

CIC Environmental



April 23, 2014

Mr. Mike Wilson (MC 163)  
Director, Air Permits Division  
Texas Commission on Environmental Quality  
P.O. Box 13087  
Austin, Texas 78711-3087

**AIR PERMITS DIVISION**

**APR 24 2014**

**RE: Southern Crushed Concrete, LLC**  
**Customer Number: CN603079401**  
**Regulated Entity Number: New Facility**

**RECEIVED**

*Hand delivered*

**Air Quality Standard Permit Registration for Temporary Concrete Batch Plant**

Dear Mr. Wilson:

Enclosed is a PI-15-CBP, CORE Data Form and supporting documents to initiate the air permitting process for a concrete batch plant for Southern Crushed Concrete, LLC for their portable facility to be located at 5001 Gasmer Drive, Houston - Harris County. This will be a temporary Concrete Batch Plant for various projects in the area and will be located on site for no more than 180 days.

The facility is a new portable facility and will need a portable permit number and regulated entity number assigned to the facility.

CIC respectfully requests a copy of the air permit authorization for our files. You or your staff can contact me with any questions or comments as they arise at [512] 292-4314 or email me at [monique@cicenvironmental.com](mailto:monique@cicenvironmental.com).

Sincerely,

Monique Wells  
Environmental Consultant

Enclosures

cc: Mr. Jim Miller, Southern Crushed Concrete, LLC  
Mr. Andy Goodridge, Air Section Manager, TCEQ Region 12 – Houston  
Mr. Arturo J. Blanco, Bureau Chief of Pollution Control & Prevention, Environmental Health  
Division, City of Houston  
Mr. Bob Allen, Director, Harris County Pollution Control Services Department

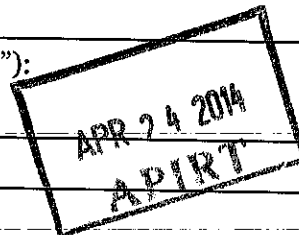
## **LIST OF ATTACHMENTS**

PI-15  
CORE Data Form  
Copy of Fee Payment  
Air Quality Standard Permit Checklist for Concrete Batch Plants  
Site Location Map  
Aerial Map – Site Location  
Senator/Representative Information  
District Maps (2)  
Process Description  
Process Flow Diagram  
Emissions Calculations  
Table 11 - Fabric Filters  
Table 20 - Concrete Batch Plants  
Recordkeeping Information  
Baghouse Specification Sheet



**Texas Commission on Environmental Quality**  
**Form PI-1S**  
**Registrations for Air Standard Permit**  
**(Page 1)**

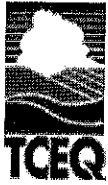
<b>I. Registrant Information</b>		
<b>A.</b> Is a TCEQ Core Data Form (TCEQ Form No. 10400) attached? Core Data Form required for Standard Permits 6004, 6006, 6007, 6008, and 6013.		<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
Customer Reference Number (CN): 603079401		
Regulated Entity Number (RN): New		
<b>B.</b> Company or Other Legal Customer Name (must be same as Core Data "Customer"): Southern Crushed Concrete, LLC		
Company Official Contact Name: Jim Miller		
Title: Manager		
Mailing Address: 9303 New Trails Drive, Suite 200		
City: The Woodlands	State: TX	ZIP Code: 77381
Phone No.: 281-987-8787	Fax No.: 281-987-8791	E-mail Address: jmiller@scctx.com
<b>C.</b> Technical Contact Name: Monique Wells		
Title and Company: Environmental Consultant, CIC Environmental, LLC		
Mailing Address: P.O. Box 151000		
City: Austin	State: TX	ZIP Code: 78715
Phone No.: 512-292-4314	Fax No.: 512-410-3010	E-mail Address: monique@cicenvironmei
<b>D.</b> Facility Location Information (Street Address): 5001 Gasmer Drive		
If no street address, provide clear driving directions to the site in writing:		
City: Houston	County: Harris	ZIP Code: 77035
Latitude (nearest second): 29 30 55		Longitude (nearest second): 95 28 01
<b>II. Facility and Site Information</b>		
<b>A.</b> Name and Type of Facility: SCC Portable CBP-01		<input type="checkbox"/> Permanent <input checked="" type="checkbox"/> Temporary
<b>B.</b> Type of Action:		
<input type="checkbox"/> Initial Application	<input type="checkbox"/> Renewal	<input type="checkbox"/> Change to Registration
<input type="checkbox"/> Registration No.:	<input type="checkbox"/> Expiration Date:	
<b>C.</b> List the Standard Permit Claimed: 6004		
Description: Standard Air Quality Permit for Concrete Batch Plants		





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**Registrations for Air Standard Permit**  
**PI-1S**  
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<b>II. Facility and Site Information (continued)</b>	
<b>D. Concrete Batch Plant Standard Permit (Check one)</b>	
<input type="checkbox"/> Central Mix <input type="checkbox"/> Ready Mix <input type="checkbox"/> Specialty Mix <input type="checkbox"/> Enhanced Controls for Concrete Batch Plants	
<b>E. Proposed Start of Construction: June 1, 2014</b>	<b>Length of Time at the Site: 180 day</b>
<b>F. Is there a previous Standard Exemption or Permit by Rule for the facilities in this registration? (Attach details regarding changes)</b>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
If "YES," list Permit No.:	
<b>G. Are there any other facilities at this site which are authorized by an air Standard Permit?</b>	
<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	
If "YES," list Permit No.:	
<b>H. Are there any other air preconstruction permits at this site?</b>	
<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	
If "YES," list Permit No.:	
<b>Are there any other air preconstruction permits at this site that would be directly associated with this project?</b>	
<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	
If "YES," list Permit No.:	
<b>I. TCEQ Account Identification Number (if known):</b>	
<b>J. Is this facility located at a site which is required to obtain a federal operating permit pursuant to 30 TAC Chapter 122?</b>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> To Be Determined
<b>K. Identify the requirements of 30 TAC Chapter 122 that will be triggered if this Form PI-1S application is approved.</b>	
<input type="checkbox"/> Application for an FOP <input type="checkbox"/> FOP Significant Revision <input type="checkbox"/> FOP Minor	
<input type="checkbox"/> Operational Flexibility/Off-Permit Notification <input type="checkbox"/> Streamlined Revision for GOP	
<input type="checkbox"/> To Be Determined <input checked="" type="checkbox"/> None	
<b>L. Identify the type(s) issued and/or FOP application(s) submitted/pending for the site. (check all that apply)</b>	
<input type="checkbox"/> SOP <input type="checkbox"/> GOP <input type="checkbox"/> GOP Application/Revision Application: Submitted or Under APD Review	
<input type="checkbox"/> SOP Application Review Application: Submitted or Under APD Review <input checked="" type="checkbox"/> N/A	



**Texas Commission on Environmental Quality**  
**Registrations for Air Standard Permit**  
**PI-1S**  
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<b>III. Fee Information</b>		
A. Is a copy of the check or money order attached?		<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
Check/Money Order/Transaction Number: <u>207229</u>		
Company name on Check:		
Fee Amount: <u>900.00</u>		
<b>IV. Public Notice (If Applicable)</b>		
A. Is the plant located at a site contiguous or adjacent to the public works project?		<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
B. Name of Public Place: <u>Houston Public Library - Meyer Neighborhood Branch</u>		
Physical Address: <u>5005 West Bellfort</u>		
City: <u>Houston</u>		County: <u>Harris</u>
C. Small Business Classification:		<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
D. Concrete batch plants with enhanced controls, permanent rock crushers, and animal carcass incinerators shall place a copy of the technically complete application at the appropriate TCEQ regional office only.		
E. Please furnish the names of the state legislators who represent the area where the facility site is located:		
State Senator: <u>Rodney Ellis - District 13</u>		
State Representative: <u>Borris Miles - District 146</u>		
F. For Concrete Batch Plants, name of the County Judge for this facility site:		
County Judge: <u>County Judge Ed Emmett</u>		
Mailing Address: <u>1001 Preston, Suite 911</u>		
City: <u>Houston</u>		State: <u>TX</u> ZIP Code: <u>77002</u>
G. For Concrete Batch Plants, is the facility located in a municipality and/or extraterritorial jurisdiction of a municipality?		<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
If "YES," list the name(s) of the Presiding Officer(s) for the municipality and/or extraterritorial jurisdiction:		
Presiding Officer(s): <u>Mayor Annise D. Parker</u>		
Title: <u>Mayor</u>		
Mailing Address: <u>P.O. Box 1562</u>		
City: <u>Houston</u>		State: <u>TX</u> ZIP Code: <u>77251</u>



**Texas Commission on Environmental Quality**  
**Registration for Air Standard Permit**  
**Form PI-1S**  
**(Page 4)**

**V. Technical Information Including State and Federal Regulatory Requirements**  
**Registrants must be in compliance with all applicable state and federal regulations and standards to claim a Standard Permit.**

- |   |   |
|---|---|
| A. Is confidential information submitted and properly marked with this registration?                                    | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |
| B. Is a process flow diagram and a process description attached?  | <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO |
| C. Is a plot plan attached?   | <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO |
| D. Are emissions data and calculations for this claim attached?   | <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO |
| E. Is information attached showing how the general requirements and applicability (30 TAC 116.610 and 116.615) are met? | <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO |
| F. Is information attached showing how the specific requirements are met?   | <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO |

**VI. Delinquent Fees and Penalties**

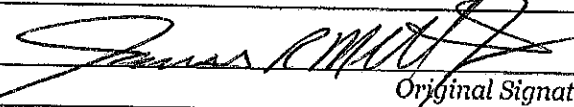
This form **will not be processed** until all delinquent fees and/or penalties owed to the TCEQ or the Office of the Attorney General on behalf of the TCEQ is paid in accordance with the Delinquent Fee and Penalty Protocol. For more information regarding Delinquent Fees and Penalties, go to the TCEQ Web site at: [www.tceq.texas.gov/agency/delin/index.html](http://www.tceq.texas.gov/agency/delin/index.html).

**VII. Signature Requirements**

The signature below indicates that I have knowledge of the facts herein set forth and that the same are true and correct to the best of my knowledge and belief. I further state that to the best of my knowledge and belief, the project for which application is made will not in any way violate any provision of the Texas Water Code (TWC), Chapter 7, Texas Clean Air Act (TCAA), as amended, or any of the air quality rules and regulations of the Texas Commission on Environmental Quality or any local governmental ordinance or resolution enacted pursuant to the TCAA. I further state that I have read and understand TWC 7.177 and 7.183, which defines **Criminal Offenses** for certain violations, including intentionally or knowingly making or causing to be made false material statements or representations in this application, and TWC 7.187, pertaining to **Criminal Penalties**.

Name: Jim Miller, Manager

*Print Full Name*

Signature: 

*Original Signature Required*

Date: 4/17/2014



## Air Quality Standard Permit for Concrete Batch Plants Registration Checklist

The following checklist has been developed so the Texas Commission on Environmental Quality (TCEQ), Air Permits Division (APD) can confirm that the concrete batch plant meets the standard permit requirements. Please read all questions and select YES, NO, N/A, or give specific information for the facility. If the concrete batch plant does not meet all conditions of this standard permit, it will not be allowed to operate under the standard permit and must apply for a case-by-case preconstruction permit as required under Title 30 Texas Administrative Code (TAC) §116.110. Sections 3 through 7 are requirements for all concrete batch plant standard permit applications. Sections 8, 9, and 10 are specific requirements required for either temporary, permanent, or specialty plants.

<b>Facility Type</b>		
Check the facility type authorized		
<input checked="" type="checkbox"/>	Temporary Concrete Batch Plant (Complete Sections 3-7 and 8)	
<input type="checkbox"/>	Permanent Concrete Batch Plant (Complete Sections 3-7 and 9)	
<input type="checkbox"/>	Specialty Concrete Batch Plant (Comp Sections 3-7 and 10)	
<b>Condition Number and Description</b>		
<b>(3) Administrative Requirements</b>		
(3)(A)	Are the form PI-1S, Registrations for Air Standard Permit, Table 11, Fabric Filters, Table 20, Concrete Batch Plants attached?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
	If applicable, is Table 29 Reciprocating Engines attached?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
	Will copies of all information be mailed to the Air Permits Division, the TCEQ regional office, and all applicable local programs?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
(3)(B)	Was the \$900 fee sent to the TCEQ Revenue Section?  (The fee is not required if the facility meets the requirements of being in or adjacent to the right of way of a public works project.)	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
(3)(C)	Has construction and/or operation begun on the facility?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
(3)(G)	Will this facility qualify for relocation under section (8)(F)?  (If yes, the facility will be exempt from public notice requirements in section (4) of this standard permit.)	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
(3)(H)	Will construction commence within 18 months of written approval from the Executive Director in accordance with 30 TAC § 116.120(a)(1), Voiding of Permits?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
(3)(J)	Will records be maintained and kept for a rolling 24 months?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
(3)(K)	Will abatement equipment failure or emissions deviations in excess of paragraph (5)(B)(iii) be reported in accordance with 30 TAC Chapter 101, General Air Quality Rules as appropriate?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO



## Air Quality Standard Permit for Concrete Batch Plants Registration Checklist

<b>(4) Public Notice</b>	
(4) Will the public notice requirements be followed in accordance in 30 TAC Chapter 39, Public Notice?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <i>per phone call</i>
Is this a temporary facility that is exempt from public notice under 30 TAC § 116.178(b), Relocations and Changes of Location of Portable Facilities?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <i>5/13/14</i>
If Yes, please provide a map indicating where the public works right of way is located and the location of the proposed plant. Also provide the name of the project or Texas Department of Transportation project number.	
<b>(5) General Requirement</b>	
(5)(A) Will all cement/flyash storage silos, weigh hoppers, and auxiliary storage tanks be vented to a fabric/cartridge filter or a central fabric/cartridge filter system?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
(5)(B)(i) Will fabric/cartridge filters and collection systems be operated properly with no tears or leaks?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
(5)(B)(ii) Will filter systems (including any central filter system) be designed to meet a minimum control efficiency of at least 99.5 percent at particle sizes of 2.5 microns and smaller?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
(5)(B)(iii) Will all filter systems meet visible emissions performance standards?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
(5)(B)(iv) Will cement and/or flyash silo filter exhausts be equipped with sufficient illumination to observe visible emissions performance if filled during non-daylight hours?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
(5)(C)(i) Will conveying systems to and from the storage silos be properly operated, remain totally enclosed, and maintained with no tears or leaks?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
(5)(C)(ii) During cement/flyash storage silo filling, except for connecting or disconnecting, will you keep a standard of having no visible emissions for more than 30 seconds in any six-minute period from the conveying system?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
(5)(D) Is there an automatic shut-off or warning device installed on each bulk storage silo?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
(5)(D)(i) If an automatic shut-off device is installed, will it shut down the loading operations on each bulk storage silo or auxiliary storage tank prior to reaching capacity?	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A



## Air Quality Standard Permit for Concrete Batch Plants Registration Checklist

<b>(5)</b>	<b>General Requirement (continued)</b>	
(5)(D)(ii)	If a warning device is used, will it alert operators in sufficient time to prevent an adverse impact on the pollution abatement equipment or other parts of the loading operation?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
	Do you regularly prevent particle build-up on visible warning devices?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
(5)(D)(iii)	Will warning devices or shut-off systems be tested at least monthly during operations and records kept indicating test and repair results in accordance with Section (3)(J) of this standard permit?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
(5)(E)	The following methods will be used to control emissions from in-plant roads and traffic areas:	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
(5)(E)(i)	Watering.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
(5)(E)(ii)	Treated with dust-suppressant chemicals (as described in the application of aqueous detergents, surfactants, and other cleaning solutions in the de minimis list).	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
(5)(E)(iii)	Covered with a material such as, (but not limited to), roofing shingles or tire chips and used in combination with (i) or (ii) above.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
(5)(E)(iv)	Paved with a cohesive hard surface that is maintained intact and cleaned.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
(5)(F)	Will dust emissions from all stockpiles be minimized at all times by sprinkling with water, dust-suppressant chemicals, or covered?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
(5)(G)	Will all material spills be immediately cleaned up and contained or dampened so dust emissions are minimized?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
(5)(H)	Will visible emissions leave the property for more than 30 seconds in duration in any six-minute period during normal plant operations as determined using EPA Test Method 22?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
	Will quarterly visible emission observations be performed and recorded in accordance with Section (3)(J) of this standard permit?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
	If visible emissions exceed Test Method 22 criteria, will immediate corrective action be taken and documented?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
(5)(I)	Will the concrete batch plant be located at least 550 feet from any crushing plant or hot mix asphalt plant?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
	If no, will the concrete batch plant operate at the same time as the crushing plant or hot mix asphalt plant?	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A



## Air Quality Standard Permit for Concrete Batch Plants Registration Checklist

<b>(5) General Requirement (continued)</b>	
(5)(J)	Are multiple concrete batch plants being operated on the same site?
	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
	Will site production limits be maintained per Sections (8), (9), or (10)?
	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
(5)(K)	Will any concrete additives emit volatile organic compounds (VOC)?
	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
<b>(6) Engines</b>	
(6)(A)	Will the horsepower (or combined horsepower) of the stationary compression ignition internal combustion engine(s) exceed 1,000 horsepower?
	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A
(6)(C)	Will the engine exhaust stack be a minimum of eight feet tall?
	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A
(6)(D)	Will fuel for the engine be liquid fuel with a maximum sulfur content of no more than 0.0015 percent by weight and not consist of a blend containing waste oils or solvents?
	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A
<b>(7) Planned Maintenance, Startup, and Shutdown (MSS) Activities</b>	
	Will planned maintenance activities receive separate authorization or meet the conditions of 30 TAC § 116.119, De Minimis Facilities or Sources?
	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
<b>(8) Additional Requirements for Temporary Concrete Batch Plants</b>	
(8)(A)	Will the site production rate be limited to 300 cubic yards in any one hour (cy/hr) not to exceed 6,000 cubic yards per day?
	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
(8)(B)	Will the suction shroud be vented to a fabric or cartridge filter system with a minimum of 5,000 actual cubic feet per minute (acfm)?
	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
(8)(C)	Will the truck drop point be sheltered by an intact three-sided curtain or equivalent dust control technology that extends below the mixer truck-receiving funnel?
	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
(8)(D)(i)	Will the suction shroud baghouse exhaust be located at least 100 feet from any property line?
	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
<i>Note: For concrete batch plants that supply concrete for a single public works project, the property line measurements for purposes of compliance with this standard permit shall be made to the outer boundaries of the designated public property, roadway project and associated rights-of-way.</i>	
(8)(D)(ii)	Will all 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) be located or operated at least 50 feet from any property line?
	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A



## Air Quality Standard Permit for Concrete Batch Plants Registration Checklist

(8) Additional Requirements for Temporary Concrete Batch Plants (continued)		
(8)(E)(i)	In lieu of meeting the distance requirements in (8)(D) (ii), will the roads and other traffic areas within the buffer distance be bordered by dust suppressing fencing or other barriers along all traffic routes or work areas?	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A
(8)(E)(ii)	Will these borders be constructed to a height of at least 12 feet?	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A
(8)(E)(iii)	Will stockpiles be contained within a three-walled bunker that extends at least two feet above the top of the stockpile?	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A
(8)(F)(i)	Is a registered portable facility moving to a site for support of a public works project in which the proposed site is located in or contiguous to the right-of-way of the public works project?	<input checked="" type="checkbox"/> YES <input checked="" type="checkbox"/> NO <i>per phugent 5/13/14</i>
(8)(F)(ii)	Is a registered portable facility moving to a site in which a portable facility was located at the site at any time during the previous two years and was the site subject to public notice?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
(8)(G)	If (8)(F) conditions are met, forward the required information to the appropriate regional office for final decision.	
(9) Additional Requirements for Permanent Concrete Batch Plants		
(9)(A)	Will the site production rate be limited to no more than 300 cubic yards in any one hour, not to exceed 6,000 cubic yards per day?	<input type="checkbox"/> YES <input type="checkbox"/> NO
(9)(B)	Will the suction shroud or other pickup device be installed at the batch drop point (drum feed for central mix plants)?	<input type="checkbox"/> YES <input type="checkbox"/> NO
	Will the suction shroud or other pickup device be vented to a fabric or cartridge filter system with a minimum of 5,000 acfm?	<input type="checkbox"/> YES <input type="checkbox"/> NO
(9)(C)	Will the truck drop point be sheltered by an intact three-sided curtain or equivalent dust control technology that extends below the mixer truck-receiving funnel?	<input type="checkbox"/> YES <input type="checkbox"/> NO
(9)(D)(i)	Will the suction shroud baghouse exhaust be located at least 100 feet from any property line?	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
(9)(D)(ii)	Will all 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) be located or operated at least 50 feet from any property line?	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
(9)(E)(i)	In lieu of meeting the distance requirements in (9)(D)(ii), will the roads and other traffic areas within the buffer distance be bordered by dust suppressing fencing or other barriers along all traffic routes or work areas?	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A



## Air Quality Standard Permit for Concrete Batch Plants Registration Checklist

<b>(9) Additional Requirements for Permanent Concrete Batch Plants (continued)</b>		
(9)(E)(ii)	Will these borders be constructed to a height of at least 12 feet?	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
(9)(E)(iii)	Will stockpiles be contained within a three-walled bunker that extends at least two feet above the top of the stockpile?	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
(9)(F)	Will 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) be paved with a cohesive hard surface that can be maintained intact and cleaned?	<input type="checkbox"/> YES <input type="checkbox"/> NO
	Will all batch trucks and material delivery trucks remain on the paved surface when entering, conducting primary function, and leaving the property?	<input type="checkbox"/> YES <input type="checkbox"/> NO
	Will all other traffic areas, except entry and exit roads and main traffic routes, be maintained using the control requirements of subsection (5)(E) of this standard permit.	<input type="checkbox"/> YES <input type="checkbox"/> NO
<b>(10) Additional Requirements for Specialty Concrete Batch Plants</b>		
(10)(A)	Will the site production rate be limited to no more than 30 cubic yards per hour?	<input type="checkbox"/> YES <input type="checkbox"/> NO
(10)(B)	As an alternative to the requirement in subsection (5)(A) of this standard permit, will the cement/fly ash weigh hopper be vented inside the batch mixer?	<input type="checkbox"/> YES <input type="checkbox"/> NO
(10)(C)(i)	Will the dust emissions at the batch mixer be controlled using a suction shroud or other pickup device delivering air to a fabric or cartridge filter?	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
(10)(C)(ii)	Will the dust emissions at the batch mixer be controlled using an enclosed batch mixer feed?	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
(10)(C)(iii)	Will the dust emissions at the batch mixer be controlled by conducting the entire mixing operation inside an enclosed process building?	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
(10)(D)	Will all vehicles used for the operation of the concrete batch plant (except for incidental traffic and the entrance and exit to the site) be located or operated at least 25 feet from any property line?	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
(10)(E)(i)	In lieu of meeting the distance requirements in (10)(D), will the roads and other traffic areas within the buffer distance be bordered by dust suppressing fencing or other barriers along all traffic routes or work areas?	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
(10)(E)(ii)	Will these borders be constructed to a height of at least 12 feet?	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A

**Reset Form**

## Don Nelon

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**From:** Monique Wells <monique@cicenvironmental.com>  
**Sent:** Tuesday, May 13, 2014 11:39 AM  
**To:** Don Nelon  
**Subject:** Re: Southern Crushed  
**Attachments:** CBP Checklist - SCC PDF REV.pdf

Hi Don,

Please find attached the revised Checklist. Answers to questions are as follows:

- Yes, site is required to do Public Notice
- Since this is a temporary facility/site, the roads will NOT be paved
- This is not a public works project

I will let you know when we publish. I'll make sure all the copies have the corrected information in them.

Did you get the other affidavits, etc for the other projects?

Thanks for all your help!!!!

Monique



**CIC Environmental**

O: 512-292-4314  
C: 512-922-2850  
F: 512-410-3010  
P.O. Box 151000  
Austin, TX 78715-1000

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**From:** Don Nelon <[don.nelon@tceq.texas.gov](mailto:don.nelon@tceq.texas.gov)>  
**Date:** Tue, 13 May 2014 16:19:11 +0000  
**To:** Monique Wells <[monique@cicenvironmental.com](mailto:monique@cicenvironmental.com)>  
**Subject:** Southern Crushed

Please confirm roads will be paved (5)(E)(iv).

(8)(F)(i) is marked "yes" indicating the facility will be located in a ROW. This should probably be marked "no".

Everything else looks okay.

Don Nelon

Mech Ag/Const Team

Tel: 512-239-0894

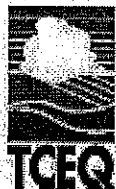
Fax: 512-239-7130



## Air Quality Standard Permit for Concrete Batch Plants Registration Checklist

The following checklist has been developed so the Texas Commission on Environmental Quality (TCEQ), Air Permits Division (APD) can confirm that the concrete batch plant meets the standard permit requirements. Please read all questions and select YES, NO, N/A, or give specific information for the facility. If the concrete batch plant does not meet all conditions of this standard permit, it will not be allowed to operate under the standard permit and must apply for a case-by-case preconstruction permit as required under Title 30 Texas Administrative Code (TAC) §116.110. Sections 3 through 7 are requirements for all concrete batch plant standard permit applications. Sections 8, 9, and 10 are specific requirements required for either temporary, permanent, or specialty plants.

Facility Type		
Check the facility type authorized		
<input checked="" type="checkbox"/>	Temporary Concrete Batch Plant (Complete Sections 3-7 and 8)	
<input type="checkbox"/>	Permanent Concrete Batch Plant (Complete Sections 3-7 and 9)	
<input type="checkbox"/>	Specialty Concrete Batch Plant (Comp Sections 3-7 and 10)	
Condition Number and Description		
(3) Administrative Requirements		
(3)(A)	Are the form PI-1S, Registrations for Air Standard Permit, Table 11, Fabric Filters, Table 20, Concrete Batch Plants attached?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
	If applicable, is Table 29 Reciprocating Engines attached?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
	Will copies of all information be mailed to the Air Permits Division, the TCEQ regional office, and all applicable local programs?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
(3)(B)	Was the \$900 fee sent to the TCEQ Revenue Section?  (The fee is not required if the facility meets the requirements of being in or adjacent to the right of way of a public works project.)	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
(3)(C)	Has construction and/or operation begun on the facility?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
(3)(G)	Will this facility qualify for relocation under section (8)(F)?  (If yes, the facility will be exempt from public notice requirements in section (4) of this standard permit.)	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
(3)(H)	Will construction commence within 18 months of written approval from the Executive Director in accordance with 30 TAC § 116.120(a)(1), Voiding of Permits?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
(3)(J)	Will records be maintained and kept for a rolling 24 months?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
(3)(K)	Will abatement equipment failure or emissions deviations in excess of paragraph (5)(B)(iii) be reported in accordance with 30 TAC Chapter 101, General Air Quality Rules as appropriate?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO



## Air Quality Standard Permit for Concrete Batch Plants Registration Checklist

<b>(4)</b>	<b>Public Notice</b>	
(4)	Will the public notice requirements be followed in accordance in 30 TAC Chapter 39, Public Notice?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
	<p>Is this a temporary facility that is exempt from public notice under 30 TAC § 116.178(b), Relocations and Changes of Location of Portable Facilities?</p> <p>If Yes, please provide a map indicating where the public works right of way is located and the location of the proposed plant. Also provide the name of the project or Texas Department of Transportation project number.</p>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
<b>(5)</b>	<b>General Requirement</b>	
(5)(A)	Will all cement/flyash storage silos, weigh hoppers, and auxiliary storage tanks be vented to a fabric/cartridge filter or a central fabric/cartridge filter system?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
(5)(B)(i)	Will fabric/cartridge filters and collection systems be operated properly with no tears or leaks?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
(5)(B)(ii)	Will filter systems (including any central filter system) be designed to meet a minimum control efficiency of at least 99.5 percent at particle sizes of 2.5 microns and smaller?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
(5)(B)(iii)	Will all filter systems meet visible emissions performance standards?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
(5)(B)(iv)	Will cement and/or flyash silo filter exhausts be equipped with sufficient illumination to observe visible emissions performance if filled during non-daylight hours?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
(5)(C)(i)	Will conveying systems to and from the storage silos be properly operated, remain totally enclosed, and maintained with no tears or leaks?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
(5)(C)(ii)	During cement/flyash storage silo filling, except for connecting or disconnecting, will you keep a standard of having no visible emissions for more than 30 seconds in any six-minute period from the conveying system?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
(5)(D)	Is there an automatic shut-off or warning device installed on each bulk storage silo?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
(5)(D)(i)	If an automatic shut-off device is installed, will it shut down the loading operations on each bulk storage silo or auxiliary storage tank prior to reaching capacity?	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A



## Air Quality Standard Permit for Concrete Batch Plants Registration Checklist

(5) General Requirement (continued)		
(5)(D)(ii)	If a warning device is used, will it alert operators in sufficient time to prevent an adverse impact on the pollution abatement equipment or other parts of the loading operation?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
	Do you regularly prevent particle build-up on visible warning devices?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
(5)(D)(iii)	Will warning devices or shut-off systems be tested at least monthly during operations and records kept indicating test and repair results in accordance with Section (3)(J) of this standard permit?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
(5)(E)	The following methods will be used to control emissions from in-plant roads and traffic areas:	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
(5)(E)(i)	Watering.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
(5)(E)(ii)	Treated with dust-suppressant chemicals (as described in the application of aqueous detergents, surfactants, and other cleaning solutions in the de minimis list).	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
(5)(E)(iii)	Covered with a material such as, (but not limited to), roofing shingles or tire chips and used in combination with (i) or (ii) above.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
(5)(E)(iv)	Paved with a cohesive hard surface that is maintained intact and cleaned.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
(5)(F)	Will dust emissions from all stockpiles be minimized at all times by sprinkling with water, dust-suppressant chemicals, or covered?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
(5)(G)	Will all material spills be immediately cleaned up and contained or dampened so dust emissions are minimized?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
(5)(H)	Will visible emissions leave the property for more than 30 seconds in duration in any six-minute period during normal plant operations as determined using EPA Test Method 22?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
	Will quarterly visible emission observations be performed and recorded in accordance with Section (3)(J) of this standard permit?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
	If visible emissions exceed Test Method 22 criteria, will immediate corrective action be taken and documented?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
(5)(I)	Will the concrete batch plant be located at least 550 feet from any crushing plant or hot mix asphalt plant?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
	If no, will the concrete batch plant operate at the same time as the crushing plant or hot mix asphalt plant?	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A



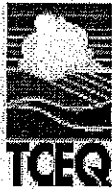
# Air Quality Standard Permit for Concrete Batch Plants Registration Checklist

<b>(5)</b>	<b>General Requirement (continued)</b>	
<b>(5)(J)</b>	Are multiple concrete batch plants being operated on the same site?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
	Will site production limits be maintained per Sections (8), (9), or (10)?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
<b>(5)(K)</b>	Will any concrete additives emit volatile organic compounds (VOC)?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
<b>(6)</b>	<b>Engines</b>	
<b>(6)(A)</b>	Will the horsepower (or combined horsepower) of the stationary compression ignition internal combustion engine(s) exceed 1,000 horsepower?	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A
<b>(6)(C)</b>	Will the engine exhaust stack be a minimum of eight feet tall?	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A
<b>(6)(D)</b>	Will fuel for the engine be liquid fuel with a maximum sulfur content of no more than 0.0015 percent by weight and not consist of a blend containing waste oils or solvents?	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A
<b>(7)</b>	<b>Planned Maintenance, Startup, and Shutdown (MSS) Activities</b>	
	Will planned maintenance activities receive separate authorization or meet the conditions of 30 TAC § 116.119, De Minimis Facilities or Sources?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
<b>(8)</b>	<b>Additional Requirements for Temporary Concrete Batch Plants</b>	
<b>(8)(A)</b>	Will the site production rate be limited to 300 cubic yards in any one hour (cy/hr) not to exceed 6,000 cubic yards per day?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
<b>(8)(B)</b>	Will the suction shroud be vented to a fabric or cartridge filter system with a minimum of 5,000 actual cubic feet per minute (acfm)?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
<b>(8)(C)</b>	Will the truck drop point be sheltered by an intact three-sided curtain or equivalent dust control technology that extends below the mixer truck-receiving funnel?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
<b>(8)(D)(i)</b>	Will the suction shroud baghouse exhaust be located at least 100 feet from any property line?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
<p><i>Note: For concrete batch plants that supply concrete for a single public works project, the property line measurements for purposes of compliance with this standard permit shall be made to the outer boundaries of the designated public property, roadway project and associated rights-of-way.</i></p>		
<b>(8)(D)(ii)</b>	Will all 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) be located or operated at least 50 feet from any property line?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A



## Air Quality Standard Permit for Concrete Batch Plants Registration Checklist

(8)	Additional Requirements for Temporary Concrete Batch Plants <i>(continued)</i>	
(8)(E)(i)	In lieu of meeting the distance requirements in (8)(D) (ii), will the roads and other traffic areas within the buffer distance be bordered by dust suppressing fencing or other barriers along all traffic routes or work areas?	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A
(8)(E)(ii)	Will these borders be constructed to a height of at least 12 feet?	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A
(8)(E)(iii)	Will stockpiles be contained within a three-walled bunker that extends at least two feet above the top of the stockpile?	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A
(8)(F)(i)	Is a registered portable facility moving to a site for support of a public works project in which the proposed site is located in or contiguous to the right-of-way of the public works project?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
(8)(F)(ii)	Is a registered portable facility moving to a site in which a portable facility was located at the site at any time during the previous two years and was the site subject to public notice?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
(8)(G)	If (8)(F) conditions are met, forward the required information to the appropriate regional office for final decision.	
(9)	Additional Requirements for Permanent Concrete Batch Plants	
(9)(A)	Will the site production rate be limited to no more than 300 cubic yards in any one hour, not to exceed 6,000 cubic yards per day?	<input type="checkbox"/> YES <input type="checkbox"/> NO
(9)(B)	Will the suction shroud or other pickup device be installed at the batch drop point (drum feed for central mix plants)?	<input type="checkbox"/> YES <input type="checkbox"/> NO
	Will the suction shroud or other pickup device be vented to a fabric or cartridge filter system with a minimum of 5,000 acfm?	<input type="checkbox"/> YES <input type="checkbox"/> NO
(9)(C)	Will the truck drop point be sheltered by an intact three-sided curtain or equivalent dust control technology that extends below the mixer truck-receiving funnel?	<input type="checkbox"/> YES <input type="checkbox"/> NO
(9)(D)(i)	Will the suction shroud baghouse exhaust be located at least 100 feet from any property line?	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
(9)(D)(ii)	Will all 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) be located or operated at least 50 feet from any property line?	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
(9)(E)(i)	In lieu of meeting the distance requirements in (9)(D)(ii), will the roads and other traffic areas within the buffer distance be bordered by dust suppressing fencing or other barriers along all traffic routes or work areas?	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A



## Air Quality Standard Permit for Concrete Batch Plants Registration Checklist

(9) Additional Requirements for Permanent Concrete Batch Plants <i>(continued)</i>		
(9)(E)(ii)	Will these borders be constructed to a height of at least 12 feet?	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
(9)(E)(iii)	Will stockpiles be contained within a three-walled bunker that extends at least two feet above the top of the stockpile?	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
(9)(F)	Will 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) be paved with a cohesive hard surface that can be maintained intact and cleaned?	<input type="checkbox"/> YES <input type="checkbox"/> NO
	Will all batch trucks and material delivery trucks remain on the paved surface when entering, conducting primary function, and leaving the property?	<input type="checkbox"/> YES <input type="checkbox"/> NO
	Will all other traffic areas, except entry and exit roads and main traffic routes, be maintained using the control requirements of subsection (5)(E) of this standard permit.	<input type="checkbox"/> YES <input type="checkbox"/> NO
(10) Additional Requirements for Specialty Concrete Batch Plants		
(10)(A)	Will the site production rate be limited to no more than 30 cubic yards per hour?	<input type="checkbox"/> YES <input type="checkbox"/> NO
(10)(B)	As an alternative to the requirement in subsection (5)(A) of this standard permit, will the cement/fly ash weigh hopper be vented inside the batch mixer?	<input type="checkbox"/> YES <input type="checkbox"/> NO
(10)(C)(i)	Will the dust emissions at the batch mixer be controlled using a suction shroud or other pickup device delivering air to a fabric or cartridge filter?	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
(10)(C)(ii)	Will the dust emissions at the batch mixer be controlled using an enclosed batch mixer feed?	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
(10)(C)(iii)	Will the dust emissions at the batch mixer be controlled by conducting the entire mixing operation inside an enclosed process building?	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
(10)(D)	Will all vehicles used for the operation of the concrete batch plant (except for incidental traffic and the entrance and exit to the site) be located or operated at least 25 feet from any property line?	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
(10)(E)(i)	In lieu of meeting the distance requirements in (10)(D), will the roads and other traffic areas within the buffer distance be bordered by dust suppressing fencing or other barriers along all traffic routes or work areas?	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
(10)(E)(ii)	Will these borders be constructed to a height of at least 12 feet?	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A

**Reset Form**

T-NET

Resources for TCEQ Employees

Main Query Page Program Area Search

Regulated Entity Detail					
Regulated Entity Name:	SCC PORTABLE CBP 1			RN:	RN107233272
Status:	Active	Status Comment:		Stand Alone:	Y
Physical Address:	5001 GASMER DR HOUSTON, TX 77035-5711			County:	HARRIS
Physical Location:	5001 GASMER DR				
Nearest City:	HOUSTON	State:	TX	Zip Code:	77035
Latitude:	29° 38' min 56 sec (29.648888)		Longitude:	95° 28' min 2 sec (-95.467222)	

1-1 of 1 Records

Affiliated Customers					List All
CN Number	Customer	Role	Begin Date	End Date	RE Comp Hist
CN603079401	SOUTHERN CRUSHED CONCRETE LLC	OWNER OPERATOR	04/25/2014	12/31/3000	N/A

1-1 of 1 Records

Program Interests								
Program	RE Type	ID Type	Addn ID	Addn ID Status	Alt RE Name	Role	Customer Name (CN)	Begin Date - End Date
AIR NEW SOURCE PERMITS	PORTABLE	REGISTRATION	119443L001	PENDING	SCC PORTABLE CBP 1	OWNER OPERATOR	SOUTHERN CRUSHED CONCRETE LLC (CN603079401)	04/25/2014 - 12/31/3000

For questions or comments regarding this T-Net page contact: [Central Registry](#)  
 This site was last modified: August 27, 2010



# INET

Resources for TCEQ Employees

Main Query Page | Program Area Search

<b>Customer Detail</b>			<b>No Prior Names</b>	
<b>Customer Name:</b>	<b>SOUTHERN CRUSHED CONCRETE LLC</b>		<b>CN:</b>	<b>CN603079401</b>
<b>Customer Legal Name:</b>	<b>Southern Crushed Concrete, LLC</b>		<b>Customer Type:</b>	<b>CORPORATION</b>
<b>Customer Status:</b>	<b>ACTIVE</b>	<b>Status Comment:</b>		
<b>Federal Tax Id:</b>	<b>760414009</b>		<b>State Franchise Tax Id:</b>	<b>17604140099</b>
<b>DUNS Number:</b>			<b>SOS Filing No:</b>	<b>800591572</b>
<b>Compliance Class:</b>	<b>SATISFACTORY</b>	<b>Compliance Rating:</b>	<b>6.44</b>	<b>Publication Date:</b> <b>Dec 18, 2013</b>
<b>Independently Owned:</b>			<b>Number Employees:</b>	<b>0-20</b>

1-42 of 42 Records

Affiliated Regulated Entities		List All
RN Number	Regulated Entity Name	Role
RN105954457	230 FLATO SITE	OWNER OPERATOR
RN106383128	36 INCH CONE CRUSHER SIMONS	OWNER OPERATOR
RN105147862	EAST ALMEDA FACILITY	OPERATOR
RN106011811	HPP	OPERATOR
RN105204663	LIBERTY RD PUGMILL	OWNER OPERATOR
RN102643939	LIBERTY YARD	OPERATOR
RN101826964	LOCKWOOD TRANSPORTATION	OPERATOR
RN105681530	PORTABLE ASPHALT PLANT NO 2	OWNER OPERATOR
RN100889492	PORTABLE CRUSHER ACCOUNT 90 8969 L	OWNER OPERATOR
RN102765260	PORTABLE CRUSHER ACCOUNT 90 9464 N	OWNER OPERATOR
RN101089001	PORTABLE CRUSHER ACCOUNT 90 9733 J	OWNER OPERATOR
RN100904638	PORTABLE CRUSHER ACCOUNT 94 0072 H	OWNER OPERATOR
RN102764479	PORTABLE CRUSHER ACCOUNT 95 1583 F	OWNER OPERATOR
RN106245046	PORTABLE MCCLOSKEY CRUSHER SN70741	OWNER OPERATOR
RN105204879	QM PUGMILL	OWNER OPERATOR
RN106223977	QUALITY MATERIALS	OPERATOR
RN103939443	QUALITY MATERIALS 243 PLANT	OWNER OPERATOR
RN105085467	ROCK CRUSHER 5	OWNER OPERATOR
RN106520083	ROCK CRUSHING PLANT 6	OWNER OPERATOR
RN106113574	SCC GENOA RED BLUFF RECYCLING	OWNER OPERATOR
RN104883467	SCG PLANT NO 6	OWNER OPERATOR
RN107233272	SCG PORTABLE CBP 1	OWNER OPERATOR
RN104808058	SOIL STABILIZATION PLANT 1	OWNER OPERATOR
RN104359930	SOIL STABILIZATION PLANT 2	OWNER OPERATOR
RN101856355	SOUTH MAIN CONCRETE PLANT	OPERATOR
RN104992698	SOUTHERN CRUSHED CONCRETE	OWNER OPERATOR
RN102742954	SOUTHERN CRUSHED CONCRETE	OWNER OPERATOR

RN103949574	SOUTHERN CRUSHED CONCRETE	OPERATOR
RN106620025	SOUTHERN CRUSHED CONCRETE	OPERATOR
RN106222383	SOUTHERN CRUSHED CONCRETE	OWNER OPERATOR
RN100905371	SOUTHERN CRUSHED CONCRETE	OWNER OPERATOR
RN102913233	SOUTHERN CRUSHED CONCRETE	OPERATOR
RN103949582	SOUTHERN CRUSHED CONCRETE	OPERATOR
RN103949557	SOUTHERN CRUSHED CONCRETE	OPERATOR
RN102674203	SOUTHERN CRUSHED CONCRETE	OPERATOR
RN103728242	SOUTHERN CRUSHED CONCRETE	OPERATOR
RN105392484	SOUTHERN CRUSHED CONCRETE 1488 PLANT	OPERATOR
RN104724505	SOUTHERN CRUSHED CONCRETE CONROE FACILITY	OPERATOR
RN106274624	SOUTHERN CRUSHED CONCRETE LLC	OPERATOR
RN102711173	SOUTHERN CRUSHED CONCRETE PLANT 8	OWNER OPERATOR
RN106729221	SOUTHERN CRUSHED CONCRETE YELSMITH 3258	OWNER OPERATOR
RN104687365	TEXAS STERLING ROCK CRUSHER	OWNER OPERATOR

For questions or comments regarding this T-Net page contact: Central Registry  
This site was last modified: August 27, 2010

## Hope Chase

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**From:** Hope Chase  
**Sent:** Thursday, May 01, 2014 2:28 PM  
**To:** OCC-NSR; R6AirPermits@EPA.gov  
**Cc:** R12APDMail; isaac.desouza@houstontx.gov; arturo.blanco@houstontx.gov; air\_permits@hcphe.org; Monique Wells  
**Subject:** Concrete Batch Plant Standard Permit Application, Southern Crushed Concrete, LLC, 119443L001, 209720  
**Attachments:** 119443L001.docx; 119443L001-Spanish Sign.docx

Please see Public Notice attached.

## Hope Chase

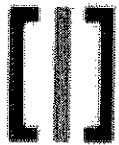
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**From:** Monique Wells <monique@cicenvironmental.com>  
**Sent:** Monday, April 28, 2014 4:32 PM  
**To:** Hope Chase  
**Subject:** Re: TCEQ Public Notice Draft-119443L001

Hi Hope,

The draft language is approved. There will be alternative language required – Spanish. Please email me an electronic copy of the final public notice package.

Thanks for all your help,  
Monique



**CIC Environmental**

O: 512-292-4314  
C: 512-922-2850  
F: 512-410-3010  
P.O. Box 151000  
Austin, TX 78715-1000

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**From:** Hope Chase <[Hope.Chase@tceq.texas.gov](mailto:Hope.Chase@tceq.texas.gov)>  
**Date:** Mon, 28 Apr 2014 20:34:23 +0000  
**To:** Monique Wells <[monique@cicenvironmental.com](mailto:monique@cicenvironmental.com)>  
**Subject:** TCEQ Public Notice Draft-119443L001

Attached is:

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

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



The voucher status has been updated.

**Transaction Information**

**Voucher Number:** 207229  
**Trace Number:** 582EA000165541  
**Date:** 04/23/2014 09:01 AM  
**Payment Method:** CC - Authorization 000003815G  
**Amount:** \$900.00  
**Fee Code:** APF  
**Fee Type:** AIR PERMIT - NEW  
**ePay Actor:** MONIQUE WELLS  
**Actor Email:** MONIQUE@CICENVIRONMENTAL.COM  
**IP:** 99.11.249.219

**Payment Contact Information**

**Name:** MONIQUE WELLS  
**Company:** CIC ENVIRONMENTAL LLC  
**Address:** 3729 WHITT LOOP, AUSTIN, TX 78749  
**Phone:** 512-292-4314

**Site Information**

**Site Name:** SCC PORTABLE CBP-01  
**Site Location:** 5001 GASMER DRIVE - HOUSTON

**Customer Information**

**CN:** CN603079401  
**Customer Name:** SOUTHERN CRUSHED CONCRETE

**Other Information**

**Comments:** Application fee for CBP Standard permit

**USAS Status**

**USAS Status:**  
**USAS Date:**

**Voucher Status**

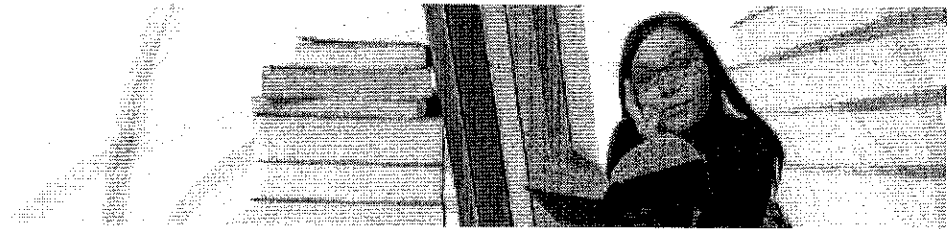
Status	Staff	Comment	Start	End
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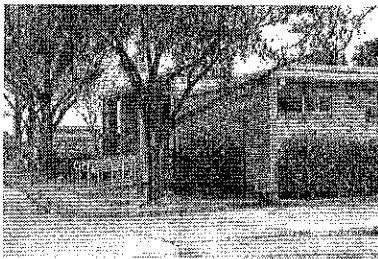
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## Meyer Neighborhood Library

5005 West Bellfort  
Houston, Texas 77035  
832-393-1840

LIBRARY DETAILS |

LIBRARY INFORMATION |

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531Ylibrary hours  
M Closed | T 10-6 | W 10-6 | Th  
12-8 | F 1-5 | Sa 10-5 | Su Closed

room capacity

## Upcoming Events:

No Events Currently Scheduled



## Who Represents Me? Districts By Address

U.S. Senators|U.S. Representatives|State Senators|State Representatives|SBOE

5001 Gasmer Dr  
Houston, TX  
77035-5711  
Harris

### Texas U.S. Senators

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

### Texas U.S. Representative

Congressional District 9--  
Congressman Al Green  
Texas Congressional Member Websites

### Texas State Senator

Texas State Senate District 13--  
Senator Rodney Ellis  
Capitol Office: CAP 3E.6  
Capitol Phone: (512) 463-0113  
Capitol Address: P.O. Box 12068,  
Capitol Station  
Austin, TX 78711  
District Address: 440 Louisiana, Suite  
575  
Houston TX 77002  
Phone: (713) 236-0306  
State District Offices

### Texas State Representative

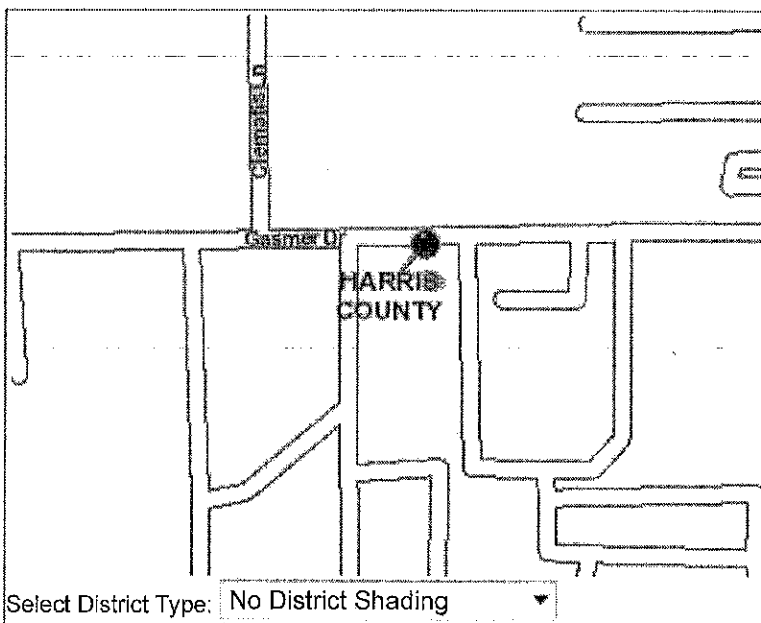
Texas State House District 146--  
Representative Borris L. Miles  
Capitol Office: EXT E2.718  
Capitol Phone: (512) 463-0518  
Capitol Address: P.O. Box 2910  
Austin, TX 78768  
District Address: 2656 S. Loop West,,  
Suite 265  
Houston TX 77054

### Texas State House District for the 2014 Elections

Texas State House District 146

### Texas State Board of Education Member

Texas State SBOE District 4--Mr.  
Lawrence A. Allen, Jr.  
State Board of Education Member  
Websites



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# Ed Emmett

## COUNTY JUDGE

### BIOGRAPHY

#### *Edward M. Emmett* Harris County Judge

Edward M. Emmett became Harris County Judge on March 6, 2007.

A member of the Texas House of Representatives from 1979 to 1987, Judge Emmett was chairman of the Committee on Energy, a member of the Transportation Committee, and represented the state on numerous national committees relating to energy and transportation policy.

In 1989, President George H. W. Bush nominated Emmett as a Commissioner at the Interstate Commerce Commission. After being confirmed unanimously by the United States Senate, Judge Emmett served on the commission for three years.

Prior to becoming county judge, he received international recognition for his work in transportation and logistics policy. Among his many other activities, Judge Emmett is director of Harris County's Office of Homeland Security and Emergency Management, chairman of the HGAC Transportation Policy Council and chairman of the Harris County Juvenile Board.

Judge Emmett attended Bellaire High School. He graduated from Rice University in 1971 with a Bachelor of Arts degree in Economics and from the University of Texas at Austin in 1974 with a Master of Public Affairs degree.

Judge Emmett and his wife, Gwen, have been married for 38 years and have four children and 10 grandchildren.



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1001 Preston, Suite 911, Houston, Texas 77002  
Phone: 713-755-4000 Fax: 713-755-8379

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## Mayor's Office



Mayor Annise D. Parker serves as the Executive Officer of the City. As the City's chief administrator and official representative, the Mayor is responsible for the general management of the City and for seeing that all laws and ordinances are enforced. Administrative duties include the appointments, with Council approval, of department heads and persons serving on advisory boards.

As Executive Officer, the Mayor administers oaths and signs all motions, resolutions and ordinances passed by City Council. The Mayor also serves a legislative function, presiding over City Council with voting privileges. The Mayor is responsible for advising Council of the City's financial condition and presents to Council an annual budget for approval.

## Contact The Mayor

**Mayor Annise D. Parker**  
City of Houston  
P.O. Box 1562 Houston, TX 77251  
Phone: 3-1-1, or 713.837.0311  
Email: [mayor@houstontx.gov](mailto:mayor@houstontx.gov) or [scheduling@houstontx.gov](mailto:scheduling@houstontx.gov)



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## Fiscal Responsibility Web Page

My number one priority as your mayor is fiscal responsibility. Achieving this during a tight economy requires a willingness to make tough decisions.

When I arrived in the mayor's office, the city was facing a \$205 million gap between anticipated spending and available revenues. The economy had pushed down our revenue pool while expenditures were rising due to contractual obligations for health insurance, pensions and employee pay agreed to prior to my arrival. Through a combination of operational consolidations, expenditure reductions, personnel cutbacks, sales of surplus land, cost of service increases and employee furloughs, we have been able to close that gap.

This webpage will provide a detailed look at the tough decisions we've been making, and will continue to make, as we work to institutionalize this new approach to financial management.

More

## Mayor's Executive Staff



Janice Evans, Chief Policy Officer; Darlan Ward, Press Secretary; Christopher Newport, Chief of Staff; Kelly Dowe, Chief Business Officer; Harry Hayes, Chief Operating Officer; Veronica Weatherspoon, Director of Correspondence & Constituent Services; Kippy Caraway, Deputy Chief of Staff; James Koski, Deputy Chief of Staff; Andy Icken, Chief Development Officer; Marta Crinejo, Agenda Director; William Paul Thomas, Council Liaison; Keith Wade, Senior Assistant to the Mayor; Jenn Char, Director of Boards and Commissions; Dave Feldman, City Attorney; Brenda Murphy, Mayor's Executive Assistant; Mayor Parker

[Click the photo above to see a full-sized version.](#)

[Go to Mayor's Division Directors Photo Gallery](#)

More

## 2014 State of the City Speech

**Mayor Annise D. Parker**  
**April 3, 2014**

Good afternoon. You know I can't start without saying how much I love this city! I know you love it, too. Together we are building a bright future for Houston.

Obviously, it is easier to stand before you this year than it was four years ago. We have come so far from that first tough term in office when Houston and the rest of the nation were in the midst of the economic downturn. 2010 seems like a lifetime ago, and yet just yesterday. So much has been accomplished. Each day we strive to be the best Houston we can be. Our rankings prove this again this year. We are one of the best cities in which to find a job. We are the "Most Walkable City" among the state's largest cities. We are a top city for global trade. We have the "Best Domestic Airport." One ranking even has us as the "Best City in America" ...

More

## 2014 Inauguration Speech

**Mayor Annise D. Parker**  
**January 2, 2014**

Thank you for trusting me to continue in what I believe is the best job in America. To serve you is my greatest honor. I remain excited to go to work each and every day.

I congratulate our City Controller and our City Council Members. I know personally the duties they have assumed today, and I salute their service. Each one of us worked diligently, passionately, (some over a period of years) to achieve these positions. We recognize the sacred trust we have assumed. Whatever our differences in philosophy, in personality, in opinions, we will endeavor to reward your faith in us ...

## About Mayor Parker



TCEQ Use Only

# TCEQ Core Data Form

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

## SECTION I: General Information

1. Reason for Submission (If other is checked please describe in space provided)		
<input checked="" type="checkbox"/> New Permit, Registration or Authorization (Core Data Form should be submitted with the program application)		
<input type="checkbox"/> Renewal (Core Data Form should be submitted with the renewal form)	<input type="checkbox"/> Other	
2. Attachments Describe Any Attachments: (ex. Title V Application, Waste Transporter Application, etc.)		
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No PI-7 form and supporting documents		
3. Customer Reference Number (if issued)	Follow this link to search for CN or RN numbers in Central Registry**	4. Regulated Entity Reference Number (if issued)
CN 603079401		RN 0

## SECTION II: Customer Information

5. Effective Date for Customer Information Updates (mm/dd/yyyy)		2/14/2014	
6. Customer Role (Proposed or Actual) – as it relates to the Regulated Entity listed on this form. Please check only one of the following:			
<input type="checkbox"/> Owner	<input type="checkbox"/> Operator	<input checked="" type="checkbox"/> Owner & Operator	
<input type="checkbox"/> Occupational Licensee	<input type="checkbox"/> Responsible Party	<input type="checkbox"/> Voluntary Cleanup Applicant	<input type="checkbox"/> Other:
7. General Customer Information			
<input type="checkbox"/> New Customer		<input type="checkbox"/> Update to Customer Information	<input type="checkbox"/> Change in Regulated Entity Ownership
<input type="checkbox"/> Change in Legal Name (Verifiable with the Texas Secretary of State)		<input checked="" type="checkbox"/> No Change**	
**If "No Change" and Section I is complete, skip to Section III – Regulated Entity Information.			
8. Type of Customer:			
<input checked="" type="checkbox"/> Corporation	<input type="checkbox"/> Individual	<input type="checkbox"/> Sole Proprietorship- D.B.A	
<input type="checkbox"/> City Government	<input type="checkbox"/> County Government	<input type="checkbox"/> Federal Government	
<input type="checkbox"/> State Government	<input type="checkbox"/> General Partnership	<input type="checkbox"/> Limited Partnership	
<input type="checkbox"/> Other Government	<input type="checkbox"/> Other:		
9. Customer Legal Name (If an individual, print last name first: ex: Doe, John)		If new Customer, enter previous Customer below	
Southern Crushed Concrete, LLC		End Date:	
10. Mailing Address:			
9303 New Trails Drive, Suite 200			
City	The Woodlands	State	TX
ZIP	77381	ZIP + 4	
11. Country Mailing Information (if outside USA)		12. E-Mail Address (if applicable)	
		jmiller@sccctx.com	
13. Telephone Number		14. Extension or Code	
( 281 ) 987-8787			
15. Fax Number (if applicable)			
( 281 ) 987-8791			
16. Federal Tax ID (9 digits)		17. TX State Franchise Tax ID (11 digits)	
		17604140099	
18. DUNS Number (if applicable)		19. TX SOS Filing Number (if applicable)	
20. Number of Employees		21. Independently Owned and Operated?	
<input type="checkbox"/> 0-20 <input type="checkbox"/> 21-100 <input checked="" type="checkbox"/> 101-250 <input type="checkbox"/> 251-500 <input type="checkbox"/> 501 and higher		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	

## SECTION III: Regulated Entity Information

22. General Regulated Entity Information (If "New Regulated Entity" is selected below this form should be accompanied by a permit application)			
<input type="checkbox"/> New Regulated Entity	<input type="checkbox"/> Update to Regulated Entity Name	<input type="checkbox"/> Update to Regulated Entity Information	<input checked="" type="checkbox"/> No Change** (See below)
**If "NO CHANGE" is checked and Section I is complete, skip to Section IV, Preparer Information.			
23. Regulated Entity Name (name of the site where the regulated action is taking place)			
SCC PORTABLE CBP-01			

24. Street Address of the Regulated Entity: (No P.O. Boxes)	5001 Gasmer						
	City	Houston	State	TX	ZIP	77035	ZIP + 4
25. Mailing Address:	9303 New Trails Drive, Suite 200						
	City	The Woodlands	State	TX	ZIP	77381	ZIP + 4
26. E-Mail Address:	jmillier@scctx.com						
27. Telephone Number	28. Extension or Code		29. Fax Number (if applicable)				
( 281 ) 987-8787			( 281 ) 987-8791				
30. Primary SIC Code (4 digits)	31. Secondary SIC Code (4 digits)	32. Primary NAICS Code (5 or 6 digits)		33. Secondary NAICS Code (5 or 6 digits)			
1422		212312					
34. What is the Primary Business of this entity? (Please do not repeat the SIC or NAICS description.)							
Crushing of concrete and aggregate material							

Questions 34 – 37 address geographic location. Please refer to the instructions for applicability.

35. Description to Physical Location:					
36. Nearest City	County	State	Nearest ZIP Code		
Houston	Harris	TX	77035		
37. Latitude (N) In Decimal:	38. Longitude (W) In Decimal:				
Degrees	Minutes	Seconds	Degrees	Minutes	Seconds
29	38	55.99	95	28	01.92

39. TCEQ Programs and ID Numbers Check all Programs and write in the permits/registration numbers that will be affected by the updates submitted on this form or the updates may not be made. If your Program is not listed, check other and write it in. See the Core Data Form Instructions for additional guidance.

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

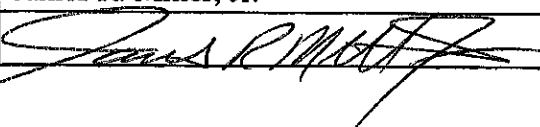
#### SECTION IV: Preparer Information

40. Name:	Monique Wells, CIC Environmental, LLC	41. Title:	Environmental Consultant
42. Telephone Number	43. Ext./Code	44. Fax Number	45. E-Mail Address
( 512 ) 292-4314		( 512 ) 410-3010	monique@cicenvironmental.com

#### SECTION V: Authorized Signature

46. By my signature below, I certify, to the best of my knowledge, that the information provided in this form is true and complete, and that I have signature authority to submit this form on behalf of the entity specified in Section II, Field 9 and/or as required for the updates to the ID numbers identified in field 39.

(See the Core Data Form instructions for more information on who should sign this form.)

Company:	Southern Crushed Concrete, LLC	Job Title:	Manager
Name (In Print):	James R. Miller, Jr.	Phone:	( 281 ) 987-8787
Signature:		Date:	4/17/2014



Print this voucher for your records. If you are sending the TCEQ hardcopy documents related to this payment, include a copy of this voucher.

**Transaction Information**

**Voucher Number:** 207229  
**Trace Number:** 582EA000165541  
**Date:** 04/23/2014 09:01 AM  
**Payment Method:** CC - Authorization 000003815G  
**Amount:** \$900.00  
**Fee Type:** Air Permit Fees  
**ePay Actor:** Monique Wells  
**Actor Email:** monique@cicenvironmental.com  
**IP:** 99.11.249.219



**Payment Contact Information**

**Name:** Monique Wells  
**Company:** Cic Environmental Llc  
**Address:** 3729 Whitt Loop, Austin, TX 78749  
**Phone:** 512-292-4314

**Site Information**

**Site Name:** SCC PORTABLE CBP-01  
**Site Location:** 5001 GASMER DRIVE - HOUSTON

**Customer Information**

**CN:** CN603079401  
**Customer Name:** SOUTHERN CRUSHED CONCRETE

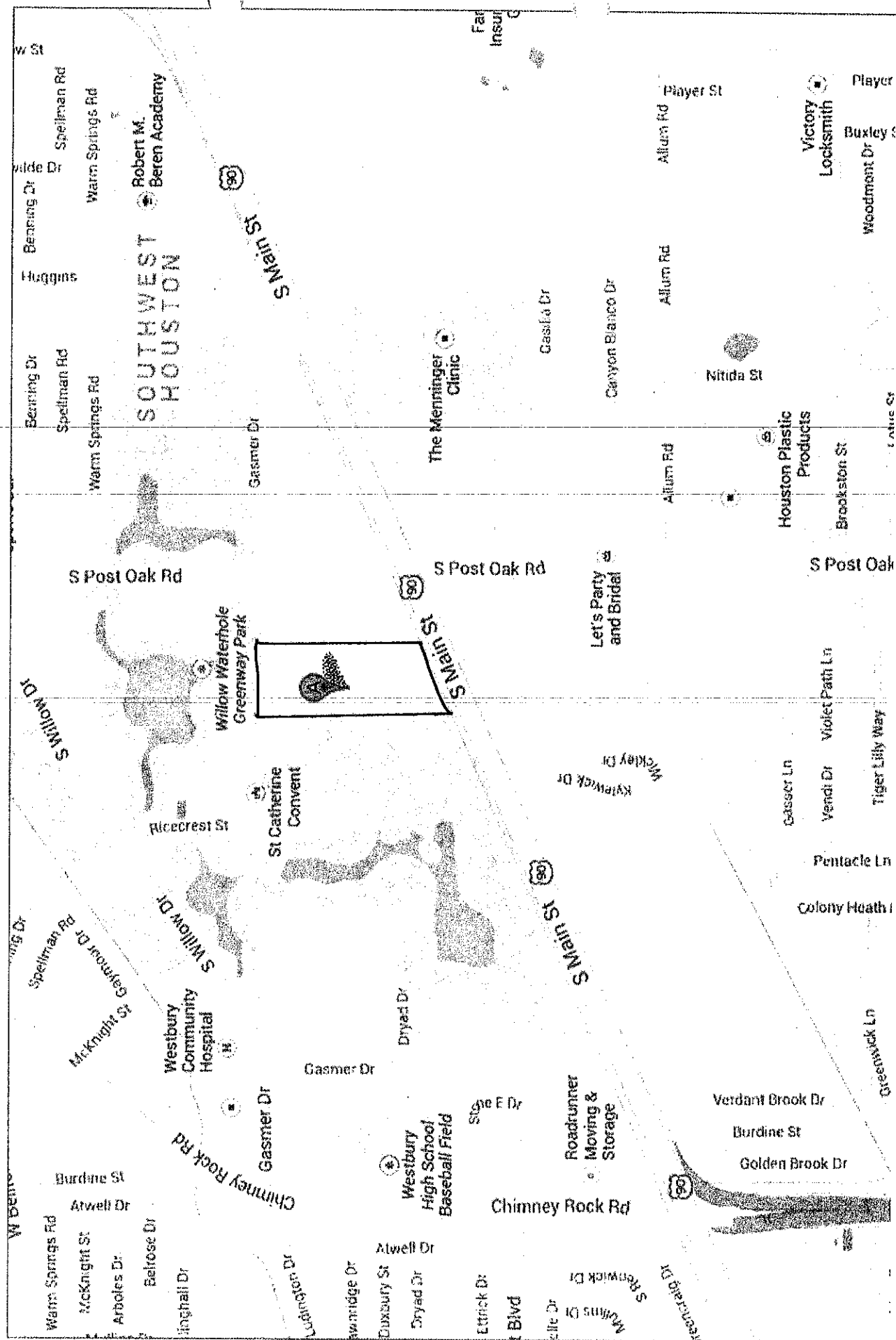
**Other Information**

**Comments:** Application fee for CBP Standard permit

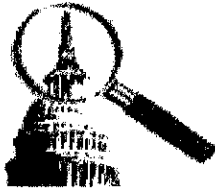
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To see all the details that are visible on the screen, use the "Print" link next to the map.







## Who Represents Me? **Districts By City**

5001 Gasmer Dr  
Houston, TX  
77035-5711  
Harris County

### **Texas State Senator**

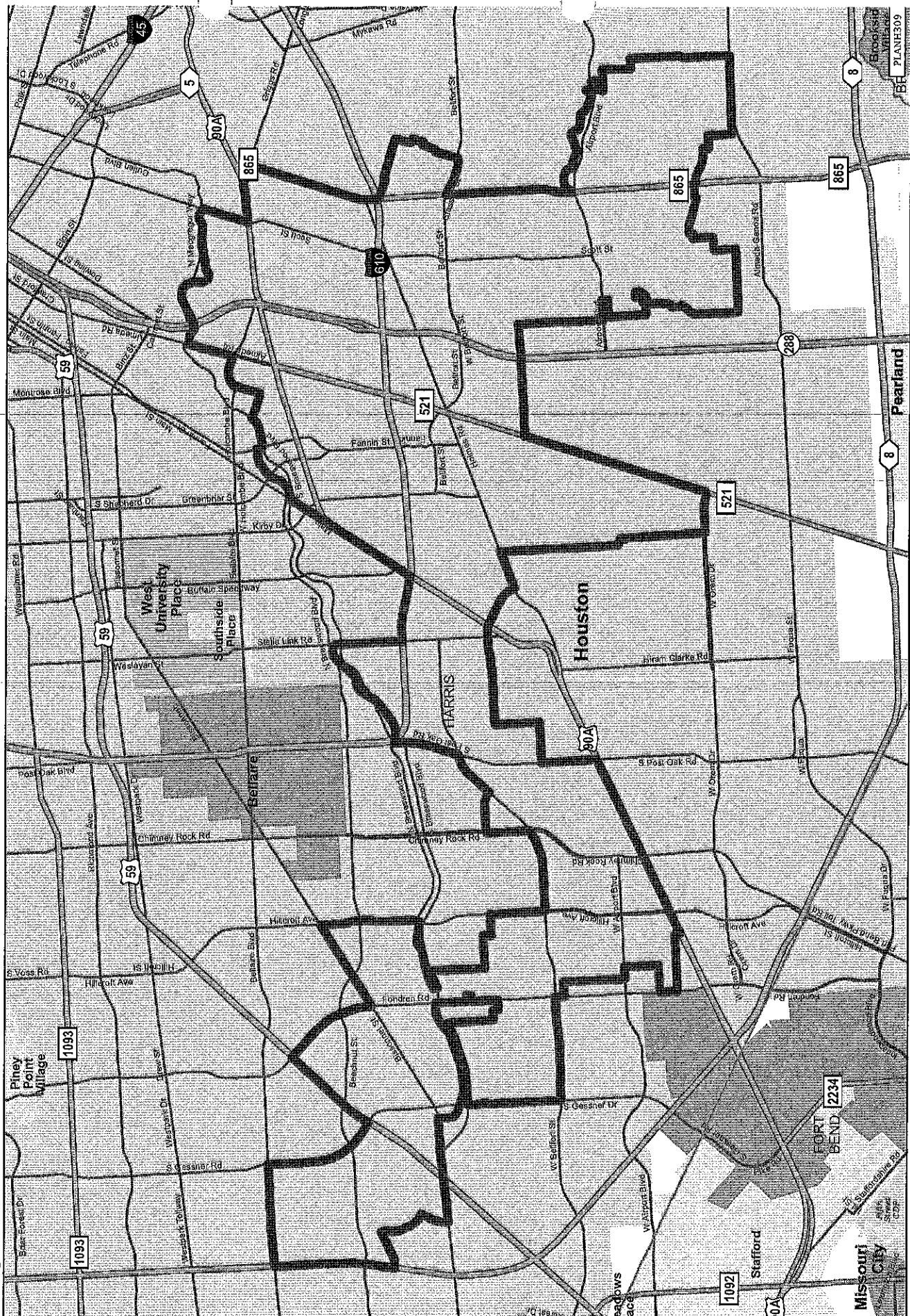
Texas State Senate District 13--Senator Rodney Ellis  
Capitol Office: CAP 3E.6  
Capitol Phone: (512) 463-0113  
Capitol Address: P.O. Box 12068, Capitol Station  
Austin, TX 78711  
District Address: 440 Louisiana, Suite 575  
Houston TX 77002  
Phone: (713) 236-0306

### **Texas State Representative**

Texas State House District 131--Representative Alma A. Allen  
Capitol Office: EXT E1.506  
Capitol Phone: (512) 463-0744  
Capitol Address: P.O. Box 2910  
Austin, TX 78768  
District Address: 10101 Fondren Road,, Suite 500  
Houston TX 77096  
Phone: (713) 776-0505



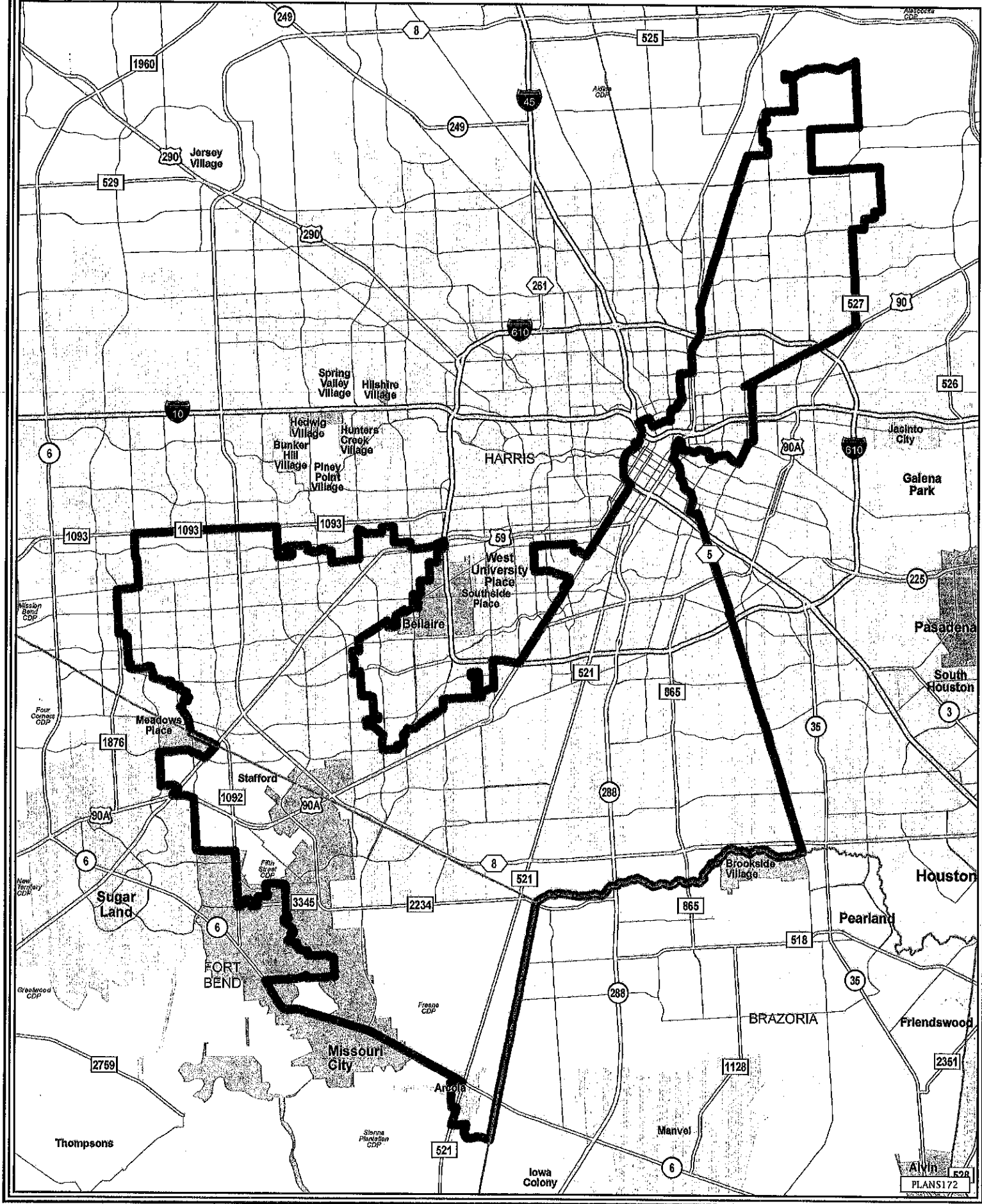
## Texas Legislature





Texas Legislature

# SENATE DISTRICT 13

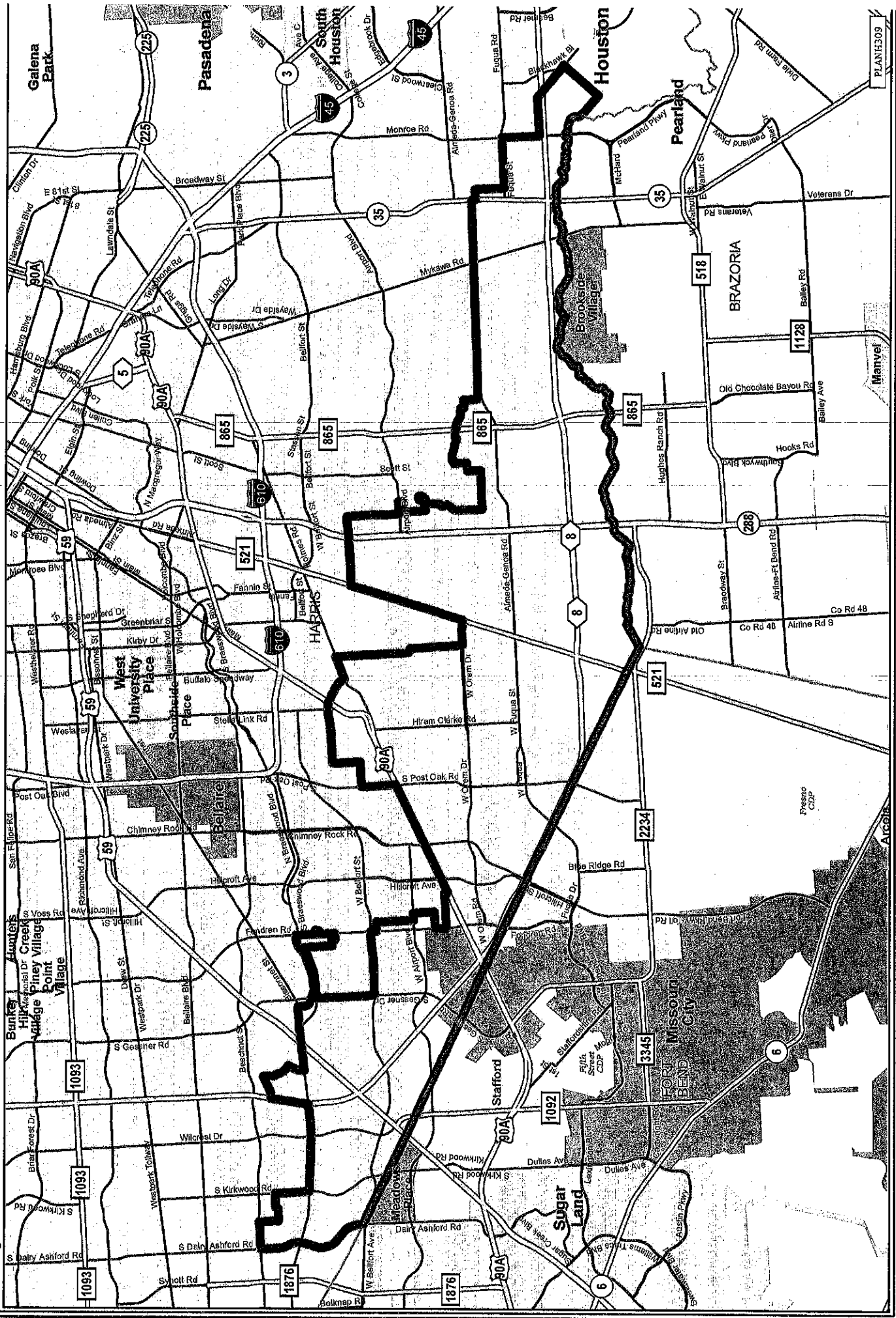




# HOUSE DISTRICT 131



Texas Legislature



PLANH309

## **Southern Crushed Concrete, LLC Project / Process Description**

### **Site Description:**

This is an existing industrial site that has been used in the past for concrete batch plants and concrete crushing. Should a concrete crusher return to the site, then facility will remain 550 feet from the crusher or only operate one at a time. Currently there is a permitted portable pug mill operating at the site.

### **Facility Description:**

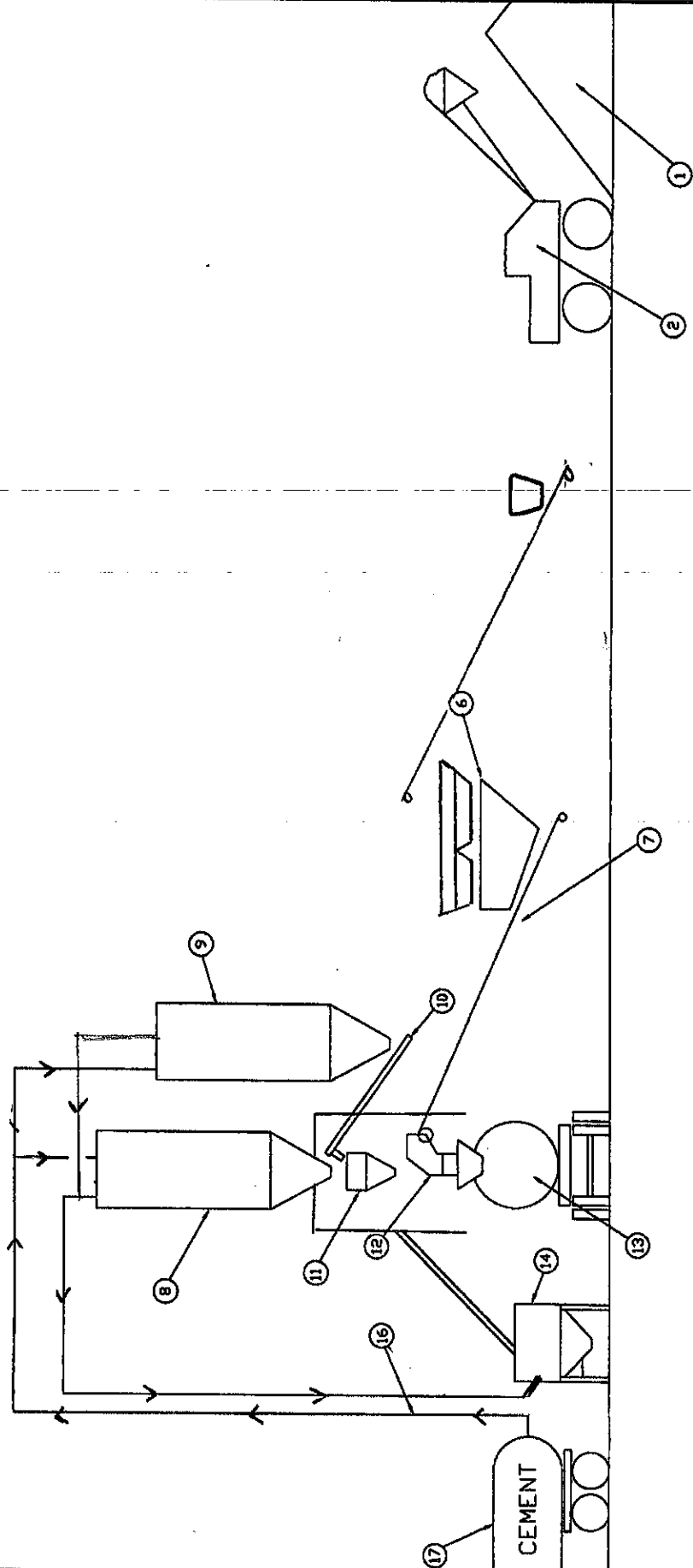
The facility will be line powered and will meet the distance requirements of 100 feet from the central baghouse to the nearest property line. In addition, the baghouse will meet the minimum requirement of 5,000 CFMs. Manufacturer's Baghouse specifications have been included in the application. The facility will remain on site for no more than 180 days.

### **Process Description:**

Washed sand and gravel will be received by truck and unloaded into stockpiles for storage. These incoming materials will be washed and wet, and therefore should not produce any emissions. The materials in the stockpiles will be loaded into the hopper by a front-end loader and conveyed to overhead storage bins.

Bulk cement and flyash will be received by tanker truck and will be pneumatically loaded through the fill pipeline into cement or flyash silos. The silos are equipped with dust collectors.

At the time of loading a mixer truck, the washed sand and gravel will be weighed and transported by conveyor belt to the loading point. The cement will be dropped in by gravity to the cement weigh hopper and the flyash will be transported to the weigh hopper by screw conveyor. Both materials will then be dropped through the loading point and into the mixer truck. The dust emissions at the loading point will be collected and vented to a central dust collection system. Admixtures will be used in the process and will not contain any VOCs.



- ① WASHED SAND & GRAVEL STOCKPILE
- ② FRONT END LOADER
- ③
- ④
- ⑤
- ⑥ AGGREGATE VEIGH BATCHER
- ⑦ SAND & GRAVEL CONVEYOR BELT B
- ⑧ CEMENT SILO
- ⑨ AUXILIARY CEMENT SILO

- ⑩ CEMENT SCREW FEEDER
- ⑪ CEMENT VEIGH BATCHER
- ⑫ TRUCK LOADING POINT
- ⑬ MIXER TRUCK
- ⑭ CENTRAL DUST COLLECTOR
- ⑮
- ⑯ CEMENT FILL PIPES
- ⑰ CEMENT TRUCK



DALLAS, TEXAS

SCALE: N.T.S.		DESIGNED BY: REYES
DATE: 11/7		REVISED
PLANT PROCESS FLOW DIAGRAM		
DRAWING NO.		P.FLOW

# CONCRETE BATCH PLANT - EMISSIONS CALCULATIONS

Company: Southern Crushed Concrete, LLC

Site: 5001 Gasmer Drive, Houston, TX

Hours of operation is: 12 hrs/day, 6 days/wk, 52 wks/yr (3744 hrs/yr)

## PLANT CAPACITY

HP, maximum hourly production (yd <sup>3</sup> /hr)	200
AP, maximum annual production rate (yd <sup>3</sup> /yr)	748800
AH, maximum annual operating hours (hr/yr)	3744

## VENT STYLE BAGHOUSE EMISSIONS FROM SILOS & WEIGH HOPPER (OUTLET GRAIN LOADING METHOD)

	Silo #1	Silo #2	Total
ACFM, actual air flow through the baghouse (ft <sup>3</sup> /min)*	0	0	
GL <sub>o</sub> , outlet grain loading of filter (gr/dscf)	0.01	0.01	
AH, maximum annual operating hours (hr/yr)	3744	3744	
E1 (lb PM10/hr)	0.00	0.00	0.00
E2 (lb PM2.5/hr)	0.00	0.00	0.00
E3 (ton PM10/yr)	0.00	0.00	0.00
E4 (ton PM2.5/yr)	0.00	0.00	0.00

Note: Silos are vented to the Central Baghouse.

Weigh hopper emissions are included in material handling.

**Table 3: VENT STYLE BAGHOUSE EMISSIONS FROM SILOS & WEIGH HOPPER  
(CONTROL DEVICE EFFICIENCY METHOD)**

**DO NOT USE - Emissions included in Table 5 for baghouses**

	Silos*	Weigh Hopper**
HP, maximum hourly production (yd <sup>3</sup> /hr)	0	0
AP, maximum annual production rate (yd <sup>3</sup> /yr)	748800	748800
CF, control factor - see Table A		
EF, emission factor (lb/yd <sup>3</sup> )	0.07	0.040
E <sub>3</sub> (lb PM <sub>10</sub> /hr)	0.00	0.00
E <sub>4</sub> (ton PM <sub>10</sub> /yr)	0.00	0.00

\* Use once regardless of number of silos

\*\*Determines emissions from weigh hopper usage. If hopper has its own baghouse, list separately on MAERT.  
If vented to silo, add to silo emissions.

**Table 4: TRUCK LOADING EMISSIONS**

**DO NOT USE - USE TABLE 5 INSTEAD (CENTRAL BAGHOUSE)**

HP, maximum hourly production (yd <sup>3</sup> /hr)	0
AP, maximum annual production rate (yd <sup>3</sup> /yr)	748800
CF, control factor - see Table A	
EF, emission factor (lb/yd <sup>3</sup> )	0.04
E <sub>5</sub> (lb PM <sub>10</sub> /hr)	0.00
E <sub>6</sub> (ton PM <sub>10</sub> /yr)	0.00

### CENTRAL BAGHOUSE CALCULATIONS

ACFM, actual air flow through the baghouse (ft <sup>3</sup> /min)	6500
GL <sub>o</sub> , outlet grain loading of filter (gr/dscf)	0.01
AH, maximum annual operating hours (hr/yr)	3744
E5 (lb PM10/hr)	0.56
E6 (lb PM2.5/hr)	0.28
E7 (lb PM10/yr)	1.04
E8 (ton PM2.5/yr)	0.52

### BATCH & CONTINUOUS DROP POINTS

Description	Control Method
Drop #1 - Truck unload to stockpiles/bins	Wet Material
Drop #2 - Front-end loader to hopper	Wet Material
Drop #3 - Hopper to conveyor	Wet Material
Drop #4 - Conveyor to aggregate/sand bin	Wet Material
Drop #5 - Aggregate/sand bin to conveyor	Wet Material
Drop #6 - Conveyor to truck loading point	Wet Material
Drop #7 - Cement/Flyash to truck loading point	Dust Collector
Drop #8 - Cement/Flyash to truck loading point	Dust Collector

**DROP POINT EMISSIONS:**

Cubic Yards

200

Hr/Yr:

3744

	#1 - #4	#1 - #4	#5	TOTALS
Type of Materials (sand, aggregate)	aggregate	sand	agg/sand wt hopper	
HT, hourly material throughput (ton/hr)*	190	124	314	
AT, annual material throughput (ton/yr)	711360	464256	1175616	
EF <sub>1</sub> , emission factor (lb TSP/ton)	0.0069	0.0021	0.0051	
EF <sub>2</sub> , emission factor (lb PM/ton)	0.0033	0.00099	0.0025	
Number of like drops	4	4	1	
CF = control factor	0.5	0.5	0.5	
E9 (lb TSP/hr)	2.62	0.52	0.80	3.94
E10 (lb PM10/hr)	1.25	0.25	0.39	1.89
E11 (lb PM2.5/hr)	0.19	0.04	0.06	0.28
E12 (ton TSP/yr)	4.91	0.97	1.50	7.38
E13 (ton PM10/yr)	2.35	0.46	0.73	3.54
E14 (ton PM2.5/yr)	0.35	0.07	0.11	0.53

\* 1 cubic yard of concrete = 2.0 tons of material

Cement = 0.25 tons  
 Sand = 0.62 tons  
 Aggregate = 0.95 tons  
 Water = 0.18 tons  
 2.0 tons

Example calculation:

Sand = 0.62 tons/hr \* 200 cu yds = 124tons  
 Aggregate = 0.95 tons/hr \* 200 cu yds = 190 tons  
 Cement = 0.25 tons/hr \* 200 cu yds = 50 tons

Emission factors from Table 11.2-2

PM2.5 calculated as 15% of PM10

Control factor of 0.50 used for wet material

Cement/Flyash transported in enclosed pipe and vented through Central Baghouse

# **STOCKPILE EMISSIONS**

A, Stockpile Area (acres) Active	2	
D, number of active days per year	365	
CF, Control Factor - Water	0.3	
E15, inactive stockpile emissions (ton TSP/yr)	0.00	
E16, inactive stockpile emissions(ton PM10/yr)	0.00	
E17, inactive stockpile emissions(ton PM2.5/yr)	0.00	
E18, active stockpile emissions(ton TSP/yr)	1.45	
E19, active stockpile emissions(ton PM10/yr)	0.72	
E20, active stockpile emissions(ton PM2.5/yr)	0.11	



**Texas Commission on Environmental Quality**  
**Table 11**  
**Fabric Filters**

Tables, checklists, and guidance documents pertaining to air quality permits are available from the Texas Commission on Environmental Quality (TCEQ) Air Permits Division (APD) Web site at [www.tnrc.state.tx.us/permitting/airperm](http://www.tnrc.state.tx.us/permitting/airperm).

1. Emission Point Number and name (from Process Flow Diagram): Central Baghouse				
2. Manufacturer and model number (if available): C&W Reverse Air RA-140				
3. Name of source(s) or equipment being controlled: Silo/Loadout Point				
4. Type of particulate controlled: PM10/2.5				
<b>5. GAS STREAM CHARACTERISTICS</b>				
Design Maximum Flow Rate (acfm)	Average Expected Flow Rate (acfm)	Gas Stream Temperature (°F)	Particulate Grain Loading (grain/scf)	
6500	6500	ambient	Inlet:	Outlet: 0.01
Pressure Drop (inches of H <sub>2</sub> O)	Water Vapor Content of Effluent Stream (lb water/lb dry air)		Fan Requirements	
9"	n/a		hp: 10	ft <sup>3</sup> /min:
<b>6. PARTICULATE DISTRIBUTION (By Weight)</b>				
Micron Range	Inlet (Percentage)		Outlet (Percentage)	
0.0-0.5				
0.5-1.0				
1.0-5.0				
5-10				
10-20				
over 20				
<b>7. FILTER CHARACTERISTICS</b>				
Filtering Velocity (acfm/ft <sup>2</sup> of Cloth)	Bag Diameter (inches)	Bag Length (feet)	Total Number of Bags	
4.54		9.5	72	
8. Bag rows will be: <input type="checkbox"/> Staggered <input checked="" type="checkbox"/> Straight				
9. Will walkways be provided between banks of bags?: <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO				
10. Filtering material: Polyester Felt				
11. Describe bag cleaning method and cycle.: Reverse Air				
12. Capital installed cost \$ n/a Annual operating cost \$ n/a				

Note: Attach the details regarding the principle of operation and an assembly drawing (front and top view) of the abatement device drawn to scale clearly showing the design, size and shape.  
*If the device has bypasses, safety valves, etc., include in the drawing and specify when such bypasses are to be used and under what conditions.*

**Texas Commission on Environmental Quality**  
**Table 20**  
**Concrete Batch Plants**

The following Table is designed to help you confirm that you meet the requirements of Title 30 Texas Administrative Code Chapter 116. Tables, checklists, and guidance documents pertaining to air quality permits are available from the Texas Commission on Environmental Quality, Air Permits Division Web site at [www.tceq.state.tx.us/nav/permits/air\\_permits.html](http://www.tceq.state.tx.us/nav/permits/air_permits.html).

Please Complete the Following				
Plant identification or name: SCC PORTABLE CBP-01				
Type of Plant:	<input type="checkbox"/> Permanent	<input checked="" type="checkbox"/> Temporary	<input type="checkbox"/> Specialty Mix	
Type of batching that will be accomplished:	<input checked="" type="checkbox"/> Wet (Rotary Mix Truck)		<input type="checkbox"/> Dry	<input type="checkbox"/> Central Mix
Maximum Production Rates:	200 yd <sup>3</sup> /hr.		748,800	yd <sup>3</sup> /year
Maximum Operations:	12	hours/day	6	days/week
	52	weeks/year	3744	hour/year
Does the facility operate at night? (Depending on the Public Works project schedule)				<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
Is a completed Table 11 "Fabric Filters," submitted with this application for each fabric filter?				<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
<b>Silo Information</b>				
How many silos will this plant have? 1				
What is the volume of each silo? 40 tons				ft <sup>3</sup>
Explain the method of loading silo(s): Pneumatic Loading from Truck				
Is each silo equipped with overload warning device?				<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
What type of abatement device will be used on silo vent(s)? Baghouse				
How will the batch drop to truck or central mixer be controlled to prevent dust emissions?				
<input checked="" type="checkbox"/> Suction shroud with exhaust air to central fabric filter. (If checked, attach a completed Table 11, "Fabric Filters.")				
<input type="checkbox"/> Flexible discharge spouts with water fog ring. (If checked, attach design drawing.)				
<input type="checkbox"/> Other type of abatement device. (If checked, explain in detail and attach design drawing.)				
What is the distance from the water fog ring or central bag house stack to the nearest property line?				100 ft.
How will the cement weight hopper be vented?				
<input type="checkbox"/> Cement Flyash Silo Fabric Filter (If checked, attach a completed Table 11, "Fabric Filters.")				
<input checked="" type="checkbox"/> Central Fabric Filter. ((If checked, attach a completed Table 11, "Fabric Filters.")				
<input type="checkbox"/> Other (Please indicate)				



**Texas Commission on Environmental Quality**  
**Table 20**  
**Concrete Batch Plants**

<b>Please Complete the Following (continued)</b>	
Will the sand and aggregate be washed prior to delivery at your facility?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
What is the number of acres or square feet, which will be covered by aggregate stockpiles?	
~1 Acres or	square feet
Check the appropriate boxes where water sprays will be used:	
<input type="checkbox"/> Stockpiles	
<input checked="" type="checkbox"/> Aggregate Bin Outlets	
<input checked="" type="checkbox"/> Convey or Transfer Point	
<input type="checkbox"/> Screens	
Identify the type(s) of treatment(s) to prevent dust emissions on the plant road(s).	
<input type="checkbox"/> Pave and Cleaned (asphalt or concrete)	
<input type="checkbox"/> Chemical Sprayed	
<input checked="" type="checkbox"/> Water Sprinkled	
<input type="checkbox"/> Gravel	
<input type="checkbox"/> Paved and Vacuumed	
Is there a generator or engine on site?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
<i>Note: If "YES," complete A through G and submit a completed Table 29 entitled, "Reciprocating Engines."</i>	
<b>Generator Information: NOT APPLICABLE</b>	
Make and Model:	
Maximum Rated Horse Power:	
Fuel Type:	
Percentage of Sulfur Content:	
Annual Hours of Operation:	
Distance to Nearest Property Line (Specify in Feet):	
NO <sub>x</sub> Rating (Specify in Units):	
<b>Fabric Filter</b>	
Fabric Filter Name or EPN: Central Baghouse / Silo Tops	
Manufacturer's Represented Efficiency: 99.9%	
Micron Level(s) Evaluated:	

## **Southern Crushed Concrete, LLC Recordkeeping**

Pursuant to the Standard Permit for Concrete Batch Plants (3)(J), owners or operators will keep written records on site for a rolling 24-month period. Owners or operators will make these records available at the request of TCEQ personnel or any air pollution control program having jurisdiction. Records shall be maintained on-site for the following including, but not limited to:

- (i) 30 TAC § 101.201, Emissions Event Reporting and Recordkeeping Requirements;
- (ii) 30 TAC § 101.211, Scheduled Maintenance, Startup, and Shutdown Reporting and Recordkeeping Requirements;
- (iii) ~~Production rate for each hour and day of operation that demonstrates compliance with subsection (8)(A), (9)(A), or (10)(A) of this standard permit, as applicable;~~
- (iv) All repairs and maintenance of abatement systems;
- (v) Material Safety Data Sheets for all additives and other chemicals used at the site;
- (vi) Road cleaning, application of road dust control, or road maintenance for dust control;
- (vii) Stockpile dust suppression;
- (viii) Silo warning device or shut-off system tests;
- (ix) Quarterly visible emissions observations and any corrective actions required to control excess visible emissions;
- (x) Demonstration of compliance with subsection (6)(B) of this standard permit; and
- (xi) Type of fuel used to power engines authorized by this standard permit.

## General Information

C&W's Reverse Air technology provides an effective way to reverse the harmful effects of dust pollution. The RA-Series of central dust collectors offers proven technology and superior design for your dust control needs. The RA dust collectors are the most durable collectors available, in addition to using only a small amount of compressed air.

Engineered by dust control specialists, the RA-Series combines user-friendliness with exceptional performance.

# RA-Series Central Dust Collectors

### Benefits

Easy to Maintain

Efficiency

Efficiency, Compact

Performance

Reliable, Easy to Operate

Long-Lasting, Durable

Safety, OSHA-Compliant

### Features:

Tool-less Exchange of Filter Media

Top Entry for Clean Side Filter Exchange

99.9% Filtration Efficiency\*

Felt Polyester Bags

Snap-in Bags

Mini-helic Gauge

Hopper Vibrator

Solid State Adjustable Timers w/ LED Display

10 Gauge, Cambered Steel Construction

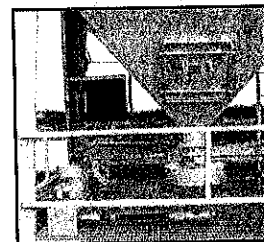
Ladders, Platforms, and Handrails

## Options

- Manual or Automatic Recycle Systems
- Custom Shrouds and Snorkels
- Silo Anti-Overfill System
- Screw Conveyor with "V" Hopper
- Available in Mobile Units

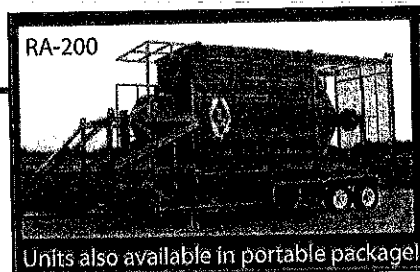
### Additional Services:

- Turn-Key Installations
- Customized Layouts
- Start-up and Maintenance Training
- Professional Consultation



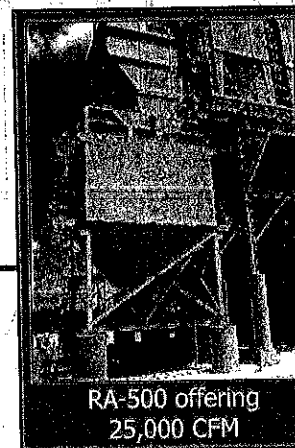
Automatic Recycle System

## Specs

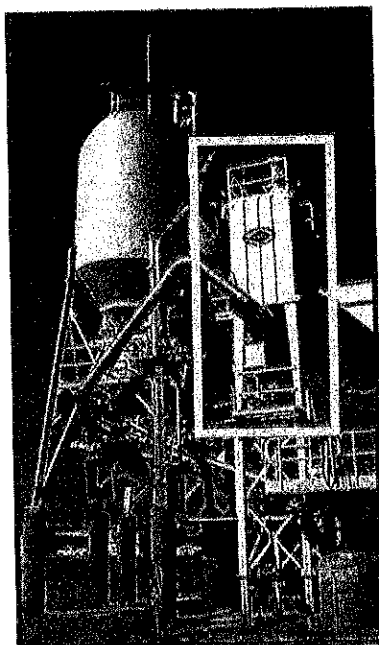


RA-200

Units also available in portable package!



RA-500 offering  
25,000 CFM



Specifications	RA-120	RA-140	RA-170	RA-200	RA-280	RA-340
Total Filtration Area (sq. ft.)	955	1,435	1,734	2,148	2,865	3,768
Number of Bags	48	72	72	108	144	144
Bag Length	114"	114"	138"	114"	114"	138"
Overall Height	21'6"	23'8"	25'8"	22'3"	25'4"	27'4"
Overall Width	8'	10'4"	10'4"	10'2"	10'7"	10'7"
Overall Length	9'2"	9'2"	9'2"	11'	17'5"	17'5"
Approx. Weight (lbs.)	5,600	7,700	8,200	9,200	10,500	12,400
Air to Cloth Ratio (ACFM/ft)	5.2	4.9	4.61	4.66	4.54	4.33
Blower Horsepower (optional)	10	10	15	20	25	25
Blower CFM	5,000	7,500	8,000	10,000	13,000	15,000
# of Compartments	2	2	2	2	4	4
Min. Dust Efficiency	99.9%	99.9%	99.9%	99.9%	99.9%	99.9%
Cleaning Mechanism	Reverse Air	Reverse Air	Reverse Air	Reverse Air	Reverse Air	Reverse Air

\*At Standard Test Conditions

C&W Manufacturing and Sales Co.

P.O. Box 908 ♦ Crowley, TX 76036 ♦ 1-800-880-DUST ♦ [www.cwmfg.com](http://www.cwmfg.com)