

Bryan W. Shaw, Ph.D., *Chairman*
Buddy Garcia, *Commissioner*
Carlos Rubinstein, *Commissioner*
Mark R. Vickery, P.G., *Executive Director*



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

February 17, 2012

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

RE: P & L Cast Stone, Inc.
TCEQ DOCKET NO. 2011-2114-AIR

Dear Ms. Bohac:

Enclosed is a copy of the following documents for inclusion in the background material for the Commissioner's Agenda scheduled for this permit application:

- A map indicating the proximate location of the hearing requestors, and
- The compliance summary of the Applicant; and
- The summary of the technical review of the permit application; and
- A copy of the Standard Permit for Concrete Batch Plants.

Please do not hesitate to call me at 512-239-1439 if you have any questions.

Sincerely,

A handwritten signature in cursive script, appearing to read "Betsy Peticolas".

Betsy Peticolas
Staff Attorney
Texas Commission on Environmental Quality
Environmental Law Division

P&L Cast Stone Map Requested by TCEQ Office of Legal Services for Commissioners' Agenda



Protecting Texas by
Reducing and
Preventing Pollution

Texas Commission on Environmental Quality
GIS Team (Mail Code 197)
P.O. Box 13087
Austin, Texas 78711-3087

February 2, 2012

0 0.05 0.1 0.2 0.3 Miles



Projection: Texas Statewide Mapping System
(TSSMS)
Scale 1:18,000

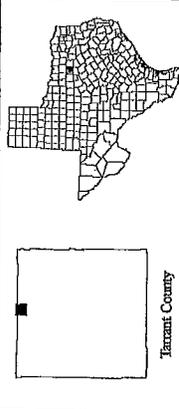
Legend

- Footprint
- ⊙ Requestor

Source: The location of the facility was provided by the TCEQ Office of Legal Services (OLS). OLS obtained the site location information from the applicant and the requestor information from the requestor. The vector data are U.S. Census Bureau 1992 TIGER/Line Data (1:100,000). The background of this map is a one-half meter photograph from the 2008 Texas Orthoregistry Project.

This map depicts the following:

- (1) The approximate location of the facility. This is labeled "P&L Cast Stone".
- (2) Circles depicting the 1 mile and 1/4 mile radii from the footprint.
- (3) The approximate location of the footprint. This is labeled "Footprint".



The facility is located in Tarrant County. The red square in the first inset map represents the approximate location of the facility. The second inset map represents the location of Tarrant County in the state of Texas. Tarrant County is shaded in red.

This map was generated by the Information Resources Division of the Texas Commission on Environmental Quality. This product is for informational purposes and may not have been prepared for or be suitable for legal, engineering, or surveying purposes. It does not represent an on-the-ground survey and represents only the approximate relative location of property boundaries. For more information concerning this map, contact the Information Resource Division at (512) 259-0800.

M. McDonough CRF-350187

Main Query Page | Program Area Search

Compliance History					
RE Name:	CONCRETE BATCH PLANT 1			RN:	RN106968606
Classification:	AVERAGE BY DEFAULT	Rating:	3.01	Publication Date:	Oct 1, 2011
Customer Name	P & L Cast Stone, Inc.			CN:	CN602494478
Classification:	AVERAGE	Rating:	3.5	Publication Date:	Oct 1, 2011
Repeat Violator Ind:	NO				

Compliance History Start: 08/31/2011

End: 09/01/2006

Submit

1-0 of 0 Enforcement Action Records

Enforcement Actions				
Type	Effective Date	Citation/Requirement Provision	Abb. Description	Violation Classification (Trk No)

0 convictions returned

Criminal Convictions					
Conviction Date	Number of		Violations		
	Felonies	Misdemeanors	Citation/Requirement Provision	Abb. Description	Classification (Trk No)

0 events returned

Chronic Excessive Emissions Events			
Start Date	Status Code	Status Date	Track Number

1-0 of 0 Investigation Records

Investigations		
Investigation Start Date	Type	Investigation Status Date

1-0 of 0 Notice of Violation Records

Notice of Violations					
NOV Date	Status Code	Citation	Allegation	Classification (Trk No)	Self-Report

1-0 of 0 Environmental Audit Records

Environmental Audits				
Notice of Audit Date	Disclosure Of Violation			
	DOV Date	Violations		
		Classification	Citation/Requirement Provision	Abb. Description

0 systems returned

Environmental Management Systems			
Type	Tier	Certification Date	Implementation Date

0 assessments returned

Voluntary On-Site Compliance Assessments		
Start Date	Status Code	Status Date

0 programs returned

Voluntary Pollution Reduction Programs		
Name	Level	Start Date of Participation

0 early compliance actions returned

Early Compliance	
Date	Description

[Central Registry Glossary](#) |
 [Central Registry Help](#) |
 [Map of Regional Planning Areas](#) |
 [Migrated Systems](#)

For questions or comments regarding this T-Net page contact: [Central Registry](#)
 This site was last modified: August 23, 2010

Concrete Batch Plant Standard Permit Source Analysis & Technical Review

Company	P & L Cast Stone, Inc.	Permit Number	93109
City	Roanoke	Project Number	158978
County	Tarrant	Account Number	N/A
Project Type	Initial	Regulated Entity Number	RN105968606
Project Reviewer	Mr. Donald D. Nelon	Customer Reference Number	CN602494478
Site Address	4000 Haslet Roanoke Rd		

Project Overview

The applicant was required to re-notice the NORI and NAPD due to not using an acceptable publication for the original notices. A determination has been made that a second public meeting will also be held on June 30, 2011.

This is the proposed authorization of a permanent concrete batch plant with a production rate of 150 cubic yards per hour. Operating up to 12 hours per day, 5 days per week, 52 weeks a year not to exceed 3,120 operating hours.

Process Description:

Washed sand and gravel are to be delivered by trucks and stockpiled at the facility. The stored material will be sprinkled with water as needed for dust-control. When needed for production, the aggregate will be moved via a front-end loader to the conveyor that leads to the aggregate bin from where the material will drop into the weigh batcher. After weighing each batch will drop into the rotating drums of mixer trucks.

Cement will be pneumatically conveyed from delivery tankers into the cement silo(s). Remaining in total enclosure, the cement will then be gravity dropped from the silo into the cement weigh batcher. The weighed cement batch will then be gravity dropped into the rotating drums of mixer trucks. Particulate matter control of cement dust from the silo will be a vent style bag house. Aggregate and cement emissions at the truck drop point will be vented to a central dust collector through a suction shroud.

Deficiencies

Has all required information been received by the TCEQ?	Yes
If no, date company notified of deficient items:	NA
Comments:	No comments
Date registration claim complete:	September 2, 2010

Power Source Information

Does this facility utilize an engine or generator?	Yes
If yes, will the engine or generator be located at this site less than one year?	No
If the engine or generator will be at this site for more than one year does the engine meet 30 TAC § 106.512?	Due to horsepower ratings the generator set does not require registration

Compliance History Evaluation - 30 TAC Chapter 60 Rules

A compliance history report was reviewed on:	August 10, 2010
Compliance period:	July 19, 2010 - July 20, 2005
Site rating & classification:	Not applicable - new facility
Company rating & classification:	3.01 - Average
If the rating is 40<RATING<45, what was the outcome, if any, based on the findings in the formal report:	NA
Has the permit changed on the basis of the compliance history or rating?	No

**Concrete Batch Plant Standard Permit
Source Analysis & Technical Review**

Permit No. 93109
Page 2

Regulated Entity No. RN105968606

Public Notice Information - 30 TAC Chapter 39 Rules

Rule Citation	Requirement		
39.403	Is Public Notice Required?	Yes	
	If no, give reason:	NA	
	Was verification provided to demonstrate that the proposed plant site is adjacent to and contiguous with the right of way of a public works project?	NA	
	Comments:	No comments	
	Date Application Received:	July 19, 2010	
	Date Administratively Complete:	August 4, 2010	
	Small Business Source?	Yes	
	Date Leg Letters mailed:	August 4, 2010 and February 11, 2011	
	39.603	Date Published:	August 18, 2010 and March 10, 2011
		Publication Name:	Fort Worth Weekly and Fort Worth Star Telegram
Pollutants:		PM, PM _{2.5} , PM ₁₀ , Cement, Aggregate, Road Dust	
Date Affidavits/Copies Received:		August 30, 2010 and March 25, 2011	
Is bilingual notice required?		No, no bilingual program	
Language:		NA	
Date Published:		NA	
Publication Name:		NA	
Date Affidavits/Copies Received:		NA	
Date Certification of Sign Posting / Application Availability Received:		September 16, 2010	
39.604	Public Comments Received?	Yes (65)	
	Hearing Requested?	Yes (5), one hearing request has been withdrawn	
	Meeting Request?	Yes (7)	
	Date Response to Comments sent to OCC:	October 5, 2011	
	Consideration of Comments:		
39.419	Is 2nd Public Notice required?	Yes	
	Date 2nd Public Notice Mailed:	October 7, 2010 and May 20, 2011	
39.603	Preliminary Determination:	Yes	
	Date Published:	October 13, 2010 and May 28, 2011	
	Publication Name:	Fort Worth Weekly and Fort Worth Star Weekly	
	Pollutants:	PM, PM _{2.5} , PM ₁₀ , Cement, Aggregate, Road Dust	
	Date Affidavits/Copies Received:	October 25, 2010 and June 13, 2011	
	Is bilingual notice required?	No, no bilingual program	
	Language:	NA	
	Date Published:	NA	
	Publication Name:	NA	
	Date Affidavits/Copies Received:	NA	
Date Certification of Sign Posting / Application Availability Received:	June 13, 2011		
Public Comments Received?	Yes (67)		

**Concrete Batch Plant Standard Permit
Source Analysis & Technical Review**

Permit No. 93109
Page 3

Regulated Entity No. RN105968606

Rule Citation	Requirement	
	Meeting Request?	Yes (7)
	Date Meeting Held:	September 16, 2010 and June 30, 2011
	Hearing Request?	Yes (5)
	Date Hearing Held:	
	Request(s) withdrawn?	(1) Mr. Alan Beck
	Date Withdrawn:	
	Consideration of Comments:	
39.421	Date RTC, Technical Review & Draft Permit Conditions sent to OCC:	October 5, 2011
	Request for Reconsideration Received?	
	Final Action:	
	Are letters Enclosed?	

Recommendations

All conditions of Standard Permit satisfied?	Yes
Final Action:	Issue Standard Permit
Comments:	

Project Reviewer	Date	Team Leader/Section Manager/Backup	Date
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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
Protecting Texas by Reducing and Preventing Pollution

DATE

MR PERRY RUPP
PRESIDENT
P & L CAST STONE INC
PO BOX 1751
ROANOKE TX 76262-1751

Re: Air Quality Standard Permit for Concrete Batch Plants
(As amended effective July 10, 2003)
Standard Permit Registration Number: 93109
Concrete Batch Plant
Roanoke, Tarrant County
Regulated Entity Number: RN105968606
Customer Reference Number: CN602494478

Dear Mr. Rupp:

This is in response to your Form PI-1S (Air Quality Standard Permit Registration for Concrete Batch Plants) concerning the proposed construction of a permanent concrete batch plant to be located at 4000 Haslet Roanoke Road, Roanoke, Tarrant County.

After evaluation of the information which you have furnished, we have determined that your proposed construction is authorized under Title 30 Texas Administrative Code § 116.611 (30 TAC § 116.611), as codified in the Texas Health and Safety Code § 382.05195, if constructed and operated as described in your registration. This standard permit is authorized by the Texas Commission on Environmental Quality (TCEQ) in accordance with 30 TAC Chapter 116. The enclosed standard permit for concrete batch plants was amended and became effective on July 10, 2003.

A copy of the air quality standard permit for concrete batch plants with an effective date of July 10, 2003, is enclosed. You must begin construction or modification of these facilities in accordance with the standard permit no later than 18 months after the date of this letter. After completion of construction or modification, the appropriate TCEQ Regional Office must be notified prior to commencing operation and the facility shall be operated in compliance with all applicable conditions of the claimed standard permit (enclosed). Also enclosed is a notification form for you to complete and send in prior to your construction or site move.

Mr. Perry Rupp
Page 2
DATE

Re: Standard Permit Registration Number: 93109

This standard permit authorizes operations including planned start-up and shutdown emissions. Maintenance activities are not authorized by this standard permit. These maintenance activities will need to be authorized separately prior to January 5, 2013.

You are reminded that regardless of whether a permit is required, these facilities must be in compliance with all rules and regulations of the TCEQ and of the U.S. Environmental Protection Agency at all times.

Your cooperation in this matter is appreciated. If you need further information or have any questions, please contact Mr. Donald D. Nelon at (512) 239-0894 or write to the Texas Commission on Environmental Quality, Office of Air, Air Permits Division, MC-163, P.O. Box 13087, Austin, Texas 78711-3087.

This action is taken under authority delegated by the Executive Director of the TCEQ.

Sincerely,

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

MPW/DDN/ddm

Enclosures

cc: Air Section Manager, Region 4 - Fort Worth

Project Number: 158978

**MOVING A PORTABLE FACILITY AUTHORIZED TO
OPERATE UNDER A STANDARD PERMIT***

TCEQ Air Quality Regulated Entity Number: RN105968606

1.	Company name:	P & L Cast Stone Inc		
	Office address:	PO Box 1751		
		Roanoke, Texas 76262-1751		
	Contact name and title:	Mr. Perry Rupp, President		
	Telephone:		Fax:	
2.	Type of facility:	Concrete Batch Plant		
3. A.	Location from which plant is moving:			
		(address, city, county, project name, exact location description)		
	B. Standard Permit or Permit by Rule Registration No. for previous			
	C. Last TCEQ Record No. (Found at end of approval letter):			
	D. Date actually started operating at site:			
	E. Last date at site:			
4. A.	Location to which the plant is to be moved:			
		(address, city, county, project name, exact location description)		
	B. Proposed start of construction date:			
	C. Proposed start of operation date:			
	D. Expected length of time at new location:			
5.	Was this notification sent to:	Yes	No	TCEQ Air Permits Division, Austin?
		Yes	No	TCEQ Regional Office?
		Yes	No	Local air pollution program (if applicable)?

Signature _____ Date: _____

Name: _____ Title: _____

Please fax this form to the appropriate TCEQ Region and Local Program(s) no later than 24 hours prior to moving the plant.

*** Note - This form cannot be used to register a facility at a new site. It should be completed only when a facility is about to be moved to a site which has already been registered and approved by the TCEQ Executive Director.**

This form has been developed as part of an effort by the TCEQ Office of Air, Air Permits Division to streamline standard permit registration reviews and the tracking of facilities that frequently relocate. This form confirms requested and approved locations for your portable facility and ensures that the Agency has accurate records to expedite future registration requests. This form should be used to notify the TCEQ Regional Offices and local air pollution control programs when relocating.

Whenever possible, please fax the completed form 24 hours prior to moving the plant. Copies should be faxed to the Air Permits Division in Austin (512) 239-1300 and the appropriate TCEQ Regional Office and Local Program(s).

Regional Office FAX Numbers:			
Region 1 - Amarillo	(806) 358-9545	Region 9 - Waco	(254) 772-9241
Region 2 - Lubbock	(806) 796-7107	Region 10 - Beaumont	(409) 892-2119
Region 3 - Abilene	(915) 692-5869	Region 11 - Austin	(512) 339-3795
Region 4 - Dallas/Ft. Worth	(817) 588-5700	Region 12 - Houston	(713) 767-3761
Region 5 - Tyler	(903) 595-1562	Region 13 - San Antonio	(210) 545-4329
Region 6 - El Paso	(915) 834-4940	Region 14 - Corpus Christi	(512) 825-3101
Region 7 - Midland	(915) 570-4795	Region 15 - Harlingen	(956) 412-5059
Region 8 - San Angelo	(915) 658-5431	Region 16 - Laredo	(956) 791-6716

Local Program FAX Numbers:			
Austin-Travis County	(512) 469-2030	City of Houston	(713) 640-4343
City of Austin	(512) 499-2859	City of Irving	(972) 721-3634
Brazoria County	(409) 849-0324	City of Lewisville	(972) 219-3414
City of Carrollton	(972) 466-3175	City of Nacogdoches	(409) 560-5137
City of Dallas	(214) 948-4426	City of Richardson	(972) 644-2618
El Paso City-County Health Dist.	(915) 771-5714	City of San Antonio	(210) 207-8039
City of Farmers Branch	(972) 241-6305	City of Sugar Land	(281) 275-2771
Fort Worth Dept. of Env. Mgmt.	(817) 871-5464	City of Webster	(281) 332-5834
Galveston County	(409) 938-2321	Wichita Falls-Wichita County	(940) 761-7821
Harris County	(713) 475-8906		

In addition, if a facility is not moving to a site that has been registered, please forward this form to the TCEQ Regional Offices and any affected local air pollution control programs.

Please send all correspondence or comments to the Texas Commission on Environmental Quality, Office of Air, Air Permits Division, Mechanical/Combustion Section, MC-163, P.O. Box 13087, Austin, Texas 78711-3087, FAX (512) 239-1300.

Standard Permit General Conditions

The following general conditions are applicable to holders of standard permits, but will not necessarily be specifically stated within the standard permit document.

- (1) Protection of public health and welfare. The emissions from the facility must comply with all applicable rules and regulations of the commission adopted under the Texas Health and Safety Code, Chapter 382, and with intent of the TCAA, including protection of health and property of the public.
- (2) Standard permit representations. All representations with regard to construction plans, operating procedures, and maximum emission rates in any registration for a standard permit become conditions upon which the facility or changes thereto, must be constructed and operated. It is unlawful for any person to vary from such representations if the change will affect that person's right to claim a standard permit under this section. Any change in condition such that a person is no longer eligible to claim a standard permit under this section requires proper authorization under Title 30 Texas Administrative Code § 116.110 (30 TAC § 116.110) of this title (relating to Applicability). If the facility remains eligible for a standard permit, the owner or operator of the facility shall notify the executive director of any change in conditions which will result in a change in the method of control of emissions, a change in the character of the emissions, or an increase in the discharge of the various emissions as compared to the representations in the original registration or any previous notification of a change in representations. Notice of changes in representations must be received by the executive director no later than 30 days after the change.
- (3) Standard permit in lieu of permit amendment. All changes authorized by standard permit to a facility previously permitted under 30 TAC § 116.110 of this title (relating to Applicability) shall be administratively incorporated into that facility's permit at such time as the permit is amended or renewed.
- (4) Construction progress. Start of construction, construction interruptions exceeding 45 days, and completion of construction shall be reported to the appropriate regional office not later than 15 working days after occurrence of the event, except where a different time period is specified for a particular standard permit.
- (5) Start-up notification. The appropriate air program regional office of the commission and any other air pollution control program having jurisdiction shall be notified prior to the commencement of operations of the facilities authorized by the standard permit in such a manner that a representative of the executive director may be present. For phased construction, which may involve a series of units commencing operations at different times, the owner or operator of the facility shall provide separate notification for the commencement of operations for each unit. A particular standard permit may modify start-up notification requirements.
- (6) Sampling requirements. If sampling of stacks or process vents is required, the standard permit holder shall contact the Office of Air and any other air pollution control program having jurisdiction prior to sampling to obtain the proper data forms and procedures. All sampling and testing procedures must be approved by the executive director and coordinated with the regional representatives of the commission. The standard permit holder is also responsible for providing sampling facilities and conducting the sampling operations or contracting with an independent sampling consultant.

- (7) Equivalency of methods. The standard permit holder shall demonstrate or otherwise justify the equivalency of emission control methods, sampling or other emission testing methods, and monitoring methods proposed as alternatives to methods indicated in the conditions of the standard permit. Alternative methods must be applied for in writing and must be reviewed and approved by the executive director prior to their use in fulfilling any requirements of the standard permit.
- (8) Recordkeeping. A copy of the standard permit along with information and data sufficient to demonstrate applicability of and compliance with the standard permit shall be maintained in a file at the plant site and made available at the request of representatives of the executive director, the U.S. Environmental Protection Agency, or any air pollution control program having jurisdiction. For facilities that normally operate unattended, this information shall be maintained at the nearest staffed location within Texas specified by the standard permit holder in the standard permit registration. This information must include (but is not limited to) production records and operating hours. Additional recordkeeping requirements may be specified in the conditions of the standard permit. Information and data sufficient to demonstrate applicability of and compliance with the standard permit must be retained for at least two years following the date that the information or data is obtained. The copy of the standard permit must be maintained as a permanent record.
- (9) Maintenance of emission control. The facilities covered by the standard permit may not be operated unless all air pollution emission capture and abatement equipment is maintained in good working order and operating properly during normal facility operations. Notification for upsets and maintenance shall be made in accordance with 30 TAC §§ 101.201 and 101.211 of this title (relating to Emissions Event Reporting and Recordkeeping Requirements, Scheduled Maintenance, Startup, and Shutdown Reporting and Recordkeeping Requirements, Recordkeeping; and Operational Requirements).
- (10) Compliance with rules. Registration of a standard permit by a standard permit applicant constitutes an acknowledgment and agreement that the holder will comply with all rules, regulations, and orders of the commission issued in conformity with the TCAA and the conditions precedent to the claiming of the standard permit. If more than one state or federal rule or regulation or permit condition is applicable, the most stringent limit or condition shall govern. Acceptance includes consent to the entrance of commission employees and designated representatives of any air pollution control program having jurisdiction into the permitted premises at reasonable times to investigate conditions relating to the emission or concentration of air contaminants, including compliance with the standard permit.
- (11) Distance Limitations. Distance limitations, setbacks, and buffer zones. Notwithstanding any requirement in any standard permit, if a standard permit for a facility requires a distance, setback, or buffer from other property or structures as a condition of the permit, the determination of whether the distance, setback, or buffer is satisfied shall be made on the basis of conditions existing at the earlier of:
- (A) The date new construction, expansion, or modification of a facility begins; or
 - (B) The date any application or notice of intent is first filed with the commission to obtain approval for the construction or operation of the facility.

Air Quality Standard Permit for Concrete Batch Plants

Standard Permit No. 4

Effective Date July 10, 2003

This air quality standard permit authorizes concrete batch plant facilities which meet all of the conditions listed in paragraphs (1) through (3) and one of paragraphs (4), (5), or (6). If a standard permit registration is based on paragraphs (4), (5), or (6) and changes are proposed which change the paragraph under which the facility will be constructed and operate, the concrete batch plant must reapply for a new standard permit.

(1) Administrative Requirements

- (A) Any concrete batch plant authorized under this standard permit shall be registered in accordance with Title 30 Texas Administrative Code § 116.611 (30 TAC § 116.611), Registration to use a Standard Permit. Owners or operators shall submit a completed Form PI-1S entitled "Air Quality Standard permit Registration for Concrete Batch Plants," Table 20 entitled, "Concrete Batch Plants" and a Concrete Batch Plant Standard Permit checklist. Facilities which meet the conditions of this standard permit do not have to meet the emissions and distance limitations listed in 30 TAC § 116.610(a)(1), Applicability.
- (B) Applications shall also comply with 30 TAC § 116.614 "Standard Permit Fees" when the registration is required to complete public notification under paragraph two of this standard permit.
- (C) No owner or operator of a concrete batch plant shall begin construction and/or operation without obtaining written approval from the Texas Commission on Environmental Quality (TCEQ), Executive Director. The time period in 30 TAC § 116.611(b) (45 days) does not apply to facilities registering under this permit. Those facilities which are not required to comply with the public notification requirements of paragraph two should receive approval within 45 days after receipt of the registration request by the TCEQ Executive Director. Start of construction of any facility registered under this standard permit shall comply with 30 TAC § 116.115(b)(2)(A) and commence within 18 months of written approval from the TCEQ.
- (D) Any concrete batch plant which has registered but not constructed or filed a registration request for a permit by rule filed under 30 TAC §§ 106.201, 106.202, or 106.203 [relating to Permanent and Temporary Concrete Batch Plants (previously SE 71); Temporary Concrete Batch Plants (previously SE 93); and Specialty Batch Plants (previously SE 117)] prior to the effective date of this permit will be processed under those rules.
- (E) Applicants are not required to submit air dispersion modeling as a part of any concrete batch plant standard permit application.
- (F) Records shall be maintained on-site for the following:
 - (i) production rates for each hour of operation which demonstrate compliance with the most applicable of paragraphs (4)(A), (5)(B) and (C), or (6)(C) and (D); and

- (ii) production and other records as required by 30 TAC §§ 101.6 - 101.7 and by (1)(F)(i) of this standard permit shall be kept for lesser of either the most recent rolling 24-month period or the duration of operation at a given site.

(2) Public Notice

Unless the facility is to be a temporary concrete plant, as defined in paragraph five of this permit, which is located in, or contiguous to, the right-of-way of a public works project, public notice must be conducted. Notification must follow the requirements in 30 TAC Chapter 39, Subchapters H and K. In addition, sign posting must be performed following the requirements of 30 TAC § 39.604. The signs shall be headed by the words "PROPOSED AIR QUALITY STANDARD PERMIT."

(3) General Requirements

- (A) All cement/fly ash storage silos and weigh hoppers shall be equipped with a fabric or cartridge filter or vented to a fabric or cartridge filter system.
- (B) Fabric filters and collection systems shall meet all of the following:
 - (i) any fabric or cartridge filter, any fabric or cartridge filter system, and any suction shroud shall be maintained and operated properly with no tears or leaks;
 - (ii) all filter systems (including any central filter system) shall be designed to meet at least 0.01 outlet grain loading (grains/dry standard cubic foot);
 - (iii) all filter systems, mixer loading, and batch truck loading emissions control devices shall meet a performance standard of no visible emissions exceeding 30 seconds in any six-minute period as determined using U.S. Environmental Protection Agency (EPA) Test Method (TM) 22; and
 - (iv) when cement or fly ash silos are filled during non-daylight hours, the silo filter system exhaust shall be sufficiently illuminated to enable a determination of compliance with the visible emissions requirement in (3)(B)(iii) of this permit.
- (C) Conveying systems for the transfer of cement/fly ash shall meet all of the following:
 - (i) conveying systems to and from the storage silos shall be totally enclosed, operated properly, and maintained with no tears or leaks; and
 - (ii) these systems, except during cement/fly ash tanker connect and disconnect, shall meet a performance standard of no visible emissions exceeding 30 seconds in any six-minute period as determined using EPA TM 22.
- (D) A warning device shall be installed on each bulk storage silo. This device shall alert operators in sufficient time prior to the silo reaching capacity during loading operations, so that the loading operation can be stopped prior to filling to such a level as to potentially adversely impact the pollution abatement equipment. Any filling of the silo resulting in failure of the abatement system, or visible emissions in excess of paragraph (3)(B)(iii) of this standard permit, must be documented and reported following the requirements of 30 TAC § 101.6 or 101.7, as appropriate.

(E) Dust emissions from all in-plant roads and traffic areas associated with the operation of the concrete batch plant must be minimized at all times by at least one of the following methods:

- (i) covered with a material such as, but not limited to, roofing shingles or tire chips (when used in combination with (ii) or (iii) of this subsection);
- (ii) treated with dust-suppressant chemicals;
- (iii) watered; or
- (iv) paved with a cohesive hard surface that is maintained intact and cleaned.

(F) All stockpiles shall be sprinkled with water, dust-suppressant chemicals, or covered, as necessary, to minimize dust emissions.

(G) Spillage of materials used in the batch shall be immediately cleaned up and contained or dampened so that dust emissions are minimized.

(4) Additional Requirements for Concrete Batch and Specialty Batch Concrete, Mortar, Grout Mixing, or Pre-Cast Concrete Products Plants

(A) Site production shall not exceed 30 cubic yards per hour.

(B) As an alternative to the requirement in paragraph (3)(A) of this section, the cement/fly ash weigh hopper may be vented inside the batch mixer.

(C) Dust emissions at the batch mixer feed shall be controlled by one of the following:

- (i) a spray device which eliminates visible emissions;
- (ii) a pickup device delivering air to a fabric or cartridge filter;
- (iii) an enclosed batch mixer feed such that no visible emissions occur; or
- (iv) conducting the entire mixing operation inside the enclosed process building such that no visible emissions from the building occur during mixing activities.

(D) Except for incidental traffic, vehicles used for the operation of the concrete batch plant may not be operated within 25 feet of any property line, except for entrance and exit to the site. In lieu of meeting this distance requirement, roads and other traffic areas must be bordered by dust preventive fencing or other barrier along all traffic routes or work areas within the 25-foot specified buffer area. These borders shall be constructed to a height of at least 12 feet.

(5) Additional Requirements for Temporary Concrete Plants

For the purposes of this section, a temporary concrete plant is one that occupies a designated site for not more than 180 consecutive days or supplies concrete for a single project (single contract or same contractor for related project segments), but not other unrelated projects.

(A) Site production shall be limited to no more than 300 cubic yards per hour.

- (B) Dust control at the truck drop or mixing point shall comply with one of the following:
- (i) Facilities which occupy a site for less than 180 consecutive days and have production rates less than 200 cy/hr may load rotary mix trucks through a discharge spout equipped with a water fog ring having low-velocity fog nozzles spaced to create a continuous fog curtain that minimizes dust emissions. If a water fog ring is used at the truck drop point, the visible emissions limitations (and associated compliance determination methods) of subsection (3)(B)(III) and (IV) must be met.
 - (ii) All other facilities must use a suction shroud and fabric filter/cartridge filter system. The suction shroud or other pickup device shall be installed at the batch drop point (drum feed for central mix plants) and vented to a fabric or cartridge filter system with a minimum of 4,000 actual cubic feet per minute of air and must meet subsection (3)(B).
- (C) All of the following applicable distance limitations must be met. For concrete batch plants which supply concrete for a single public works project, the "property line" measurements for purposes of compliance with this standard permit and 30 TAC § 111.155 shall be made to the outer boundaries of the designated public property, roadway project and associated rights-of-way.
- (i) The suction shroud baghouse exhaust or truck drop point shall be located at least 100 feet from any property line.
 - (ii) For those facilities with a water fog ring, the truck drop point shall be a minimum of 300 feet from the nearest non-industrial receptor.
 - (iii) Stationary equipment, stockpiles, or vehicles used for the operation of the concrete batch plant (except for incidental traffic and the entrance and exit to the site) may not be located or operated, respectively, within the following specified distances from any property line:
 - (iv) for those facilities with production rates less than or equal to 200 cubic yards per hour, at least 25 feet; and
 - (v) for those facilities with production rates more than 200 and less than or equal to 300 cubic yards per hour, at least 50 feet.
- (D) In lieu of meeting the distance requirements for roads and stockpiles of (5)(C)(iii), the following may be followed:
- (i) roads and other traffic areas within the buffer distance must be bordered by dust suppressing fencing or other barrier along all traffic routes or work areas. These borders shall be constructed to a height of at least 12 feet; and
 - (ii) stockpiles within this buffer distance must be contained within a three-walled bunker which extends at least two feet above the top of the stockpile.
- (E) The owner or operator of a temporary concrete plant that has previously been determined by the commission to be in compliance with the technical requirements of the standard permit in effect at the time of registration, which supplies concrete to a public works project and is located in or contiguous to the right of way of that public works project may, in lieu of the registration requirement in subsection (1)(A) of this standard permit, register by notifying the appropriate TCEQ Regional Office and any local air pollution control agency having jurisdiction in writing at least 30 calendar days prior to locating at the site. The notification shall include the owner and, if applicable, the operator's name, address, and phone number as well as the physical description of the

site, scaled plot plan of site with location of equipment authorized by this standard permit, concrete plant serial number, account number or regulated entity number, expected hours of operation, expected date of arrival on site and expected date to vacate the site, a completed Table 20, and a Concrete Batch Plant Standard Permit Checklist. Temporary concrete plants that do not supply concrete to a public works project must apply for a new registration under subsection (1)(A) of this standard permit in order to relocate at a new site.

(6) Additional Requirements for Other Concrete Plants

- (A) Site production shall be limited to no more than 300 cubic yard per hour.
- (B) A suction shroud or other pickup device shall be installed at the batch drop point (drum feed for central mix plants) and vented to a fabric or cartridge filter system with a minimum of 4,000 actual cubic feet per minute of air.
- (C) All entry and exit roads and main traffic routes associated with the operation of the concrete batch plant (including batch truck and material delivery truck roads) shall be paved with a cohesive hard surface that can be maintained intact and shall be cleaned. All batch trucks and material delivery trucks shall remain on paved surface when entering, conducting primary function, and leaving the property. Other traffic areas must comply with the control requirements of paragraph (3)(E).
- (D) The following distance limitations must be met:
 - (i) the suction shroud baghouse exhaust shall be at least 100 feet from any property line;
 - (ii) stationary equipment, stockpiles, or vehicles used for the operation of the concrete batch plant (except for incidental traffic and the entrance and exit to the site) may not be located or operated, respectively, within the following specified distances from any property line:
 - (iii) for those facilities with production rates less than or equal to 200 cubic yards per hour, at least 25 feet; and
 - (iv) for those facilities with production rates more than 200 and less than or equal to 300 cubic yards per hour, at least 50 feet.
- (E) In lieu of meeting the distance requirements for roads and stockpiles of (5)(C)(ii), the following may be followed:
 - (i) roads and other traffic areas within the buffer distance must be bordered by dust suppressing fencing or other barrier along all traffic routes or work areas. These borders shall be constructed to a height of at least 12 feet; and
 - (ii) stockpiles within this buffer distance must be contained within a three-walled bunker which extends at least two feet above the top of the stockpile.