diesel Belly Tank 35 GEN035 - DFW10			PBR		106.472	09/04/2000
		TK 10 G036	GRP-TANK	Diesel Belly Tank 36 GEN036 - DFW10			PBR		106.472	09/04/2000
		TK 10 G037	GRP-TANK	Diesel Belly Tank 37 GEN037 - DFW10			PBR		106.472	09/04/2000
		TK 10 G038	GRP-TANK	Diesel Belly Tank 38 GEN038 - DFW10			PBR		106.472	09/04/2000
		TK 10 G039	GRP-TANK	Diesel Belly Tank 39 GEN039 - DFW10			PBR		106.472	09/04/2000
		TK 10 G040	GRP-TANK	Diesel Belly Tank 40 GEN040 - DFW10			PBR		106.472	09/04/2000
		TK 10 G041	GRP-TANK	Diesel Belly Tank 41 GEN041 - DFW10			PBR		106.472	09/04/2000
		TK 10 G042	GRP-TANK	Diesel Belly Tank 42 GEN042 - DFW10			PBR		106.472	09/04/2000
		TK 10 G043	GRP-TANK	Diesel Belly Tank 43 GEN043 - DFW10			PBR		106.472	09/04/2000
		TK 10 G044	GRP-TANK	Diesel Belly Tank 44 GEN044 - DFW10			PBR		106.472	09/04/2000
		TK 10 G045	GRP-TANK	Diesel Belly Tank 45 GEN045 - DFW10			PBR		106.472	09/04/2000

Storage Tank/Vessel Attributes
Federal Operating Permit Program
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Form OP-SUM - Individual Unit Summary
Table 1

Unit AI	Revision No.	Unit ID No.	Group ID No.	Unit Name/Description	CAM	PCA AI	Preconstruction Authorization (PCA) Category	Authorization/ Registration Number	Permit By Rule (PBR) Number	PBR Effective Date
		TK 10 G046	GRP-TANK	Diesel Belly Tank 46 GEN046 - DFW10			PBR		106.472	09/04/2000
		TK 10 G047	GRP-TANK	Diesel Belly Tank 47 GEN047 - DFW10			PBR		106.472	09/04/2000
		TK 10 G048	GRP-TANK	Diesel Belly Tank 48 GEN048 - DFW10			PBR		106.472	09/04/2000
		TK 10 G049	GRP-TANK	Diesel Belly Tank 49 GEN049 - DFW10			PBR		106.472	09/04/2000
		TK 10 G050	GRP-TANK	Diesel Belly Tank 50 GEN050 - DFW10			PBR		106.472	09/04/2000
		TK 10 G051	GRP-TANK	Diesel Belly Tank 51 GEN051 - DFW10			PBR		106.472	09/04/2000
		TK 10 G052	GRP-TANK	Diesel Belly Tank 52 GEN052 - DFW10			PBR		106.472	09/04/2000
		TK 10 G053	GRP-TANK	Diesel Belly Tank 53 GEN053 - DFW10			PBR		106.472	09/04/2000
		TK 10 G054	GRP-TANK	Diesel Belly Tank 54 GEN054 - DFW10			PBR		106.472	09/04/2000
		TK 10 G055	GRP-TANK	Diesel Belly Tank 55 GEN055 - DFW10			PBR		106.472	09/04/2000
		TK 10 G056	GRP-TANK	Diesel Belly Tank 56 GEN056 - DFW10			PBR		106.472	09/04/2000
		TK 11 G057	GRP-TANK	Diesel Belly Tank 57 GEN057 - DFW11			PBR		106.472	09/04/2000
		TK 11 G058	GRP-TANK	Diesel Belly Tank 58 GEN058 - DFW11			PBR		106.472	09/04/2000
		TK 11 G059	GRP-TANK	Diesel Belly Tank 59 GEN059 - DFW11			PBR		106.472	09/04/2000
		TK 11 G060	GRP-TANK	Diesel Belly Tank 60 GEN060 - DFW11			PBR		106.472	09/04/2000

Storage Tank/Vessel Attributes
Federal Operating Permit Program
Texas Commission on Environmental Quality

Form OP-SUM - Individual Unit Summary
Table 1

Unit AI	Revision No.	Unit ID No.	Group ID No.	Unit Name/Description	CAM	PCA AI	Preconstruction Authorization (PCA) Category	Authorization/ Registration Number	Permit By Rule (PBR) Number	PBR Effective Date
		TK 11 G061	GRP-TANK	Diesel Belly Tank 61 GEN061 - DFW11			PBR		106.472	09/04/2000
		TK 11 G062	GRP-TANK	Diesel Belly Tank 62 GEN062 - DFW11			PBR		106.472	09/04/2000
		TK 11 G063	GRP-TANK	Diesel Belly Tank 63 GEN063 - DFW11			PBR		106.472	09/04/2000
		TK 11 G064	GRP-TANK	Diesel Belly Tank 64 GEN064 - DFW11			PBR		106.472	09/04/2000
		TK 11 G065	GRP-TANK	Diesel Belly Tank 65 GEN065 - DFW11			PBR		106.472	09/04/2000
		TK 11 G066	GRP-TANK	Diesel Belly Tank 66 GEN066 - DFW11			PBR		106.472	09/04/2000
		TK 11 G067	GRP-TANK	Diesel Belly Tank 67 GEN067 - DFW11			PBR		106.472	09/04/2000
		TK 11 G068	GRP-TANK	Diesel Belly Tank 68 GEN068 - DFW11			PBR		106.472	09/04/2000
		TK 11 G069	GRP-TANK	Diesel Belly Tank 69 GEN069 - DFW11			PBR		106.472	09/04/2000
		TK 11 G070	GRP-TANK	Diesel Belly Tank 70 GEN070 - DFW11			PBR		106.472	09/04/2000
		TK 11 G071	GRP-TANK	Diesel Belly Tank 71 GEN071 - DFW11			PBR		106.472	09/04/2000
		TK 11 G072	GRP-TANK	Diesel Belly Tank 72 GEN072 - DFW11			PBR		106.472	09/04/2000
		TK 11 G073	GRP-TANK	Diesel Belly Tank 73 GEN073 - DFW11			PBR		106.472	09/04/2000
		TK 11 G074	GRP-TANK	Diesel Belly Tank 74 GEN074 - DFW11			PBR		106.472	09/04/2000
		TK 11 G075	GRP-TANK	Diesel Belly Tank 75 GEN075 - DFW11			PBR		106.472	09/04/2000

Storage Tank/Vessel Attributes
Federal Operating Permit Program
Texas Commission on Environmental Quality

Form OP-SUM - Individual Unit Summary
Table 1

Unit AI	Revision No.	Unit ID No.	Group ID No.	Unit Name/Description	CAM	PCA AI	Preconstruction Authorization (PCA) Category	Authorization/ Registration Number	Permit By Rule (PBR) Number	PBR Effective Date
		TK 11 G076	GRP-TANK	Diesel Belly Tank 76 GEN076 - DFW11			PBR		106.472	09/04/2000
		TK 11 G077	GRP-TANK	Diesel Belly Tank 77 GEN077 - DFW11			PBR		106.472	09/04/2000
		TK 11 G078	GRP-TANK	Diesel Belly Tank 78 GEN078 - DFW11			PBR		106.472	09/04/2000
		TK 11 G079	GRP-TANK	Diesel Belly Tank 79 GEN079 - DFW11			PBR		106.472	09/04/2000
		TK 11 G080	GRP-TANK	Diesel Belly Tank 80 GEN080 - DFW11			PBR		106.472	09/04/2000
		TK 11 G081	GRP-TANK	Diesel Belly Tank 81 GEN081 - DFW11			PBR		106.472	09/04/2000
		TK 11 G082	GRP-TANK	Diesel Belly Tank 82 GEN082 - DFW11			PBR		106.472	09/04/2000
		TK 11 G083	GRP-TANK	Diesel Belly Tank 83 GEN083 - DFW11			PBR		106.472	09/04/2000
		TK 11 G084	GRP-TANK	Diesel Belly Tank 84 GEN084 - DFW11			PBR		106.472	09/04/2000
		TK 11 G085	GRP-TANK	Diesel Belly Tank 85 GEN085 - DFW11			PBR		106.472	09/04/2000
		TK 11 G086	GRP-TANK	Diesel Belly Tank 86 GEN086 - DFW11			PBR		106.472	09/04/2000
		TK 11 G087	GRP-TANK	Diesel Belly Tank 87 GEN087 - DFW11			PBR		106.472	09/04/2000
		TK 11 G088	GRP-TANK	Diesel Belly Tank 88 GEN088 - DFW11			PBR		106.472	09/04/2000
		TK 11 G089	GRP-TANK	Diesel Belly Tank 89 GEN089 - DFW11			PBR		106.472	09/04/2000
		TK 11 G090	GRP-TANK	Diesel Belly Tank 90 GEN090 - DFW11			PBR		106.472	09/04/2000

Storage Tank/Vessel Attributes
Federal Operating Permit Program
Texas Commission on Environmental Quality

Form OP-SUM - Individual Unit Summary
Table 1

Unit AI	Revision No.	Unit ID No.	Group ID No.	Unit Name/Description	CAM	PCA AI	Preconstruction Authorization (PCA) Category	Authorization/ Registration Number	Permit By Rule (PBR) Number	PBR Effective Date
		TK 11 G091	GRP-TANK	Diesel Belly Tank 91 GEN091 - DFW11			PBR		106.472	09/04/2000
		TK 11 G092	GRP-TANK	Diesel Belly Tank 92 GEN092 - DFW11			PBR		106.472	09/04/2000
		TK 11 G093	GRP-TANK	Diesel Belly Tank 93 GEN093 - DFW11			PBR		106.472	09/04/2000
		TK 11 G094	GRP-TANK	Diesel Belly Tank 94 GEN094 - DFW11			PBR		106.472	09/04/2000
		TK 11 G095	GRP-TANK	Diesel Belly Tank 95 GEN095 - DFW11			PBR		106.472	09/04/2000
		TK 11 G096	GRP-TANK	Diesel Belly Tank 96 GEN096 - DFW11			PBR		106.472	09/04/2000
		TK 11 G097	GRP-TANK	Diesel Belly Tank 97 GEN097 - DFW11			PBR		106.472	09/04/2000
		TK 11 G098	GRP-TANK	Diesel Belly Tank 98 GEN098 - DFW11			PBR		106.472	09/04/2000
		TK 11 G099	GRP-TANK	Diesel Belly Tank 99 GEN099 - DFW11			PBR		106.472	09/04/2000
		TK 11 G100	GRP-TANK	Diesel Belly Tank 100 GEN100 - DFW11			PBR		106.472	09/04/2000
		TK 11 G101	GRP-TANK	Diesel Belly Tank 101 GEN101 - DFW11			PBR		106.472	09/04/2000
		TK 11 G102	GRP-TANK	Diesel Belly Tank 102 GEN102 - DFW11			PBR		106.472	09/04/2000
		TK 11 G103	GRP-TANK	Diesel Belly Tank 103 GEN103 - DFW11			PBR		106.472	09/04/2000
		TK 11 G104	GRP-TANK	Diesel Belly Tank 104 GEN104 - DFW11			PBR		106.472	09/04/2000
		TK 11 G105	GRP-TANK	Diesel Belly Tank 105 GEN105 - DFW11			PBR		106.472	09/04/2000

Storage Tank/Vessel Attributes
Federal Operating Permit Program
Texas Commission on Environmental Quality

Form OP-SUM - Individual Unit Summary
Table 1

Unit AI	Revision No.	Unit ID No.	Group ID No.	Unit Name/Description	CAM	PCA AI	Preconstruction Authorization (PCA) Category	Authorization/ Registration Number	Permit By Rule (PBR) Number	PBR Effective Date
		TK 11 G106	GRP-TANK	Diesel Belly Tank 106 GEN106 - DFW11			PBR		106.472	09/04/2000
		TK 11 G107	GRP-TANK	Diesel Belly Tank 107 GEN107 - DFW11			PBR		106.472	09/04/2000
		TK 11 G108	GRP-TANK	Diesel Belly Tank 108 GEN108 - DFW11			PBR		106.472	09/04/2000
		TK 11 G109	GRP-TANK	Diesel Belly Tank 109 GEN109 - DFW11			PBR		106.472	09/04/2000
		TK 11 G110	GRP-TANK	Diesel Belly Tank 110 GEN110 - DFW11			PBR		106.472	09/04/2000
		TK 11 G111	GRP-TANK	Diesel Belly Tank 111 GEN111 - DFW11			PBR		106.472	09/04/2000
		TK 11 G112	GRP-TANK	Diesel Belly Tank 112 GEN112 - DFW11			PBR		106.472	09/04/2000
		TK 10 H001	GRP-TANK	Diesel Belly Tank 113 HGN001 - DFW10			PBR		106.472	09/04/2000
		TK 11 H001	GRP-TANK	Diesel Belly Tank 114 HGN001 - DFW11			PBR		106.472	09/04/2000
		TK 11 H002	GRP-TANK	Diesel Belly Tank 115 HGN002 - DFW11			PBR		106.472	09/04/2000

OP-PBRSUP – Permits by Rule Supplemental Table

Permit By Rule Supplemental Table (Page 1)
Table A: Registered Permits by Rule (30 TAC Chapter 106) for the Application Area
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
4/3/2026	TBA	RN112240379

Unit ID No.	Registration No.	PBR No.	Registration Date
GEN 10 001	180711	106.511	7/1/2025
GEN 10 002	180711	106.511	7/1/2025
GEN 10 003	180711	106.511	7/1/2025
GEN 10 004	180711	106.511	7/1/2025
GEN 10 005	180711	106.511	7/1/2025
GEN 10 006	180711	106.511	7/1/2025
GEN 10 007	180711	106.511	7/1/2025
GEN 10 008	180711	106.511	7/1/2025
GEN 10 009	180711	106.511	7/1/2025
GEN 10 010	180711	106.511	7/1/2025
GEN 10 011	180711	106.511	7/1/2025
GEN 10 012	180711	106.511	7/1/2025
GEN 10 013	180711	106.511	7/1/2025
GEN 10 014	180711	106.511	7/1/2025
GEN 10 015	180711	106.511	7/1/2025
GEN 10 016	180711	106.511	7/1/2025
GEN 10 017	180711	106.511	7/1/2025
GEN 10 018	180711	106.511	7/1/2025
GEN 10 019	180711	106.511	7/1/2025

Unit ID No.	Registration No.	PBR No.	Registration Date
GEN 10 020	180711	106.511	7/1/2025
GEN 10 021	180711	106.511	7/1/2025
GEN 10 022	180711	106.511	7/1/2025
GEN 10 023	180711	106.511	7/1/2025
GEN 10 024	180711	106.511	7/1/2025
GEN 10 025	180711	106.511	7/1/2025
GEN 10 026	180711	106.511	7/1/2025
GEN 10 027	180711	106.511	7/1/2025
GEN 10 028	180711	106.511	7/1/2025
GEN 10 029	180711	106.511	7/1/2025
GEN 10 030	180711	106.511	7/1/2025
GEN 10 031	180711	106.511	7/1/2025
GEN 10 032	180711	106.511	7/1/2025
GEN 10 033	180711	106.511	7/1/2025
GEN 10 034	180711	106.511	7/1/2025
GEN 10 035	180711	106.511	7/1/2025
GEN 10 036	180711	106.511	7/1/2025
GEN 10 037	180711	106.511	7/1/2025
GEN 10 038	180711	106.511	7/1/2025
GEN 10 039	180711	106.511	7/1/2025
GEN 10 040	180711	106.511	7/1/2025
GEN 10 041	180711	106.511	7/1/2025
GEN 10 042	180711	106.511	7/1/2025

Unit ID No.	Registration No.	PBR No.	Registration Date
GEN 10 043	180711	106.511	7/1/2025
GEN 10 044	180711	106.511	7/1/2025
GEN 10 045	180711	106.511	7/1/2025
GEN 10 046	180711	106.511	7/1/2025
GEN 10 047	180711	106.511	7/1/2025
GEN 10 048	180711	106.511	7/1/2025
GEN 10 049	180711	106.511	7/1/2025
GEN 10 050	180711	106.511	7/1/2025
GEN 10 051	180711	106.511	7/1/2025
GEN 10 052	180711	106.511	7/1/2025
GEN 10 053	180711	106.511	7/1/2025
GEN 10 054	180711	106.511	7/1/2025
GEN 10 055	180711	106.511	7/1/2025
GEN 10 056	180711	106.511	7/1/2025
GEN 11 057	180711	106.511	7/1/2025
GEN 11 058	180711	106.511	7/1/2025
GEN 11 059	180711	106.511	7/1/2025
GEN 11 060	180711	106.511	7/1/2025
GEN 11 061	180711	106.511	7/1/2025
GEN 11 062	180711	106.511	7/1/2025
GEN 11 063	180711	106.511	7/1/2025
GEN 11 064	180711	106.511	7/1/2025
GEN 11 065	180711	106.511	7/1/2025

Unit ID No.	Registration No.	PBR No.	Registration Date
GEN 11 066	180711	106.511	7/1/2025
GEN 11 067	180711	106.511	7/1/2025
GEN 11 068	180711	106.511	7/1/2025
GEN 11 069	180711	106.511	7/1/2025
GEN 11 070	180711	106.511	7/1/2025
GEN 11 071	180711	106.511	7/1/2025
GEN 11 072	180711	106.511	7/1/2025
GEN 11 073	180711	106.511	7/1/2025
GEN 11 074	180711	106.511	7/1/2025
GEN 11 075	180711	106.511	7/1/2025
GEN 11 076	180711	106.511	7/1/2025
GEN 11 077	180711	106.511	7/1/2025
GEN 11 078	180711	106.511	7/1/2025
GEN 11 079	180711	106.511	7/1/2025
GEN 11 080	180711	106.511	7/1/2025
GEN 11 081	180711	106.511	7/1/2025
GEN 11 082	180711	106.511	7/1/2025
GEN 11 083	180711	106.511	7/1/2025
GEN 11 084	180711	106.511	7/1/2025
GEN 11 085	180711	106.511	7/1/2025
GEN 11 086	180711	106.511	7/1/2025
GEN 11 087	180711	106.511	7/1/2025
GEN 11 088	180711	106.511	7/1/2025

Unit ID No.	Registration No.	PBR No.	Registration Date
GEN 11 089	180711	106.511	7/1/2025
GEN 11 090	180711	106.511	7/1/2025
GEN 11 091	180711	106.511	7/1/2025
GEN 11 092	180711	106.511	7/1/2025
GEN 11 093	180711	106.511	7/1/2025
GEN 11 094	180711	106.511	7/1/2025
GEN 11 095	180711	106.511	7/1/2025
GEN 11 096	180711	106.511	7/1/2025
GEN 11 097	180711	106.511	7/1/2025
GEN 11 098	180711	106.511	7/1/2025
GEN 11 099	180711	106.511	7/1/2025
GEN 11 100	180711	106.511	7/1/2025
GEN 11 101	180711	106.511	7/1/2025
GEN 11 102	180711	106.511	7/1/2025
GEN 11 103	180711	106.511	7/1/2025
GEN 11 104	180711	106.511	7/1/2025
GEN 11 105	180711	106.511	7/1/2025
GEN 11 106	180711	106.511	7/1/2025
GEN 11 107	180711	106.511	7/1/2025
GEN 11 108	180711	106.511	7/1/2025
GEN 11 109	180711	106.511	7/1/2025
GEN 11 110	180711	106.511	7/1/2025
GEN 11 111	180711	106.511	7/1/2025

Unit ID No.	Registration No.	PBR No.	Registration Date
GEN 11 112	180711	106.511	7/1/2025
HGN 10 001	180711	106.511	7/1/2025
HGN 11 001	180711	106.511	7/1/2025
HGN 11 002	180711	106.511	7/1/2025

Permit By Rule Supplemental Table (Page 2)
Table B: Claimed (not registered) Permits by Rule (30 TAC Chapter 106) for the Application Area
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
4/3/2026	TBA	RN112240379

Unit ID No.	PBR No.	Version No./Date
TK 10 G001	106.472	9/4/2000
TK 10 G002	106.472	9/4/2000
TK 10 G003	106.472	9/4/2000
TK 10 G004	106.472	9/4/2000
TK 10 G005	106.472	9/4/2000
TK 10 G006	106.472	9/4/2000
TK 10 G007	106.472	9/4/2000
TK 10 G008	106.472	9/4/2000
TK 10 G009	106.472	9/4/2000
TK 10 G010	106.472	9/4/2000
TK 10 G011	106.472	9/4/2000
TK 10 G012	106.472	9/4/2000
TK 10 G013	106.472	9/4/2000
TK 10 G014	106.472	9/4/2000
TK 10 G015	106.472	9/4/2000
TK 10 G016	106.472	9/4/2000
TK 10 G017	106.472	9/4/2000
TK 10 G018	106.472	9/4/2000
TK 10 G019	106.472	9/4/2000

Unit ID No.	PBR No.	Version No./Date
TK 10 G020	106.472	9/4/2000
TK 10 G021	106.472	9/4/2000
TK 10 G022	106.472	9/4/2000
TK 10 G023	106.472	9/4/2000
TK 10 G024	106.472	9/4/2000
TK 10 G025	106.472	9/4/2000
TK 10 G026	106.472	9/4/2000
TK 10 G027	106.472	9/4/2000
TK 10 G028	106.472	9/4/2000
TK 10 G029	106.472	9/4/2000
TK 10 G030	106.472	9/4/2000
TK 10 G031	106.472	9/4/2000
TK 10 G032	106.472	9/4/2000
TK 10 G033	106.472	9/4/2000
TK 10 G034	106.472	9/4/2000
TK 10 G035	106.472	9/4/2000
TK 10 G036	106.472	9/4/2000
TK 10 G037	106.472	9/4/2000
TK 10 G038	106.472	9/4/2000
TK 10 G039	106.472	9/4/2000
TK 10 G040	106.472	9/4/2000
TK 10 G041	106.472	9/4/2000
TK 10 G042	106.472	9/4/2000
TK 10 G043	106.472	9/4/2000

Unit ID No.	PBR No.	Version No./Date
TK 10 G044	106.472	9/4/2000
TK 10 G045	106.472	9/4/2000
TK 10 G046	106.472	9/4/2000
TK 10 G047	106.472	9/4/2000
TK 10 G048	106.472	9/4/2000
TK 10 G049	106.472	9/4/2000
TK 10 G050	106.472	9/4/2000
TK 10 G051	106.472	9/4/2000
TK 10 G052	106.472	9/4/2000
TK 10 G053	106.472	9/4/2000
TK 10 G054	106.472	9/4/2000
TK 10 G055	106.472	9/4/2000
TK 10 G056	106.472	9/4/2000
TK 11 G057	106.472	9/4/2000
TK 11 G058	106.472	9/4/2000
TK 11 G059	106.472	9/4/2000
TK 11 G060	106.472	9/4/2000
TK 11 G061	106.472	9/4/2000
TK 11 G062	106.472	9/4/2000
TK 11 G063	106.472	9/4/2000
TK 11 G064	106.472	9/4/2000
TK 11 G065	106.472	9/4/2000
TK 11 G066	106.472	9/4/2000
TK 11 G067	106.472	9/4/2000

Unit ID No.	PBR No.	Version No./Date
TK 11 G068	106.472	9/4/2000
TK 11 G069	106.472	9/4/2000
TK 11 G070	106.472	9/4/2000
TK 11 G071	106.472	9/4/2000
TK 11 G072	106.472	9/4/2000
TK 11 G073	106.472	9/4/2000
TK 11 G074	106.472	9/4/2000
TK 11 G075	106.472	9/4/2000
TK 11 G076	106.472	9/4/2000
TK 11 G077	106.472	9/4/2000
TK 11 G078	106.472	9/4/2000
TK 11 G079	106.472	9/4/2000
TK 11 G080	106.472	9/4/2000
TK 11 G081	106.472	9/4/2000
TK 11 G082	106.472	9/4/2000
TK 11 G083	106.472	9/4/2000
TK 11 G084	106.472	9/4/2000
TK 11 G085	106.472	9/4/2000
TK 11 G086	106.472	9/4/2000
TK 11 G087	106.472	9/4/2000
TK 11 G088	106.472	9/4/2000
TK 11 G089	106.472	9/4/2000
TK 11 G090	106.472	9/4/2000
TK 11 G091	106.472	9/4/2000

Unit ID No.	PBR No.	Version No./Date
TK 11 G092	106.472	9/4/2000
TK 11 G093	106.472	9/4/2000
TK 11 G094	106.472	9/4/2000
TK 11 G095	106.472	9/4/2000
TK 11 G096	106.472	9/4/2000
TK 11 G097	106.472	9/4/2000
TK 11 G098	106.472	9/4/2000
TK 11 G099	106.472	9/4/2000
TK 11 G100	106.472	9/4/2000
TK 11 G101	106.472	9/4/2000
TK 11 G102	106.472	9/4/2000
TK 11 G103	106.472	9/4/2000
TK 11 G104	106.472	9/4/2000
TK 11 G105	106.472	9/4/2000
TK 11 G106	106.472	9/4/2000
TK 11 G107	106.472	9/4/2000
TK 11 G108	106.472	9/4/2000
TK 11 G109	106.472	9/4/2000
TK 11 G110	106.472	9/4/2000
TK 11 G111	106.472	9/4/2000
TK 11 G112	106.472	9/4/2000
TK 10 H001	106.472	9/4/2000
TK 11 H001	106.472	9/4/2000
TK 11 H002	106.472	9/4/2000

Permit By Rule Supplemental Table (Page 4)
Table D: Monitoring Requirements for registered and claimed PBRs for the Application Area
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
4/3/2026	TBA	RN112240379

Unit ID No.	PBR No.	Version No./Date or Registration No.	Monitoring Requirement
GEN 10 001	106.511	180711	Hours of usage are recorded to demonstrate engine is used less than 10% of normal operating schedule of primary equipment. Emissions are calculated using manufacturer's factors and AP-42 to determine compliance with PBR §106.4 emission limits.
GEN 10 002	106.511	180711	Hours of usage are recorded to demonstrate engine is used less than 10% of normal operating schedule of primary equipment. Emissions are calculated using manufacturer's factors and AP-42 to determine compliance with PBR §106.4 emission limits.
GEN 10 003	106.511	180711	Hours of usage are recorded to demonstrate engine is used less than 10% of normal operating schedule of primary equipment. Emissions are calculated using manufacturer's factors and AP-42 to determine compliance with PBR §106.4 emission limits.
GEN 10 004	106.511	180711	Hours of usage are recorded to demonstrate engine is used less than 10% of normal operating schedule of primary equipment. Emissions are calculated using manufacturer's factors and AP-42 to determine compliance with PBR §106.4 emission limits.
GEN 10 005	106.511	180711	Hours of usage are recorded to demonstrate engine is used less than 10% of normal operating schedule of primary equipment. Emissions are calculated using manufacturer's factors and AP-42 to determine compliance with PBR §106.4 emission limits.
GEN 10 006	106.511	180711	Hours of usage are recorded to demonstrate engine is used less than 10% of normal operating schedule of primary equipment. Emissions are calculated using manufacturer's factors and AP-42 to determine compliance with PBR §106.4 emission limits.

Unit ID No.	PBR No.	Version No./Date or Registration No.	Monitoring Requirement
GEN 10 007	106.511	180711	Hours of usage are recorded to demonstrate engine is used less than 10% of normal operating schedule of primary equipment. Emissions are calculated using manufacturer's factors and AP-42 to determine compliance with PBR §106.4 emission limits.
GEN 10 008	106.511	180711	Hours of usage are recorded to demonstrate engine is used less than 10% of normal operating schedule of primary equipment. Emissions are calculated using manufacturer's factors and AP-42 to determine compliance with PBR §106.4 emission limits.
GEN 10 009	106.511	180711	Hours of usage are recorded to demonstrate engine is used less than 10% of normal operating schedule of primary equipment. Emissions are calculated using manufacturer's factors and AP-42 to determine compliance with PBR §106.4 emission limits.
GEN 10 010	106.511	180711	Hours of usage are recorded to demonstrate engine is used less than 10% of normal operating schedule of primary equipment. Emissions are calculated using manufacturer's factors and AP-42 to determine compliance with PBR §106.4 emission limits.
GEN 10 011	106.511	180711	Hours of usage are recorded to demonstrate engine is used less than 10% of normal operating schedule of primary equipment. Emissions are calculated using manufacturer's factors and AP-42 to determine compliance with PBR §106.4 emission limits.
GEN 10 012	106.511	180711	Hours of usage are recorded to demonstrate engine is used less than 10% of normal operating schedule of primary equipment. Emissions are calculated using manufacturer's factors and AP-42 to determine compliance with PBR §106.4 emission limits.
GEN 10 013	106.511	180711	Hours of usage are recorded to demonstrate engine is used less than 10% of normal operating schedule of primary equipment. Emissions are calculated using manufacturer's factors and AP-42 to determine compliance with PBR §106.4 emission limits.
GEN 10 014	106.511	180711	Hours of usage are recorded to demonstrate engine is used less than 10% of normal operating schedule of primary equipment. Emissions are calculated using manufacturer's factors and AP-42 to determine compliance with PBR §106.4 emission limits.

Unit ID No.	PBR No.	Version No./Date or Registration No.	Monitoring Requirement
GEN 10 015	106.511	180711	Hours of usage are recorded to demonstrate engine is used less than 10% of normal operating schedule of primary equipment. Emissions are calculated using manufacturer's factors and AP-42 to determine compliance with PBR §106.4 emission limits.
GEN 10 016	106.511	180711	Hours of usage are recorded to demonstrate engine is used less than 10% of normal operating schedule of primary equipment. Emissions are calculated using manufacturer's factors and AP-42 to determine compliance with PBR §106.4 emission limits.
GEN 10 017	106.511	180711	Hours of usage are recorded to demonstrate engine is used less than 10% of normal operating schedule of primary equipment. Emissions are calculated using manufacturer's factors and AP-42 to determine compliance with PBR §106.4 emission limits.
GEN 10 018	106.511	180711	Hours of usage are recorded to demonstrate engine is used less than 10% of normal operating schedule of primary equipment. Emissions are calculated using manufacturer's factors and AP-42 to determine compliance with PBR §106.4 emission limits.
GEN 10 019	106.511	180711	Hours of usage are recorded to demonstrate engine is used less than 10% of normal operating schedule of primary equipment. Emissions are calculated using manufacturer's factors and AP-42 to determine compliance with PBR §106.4 emission limits.
GEN 10 020	106.511	180711	Hours of usage are recorded to demonstrate engine is used less than 10% of normal operating schedule of primary equipment. Emissions are calculated using manufacturer's factors and AP-42 to determine compliance with PBR §106.4 emission limits.
GEN 10 021	106.511	180711	Hours of usage are recorded to demonstrate engine is used less than 10% of normal operating schedule of primary equipment. Emissions are calculated using manufacturer's factors and AP-42 to determine compliance with PBR §106.4 emission limits.
GEN 10 022	106.511	180711	Hours of usage are recorded to demonstrate engine is used less than 10% of normal operating schedule of primary equipment. Emissions are calculated using manufacturer's factors and AP-42 to determine compliance with PBR §106.4 emission limits.

Unit ID No.	PBR No.	Version No./Date or Registration No.	Monitoring Requirement
GEN 10 023	106.511	180711	Hours of usage are recorded to demonstrate engine is used less than 10% of normal operating schedule of primary equipment. Emissions are calculated using manufacturer's factors and AP-42 to determine compliance with PBR §106.4 emission limits.
GEN 10 024	106.511	180711	Hours of usage are recorded to demonstrate engine is used less than 10% of normal operating schedule of primary equipment. Emissions are calculated using manufacturer's factors and AP-42 to determine compliance with PBR §106.4 emission limits.
GEN 10 025	106.511	180711	Hours of usage are recorded to demonstrate engine is used less than 10% of normal operating schedule of primary equipment. Emissions are calculated using manufacturer's factors and AP-42 to determine compliance with PBR §106.4 emission limits.
GEN 10 026	106.511	180711	Hours of usage are recorded to demonstrate engine is used less than 10% of normal operating schedule of primary equipment. Emissions are calculated using manufacturer's factors and AP-42 to determine compliance with PBR §106.4 emission limits.
GEN 10 027	106.511	180711	Hours of usage are recorded to demonstrate engine is used less than 10% of normal operating schedule of primary equipment. Emissions are calculated using manufacturer's factors and AP-42 to determine compliance with PBR §106.4 emission limits.
GEN 10 028	106.511	180711	Hours of usage are recorded to demonstrate engine is used less than 10% of normal operating schedule of primary equipment. Emissions are calculated using manufacturer's factors and AP-42 to determine compliance with PBR §106.4 emission limits.
GEN 10 029	106.511	180711	Hours of usage are recorded to demonstrate engine is used less than 10% of normal operating schedule of primary equipment. Emissions are calculated using manufacturer's factors and AP-42 to determine compliance with PBR §106.4 emission limits.
GEN 10 030	106.511	180711	Hours of usage are recorded to demonstrate engine is used less than 10% of normal operating schedule of primary equipment. Emissions are calculated using manufacturer's factors and AP-42 to determine compliance with PBR §106.4 emission limits.

Unit ID No.	PBR No.	Version No./Date or Registration No.	Monitoring Requirement
GEN 10 031	106.511	180711	Hours of usage are recorded to demonstrate engine is used less than 10% of normal operating schedule of primary equipment. Emissions are calculated using manufacturer's factors and AP-42 to determine compliance with PBR §106.4 emission limits.
GEN 10 032	106.511	180711	Hours of usage are recorded to demonstrate engine is used less than 10% of normal operating schedule of primary equipment. Emissions are calculated using manufacturer's factors and AP-42 to determine compliance with PBR §106.4 emission limits.
GEN 10 033	106.511	180711	Hours of usage are recorded to demonstrate engine is used less than 10% of normal operating schedule of primary equipment. Emissions are calculated using manufacturer's factors and AP-42 to determine compliance with PBR §106.4 emission limits.
GEN 10 034	106.511	180711	Hours of usage are recorded to demonstrate engine is used less than 10% of normal operating schedule of primary equipment. Emissions are calculated using manufacturer's factors and AP-42 to determine compliance with PBR §106.4 emission limits.
GEN 10 035	106.511	180711	Hours of usage are recorded to demonstrate engine is used less than 10% of normal operating schedule of primary equipment. Emissions are calculated using manufacturer's factors and AP-42 to determine compliance with PBR §106.4 emission limits.
GEN 10 036	106.511	180711	Hours of usage are recorded to demonstrate engine is used less than 10% of normal operating schedule of primary equipment. Emissions are calculated using manufacturer's factors and AP-42 to determine compliance with PBR §106.4 emission limits.
GEN 10 037	106.511	180711	Hours of usage are recorded to demonstrate engine is used less than 10% of normal operating schedule of primary equipment. Emissions are calculated using manufacturer's factors and AP-42 to determine compliance with PBR §106.4 emission limits.
GEN 10 038	106.511	180711	Hours of usage are recorded to demonstrate engine is used less than 10% of normal operating schedule of primary equipment. Emissions are calculated using manufacturer's factors and AP-42 to determine compliance with PBR §106.4 emission limits.

Unit ID No.	PBR No.	Version No./Date or Registration No.	Monitoring Requirement
GEN 10 039	106.511	180711	Hours of usage are recorded to demonstrate engine is used less than 10% of normal operating schedule of primary equipment. Emissions are calculated using manufacturer's factors and AP-42 to determine compliance with PBR §106.4 emission limits.
GEN 10 040	106.511	180711	Hours of usage are recorded to demonstrate engine is used less than 10% of normal operating schedule of primary equipment. Emissions are calculated using manufacturer's factors and AP-42 to determine compliance with PBR §106.4 emission limits.
GEN 10 041	106.511	180711	Hours of usage are recorded to demonstrate engine is used less than 10% of normal operating schedule of primary equipment. Emissions are calculated using manufacturer's factors and AP-42 to determine compliance with PBR §106.4 emission limits.
GEN 10 042	106.511	180711	Hours of usage are recorded to demonstrate engine is used less than 10% of normal operating schedule of primary equipment. Emissions are calculated using manufacturer's factors and AP-42 to determine compliance with PBR §106.4 emission limits.
GEN 10 043	106.511	180711	Hours of usage are recorded to demonstrate engine is used less than 10% of normal operating schedule of primary equipment. Emissions are calculated using manufacturer's factors and AP-42 to determine compliance with PBR §106.4 emission limits.
GEN 10 044	106.511	180711	Hours of usage are recorded to demonstrate engine is used less than 10% of normal operating schedule of primary equipment. Emissions are calculated using manufacturer's factors and AP-42 to determine compliance with PBR §106.4 emission limits.
GEN 10 045	106.511	180711	Hours of usage are recorded to demonstrate engine is used less than 10% of normal operating schedule of primary equipment. Emissions are calculated using manufacturer's factors and AP-42 to determine compliance with PBR §106.4 emission limits.
GEN 10 046	106.511	180711	Hours of usage are recorded to demonstrate engine is used less than 10% of normal operating schedule of primary equipment. Emissions are calculated using manufacturer's factors and AP-42 to determine compliance with PBR §106.4 emission limits.

Unit ID No.	PBR No.	Version No./Date or Registration No.	Monitoring Requirement
GEN 10 047	106.511	180711	Hours of usage are recorded to demonstrate engine is used less than 10% of normal operating schedule of primary equipment. Emissions are calculated using manufacturer's factors and AP-42 to determine compliance with PBR §106.4 emission limits.
GEN 10 048	106.511	180711	Hours of usage are recorded to demonstrate engine is used less than 10% of normal operating schedule of primary equipment. Emissions are calculated using manufacturer's factors and AP-42 to determine compliance with PBR §106.4 emission limits.
GEN 10 049	106.511	180711	Hours of usage are recorded to demonstrate engine is used less than 10% of normal operating schedule of primary equipment. Emissions are calculated using manufacturer's factors and AP-42 to determine compliance with PBR §106.4 emission limits.
GEN 10 050	106.511	180711	Hours of usage are recorded to demonstrate engine is used less than 10% of normal operating schedule of primary equipment. Emissions are calculated using manufacturer's factors and AP-42 to determine compliance with PBR §106.4 emission limits.
GEN 10 051	106.511	180711	Hours of usage are recorded to demonstrate engine is used less than 10% of normal operating schedule of primary equipment. Emissions are calculated using manufacturer's factors and AP-42 to determine compliance with PBR §106.4 emission limits.
GEN 10 052	106.511	180711	Hours of usage are recorded to demonstrate engine is used less than 10% of normal operating schedule of primary equipment. Emissions are calculated using manufacturer's factors and AP-42 to determine compliance with PBR §106.4 emission limits.
GEN 10 053	106.511	180711	Hours of usage are recorded to demonstrate engine is used less than 10% of normal operating schedule of primary equipment. Emissions are calculated using manufacturer's factors and AP-42 to determine compliance with PBR §106.4 emission limits.
GEN 10 054	106.511	180711	Hours of usage are recorded to demonstrate engine is used less than 10% of normal operating schedule of primary equipment. Emissions are calculated using manufacturer's factors and AP-42 to determine compliance with PBR §106.4 emission limits.

Unit ID No.	PBR No.	Version No./Date or Registration No.	Monitoring Requirement
GEN 10 055	106.511	180711	Hours of usage are recorded to demonstrate engine is used less than 10% of normal operating schedule of primary equipment. Emissions are calculated using manufacturer's factors and AP-42 to determine compliance with PBR §106.4 emission limits.
GEN 10 056	106.511	180711	Hours of usage are recorded to demonstrate engine is used less than 10% of normal operating schedule of primary equipment. Emissions are calculated using manufacturer's factors and AP-42 to determine compliance with PBR §106.4 emission limits.
GEN 11 057	106.511	180711	Hours of usage are recorded to demonstrate engine is used less than 10% of normal operating schedule of primary equipment. Emissions are calculated using manufacturer's factors and AP-42 to determine compliance with PBR §106.4 emission limits.
GEN 11 058	106.511	180711	Hours of usage are recorded to demonstrate engine is used less than 10% of normal operating schedule of primary equipment. Emissions are calculated using manufacturer's factors and AP-42 to determine compliance with PBR §106.4 emission limits.
GEN 11 059	106.511	180711	Hours of usage are recorded to demonstrate engine is used less than 10% of normal operating schedule of primary equipment. Emissions are calculated using manufacturer's factors and AP-42 to determine compliance with PBR §106.4 emission limits.
GEN 11 060	106.511	180711	Hours of usage are recorded to demonstrate engine is used less than 10% of normal operating schedule of primary equipment. Emissions are calculated using manufacturer's factors and AP-42 to determine compliance with PBR §106.4 emission limits.
GEN 11 061	106.511	180711	Hours of usage are recorded to demonstrate engine is used less than 10% of normal operating schedule of primary equipment. Emissions are calculated using manufacturer's factors and AP-42 to determine compliance with PBR §106.4 emission limits.
GEN 11 062	106.511	180711	Hours of usage are recorded to demonstrate engine is used less than 10% of normal operating schedule of primary equipment. Emissions are calculated using manufacturer's factors and AP-42 to determine compliance with PBR §106.4 emission limits.

Unit ID No.	PBR No.	Version No./Date or Registration No.	Monitoring Requirement
GEN 11 063	106.511	180711	Hours of usage are recorded to demonstrate engine is used less than 10% of normal operating schedule of primary equipment. Emissions are calculated using manufacturer's factors and AP-42 to determine compliance with PBR §106.4 emission limits.
GEN 11 064	106.511	180711	Hours of usage are recorded to demonstrate engine is used less than 10% of normal operating schedule of primary equipment. Emissions are calculated using manufacturer's factors and AP-42 to determine compliance with PBR §106.4 emission limits.
GEN 11 065	106.511	180711	Hours of usage are recorded to demonstrate engine is used less than 10% of normal operating schedule of primary equipment. Emissions are calculated using manufacturer's factors and AP-42 to determine compliance with PBR §106.4 emission limits.
GEN 11 066	106.511	180711	Hours of usage are recorded to demonstrate engine is used less than 10% of normal operating schedule of primary equipment. Emissions are calculated using manufacturer's factors and AP-42 to determine compliance with PBR §106.4 emission limits.
GEN 11 067	106.511	180711	Hours of usage are recorded to demonstrate engine is used less than 10% of normal operating schedule of primary equipment. Emissions are calculated using manufacturer's factors and AP-42 to determine compliance with PBR §106.4 emission limits.
GEN 11 068	106.511	180711	Hours of usage are recorded to demonstrate engine is used less than 10% of normal operating schedule of primary equipment. Emissions are calculated using manufacturer's factors and AP-42 to determine compliance with PBR §106.4 emission limits.
GEN 11 069	106.511	180711	Hours of usage are recorded to demonstrate engine is used less than 10% of normal operating schedule of primary equipment. Emissions are calculated using manufacturer's factors and AP-42 to determine compliance with PBR §106.4 emission limits.
GEN 11 070	106.511	180711	Hours of usage are recorded to demonstrate engine is used less than 10% of normal operating schedule of primary equipment. Emissions are calculated using manufacturer's factors and AP-42 to determine compliance with PBR §106.4 emission limits.

Unit ID No.	PBR No.	Version No./Date or Registration No.	Monitoring Requirement
GEN 11 071	106.511	180711	Hours of usage are recorded to demonstrate engine is used less than 10% of normal operating schedule of primary equipment. Emissions are calculated using manufacturer's factors and AP-42 to determine compliance with PBR §106.4 emission limits.
GEN 11 072	106.511	180711	Hours of usage are recorded to demonstrate engine is used less than 10% of normal operating schedule of primary equipment. Emissions are calculated using manufacturer's factors and AP-42 to determine compliance with PBR §106.4 emission limits.
GEN 11 073	106.511	180711	Hours of usage are recorded to demonstrate engine is used less than 10% of normal operating schedule of primary equipment. Emissions are calculated using manufacturer's factors and AP-42 to determine compliance with PBR §106.4 emission limits.
GEN 11 074	106.511	180711	Hours of usage are recorded to demonstrate engine is used less than 10% of normal operating schedule of primary equipment. Emissions are calculated using manufacturer's factors and AP-42 to determine compliance with PBR §106.4 emission limits.
GEN 11 075	106.511	180711	Hours of usage are recorded to demonstrate engine is used less than 10% of normal operating schedule of primary equipment. Emissions are calculated using manufacturer's factors and AP-42 to determine compliance with PBR §106.4 emission limits.
GEN 11 076	106.511	180711	Hours of usage are recorded to demonstrate engine is used less than 10% of normal operating schedule of primary equipment. Emissions are calculated using manufacturer's factors and AP-42 to determine compliance with PBR §106.4 emission limits.
GEN 11 077	106.511	180711	Hours of usage are recorded to demonstrate engine is used less than 10% of normal operating schedule of primary equipment. Emissions are calculated using manufacturer's factors and AP-42 to determine compliance with PBR §106.4 emission limits.
GEN 11 078	106.511	180711	Hours of usage are recorded to demonstrate engine is used less than 10% of normal operating schedule of primary equipment. Emissions are calculated using manufacturer's factors and AP-42 to determine compliance with PBR §106.4 emission limits.

Unit ID No.	PBR No.	Version No./Date or Registration No.	Monitoring Requirement
GEN 11 079	106.511	180711	Hours of usage are recorded to demonstrate engine is used less than 10% of normal operating schedule of primary equipment. Emissions are calculated using manufacturer's factors and AP-42 to determine compliance with PBR §106.4 emission limits.
GEN 11 080	106.511	180711	Hours of usage are recorded to demonstrate engine is used less than 10% of normal operating schedule of primary equipment. Emissions are calculated using manufacturer's factors and AP-42 to determine compliance with PBR §106.4 emission limits.
GEN 11 081	106.511	180711	Hours of usage are recorded to demonstrate engine is used less than 10% of normal operating schedule of primary equipment. Emissions are calculated using manufacturer's factors and AP-42 to determine compliance with PBR §106.4 emission limits.
GEN 11 082	106.511	180711	Hours of usage are recorded to demonstrate engine is used less than 10% of normal operating schedule of primary equipment. Emissions are calculated using manufacturer's factors and AP-42 to determine compliance with PBR §106.4 emission limits.
GEN 11 083	106.511	180711	Hours of usage are recorded to demonstrate engine is used less than 10% of normal operating schedule of primary equipment. Emissions are calculated using manufacturer's factors and AP-42 to determine compliance with PBR §106.4 emission limits.
GEN 11 084	106.511	180711	Hours of usage are recorded to demonstrate engine is used less than 10% of normal operating schedule of primary equipment. Emissions are calculated using manufacturer's factors and AP-42 to determine compliance with PBR §106.4 emission limits.
GEN 11 085	106.511	180711	Hours of usage are recorded to demonstrate engine is used less than 10% of normal operating schedule of primary equipment. Emissions are calculated using manufacturer's factors and AP-42 to determine compliance with PBR §106.4 emission limits.
GEN 11 086	106.511	180711	Hours of usage are recorded to demonstrate engine is used less than 10% of normal operating schedule of primary equipment. Emissions are calculated using manufacturer's factors and AP-42 to determine compliance with PBR §106.4 emission limits.

Unit ID No.	PBR No.	Version No./Date or Registration No.	Monitoring Requirement
GEN 11 087	106.511	180711	Hours of usage are recorded to demonstrate engine is used less than 10% of normal operating schedule of primary equipment. Emissions are calculated using manufacturer's factors and AP-42 to determine compliance with PBR §106.4 emission limits.
GEN 11 088	106.511	180711	Hours of usage are recorded to demonstrate engine is used less than 10% of normal operating schedule of primary equipment. Emissions are calculated using manufacturer's factors and AP-42 to determine compliance with PBR §106.4 emission limits.
GEN 11 089	106.511	180711	Hours of usage are recorded to demonstrate engine is used less than 10% of normal operating schedule of primary equipment. Emissions are calculated using manufacturer's factors and AP-42 to determine compliance with PBR §106.4 emission limits.
GEN 11 090	106.511	180711	Hours of usage are recorded to demonstrate engine is used less than 10% of normal operating schedule of primary equipment. Emissions are calculated using manufacturer's factors and AP-42 to determine compliance with PBR §106.4 emission limits.
GEN 11 091	106.511	180711	Hours of usage are recorded to demonstrate engine is used less than 10% of normal operating schedule of primary equipment. Emissions are calculated using manufacturer's factors and AP-42 to determine compliance with PBR §106.4 emission limits.
GEN 11 092	106.511	180711	Hours of usage are recorded to demonstrate engine is used less than 10% of normal operating schedule of primary equipment. Emissions are calculated using manufacturer's factors and AP-42 to determine compliance with PBR §106.4 emission limits.
GEN 11 093	106.511	180711	Hours of usage are recorded to demonstrate engine is used less than 10% of normal operating schedule of primary equipment. Emissions are calculated using manufacturer's factors and AP-42 to determine compliance with PBR §106.4 emission limits.
GEN 11 094	106.511	180711	Hours of usage are recorded to demonstrate engine is used less than 10% of normal operating schedule of primary equipment. Emissions are calculated using manufacturer's factors and AP-42 to determine compliance with PBR §106.4 emission limits.

Unit ID No.	PBR No.	Version No./Date or Registration No.	Monitoring Requirement
GEN 11 095	106.511	180711	Hours of usage are recorded to demonstrate engine is used less than 10% of normal operating schedule of primary equipment. Emissions are calculated using manufacturer's factors and AP-42 to determine compliance with PBR §106.4 emission limits.
GEN 11 096	106.511	180711	Hours of usage are recorded to demonstrate engine is used less than 10% of normal operating schedule of primary equipment. Emissions are calculated using manufacturer's factors and AP-42 to determine compliance with PBR §106.4 emission limits.
GEN 11 097	106.511	180711	Hours of usage are recorded to demonstrate engine is used less than 10% of normal operating schedule of primary equipment. Emissions are calculated using manufacturer's factors and AP-42 to determine compliance with PBR §106.4 emission limits.
GEN 11 098	106.511	180711	Hours of usage are recorded to demonstrate engine is used less than 10% of normal operating schedule of primary equipment. Emissions are calculated using manufacturer's factors and AP-42 to determine compliance with PBR §106.4 emission limits.
GEN 11 099	106.511	180711	Hours of usage are recorded to demonstrate engine is used less than 10% of normal operating schedule of primary equipment. Emissions are calculated using manufacturer's factors and AP-42 to determine compliance with PBR §106.4 emission limits.
GEN 11 100	106.511	180711	Hours of usage are recorded to demonstrate engine is used less than 10% of normal operating schedule of primary equipment. Emissions are calculated using manufacturer's factors and AP-42 to determine compliance with PBR §106.4 emission limits.
GEN 11 101	106.511	180711	Hours of usage are recorded to demonstrate engine is used less than 10% of normal operating schedule of primary equipment. Emissions are calculated using manufacturer's factors and AP-42 to determine compliance with PBR §106.4 emission limits.
GEN 11 102	106.511	180711	Hours of usage are recorded to demonstrate engine is used less than 10% of normal operating schedule of primary equipment. Emissions are calculated using manufacturer's factors and AP-42 to determine compliance with PBR §106.4 emission limits.

Unit ID No.	PBR No.	Version No./Date or Registration No.	Monitoring Requirement
GEN 11 103	106.511	180711	Hours of usage are recorded to demonstrate engine is used less than 10% of normal operating schedule of primary equipment. Emissions are calculated using manufacturer's factors and AP-42 to determine compliance with PBR §106.4 emission limits.
GEN 11 104	106.511	180711	Hours of usage are recorded to demonstrate engine is used less than 10% of normal operating schedule of primary equipment. Emissions are calculated using manufacturer's factors and AP-42 to determine compliance with PBR §106.4 emission limits.
GEN 11 105	106.511	180711	Hours of usage are recorded to demonstrate engine is used less than 10% of normal operating schedule of primary equipment. Emissions are calculated using manufacturer's factors and AP-42 to determine compliance with PBR §106.4 emission limits.
GEN 11 106	106.511	180711	Hours of usage are recorded to demonstrate engine is used less than 10% of normal operating schedule of primary equipment. Emissions are calculated using manufacturer's factors and AP-42 to determine compliance with PBR §106.4 emission limits.
GEN 11 107	106.511	180711	Hours of usage are recorded to demonstrate engine is used less than 10% of normal operating schedule of primary equipment. Emissions are calculated using manufacturer's factors and AP-42 to determine compliance with PBR §106.4 emission limits.
GEN 11 108	106.511	180711	Hours of usage are recorded to demonstrate engine is used less than 10% of normal operating schedule of primary equipment. Emissions are calculated using manufacturer's factors and AP-42 to determine compliance with PBR §106.4 emission limits.
GEN 11 109	106.511	180711	Hours of usage are recorded to demonstrate engine is used less than 10% of normal operating schedule of primary equipment. Emissions are calculated using manufacturer's factors and AP-42 to determine compliance with PBR §106.4 emission limits.
GEN 11 110	106.511	180711	Hours of usage are recorded to demonstrate engine is used less than 10% of normal operating schedule of primary equipment. Emissions are calculated using manufacturer's factors and AP-42 to determine compliance with PBR §106.4 emission limits.

Unit ID No.	PBR No.	Version No./Date or Registration No.	Monitoring Requirement
GEN 11 111	106.511	180711	Hours of usage are recorded to demonstrate engine is used less than 10% of normal operating schedule of primary equipment. Emissions are calculated using manufacturer's factors and AP-42 to determine compliance with PBR §106.4 emission limits.
GEN 11 112	106.511	180711	Hours of usage are recorded to demonstrate engine is used less than 10% of normal operating schedule of primary equipment. Emissions are calculated using manufacturer's factors and AP-42 to determine compliance with PBR §106.4 emission limits.
HGN 10 001	106.511	180711	Hours of usage are recorded to demonstrate engine is used less than 10% of normal operating schedule of primary equipment. Emissions are calculated using manufacturer's factors and AP-42 to determine compliance with PBR §106.4 emission limits.
HGN 11 001	106.511	180711	Hours of usage are recorded to demonstrate engine is used less than 10% of normal operating schedule of primary equipment. Emissions are calculated using manufacturer's factors and AP-42 to determine compliance with PBR §106.4 emission limits.
HGN 11 002	106.511	180711	Hours of usage are recorded to demonstrate engine is used less than 10% of normal operating schedule of primary equipment. Emissions are calculated using manufacturer's factors and AP-42 to determine compliance with PBR §106.4 emission limits.
TK 10 G001	106.472	09/04/2000	1) No visible emissions - No monitoring needed given the contents of the tank are liquids that do not produce fumes. 2) Chemicals loaded, unloaded, or stored are limited to the list found in §106.472(1)-(9). Emissions will be estimated using AP- 42 Chapter 7 to determine compliance with PBR §106.4 emission limits.
TK 10 G002	106.472	09/04/2000	1) No visible emissions - No monitoring needed given the contents of the tank are liquids that do not produce fumes. 2) Chemicals loaded, unloaded, or stored are limited to the list found in §106.472(1)-(9). Emissions will be estimated using AP- 42 Chapter 7 to determine compliance with PBR §106.4 emission limits.

Unit ID No.	PBR No.	Version No./Date or Registration No.	Monitoring Requirement
TK 10 G003	106.472	09/04/2000	1) No visible emissions - No monitoring needed given the contents of the tank are liquids that do not produce fumes. 2) Chemicals loaded, unloaded, or stored are limited to the list found in §106.472(1)-(9). Emissions will be estimated using AP- 42 Chapter 7 to determine compliance with PBR §106.4 emission limits.
TK 10 G004	106.472	09/04/2000	1) No visible emissions - No monitoring needed given the contents of the tank are liquids that do not produce fumes. 2) Chemicals loaded, unloaded, or stored are limited to the list found in §106.472(1)-(9). Emissions will be estimated using AP- 42 Chapter 7 to determine compliance with PBR §106.4 emission limits.
TK 10 G005	106.472	09/04/2000	1) No visible emissions - No monitoring needed given the contents of the tank are liquids that do not produce fumes. 2) Chemicals loaded, unloaded, or stored are limited to the list found in §106.472(1)-(9). Emissions will be estimated using AP- 42 Chapter 7 to determine compliance with PBR §106.4 emission limits.
TK 10 G006	106.472	09/04/2000	1) No visible emissions - No monitoring needed given the contents of the tank are liquids that do not produce fumes. 2) Chemicals loaded, unloaded, or stored are limited to the list found in §106.472(1)-(9). Emissions will be estimated using AP- 42 Chapter 7 to determine compliance with PBR §106.4 emission limits.
TK 10 G007	106.472	09/04/2000	1) No visible emissions - No monitoring needed given the contents of the tank are liquids that do not produce fumes. 2) Chemicals loaded, unloaded, or stored are limited to the list found in §106.472(1)-(9). Emissions will be estimated using AP- 42 Chapter 7 to determine compliance with PBR §106.4 emission limits.
TK 10 G008	106.472	09/04/2000	1) No visible emissions - No monitoring needed given the contents of the tank are liquids that do not produce fumes. 2) Chemicals loaded, unloaded, or stored are limited to the list found in §106.472(1)-(9). Emissions will be estimated using AP- 42 Chapter 7 to determine compliance with PBR §106.4 emission limits.

Unit ID No.	PBR No.	Version No./Date or Registration No.	Monitoring Requirement
TK 10 G009	106.472	09/04/2000	1) No visible emissions - No monitoring needed given the contents of the tank are liquids that do not produce fumes. 2) Chemicals loaded, unloaded, or stored are limited to the list found in §106.472(1)-(9). Emissions will be estimated using AP- 42 Chapter 7 to determine compliance with PBR §106.4 emission limits.
TK 10 G010	106.472	09/04/2000	1) No visible emissions - No monitoring needed given the contents of the tank are liquids that do not produce fumes. 2) Chemicals loaded, unloaded, or stored are limited to the list found in §106.472(1)-(9). Emissions will be estimated using AP- 42 Chapter 7 to determine compliance with PBR §106.4 emission limits.
TK 10 G011	106.472	09/04/2000	1) No visible emissions - No monitoring needed given the contents of the tank are liquids that do not produce fumes. 2) Chemicals loaded, unloaded, or stored are limited to the list found in §106.472(1)-(9). Emissions will be estimated using AP- 42 Chapter 7 to determine compliance with PBR §106.4 emission limits.
TK 10 G012	106.472	09/04/2000	1) No visible emissions - No monitoring needed given the contents of the tank are liquids that do not produce fumes. 2) Chemicals loaded, unloaded, or stored are limited to the list found in §106.472(1)-(9). Emissions will be estimated using AP- 42 Chapter 7 to determine compliance with PBR §106.4 emission limits.
TK 10 G013	106.472	09/04/2000	1) No visible emissions - No monitoring needed given the contents of the tank are liquids that do not produce fumes. 2) Chemicals loaded, unloaded, or stored are limited to the list found in §106.472(1)-(9). Emissions will be estimated using AP- 42 Chapter 7 to determine compliance with PBR §106.4 emission limits.
TK 10 G014	106.472	09/04/2000	1) No visible emissions - No monitoring needed given the contents of the tank are liquids that do not produce fumes. 2) Chemicals loaded, unloaded, or stored are limited to the list found in §106.472(1)-(9). Emissions will be estimated using AP- 42 Chapter 7 to determine compliance with PBR §106.4 emission limits.

Unit ID No.	PBR No.	Version No./Date or Registration No.	Monitoring Requirement
TK 10 G015	106.472	09/04/2000	1) No visible emissions - No monitoring needed given the contents of the tank are liquids that do not produce fumes. 2) Chemicals loaded, unloaded, or stored are limited to the list found in §106.472(1)-(9). Emissions will be estimated using AP- 42 Chapter 7 to determine compliance with PBR §106.4 emission limits.
TK 10 G016	106.472	09/04/2000	1) No visible emissions - No monitoring needed given the contents of the tank are liquids that do not produce fumes. 2) Chemicals loaded, unloaded, or stored are limited to the list found in §106.472(1)-(9). Emissions will be estimated using AP- 42 Chapter 7 to determine compliance with PBR §106.4 emission limits.
TK 10 G017	106.472	09/04/2000	1) No visible emissions - No monitoring needed given the contents of the tank are liquids that do not produce fumes. 2) Chemicals loaded, unloaded, or stored are limited to the list found in §106.472(1)-(9). Emissions will be estimated using AP- 42 Chapter 7 to determine compliance with PBR §106.4 emission limits.
TK 10 G018	106.472	09/04/2000	1) No visible emissions - No monitoring needed given the contents of the tank are liquids that do not produce fumes. 2) Chemicals loaded, unloaded, or stored are limited to the list found in §106.472(1)-(9). Emissions will be estimated using AP- 42 Chapter 7 to determine compliance with PBR §106.4 emission limits.
TK 10 G019	106.472	09/04/2000	1) No visible emissions - No monitoring needed given the contents of the tank are liquids that do not produce fumes. 2) Chemicals loaded, unloaded, or stored are limited to the list found in §106.472(1)-(9). Emissions will be estimated using AP- 42 Chapter 7 to determine compliance with PBR §106.4 emission limits.
TK 10 G020	106.472	09/04/2000	1) No visible emissions - No monitoring needed given the contents of the tank are liquids that do not produce fumes. 2) Chemicals loaded, unloaded, or stored are limited to the list found in §106.472(1)-(9). Emissions will be estimated using AP- 42 Chapter 7 to determine compliance with PBR §106.4 emission limits.

Unit ID No.	PBR No.	Version No./Date or Registration No.	Monitoring Requirement
TK 10 G021	106.472	09/04/2000	1) No visible emissions - No monitoring needed given the contents of the tank are liquids that do not produce fumes. 2) Chemicals loaded, unloaded, or stored are limited to the list found in §106.472(1)-(9). Emissions will be estimated using AP- 42 Chapter 7 to determine compliance with PBR §106.4 emission limits.
TK 10 G022	106.472	09/04/2000	1) No visible emissions - No monitoring needed given the contents of the tank are liquids that do not produce fumes. 2) Chemicals loaded, unloaded, or stored are limited to the list found in §106.472(1)-(9). Emissions will be estimated using AP- 42 Chapter 7 to determine compliance with PBR §106.4 emission limits.
TK 10 G023	106.472	09/04/2000	1) No visible emissions - No monitoring needed given the contents of the tank are liquids that do not produce fumes. 2) Chemicals loaded, unloaded, or stored are limited to the list found in §106.472(1)-(9). Emissions will be estimated using AP- 42 Chapter 7 to determine compliance with PBR §106.4 emission limits.
TK 10 G024	106.472	09/04/2000	1) No visible emissions - No monitoring needed given the contents of the tank are liquids that do not produce fumes. 2) Chemicals loaded, unloaded, or stored are limited to the list found in §106.472(1)-(9). Emissions will be estimated using AP- 42 Chapter 7 to determine compliance with PBR §106.4 emission limits.
TK 10 G025	106.472	09/04/2000	1) No visible emissions - No monitoring needed given the contents of the tank are liquids that do not produce fumes. 2) Chemicals loaded, unloaded, or stored are limited to the list found in §106.472(1)-(9). Emissions will be estimated using AP- 42 Chapter 7 to determine compliance with PBR §106.4 emission limits.
TK 10 G026	106.472	09/04/2000	1) No visible emissions - No monitoring needed given the contents of the tank are liquids that do not produce fumes. 2) Chemicals loaded, unloaded, or stored are limited to the list found in §106.472(1)-(9). Emissions will be estimated using AP- 42 Chapter 7 to determine compliance with PBR §106.4 emission limits.

Unit ID No.	PBR No.	Version No./Date or Registration No.	Monitoring Requirement
TK 10 G027	106.472	09/04/2000	1) No visible emissions - No monitoring needed given the contents of the tank are liquids that do not produce fumes. 2) Chemicals loaded, unloaded, or stored are limited to the list found in §106.472(1)-(9). Emissions will be estimated using AP- 42 Chapter 7 to determine compliance with PBR §106.4 emission limits.
TK 10 G028	106.472	09/04/2000	1) No visible emissions - No monitoring needed given the contents of the tank are liquids that do not produce fumes. 2) Chemicals loaded, unloaded, or stored are limited to the list found in §106.472(1)-(9). Emissions will be estimated using AP- 42 Chapter 7 to determine compliance with PBR §106.4 emission limits.
TK 10 G029	106.472	09/04/2000	1) No visible emissions - No monitoring needed given the contents of the tank are liquids that do not produce fumes. 2) Chemicals loaded, unloaded, or stored are limited to the list found in §106.472(1)-(9). Emissions will be estimated using AP- 42 Chapter 7 to determine compliance with PBR §106.4 emission limits.
TK 10 G030	106.472	09/04/2000	1) No visible emissions - No monitoring needed given the contents of the tank are liquids that do not produce fumes. 2) Chemicals loaded, unloaded, or stored are limited to the list found in §106.472(1)-(9). Emissions will be estimated using AP- 42 Chapter 7 to determine compliance with PBR §106.4 emission limits.
TK 10 G031	106.472	09/04/2000	1) No visible emissions - No monitoring needed given the contents of the tank are liquids that do not produce fumes. 2) Chemicals loaded, unloaded, or stored are limited to the list found in §106.472(1)-(9). Emissions will be estimated using AP- 42 Chapter 7 to determine compliance with PBR §106.4 emission limits.
TK 10 G032	106.472	09/04/2000	1) No visible emissions - No monitoring needed given the contents of the tank are liquids that do not produce fumes. 2) Chemicals loaded, unloaded, or stored are limited to the list found in §106.472(1)-(9). Emissions will be estimated using AP- 42 Chapter 7 to determine compliance with PBR §106.4 emission limits.

Unit ID No.	PBR No.	Version No./Date or Registration No.	Monitoring Requirement
TK 10 G033	106.472	09/04/2000	1) No visible emissions - No monitoring needed given the contents of the tank are liquids that do not produce fumes. 2) Chemicals loaded, unloaded, or stored are limited to the list found in §106.472(1)-(9). Emissions will be estimated using AP- 42 Chapter 7 to determine compliance with PBR §106.4 emission limits.
TK 10 G034	106.472	09/04/2000	1) No visible emissions - No monitoring needed given the contents of the tank are liquids that do not produce fumes. 2) Chemicals loaded, unloaded, or stored are limited to the list found in §106.472(1)-(9). Emissions will be estimated using AP- 42 Chapter 7 to determine compliance with PBR §106.4 emission limits.
TK 10 G035	106.472	09/04/2000	1) No visible emissions - No monitoring needed given the contents of the tank are liquids that do not produce fumes. 2) Chemicals loaded, unloaded, or stored are limited to the list found in §106.472(1)-(9). Emissions will be estimated using AP- 42 Chapter 7 to determine compliance with PBR §106.4 emission limits.
TK 10 G036	106.472	09/04/2000	1) No visible emissions - No monitoring needed given the contents of the tank are liquids that do not produce fumes. 2) Chemicals loaded, unloaded, or stored are limited to the list found in §106.472(1)-(9). Emissions will be estimated using AP- 42 Chapter 7 to determine compliance with PBR §106.4 emission limits.
TK 10 G037	106.472	09/04/2000	1) No visible emissions - No monitoring needed given the contents of the tank are liquids that do not produce fumes. 2) Chemicals loaded, unloaded, or stored are limited to the list found in §106.472(1)-(9). Emissions will be estimated using AP- 42 Chapter 7 to determine compliance with PBR §106.4 emission limits.
TK 10 G038	106.472	09/04/2000	1) No visible emissions - No monitoring needed given the contents of the tank are liquids that do not produce fumes. 2) Chemicals loaded, unloaded, or stored are limited to the list found in §106.472(1)-(9). Emissions will be estimated using AP- 42 Chapter 7 to determine compliance with PBR §106.4 emission limits.

Unit ID No.	PBR No.	Version No./Date or Registration No.	Monitoring Requirement
TK 10 G039	106.472	09/04/2000	1) No visible emissions - No monitoring needed given the contents of the tank are liquids that do not produce fumes. 2) Chemicals loaded, unloaded, or stored are limited to the list found in §106.472(1)-(9). Emissions will be estimated using AP- 42 Chapter 7 to determine compliance with PBR §106.4 emission limits.
TK 10 G040	106.472	09/04/2000	1) No visible emissions - No monitoring needed given the contents of the tank are liquids that do not produce fumes. 2) Chemicals loaded, unloaded, or stored are limited to the list found in §106.472(1)-(9). Emissions will be estimated using AP- 42 Chapter 7 to determine compliance with PBR §106.4 emission limits.
TK 10 G041	106.472	09/04/2000	1) No visible emissions - No monitoring needed given the contents of the tank are liquids that do not produce fumes. 2) Chemicals loaded, unloaded, or stored are limited to the list found in §106.472(1)-(9). Emissions will be estimated using AP- 42 Chapter 7 to determine compliance with PBR §106.4 emission limits.
TK 10 G042	106.472	09/04/2000	1) No visible emissions - No monitoring needed given the contents of the tank are liquids that do not produce fumes. 2) Chemicals loaded, unloaded, or stored are limited to the list found in §106.472(1)-(9). Emissions will be estimated using AP- 42 Chapter 7 to determine compliance with PBR §106.4 emission limits.
TK 10 G043	106.472	09/04/2000	1) No visible emissions - No monitoring needed given the contents of the tank are liquids that do not produce fumes. 2) Chemicals loaded, unloaded, or stored are limited to the list found in §106.472(1)-(9). Emissions will be estimated using AP- 42 Chapter 7 to determine compliance with PBR §106.4 emission limits.
TK 10 G044	106.472	09/04/2000	1) No visible emissions - No monitoring needed given the contents of the tank are liquids that do not produce fumes. 2) Chemicals loaded, unloaded, or stored are limited to the list found in §106.472(1)-(9). Emissions will be estimated using AP- 42 Chapter 7 to determine compliance with PBR §106.4 emission limits.

Unit ID No.	PBR No.	Version No./Date or Registration No.	Monitoring Requirement
TK 10 G045	106.472	09/04/2000	1) No visible emissions - No monitoring needed given the contents of the tank are liquids that do not produce fumes. 2) Chemicals loaded, unloaded, or stored are limited to the list found in §106.472(1)-(9). Emissions will be estimated using AP- 42 Chapter 7 to determine compliance with PBR §106.4 emission limits.
TK 10 G046	106.472	09/04/2000	1) No visible emissions - No monitoring needed given the contents of the tank are liquids that do not produce fumes. 2) Chemicals loaded, unloaded, or stored are limited to the list found in §106.472(1)-(9). Emissions will be estimated using AP- 42 Chapter 7 to determine compliance with PBR §106.4 emission limits.
TK 10 G047	106.472	09/04/2000	1) No visible emissions - No monitoring needed given the contents of the tank are liquids that do not produce fumes. 2) Chemicals loaded, unloaded, or stored are limited to the list found in §106.472(1)-(9). Emissions will be estimated using AP- 42 Chapter 7 to determine compliance with PBR §106.4 emission limits.
TK 10 G048	106.472	09/04/2000	1) No visible emissions - No monitoring needed given the contents of the tank are liquids that do not produce fumes. 2) Chemicals loaded, unloaded, or stored are limited to the list found in §106.472(1)-(9). Emissions will be estimated using AP- 42 Chapter 7 to determine compliance with PBR §106.4 emission limits.
TK 10 G049	106.472	09/04/2000	1) No visible emissions - No monitoring needed given the contents of the tank are liquids that do not produce fumes. 2) Chemicals loaded, unloaded, or stored are limited to the list found in §106.472(1)-(9). Emissions will be estimated using AP- 42 Chapter 7 to determine compliance with PBR §106.4 emission limits.
TK 10 G050	106.472	09/04/2000	1) No visible emissions - No monitoring needed given the contents of the tank are liquids that do not produce fumes. 2) Chemicals loaded, unloaded, or stored are limited to the list found in §106.472(1)-(9). Emissions will be estimated using AP- 42 Chapter 7 to determine compliance with PBR §106.4 emission limits.

Unit ID No.	PBR No.	Version No./Date or Registration No.	Monitoring Requirement
TK 10 G051	106.472	09/04/2000	1) No visible emissions - No monitoring needed given the contents of the tank are liquids that do not produce fumes. 2) Chemicals loaded, unloaded, or stored are limited to the list found in §106.472(1)-(9). Emissions will be estimated using AP- 42 Chapter 7 to determine compliance with PBR §106.4 emission limits.
TK 10 G052	106.472	09/04/2000	1) No visible emissions - No monitoring needed given the contents of the tank are liquids that do not produce fumes. 2) Chemicals loaded, unloaded, or stored are limited to the list found in §106.472(1)-(9). Emissions will be estimated using AP- 42 Chapter 7 to determine compliance with PBR §106.4 emission limits.
TK 10 G053	106.472	09/04/2000	1) No visible emissions - No monitoring needed given the contents of the tank are liquids that do not produce fumes. 2) Chemicals loaded, unloaded, or stored are limited to the list found in §106.472(1)-(9). Emissions will be estimated using AP- 42 Chapter 7 to determine compliance with PBR §106.4 emission limits.
TK 10 G054	106.472	09/04/2000	1) No visible emissions - No monitoring needed given the contents of the tank are liquids that do not produce fumes. 2) Chemicals loaded, unloaded, or stored are limited to the list found in §106.472(1)-(9). Emissions will be estimated using AP- 42 Chapter 7 to determine compliance with PBR §106.4 emission limits.
TK 10 G055	106.472	09/04/2000	1) No visible emissions - No monitoring needed given the contents of the tank are liquids that do not produce fumes. 2) Chemicals loaded, unloaded, or stored are limited to the list found in §106.472(1)-(9). Emissions will be estimated using AP- 42 Chapter 7 to determine compliance with PBR §106.4 emission limits.
TK 10 G056	106.472	09/04/2000	1) No visible emissions - No monitoring needed given the contents of the tank are liquids that do not produce fumes. 2) Chemicals loaded, unloaded, or stored are limited to the list found in §106.472(1)-(9). Emissions will be estimated using AP- 42 Chapter 7 to determine compliance with PBR §106.4 emission limits.

Unit ID No.	PBR No.	Version No./Date or Registration No.	Monitoring Requirement
TK 11 G057	106.472	09/04/2000	1) No visible emissions - No monitoring needed given the contents of the tank are liquids that do not produce fumes. 2) Chemicals loaded, unloaded, or stored are limited to the list found in §106.472(1)-(9). Emissions will be estimated using AP- 42 Chapter 7 to determine compliance with PBR §106.4 emission limits.
TK 11 G058	106.472	09/04/2000	1) No visible emissions - No monitoring needed given the contents of the tank are liquids that do not produce fumes. 2) Chemicals loaded, unloaded, or stored are limited to the list found in §106.472(1)-(9). Emissions will be estimated using AP- 42 Chapter 7 to determine compliance with PBR §106.4 emission limits.
TK 11 G059	106.472	09/04/2000	1) No visible emissions - No monitoring needed given the contents of the tank are liquids that do not produce fumes. 2) Chemicals loaded, unloaded, or stored are limited to the list found in §106.472(1)-(9). Emissions will be estimated using AP- 42 Chapter 7 to determine compliance with PBR §106.4 emission limits.
TK 11 G060	106.472	09/04/2000	1) No visible emissions - No monitoring needed given the contents of the tank are liquids that do not produce fumes. 2) Chemicals loaded, unloaded, or stored are limited to the list found in §106.472(1)-(9). Emissions will be estimated using AP- 42 Chapter 7 to determine compliance with PBR §106.4 emission limits.
TK 11 G061	106.472	09/04/2000	1) No visible emissions - No monitoring needed given the contents of the tank are liquids that do not produce fumes. 2) Chemicals loaded, unloaded, or stored are limited to the list found in §106.472(1)-(9). Emissions will be estimated using AP- 42 Chapter 7 to determine compliance with PBR §106.4 emission limits.
TK 11 G062	106.472	09/04/2000	1) No visible emissions - No monitoring needed given the contents of the tank are liquids that do not produce fumes. 2) Chemicals loaded, unloaded, or stored are limited to the list found in §106.472(1)-(9). Emissions will be estimated using AP- 42 Chapter 7 to determine compliance with PBR §106.4 emission limits.

Unit ID No.	PBR No.	Version No./Date or Registration No.	Monitoring Requirement
TK 11 G063	106.472	09/04/2000	1) No visible emissions - No monitoring needed given the contents of the tank are liquids that do not produce fumes. 2) Chemicals loaded, unloaded, or stored are limited to the list found in §106.472(1)-(9). Emissions will be estimated using AP- 42 Chapter 7 to determine compliance with PBR §106.4 emission limits.
TK 11 G064	106.472	09/04/2000	1) No visible emissions - No monitoring needed given the contents of the tank are liquids that do not produce fumes. 2) Chemicals loaded, unloaded, or stored are limited to the list found in §106.472(1)-(9). Emissions will be estimated using AP- 42 Chapter 7 to determine compliance with PBR §106.4 emission limits.
TK 11 G065	106.472	09/04/2000	1) No visible emissions - No monitoring needed given the contents of the tank are liquids that do not produce fumes. 2) Chemicals loaded, unloaded, or stored are limited to the list found in §106.472(1)-(9). Emissions will be estimated using AP- 42 Chapter 7 to determine compliance with PBR §106.4 emission limits.
TK 11 G066	106.472	09/04/2000	1) No visible emissions - No monitoring needed given the contents of the tank are liquids that do not produce fumes. 2) Chemicals loaded, unloaded, or stored are limited to the list found in §106.472(1)-(9). Emissions will be estimated using AP- 42 Chapter 7 to determine compliance with PBR §106.4 emission limits.
TK 11 G067	106.472	09/04/2000	1) No visible emissions - No monitoring needed given the contents of the tank are liquids that do not produce fumes. 2) Chemicals loaded, unloaded, or stored are limited to the list found in §106.472(1)-(9). Emissions will be estimated using AP- 42 Chapter 7 to determine compliance with PBR §106.4 emission limits.
TK 11 G068	106.472	09/04/2000	1) No visible emissions - No monitoring needed given the contents of the tank are liquids that do not produce fumes. 2) Chemicals loaded, unloaded, or stored are limited to the list found in §106.472(1)-(9). Emissions will be estimated using AP- 42 Chapter 7 to determine compliance with PBR §106.4 emission limits.

Unit ID No.	PBR No.	Version No./Date or Registration No.	Monitoring Requirement
TK 11 G069	106.472	09/04/2000	1) No visible emissions - No monitoring needed given the contents of the tank are liquids that do not produce fumes. 2) Chemicals loaded, unloaded, or stored are limited to the list found in §106.472(1)-(9). Emissions will be estimated using AP- 42 Chapter 7 to determine compliance with PBR §106.4 emission limits.
TK 11 G070	106.472	09/04/2000	1) No visible emissions - No monitoring needed given the contents of the tank are liquids that do not produce fumes. 2) Chemicals loaded, unloaded, or stored are limited to the list found in §106.472(1)-(9). Emissions will be estimated using AP- 42 Chapter 7 to determine compliance with PBR §106.4 emission limits.
TK 11 G071	106.472	09/04/2000	1) No visible emissions - No monitoring needed given the contents of the tank are liquids that do not produce fumes. 2) Chemicals loaded, unloaded, or stored are limited to the list found in §106.472(1)-(9). Emissions will be estimated using AP- 42 Chapter 7 to determine compliance with PBR §106.4 emission limits.
TK 11 G072	106.472	09/04/2000	1) No visible emissions - No monitoring needed given the contents of the tank are liquids that do not produce fumes. 2) Chemicals loaded, unloaded, or stored are limited to the list found in §106.472(1)-(9). Emissions will be estimated using AP- 42 Chapter 7 to determine compliance with PBR §106.4 emission limits.
TK 11 G073	106.472	09/04/2000	1) No visible emissions - No monitoring needed given the contents of the tank are liquids that do not produce fumes. 2) Chemicals loaded, unloaded, or stored are limited to the list found in §106.472(1)-(9). Emissions will be estimated using AP- 42 Chapter 7 to determine compliance with PBR §106.4 emission limits.
TK 11 G074	106.472	09/04/2000	1) No visible emissions - No monitoring needed given the contents of the tank are liquids that do not produce fumes. 2) Chemicals loaded, unloaded, or stored are limited to the list found in §106.472(1)-(9). Emissions will be estimated using AP- 42 Chapter 7 to determine compliance with PBR §106.4 emission limits.

Unit ID No.	PBR No.	Version No./Date or Registration No.	Monitoring Requirement
TK 11 G075	106.472	09/04/2000	1) No visible emissions - No monitoring needed given the contents of the tank are liquids that do not produce fumes. 2) Chemicals loaded, unloaded, or stored are limited to the list found in §106.472(1)-(9). Emissions will be estimated using AP- 42 Chapter 7 to determine compliance with PBR §106.4 emission limits.
TK 11 G076	106.472	09/04/2000	1) No visible emissions - No monitoring needed given the contents of the tank are liquids that do not produce fumes. 2) Chemicals loaded, unloaded, or stored are limited to the list found in §106.472(1)-(9). Emissions will be estimated using AP- 42 Chapter 7 to determine compliance with PBR §106.4 emission limits.
TK 11 G077	106.472	09/04/2000	1) No visible emissions - No monitoring needed given the contents of the tank are liquids that do not produce fumes. 2) Chemicals loaded, unloaded, or stored are limited to the list found in §106.472(1)-(9). Emissions will be estimated using AP- 42 Chapter 7 to determine compliance with PBR §106.4 emission limits.
TK 11 G078	106.472	09/04/2000	1) No visible emissions - No monitoring needed given the contents of the tank are liquids that do not produce fumes. 2) Chemicals loaded, unloaded, or stored are limited to the list found in §106.472(1)-(9). Emissions will be estimated using AP- 42 Chapter 7 to determine compliance with PBR §106.4 emission limits.
TK 11 G079	106.472	09/04/2000	1) No visible emissions - No monitoring needed given the contents of the tank are liquids that do not produce fumes. 2) Chemicals loaded, unloaded, or stored are limited to the list found in §106.472(1)-(9). Emissions will be estimated using AP- 42 Chapter 7 to determine compliance with PBR §106.4 emission limits.
TK 11 G080	106.472	09/04/2000	1) No visible emissions - No monitoring needed given the contents of the tank are liquids that do not produce fumes. 2) Chemicals loaded, unloaded, or stored are limited to the list found in §106.472(1)-(9). Emissions will be estimated using AP- 42 Chapter 7 to determine compliance with PBR §106.4 emission limits.

Unit ID No.	PBR No.	Version No./Date or Registration No.	Monitoring Requirement
TK 11 G081	106.472	09/04/2000	1) No visible emissions - No monitoring needed given the contents of the tank are liquids that do not produce fumes. 2) Chemicals loaded, unloaded, or stored are limited to the list found in §106.472(1)-(9). Emissions will be estimated using AP- 42 Chapter 7 to determine compliance with PBR §106.4 emission limits.
TK 11 G082	106.472	09/04/2000	1) No visible emissions - No monitoring needed given the contents of the tank are liquids that do not produce fumes. 2) Chemicals loaded, unloaded, or stored are limited to the list found in §106.472(1)-(9). Emissions will be estimated using AP- 42 Chapter 7 to determine compliance with PBR §106.4 emission limits.
TK 11 G083	106.472	09/04/2000	1) No visible emissions - No monitoring needed given the contents of the tank are liquids that do not produce fumes. 2) Chemicals loaded, unloaded, or stored are limited to the list found in §106.472(1)-(9). Emissions will be estimated using AP- 42 Chapter 7 to determine compliance with PBR §106.4 emission limits.
TK 11 G084	106.472	09/04/2000	1) No visible emissions - No monitoring needed given the contents of the tank are liquids that do not produce fumes. 2) Chemicals loaded, unloaded, or stored are limited to the list found in §106.472(1)-(9). Emissions will be estimated using AP- 42 Chapter 7 to determine compliance with PBR §106.4 emission limits.
TK 11 G085	106.472	09/04/2000	1) No visible emissions - No monitoring needed given the contents of the tank are liquids that do not produce fumes. 2) Chemicals loaded, unloaded, or stored are limited to the list found in §106.472(1)-(9). Emissions will be estimated using AP- 42 Chapter 7 to determine compliance with PBR §106.4 emission limits.
TK 11 G086	106.472	09/04/2000	1) No visible emissions - No monitoring needed given the contents of the tank are liquids that do not produce fumes. 2) Chemicals loaded, unloaded, or stored are limited to the list found in §106.472(1)-(9). Emissions will be estimated using AP- 42 Chapter 7 to determine compliance with PBR §106.4 emission limits.

Unit ID No.	PBR No.	Version No./Date or Registration No.	Monitoring Requirement
TK 11 G087	106.472	09/04/2000	1) No visible emissions - No monitoring needed given the contents of the tank are liquids that do not produce fumes. 2) Chemicals loaded, unloaded, or stored are limited to the list found in §106.472(1)-(9). Emissions will be estimated using AP- 42 Chapter 7 to determine compliance with PBR §106.4 emission limits.
TK 11 G088	106.472	09/04/2000	1) No visible emissions - No monitoring needed given the contents of the tank are liquids that do not produce fumes. 2) Chemicals loaded, unloaded, or stored are limited to the list found in §106.472(1)-(9). Emissions will be estimated using AP- 42 Chapter 7 to determine compliance with PBR §106.4 emission limits.
TK 11 G089	106.472	09/04/2000	1) No visible emissions - No monitoring needed given the contents of the tank are liquids that do not produce fumes. 2) Chemicals loaded, unloaded, or stored are limited to the list found in §106.472(1)-(9). Emissions will be estimated using AP- 42 Chapter 7 to determine compliance with PBR §106.4 emission limits.
TK 11 G090	106.472	09/04/2000	1) No visible emissions - No monitoring needed given the contents of the tank are liquids that do not produce fumes. 2) Chemicals loaded, unloaded, or stored are limited to the list found in §106.472(1)-(9). Emissions will be estimated using AP- 42 Chapter 7 to determine compliance with PBR §106.4 emission limits.
TK 11 G091	106.472	09/04/2000	1) No visible emissions - No monitoring needed given the contents of the tank are liquids that do not produce fumes. 2) Chemicals loaded, unloaded, or stored are limited to the list found in §106.472(1)-(9). Emissions will be estimated using AP- 42 Chapter 7 to determine compliance with PBR §106.4 emission limits.
TK 11 G092	106.472	09/04/2000	1) No visible emissions - No monitoring needed given the contents of the tank are liquids that do not produce fumes. 2) Chemicals loaded, unloaded, or stored are limited to the list found in §106.472(1)-(9). Emissions will be estimated using AP- 42 Chapter 7 to determine compliance with PBR §106.4 emission limits.

Unit ID No.	PBR No.	Version No./Date or Registration No.	Monitoring Requirement
TK 11 G093	106.472	09/04/2000	1) No visible emissions - No monitoring needed given the contents of the tank are liquids that do not produce fumes. 2) Chemicals loaded, unloaded, or stored are limited to the list found in §106.472(1)-(9). Emissions will be estimated using AP- 42 Chapter 7 to determine compliance with PBR §106.4 emission limits.
TK 11 G094	106.472	09/04/2000	1) No visible emissions - No monitoring needed given the contents of the tank are liquids that do not produce fumes. 2) Chemicals loaded, unloaded, or stored are limited to the list found in §106.472(1)-(9). Emissions will be estimated using AP- 42 Chapter 7 to determine compliance with PBR §106.4 emission limits.
TK 11 G095	106.472	09/04/2000	1) No visible emissions - No monitoring needed given the contents of the tank are liquids that do not produce fumes. 2) Chemicals loaded, unloaded, or stored are limited to the list found in §106.472(1)-(9). Emissions will be estimated using AP- 42 Chapter 7 to determine compliance with PBR §106.4 emission limits.
TK 11 G096	106.472	09/04/2000	1) No visible emissions - No monitoring needed given the contents of the tank are liquids that do not produce fumes. 2) Chemicals loaded, unloaded, or stored are limited to the list found in §106.472(1)-(9). Emissions will be estimated using AP- 42 Chapter 7 to determine compliance with PBR §106.4 emission limits.
TK 11 G097	106.472	09/04/2000	1) No visible emissions - No monitoring needed given the contents of the tank are liquids that do not produce fumes. 2) Chemicals loaded, unloaded, or stored are limited to the list found in §106.472(1)-(9). Emissions will be estimated using AP- 42 Chapter 7 to determine compliance with PBR §106.4 emission limits.
TK 11 G098	106.472	09/04/2000	1) No visible emissions - No monitoring needed given the contents of the tank are liquids that do not produce fumes. 2) Chemicals loaded, unloaded, or stored are limited to the list found in §106.472(1)-(9). Emissions will be estimated using AP- 42 Chapter 7 to determine compliance with PBR §106.4 emission limits.

Unit ID No.	PBR No.	Version No./Date or Registration No.	Monitoring Requirement
TK 11 G099	106.472	09/04/2000	1) No visible emissions - No monitoring needed given the contents of the tank are liquids that do not produce fumes. 2) Chemicals loaded, unloaded, or stored are limited to the list found in §106.472(1)-(9). Emissions will be estimated using AP- 42 Chapter 7 to determine compliance with PBR §106.4 emission limits.
TK 11 G100	106.472	09/04/2000	1) No visible emissions - No monitoring needed given the contents of the tank are liquids that do not produce fumes. 2) Chemicals loaded, unloaded, or stored are limited to the list found in §106.472(1)-(9). Emissions will be estimated using AP- 42 Chapter 7 to determine compliance with PBR §106.4 emission limits.
TK 11 G101	106.472	09/04/2000	1) No visible emissions - No monitoring needed given the contents of the tank are liquids that do not produce fumes. 2) Chemicals loaded, unloaded, or stored are limited to the list found in §106.472(1)-(9). Emissions will be estimated using AP- 42 Chapter 7 to determine compliance with PBR §106.4 emission limits.
TK 11 G102	106.472	09/04/2000	1) No visible emissions - No monitoring needed given the contents of the tank are liquids that do not produce fumes. 2) Chemicals loaded, unloaded, or stored are limited to the list found in §106.472(1)-(9). Emissions will be estimated using AP- 42 Chapter 7 to determine compliance with PBR §106.4 emission limits.
TK 11 G103	106.472	09/04/2000	1) No visible emissions - No monitoring needed given the contents of the tank are liquids that do not produce fumes. 2) Chemicals loaded, unloaded, or stored are limited to the list found in §106.472(1)-(9). Emissions will be estimated using AP- 42 Chapter 7 to determine compliance with PBR §106.4 emission limits.
TK 11 G104	106.472	09/04/2000	1) No visible emissions - No monitoring needed given the contents of the tank are liquids that do not produce fumes. 2) Chemicals loaded, unloaded, or stored are limited to the list found in §106.472(1)-(9). Emissions will be estimated using AP- 42 Chapter 7 to determine compliance with PBR §106.4 emission limits.

Unit ID No.	PBR No.	Version No./Date or Registration No.	Monitoring Requirement
TK 11 G105	106.472	09/04/2000	1) No visible emissions - No monitoring needed given the contents of the tank are liquids that do not produce fumes. 2) Chemicals loaded, unloaded, or stored are limited to the list found in §106.472(1)-(9). Emissions will be estimated using AP- 42 Chapter 7 to determine compliance with PBR §106.4 emission limits.
TK 11 G106	106.472	09/04/2000	1) No visible emissions - No monitoring needed given the contents of the tank are liquids that do not produce fumes. 2) Chemicals loaded, unloaded, or stored are limited to the list found in §106.472(1)-(9). Emissions will be estimated using AP- 42 Chapter 7 to determine compliance with PBR §106.4 emission limits.
TK 11 G107	106.472	09/04/2000	1) No visible emissions - No monitoring needed given the contents of the tank are liquids that do not produce fumes. 2) Chemicals loaded, unloaded, or stored are limited to the list found in §106.472(1)-(9). Emissions will be estimated using AP- 42 Chapter 7 to determine compliance with PBR §106.4 emission limits.
TK 11 G108	106.472	09/04/2000	1) No visible emissions - No monitoring needed given the contents of the tank are liquids that do not produce fumes. 2) Chemicals loaded, unloaded, or stored are limited to the list found in §106.472(1)-(9). Emissions will be estimated using AP- 42 Chapter 7 to determine compliance with PBR §106.4 emission limits.
TK 11 G109	106.472	09/04/2000	1) No visible emissions - No monitoring needed given the contents of the tank are liquids that do not produce fumes. 2) Chemicals loaded, unloaded, or stored are limited to the list found in §106.472(1)-(9). Emissions will be estimated using AP- 42 Chapter 7 to determine compliance with PBR §106.4 emission limits.
TK 11 G110	106.472	09/04/2000	1) No visible emissions - No monitoring needed given the contents of the tank are liquids that do not produce fumes. 2) Chemicals loaded, unloaded, or stored are limited to the list found in §106.472(1)-(9). Emissions will be estimated using AP- 42 Chapter 7 to determine compliance with PBR §106.4 emission limits.

Unit ID No.	PBR No.	Version No./Date or Registration No.	Monitoring Requirement
TK 11 G111	106.472	09/04/2000	1) No visible emissions - No monitoring needed given the contents of the tank are liquids that do not produce fumes. 2) Chemicals loaded, unloaded, or stored are limited to the list found in §106.472(1)-(9). Emissions will be estimated using AP- 42 Chapter 7 to determine compliance with PBR §106.4 emission limits.
TK 11 G112	106.472	09/04/2000	1) No visible emissions - No monitoring needed given the contents of the tank are liquids that do not produce fumes. 2) Chemicals loaded, unloaded, or stored are limited to the list found in §106.472(1)-(9). Emissions will be estimated using AP- 42 Chapter 7 to determine compliance with PBR §106.4 emission limits.
TK 10 H001	106.472	09/04/2000	1) No visible emissions - No monitoring needed given the contents of the tank are liquids that do not produce fumes. 2) Chemicals loaded, unloaded, or stored are limited to the list found in §106.472(1)-(9). Emissions will be estimated using AP- 42 Chapter 7 to determine compliance with PBR §106.4 emission limits.
TK 11 H001	106.472	09/04/2000	1) No visible emissions - No monitoring needed given the contents of the tank are liquids that do not produce fumes. 2) Chemicals loaded, unloaded, or stored are limited to the list found in §106.472(1)-(9). Emissions will be estimated using AP- 42 Chapter 7 to determine compliance with PBR §106.4 emission limits.
TK 11 H002	106.472	09/04/2000	1) No visible emissions - No monitoring needed given the contents of the tank are liquids that do not produce fumes. 2) Chemicals loaded, unloaded, or stored are limited to the list found in §106.472(1)-(9). Emissions will be estimated using AP- 42 Chapter 7 to determine compliance with PBR §106.4 emission limits.

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Form OP-REQ2 - Negative Applicable/Superseded Requirement Determinations

Unit AI	Revision No.	Unit ID No.	Potentially Applicable Regulatory Name	Negative Applicability/Superseded Requirement Citation	Negative Applicability/Superseded Requirement Reason
		GRP-GEN1	30 TAC Chapter 112, Sulfur Compounds	§ 112.9(a)	Not a steam generator, furnace, or heater.
		GRP-GEN2	30 TAC Chapter 112, Sulfur Compounds	§ 112.9(a)	Not a steam generator, furnace, or heater.

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Table 2a: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart *ZZZZ*: National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines

Unit ID No.	SOP/GOP Index No.	HAP Source	Brake HP	Construction/ Reconstruction Date	Nonindustrial Emergency Engine	Service Type	Stationary RICE Type
GRP-GEN1	63ZZZZ-GRP-GEN1	AREA	500+	06+			
GRP-GEN2	63ZZZZ-GRP-GEN2	AREA	500+	06+			

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Table 5a: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)
Subpart IIII: Standards of Performance for Stationary Compression Ignition Internal Combustion Engines

Unit ID No.	SOP/GOP Index No.	Applicability Date	Exemptions	Service	Commencing	Manufacture Date
GRP-GEN1	60IIII-GRP-GEN1	2005+	NONE	EMERG	CON	0406+
GRP-GEN2	60IIII-GRP-GEN2	2005+	NONE	EMERG	CON	0406+

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Table 5b: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)
Subpart IIII: Standards of Performance for Stationary Compression Ignition Internal Combustion Engines

Unit ID No.	SOP/GOP Index No.	Diesel	AES No.	Displacement	Generator Set	Model Year	Install Date
GRP-GEN1	60IIII-GRP-GEN1	DIESEL		10-		2017+	
GRP-GEN2	60IIII-GRP-GEN2	DIESEL		10-		2017+	

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Table 5c: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)
Subpart IIII: Standards of Performance for Stationary Compression Ignition Internal Combustion Engines

Unit ID No.	SOP/GOP Index No.	Kilowatts	Filter	AECD	Standard	Compliance Option	PM Compliance	Options
GRP-GEN1	60IIII-GRP-GEN1	E2237+		NO	YES	MANU YES		
GRP-GEN2	60IIII-GRP-GEN2	E560-2237		NO	YES	MANU YES		

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OP-UA3 – Storage Tank Vessel Attributes

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Table 29a	40 CFR Part 63, Subpart EEEE: National Emission Standards for Hazardous Air Pollutants: Organic Liquids Distributions (Non-Gasoline)	Page 75	
Table 29b	40 CFR Part 63, Subpart EEEE: National Emission Standards for Hazardous Air Pollutants: Organic Liquids Distributions (Non-Gasoline)	Page 76	
Table 29c	40 CFR Part 63, Subpart EEEE: National Emission Standards for Hazardous Air Pollutants: Organic Liquids Distributions (Non-Gasoline)	Page 77	

PIP - Public Involvement Plan Form for Permit and Registration Applications

Texas Commission on Environmental Quality

Public Involvement Plan Form for Permit and Registration Applications

The Public Involvement Plan is intended to provide applicants and the agency with information about how public outreach will be accomplished for certain types of applications in certain geographical areas of the state. It is intended to apply to new activities; major changes at existing plants, facilities, and processes; and to activities which are likely to have significant interest from the public. This preliminary screening is designed to identify applications that will benefit from an initial assessment of the need for enhanced public outreach.

All applicable sections of this form should be completed and submitted with the permit or registration application. For instructions on how to complete this form, see TCEQ-20960-inst.

Section 1. Preliminary Screening

☒ New Permit or Registration Application

☐ New Activity – modification, registration, amendment, facility, etc. (see instructions)

If neither of the above boxes are checked, completion of the form is not required and does not need to be submitted.

Section 2. Secondary Screening

☒ Requires public notice,

☒ Considered to have significant public interest, **and**

☒ Located within any of the following geographical locations:

- Austin
- Dallas
- Fort Worth
- Houston
- San Antonio
- West Texas
- Texas Panhandle
- Along the Texas/Mexico Border
- Other geographical locations should be decided on a case-by-case basis

If all the above boxes are not checked, a Public Involvement Plan is not necessary. Stop after Section 2 and submit the form.

☐ Public Involvement Plan not applicable to this application. Provide **brief** explanation.

Section 3. Application Information

Type of Application (check all that apply):

Air ☒ Initial ☒ Federal ☐ Amendment ☐ Standard Permit ☒ Title V

Waste ☐ Municipal Solid Waste ☐ Industrial and Hazardous Waste ☐ Scrap Tire
☐ Radioactive Material Licensing ☐ Underground Injection Control

Water Quality

☐ Texas Pollutant Discharge Elimination System (TPDES)

- ☐ Texas Land Application Permit (TLAP)
- ☐ State Only Concentrated Animal Feeding Operation (CAFO)
- ☐ Water Treatment Plant Residuals Disposal Permit

☐ Class B Biosolids Land Application Permit

☐ Domestic Septage Land Application Registration

Water Rights New Permit

☐ New Appropriation of Water

☐ New or existing reservoir

Amendment to an Existing Water Right

☐ Add a New Appropriation of Water

☐ Add a New or Existing Reservoir

☐ Major Amendment that could affect other water rights or the environment

Section 4. Plain Language Summary

Provide a brief description of planned activities.

The facility provides a data processing and storage space for clients. Emergency generators and associated belly tanks provide electricity for the site's operations in the event of an emergency.

Section 5. Community and Demographic Information

Community information can be found using EPA's EJ Screen, U.S. Census Bureau information, or generally available demographic tools.

Information gathered in this section can assist with the determination of whether alternative language notice is necessary. Please provide the following information.

Whitney

(City)

Bosque

(County)

9504

(Census Tract)

Please indicate which of these three is the level used for gathering the following information.

☐ City ☒ County ☐ Census Tract

(a) Percent of people over 25 years of age who at least graduated from high school

88%

(b) Per capita income for population near the specified location

$32,990

(c) Percent of minority population and percent of population by race within the specified location

One Race, Non-Hispanic - Black: 2%; American Indian: 0%; Asian: 1%; Native Hawaiian and Other Pacific Islander: 0% // Hispanic or Latino only - 20%

(d) Percent of Linguistically Isolated Households by language within the specified location

Linguistically Isolated Households: 1% total (84% Spanish, 1% other Indo-European, 15% Asian-Pacific Island, and 0% other)

(e) Languages commonly spoken in area by percentage

English only: 84% // Other, non-English Languages: Spanish 15%; Other Indo-European 0%; Asian and Pacific Island 1%; Other 0%

(f) Community and/or Stakeholder Groups

Information not available.

(g) Historic public interest or involvement

Information not available.

Section 6. Planned Public Outreach Activities

(a) Is this application subject to the public participation requirements of Title 30 Texas Administrative Code (30 TAC) Chapter 39?

☒ Yes ☐ No

(b) If yes, do you intend at this time to provide public outreach other than what is required by rule?

☐ Yes ☒ No

If Yes, please describe.

If you answered "yes" that this application is subject to 30 TAC Chapter 39, answering the remaining questions in Section 6 is not required.

(c) Will you provide notice of this application in alternative languages?

☒ Yes ☐ No

Please refer to Section 5. If more than 5% of the population potentially affected by your application is Limited English Proficient, then you are required to provide notice in the alternative language.

If yes, how will you provide notice in alternative languages?

☑ Publish in alternative language newspaper

☐ Posted on Commissioner's Integrated Database Website

☐ Mailed by TCEQ's Office of the Chief Clerk

☐ Other (specify)

(d) Is there an opportunity for some type of public meeting, including after notice?

☐ Yes ☒ No

(e) If a public meeting is held, will a translator be provided if requested?

☐ Yes ☐ No

(f) Hard copies of the application will be available at the following (check all that apply):

☐ TCEQ Regional Office ☐ TCEQ Central Office

☑ Public Place (specify) Laguna Park Library in Clifton, TX

Section 7. Voluntary Submittal

For applicants voluntarily providing this Public Involvement Plan, who are not subject to formal public participation requirements.

Will you provide notice of this application, including notice in alternative languages?

☐ Yes ☐ No

What types of notice will be provided?

☐ Publish in alternative language newspaper

☐ Posted on Commissioner's Integrated Database Website

☐ Mailed by TCEQ's Office of the Chief Clerk

☐ Other (specify)

Laguna Park Library, Clifton, TX

Search For 500 Dollar Homes
Search for Unsold Properties Only 500$ on Yahoo
Yahoo

Laguna Park Library
356 Highway 22, Clifton, TX 76634
(254) 622-2665
lagunaparklibrary@yahoo.com
Message us on Facebook

Search For 500 Dollar Homes
Search for Unsold Properties Only 500$ on Yahoo
Yahoo

updated on 2/7/2025

WRITE REVIEW | REQUEST A QUOTE | REPORT INCORRECT DATA | SHARE

OPENING HOURS

Open now, closes in 1 hour

Friday	10:00 AM - 5:00 PM
Saturday	*10:00 AM - 2:00 PM*
Sunday	*Closed*
Monday	10:00 AM - 5:00 PM
Tuesday	10:00 AM - 5:00 PM
Wednesday	10:00 AM - 5:00 PM
Thursday	10:00 AM - 5:00 PM

REVIEWS

Laguna Park Library
4.63 of 5
Very good
15 Reviews

Reach for the stars

Check out 15 review(s) from 2 trustworthy source(s).

Be the first to write a review for Laguna Park Library!

Share your experience!

Rating

- Your words are a reflection of you
- Aim for constructiv
- Describe your pers
- Be critical, but not
- Do not use any per
- Do not create dupl

Search For 500 Dollar Homes
Search for Unsold Properties Only 500$ on Yahoo. View top results n
Yahoo

DESCRIPTION

Categories & Keywords

Library	Public Library

GALLERY

ADD IMAGES

CYLEX PRODUCTS AND SERVICES



SOCIAL MEDIA

NEARBY SIMILAR COMPANIES

1	**Lake Whitney Library** 7.64 mi	602 E Jefferson Ave 76692 Whitney (254) 694-4639
2	**Bosque Memorial Museum** 13.48 mi	301 SOUTH AVENUE Q 76634 Clifton (254) 675-3845
3	**West Public Library** 17.09 mi	209 Tokio Road 76691 West 254 826 3070
4	**Hillsboro City Library** 17.82 mi	118 S Waco St 76645 Hillsboro (254) 582-7385
5	**McLennan Community College Library** 22.28 mi	1400 College Drive 76708 Waco (254) 299-8325
6	**Valley Mills Public Library** 22.75 mi	405 5TH ST 76689 Valley Mills (254) 932-6370

Map view of similar nearby companies

Library Clifton

Laguna Park Library is listed in the following categories:

Community & Government in Clifton, TX
- Libraries & Archives in Clifton, TX

Do Not Sell or Share My Personal Information

Rep. Angelia Orr (R)

Last modified on: 01-10-2025 23:35:19

Back to Texas House of Representatives (/online/txhouse/)

TX House Representative
(Texas House of Representatives (/online/txhouse/))

Entered Office: 01-10-2023
District: 13

General Information

Profession: Business Owner
Home Town: Hillsboro
Birthdate: 10-03-1969
Spouse: Will
Download vCard (/online/vcard/?id=69351&office=16776) (? (/online/aboutvcards/))



✚ Add to Favorites (/online/add_favorite/?name=Rep. Angelia Orr)

Personal Information

B.S.-Texas A&M University

H-2023 to present.

Office Information

Dist. 13 - Bosque, Falls, Freestone, Hill, Leon, Limestone, McLennan (28%)

Sens. Birdwell, Schwertner

Committees

Article II-Chair (/online/housecom/detail.php?id=582); Appropriations (/online/housecom/detail.php?id=256); Culture, Recreation & Tourism (/online/housecom/detail.php?id=291)

Contact and Phone Numbers

Capitol Office:
E1.220
Capitol Phone: (512) 463-0600
Zip Codes Within District (https://fyi.capitol.texas.gov/fyiwebdocs/PDF/house/dist13/r9.pdf)
angelia.orr@house.texas.gov (mailto:angelia.orr@house.texas.gov)

214 E. Elm Street
Hillsboro, TX 76645
(254) 580-9008

Staff

Office	Office Holder	Phone / Fax
Chief of Staff	Jacob Reagan (/online/person/?id=69777&staff=10263)	(512) 463-0600
Legislative Director	Nicholas Cooper (/online/person/?id=69832&staff=10309)	(512) 463-0600
District Director	Lindsay Kimbrell (/online/person/?id=71322&staff=10888)	(254) 580-9008

Other Offices Held

TX House Rep (?id=69351&office=25874) (Sunset Advisory Commission (/online/abc/detail.php?id=231))

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Capitol Maps (https://tspb.texas.gov/plan/maps/maps.html)

Bill Filings (http://www.legis.state.tx.us/)

Bill Search (http://www.legis.state.tx.us/Search/BillSearch.aspx)

Texas at Your Fingertips (https://texas.gov/)

State Symbols (https://www.thestoryoftexas.com/education/texas-symbols)

Governor Appointment (https://gov.texas.gov/news/category/appointment)

Addressing Procedures (https://lrl.texas.gov/genInfo/ContactLeg.cfm)

TEXAS STATE DIRECTORY (/)

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STUART HENE (MAYOR) (/ONLINE/SEARCH/?TOSEARCH=STUART+HENE+%28MAYOR%29&SEARCHCAT=1)

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CARL TEPPER (/ONLINE/SEARCH/?TOSEARCH=CARL+TEPPER&SEARCHCAT=1)

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Senate District 22

Last modified on: 05-28-2026 15:32:39

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TX Senator
(Texas Senate (/online/txsenate/))

Entered Office: 06-25-2010
Term Ends: 01-2027
District: 22

General Information

Download vCard (/online/vcard/?id=38832) (? (/online/aboutvcards/))

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Personal Information

Texas State Senator Brian Birdwell has been confirmed by the U.S. Senate to serve in a position in the Pentagon.

Birdwell announced on Monday, May 18 that he had been confirmed by the U.S. Senate to serve as Assistant Secretary of War for Sustainment, after having been nominated for the position by President Donald Trump.

President Pro Tempore of the Senate 1/2021-5/2021
S-2010-present

Office Information

Dist. 22 - Bosque, Comanche, Eastland, Ellis (60%), Erath, Falls, Hamilton, Hill, Hood, McLennan, Somervell, Tarrant (17%)

Contact and Phone Numbers

Capitol Office:
1100 Congress Ave
Austin, TX 78701
Capitol Phone: (512) 463-0122
District Map (http://www.fyi.legis.texas.gov/fyiwebdocs/pdf/senate/dist22/m1.pdf)
first.last@senate.texas.gov (mailto:first.last@senate.texas.gov)

Granbury District Office
Sr. Dist. Mgr./Special Proj. C:
Shelly Verlander
1315 Waters Edge Dr, Suite 116-2
Granbury, TX 76048
(817) 573-9622
(817) 579-7172

Waco District Office
Robyn Morrison, Dist. Mgr.
900 Austin Avenue, Suite 500
Waco, TX 76701
(254) 772-6225
(254) 776-2843

Arlington Office
Shelly Verlander, Dist. Manage:
3900 Arlington Highlands Blvd., Suite 26
Arlington, TX 76018
(817) 466-7327
(817) 466-7338
Shelly.Verlander@senate.texas.gov (mailto:Shelly.Verlander@senate.texas.gov)

Staff

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Constituent Correspondence Manager	Ryan Hogan (/online/person/?id=67308&staff=9753)	(512) 463-0122
Legislative Director	Gatlin Moncla (/online/person/?id=69935&staff=10408)	(512) 463-0122

Office	Office Holder	Phone / Fax
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- Bill Filings (http://www.legis.state.tx.us/)
- Bill Search (http://www.legis.state.tx.us/Search/BillSearch.aspx)
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- Governor Appointment (https://gov.texas.gov/news/category/appointment)
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STUART HENE (MAYOR) (/ONLINE/SEARCH/?TOSEARCH=STUART+HENE+%28MAYOR%29&SEARCHCAT=1)

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Bosque County

Follow these links to contact your representatives:

Congressman John R. Carter

U.S. Congressional District 31

Representative Angelia Orr

Texas House District 13

Senator Brian Birdwell

Texas Senate District 22

Ms. Evelyn Brooks

State Board of Education District 14

Senator John Cornyn

U.S. Senate

Senator Ted Cruz

U.S. Senate

U.S. CONGRESSIONAL DISTRICTS FOR 2026 ELECTIONS

U.S. Congressional District 17

Federal Operating Permit Program
Site Information Summary
Form OP-1 – Instructions
Texas Commission on Environmental Quality

Owners or operators of a site required to obtain a federal operating permit (FOP), in accordance with Title 30 Texas Administrative Code Chapter 122 (30 TAC Chapter 122), must complete and submit an FOP application to the Texas Commission on Environmental Quality (TCEQ), Office of Air, Air Permits Division (APD), and a copy must be submitted to the appropriate TCEQ regional office, and the United States Environmental Protection Agency (EPA) – Region 6 Office. There are three types of FOPs, and they are as follows: site operating permit (SOP), temporary operating permit (TOP), and general operating permit (GOP). Information on these permit types can be found on the TCEQ website at www.tceq.texas.gov/permitting/air/titlev/permit_types.html.

For submissions to EPA:

EPA Region 6 office has requested that all applications, including any updates, submitted to EPA be provided in electronic format via email to R6AirPermitsTX@epa.gov. Microsoft Word for text, Excel for spreadsheets, and a searchable Adobe Acrobat (pdf) file are the preferred formats. Do not submit any compressed or zip files, or files with an "exe" extension. Do not submit any individual files larger than 10 megabytes via email, and the total size of all attachments cannot exceed 25 megabytes per email. EPA will accept larger files via FTP transfer. Send an email to wilson.aimee@epa.gov to request an FTP link for submittals. Submit confidential information as a separate file and clearly label it with "confidential" or "CBI" in the filename. Identify the associated permit number when submitting information. No hard copies of the information contained in the application should be submitted to EPA.

Please contact Ms. Aimee Wilson (wilson.aimee@epa.gov) at (214) 665-7596 if you have any questions pertaining to electronic submittals.

General:

The purpose of this form is to provide general information regarding the company, site, and area for which an FOP application is being submitted. **This form is required for all initial and renewal FOP applications.** This form is only required for FOP revision applications if the information on this form has changed. FOP revision and renewal applications must include Form OP-2 (Application for Permit Revision/Renewal), at a minimum.

Note: For a change of company name or ownership only, submit TCEQ Form Number 20405. Form OP-1 is not required.

For initial FOP issuance only, an abbreviated application (at a minimum) must be submitted in accordance with 30 TAC § 122.130. An abbreviated application consists of Form OP-1 (Site Information Summary), Form OP-CRO1 (Certification by Responsible Official), and a TCEQ Core Data Form. In accordance with 30 TAC § 122.130, the executive director will inform the applicant in writing of the deadline for submitting the remaining application information (full application).

Information regarding SOP application requirements can be found on TCEQ's Air Site Operating Permit Guidance webpage located at www.tceq.texas.gov/permitting/air/guidance/titlev/tv_site_guidance.html. Information regarding GOP application requirements can be found on TCEQ's Air General Operating Permit Guidance webpage located at www.tceq.texas.gov/permitting/air/guidance/titlev/tv_gop_guidance.html.

Submitting a timely and complete application, as defined in 30 TAC §§ 122.133 and 122.134, is critical and allows the applicant to receive the benefit of an application shield, as defined in 30 TAC § 122.138. The application shield serves as authorization to operate the site until final action is taken on the application. **Failure to supply any information requested by the TCEQ, pursuant to the application review, may result in the loss of the application shield.**

The responses to most data elements in Form OP-1 are limited in some way. **Responses not made according to the instructions may result in delays in this or other permitting actions**.

1) Some responses have a character limit. (Example: "Company Name," maximum 50 characters.) The responses may consist of characters, digits, or a combination of the two. When appropriate, common abbreviations can be used to fit a response into the space allotted.

2) Some responses are limited to "Yes" or "No" and in some cases "N/A" for "not applicable." Applicants must select one of these options. "N/A" is an acceptable response only when it is stated in the instructions for the question.

3) Some responses must be in a specific format. (Examples: Dates, MM/DD/YYYY; Latitude/Longitude, DDD:MM:SS.)

4) Some responses are limited to a set of mutually exclusive response options, and selections are recorded by placing an "X" in the box next to the appropriate response. (Example: "Permit Type.")

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

---

Page 1:

Specific:

I. Company Identifying Information

A. Company Name:

Enter the name of the company for which the application is being submitted (maximum 50 characters). The company name should be the name used to incorporate, for which a franchise tax identification number has been issued. If a franchise tax identification number has not been issued, then enter the most identifying name for the company. The company name on this form and the TCEQ Core Data Form should match.

B. Customer Reference Number (CN):

Enter the customer reference number (CN*XXXXXXXXX*). This number is issued by TCEQ as part of the central registry process. If a customer reference number has not yet been issued, leave this space blank. Do not enter permit numbers, project numbers, account numbers, etc., in this space.

C. Submittal Date:

Enter the date the application is being submitted by the applicant to TCEQ (*MM/DD/YYYY*).

II. Site Information

A. Site Name:

Enter the name of the site for which the application is being submitted (maximum 50 characters). The Site Name on this form and the Regulated Entity Name listed in Section III of the TCEQ Core Data Form should match.

B. Regulated Entity Reference Number (RN):

Enter the regulated entity reference number for the site (RN*XXXXXXXXX*). This number is issued by TCEQ as part of the central registry process. If a regulated entity reference number has not yet been issued, leave this space blank. Do not enter permit numbers, project numbers, account numbers, etc., in this space.

C. Indicate Affected State(s) Required to Review Permit Application:

As stated in 30 TAC § 122.330(b), an affected state may be Arkansas (AR), Colorado (CO), Kansas (KS), Louisiana (LA), New Mexico (NM), or Oklahoma (OK), if the state's air quality may be affected by the issuance or denial of a federal operating permit, revision, or renewal; or that state is within 50 miles of the site.

Place an "X" in the space to the left of the affected state(s) that is applicable. Place an "X" to the left of "N/A" if the affected state review is not applicable.

GOP applications do not require affected state review. Therefore, all GOP applicants should place an "X" to the left of "N/A."

D. Indicate all pollutants for which the site is a major source based on the site's potential to emit:

Place an "X" in the box to the left of the pollutant for all the pollutants for which the site is classified as a major source, as defined in 30 TAC § 122.10, based on the site's potential to emit. Otherwise, leave the box blank.

The row "Other" is provided for the listing of non-criteria regulated air pollutants for which a site is a major source. (Example: chlorinated compounds, inorganic acids) List the pollutant name in the space provided (maximum 20 characters). If there are none, leave this space blank.

Further information regarding the potential to emit can be found in the Potential to Emit Guidance, which is located on the TCEQ website at:
www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html.

E. Is the Site a Non-Major Source Subject to the Federal Operating Permit Program?

Place an "X" in the box for "Yes" if the site is a non-major source (or area source) subject to the Federal Operating Permit Program. Otherwise, place an "X" in the box for "No." (Note that if the response to this question is "Yes," then the responses to question II.D above should all be "No.")

F. Is the Site Within a Local Program Area Jurisdiction?

Place an "X" in the box for "Yes" if the site is located within the jurisdiction of a local air pollution control program. Otherwise, place an "X" in the box for "No."

A list of local air pollution control programs is located on the TCEQ website at:
www.tceq.texas.gov/permitting/air/local_programs.html.

G. Will emissions averaging be used to comply with any Subpart of 40 CFR Part 63?

Place an "X" in the box for "Yes" if emissions averaging will be used by an affected source at the site to comply with any Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63) requirement, relating to National Emission Standards for Hazardous Air Pollutants for Source Categories that has been promulgated at the time of application submittal. Otherwise, place an "X" in the box for "No."

Emissions averaging, as defined in 40 CFR § 63.2, is a way to comply with the emission limitations specified in a relevant standard, whereby an affected source, if allowed under a subpart of this part, may create emission credits by reducing emissions from specific points to a level below that required by the relevant standard, and those credits are used to offset emissions from points that are not controlled to the level required by the relevant standard.

H. Indicate the 40 CFR Part 63 Subpart(s) that will use emissions averaging:

If emissions averaging will be used by an affected source at the site to comply with any 40 CFR Part 63 Subpart, enter the subpart(s) designation (Example: N, P, CC, KK) in the space provided. If emissions averaging will not be used, leave this space blank.

III. Permit Type:

A. Type of Permit Requested:

Indicate the type of permit for which this application is being submitted by placing an "X" in the space to the left of the selection (SOP, TOP, or GOP). Select only one response.

Information on the different permit types can be found on the TCEQ website at: www.tceq.texas.gov/permitting/air/titlev/permit_types.html.

Page 2:

IV. Initial Application Information *(Complete for Initial Issuance Applications only.)*

A. Is this submittal an Abbreviated or Full Application?

Indicate the type of application ("Abbreviated" or "Full") by placing an "X" in the space to the left of the selection.

Abbreviated applications must be submitted in accordance with 30 TAC § 122.130. An abbreviated application only includes Form OP-1, Form OP-CRO1 (Certification by Responsible Official), and the TCEQ Core Data Form. If the submitted application is not an abbreviated application, select "Full."

B. If this is a Full Application, is this submittal a follow-up to an Abbreviated Application?

Place an "X" in the box for "YES" if this submittal is a full application, which is being submitted in response to a request for follow-up information regarding an abbreviated application that was submitted earlier. If this submittal is a full application (Application Type = "Full") *and no abbreviated application was submitted earlier,* place an "X" in the box for "NO." If this submittal is an abbreviated application (Application Type = "Abbreviated"), leave this space blank.

C. If this is an Abbreviated Application, is this an early submittal for a combined SOP and Acid Rain permit?

Place an "X" in the box for "YES" if this submittal is an early submittal for a combined SOP and Acid Rain permit. Place an "X" in the box for "NO" if this submittal is not an early submittal for a combined SOP and Acid Rain permit. If this submittal is a full application (Application Type = "Full"), leave this space blank.

D. Has an electronic copy of this application been submitted (or is being submitted) to EPA at R6AirPermitsTX@epa.gov?

Place an "X" in the box for "Yes" if an electronic copy of this application has been submitted (or is being submitted) to EPA. If not, place an "X" in the box for "No." (See "For submissions to EPA" above for additional information.)

E. Has the required Public Involvement Plan been included with this application?

Place an "X" in the box for "Yes" if this submittal contains a Public Involvement Plan. Place an "X" in the box for "No" if this submittal does not contain a Public Involvement Plan. (For more information see Public Involvement Plan (PIP) Form for Certain NSR and Title V Air Permit Applications on the TCEQ website at www.tceq.texas.gov/permitting/air/air_permits.html.)

V. Confidential Information

A. Is confidential information submitted in conjunction with this application?

Place an "X" in the box for "Yes" if any confidential information is being submitted in conjunction with this application. Otherwise, place an "X" in the box for "No." All confidential information must be submitted according to the TCEQ guidance located at: www.tceq.texas.gov/permitting/air/titlev/apps_timelines.html#confidential.

VI. Responsible Official (RO) Identifying Information

The RO must be listed in this section even if the duties will be delegated to a Duly Authorized Representative (DAR). The DAR information should be provided on the Form OP-DEL (Delegation of Responsible Official). Additional information on Responsible Official and Certification can be found on the TCEQ website at: www.tceq.texas.gov/permitting/air/titlev/ro_and_certs.html.

Note: For a change of RO and RO information, Form OP-CRO2 (Change of Responsible Official) must be submitted to the TCEQ.

Place an "X" next to the appropriate conventional title (Mr./Mrs./Ms./Dr.). Enter the name and title of the RO pursuant to 30 TAC § 122.132(e) and 30 TAC § 122.165 (Last Name, First Name, MI; maximum 25 characters).

Enter the name of the company, firm, etc. that employs the RO (maximum 50 characters). The company or firm name should be the name used to incorporate, for which a franchise tax identification number has been issued. If a franchise tax identification number has not been issued, then enter the most identifying name for the company or firm. Enter the mailing address, including city, state, zip code. If the mailing address is not within the United States, enter the territory, country, and foreign postal code, rather than the state and zip code. Enter an internal mail code, telephone number, fax number, and email address of the RO listed.

Page 3:

VII. Technical Contact Identifying Information (*Complete if different from RO information.*)

Place an "X" next to the appropriate conventional title (Mr./Mrs./Ms./Dr.). Enter the name and title of the technical contact for this application, if different from the RO (Last Name, First Name, MI; maximum 25 characters). Enter the name of the company, firm, etc. that employs the technical contact (maximum 50 characters). The company or firm name should be the name used to incorporate, for which a franchise tax identification number has been issued. If a franchise tax identification number has not been issued, then enter the most identifying name for the company or firm. Enter the mailing address, including city, state, zip code. If the mailing address is not within the United States, enter the territory, country, and foreign postal code, rather than the state and ZIP Code. Enter an internal mail code, telephone number, fax number, and email address of the technical contact listed.

VIII. Reference Only Requirements (For reference only.)

Certification by the RO pursuant to 30 TAC § 122.165 does not extend to information which is designated on forms as "For reference only."

A. State Senator:

Enter the name of the state senator representing the area in which the site is located (maximum 25 characters).

TCEQ will send notification of the receipt of a permit application to the state senator for the area in which the site is located. State senator information may be obtained by contacting the State Senate at (512) 463-0100 or the Legislative Reference Library at (512) 463-1252. Information may also be obtained via the Texas Senate Internet site at www.legis.state.tx.us/.

B. State Representative:

Enter the name of the state representative representing the area in which the site is located (maximum 25 characters).

TCEQ will send notification of the receipt of a permit application to the state representative for the area in which the site is located. State representative information may be obtained by contacting the House of Representatives at (512) 463-4630 or the Legislative Reference Library at (512) 463-1252. Information may also be obtained via the House of Representatives Internet site at www.legis.state.tx.us/.

C. **Has the applicant paid emissions fees for the most recent agency fiscal year?**

Place an "X" in the box for "Yes" if the applicant has paid all emissions fees, or inspection fees, if applicable, due during the most recent agency fiscal year (September 1 - August 31). Otherwise, place an "X" in the box for "No." If the applicant is not required to pay emissions fees, place an "X" in the box for "N/A."

If the answer to VIII.C. is "No" or "NA," the applicant is required to contact the Industrial Emissions Assessment Section at (512) 239-1459. For further information regarding inspection fees and emission fees, please refer to 30 TAC §§ 101.24 and 101.27.

D. **Is the site subject to bilingual notice requirements pursuant to 30 TAC § 122.322?**

Place an "X" in the box for "Yes" if the site is subject to the bilingual notice requirements pursuant to 30 TAC § 122.322. Otherwise, place an "X" in the box for "No."

The requirements of 30 TAC § 122.322 are applicable when either the elementary school or the middle school located nearest to the facility, or proposed facility, provides a bilingual education program, as required by Texas Education Code § 29.053 and 19 TAC § 89.1205(a) (relating to Required Bilingual Education and English as a Second Language Programs), or if either school has waived out of such a required bilingual education program under the provisions of 19 TAC § 89.1205(g). Schools not governed by the provisions of 19 TAC § 89.1205 should not be considered when determining the applicability of 30 TAC § 122.322 requirements.

Elementary or middle schools that offer English as a second language under 19 TAC § 89.1205(d) and are otherwise not affected by 19 TAC § 89.1205(a), will not trigger the requirements of 30 TAC § 122.322(a).

E. **Indicate the alternate language(s) in which public notice is required:**

If the answer to the previous question is "Yes," enter the alternate language(s) for which public notice is required in the space provided.

Please use a separate page to indicate the alternate languages if additional space is required. If the answer to the previous question is "No," enter "None."

Examples:

VIII. Reference Only Requirements *(For reference only.)*		
D.	Is the site subject to bilingual notice requirements pursuant to 30 TAC § 122.322?	☒ YES ☐ NO
E.	Indicate the alternate language(s) in which public notice is required:	Spanish, Vietnamese, German

VIII. Reference Only Requirements *(For reference only.)*		
D.	Is the site subject to bilingual notice requirements pursuant to 30 TAC § 122.322?	☐ YES ☒ NO
E.	Indicate the alternate language(s) in which public notice is required:	None

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IX. Off-Site Permit Request *(Optional)*

Complete this section only if the applicant wishes to maintain the FOP and records at a location other than the site designated in the "Site Information" section of this form.

A. **Office/Facility Name:**

Enter the name of the office or facility where the FOP and records are to be held (maximum 50 characters).

Physical Address: Enter the physical address of the office or facility, including city, state, and ZIP Code (physical address - maximum 50 characters and city - maximum 25 characters). If the mailing address is not within the United States, enter the territory, country, and foreign postal code, rather than the state and zip code. The physical address cannot be a Post Office Box.

B. **Physical Location:**

If a physical address does not exist, provide a description of the physical location of the office or facility where the permit is to be held (maximum 250 characters). *(Example: Highway 100, 2 miles west of County Road 12.)* Leave Physical Location blank if there is a Physical Address.

C. **Contact Name:**

Place an "X" next to the appropriate conventional title (Mr./Mrs./Ms./Dr.). Enter the name of a contact person at the office or facility where the FOP and records are to be held (maximum 50 characters).

E. **Telephone:**

Enter the contact person's telephone number with the area code.

X. Application Area Information

This section pertains to the application area. If only one application is being submitted (or was submitted) for the entire site, then the following information relates to the site as a whole.

A. **Area Name:**

Enter the name of the application area (maximum 50 characters). If more than one permit is proposed for the site, the area name should be descriptive enough to provide a clear distinction of the portion of the site covered under this application. (*Examples: "Tank Battery #1," "North Loading Area".*) If there is only one permit proposed for the site, the area name must be the same as the site name in the "Site Information" section of this form. Note that the area may refer to a subset of units at the site to be covered by an application; it need not refer to a distinct physical area. This name will eventually be used as the name for the permit.

B. **Physical Address:**

Enter the physical address of the application area, including city, state, and zip code (physical address - maximum 50 characters and city - maximum 25 characters). If there is a physical address, skip X.C-F below.

C. **Physical Location:**

If a physical address does not exist, provide a description of the physical location of the application area (maximum 250 characters). *(Example: Highway 100, 2 miles west of County Road 12.)*

D. **Nearest City:**

Enter the name of the city or municipality nearest to the application area, or in which the application area is located (maximum 25 characters).

E. **State:**

Enter the state in which the nearest city is located.

F. **ZIP Code:**

Enter the zip code of the application area. *(This is used for location purposes and must be provided even if the facility does not receive mail delivery.)*

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G. **Latitude:**

Enter the latitude coordinate for the application area (DDD:MM:SS). Latitude indicates the angular distance (in degrees) of a location north of the equator and will always be between 25 and 37 degrees in Texas. Coordinates of the area must be shown to the nearest second and can be obtained from most city engineers, U.S. Geological Survey (USGS) maps, or from county maps prepared by the Texas Department of Transportation (TxDOT).

H. **Longitude:**

Enter the longitude coordinate for the application area (DDD:MM:SS). Longitude indicates the angular distance (in degrees) of a location west of the prime meridian and will always be between 93 and 107 degrees in Texas. Coordinates of the area must be shown to the nearest second and can be obtained from most city engineers, USGS maps, or county maps prepared by TxDOT.

I. **Are there any emission units that were not in compliance with the applicable requirements identified in the application at the time of application submittal?**

Place an "X" in the box for "Yes" if there are one or more emission units in the application area that are out of compliance. "Out of compliance" means a situation in which an emission unit or an operating condition may not be in compliance with one or more applicable requirements. Information on these units will be forwarded to the appropriate regional office. Title 30 TAC Chapter 122 requires that a description of the compliance status for all emission units be provided in a full application. Additional compliance information for full applications is provided on Form OP-ACPS (Application Compliance Plan and Schedule). If all emission units in the application area are believed to be in compliance, place an "X" in the box for "No."

J. **Estimated number of emission units in the application area:**

Enter an estimated number of emission units in the application area with potentially applicable requirements. Do not include emission units that will only be addressed on Form OP-REQ1 (Application Area-wide Applicability Determinations and General Information).

K. **Are there any emission units in the application area subject to the Acid Rain Program?**

Place an "X" in the box for "YES" if any emission units in the application area are subject to the Acid Rain Program (ARP), including the Opt-in Program. Otherwise, place an "X" in the box for "No."

If the response to this question is "YES," submit the appropriate forms for an acid rain permit, if not already submitted. Applications for acid rain permits for opt-in sources to the ARP shall be submitted in accordance with 40 CFR Part 74.

The Opt-in Program allows stationary combustion sources not required to participate in the ARP the opportunity to enter the program on a voluntary basis, reduce their sulfur dioxide (SO_2) emissions, and receive their own acid rain allowances. Combustion sources are defined as fossil fuel-fired boilers, turbines, or internal combustion engines. An opt-in source must comply with the same or similar provisions as utility units affected under the mandatory ARP. These provisions relate to allowance trading, permitting, excess emissions, monitoring, end-of-year compliance, and enforcement. Most basic to the program is the requirement that each year the opt-in source must hold enough allowances to cover its annual SO_2 emissions. For additional information, please refer to 40 CFR Part 74.

L. **Affected Source Plant Code:**

If the answer to the previous question is "Yes," enter the plant code in the space provided. A plant code is a 4- or 5-digit number assigned by the Department of Energy (DOE) Energy Information Administration (EIA) to plants that generate electricity. For older plants, "Plant Code" is synonymous with "ORISPL" and "Facility" codes. If the plant generates electricity but no plant code has been assigned, or if there is uncertainty regarding what the plant code is, send an email to the EIA at EIA-860@eia.gov. For plants that do not produce electricity, use the plant identifier assigned by EPA (beginning with "88"). If the plant does not produce electricity and has not been assigned a plant identifier, contact Laurel DeSantis at desantis.laurel@epa.gov.

XI. Public Notice

Complete this section for SOP Applications (initial, renewal, and significant revision) and Acid Rain Permit Applications only.

A. **Name of a public place to view application and draft permit:**

Enter the name of the public place where the application and draft permit will be available for review and copying by the public throughout the public notice period.

The public place must be publicly owned or operated, such as a library, courthouse, or city hall, and must be located in the same county as the site. The TCEQ Regional Office may be used as a public place if it is located in the same county as the site.

B. **Physical Address:**

Enter the public place physical address, including city and zip code (physical address – maximum 50 characters and city - maximum 25 characters).

C. **Contact Person:**

Place an "X" next to the appropriate conventional title (Mr./Mrs./Ms./Dr.). Enter the name of the contact person who will answer questions from the public during the Public Notice Period (Last Name, First Name, MI; maximum 25 characters). This information will be published in the newspaper notice.

Enter the mailing address, including city, state, zip code (address - maximum 50 characters; city - maximum 25 characters). If the mailing address is not within the United States, enter the territory, country, and foreign postal code, rather than the state and zip code. Enter the internal mail code that is part of the mailing address of the contact person, if applicable (maximum 10 characters). Enter the contact person's telephone number with the area code. This information will be published in the newspaper notice.

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XII. Delinquent Fees and Penalties

Notice: This form will not be processed until all delinquent fees and/or penalties owed to TCEQ or the Office of the Attorney General on behalf of TCEQ are paid in accordance with the "Delinquent Fee and Penalty Protocol." For more information regarding Delinquent Fees and Penalties, go to the TCEQ website at: www.tceq.texas.gov/agency/fees/delin/index.html.

Complete Sections XIII and XIV for Acid Rain Permit and CSAPR applications only. Please include a copy of the Certificate of Representation submitted to EPA.

XIII. Designated Representative (DR) Identifying Information

Place an "X" next to the appropriate conventional title (Mr./Mrs./Ms./Dr.). Enter the name and title of the DR pursuant to 30 TAC § 122.165 (Last Name, First Name, MI; maximum 25 characters). Enter the name of the company, firm, etc. that employs the DR (maximum 50 characters). The company or firm name should be the name used to incorporate, for which a franchise tax identification number has been issued. If a franchise tax identification number has not been issued, then enter the most identifying name for the company or firm. Enter the mailing address, including city, state, zip code. If the mailing address is not within the United States, enter the territory, country, and foreign postal code, rather than the state and zip code. Enter an internal mail code, telephone number, fax number, and email address of the DR listed.

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XIV. Alternate Designated Representative (ADR) Identifying Information

If there is no ADR, leave this section blank.

Place an "X" next to the appropriate conventional title (Mr./Mrs./Ms./Dr.). Enter the name and title of the ADR pursuant to 30 TAC § 122.165 (Last Name, First Name, MI; maximum 25 characters). Enter the name of the company, firm, etc. that employs the ADR (maximum 50 characters). The company or firm name should be the name used to incorporate, for which a franchise tax identification number has been issued. If a franchise tax identification number has not been issued, then enter the most identifying name for the company or firm. Enter the mailing address, including city, state, zip code. If the mailing address is not within the United States, enter the territory, country, and foreign postal code, rather than the state and zip code. Enter an internal mail code, telephone number, fax number, and email address of the ADR listed.

Federal Operating Permit Program
Site Information Summary
Form OP-1 (Page 1)
Texas Commission on Environmental Quality

Please print or type all information. Direct any questions regarding this application form to the Air Permits Division at (512) 239-1250 or to the Texas Commission on Environmental Quality, Office of Air, Air-Permits Division (MC 163), P.O. Box 13087, Austin, Texas 78711-3087.

I.	**Company Identifying Information**
A.	Company Name: CyrusOne LLC
B.	Customer Reference Number (CN): **CN** 604843086
C.	Submittal Date *(mm/dd/yyyy)*: 06/03/2026
II.	**Site Information**
A.	Site Name: DFW10 DFW11 DFW17a DFW17b DFW17c
B.	Regulated Entity Reference Number (RN): **RN** 112240379
C.	Indicate affected state(s) required to review permit application: *(Check the appropriate box[es].)*
☐ AR ☐ CO ☐ KS ☐ LA ☐ NM ☐ OK ☒ N/A	
D.	Indicate all pollutants for which the site is a major source based on the site's potential to emit: *(Check the appropriate box[es].)*
☐ VOC ☑ NO_X ☐ SO_2 ☐ PM_{10} ☐ CO ☐ Pb ☐ HAPS	
Other:	
E.	Is the site a non-major source subject to the Federal Operating Permit Program? ☐ Yes ☒ No
F.	Is the site within a local program area jurisdiction? ☐ Yes ☒ No
G.	Will emissions averaging be used to comply with any Subpart of 40 CFR Part 63? ☐ Yes ☒ No
H.	Indicate the 40 CFR Part 63 Subpart(s) that will use emissions averaging:
III.	**Permit Type**
A.	Type of Permit Requested: *(Select only one response)*
☒ Site Operating Permit (SOP) ☐ Temporary Operating Permit (TOP) ☐ General Operating Permit (GOP)	

Federal Operating Permit Program
Site Information Summary
Form OP-1 (Page 2)
Texas Commission on Environmental Quality

IV.	**Initial Application Information** *(Complete for Initial Issuance Applications Only.)*	
A.	Is this submittal an abbreviated or a full application?	☐ Abbreviated ☒ Full
B.	If this is a full application, is the submittal a follow-up to an abbreviated application?	☐ Yes ☒ No
C.	If this is an abbreviated application, is this an early submittal for a combined SOP and Acid Rain permit?	☐ Yes ☐ No
D.	Has an electronic copy of this application been submitted (or is being submitted) to EPA? (Refer to the form instructions for additional information.)	☒ Yes ☐ No
E.	Has the required Public Involvement Plan been included with this application?	☒ Yes ☐ No
V.	**Confidential Information**	
A.	Is confidential information submitted in conjunction with this application?	☐ Yes ☒ No
VI.	**Responsible Official (RO) Identifying Information**	
RO Name Prefix: (☒ Mr. ☐ Mrs. ☐ Ms. ☐ Dr.)		
RO Full Name: Danny Cowser		
RO Title: Senior Vice President, Construction		
Employer Name: CyrusOne LLC		
Mailing Address: 2850 N Harwood Street, Suite 2200		
City: Dallas		
State: TX		
ZIP Code: 75201		
Territory:		
Country: USA		
Foreign Postal Code:		
Internal Mail Code:		
Telephone No.: 214-507-9557		
Fax No.:		
Email: dcowser@cyrusone.com		

Federal Operating Permit Program
Site Information Summary
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Texas Commission on Environmental Quality

VII. Technical Contact Identifying Information *(Complete if different from RO.)*	
Technical Contact Name Prefix: (☒ Mr. ☐ Mrs. ☐ Ms. ☐ Dr.)	
Technical Contact Full Name: Jason Walters	
Technical Contact Title: Regional Operations Director	
Employer Name: CyrusOne LLC	
Mailing Address: 11003 Corporate Centre Drive	
City: Houston	
State: TX	
ZIP Code: 77041	
Territory:	
Country: USA	
Foreign Postal Code:	
Internal Mail Code:	
Telephone No.: 832-589-8063	
Fax No.:	
Email: jdwalters@cyrusone.com	
VIII. Reference Only Requirements *(For reference only.)*	
A. State Senator: Brian Birdwell	
B. State Representative: Angelia Orr	
C. Has the applicant paid emissions fees for the most recent agency fiscal year (Sept. 1 - August 31)?	☐ Yes ☐ No ☒ N/A
D. Is the site subject to bilingual notice requirements pursuant to 30 TAC § 122.322?	☒ Yes ☐ No
E. Indicate the alternate language(s) in which public notice is required: Spanish	

Federal Operating Permit Program
Site Information Summary
Form OP-1 (Page 4)
Texas Commission on Environmental Quality

IX.	**Off-Site Permit Request** *(Optional for applicants requesting to hold the FOP and records at an off-site location.)*
A.	Office/Facility Name:
B.	Physical Address:
City:	
State:	
ZIP Code:	
Territory:	
Country:	
Foreign Postal Code:	
C.	Physical Location:
D.	Contact Name Prefix: (☐ Mr. ☐ Mrs. ☐ Ms. ☐ Dr.)
Contact Full Name:	
E.	Telephone No.:
X.	**Application Area Information**
A.	Area Name: DFW10 DFW11 DFW17a DFW17b DFW17c
B.	Physical Address:
City:	
State:	
ZIP Code:	
C.	Physical Location:
Drive W on Highway TX-22 W to the intersection of TX-22 W and FM56 S. Make a left on FM56 S. After about	
0.6 miles, the site is located on the left.	
D.	Nearest City: Whitney
E.	State: TX
F.	ZIP Code: 76692

Federal Operating Permit Program
Site Information Summary
Form OP-1 (Page 5)
Texas Commission on Environmental Quality

X.	**Application Area Information *(continued)***
G.	Latitude (nearest second): 31°51'10.6"N
H.	Longitude (nearest second): 97°22'06.9"W
I.	Are there any emission units that were not in compliance with the applicable requirements identified in the application at the time of application submittal? ☐ Yes ☒ No
J.	Indicate the estimated number of emission units in the application area: 228
K.	Are there any emission units in the application area subject to the Acid Rain Program? ☐ Yes ☒ No
L.	Affected Source Plant Code (or ORIS/Facility Code):
XI.	**Public Notice** *(Complete this section for SOP Applications and Acid Rain Permit Applications only.)*
A.	Name of a public place to view application and draft permit: Laguna Park Library
B.	Physical Address: 356 TX-22
City:	Clifton
ZIP Code:	76634
C.	Contact Person (Someone who will answer questions from the public during the public notice period):
Contact Name Prefix: (☐ Mr. ☒ Mrs. ☐ Ms. ☐ Dr.):	
Contact Person Full Name:	Laura Cottrell
Contact Mailing Address:	2850 N Harwood Street, Suite 2200
City:	Dallas
State:	TX
ZIP Code:	75201
Territory:	
Country:	USA
Foreign Postal Code:	
Internal Mail Code:	
Telephone No.:	603-793-0534

Federal Operating Permit Program
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Texas Commission on Environmental Quality

XII. Delinquent Fees and Penalties
Notice: This form will not be processed until all delinquent fees and/or penalties owed to TCEQ or the Office of Attorney General on behalf of TCEQ are paid in accordance with the "Delinquent Fee and Penalty Protocol."
Complete Sections XIII and XIV for Acid Rain Permit and CSAPR applications only. Please include a copy of the Certificate of Representation submitted to EPA.
XIII. Designated Representative (DR) Identifying Information
DR Name Prefix: (☐ Mr. ☐ Mrs. ☐ Ms. ☐ Dr.)
DR Full Name:
DR Title:
Employer Name:
Mailing Address:
City:
State:
ZIP Code:
Territory:
Country:
Foreign Postal Code:
Internal Mail Code:
Telephone No.:
Fax No.:
Email:

Federal Operating Permit Program
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Complete Sections XIII and XIV for Acid Rain Permit and CSAPR applications only. Please include a copy of the Certificate of Representation submitted to EPA.
XIV. Alternate Designated Representative (ADR) Identifying Information
ADR Name Prefix: (☐ Mr. ☐ Mrs. ☐ Ms. ☐ Dr.)
ADR Full Name:
ADR Title:
Employer Name:
Mailing Address:
City:
State:
ZIP Code:
Territory:
Country:
Foreign Postal Code:
Internal Mail Code:
Telephone No.:
Fax No.:
Email:

PRINT FORM RESET FORM

From:	Rachel Korenek
To:	Rosa Mora-Nichols; Laura Cottrell
Cc:	Jason Walters; Danny Cowser
Subject:	RE: [External Message]FW: Additional Information Needed for Project 40584, Permit 4941, Cyrusone, LLC
Date:	Friday, July 10, 2026 3:59:58 PM
Attachments:	image002.png

Hi Rosa,

The SIC code is 7376 - same as from the PBR application (TCEQ CR Query - Regulated Entity Information).

Thanks!

Rachel Korenek (she/her)

Classification: Confidential

From: Rosa Mora-Nichols <rosa.mora-nichols@tceq.texas.gov>
Sent: Friday, July 10, 2026 3:49 PM
To: Laura Cottrell <lcottrell@cyrusone.com>; Rachel Korenek <rkorenek@ramboll.com>
Cc: Jason Walters <jdwalters@cyrusone.com>; Danny Cowser <DCowser@cyrusone.com>
Subject: RE: [External Message]FW: Additional Information Needed for Project 40584, Permit 4941, Cyrusone, LLC

> You don't often get email from rosa.mora-nichols@tceq.texas.gov. Learn why this is important

Thank you, Laura.

Now I am just waiting on the SIC Code.

Thank you,

From: Laura Cottrell <lcottrell@cyrusone.com>
Sent: Friday, July 10, 2026 2:43 PM
To: Rosa Mora-Nichols <rosa.mora-nichols@tceq.texas.gov>; Rachel Korenek <rkorenek@ramboll.com>
Cc: Jason Walters <jdwalters@cyrusone.com>; Danny Cowser <DCowser@cyrusone.com>
Subject: Re: [External Message]FW: Additional Information Needed for Project 40584, Permit 4941, Cyrusone, LLC

Hi Rosa, looping in our consultant @Rachel Korenek to help serve as a single point of contact for getting you answers to any questions you have on our application. Rachel can you please provide responses/update by Monday?

Thank you!

Laura Cottrell
Senior Director, Environmental Compliance
m: 603-793-0534
cyrusone.com
CyrusOne

From: Rosa Mora-Nichols <rosa.mora-nichols@tceq.texas.gov>
Sent: Friday, July 10, 2026 3:38 PM
To: Laura Cottrell <lcottrell@cyrusone.com>
Subject: [External Message]FW: Additional Information Needed for Project 40584, Permit 4941, Cyrusone, LLC

Please see below. Thx.

From: Rosa Mora-Nichols <rosa.mora-nichols@tceq.texas.gov>
Sent: Friday, July 10, 2026, 2:29 PM
To: jdwalters@cyrusone.com
Cc: dcowser@cyrusone.com;

Subject: Additional Information Needed for Project 40584, Permit 4941, Cyrusone, LLC
Importance: High

Hello,

This is a follow-up email to voicemails that were left today.

TCEQ is in receipt of the application for Project 40584, Permit 4941, Cyrusone, LLC., however, the following information is needed to move forward with the review of this application. Please promptly provide this information soon, or by no later than 10:00a.m., Monday, July 13, 2026, to declare this application administratively completed.

The information needed:

An updated OP-1_Form that reflects:

- Complete the Public Viewing Place for the Public Notice in the OP-1 Form, as it was left blank,

Correct coordinates as the latitude and longitude shown in the Copy of Record and the OP-1 Form are different.

Please email the updated OP-1 form directly to me as I am the License Permit Specialist initial reviewer assigned to this project.
I will continue the review, as soon as, I receive the updated information.

Best,

Rosa Mora-Nichols
License and Permit Specialist
Texas Commission on Environmental Quality
Office of Air - Air Permits Division
(512) 239-2071



How are we doing? www.tceq.texas.gov/customersurvey

Confidentiality Notice: The information contained in this communication, including all attachments, may be confidential and/or legally privileged and has been sent for the sole use of the intended recipient(s). If the reader of this message is not an intended recipient, you are hereby notified that any unauthorized review, use, disclosure, dissemination, distribution, or copying of this communication, or any of its contents or attachments, is strictly prohibited. If you are not the intended recipient or otherwise received this communication in error, please contact the sender immediately by reply email and destroy all copies of the original message, including attachments.

From:	Rachel Korenek
To:	Rosa Mora-Nichols
Cc:	Jason Walters; Danny Cowser; Laura Cottrell
Subject:	RE: [External Message]FW: Additional Information Needed for Project 40584, Permit 4941, Cyrusone, LLC
Date:	Friday, July 10, 2026 3:01:10 PM
Attachments:	image003.png TCEQ Form 10002 - OP-1_2026-0710.pdf

Hi Rosa,

My apologies. See the attached updated OP-CRO1. The original coordinates from the OP-CRO1 were from the street side of the property and the Copy of Record was from the center of the facility. I updated the OP-CRO1 to match the Copy of Record.

Thanks,

Rachel Korenek (she/her)

Classification: Confidential

From: Laura Cottrell <lcottrell@cyrusone.com>
Sent: Friday, July 10, 2026 2:43 PM
To: Rosa Mora-Nichols <rosa.mora-nichols@tceq.texas.gov>; Rachel Korenek <rkorenek@ramboll.com>
Cc: Jason Walters <jdwalters@cyrusone.com>; Danny Cowser <DCowser@cyrusone.com>
Subject: Re: [External Message]FW: Additional Information Needed for Project 40584, Permit 4941, Cyrusone, LLC

Hi Rosa, looping in our consultant @Rachel Korenek to help serve as a single point of contact for getting you answers to any questions you have on our application. Rachel can you please provide responses/update by Monday?

Thank you!

Laura Cottrell
Senior Director, Environmental Compliance
m: 603-793-0534
cyrusone.com
CyrusOne

From: Rosa Mora-Nichols <rosa.mora-nichols@tceq.texas.gov>
Sent: Friday, July 10, 2026 3:38 PM
To: Laura Cottrell <lcottrell@cyrusone.com>
Subject: [External Message]FW: Additional Information Needed for Project 40584, Permit 4941, Cyrusone, LLC

Please see below. Thx.

From: Rosa Mora-Nichols <rosa.mora-nichols@tceq.texas.gov>
Sent: Friday, July 10, 2026, 2:29 PM
To: jdwalters@cyrusone.com
Cc: dcowser@cyrusone.com;

Subject: Additional Information Needed for Project 40584, Permit 4941, Cyrusone, LLC
Importance: High

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Best,
Rosa Mora-Nichols
License and Permit Specialist
Texas Commission on Environmental Quality
Office of Air - Air Permits Division
(512) 239-2071



How are we doing? www.tceq.texas.gov/customersurvey

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Brooke T. Paup, *Chairwoman*
Catarina R. Gonzales, *Commissioner*
Tonya R. Miller, *Commissioner*
Kelly Keel, *Executive Director*

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

July 10, 2026

THE HONORABLE BRIAN BIRDWELL
TEXAS SENATE
PO BOX 12068
AUSTIN TX 78711-2068

Re: Accepted Federal Operating Permit Initial Issuance Application
Project Number: 40584
Permit Number: O4941
CyrusOne LLC
DFW10, DFW11, DFW17a, DFW17b, DFW17c
Whitney, Bosque County
Regulated Entity Number: RN112240379
Customer Reference Number: CN604843086

Dear Senator Birdwell:

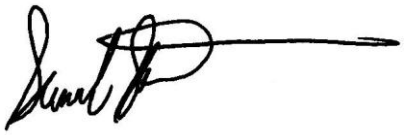
This letter notifies you that the Texas Commission on Environmental Quality has received a federal operating permit (FOP) initial issuance application for a site located in your district. As part of this permitting process, the applicant is required to publish formal newspaper public notice. The notice will inform the public of their right to make comments or request a public hearing. This link to an electronic map of the site or facility's general location is provided as a public courtesy and not part of the application or notice. For exact location, refer to application. https://gisweb.tceq.texas.gov/LocationMapper/?marker=-97.368583,31.85293&level=13.

The FOP program regulates both new and existing major sources of emissions. The goal of the program is to improve air quality in Texas through increased compliance by codifying existing applicable regulatory requirements into the FOP. The FOP provides the applicant authorization to operate the equipment at the site. The FOP identifies and codifies air emission requirements (known as applicable requirements) that apply to the emission units at the site. The FOP does not authorize construction of emission units or emissions from those units. The New Source Review (NSR) permit is the mechanism for these authorizations.

Re: Accepted Federal Operating Permit Initial Issuance Application

This letter is being sent to you for information only and no action is required. If you need further information, please contact me at (512) 239-1250.

Sincerely,



Samuel Short, Deputy Director
Air Permits Division
Office of Air
Texas Commission on Environmental Quality

Brooke T. Paup, *Chairwoman*
Catarina R. Gonzales, *Commissioner*
Tonya R. Miller, *Commissioner*
Kelly Keel, *Executive Director*

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

July 10, 2026

THE HONORABLE ANGELIA ORR
TEXAS HOUSE OF REPRESENTATIVES
PO BOX 2910
AUSTIN TX 78768-2910

Re: Accepted Federal Operating Permit Initial Issuance Application
Project Number: 40584
Permit Number: O4941
CyrusOne LLC
DFW10, DFW11, DFW17a, DFW17b, DFW17c
Whitney, Bosque County
Regulated Entity Number: RN112240379
Customer Reference Number: CN604843086

Dear Representative Orr:

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This letter is being sent to you for information only and no action is required. If you need further information, please contact me at (512) 239-1250.

Sincerely,

Samuel Short, Deputy Director
Air Permits Division
Office of Air
Texas Commission on Environmental Quality

From: eNotice TCEQ
To: angelia.orr@house.texas.gov; brian.birdwell@senate.texas.gov
Subject: TCEQ Notice - Permit Number O4941
Date: Friday, July 10, 2026 4:30:11 PM
Attachments: TCEQ Notice_O4941 - 40584.docx

This email is being sent to electronically transmit an official document issued by the Office of Air of the Texas Commission on Environmental Quality.

This email is being sent to you because either (a) you filed a document with the Office of the Chief Clerk that made you part of the official mailing list for the above referenced matter, or (b) notice to you is legally required. As authorized by Texas Water Code 5.128, this electronic transmittal is replacing the previous practice of hard copy distribution. Amendments to Texas Government Code 552.137 prompted a change to the agency's privacy policy regarding confidentiality of certain email addresses. The revised privacy policy can be viewed at http://www.tceq.state.tx.us/help/policies/electronic_info_policy.html.

Questions regarding this email may be submitted either by replying directly to this email or by calling Mr. Rhyan Stone with the Air Permits Division at (512) 239-1293.

The attached document is provided in an Adobe Acrobat .pdf format. If you cannot display the attachment, you may need to visit the Adobe web site (http://get.adobe.com/reader) to download the free Adobe Acrobat Reader software.