

BEFORE THE ILLINOIS POLLUTION CONTROL BOARD

KCBX TERMINALS COMPANY,)	
)	
Petitioner,)	
)	
v.)	PCB 10-110
)	(Air Permit Appeal)
ILLINOIS ENVIRONMENTAL)	
PROTECTION AGENCY,)	
)	
Respondent.)	

NOTICE OF FILING

TO: Mr. John Therriault	Bradley P. Halloran, Esq.
Assistant Clerk	Hearing Officer
Illinois Pollution Control Board	Illinois Pollution Control Board
James R. Thompson Center	James R. Thompson Center
100 West Randolph, Suite 11-500	100 West Randolph, Suite 11-500
Chicago, Illinois 60601	Chicago, Illinois 60601
(VIA ELECTRONIC MAIL)	(VIA FIRST CLASS MAIL)

PLEASE TAKE NOTICE that I have today filed with the Office of the Clerk of the Illinois Pollution Control Board KCBX TERMINALS COMPANY'S **MOTION TO SUPPLEMENT THE RECORD**, a copy of which is herewith served upon you.

Respectfully submitted,

KCBX TERMINALS COMPANY,
Petitioner,

Dated: February 23, 2011

By: /s/ Katherine D. Hodge
One of Its Attorneys

Katherine D. Hodge
Lauren C. Lurkins
HODGE DWYER & DRIVER
3150 Roland Avenue
Post Office Box 5776
Springfield, Illinois 62705-5776
(217) 523-4900

CERTIFICATE OF SERVICE

I, Katherine D. Hodge, the undersigned, hereby certify that I have served the attached MOTION TO SUPPLEMENT THE RECORD upon:

John T. Therriault
Assistant Clerk of the Board
Illinois Pollution Control Board
James R. Thompson Center
100 West Randolph Street
Suite 11-500
Chicago, Illinois 60601

via electronic mail on February 23, 2011; and upon:

Christopher J. Grant, Esq.
Office of the Illinois Attorney General
69 West Washington Street,
Suite 1800
Chicago, Illinois 60602

Bradley P. Halloran, Esq.
Hearing Officer
Illinois Pollution Control Board
James R. Thompson Center
100 West Randolph Street
Suite 11-500
Chicago, Illinois 60601

by depositing said documents in the United States Mail, postage prepaid, in Springfield, Illinois on February 23, 2011.

/s/ Katherine D. Hodge
Katherine D. Hodge

BEFORE THE ILLINOIS POLLUTION CONTROL BOARD

KCBX TERMINALS COMPANY,)	
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v.)	PCB 10-110
)	(Air Permit Appeal)
ILLINOIS ENVIRONMENTAL)	
PROTECTION AGENCY,)	
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Respondent.)	

MOTION TO SUPPLEMENT THE RECORD

NOW COMES Petitioner, KCBX TERMINALS COMPANY (“KCBX”), a North Dakota corporation, by and through its attorneys, HODGE DWYER & DRIVER, and hereby moves to supplement the record before the Illinois Pollution Control Board (“Board”) with certain documents the Illinois Environmental Protection Agency (“Illinois EPA”) relied upon in making its determination regarding KCBX’s application for a construction permit regarding the receipt and handling of fluid petroleum coke (“Fluid Coke”) at its bulk solids materials terminal located in Chicago, Illinois (“Facility”). In support of its Motion, KCBX states as follows:

1. On May 25, 2010, Illinois EPA issued to KCBX a “Construction Permit – Revised” (“Revised Construction Permit”) for the Facility.
2. On June 29, 2010, KCBX timely filed its Petition for Review (“Petition”) of the Revised Construction Permit based on the fact that Illinois EPA included conditions in the Revised Construction Permit that must be modified in order to effectuate Illinois EPA’s intent, i.e., that KCBX be allowed to “receive” Fluid Coke, and to clarify that the proposed activity will not cause a violation of the Illinois

Environmental Protection Act or the regulations promulgated thereunder. Together with the Petition, KCBX filed a Motion to Stay the Effectiveness of Contested Permit Conditions (“Motion to Stay”).

3. On July 15, 2010, the Board accepted the Petition, but reserved ruling on the Motion to Stay.

4. On July 26, 2010, Illinois EPA filed a Response in Opposition to KCBX’s Motion to Stay.

5. While the parties agreed to several extensions of Illinois EPA’s deadline to file the Record, Illinois EPA filed the Record with the Board on February 1, 2011.

6. During its review of the Record, KCBX discovered that several documents that should have been included in the Record were omitted from the Record. Therefore, KCBX is filing this Motion in order to add these documents to the Record.

7. The documents KCBX seeks to have included in the Record consist of the following:

- A complete version of the February 3, 2010 letter from Jim Simmons (KCBX) to Edwin C. Bakowski, P.E. (Illinois EPA) regarding the Construction Permit Application, Receipt and Handling of Fluid Coke, attached hereto as Exhibit A, Bates stamped KCBX000131-KCBX000162 (the version of this letter contained in the Record is incomplete);
- A March 2, 2010 e-mail from Christopher Bailey (KCBX) to George Kennedy (Illinois EPA) regarding Fluid Coke, with attachment, attached hereto as Exhibit B, Bates stamped KCBX000163-KCBX000171 (omitted from the Record);
- A May 7, 2010 letter from Jim Simmons (KCBX) to Edwin C. Bakowski, P.E. (Illinois EPA) regarding Construction Permit Application – Receipt and Handling of Fluid Coke, Response to Agency Request for Information, attached hereto as Exhibit C, Bates stamped KCBX000172-KCBX000174 (omitted from the Record);

- Illinois EPA's May 14, 2010 Notice of Additional Construction Permit Application Fees, attached hereto as Exhibit D, Bates stamped KCBX000175-KCBX000176 (omitted from the Record); and
- The Revised Construction Permit, issued to KCBX by Illinois EPA on May 25, 2010, attached hereto as Exhibit E, Bates stamped KCBX000177-KCBX000192 (omitted from the Record).

8. Because the Record is incomplete, KCBX requests that it be supplemented with the exhibits attached hereto, in order to make available to the Board all documents relevant to this matter. For continuity in the Record, the attached exhibits have been consecutively numbered with the documents filed as the Record by Illinois EPA

9. In addition, KCBX respectfully requests that Illinois EPA confirm whether there exists "[a]ny other information [Illinois EPA] relied upon in making its final decision," which was not included in the Record. *See* 35 Ill. Admin. Code § 105.212.

WHEREFORE Petitioner, KCBX TERMINALS COMPANY, for the above-stated reasons, respectfully prays that the Board grant this Motion to Supplement the Record, and that the Board award KCBX TERMINALS COMPANY all other relief just and proper in the premises.

Respectfully submitted,

KCBX TERMINALS COMPANY
Petitioner,

Dated: February 23, 2011

By: /s/ Katherine D. Hodge
Katherine D. Hodge

Katherine D. Hodge
Lauren C. Lurkins
HODGE DWYER & DRIVER
3150 Roland Avenue
Post Office Box 5776
Springfield, Illinois 62705-5776
(217) 523-4900
KCBX:003/Fil/Motion to Supplement the Record

 **KCBX TERMINALS COMPANY**

February 03, 2010

CERTIFIED MAIL

Edwin C. Bakowski, P.E.
Manager, Permit Section
Illinois Environmental Protection Agency
Division of Air Pollution Control - MC #11
1021 North Grand Avenue East
PO Box 19276
Springfield, IL 67297-9276

Re: Construction Permit Application
Receipt and Handling of Fluid Coke
KCBX Terminals Company, Chicago, Illinois
LD. Number 031600AHI

Dear Mr. Bakowski,

This construction permit application is prepared in response to the December 9, 2009 Notice of Incompleteness ("Notice") from the Illinois Environmental Protection Agency ("Illinois EPA" or "Agency") related to KCBX Terminals Company's ("KCBX") Request for Revisions to the Revised Construction Permit for 2 Conveyors at a Bulk Solid Materials Terminal issued on October 17, 2008 (see Application Number 07100090). By way of background, after consultations with legal representatives of the Illinois EPA, KCBX submitted its Request, on November 23, 2009, in order to allow a trial receipt of three railcars of fluid petroleum coke ("Fluid Coke"). KCBX currently receives petroleum coke and has an opportunity to receive Fluid Coke, a low moisture material, from a different supplier. However, based on the Agency's Notice, KCBX now understands that the simplest and most expedient means to address the receipt of Fluid Coke is to apply for and obtain a separate construction permit for this activity.

As you will recall from the initial request, KCBX had a narrow window of opportunity to conduct the trial before winterizing control systems that use water. Even though the systems are now winterized and the preferred timing of this opportunity has past, KCBX is continuing to work toward realizing the value of this opportunity in 2010 and greatly appreciates your expedient review of this application. Because of the shift in timing, KCBX is withdrawing its request to conduct the trial of three railcars in favor of this application. Specifically, KCBX requests a construction permit that deletes Special Condition 6 of the Revised Construction Permit issued on October 17, 2008, renumbers Special Condition 7 to Special Condition 6, adds a new Special Condition 7, and revises Condition 11.a, with proposed language as follows:

- 7a. *The Permittee shall utilize water sprays on the material handling operations (e.g., material transfer, screening and crushing) as needed to:*

EXHIBIT A

Mr. Edwin C. Bakowski, P.E.
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- i. Reduce particulate matter emissions and to maintain compliance with the applicable visible emissions standards for each affected material handling operation, and*
 - ii. Maintain compliance with the emission limits of 6a.i and 6.a.ii.*

- 7b. The Permittee shall record the moisture contents that are provided by the suppliers of the bulk solid materials received. These moisture data shall be used to calculate emissions using the method specified in Condition 6.a.iii. The Permittee may test the moisture content of a bulk solid material at any time with the results of such tests substituted for the moisture content provided by the supplier of the specific bulk solid material.*

- 7c. If the Permittee receives bulk solid materials with a moisture content of 1.3% or less as provided by the supplier, then the Permittee shall utilize water application equipment or blend the lower moisture materials with higher moisture material(s) prior to loading for outbound shipment or stockpiling. For stockpiled material, the facility shall collect samples of the wetted or blended materials within 24 hours of first stockpiling these bulk materials and analyze for moisture to demonstrate moisture contents are greater than 1.3%.*

- 7.d. When using water application to demonstrate compliance with handling the bulk solid materials with a moisture content of 1.3% or less in Condition 7.c, the Permittee shall:*
 - i. Keep daily records of the volume of water applied at the point of bulk material receipt (i.e., within the Railcar Unload Building, barge unloading area, or truck unloading area) using a flow metering device or other means of recording water volume, and*
 - ii. Inspect the water application equipment in Condition 7.d.i for conditions that impair the operation of the equipment as designed (e.g., excessive leakage, inadequate flow, clogged flow lines, etc.) at least once each calendar week.*

- 11a. The Permittee shall maintain records of the following items so as to demonstrate compliance with the conditions of this permit:*

Mr. Edwin C. Bakowski, P.E.
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- i. *If the Permittee is using water application to demonstrate compliance with Condition 7.c, the Permittee shall maintain operating logs for the water application equipment, including dates and hours of usage, total amount of water applied each month, malfunctions (types, dates, and measures to correct), dates of rainfall during the preceding 24 hours, and daily observations of bulk material conditions (wet or dry) and/or other controls as may be present (e.g., coverage by snow or ice);*
- ii. *Records of the moisture content of bulk solid materials as provided by the suppliers of bulk solid materials, unless such records are superseded by moisture analyses from samples collected at the facility;*
- iii. *Records of moisture analyses from samples collected at the facility;*
- iv. *Name of each bulk material (e.g., coal, petroleum coke, etc.) and total amount of each bulk material handled (i.e., crushed, screened and transferred), in tons/month and tons/year; and*
- v. *Monthly and annual emissions of PM and PM10 from the material handling operations at this source, with supporting calculations, in tons/month and tons/year.*

KCBX has selected 1.3% moisture content as a threshold level of concern because this is the upper bound of a "dry" material as cited in footnote b of AP-42 Table 11.19.2-2, which includes crushing, screening and conveying. This value is conservative because the same discussion in footnote b of AP-42 Table 11.19.2-2 also describes a wetted material as having 0.55% moisture or more. Additionally, Equation 1 from AP-42 13.2.4, approved by the Agency and used by KCBX for compliance demonstration and emissions reporting, was developed by testing on materials with a moisture content range of 0.25% to 4.8%.

Condition 6.b.i of the Revised Construction Permit issued on October 17, 2008 requires the facility to track the volume of water applied when receiving low moisture material as one means of demonstrating compliance. The permit revision proposed by KCBX retains this demonstration option when receiving low moisture material, but expands the means of measurement to include measurement techniques other than metering, such as counting the number of water truck volumes applied if the water truck is used to deliver water for particulate control.

In support of this application, KCBX has prepared Form APC628 (enclosed), Form 197-FEE (enclosed), a check for \$2000 (enclosed) and provides the following information consistent with the sequence of questions on Form APC628.

Mr. Edwin C. Bakowski, P.E.
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APC628-36. N/A. Application does not involve construction.

APC628-37. The requested permit would eliminate the current moisture restriction of Special Condition 6 in the Permit, which only affects fugitive particulate emissions. Ample fugitive particulate limits and controls are provided by existing Special Conditions 2a through 2e (opacity), Special Conditions 2f through 2g (process rate), Special Conditions 2h and 5b through 5f (contingency measures), Special Condition 7 (mass limits and emission calculation), and Special Conditions 8 and 9 (testing). KCBX has an opportunity to receive low-moisture bulk solid fuel, in this case Fluid Coke, blend it with higher-moisture bulk solid fuels during initial transfer of the material, store the blended material as needed, and ship the blended material to customers by vessel, rail or truck. The Fluid Coke and blended material will be handled on existing equipment using existing control systems. KCBX will visually monitor transfer and storage operations for opacity and apply controls as necessary in accordance with the Permit. Emissions will be calculated using the approved formula of Special Condition 7 and material moisture data from suppliers or from samples of the bulk solid materials collected at the facility. An MSDS for Fluid Coke is enclosed.

APC628-38. There are no new emission units or air pollution control equipment proposed in this application. Equipment added since Federally Enforceable State Operating Permit was last issued as a revision on April 8, 2004, include one box hopper added in 2004 (Application No. 04050036), and one 125-ft conveyor (Permit Application No. 07100090). All material handling equipment and pollution control equipment existing at the time of this application will continue to be operated as before, with the possible exception of more frequent application of water.

APC628-39. A simple process flow diagram is enclosed. The only change in operating procedures are the control of the Fluid Coke unloading rate and the addition of higher-moisture bulk solid fuel to the Fluid Coke on the collector conveyor using existing equipment. Bulk solid materials are currently added to the collector conveyor as a means to transfer them to the shiploader. Consequently, this does not represent a different mode of equipment operation.

APC628-40. N/A. Facility has a Bureau of Air permit.

APC628-41. Information relevant to this application is included in Form APC628 and the narrative of this correspondence.

APC628-42. Relevant state emission standards, federal New Source Performance Standards (NSPS), and federal Hazardous Air Pollutant (HAP) standards are addressed in the Permit. NSPS Subpart Y is not relevant because the subject bulk solid material is not coal. Additionally, the facility has only very minor emissions of HAP from fuel combustion and from trace constituents that may be associated with Fluid Coke.

APC628-43. The application does not represent a major Prevention of Significant Deterioration (PSD) project because no emission increases are requested above those authorized in the Permit.

Mr. Edwin C. Bakowski, P.E.
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KCBX calculates emissions from 19 bulk material handling scenarios, two stockpile scenarios (active and inactive) and three ancillary sources (combustion in large and small engines and road dust from vehicle traffic). Within the 19 bulk material handling scenarios, equipment configurations may result in one to 18 discrete bulk material transfers. KCBX proposes that receipt of dry, wettable bulk product be treated as a separate handling scenario, using the product moisture associated with that scenario in the emission calculations, until the material is blended. Blended material and all other material handling would continue to use the average moisture content from material receipts for the month as the Agency has previously approved. The attached table is included as an example of how such calculations would be completed. Note that any representation of moisture content, product throughput, or product transfers are purely examples and do not reflect any actual caps or limits.

APC628-44. Types of pollutants for which the project could be a major PSD project are not relevant (see response to APC628-43).

APC628-45. The application does not represent a major project for Nonattainment New Source Review (NNSR) because no emission increases are requested above those authorized in the Permit (see response to APC628-43).

APC628-46. Types of pollutants for which the project could be a major NNSR project are not relevant (see response to APC628-45).

APC628-47. The facility is not a major source of HAP (see response to APC628-42).

APC628-48. The facility is not a major source of HAP (see response to APC628-42).

APC628-49. N/A. Facility is not a major source, and is not proposing a major modification for purposes of PSD, NNSR, or HAP (see responses to APC628-42, APC628-43, and APC628-45).

APC628-50. N/A. Project does not involve an increase in emissions from new or modified emission units.

APC628-51. N/A. Project does not involve an increase in emissions from new or modified emission units.

APC628-52. Emissions will be calculated as specified in Special Condition 7a of the Permit.

APC628-53. The expiration date of the FESOP was June 22, 2005. KCBX has been operating on a timely application for renewal of the FESOP as modified by a Revised Construction Permit issued on October 17, 2007. This application is consistent with most recent language proposed for the renewed FESOP submitted to the Agency on August 7, 2009.

APC628-54. N/A. Facility is not claiming any information as confidential or a trade secret.

Mr. Edwin C. Bakowski, P.E.
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APC628-55. N/A. Facility is located in Cook County.

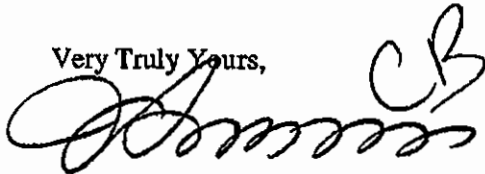
APC628-56. Facility is located in Cook County and has enclosed three copies of the application.

APC628-57. Form 197-FEE is enclosed

APC628-58. A check for \$2000 is enclosed.

As previously stated, KCBX appreciates the efforts of the Agency to expedite review of this application. If you have any questions about this application and/or need any additional information, please contact our Environment, Health and Safety Manager, Mr. Christopher Bailey at 773.978.8518. Finally, we would appreciate the opportunity to review the requested construction permit prior to issuance.

Very Truly Yours,



Jim Simmons, Terminal Manager

cc: Mr. Robert W. Bernoteit
Mr. Terry Steinert
Thomas G. Safley, Esq.
Katherine D. Hodge, Esq.



Illinois Environmental Protection Agency
 Division Of Air Pollution Control - Permit Section
 P.O. Box 19506
 Springfield, Illinois 62794-9506

Construction Permit Application For a FESOP Source (FORM APC628)	For Illinois EPA use only
	BOA ID No.:
	Application No.:
Date Received:	

This form is to be used to supply information to obtain a construction permit for a proposed project involving a Federally Enforceable State Operating Permit (FESOP) or Synthetic Minor source, including construction of a new FESOP source. Other necessary information must accompany this form as discussed in the "General Instructions For Permit Applications," Form APC-201.

Proposed Project	
1. Working Name of Proposed Project: Removal of restrictions on bulk material moisture	
2. Is the project occurring at a source that already has a permit from the Bureau of Air (BOA)? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes If Yes, provide BOA ID Number: <u>031600AH1</u>	
3. Does this application request a revision to an existing construction permit issued by the BOA? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes If Yes, provide Permit Number: <u>07100090</u>	
4. Does this application request that the new/modified emission units be incorporated into an existing FESOP issued by the BOA? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes If Yes, provide Permit Number: <u>95050167</u>	

Source Information		
5. Source name:* KCBX Terminals Company		
6. Source street address:* 3259 East 100th Street		
7. City: Chicago	8. County: Cook	9. Zip code: 60617
ONLY COMPLETE THE FOLLOWING FOR A SOURCE WITHOUT AN ID NUMBER.		
10. Is the source located within city limits? <input type="checkbox"/> Yes <input type="checkbox"/> No If no, provide Township Name:		
11. Description of source and product(s) produced:		12. Primary Classification Code of source: SIC: _____ or NAICS: _____
13. Latitude (DD:MM:SS.SSSS):		14. Longitude (DD:MM:SS.SSSS):

* If this information different than previous information, then complete a new Form 200-CAAPP to change the source name in initial FESOP application for the source or Form APC-620 for Air Permit Name and/or Ownership Change if the FESOP has been previously issued.

Applicant Information	
15. Who is the applicant? <input checked="" type="checkbox"/> Owner <input type="checkbox"/> Operator	16. All correspondence to: (check one) <input checked="" type="checkbox"/> Owner <input type="checkbox"/> Operator <input type="checkbox"/> Source
17. Applicant's FEIN: 48-1082551	18. Attention name and/or title for written correspondence: Christopher Bailey, EHS Manager

This Agency is authorized to require and you must disclose this information under 416 ILCS 6/39. Failure to do so could result in the application being denied and penalties under 415 ILCS 5 et seq. It is not necessary to use this form in providing this information. This form has been approved by the forms management center.
 IL 532-2865 APC628 9/07

Printed on Recycled Paper

Page 1 of 4

KCBX000137

Owner Information*		
19. Name: KCBX Terminals Company		
20. Address: 3259 East 100th Street		
21. City: Chicago	22. State: IL	23. Zip code: 60617

* If this information different than previous information, then complete Form 272-CAAPP for a Request for Ownership Change for CAAPP Permit for an initial FESOP application for the source or Form APC-620 for Air Permit Name and/or Ownership Change if the FESOP has been previously issued.

Operator Information (if Different from Owner)*		
24. Name SAME		
25. Address:		
26. City:	27. State:	28. Zip code:

* If this information different than previous information, then complete a new Form 200-CAAPP to change the source name in initial FESOP application for the source or Form APC-620 for Air Permit Name and/or Ownership Change if the FESOP has been previously issued.

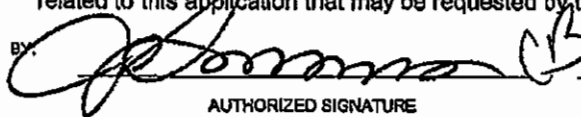
Technical Contacts for Application	
29. Preferred technical contact: (check one) <input checked="" type="checkbox"/> Applicant's contact <input type="checkbox"/> Consultant	
30. Applicant's technical contact person for application: Christopher Bailey	
31. Contact person's telephone number 773-978-8518	32. Contact person's email address: Bailey4C@kochind.com
33. Applicant's consultant for application: N/A	
34. Consultant's telephone number:	35. Consultant's email address:

Review Of Contents of the Application	
36. Is the emission unit covered by this application already constructed? If "yes", provide the date construction was completed:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Note: The Illinois EPA is unable to issue a construction permit for a emission unit that has already been constructed.	
37. Does the application include a narrative description of the proposed project?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
38. Does the application contain a list or summary that clearly identifies the emission units and air pollution control equipment that are part of the project?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
39. Does the application include process flow diagram(s) for the project showing new and modified emission units and control equipment and related existing equipment and their relationships?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
40. If the project is at a source that has not previously received a permit from the BOA, does the application include a source description, plot plan and site map?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Review Of Contents of the Application (continued)	
41. Does the application include relevant information for the proposed project as requested on Illinois EPA, BOA application forms (or otherwise contain all the relevant information)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
42. Does the application identify and address all applicable or potentially applicable emissions standards, including: a. State emission standards (35 IAC Chapter I, Subtitle B); b. Federal New Source Performance Standards (40 CFR Part 60); c. Federal standards for HAPs (40 CFR Parts 61 and 63)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
43. Does the application address whether the proposed project or the source could be a major project for Prevention of Significant Deterioration (PSD), 40 CFR 52.21?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
44. Does the application address for which pollutant(s) the proposed project or the source could be a major project for PSD, 40 CFR 52.21?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
45. Does the application address whether the proposed project or the source could be a major project for "Nonattainment New Source Review," (NA NSR), 35 IAC Part 203?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
46. Does the application address for which pollutant(s) the proposed project or the source could be a major project for NA NSR, 35 IAC Part 203?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
47. Does the application address whether the proposed project or the source could potentially be subject to federal Maximum Achievable Control Technology (MACT) standard under 40 CFR Part 63 for Hazardous Air Pollutants (HAP) and identify the standard that could be applicable?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A* * Source not major <input checked="" type="checkbox"/> Project not major <input checked="" type="checkbox"/>
48. Does the application identify the HAP(s) from the proposed project or the source that would trigger the applicability of a MACT standard under 40 CFR Part 63?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
49. Does the application include a summary of the current and the future potential emissions of the source after the proposed project has been completed for each criteria air pollutant and/or HAP (tons/year)?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A* * Applicability of PSD, NA NSR or 40 CFR 63 not applicable to the source's emissions.
50. Does the application include a summary of the requested permitted annual emissions of the proposed project for the new and modified emission units (tons/year)?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A* * Project does not involve an increase in emissions from new or modified emission units.
51. Does the application include a summary of the requested permitted production, throughput, fuel, or raw material usage limits that correspond to the annual emissions limits of the proposed project for the new and modified emission units?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A* * Project does not involve an increase in emissions from new or modified emission units.
52. Does the application include sample calculations or methodology for the emission estimations and the requested emission limits?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
53. Does the application address the relationships with and implications of the proposed project for the source's FESOP?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A* *FESOP not yet issued.
54. If the application contains information that is considered a TRADE SECRET, has such information been properly marked and claimed and other requirements to perfect such a claim been satisfied in accordance with 35 IAC Part 130?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A* * No information in the application is claimed to be a TRADE SECRET
Note: *Claimed information will not be legally protected from disclosure to the public if it is not properly claimed or does not qualify as trade secret information.	

Review Of Contents of the Application (continued)		
55. If the source is located in a county other than Cook County, are two separate copies of this application being submitted?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
56. If the source is located in Cook County, are three separate copies of this application being submitted?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
57. Does the application include a completed "FEE DETERMINATION FOR CONSTRUCTION PERMIT APPLICATION," Form 197-FEE, for the emission units and control equipment for which a permit for construction or modification is being sought?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
58. Does the application include a check in the proper amount for payment of the Construction permit fee?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No

Note: Answering "No" to Items 36 through 58 may result in the application being deemed incomplete.

Signature Block
Pursuant to 35 IAC 201.159, all applications and supplements thereto shall be signed by the owner and operator of the source, or their authorized agent, and shall be accompanied by evidence of authority to sign the application. Applications without a signed certification will be deemed incomplete.
<p>59. Authorized Signature:</p> <p>I certify under penalty of law that, based on information and belief formed after reasonable inquiry, the statements and information contained in this application are true, accurate and complete and that I am a responsible official for the source, as defined by Section 39.5(1) of the Environmental Protection Act. In addition, the technical contact person identified above is authorized to submit (by hard copy and/or by electronic copy) any supplemental information related to this application that may be requested by the Illinois EPA.</p> <p>BY:  Terminal Manager</p> <p>AUTHORIZED SIGNATURE</p> <p>TYPED OR PRINTED NAME OF SIGNATORY</p> <p>TITLE OF SIGNATORY</p> <p>DATE</p> <p>2 4 10</p>



Illinois Environmental Protection Agency
 Division Of Air Pollution Control -- Permit Section
 P.O. Box 19506
 Springfield, Illinois 62794-9506

Construction Permit Application For a FESOP Source (FORM APC628)	For Illinois EPA use only
	BOA ID No.:
	Application No.:
Date Received:	

This form is to be used to supply information to obtain a construction permit for a proposed project involving a Federally Enforceable State Operating Permit (FESOP) or Synthetic Minor source, including construction of a new FESOP source. Other necessary information must accompany this form as discussed in the "General Instructions For Permit Applications," Form APC-201.

Proposed Project	
1. Working Name of Proposed Project: Removal of restrictions on bulk material moisture	
2. Is the project occurring at a source that already has a permit from the Bureau of Air (BOA)? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes If Yes, provide BOA ID Number: <u>031600AH1</u>	
3. Does this application request a revision to an existing construction permit issued by the BOA? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes If Yes, provide Permit Number: <u>07100090</u>	
4. Does this application request that the new/modified emission units be incorporated into an existing FESOP issued by the BOA? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes If Yes, provide Permit Number: <u>95050167</u>	

Source Information		
5. Source name:* KCBX Terminals Company		
6. Source street address:* 3259 East 100th Street		
7. City: Chicago	8. County: Cook	9. Zip code: 60617
ONLY COMPLETE THE FOLLOWING FOR A SOURCE WITHOUT AN ID NUMBER.		
10. Is the source located within city limits? <input type="checkbox"/> Yes <input type="checkbox"/> No If no, provide Township Name:		
11. Description of source and product(s) produced:	12. Primary Classification Code of source: SIC: _____ or NAICS: _____	
13. Latitude (DD:MM:SS.SSSS):	14. Longitude (DD:MM:SS.SSSS):	

* If this information different than previous information, then complete a new Form 200-CAAPP to change the source name in initial FESOP application for the source or Form APC-820 for Air Permit Name and/or Ownership Change if the FESOP has been previously issued.

Applicant Information	
15. Who is the applicant? <input checked="" type="checkbox"/> Owner <input type="checkbox"/> Operator	16. All correspondence to: (check one) <input checked="" type="checkbox"/> Owner <input type="checkbox"/> Operator <input type="checkbox"/> Source
17. Applicant's FEIN: 48-1082551	18. Attention name and/or title for written correspondence: Christopher Bailey, EHS Manager

This Agency is authorized to require and you must disclose this information under 415 ILCS 5/39. Failure to do so could result in the application being denied and penalties under 415 ILCS 5 et seq. It is not necessary to use this form in providing this information. This form has been approved by the forms management center.
 IL 532-2865 APC628 8/07

Printed on Recycled Paper

Page 1 of 4

KCBX000141

Owner Information*		
19. Name: KCBX Terminals Company		
20. Address: 3259 East 100th Street		
21. City: Chicago	22. State: IL	23. Zip code: 60617

* If this information different than previous information, then complete Form 272-CAAPP for a Request for Ownership Change for CAAPP Permit for an Initial FESOP application for the source or Form APC-620 for Air Permit Name and/or Ownership Change if the FESOP has been previously issued.

Operator Information (If Different from Owner)*		
24. Name SAME		
25. Address:		
26. City:	27. State:	28. Zip code:

* If this information different than previous information, then complete a new Form 200-CAAPP to change the source name in initial FESOP application for the source or Form APC-620 for Air Permit Name and/or Ownership Change if the FESOP has been previously issued.

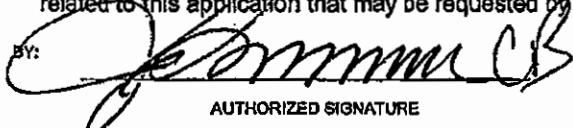
Technical Contacts for Application	
29. Preferred technical contact: (check one) <input checked="" type="checkbox"/> Applicant's contact <input type="checkbox"/> Consultant	
30. Applicant's technical contact person for application: Christopher Bailey	
31. Contact person's telephone number: 773-978-8518	32. Contact person's email address: Bailey4C@kochInd.com
33. Applicant's consultant for application: N/A	
34. Consultant's telephone number:	35. Consultant's email address:

Review Of Contents of the Application	
36. Is the emission unit covered by this application already constructed? If "yes", provide the date construction was completed:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Note: The Illinois EPA is unable to issue a construction permit for a emission unit that has already been constructed.	
37. Does the application include a narrative description of the proposed project?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
38. Does the application contain a list or summary that clearly identifies the emission units and air pollution control equipment that are part of the project?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
39. Does the application include process flow diagram(s) for the project showing new and modified emission units and control equipment and related existing equipment and their relationships?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
40. If the project is at a source that has not previously received a permit from the BOA, does the application include a source description, plot plan and site map?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Review Of Contents of the Application (continued)	
41. Does the application include relevant information for the proposed project as requested on Illinois EPA, BOA application forms (or otherwise contain all the relevant information)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
42. Does the application identify and address all applicable or potentially applicable emissions standards, including: a. State emission standards (35 IAC Chapter I, Subtitle B); b. Federal New Source Performance Standards (40 CFR Part 60); c. Federal standards for HAPs (40 CFR Parts 61 and 63)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
43. Does the application address whether the proposed project or the source could be a major project for Prevention of Significant Deterioration (PSD), 40 CFR 52.21?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
44. Does the application address for which pollutant(s) the proposed project or the source could be a major project for PSD, 40 CFR 52.21?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
45. Does the application address whether the proposed project or the source could be a major project for "Nonattainment New Source Review," (NA NSR), 35 IAC Part 203?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
46. Does the application address for which pollutant(s) the proposed project or the source could be a major project for NA NSR, 35 IAC Part 203?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
47. Does the application address whether the proposed project or the source could potentially be subject to federal Maximum Achievable Control Technology (MACT) standard under 40 CFR Part 63 for Hazardous Air Pollutants (HAP) and identify the standard that could be applicable?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A* * Source not major <input checked="" type="checkbox"/> Project not major <input checked="" type="checkbox"/>
48. Does the application identify the HAP(s) from the proposed project or the source that would trigger the applicability of a MACT standard under 40 CFR Part 63?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
49. Does the application include a summary of the current and the future potential emissions of the source after the proposed project has been completed for each criteria air pollutant and/or HAP (tons/year)?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A* * Applicability of PSD, NA NSR or 40 CFR 63 not applicable to the source's emissions.
50. Does the application include a summary of the requested permitted annual emissions of the proposed project for the new and modified emission units (tons/year)?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A* * Project does not involve an increase in emissions from new or modified emission units.
51. Does the application include a summary of the requested permitted production, throughput, fuel, or raw material usage limits that correspond to the annual emissions limits of the proposed project for the new and modified emission units?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A* * Project does not involve an increase in emissions from new or modified emission units.
52. Does the application include sample calculations or methodology for the emission estimations and the requested emission limits?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
53. Does the application address the relationships with and implications of the proposed project for the source's FESOP?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A* *FESOP not yet issued.
54. If the application contains information that is considered a TRADE SECRET, has such information been properly marked and claimed and other requirements to perfect such a claim been satisfied in accordance with 35 IAC Part 130?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A* * No information in the application is claimed to be a TRADE SECRET
Note: *Claimed information will not be legally protected from disclosure to the public if it is not properly claimed or does not qualify as trade secret information.	

Review Of Contents of the Application (continued)		
55. If the source is located in a county other than Cook County, are two separate copies of this application being submitted?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
56. If the source is located in Cook County, are three separate copies of this application being submitted?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
57. Does the application include a completed "FEE DETERMINATION FOR CONSTRUCTION PERMIT APPLICATION," Form 197-FEE, for the emission units and control equipment for which a permit for construction or modification is being sought?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
58. Does the application include a check in the proper amount for payment of the Construction permit fee?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No

Note: Answering "No" to Items 36 through 58 may result in the application being deemed incomplete.

Signature Block	
Pursuant to 35 IAC 201.159, all applications and supplements thereto shall be signed by the owner and operator of the source, or their authorized agent, and shall be accompanied by evidence of authority to sign the application. Applications without a signed certification will be deemed incomplete.	
59. Authorized Signature:	
I certify under penalty of law that, based on information and belief formed after reasonable inquiry, the statements and information contained in this application are true, accurate and complete and that I am a responsible official for the source, as defined by Section 39.5(1) of the Environmental Protection Act. In addition, the technical contact person identified above is authorized to submit (by hard copy and/or by electronic copy) any supplemental information related to this application that may be requested by the Illinois EPA.	
BY: 	Terminal Manager
AUTHORIZED SIGNATURE	TITLE OF SIGNATORY
Jim Simmons	2 04 10
TYPED OR PRINTED NAME OF SIGNATORY	DATE



Illinois Environmental Protection Agency
 Division Of Air Pollution Control - Permit Section
 P.O. Box 19506
 Springfield, Illinois 62794-9506

Construction Permit Application For a FESOP Source (FORM APC628)	For Illinois EPA use only
	BOA ID No.:
	Application No.:
Date Received:	

This form is to be used to supply information to obtain a construction permit for a proposed project involving a Federally Enforceable State Operating Permit (FESOP) or Synthetic Minor source, including construction of a new FESOP source. Other necessary information must accompany this form as discussed in the "General Instructions For Permit Applications," Form APC-201.

Proposed Project	
1. Working Name of Proposed Project: Removal of restrictions on bulk material moisture	
2. Is the project occurring at a source that already has a permit from the Bureau of Air (BOA)? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes If Yes, provide BOA ID Number: <u>031600AHI</u>	
3. Does this application request a revision to an existing construction permit issued by the BOA? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes If Yes, provide Permit Number: <u>07100090</u>	
4. Does this application request that the new/modified emission units be incorporated into an existing FESOP issued by the BOA? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes If Yes, provide Permit Number: <u>95050167</u>	

Source Information		
5. Source name:* KCBX Terminals Company		
6. Source street address:* 3259 East 100th Street		
7. City: Chicago	8. County: Cook	9. Zip code: 60617
ONLY COMPLETE THE FOLLOWING FOR A SOURCE WITHOUT AN ID NUMBER.		
10. Is the source located within city limits? <input type="checkbox"/> Yes <input type="checkbox"/> No If no, provide Township Name:		
11. Description of source and product(s) produced:	12. Primary Classification Code of source: SIC: _____ or NAICS: _____	
13. Latitude (DD:MM:SS.SSSS):	14. Longitude (DD:MM:SS.SSSS):	

* If this information different than previous information, then complete a new Form 200-CAAPP to change the source name in initial FESOP application for the source or Form APC-620 for Air Permit Name and/or Ownership Change if the FESOP has been previously issued.

Applicant Information	
15. Who is the applicant? <input checked="" type="checkbox"/> Owner <input type="checkbox"/> Operator	16. All correspondence to: (check one) <input checked="" type="checkbox"/> Owner <input type="checkbox"/> Operator <input type="checkbox"/> Source
17. Applicant's FEIN: 48-1082551	18. Attention name and/or title for written correspondence: Christopher Bailey, EHS Manager

Owner Information*		
19. Name: KCBX Terminals Company		
20. Address: 3259 East 100th Street		
21. City: Chicago	22. State: IL	23. Zip code: 60617

* If this information different than previous information, then complete Form 272-CAAPP for a Request for Ownership Change for CAAPP Permit for an initial FESOP application for the source or Form APC-620 for Air Permit Name and/or Ownership Change if the FESOP has been previously issued.

Operator Information (If Different from Owner)*		
24. Name SAME		
25. Address:		
26. City:	27. State:	28. Zip code:

* If this information different than previous information, then complete a new Form 200-CAAPP to change the source name in initial FESOP application for the source or Form APC-620 for Air Permit Name and/or Ownership Change if the FESOP has been previously issued.

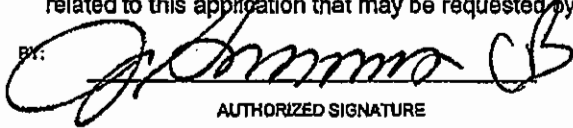
Technical Contacts for Application	
29. Preferred technical contact: (check one) <input checked="" type="checkbox"/> Applicant's contact <input type="checkbox"/> Consultant	
30. Applicant's technical contact person for application: Christopher Bailey	
31. Contact person's telephone number 773-978-8518	32. Contact person's email address: Bailey4C@kochind.com
33. Applicant's consultant for application: N/A	
34. Consultant's telephone number:	35. Consultant's email address:

Review Of Contents of the Application	
36. Is the emission unit covered by this application already constructed? If "yes", provide the date construction was completed:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Note: The Illinois EPA is unable to issue a construction permit for a emission unit that has already been constructed.	
37. Does the application include a narrative description of the proposed project?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
38. Does the application contain a list or summary that clearly identifies the emission units and air pollution control equipment that are part of the project?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
39. Does the application include process flow diagram(s) for the project showing new and modified emission units and control equipment and related existing equipment and their relationships?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
40. If the project is at a source that has not previously received a permit from the BOA, does the application include a source description, plot plan and site map?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Review Of Contents of the Application (continued)	
41. Does the application include relevant information for the proposed project as requested on Illinois EPA, BOA application forms (or otherwise contain all the relevant information)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
42. Does the application identify and address all applicable or potentially applicable emissions standards, including: a. State emission standards (35 IAC Chapter I, Subtitle B); b. Federal New Source Performance Standards (40 CFR Part 60); c. Federal standards for HAPs (40 CFR Parts 61 and 63)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
43. Does the application address whether the proposed project or the source could be a major project for Prevention of Significant Deterioration (PSD), 40 CFR 52.21?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
44. Does the application address for which pollutant(s) the proposed project or the source could be a major project for PSD, 40 CFR 52.21?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
45. Does the application address whether the proposed project or the source could be a major project for "Nonattainment New Source Review," (NA NSR), 35 IAC Part 203?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
46. Does the application address for which pollutant(s) the proposed project or the source could be a major project for NA NSR, 35 IAC Part 203?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
47. Does the application address whether the proposed project or the source could potentially be subject to federal Maximum Achievable Control Technology (MACT) standard under 40 CFR Part 63 for Hazardous Air Pollutants (HAP) and identify the standard that could be applicable?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A* * Source not major <input checked="" type="checkbox"/> Project not major <input checked="" type="checkbox"/>
48. Does the application identify the HAP(s) from the proposed project or the source that would trigger the applicability of a MACT standard under 40 CFR Part 63?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
49. Does the application include a summary of the current and the future potential emissions of the source after the proposed project has been completed for each criteria air pollutant and/or HAP (tons/year)?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A* * Applicability of PSD, NA NSR or 40 CFR 63 not applicable to the source's emissions.
50. Does the application include a summary of the requested permitted annual emissions of the proposed project for the new and modified emission units (tons/year)?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A* * Project does not involve an increase in emissions from new or modified emission units.
51. Does the application include a summary of the requested permitted production, throughput, fuel, or raw material usage limits that correspond to the annual emissions limits of the proposed project for the new and modified emission units?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A* * Project does not involve an increase in emissions from new or modified emission units.
52. Does the application include sample calculations or methodology for the emission estimations and the requested emission limits?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
53. Does the application address the relationships with and implications of the proposed project for the source's FESOP?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A* *FESOP not yet issued.
54. If the application contains information that is considered a TRADE SECRET, has such information been properly marked and claimed and other requirements to perfect such a claim been satisfied in accordance with 35 IAC Part 130?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A* * No information in the application is claimed to be a TRADE SECRET
Note: *Claimed information will not be legally protected from disclosure to the public if it is not properly claimed or does not qualify as trade secret information.	

Review Of Contents of the Application (continued)		
55. If the source is located in a county other than Cook County, are two separate copies of this application being submitted?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
56. If the source is located in Cook County, are three separate copies of this application being submitted?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
57. Does the application include a completed "FEE DETERMINATION FOR CONSTRUCTION PERMIT APPLICATION," Form 197-FEE, for the emission units and control equipment for which a permit for construction or modification is being sought?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
58. Does the application include a check in the proper amount for payment of the Construction permit fee?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No

Note: Answering "No" to Items 36 through 58 may result in the application being deemed incomplete.

Signature Block	
Pursuant to 35 IAC 201.159, all applications and supplements thereto shall be signed by the owner and operator of the source, or their authorized agent, and shall be accompanied by evidence of authority to sign the application. Applications without a signed certification will be deemed incomplete.	
59. Authorized Signature:	
I certify under penalty of law that, based on information and belief formed after reasonable inquiry, the statements and information contained in this application are true, accurate and complete and that I am a responsible official for the source, as defined by Section 39.5(1) of the Environmental Protection Act. In addition, the technical contact person identified above is authorized to submit (by hard copy and/or by electronic copy) any supplemental information related to this application that may be requested by the Illinois EPA.	
BY:  AUTHORIZED SIGNATURE	Terminal Manager
TYPED OR PRINTED NAME OF SIGNATORY Jim Simmons	TITLE OF SIGNATORY 2 04 10 DATE



ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
 DIVISION OF AIR POLLUTION CONTROL -- PERMIT SECTION
 P.O. BOX 18608
 SPRINGFIELD, ILLINOIS 62794-8506

FEE DETERMINATION FOR CONSTRUCTION PERMIT APPLICATION	<i>FOR AGENCY USE ONLY</i>	
	ID NUMBER:	
	PERMIT #:	
	COMPLETE <input type="checkbox"/>	DATE COMPLETE:
INCOMPLETE <input type="checkbox"/>		
CHECK #:	ACCOUNT NAME:	

THIS FORM IS TO BE USED BY ALL SOURCES TO SUPPLY FEE INFORMATION THAT MUST ACCOMPANY ALL CONSTRUCTION PERMIT APPLICATIONS. **THIS APPLICATION MUST INCLUDE PAYMENT IN FULL TO BE DEEMED COMPLETE.** MAKE CHECK OR MONEY ORDER PAYABLE TO THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY. SEND TO THE ADDRESS ABOVE. DO NOT SEND CASH. REFER TO INSTRUCTIONS (197-INST) FOR ASSISTANCE.

SOURCE INFORMATION		
1) SOURCE NAME: KCBX Terminals Company		
2) PROJECT NAME: moist. restriction removal	3) SOURCE ID NO. (IF APPLICABLE): 031800AH1	
4) CONTACT NAME: Christopher Bailey	5) CONTACT PHONE NUMBER: (773) 978-8518	

FEE DETERMINATION		
6) FILL IN THE FOLLOWING THREE BOXES AS DETERMINED IN SECTIONS 1 THROUGH 4 BELOW:		
\$ 0	+ \$ 2,000	= \$ 2,000
SECTION 1 SUBTOTAL	SECTION 2, 3 OR 4 SUBTOTAL	GRAND TOTAL

SECTION 1: STATUS OF SOURCE/PURPOSE OF SUBMITTAL	
7) YOUR APPLICATION WILL FALL UNDER ONLY ONE OF THE FOLLOWING SIX CATEGORIES DESCRIBED BELOW. CHECK THE BOX THAT APPLIES, ENTER THE CORRESPONDING FEE IN THE BOX TO THE RIGHT AND COPY THIS FEE INTO THE SECTION 1 SUBTOTAL BOX ABOVE. PROCEED TO APPLICABLE SECTIONS.	
FOR PURPOSES OF THIS FORM:	
<ul style="list-style-type: none"> • MAJOR SOURCE IS A SOURCE THAT IS REQUIRED TO OBTAIN A CAAPP PERMIT. • SYNTHETIC MINOR SOURCE IS A SOURCE THAT HAS TAKEN LIMITS ON POTENTIAL TO EMIT IN A PERMIT TO AVOID CAAPP PERMIT REQUIREMENTS (E.G., FESOP). • NON-MAJOR SOURCE IS A SOURCE THAT IS NOT A MAJOR OR SYNTHETIC MINOR SOURCE. 	
<input checked="" type="checkbox"/> EXISTING SOURCE WITHOUT STATUS CHANGE OR WITH STATUS CHANGE FROM SYNTHETIC MINOR TO MAJOR SOURCE OR VICE VERSA. ENTER \$0 AND PROCEED TO SECTION 2.	\$ 0 SECTION 1 SUBTOTAL
<input type="checkbox"/> EXISTING NON-MAJOR SOURCE THAT WILL BECOME SYNTHETIC MINOR OR MAJOR SOURCE. ENTER \$5,000 AND PROCEED TO SECTION 4.	
<input type="checkbox"/> EXISTING MAJOR OR SYNTHETIC MINOR SOURCE THAT WILL BECOME NON-MAJOR SOURCE. ENTER \$4,000 AND PROCEED TO SECTION 3.	
<input type="checkbox"/> NEW MAJOR OR SYNTHETIC MINOR SOURCE. ENTER \$5,000 AND PROCEED TO SECTION 4.	
<input type="checkbox"/> NEW NON-MAJOR SOURCE. ENTER \$500 AND PROCEED TO SECTION 3.	
<input type="checkbox"/> AGENCY ERROR. IF THIS IS A TIMELY REQUEST TO CORRECT AN ISSUED PERMIT THAT INVOLVES ONLY AN AGENCY ERROR AND IF THE REQUEST IS RECEIVED WITHIN THE DEADLINE FOR A PERMIT APPEAL TO THE POLLUTION CONTROL BOARD, THEN ENTER \$0. SKIP SECTIONS 2, 3 AND 4. PROCEED DIRECTLY TO SECTION 6.	

SECTION 2: SPECIAL CASE FILING FEE	
8) FILING FEE. IF THE APPLICATION ONLY ADDRESSES ONE OR MORE OF THE FOLLOWING, CHECK THE APPROPRIATE BOXES, ENTER \$500 IN THE SECOND BOX UNDER FEE DETERMINATION ABOVE, SKIP SECTIONS 3 AND 4 AND PROCEED DIRECTLY TO SECTION 6. OTHERWISE, PROCEED TO SECTION 3 OR 4, AS APPROPRIATE.	
<input type="checkbox"/> ADDITION OR REPLACEMENT OF CONTROL DEVICES ON PERMITTED UNITS <input type="checkbox"/> PILOT PROJECTS/TRIAL BURNS BY A PERMITTED UNIT <input type="checkbox"/> APPLICATIONS ONLY INVOLVING INSIGNIFICANT ACTIVITIES UNDER 35 IAC 201.210 (MAJOR SOURCES ONLY) <input type="checkbox"/> LAND REMEDIATION PROJECTS <input type="checkbox"/> REVISIONS RELATED TO METHODOLOGY OR TIMING FOR EMISSION TESTING <input type="checkbox"/> MINOR ADMINISTRATIVE-TYPE CHANGE TO A PERMIT	

THIS AGENCY IS AUTHORIZED TO REQUIRE AND YOU MUST DISCLOSE THIS INFORMATION UNDER 416 ILCS 5/39. FAILURE TO DO SO COULD RESULT IN THE APPLICATION BEING DENIED AND PENALTIES UNDER 416 ILCS 5 ET SEQ. IT IS NOT NECESSARY TO USE THIS FORM IN PROVIDING THIS INFORMATION. THIS FORM HAS BEEN APPROVED BY THE FORMS MANAGEMENT CENTER.

APPLICATION PAGE 1.00

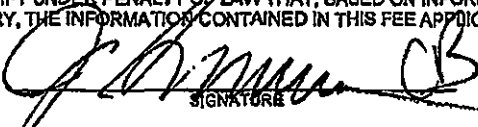
Printed on Recycled Paper
197-FEE

Page 1 of 2

KCBX000149

SECTION 3: FEES FOR CURRENT OR PROJECTED NON-MAJOR SOURCES	
9) IF THIS APPLICATION CONSISTS OF A SINGLE NEW EMISSION UNIT OR NO MORE THAN TWO MODIFIED EMISSION UNITS, ENTER \$500.	9)
10) IF THIS APPLICATION CONSISTS OF MORE THAN ONE NEW EMISSION UNIT OR MORE THAN TWO MODIFIED UNITS, ENTER \$1,000.	10)
11) IF THIS APPLICATION CONSISTS OF A NEW SOURCE OR EMISSION UNIT SUBJECT TO SECTION 39.2 OF THE ACT (I.E., LOCAL SITING REVIEW); A COMMERCIAL INCINERATOR OR A MUNICIPAL WASTE, HAZARDOUS WASTE, OR WASTE TIRE INCINERATOR; A COMMERCIAL POWER GENERATOR; OR AN EMISSION UNIT DESIGNATED AS A COMPLEX SOURCE BY AGENCY RULEMAKING, ENTER \$15,000.	11)
12) IF A PUBLIC HEARING IS HELD (SEE INSTRUCTIONS), ENTER \$10,000.	12)
13) SECTION 3 SUBTOTAL (ADD LINES 9 THROUGH 12) TO BE ENTERED ON PAGE 1.	13)

SECTION 4: FEES FOR CURRENT OR PROJECTED MAJOR OR SYNTHETIC MINOR SOURCES			
Application Contains Modified Emission Units Only	14) FOR THE FIRST MODIFIED EMISSION UNIT, ENTER \$2,000.	14)	2000
	15) NUMBER OF ADDITIONAL MODIFIED EMISSION UNITS = _____ X \$1,000.	15)	
	16) LINE 14 PLUS LINE 15, OR \$5,000, WHICHEVER IS LESS.	16)	2000
Application Contains New And/Or Modified Emission Units	17) FOR THE FIRST NEW EMISSION UNIT, ENTER \$4,000.	17)	
	18) NUMBER OF ADDITIONAL NEW AND/OR MODIFIED EMISSION UNITS = _____ X \$1,000.	18)	
	19) LINE 17 PLUS LINE 18, OR \$10,000, WHICHEVER IS LESS.	19)	0
Application Contains Netting Exercise	20) NUMBER OF INDIVIDUAL POLLUTANTS THAT RELY ON A NETTING EXERCISE OR CONTEMPORANEOUS EMISSIONS DECREASE TO AVOID APPLICATION OF PSD OR NONATTAINMENT NSR = _____ X \$3,000.	20)	0
Additional Supplemental Fees	21) IF THE NEW SOURCE OR EMISSION UNIT IS SUBJECT TO SECTION 39.2 OF THE ACT (I.E., SITING); A COMMERCIAL INCINERATOR OR OTHER MUNICIPAL WASTE, HAZARDOUS WASTE, OR WASTE TIRE INCINERATOR; A COMMERCIAL POWER GENERATOR; OR ONE OR MORE OTHER EMISSION UNITS DESIGNATED AS A COMPLEX SOURCE BY AGENCY RULEMAKING, ENTER \$25,000.	21)	0
	22) IF THE SOURCE IS A NEW MAJOR SOURCE SUBJECT TO PSD, ENTER \$12,000.	22)	0
	23) IF THE PROJECT IS A MAJOR MODIFICATION SUBJECT TO PSD, ENTER \$6,000.	23)	0
	24) IF THIS IS A NEW MAJOR SOURCE SUBJECT TO NONATTAINMENT (NAA) NSR, ENTER \$20,000.	24)	0
	25) IF THIS IS A MAJOR MODIFICATION SUBJECT TO NAA NSR, ENTER \$12,000.	25)	0
	26) IF APPLICATION INVOLVES A DETERMINATION OF CLEAN UNIT STATUS AND THEREFORE IS NOT SUBJECT TO BACT OR LAER, ENTER \$5,000 PER UNIT FOR WHICH A DETERMINATION IS REQUESTED OR OTHERWISE REQUIRED. _____ X \$5,000.	26)	0
	27) IF APPLICATION INVOLVES A DETERMINATION OF MACT FOR A POLLUTANT AND THE PROJECT IS NOT SUBJECT TO BACT OR LAER FOR THE RELATED POLLUTANT UNDER PSD OR NSR (E.G., VOM FOR ORGANIC HAP), ENTER \$5,000 PER UNIT FOR WHICH A DETERMINATION IS REQUESTED OR OTHERWISE REQUIRED. _____ X \$5,000.	27)	0
	28) IF A PUBLIC HEARING IS HELD (SEE INSTRUCTIONS), ENTER \$10,000.	28)	0
29) SECTION 4 SUBTOTAL (ADD LINES 16 AND LINES 19 THROUGH 28) TO BE ENTERED ON PAGE 1.	29)	2000	

SECTION 5: CERTIFICATION	
NOTE: APPLICATIONS WITHOUT A SIGNED CERTIFICATION WILL BE DEEMED INCOMPLETE.	
30) I CERTIFY UNDER PENALTY OF LAW THAT, BASED ON INFORMATION AND BELIEF FORMED AFTER REASONABLE INQUIRY, THE INFORMATION CONTAINED IN THIS FEE APPLICATION FORM IS TRUE, ACCURATE AND COMPLETE.	
BY: 	Terminal Manager
SIGNATURE	TITLE OF SIGNATORY
Jim Simmons	2, 04, 10
TYPED OR PRINTED NAME OF SIGNATORY	DATE

**Potential Annual PM and PM₁₀ Emission Rates
KCBX Terminals Company - Chicago, IL**

NOTE: The purpose of this calculation is only to demonstrate that the site can operate as a minor source. It IS NOT intended to establish limits on any parameters or modes of operation. Variables in this spreadsheet (including drop points, drop point throughputs, moisture content, emission factors, operating hours, and all other variables) are not intended to establish limits and are subject to change based on actual operations and as new or better information become available. Although the details in this spreadsheet may change over time, the basic concepts of emission estimating methodology will be retained.

Operating Mode: Wetted & Blended Material Handling				PM		PM ₁₀		Emission Factor Source
7.50	% Minimum Moisture (example only)	Annual	No. of	Emission	Annual	Emission	Annual	
17.25	MMtons/year Annual Throughput (example)	Throughput		Factor	Emissions	Factor	Emissions	
Worst Cases of 19 Material Handling Scenarios ¹				lb/drop	ton/yr	lb/drop	ton/yr	
Scenario 4	Material Transfer	17,250,000	18	0.000916	142	0.000433	67.29	AP-42, Chapter 13.2.4, Aggregate Handling and Storage Piles (uncontrolled) (11/06)
Scenario 15	Screening (300 tph capacity) ²	2,628,000	1	0.0022	2.89	0.00074	0.97	AP-42, Chapter 11.19.2, Crushed Stone Processing (controlled with water) (8/04)
Scenario 16	Crushing (150 tph capacity) ³	1,314,000	1	0.0012	0.79	0.00054	0.35	AP-42, Chapter 11.19.2, Crushed Stone Processing (controlled with water) (8/04)
Subtotal from Wetted & Blended Material Handling =					145.95		68.62	

Operating Mode: Dry Material Receiving				PM		PM ₁₀		Emission Factor Source
0.50	% Minimum Moisture (example only)	Annual	No. of	Emission	Annual	Emission	Annual	
0.30	MMtons/year Annual Throughput (example)	Throughput		Factor	Emissions	Factor	Emissions	
Worst Cases of 19 Material Handling Scenarios ¹				lb/drop	ton/yr	lb/drop	ton/yr	
Scenario 4	Material Transfer	300,000	2	0.0406	12	0.0192	5.76	AP-42, Chapter 13.2.4, Aggregate Handling and Storage Piles (uncontrolled) (11/06)
Subtotal from Dry Material Handling =					12.18		5.76	

Operating Mode: Storage Piles				PM		PM ₁₀		Emission Factor Source
Worst Case Scenarios	Acres	Months per year	Total	Emission	Annual	Emission	Annual	
				Factor	Emissions	Factor	Emissions	
Scenario 20	Active storage pile	3.5	12	1,000	21.00	480	10.08	AP-42, Chapter 11.9, Western Surface Coal Mining (controlled with water) (07/98)
Scenario 21	Inactive storage piles	35	12	16	3.36	7.5	1.58	AP-42, Chapter 11.9, Western Surface Coal Mining (controlled with water) (07/98)
Subtotal from Storage Piles =					24.36		11.66	

Operating Mode: Combustion Sources				PM		PM ₁₀		Emission Factor Source
(Note the 396 kW Generator was removed from service)				Emission	Annual	Emission	Annual	
Worst Case Emissions Limited by NOx Emissions ³	Annual Fuel Use	Generator Operation	Total	Factor	Emissions	Factor	Emissions	
Scenario 24	2 x 760 Hp Generators ³		5,250	0.53	1.39	0.44	1.16	AP-42, Chapter 3.4, Large Diesel Engines (10/96)
	Gasoline engines (non-mobile)	50,000		0.013	0.33	0.013	0.33	AP-42, Chapter 3.3, Gasoline and Diesel Industrial Engines (10/96)
	Other diesel and kerosene fired sources ⁴	50,000		0.042	1.05	0.042	1.05	AP-42, Chapter 3.3, Gasoline and Diesel Industrial Engines (10/96)
Subtotal from Combustion =					2.77		2.53	

Operating Mode: Vehicle Traffic				PM		PM ₁₀		Emission Factor Source
Worst Case Scenarios ²	Trips per year	Trip Distance	miles/trip	Emission	Annual	Emission	Annual	
				Factor	Emissions	Factor	Emissions	
Scenario 22	Fugitive dust from vehicles	30,000	0.60	2.7	24.30	0.70	6.30	AP-42, Chapter 13.2.2, Unpaved Roads (Controlled with water) (11/06)
Subtotal from Vehicles =					24.30		6.30	

Totals⁵					209.6		94.9	
---------------------------	--	--	--	--	--------------	--	-------------	--

Notes and Assumptions:

- Material Handling throughput is calculated based on the 95 ton PM₁₀/year facility wide limit. Actual material handling may be more or less based on the number of transfer points and actual moisture content.
- Vehicle Traffic emissions and emissions from crushing and screening assume water is routinely applied to roads and bulk material
- Generators are limited to 5,250 hours of operation per year because at that level, NO_x emissions = 100 tpy when combined with other combustion sources.
- Emissions from "Other diesel and kerosene fired sources" are based on 50,000 gal/yr of fuel burned. Note that some small diesel and kerosene combustion units are external combustion units (i.e. space heaters). The emission factor for external combustion units, 2 lb PM/1,000 gallon (or 0.002 lb/gal), is much less than the one used here (see AP-42 Table 1.3-1).
- Limit requested in FESOP condition 10.a = 95 ton PM₁₀ per year

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IOL SOLVENT RACK

519 339 5914 P.01



Product Name: Petroleum Coke
Revision Date: 25Sep2008
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MATERIAL SAFETY DATA SHEET

SECTION 1 PRODUCT AND COMPANY IDENTIFICATION

PRODUCT

Product Name: Petroleum Coke
Product Description: Petroleum Coke
MSDS Number: 5313
Intended Use: Fuel

COMPANY IDENTIFICATION

Supplier: Imperial Oil Products Division
240 4th Avenue
Calgary, ALBERTA, T2P 3M9 Canada
24 Hour Environmental / Health Emergency Telephone 519-339-2145
Transportation Emergency Phone Number 519-339-2145
Product Technical Information 1-800-268-3183
Supplier General Contact 1-800-667-3776

SECTION 2 COMPOSITION / INFORMATION ON INGREDIENTS

No Reportable Hazardous Substance(s) or Complex Substance(s).

SECTION 3 HAZARDS IDENTIFICATION

This material is not considered to be hazardous according to regulatory guidelines see Section 15.

PHYSICAL/CHEMICAL EFFECTS

High dust levels may create potential for explosion. Material can accumulate static charge which may cause an incendiary electrical discharge.

HEALTH EFFECTS

Low order of toxicity. Dust may be irritating to eyes and respiratory tract. Under normal conditions of intended use, this material does not pose a risk to health.

NFPA Hazard ID:	Health: 1	Flammability: 1	Reactivity: 0
HMS Hazard ID:	Health: 1	Flammability: 1	Reactivity: 0

Note: This material should not be used for any other purpose than the intended use in Section 1 without expert advice. Health studies have shown that chemical exposure may cause potential human health risks which may vary from person to person.

SECTION 4 FIRST AID MEASURES

INHALATION

Remove from further exposure. For those providing assistance, avoid exposure to yourself or others. Use adequate respiratory protection. If respiratory irritation, dizziness, nausea, or unconsciousness occurs, seek immediate medical assistance. If breathing has stopped, assist ventilation with a mechanical device or use

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Product Name: Petroleum Coke
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mouth-to-mouth resuscitation.

SKIN CONTACT

Wash contact areas with soap and water. Remove contaminated clothing. Launder contaminated clothing before reuse.

EYE CONTACT

Flush thoroughly with water. If irritation occurs, get medical assistance.

INGESTION

First aid is normally not required. Seek medical attention if discomfort occurs.

SECTION 5 FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA

Appropriate Extinguishing Media: Use water fog, foam, dry chemical or carbon dioxide (CO₂) to extinguish flames.

Inappropriate Extinguishing Media: Straight streams of water

FIRE FIGHTING

Fire Fighting Instructions: Evacuate area. Prevent run-off from fire control or dilution from entering streams, sewers or drinking water supply. Fire-fighters should use standard protective equipment and in enclosed spaces, self-contained breathing apparatus (SCBA). Use water spray to cool fire exposed surfaces and to protect personnel.

Unusual Fire Hazards: High dust levels may create potential for explosion.

Hazardous Combustion Products: Oxides of carbon, Aldehydes, Sulphur Oxides, Smoke, Fume, Incomplete combustion products

FLAMMABILITY PROPERTIES

Flash Point (Method): >93C (200F) (Open Cup)

Flammable Limits (Approximate volume % in air): LEL: N/A UEL: N/A

Autoignition Temperature: N/D

SECTION 6 ACCIDENTAL RELEASE MEASURES

NOTIFICATION PROCEDURES

In the event of a spill or accidental release, notify relevant authorities in accordance with all applicable regulations.

SPILL MANAGEMENT

Land Spill: Use clean non-sparking tools to collect material and place it into loosely covered plastic containers for later disposal. Prevent dust cloud.

Water Spill: Stop leak if you can do so without risk. Material will sink. Consult an expert. No immediate

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action required.

Water spill and land spill recommendations are based on the most likely spill scenario for this material; however, geographic conditions, wind, temperature, (and in the case of a water spill) wave and current direction and speed may greatly influence the appropriate action to be taken. For this reason, local experts should be consulted. Note: Local regulations may prescribe or limit action to be taken.

ENVIRONMENTAL PRECAUTIONS

Prevent entry into waterways, sewers, basements or confined areas. For Large Spills: Cover spill with plastic sheet or tarpaulin to minimize spreading.

SECTION 7: HANDLING AND STORAGE

HANDLING

Avoid conditions which create dust. Avoid breathing material. Eliminate all ignition sources (no smoking, flares, sparks or flames in immediate area). Avoid contact with eyes. Use non-sparking tools and explosion-proof equipment. Prevent small spills and leakage to avoid slip hazard. Material can accumulate static charges which may cause an electrical spark (ignition source).

Static Accumulator: This material is a static accumulator.

Storage

Store in a cool, dry place with adequate ventilation. Keep away from incompatible materials, open flames and high temperatures. Do not store in open or unlabelled containers.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Substance Name	Form	Limit/Standard	Note	Source
COKE (PETROLEUM) [as V208]		TWA 0.05 mg/m3		Supplier
COKE (PETROLEUM)	Respirable fraction.	TWA 2 mg/m3		Supplier

NOTE: Limits/standards shown for guidance only. Follow applicable regulations.

ENGINEERING CONTROLS

The level of protection and types of controls necessary will vary depending upon potential exposure conditions. Control measures to consider:
 Ventilate as needed to control airborne dust. Use explosion proof ventilation equipment if airborne dust levels are high.

PERSONAL PROTECTION

Personal protective equipment selections vary based on potential exposure conditions such as applications, handling practices, concentration and ventilation. Information on the selection of protective equipment for use with this material, as provided below, is based upon intended, normal usage.

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Respiratory Protection: If engineering controls do not maintain airborne contaminant concentrations at a level which is adequate to protect worker health, an approved respirator may be appropriate. Respirator selection, use, and maintenance must be in accordance with regulatory requirements, if applicable. Types of respirators to be considered for this material include:

Particulate air-purifying respirator approved for dust or oil mist is recommended.

For high airborne concentrations, use an approved supplied-air respirator, operated in positive pressure mode. Supplied air respirators with an escape bottle may be appropriate when oxygen levels are inadequate, gas/vapour warning properties are poor, or if air purifying filter capacity/rating may be exceeded.

Hand Protection: Any specific glove information provided is based on published literature and glove manufacturer data. Glove suitability and breakthrough time will differ depending on the specific use conditions. Contact the glove manufacturer for specific advice on glove selection and breakthrough times for your use conditions. Inspect and replace worn or damaged gloves. The types of gloves to be considered for this material include:

If prolonged or repeated contact is likely, chemical-resistant gloves are recommended. If contact with forearms is likely, wear gauntlet-style gloves.

Eye Protection: If contact is likely, safety glasses with side shields are recommended. If dusty conditions exist, chemical goggles are recommended.

Skin and Body Protection: Any specific clothing information provided is based on published literature or manufacturer data. The types of clothing to be considered for this material include:

If prolonged or repeated contact is likely, chemical, and oil resistant clothing is recommended.

Specific Hygiene Measures: Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Discard contaminated clothing and footwear that cannot be cleaned. Practice good housekeeping.

ENVIRONMENTAL CONTROLS

See Sections 6, 7, 12, 13.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Typical physical and chemical properties are given below. Consult the Supplier in Section 1 for additional data.

GENERAL INFORMATION

Physical State: Solid
Colour: black
Odour: Characteristic
Odour Threshold: N/D

IMPORTANT HEALTH, SAFETY, AND ENVIRONMENTAL INFORMATION

Relative Density (at 15 C): 1.5
Flash Point (Method): >93C (200F) [Open Cup]
Flammability Limits (Approximate volume % in air): LEL: N/A UEL: N/A
Autoignition Temperature: N/D
Boiling Point / Range: N/A
Vapour Density (Air = 1): N/D
Vapour Pressure: < 0.013 kPa (0.1 mm Hg) at 20°C

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Evaporation Rate (N-Butyl Acetate = 1): N/D
 pH: N/A
 Log Pow (n-Octanol/Water Partition Coefficient): > 6
 Solubility in Water: Negligible
 Viscosity: N/A
 Oxidizing properties: See Sections 3, 15, 16.

OTHER INFORMATION

Freezing Point: N/A
 Melting Point: N/A

SECTION 10: STABILITY AND REACTIVITY

STABILITY: Material is stable under normal conditions.

CONDITIONS TO AVOID: Excessive heat. High dust concentrations., Heat, sparks, flame, and build up of static electricity.

MATERIALS TO AVOID: Strong oxidizers

HAZARDOUS DECOMPOSITION PRODUCTS: Material does not decompose at ambient temperatures.

HAZARDOUS POLYMERIZATION: Will not occur.

SECTION 11: TOXICOLOGICAL INFORMATION

Acute Toxicity

Route of Exposure	Conclusion / Remarks
INHALATION	
Toxicity (Rat): LC50 > 5000 mg/m ³	Minimally Toxic. Based on test data for structurally similar materials.
Irritation: No end point data.	Negligible hazard at ambient/normal handling temperatures.
INGESTION	
Toxicity (Rat): LD50 > 2000 mg/kg	Minimally Toxic. Based on test data for structurally similar materials.
Skin	
Toxicity (Rabbit): LD50 > 3100 mg/kg	Minimally Toxic. Based on test data for structurally similar materials.
Irritation: No end point data.	Negligible irritation to skin at ambient temperatures.
Eye	
Irritation: No end point data.	May cause mild, short-lasting discomfort to eyes.

CHRONIC/OTHER EFFECTS

For the product itself:

Coke dust: Not carcinogenic in inhalation and dermal animal tests. Two year animal inhalation studies at high concentrations of coke dust showed accumulation of particles in lungs and inflammatory changes. Did not cause mutations in-vitro.

Additional information is available by request.

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Product Name: Petroleum Coke
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CMR Status: None.

-REGULATORY LISTS SEARCHED-

1 = IARC 1
2 = IARC 2A

3 = IARC 2B
4 = ACGIH ALL

5 = ACGIH A1
6 = ACGIH A2

SECTION 12 : : : : : ECOLOGICAL INFORMATION

The information given is based on data available for the material, the components of the material, and similar materials.

ECOTOXICITY

Material -- Not expected to be harmful to aquatic organisms.
Material -- Not expected to demonstrate chronic toxicity to aquatic organisms.

MOBILITY

Material -- Low water solubility, expected to sink and migrate into the sediment. Expected to partition to sediment and wastewater solids.

PERSISTENCE AND DEGRADABILITY

Biodegradation:

Material -- Expected to be persistent.

BIOACCUMULATION POTENTIAL

Material -- Has the potential to bioaccumulate, however metabolism or physical properties may reduce the bioconcentration or limit bioavailability.

SECTION 13 : : : : : DISPOSAL CONSIDERATIONS

Disposal recommendations based on material as supplied. Disposal must be in accordance with current applicable laws and regulations, and material characteristics at time of disposal.

DISPOSAL RECOMMENDATIONS

Dispose of waste at an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

REGULATORY DISPOSAL INFORMATION

Empty Container Warning Empty Container Warning (where applicable): Empty containers may contain residue and can be dangerous. Do not attempt to refill or clean containers without proper instructions. Empty drums should be completely drained and safely stored until appropriately reconditioned or disposed. Empty containers should be taken for recycling, recovery, or disposal through suitably qualified or licensed contractor and in accordance with governmental regulations. **DO NOT PRESSURISE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND, OR EXPOSE SUCH CONTAINERS TO HEAT, FLAME, SPARKS, STATIC ELECTRICITY, OR OTHER SOURCES OF IGNITION. THEY MAY EXPLODE AND CAUSE INJURY OR DEATH.**

SECTION 14 : : : : : TRANSPORT INFORMATION

LAND (TDG) : Not Regulated for Land Transport

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Product Name: Petroleum Coke
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LAND (DOT) : Not Regulated for Land Transport

SEA (IMDG) : Not Regulated for Sea Transport according to IMDG-Code

AIR (IATA) : Not Regulated for Air Transport

SECTION 15 REGULATORY INFORMATION

WHMIS Classification: Not controlled

This product has been classified in accordance with hazard criteria of the Controlled Products Regulations and the (M)SDS contains all the information required by the Controlled Products Regulations.

CEPA: All components of this material are either on the Canadian Domestic Substances List (DSL), exempt, or have been notified under CEPA.

NATIONAL CHEMICAL INVENTORY LISTING: DSL, TSCA

The Following Ingredients are Cited on the Lists Below: None.

--REGULATORY LISTS SEARCHED--

- | | | |
|--------------|-------------|--------------|
| 1 = TSCA 4 | 3 = TSCA 5e | 5 = TSCA 12b |
| 2 = TSCA 5e2 | 4 = TSCA 6 | 6 = NPRI |

SECTION 16 OTHER INFORMATION

N/D = Not determined, N/A = Not applicable

THIS SAFETY DATA SHEET CONTAINS THE FOLLOWING REVISIONS:

No revision information is available.

WHMIS Classification: Not controlled

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IOL SOLVENT RACK

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Product Name: Petroleum Coke
Revision Date: 26Sep2008
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DGN: 5005366 (10:2010)

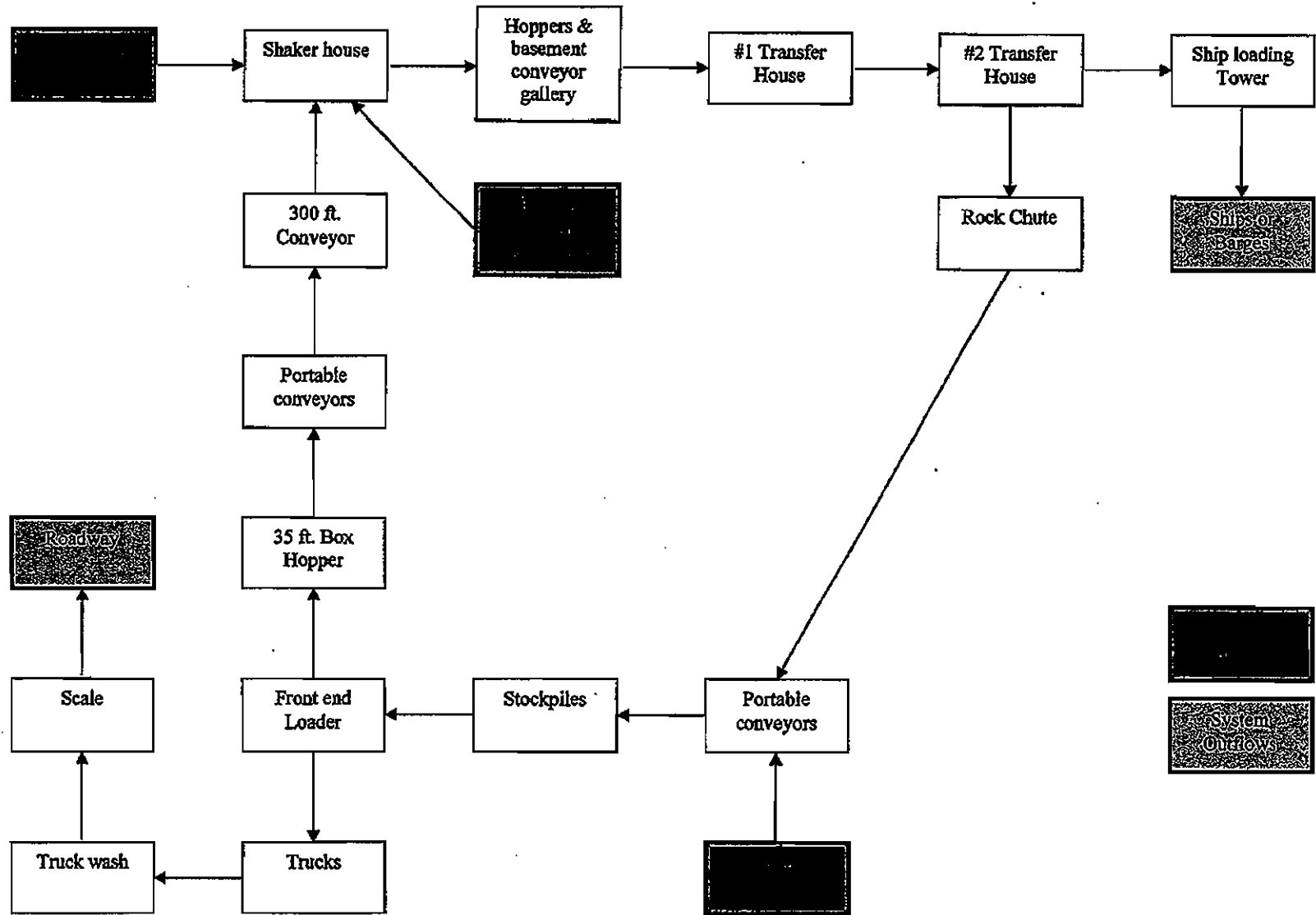
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Prepared By: Imperial Oil Limited, IH and Product Safety

TOTAL P.08

KCBX000159

KCBX TERMINALS CO. INBOUND RAIL Process Flow Chart



KCBX000160



KOCH MINERALS, LLC
P O Box 2219
Wichita, KS 67201-2219
1-316-828-7408

Vendor No.
-16964

Check Total
USD\$2,000.00

Check No. 102870
Check Date 2/5/2010

Invoice Number	Date	Gross Amount	Discount	Net Amount	Encl Description
020410KCBX	2/4/2010	USD\$2,000.00	USD\$0.00	USD\$2,000.00	

DETACH AND RETAIN THIS STATEMENT AS YOUR RECORD OF PAYMENT

SECURITY WARNING: THE FACE OF THIS DOCUMENT FEATURES A COLORED BACKGROUND AND MICROPRINT BORDERS - THE REVERSE SIDE FEATURES ARTIFICIAL WATERMARKS



KOCH MINERALS, LLC
P O Box 2219
Wichita, KS 67201-2219
1-316-828-7408

JP Morgan Chase Bank
Syracuse, NY 13206

1-937
213

Check No.
102870

Friday, February 05, 2010

EXACTLY \$2,000.00
TWO ZERO ZERO ZERO CTS

USD\$2,000.00


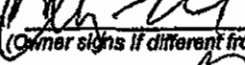

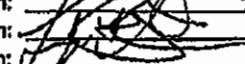
To: Illinois Environmental Protection Agency
The Division of Air Pollution Control Permit Section
Order P O Box 19506
Of Springfield, IL 62794-9506

KOCH MINERALS, LLC
VOID 120 DAYS AFTER DATE OF CHECK

PER *[Signature]*
PER *[Signature]*

⑈0102870⑈ ⑆021309379⑆ 601⑈8⑈48195⑈

COMPLIANCE DOCUMENT QUALITY ASSURANCE REVIEW FORM

1	Document Name: <u>Response to Notice of Incompleteness for a construction permit application</u> Document Level: <input checked="" type="checkbox"/> A <input type="checkbox"/> B <input type="checkbox"/> C Reason for Submittal: <u>to potentially handle fluid coke or other low-moisture bulk solid products</u> Due Date: <u>Feb 1, 2010</u>
2	Responsible Official: <u>Jim Simmons</u> R.O. Authorized: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No By: <u>Pat Baldwin</u> Date: <u>2005-06-01</u>
3	Document Preparer: <u>Terry Steinert</u> Sign:  Date: <u>1-27-2010</u> Document Owner: <u>Chris Bailey</u> Sign:  Date: <u>2-4-10</u> (Owner signs if different from Preparer) Qualified Reviewers (may be more than one): <input checked="" type="checkbox"/> Legal (A) Name: <u>Tom Safley</u> Sign:  Date: <u>2-2-10</u> <input type="checkbox"/> Compliance Director (A) Name: _____ Sign: _____ Date: _____ <input checked="" type="checkbox"/> Compliance Manager (A, B) Name: <u>Terry Steinert</u> Sign:  Date: <u>2010-01-27</u> <input type="checkbox"/> Other Employee (C) Name: _____ Sign: _____ Date: _____ <input type="checkbox"/> Third Party Name: _____ Sign: _____ Date: _____ <input type="checkbox"/> VP / Business Leader Name: _____ Sign: _____ Date: _____ <input type="checkbox"/> Other Name: _____ Sign: _____ Date: _____
4	Non-compliance, reportable or anomaly: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If no, then skip to Section 5 Agency Notified: <input type="checkbox"/> Yes <input type="checkbox"/> No Agency: _____ Describe: _____ LYNX Tracking No. _____
5	Document, supporting information and QA Form filed to: Facility Files: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Stellant: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Retention Code: <u>EHS95</u>
6	Remarks: _____ _____ _____ _____

From: Bailey, Christopher
Sent: Tuesday, March 02, 2010 11:37 AM
To: 'George.Kennedy@illinois.gov'
Cc: Steinert, Terry
Subject: Fluid Coke

Attachments: DOC001.pdf

Mr. Kennedy;

In response to our telephone conversation on Thursday February 25th, following is a description of fluid coke.

As you know, KCBX Terminals Co. has historically handled green delayed petroleum coke and now wishes to handle lesser amounts of fluid coke. Chemically, fluid coke is virtually the same product as green delayed petroleum coke. The coking processes that produce fluid coke and green delayed petroleum coke are different. Green delayed petroleum coke is removed from the coker with large amounts of water, causing the coke to be infused with and maintain moisture content in the general range of 9-12%. Water is not used to remove fluid coke from the coker, resulting in a product with substantially lower moisture content, usually in the range of 0-1%. Fluid coke is also much smaller in size than green delayed petroleum coke, resembling a pulverized form of green delayed coke. An MSDS for fluid coke is included for your review. If you have any further questions regarding this matter, please do not hesitate to give me a call at 312-208-9879.



DOC001.pdf (325
KB)

Christopher Bailey
EHS Manager
KCBX Chicago

JAN-28-2010 07:34

IDL SOLVENT RACK

519 339 5914 P.01



Product Name: Petroleum Coke
 Revision Date: 25Sep2008
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MATERIAL SAFETY DATA SHEET

SECTION 1 PRODUCT AND COMPANY IDENTIFICATION

PRODUCT

Product Name: Petroleum Coke
 Product Description: Petroleum Coke
 MSDS Number: 5313
 Intended Use: Fuel

COMPANY IDENTIFICATION

Supplier: Imperial Oil Products Division
 240 4th Avenue
 Calgary, ALBERTA, T2P 3M9 Canada
 24 Hour Environmental / Health Emergency 519-339-2145
 Telephone
 Transportation Emergency Phone Number 519-339-2145
 Product Technical Information 1-800-268-3183
 Supplier General Contact 1-800-687-3776

SECTION 2 COMPOSITION / INFORMATION ON INGREDIENTS

No Reportable Hazardous Substance(s) or Complex Substance(s).

SECTION 3 HAZARDS IDENTIFICATION

This material is not considered to be hazardous according to regulatory guidelines see Section 15.

PHYSICAL/CHEMICAL EFFECTS

High dust levels may create potential for explosion. Material can accumulate static charges which may cause an incendiary electrical discharge.

HEALTH EFFECTS

Low order of toxicity. Dust may be irritating to eyes and respiratory tract. Under normal conditions of intended use, this material does not pose a risk to health.

NFPA Hazard ID:	Health: 1	Flammability: 1	Reactivity: 0
HMIS Hazard ID:	Health: 1	Flammability: 1	Reactivity: 0

Note: This material should not be used for any other purpose than the intended use in Section 1 without expert advice. Health studies have shown that chemical exposure may cause potential human health risks which may vary from person to person.

SECTION 4 FIRST AID MEASURES

INHALATION

Remove from further exposure. For those providing assistance, avoid exposure to yourself or others. Use adequate respiratory protection. If respiratory irritation, dizziness, nausea, or unconsciousness occurs, seek immediate medical assistance. If breathing has stopped, assist ventilation with a mechanical device or use

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Product Name: Petroleum Coke
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mouth-to-mouth resuscitation.

SKIN CONTACT

Wash contact areas with soap and water. Remove contaminated clothing. Launder contaminated clothing before reuse.

EYE CONTACT

Flush thoroughly with water. If irritation occurs, get medical assistance.

INGESTION

First aid is normally not required. Seek medical attention if discomfort occurs.

SECTION 5 FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA

Appropriate Extinguishing Media: Use water fog, foam, dry chemical or carbon dioxide (CO₂) to extinguish flames.

Inappropriate Extinguishing Media: Straight streams of water

FIRE FIGHTING

Fire Fighting Instructions: Evacuate area. Prevent run-off from fire control or dilution from entering streams, sewers or drinking water supply. Fire-fighters should use standard protective equipment and in enclosed spaces, self-contained breathing apparatus (SCBA). Use water spray to cool fire exposed surfaces and to protect personnel.

Unusual Fire Hazards: High dust levels may create potential for explosion.

Hazardous Combustion Products: Oxides of carbon, Aldehydes, Sulphur Oxides, Smoke, Fume, Incomplete combustion products

FLAMMABILITY PROPERTIES

Flash Point (Method): >93C (200F) (Open Cup)

Flammable Limits (Approximate volume % in air): LEL: N/A UEL: N/A

Autoignition Temperature: N/D

SECTION 6 ACCIDENTAL RELEASE MEASURES

NOTIFICATION PROCEDURES

In the event of a spill or accidental release, notify relevant authorities in accordance with all applicable regulations.

SPILL MANAGEMENT

Land Spill: Use clean non-sparking tools to collect material and place it into loosely covered plastic containers for later disposal. Prevent dust cloud.

Water Spill: Stop leak if you can do so without risk. Material will sink. Consult an expert. No immediate

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action required.

Water spill and land spill recommendations are based on the most likely spill scenario for this material; however, geographic conditions, wind, temperature, (and in the case of a water spill) wave and current direction and speed may greatly influence the appropriate action to be taken. For this reason, local experts should be consulted. Note: Local regulations may prescribe or limit action to be taken.

ENVIRONMENTAL PRECAUTIONS

Prevent entry into waterways, sewers, basements or confined areas. For Large Spills: Cover spill with plastic sheet or tarpaulin to minimise spreading.

SECTION 7: HANDLING AND STORAGE

HANDLING

Avoid conditions which create dust. Avoid breathing material. Eliminate all ignition sources (no smoking, flares, sparks or flames in immediate area). Avoid contact with eyes. Use non-sparking tools and explosion-proof equipment. Prevent small spills and leakage to avoid slip hazard. Material can accumulate static charges which may cause an electrical spark (ignition source).

Static Accumulator: This material is a static accumulator.

Storage

Store in a cool, dry place with adequate ventilation. Keep away from incompatible materials, open flames and high temperatures. Do not store in open or unlabelled containers.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Substance Name	Form	Limit/Standard		Notes	Source
COKE (PETROLEUM) [as V206]		TWA	0.05 mg/m3		Supplier
COKE (PETROLEUM)	Respirable fraction.	TWA	2 mg/m3		Supplier

NOTE: Limits/standards shown for guidance only. Follow applicable regulations.

ENGINEERING CONTROLS

The level of protection and types of controls necessary will vary depending upon potential exposure conditions. Control measures to consider:
 Ventilate as needed to control airborne dust. Use explosion proof ventilation equipment if airborne dust levels are high.

PERSONAL PROTECTION

Personal protective equipment selections vary based on potential exposure conditions such as applications, handling practices, concentration and ventilation. Information on the selection of protective equipment for use with this material, as provided below, is based upon intended, normal usage.



Product Name: Petroleum Coke
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Respiratory Protection: If engineering controls do not maintain airborne contaminant concentrations at a level which is adequate to protect worker health, an approved respirator may be appropriate. Respirator selection, use, and maintenance must be in accordance with regulatory requirements, if applicable. Types of respirators to be considered for this material include:

Particulate air-purifying respirator approved for dust or oil mist is recommended.

For high airborne concentrations, use an approved supplied-air respirator, operated in positive pressure mode. Supplied air respirators with an escape bottle may be appropriate when oxygen levels are inadequate, gas/vapour warning properties are poor, or if air purifying filter capacity/rating may be exceeded.

Hand Protection: Any specific glove information provided is based on published literature and glove manufacturer data. Glove suitability and breakthrough time will differ depending on the specific use conditions. Contact the glove manufacturer for specific advice on glove selection and breakthrough times for your use conditions. Inspect and replace worn or damaged gloves. The types of gloves to be considered for this material include:

If prolonged or repeated contact is likely, chemical-resistant gloves are recommended. If contact with forearms is likely, wear gauntlet-style gloves.

Eye Protection: If contact is likely, safety glasses with side shields are recommended. If dusty conditions exist, chemical goggles are recommended.

Skin and Body Protection: Any specific clothing information provided is based on published literature or manufacturer data. The types of clothing to be considered for this material include:

If prolonged or repeated contact is likely, chemical, and oil resistant clothing is recommended.

Specific Hygiene Measures: Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Discard contaminated clothing and footwear that cannot be cleaned. Practise good housekeeping.

ENVIRONMENTAL CONTROLS

See Sections 6, 7, 12, 13.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Typical physical and chemical properties are given below. Consult the Supplier in Section 1 for additional data.

GENERAL INFORMATION

Physical State: Solid

Colour: black

Odour: Characteristic

Odour Threshold: N/D

IMPORTANT HEALTH, SAFETY, AND ENVIRONMENTAL INFORMATION

Relative Density (at 15 C): 1.5

Flash Point [Method]: >93C (200F) [Open Cup]

Flammable Limits (Approximate volume % in air): LEL: N/A UEL: N/A

Autoignition Temperature: N/D

Boiling Point Range: N/A

Vapour Density (Air = 1): N/D

Vapour Pressure: < 0.013 kPa (0.1 mm Hg) at 20°C

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Evaporation Rate (N-Butyl Acetate = 1): N/D
 pH: N/A
 Log Pow (n-Octanol/Water Partition Coefficient): > 6
 Solubility in Water: Negligible
 Viscosity: N/A
 Oxidizing properties: See Sections 3, 15, 16.

OTHER INFORMATION

Freezing Point: N/A
 Melting Point: N/A

SECTION 10 STABILITY AND REACTIVITY

STABILITY: Material is stable under normal conditions.

CONDITIONS TO AVOID: Excessive heat. High dust concentrations., Heat, sparks, flame, and build up of static electricity.

MATERIALS TO AVOID: Strong oxidizers

HAZARDOUS DECOMPOSITION PRODUCTS: Material does not decompose at ambient temperatures.

HAZARDOUS POLYMERIZATION: Will not occur.

SECTION 11 TOXICOLOGICAL INFORMATION

Acute Toxicity

Route of Exposure	Conclusion / Remarks
INHALATION	
Toxicity (Rat): LC50 > 5000 mg/m ³	Minimally Toxic. Based on test data for structurally similar materials.
Irritation: No end point data.	Negligible hazard at ambient/normal handling temperatures.
INGESTION	
Toxicity (Rat): LD50 > 2000 mg/kg	Minimally Toxic. Based on test data for structurally similar materials.
Skin	
Toxicity (Rabbit): LD50 > 3160 mg/kg	Minimally Toxic. Based on test data for structurally similar materials.
Irritation: No end point data.	Negligible irritation to skin at ambient temperatures.
Eye	
Irritation: No end point data.	May cause mild, short-lasting discomfort to eyes.

CHRONIC/OTHER EFFECTS

For the product itself:

Coke dust: Not carcinogenic in inhalation and dermal animal tests. Two year animal inhalation studies at high concentrations of coke dust showed accumulation of particles in lungs and inflammatory changes. Did not cause mutations in-vitro.

Additional information is available by request.

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CMR Status: None.

-REGULATORY LISTS SEARCHED-

1 = IARC 1
2 = IARC 2A

3 = IARC 2B
4 = ACGIH ALL

5 = ACGIH A1
6 = ACGIH A2

SECTION 12: ECOLOGICAL INFORMATION

The information given is based on data available for the material, the components of the material, and similar materials.

ECOTOXICITY

Material -- Not expected to be harmful to aquatic organisms.
Material -- Not expected to demonstrate chronic toxicity to aquatic organisms.

MOBILITY

Material -- Low water solubility, expected to sink and migrate into the sediment. Expected to partition to sediment and wastewater solids.

PERSISTENCE AND DEGRADABILITY

Biodegradation:
Material -- Expected to be persistent.

BIOACCUMULATION POTENTIAL

Material -- Has the potential to bioaccumulate, however metabolism or physical properties may reduce the bioconcentration or limit bioavailability.

SECTION 13: DISPOSAL CONSIDERATIONS

Disposal recommendations based on material as supplied. Disposal must be in accordance with current applicable laws and regulations, and material characteristics at time of disposal.

DISPOSAL RECOMMENDATIONS

Dispose of waste at an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

REGULATORY DISPOSAL INFORMATION

Empty Container Warning Empty Container Warning (where applicable): Empty containers may contain residue and can be dangerous. Do not attempt to refill or clean containers without proper instructions. Empty drums should be completely drained and safely stored until appropriately reconditioned or disposed. Empty containers should be taken for recycling, recovery, or disposal through suitably qualified or licensed contractor and in accordance with governmental regulations. **DO NOT PRESSURISE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND, OR EXPOSE SUCH CONTAINERS TO HEAT, FLAME, SPARKS, STATIC ELECTRICITY, OR OTHER SOURCES OF IGNITION. THEY MAY EXPLODE AND CAUSE INJURY OR DEATH.**

SECTION 14: TRANSPORT INFORMATION

LAND (TDG): Not Regulated for Land Transport

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LAND (DOT) : Not Regulated for Land Transport

SEA (IMDG) : Not Regulated for Sea Transport according to IMDG-Code

AIR (IATA) : Not Regulated for Air Transport

SECTION 15 REGULATORY INFORMATION

WHMIS Classification: Not controlled

This product has been classified in accordance with hazard criteria of the Controlled Products Regulations and the (M)SDS contains all the information required by the Controlled Products Regulations.

CEPA: All components of this material are either on the Canadian Domestic Substances List (DSL), exempt, or have been notified under CEPA.

NATIONAL CHEMICAL INVENTORY LISTING: DSL, TSCA

The Following Ingredients are Cited on the Lists Below: None.

-REGULATORY LISTS SEARCHED-

1 = TSCA 4
2 = TSCA 5a2

3 = TSCA 5b
4 = TSCA 6

5 = TSCA 12b
6 = NPRI

SECTION 16 OTHER INFORMATION

N/D = Not determined, N/A = Not applicable

THIS SAFETY DATA SHEET CONTAINS THE FOLLOWING REVISIONS:

No revision information is available.

WHMIS Classification: Not controlled

The information and recommendations contained herein are, to the best of Imperial Oil's knowledge and belief, accurate and reliable as of the date issued. Imperial Oil assumes no responsibility for accuracy of information unless the document is the most current available from an official Imperial Oil distribution system. The information and recommendations are offered for the user's consideration and examination, and it is the user's responsibility to satisfy itself that they are suitable and complete for its particular use. If buyer repackages this product, legal counsel should be consulted to insure proper health, safety and other necessary information is included on the container. Appropriate warnings and safe-handling procedures should be provided to handlers and users. Alteration of this document is strictly prohibited. Except to the extent required by law, republication or retransmission of this document, in whole or in part, is not permitted.

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Imperial Oil

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DGN: 5005366 (10:2916)

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Prepared By: Imperial Oil Limited, IH and Product Safety

TOTAL P.08

KCBX000171

 **KCBX TERMINALS COMPANY**

May 07, 2010

CERTIFIED MAIL

Edwin C. Bakowski, P.E.
Manager, Permit Section
Illinois Environmental Protection Agency
Division of Air Pollution Control – MC #11
1021 North Grand Avenue East
PO Box 19276
Springfield, IL 67297-9276

Re: Construction Permit Application – Receipt and Handling of Fluid Coke
Response to Agency Request for Information
KCBX Terminals Company, Chicago, Illinois
I.D. Number 031600AHI

Dear Mr. Bakowski,

On May 5, 2010, Counsel for KCBX Terminals Company (“KCBX”) received a request from the Illinois Environmental Protection Agency (“Illinois EPA” or “Agency”) for additional information concerning the construction permit application submitted to the Agency on February 3, 2010. The construction permit application was submitted to allow KCBX to receive fluid petroleum coke (“Fluid Coke”), a low-moisture bulk solid fuel, and either use water application or blend the Fluid Coke with a higher-moisture bulk solid fuel currently handled by KCBX. This application was submitted following receipt of a Notice of Incompleteness from the Agency after KCBX had proposed a three railcar trial receipt of Fluid Coke in a request dated November 20, 2009.

Questions Concerning Proposed Condition 7b

The Agency has requested that proposed Condition 7b be expanded to address:

1. Mechanisms that would trigger testing;
2. The records of testing that would be maintained; and
3. The ASTM method used for analysis.

In response to this inquiry, KCBX offers the following respective comments:

1. If the material is being stockpiled, it must be sampled if the moisture content is 1.3% or less as provided by the supplier (from proposed Condition 7c). Beyond that requirement, moisture testing is at the discretion of KCBX and may be conducted for quality control, customer specification, or internal compliance purposes;
2. The records of testing that will be maintained are addressed in proposed Condition 11.a.iii.; and
3. The ASTM methods used for petroleum coke analysis are D3172 and D4931.

EXHIBIT C

KCBX000172

Mr. Edwin C. Bakowski, P.E.
May 07, 2009
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To reflect this information in proposed Conditions 7.b and 11.a.iii, KCBX proposes these Conditions be worded as:

- 7b. *The Permittee shall record the moisture contents that are provided by the suppliers of the bulk solid materials received. These moisture data shall be used to calculate emissions using the method specified in Condition 6.a.iii. The Permittee may test and re-test the moisture content of a bulk solid material at any time, using ASTM Method D3172 or D4931 when the bulk solid material is petroleum coke. The results of such tests or re-tests will be used for calculating emissions from subsequent material handling using the method specified in Condition 6.a.iii.***
- 11.a *The Permittee shall maintain the following records to demonstrate compliance with the conditions of this permit:***
- iii. *Results of moisture analyses from samples collected at the facility;***

Questions Concerning Proposed Condition 7c

The Agency has requested that proposed Condition 7c be expanded to address:

1. The equipment used to accomplish blending;
2. A description of the blending activity; and
3. The emissions that would occur from blending.

In response to this inquiry, KCBX offers the following respective comments:

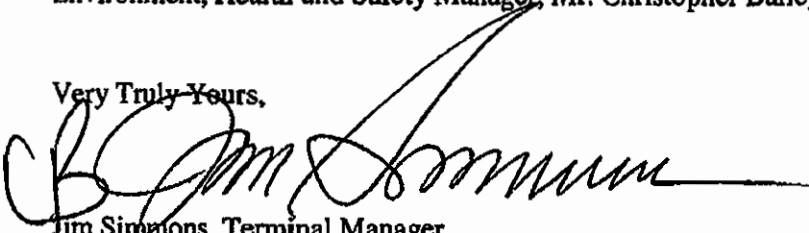
1. Blending will be accomplished as proposed in the initial request to conduct blending trials submitted on November 20, 2009. Essentially this involves using existing equipment to:
 - a. unload the Fluid Coke from railcars into a hopper that feeds a belt conveyor in the Railcar Unloading Building using engineered systems and practices to control dust generation such as feed rate, hopper extensions, and water addition;
 - b. combine a higher-moisture bulk solid fuel with the Fluid Coke on the conveyor belt inside the Railcar Unloading Building by introducing the higher-moisture material directly onto the Fluid Coke as it is moving on the conveyor; and
 - c. manage the blend using existing equipment with normal handling procedures. Handling procedures may be adjusted based on operational experience.
2. The blending activity is described in the above response; and
3. Emissions will be calculated using the equation in Condition 6.a.iii (as required by proposed Condition 7.b – see above). For receipt of the Fluid Coke, the moisture content provided by the supplier would be used to calculate emissions from railcar unloading.

Mr. Edwin C. Bakowski, P.E.
May 07, 2009
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When blending, the moisture content of the material being added to the Fluid Coke would be used for calculating emissions from the material drop onto the Fluid Coke. For material drops downstream of the blend point, the moisture content from analysis of the blended product would be used.

KCBX appreciates the efforts of the Agency to expedite review of this application and requests the opportunity to review the draft construction permit prior to issuance. If you have any questions about this application and/or need any additional information, please contact our Environment, Health and Safety Manager, Mr. Christopher Bailey at 773.978.8518.

Very Truly Yours,



Handwritten signature of Jim Simons in black ink, consisting of a stylized 'J' followed by 'S' and 'M' and a long horizontal line.

Jim Simons, Terminal Manager

cc: Mr. Robert W. Bernoteit
Mr. Terry Steinert
Thomas G. Safley, Esq.
Katherine D. Hodge, Esq.



ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

1021 NORTH GRAND AVENUE EAST, P.O. BOX 19506, SPRINGFIELD, ILLINOIS 62794-9506 - (217) 782-2113

PAT QUINN, GOVERNOR

DOUGLAS P. SCOTT, DIRECTOR

217/782-2113

CERTIFIED MAIL
7007 0220 0000 0149 9036

NOTICE OF ADDITIONAL CONSTRUCTION PERMIT APPLICATION FEES

May 14, 2010

KCBX Terminals Company
Attn: Chris Bailey
3259 East 100th Street
Chicago, Illinois 60617

<u>Application No.:</u>	07100090
<u>I. D. No.:</u>	031600AHI
<u>Applicant's Designation:</u>	2CONVEYERS
<u>Received:</u>	February 16, 2010
<u>Construction of:</u>	2 Conveyers at a Bulk Materials Terminal
<u>Location:</u>	3259 East 100 th Street, Chicago, Cook County
<u>Additional Fee Now Due:</u>	\$500.00

This letter provides written notice that the Illinois EPA has determined that the change requested for construction permit referenced above is subject to application fee under Section 9.12 of Illinois' Environmental Protection Act (Act).

Based on its review of the application for purposes of fees, the Illinois EPA has determined that a fee of \$500.00 is due.

You have 60 days to remit the assessed fee and revised Form 197-FEE to the Illinois EPA. Please submit payment to the Illinois EPA at the following address. Make either a check or money order payable to: "Illinois Environmental Protection Agency" and reference both the application and I.D. numbers assigned above. The Illinois EPA will not accept cash payments.

Illinois Environmental Protection Agency
Division of Air Pollution Control
Permit Section (MC 11)
P.O. Box 19506
Springfield, Illinois 62794-9506

If the fee is not submitted within 60 days, the Illinois EPA is not required to further review or process this application and the statutory deadlines in Section 39(a) of the Act cease to apply to the application until such time as the proper fee is submitted. The Illinois EPA may also deny the application for failure to pay the appropriate fees. Also, please be aware that the Illinois EPA's continuing review of the application during this 60-day period may identify additional fees that are due or deficiencies in the technical information that has been submitted in the application.

The following explains the Illinois EPA's determination with respect to the fees that are due for this application.

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EXHIBIT D

KCBX000175

Page 2

1. The fee consists of first modified emission unit (\$2,000.00) plus second modified emission unit (\$1,000.00), for a total of \$3,000.00. The payments \$500.00 and \$2,000.00 received with the application have been credited against the total fee, of \$3,000.00, making the balance due \$500.00.

If you do not agree with the Illinois EPA's fee determination for this application, you may ask for reconsideration. A request for fee reconsideration must include a new certified estimate (e.g., Form 197-FEE) of the fees that are due and payment for any additional fees that are due based on your new estimate. Two copies of this fee reconsideration request must be submitted and must include any supporting material used in the new estimate. On all submittals, please reference both the application and I.D. numbers assigned above.

If you have any questions on this fee determination, please call George Kennedy at 217/782-2113.


E.C.B.

Edwin C. Bakowski, P.E.
Manager, Permit Section
Division of Air Pollution Control

Date Signed: 5/14/2010

ECB:GMK:jws

cc: Illinois EPA, FOS Region 1
Mike Biggs



ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

1021 NORTH GRAND AVENUE EAST, P.O. BOX 19506, SPRINGFIELD, ILLINOIS 62794-9506 - (217) 782-2113

PAT QUINN, GOVERNOR

DOUGLAS P. SCOTT, DIRECTOR

217/782-2113

CONSTRUCTION PERMIT -- REVISED

PERMITEE

KCBX Terminals Company
Attn: Chris Bailey
3259 East 100th Street
Chicago, Illinois 60617

Application No.: 07100090

I.D. No.: 031600AHI

Applicant's Designation: 2CONVEYERS

Date Received: February 16, 2010

Subject: 2 Conveyers at a Bulk Materials Terminal

Date Issued: May 25, 2010

Location: 3259 East 100th Street, Chicago, Cook County, 60617

This permit is hereby granted to the above-designated Permittee to CONSTRUCT emission unit(s) and/or air pollution control equipment consisting of two (2) portable conveyers at a bulk materials terminal, pursuant to the above-referenced application. This Permit is subject to standard conditions attached hereto and the following special condition(s):

- 1a. This permit is issued based on the construction of the two (2) new portable conveyers not constituting a new major source or major modification pursuant to Title I of the Clean Air Act, specifically 35 Ill. Adm. Code Part 203, Major Stationary Sources Construction and Modification and 40 CFR 52.21, Prevention of Significant Deterioration (PSD). The source has requested that the Illinois EPA establish emission limitations and other appropriate terms and conditions in this permit that limit the Particulate Matter less than 10 Microns (PM₁₀) emissions from the new conveyers below the levels that would trigger the applicability of these rules.
- b. Operation of the two (2) portable conveyers at this source is allowed under this construction permit until final action is taken on the application for renewal and revision of the Federally Enforceable State Operating Permit (FESOP) for this source.
- c. This permit is effective only upon the withdrawal of Permit Appeal PCB 2008-103.
- 2a. Pursuant to 35 Ill. Adm. Code 212.123(a), no person shall cause or allow the emission of smoke or other particulate matter, with an opacity greater than 30 percent, into the atmosphere from any emission unit other than those emission units subject to 35 Ill. Adm. Code 212.122.
- b. Pursuant to 35 Ill. Adm. Code 212.123(b), the emission of smoke or other particulate matter from any such emission unit (i.e., any emission unit other than a fuel combustion emission unit) may have an opacity greater than 30 percent but not greater than 60 percent for a

period or periods aggregating 8 minutes in any 60 minute period provided that such opaque emissions permitted during any 60 minute period shall occur from only one such emission unit located within a 305 m (1000 ft) radius from the center point of any other such emission unit owned or operated by such person, and provided further that such opaque emissions permitted from each such emission unit shall be limited to 3 times in any 24 hour period.

- c. Pursuant to 35 Ill. Adm. Code 212.301, no person shall cause or allow the emission of fugitive particulate matter from any process, including any material handling or storage activity, that is visible by an observer looking generally toward the zenith at a point beyond the property line of the emission source.
- d. Pursuant to 35 Ill. Adm. Code 212.314, 35 Ill. Adm. Code 212.301 shall not apply and spraying pursuant to 35 Ill. Adm. Code 212.304 through 212.310 and 35 Ill. Adm. Code 212.312 shall not be required when the wind speed is greater than 40.2 km/hour (25 mph). Determination of wind speed for the purposes of this rule shall be by a one-hour average or hourly recorded value at the nearest official station of the U.S. Weather Bureau or by wind speed instruments operated on the site. In cases where the duration of operations subject to this rule is less than one hour, wind speed may be averaged over the duration of the operations on the basis of on-site wind speed instrument measurements.
- e. Pursuant to 35 Ill. Adm. Code 212.316(f), unless an emission unit has been assigned a particulate matter, PM₁₀, or fugitive particulate matter emissions limitation elsewhere in 35 Ill. Adm. Code 212.316, or in 35 Ill. Adm. Code 212 Subparts R or S, no person shall cause or allow fugitive particulate matter emissions from any emission unit to exceed an opacity of 20 percent.
- f. Pursuant to 35 Ill. Adm. Code 212.321(a), no person shall cause or allow the emission of particulate matter into the atmosphere in any one hour period from any new process emission unit which, either alone or in combination with the emission of particulate matter from all other similar process emission units for which construction or modification commenced on or after April 14, 1972, at a source or premises, exceeds the allowable emission rates specified in 35 Ill. Adm. Code 212.321(c).
- g. Pursuant to 35 Ill. Adm. Code 212.321(b), interpolated and extrapolated values of the data in 35 Ill. Adm. Code 212.321(c) shall be determined by using the equation:

$$E = A(P)^B$$

where

P = Process weight rate; and

E = Allowable emission rate; and,

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- i. Up to process weight rates of 408 MG/hour (450 T/hour):

	<u>Metric</u>	<u>English</u>
P	Mg/hr	T/hr
E	kg/hr	lbs/hr
A	1.214	2.54
B	0.534	0.534

- ii. For process weight rate greater than or equal to 408 Mg/hour (450 T/hour):

	<u>Metric</u>	<u>English</u>
P	Mg/hr	T/hr
E	kg/hr	lbs/hr
A	11.42	24.8
B	0.16	0.16

- h. Pursuant to 35 Ill. Adm. Code 212.700(a), 35 Ill. Adm. Code 212 Subpart U (Additional Control Measures) shall apply to those sources in the areas designated in and subject to 35 Ill. Adm. Code 212.324(a)(1) or 212.423(a) and that have actual annual source-wide emissions of PM₁₀ of at least fifteen (15) tons per year.
3. This permit is issued based on the two portable electric conveyors not being subject to the New Source Performance Standards (NSPS) for Coal Preparation Plants, 40 CFR 60 Subpart Y because the conveyors will not be used to convey coal to machinery at the coal preparation plant.
4. Pursuant to 35 Ill. Adm. Code 212.324(d), the mass emission limits contained in 35 Ill. Adm. Code 212.324(b) shall not apply to those emission units with no visible emissions other than fugitive particulate matter; however, if a stack test is performed, 35 Ill. Adm. Code 212.324(d) is not a defense finding of a violation of the mass emission limits contained in 35 Ill. Adm. Code 212.324(b).
- 5a. Pursuant to 35 Ill. Adm. Code 212.324(f), for any process emission unit subject to 35 Ill. Adm. Code 212.324(a), the owner or operator shall maintain and repair all air pollution control equipment in a manner that assures that the emission limits and standards in 35 Ill. Adm. Code 212.324 shall be met at all times. 35 Ill. Adm. Code 212.324 shall not affect the applicability of 35 Ill. Adm. Code 201.149. Proper maintenance shall include the following minimum requirements:
- i. Visual inspections of air pollution control equipment;
 - ii. Maintenance of an adequate inventory of spare parts; and
 - iii. Expedient repairs, unless the emission unit is shutdown.
- b. Pursuant to 35 Ill. Adm. Code 212.701(a), those sources subject to 35 Ill. Adm. Code 212 Subpart U shall prepare contingency measure plans reflecting the PM₁₀ emission reductions set forth in 35 Ill. Adm. Code

212.703. These plans shall become federally enforceable permit conditions. Such plans shall be submitted to the Illinois EPA by November 15, 1994. Notwithstanding the foregoing, sources that become subject to the provisions of 35 Ill. Adm. Code 212 Subpart U after July 1, 1994, shall submit a contingency measure plan to the Illinois EPA for review and approval within ninety (90) days after the date such source or sources became subject to the provisions of 35 Ill. Adm. Code 212 Subpart U or by November 15, 1994, whichever is later. The Illinois EPA shall notify those sources requiring contingency measure plans, based on the Illinois EPA's current information; however, the Illinois EPA's failure to notify any source of its requirement to submit contingency measure plans shall not be a defense to a violation of 35 Ill. Adm. Code 212 Subpart U and shall not relieve the source of its obligation to timely submit a contingency measure plan.

- c. Pursuant to 35 Ill. Adm. Code 212.703(a), all sources subject to 35 Ill. Adm. Code 212 Subpart U shall submit a contingency measure plan. The contingency measure plan shall contain two levels of control measures:
 - i. Level I measures are measures that will reduce total actual annual source-wide fugitive emissions of PM₁₀ subject to control under 35 Ill. Adm. Code 212.304, 212.305, 212.306, 212.308, 212.316(a) through (e), 212.424 or 212.464 by at least 15%.
 - ii. Level II measures are measures that will reduce total actual annual source-wide fugitive emissions of PM₁₀ subject to control under 35 Ill. Adm. Code 212.304, 212.305, 212.306, 212.308, 212.316(a) through (e), 212.424 or 212.464 by at least 25%.
- d. Pursuant to 35 Ill. Adm. Code 212.703(b), a source may comply with 35 Ill. Adm. Code 212 Subpart U through an alternative compliance plan that provides for reductions in emissions equal to the level of reduction of fugitive emissions as required at 35 Ill. Adm. Code 212.703(a) and which has been approved by the Illinois EPA and USEPA as federally enforceable permit conditions. If a source elects to include controls on process emission units, fuel combustion emission units, or other fugitive emissions of PM₁₀ not subject to 35 Ill. Adm. Code 212.304, 212.305, 212.306, 212.308, 212.316(a) through (e), 212.424 or 212.464 at the source in its alternative control plan, the plan must include a reasonable schedule for implementation of such controls, not to exceed two (2) years. This implementation schedule is subject to Illinois EPA review and approval.
- e. Pursuant to 35 Ill. Adm. Code 212.704(b), if there is a violation of the ambient air quality standard for PM₁₀ as determined in accordance with 40 CFR Part 50, Appendix K, the Illinois EPA shall notify the source or sources the Illinois EPA has identified as likely to be causing or contributing to one or more of the exceedences leading to such violation, and such source or sources shall implement Level I or Level II measures, as determined pursuant to 35 Ill. Adm. Code 212.704(e). The source or sources so identified shall implement such

measures corresponding to fugitive emissions within ninety (90) days after receipt of a notification and shall implement such measures corresponding to any non-fugitive emissions according to the approved schedule set forth in such source's alternative control plan. Any source identified as causing or contributing to a violation of the ambient air quality standard for PM_{10} may appeal any finding of culpability by the Illinois EPA to the Illinois Pollution Control Board pursuant to 35 Ill. Adm. Code 106 Subpart J.

- f. Pursuant to 35 Ill. Adm. Code 212.704(e), the Illinois EPA shall require that sources comply with the Level I or Level II measures of their contingency measure plans, pursuant 35 Ill. Adm. Code 212.704(b), as follows:
 - i. Level I measures shall be required when the design value of a violation of the 24-hour ambient air quality standard, as computed pursuant to 40 CFR 50, Appendix K, is less than or equal to 170 ug/m^3 .
 - ii. Level II measures shall be required when the design value of a violation of the 24-hour ambient air quality standard, as computed pursuant to 40 CFR 50, Appendix K, exceeds 170 ug/m^3 .
- 6a. The moisture content of the bulk material handled by the source shall be at least 1.3% by weight. The Permittee shall show compliance with this requirement by recording the moisture content of the bulk material received at the source as provided by the supplier of the feed material. If moisture content falls below 3.0% by weight as documented by the supplier, then the Permittee shall:
 - i. Utilize water sprays on the material handling operations (e.g., material transfer, screening and crushing) associated with bulk materials having a moisture content below 3.0% by weight to reduce particulate matter emissions and to maintain compliance with the applicable visible emissions standards for each affected material handling operation; or
 - ii. Follow the testing requirements of Condition 6(b).
- b. If the Permittee relies on Condition 6(a)(i) to demonstrate compliance with Condition 6(a), the Permittee shall monitor the water spray equipment as follows during non-freezing conditions:
 - i. The water supply to the spray equipment shall be equipped with a master metering device used to determine water usage for the control of particulate matter emissions.
 - ii. Inspections of water spray equipment and operation (such as leaking, maintaining adequate flow, clogging of flow lines, etc.) shall be performed at least once per week when the material handling operations are in operation.

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- c. If the Permittee relies on Condition 6(a)(ii) to demonstrate compliance with Condition 6(a), the Permittee shall measure the moisture content of a representative sample of the bulk material having a moisture content below 3.0% as provided by the supplier, at least once per week, when water spray is not being utilized, using ASTM Procedure D 3302 for coal and ASTM Procedures D 3172 and D 4931 for petroleum coke. Should three consecutive tests at the source show moisture contents of 3.0% or greater by weight, this testing shall no longer be required for the subject bulk material.
- 7a. The emissions from and the operation of the material handling operations (material transfer, crushing and screening) shall not exceed the following limits:
- i. PM_{10} emission shall not exceed 7.9 tons/month and 79 tons/year.
 - ii. PM emissions shall not exceed 16 tons/month and 160 tons/year.
 - iii. These limits are based on the maximum amount of material handled and standard emission factors (Table 11.19.2-2, AP-42, Volume I, Fifth Edition, Update 2004, August 2004 and Section 13.2.4, AP-42, Volume I, Fifth Edition, November 2006). PM_{10} and PM emissions shall be calculated and recorded using the equation:

$$E = [(T \times F_m) + (S \times F_s) + (C \times F_c)]/2000$$

Where:

E = Total PM_{10} or PM emissions, (tons);

T = Amount of bulk material transferred, (tons);

F_m = $(k \times 0.0032 \times N) \times [((U/5)^{1.3}) / ((M/2)^{1.4})]$;

Where:

k = 0.35 for PM_{10} ;
= 0.74 for PM;

U = mean wind speed, (miles/hour);

M = material moisture content, (%);

N = Number of material drop points;

S = Amount of bulk material Screened, (tons);

F_s = 0.0022 lb PM/ton;
= 0.00074 lb PM_{10} /ton;

C = tons of bulk material Crushed, (tons);

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$$\begin{aligned} F_0 &= 0.0012 \text{ lb PM/ton; and} \\ &= 0.00054 \text{ lb PM}_{10}\text{/ton.} \end{aligned}$$

- b. Compliance with the annual limits of this permit shall be determined on a monthly basis from the sum of the data for the current month plus the preceding 11 months (running 12 month total).
- 8a. Pursuant to 35 Ill. Adm. Code 201.282, every emission source or air pollution control equipment shall be subject to the following testing requirements for the purpose of determining the nature and quantities of specified air contaminant emissions and for the purpose of determining ground level and ambient air concentrations of such air contaminants:
- i. Testing by Owner or Operator. The Illinois EPA may require the owner or operator of the emission source or air pollution control equipment to conduct such tests in accordance with procedures adopted by the Illinois EPA, at such reasonable times as may be specified by the Illinois EPA and at the expense of the owner or operator of the emission source or air pollution control equipment. The Illinois EPA may adopt procedures detailing methods of testing and formats for reporting results of testing. Such procedures and revisions thereto, shall not become effective until filed with the Secretary of State, as required by the APA Act. All such tests shall be made by or under the direction of a person qualified by training and/or experience in the field of air pollution testing. The Illinois EPA shall have the right to observe all aspects of such tests.
 - ii. Testing by the Illinois EPA. The Illinois EPA shall have the right to conduct such tests at any time at its own expense. Upon request of the Illinois EPA, the owner or operator of the emission source or air pollution control equipment shall provide, without charge to the Illinois EPA, necessary holes in stacks or ducts and other safe and proper testing facilities, including scaffolding, but excluding instruments and sensing devices, as may be necessary.
- b. Testing required by Condition 9 shall be performed upon a written request from the Illinois EPA by a qualified individual or independent testing service.
9. Pursuant to 35 Ill. Adm. Code 212.110(c), upon a written notification by the Illinois EPA, the owner or operator of a particulate matter emission unit subject to 35 Ill. Adm. Code Part 212 shall conduct the applicable testing for particulate matter emissions, opacity, or visible emissions at such person's own expense, to demonstrate compliance. Such test results shall be submitted to the Illinois EPA within thirty (30) days after conducting the test unless an alternative time for submittal is agreed to by the Illinois EPA.

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- 10a. Pursuant to 35 Ill. Adm. Code 212.110(e), the owner or operator of an emission unit subject to 35 Ill. Adm. Code Part 212 shall retain records of all tests which are performed. These records shall be retained for at least three (3) years after the date a test is performed.
- b. i. Pursuant to 35 Ill. Adm. Code 212.316(g)(1), the owner or operator of any fugitive particulate matter emission unit subject to 35 Ill. Adm. Code 212.316 shall keep written records of the application of control measures as may be needed for compliance with the opacity limitations of 35 Ill. Adm. Code 212.316 and shall submit to the Illinois EPA an annual report containing a summary of such information.
- ii. Pursuant to 35 Ill. Adm. Code 212.316(g)(2), the records required under 35 Ill. Adm. Code 212.316(g) shall include at least the following:
- A. The name and address of the source;
 - B. The name and address of the owner and/or operator of the source;
 - C. A map or diagram showing the location of all emission units controlled, including the location, identification, length, and width of roadways;
 - D. For application of physical or chemical control agents: the name of the agent, application rate and frequency, and total quantity of agent and, if diluted, percent of concentration, used each day; and
 - E. A log recording incidents when control measures were not used and a statement of explanation.
- iii. Pursuant to 35 Ill. Adm. Code 212.316(g)(3), the records required under 35 Ill. Adm. Code 212.316 shall be kept and maintained for at least three (3) years and shall be available for inspection and copying by Illinois EPA representatives during working hours.
- c. i. Pursuant to 35 Ill. Adm. Code 212.324(g)(1), written records of inventory and documentation of inspections, maintenance, and repairs of all air pollution control equipment shall be kept in accordance with 35 Ill. Adm. Code 212.324(f).
- ii. Pursuant to 35 Ill. Adm. Code 212.324(g)(2), the owner or operator shall document any period during which any process emission unit was in operation when the air pollution control equipment was not in operation or was malfunctioning so as to cause an emissions level in excess of the emissions limitation. These records shall include documentation of causes for pollution control equipment not operating or such malfunction and shall

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state what corrective actions were taken and what repairs were made.

- iii. Pursuant to 35 Ill. Adm. Code 212.324(g)(3), a written record of the inventory of all spare parts not readily available from local suppliers shall be kept and updated.
 - iv. Pursuant to 35 Ill. Adm. Code 212.324(g)(5), the records required under 35 Ill. Adm. Code 212.324 shall be kept and maintained for at least three (3) years and shall be available for inspection and copying by Illinois EPA representatives during working hours.
- 11a. The Permittee shall maintain records of the following items so as to demonstrate compliance with the conditions of this permit:
- i. Records addressing use of good operating practices for the material handling operations at this source:
 - A. If the Permittee is relying on Conditions 6(a)(i) and 6(b) to demonstrate compliance with Condition 6(a), the Permittee shall maintain operating logs for the water spray equipment, including dates and hours of usage, total amount of water applied each month, malfunctions (type, dates, and measures to correct), dates of rainfall during the preceding 24 hours, and daily observations of bulk material conditions (wet or dry) and/or other controls as may be present (e.g., coverage by snow or ice);
 - B. If the Permittee is relying on the requirements of Conditions 6(a)(ii) and 6(c) to demonstrate compliance with Condition 6(a), the Permittee shall maintain records of all moisture content tests performed including date, time, individual or laboratory performing test, and location of sample (e.g., prior to crushing, stockpiles, etc.); and
 - C. The Permittee shall keep records of the moisture content of bulk materials as provided by the source of the feed material in accordance with Condition 6(c).
 - ii. Records of the moisture content of bulk solid materials as provided by the suppliers of bulk solid materials, unless such records are superseded by moisture analysis from samples collected at the source;
 - iii. Records of moisture analysis from samples collected at the source;
 - iv. Name and total amount of each bulk material (e.g., coal, petroleum coke, etc.) processed (i.e., crushed, screened and transferred), in tons/month and tons/year; and

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- v. Monthly and annual emissions of PM and PM₁₀ from the material handling operations at this source, with supporting calculations (tons/month and tons/year).
- b. All records and logs required by this permit shall be retained at a readily accessible location at the source for at least five (5) years from the date of entry and shall be made available for inspection and copying by the Illinois EPA or USEPA upon request. Any records retained in an electronic format (e.g., computer storage device) shall be capable of being retrieved and printed on paper during normal source office hours so as to be able to respond to an Illinois EPA or USEPA request for records during the course of a source inspection.
- 12a. Pursuant to 35 Ill. Adm. Code 212.110(d), a person planning to conduct testing for particulate matter emissions to demonstrate compliance shall give written notice to the Illinois EPA of that intent. Such notification shall be given at least thirty (30) days prior to the initiation of the test unless a shorter period is agreed to by the Illinois EPA. Such notification shall state the specific test methods from 35 Ill. Adm. Code 212.110 that will be used.
- b. Pursuant to 35 Ill. Adm. Code 212.316(g) (5), a quarterly report shall be submitted to the Illinois EPA stating the following: the dates any necessary control measures were not implemented, a listing of those control measures, the reasons that the control measures were not implemented, and any corrective actions taken. This information includes, but is not limited to, those dates when controls were not applied based on a belief that application of such control measures would have been unreasonable given prevailing atmospheric conditions, which shall constitute a defense to the requirements of 35 Ill. Adm. Code 212.316. This report shall be submitted to the Illinois EPA thirty (30) calendar days from the end of a quarter. Quarters end March 31, June 30, September 30, and December 31.
- c. i. Pursuant to 35 Ill. Adm. Code 212.324(g) (4), copies of all records required by 35 Ill. Adm. Code 212.324 shall be submitted to the Illinois EPA within ten (10) working days after a written request by the Illinois EPA.
- ii. Pursuant to 35 Ill. Adm. Code 212.324(g) (6), upon written request by the Illinois EPA, a report shall be submitted to the Illinois EPA for any period specified in the request stating the following: the dates during which any process emission unit was in operation when the air pollution control equipment was not in operation or was not operating properly, documentation of causes for pollution control equipment not operating or not operating properly, and a statement of what corrective actions were taken and what repairs were made.
- 12a. If there is an exceedence of or a deviation from the requirements of this permit as determined by the records required by this permit, the Permittee shall submit a report to the Illinois EPA's Compliance

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Section in Springfield, Illinois within 30 days after the exceedence or deviation. The report shall include the emissions released in accordance with the recordkeeping requirements, a copy of the relevant records, and a description of the exceedences or deviation and efforts to reduce emissions and future occurrences.

- b. Two (2) copies of required reports and notifications shall be sent to:

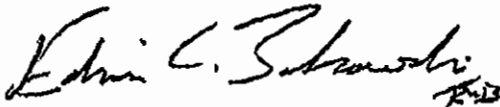
Illinois Environmental Protection Agency
Division of Air Pollution Control
Compliance Section (#40)
P.O. Box 19276
Springfield, Illinois 62794-9276

and one (1) copy shall be sent to the Illinois EPA's regional office at the following address unless otherwise indicated:

Illinois Environmental Protection Agency
Division of Air Pollution Control
9511 West Harrison
Des Plaines, Illinois 60016

It should also be noted that this permit has been revise to modify the two portable conveyers to allow the conveying of material with a moisture content of 1.3% by weight.

If you have any questions on this permit, please call George Kennedy at 217/782-2113.



Edwin C. Bakowski, P.E.
Manager, Permit Section
Division of Air Pollution Control

Date Signed:

5/25/2010

RCB:GMK:jws

cc: Illinois EPA, FOS Region 1



STATE OF ILLINOIS
ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF AIR POLLUTION CONTROL
P. O. BOX 19506
SPRINGFIELD, ILLINOIS 62794-9506

**STANDARD CONDITIONS FOR CONSTRUCTION/DEVELOPMENT PERMITS
ISSUED BY THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY**

July 1, 1985

The Illinois Environmental Protection Act (Illinois Revised Statutes, Chapter 111-1/2, Section 1039) authorizes the Environmental Protection Agency to impose conditions on permits which it issues.

The following conditions are applicable unless superseded by special condition(s).

1. Unless this permit has been extended or it has been voided by a newly issued permit, this permit will expire one year from the date of issuance, unless a continuous program of construction or development on this project has started by such time.
2. The construction or development covered by this permit shall be done in compliance with applicable provisions of the Illinois Environmental Protection Act and Regulations adopted by the Illinois Pollution Control Board.
3. There shall be no deviations from the approved plans and specifications unless a written request for modification, along with plans and specifications as required, shall have been submitted to the Agency and a supplemental written permit issued.
4. The permittee shall allow any duly authorized agent of the Agency upon the presentation of credentials, at reasonable times:
 - a. to enter the permittee's property where actual or potential effluent, emission or noise sources are located or where any activity is to be conducted pursuant to this permit,
 - b. to have access to and to copy any records required to be kept under the terms and conditions of this permit,
 - c. to inspect, including during any hours of operation of equipment constructed or operated under this permit, such equipment and any equipment required to be kept, used, operated, calibrated and maintained under this permit,
 - d. to obtain and remove samples of any discharge or emissions of pollutants, and
 - e. to enter and utilize any photographic, recording, testing, monitoring or other equipment for the purpose of preserving, testing, monitoring, or recording any activity, discharge, or emission authorized by this permit.
5. The issuance of this permit:
 - a. shall not be considered as in any manner affecting the title of the premises upon which the permitted facilities are to be located,
 - b. does not release the permittee from any liability for damage to person or property caused by or resulting from the construction, maintenance, or operation of the proposed facilities,
 - c. does not release the permittee from compliance with other applicable statutes and regulations of the United States, of the State of Illinois, or with applicable local laws, ordinances and regulations,
 - d. does not take into consideration or attest to the structural stability of any units or parts of the project, and

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- e. in no manner implies or suggests that the Agency (or its officers, agents or employees) assumes any liability, directly or indirectly, for any loss due to damage, installation, maintenance, or operation of the proposed equipment or facility.
- 6.
- a. Unless a joint construction/operation permit has been issued, a permit for operation shall be obtained from the Agency before the equipment covered by this permit is placed into operation.
 - b. For purposes of shakedown and testing, unless otherwise specified by a special permit condition, the equipment covered under this permit may be operated for a period not to exceed thirty (30) days.
7. The Agency may file a complaint with the Board for modification, suspension or revocation of a permit:
- a. upon discovery that the permit application contained misrepresentations, misinformation or false statements or that all relevant facts were not disclosed, or
 - b. upon finding that any standard or special conditions have been violated, or
 - c. upon any violations of the Environmental Protection Act or any regulation effective thereunder as a result of the construction or development authorized by this permit.

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For assistance in preparing a permit application contact the Permit Section,

Illinois Environmental Protection Agency
Division of Air Pollution Control
Permit Section
1021 N. Grand Ave E.
P.O. Box 19506
Springfield, Illinois 62794-9506

For a regional office of the Field Operations Section, the regional offices and their areas of responsibility are shown on the map. The addresses and telephone numbers of the regional offices are as follows:

Illinois EPA
Region 1
Bureau of Air, FOS
9511 West Harrison
Des. Plains, Illinois 60016
847/294-4000

Illinois EPA
Region 2
5415 North University
Peoria, Illinois 61614
309/693-5463

Illinois EPA
Region 3
2009 Main Street
Collinsville, Illinois 62234
618/346-5120

