BEFORE THE ILLINOIS POLLUTION CONTROL BOARD OF THE STATE OF ILLINOIS

WRB REFINING, LLC)	
NOx Analyzer Systems for Boiler Nos. 15, 16 & 17,)	
Fuel Gas Boilers)	
)	PCB 14-
)	(Tax Certification - Air)
PARCEL NUMBER)	
19-1-08-35-00-000-001 or portion thereof)	

NOTICE

TO: [Electronic filing]

John Therriault, Clerk

Illinois Pollution Control Board

State of Illinois Center

100 W. Randolph Street, Suite 11-500

Chicago, Illinois 60601

[Service by mail]
Michael Kemp
WRB Refining, LLC
404 Phillips Building

Bartlesville, Oklahoma 74004

[Service by mail]
Steve Santarelli
Illinois Department of Revenue
101 West Jefferson
P.O. Box 19033
Springfield, Illinois 62794

PLEASE TAKE NOTICE that I have today electronically filed with the Office of the Pollution Control Board the APPEARANCE and RECOMMENDATION of the Illinois Environmental Protection Agency, a paper copy of which is herewith served upon the applicant and a representative of the Illinois Department of Revenue.

Respectfully submitted by,

1st Robb H. Qayman

Robb H. Layman Assistant Counsel

Date: December 12, 2011

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

1021 North Grand Avenue East

P.O. Box 19276

Springfield, IL 62794-9276 Telephone: (217) 524-9137

BEFORE THE ILLINOIS POLLUTION CONTROL BOARD OF THE STATE OF ILLINOIS

WRB REFINING, LLC)	
NOx Analyzer Systems for Boiler Nos. 15, 16 & 17,)	
Fuel Gas Boilers)	
)	PCB 14-
)	(Tax Certification - Air)
PARCEL NUMBER)	
19-1-08-35-00-000-001 or portion thereof)	

APPEARANCE

I hereby file my Appearance in this proceeding on behalf of the Illinois Environmental Protection Agency.

Respectfully submitted by,

1st Robb H. Qayman

Robb H. Layman Assistant Counsel

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19-1-08-35-00-000-001 or portion thereof)	

RECOMMENDATION

NOW COMES the ILLINOIS ENVIRONMENTAL PROTECTION AGENCY ("Illinois EPA"), through its attorneys, and pursuant to 35 Ill. Adm. Code 125.204 of the ILLINOIS POLLUTION CONTROL BOARD'S ("Board") procedural regulations, files the Illinois EPA's Recommendation in the above-referenced request for tax certification of pollution control facilities. The Illinois EPA recommends **issuance** of a tax certification covering the subject matter of the request. In support thereof, the Illinois EPA states as follows:

- 1. On or about October 14, 2010, the Illinois EPA received an application and supporting information from WRB REFINING, LLC, ("WRB Refining") concerning the proposed tax certification of certain air emission sources and/or equipment located at its Wood River petroleum refinery in Madison County, Illinois. A copy of the application is attached hereto. [Exhibit A].
 - 2. The applicant's principal business address is as follows:

WRB Refining LLC 404 Phillips Building Bartlesville, Oklahoma 74004

3. The facility address is as follows:

WRB Refining LLC 900 South Central Avenue P.O. Box 76 Roxana, Illinois 62084

- 4. The subject matter of this request consists of Nitrogen Oxides ("NOx") Analyzer Systems, which will continuously monitor the emission stacks of three fuel gas boilers at the refinery. As described in the application, the project involved the installation of NOx Analyzers on Boiler Nos. 14, 15 & 16 to comply with the monitoring requirements of the Board's Part 217 regulations. *See*, Exhibit A, page 1 at Section D. The new analyzers enable the source to continuously monitor NOx emissions and allow prompt response time to address potential noncompliance and/or other matters relating to boiler operations. *Id.* Additionally, the project included the replacement of "an existing fuel gas composition analyzer for use with flow meters to monitor fuel gas composition and flow as required." *Id.* Continuous emissions monitoring systems are an integral part (if not appurtenance thereto) of air pollution control technology and a source's overall pollution control strategy, and therefore act to prevent or reduce contaminants that would otherwise be emitted to the atmosphere.
- 5. Section 11-10 of the Property Tax Code, 35 ILCS 200/11-10 (2002), defines "pollution control facilities" as:
 - "any system, method, construction, device or appliance appurtenant thereto, or any portion of any building or equipment, that is designed, constructed, installed or operated for the primary purpose of: (a) eliminating, preventing, or reducing air or water pollution... or (b) treating, pretreating, modifying or disposing of any potential solid, liquid, gaseous pollutant which if released without treatment, pretreatment, modification or disposal might be harmful, detrimental or offensive to human, plant or animal life, or to property."
- 6. Pollution control facilities are entitled to preferential tax treatment, as provided by 35 ILCS 200/11-5 (2002).
- 7. Based on information in the application and the primary purpose of the NOx Analyzer Systems to prevent, eliminate or reduce air pollution, it is the Illinois EPA's engineering judgment that the systems may be considered as "pollution control facilities" in accordance with the statutory definition and consistent with the Board's regulations at 35 Ill.

Adm. Code 125.200. [Exhibit B]. It can be noted that the Illinois EPA's evaluation is in keeping with prior recommendations, and subsequent Board action relating to the same, that involved analogous requests for tax certification.¹

8. Because the applicant's request concerning the NOx Analyzer Systems for Boiler Nos. 15, 16 and 17 of the fuel gas boilers satisfy the aforementioned criteria, the Illinois EPA recommends that the Board **issue** the applicant's requested tax certification.

Respectfully submitted by,

|s| Robb H. Qayman

Robb H. Layman Assistant Counsel

DATED: December 12, 2013

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY 1021 North Grand Avenue East P.O. Box 19276 Springfield, Illinois 62794-9276

Telephone: (217) 524-9137

¹ See, WRB Refining, LLC v. Illinois EPA, PCB No. 12-90 (order granting tax certification (air), dated February 2, 2012, for Continuous Emission Monitoring System); WRB Refining, LLC v. Illinois EPA, PCB No. 12-73 (order granting tax certification (air), dated February 2, 2012, for CEMS analyzers for furnaces); Marathon Ashland Petroleum, LLC v. Illinois EPA, PCB No 07-55 (order granting tax certification (air), dated January 26, 2007, for Continuous Emissions Monitoring System).

CERTIFICATE OF SERVICE

I hereby certify that on the 12th day of December, 2013, I electronically filed the following instruments entitled **NOTICE**, **APPEARANCE** and **RECOMMENDATION** with:

John Therriault, Clerk Illinois Pollution Control Board 100 West Randolph Street Suite 11-500 Chicago, Illinois 60601

and, further, that I did send a true and correct paper copy of the same foregoing instruments, by First Class Mail with postage thereon fully paid and deposited into the possession of the United States Postal Service, to:

Steve Santarelli Illinois Department of Revenue 101 West Jefferson P.O. Box 19033 Springfield, Illinois 62794 Michael Kemp WRB Refining, LLC 404 Phillips Building Bartlesville, Oklahoma 74004

/s/ Robb H. Layman
Robb H. Layman
Assistant Counsel

Electronic Filing - Received, Clerk's Office: 12/12/2013 - *** PCB 2014-085 *** APPLICATION FOR CERTIFICATION (PROPERTY TAX TREATMENT) This Agency is authorized to request

APPLICATION FOR CERTIFICATION (PROPERTY TAX TREATMENT POLLUTION CONTROL FACILITY

AIR ☑ WATER □

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY P. O. Box 19276, Springfield, IL 62794-9276 This Agency is authorized to request this information under Illinois Revised Statues, 1979, Chapter, 120, Section 502a-5. Disclosure of this information is voluntary. However, failure to comply could prevent your application from being processed or could result in denial of your application for certification.

	FOR ACENOVIJOE			аррисанон тог	
	FOR AGENCY USE				
File No.	The Control of the Co	Certification No.		Da	ate
Sec. A	Company Name				
	WRB Refining LLC Person Authorized to Receive Certification		Person to Cont	act for Additi	ional Details
	Michael Kemp		Gordon Terhu		orial Details
	Street Address		Street Address		
	404 Phillips Building		900 S. Centra		. Box 76
E	Municipality, State & Zip Code		Municipality, St		ode
CAN	Bartlesville, OK 74004		Roxana, IL 62		400
APPLICANT	Telephone Number		Telephone Nur		
Ā	(918) 661-9055	4	(618) 255-287		
	Location of Facility Quarter Section Township	Range	Municipality	1	ownship
	additor socion	. tarigo			
	Street Address		County	В	ook Number
	900 S. Central Ave.		Madison		
	Property Identification Number		Parcel Number		
		F = 200	19-1-08-35-00)-000-001	
Sec. B	Nature of Operations Conducted at the Above	Location			
	Petroleum Refining				
5 5					
JRIN	Water Pollution Control Construction Permit No	0.	Date Issued		
MANUFACTURING OPERATIONS	Water Pollution Control Construction Permit No.				
IUF/ PER	NPDES PERMIT No.		Date Issued		Expiration Date
MAN	IL0000205		04/14/04		04/14/09
_	Air Pollution Control Construction Permit No.		Date Issued		
	NA				
	Air Pollution Control Operating Permit No.		Date Issued		
00	95120306		11/07/03		
Sec. C	Describe Unit Process				
	Boilers 15, 16, and 17 burn refinery fuel ga	and the second second			
9 N	fired boilers produce nitrogen oxides (NOx) which is a po	ollutant release	d to the atm	nosphere. NOx is
URII	formed when nitrogen and oxygen in the combustion air combine with one another. Materials Used in Process Boiler Feed Water				
MANUFACTURIN PROCESS					
PRC					
MAN	Refinery Fuel Gas				
	Flue Gas to atmosphere				
	The Gas to authosphere				
Sec. D	Describe Dellution Abstract Control Facility				
Sec. D	Describe Pollution Abatement Control Facility				
SS	This project installed NOx analyzer system				STATE AND SPECIAL VALUE OF STATE OF STA
NTA TAIS	NOx emissions to comply with Illinois EPA	7-7-1		1,90	
Sign	composition analyzer for use with flow met				*
POLLUTION CONTROL FACILITY DESCRIPTION	project reduces air pollution as the new an	11 250 17355713 011	CONTRACTOR NAMED IN		
글들	emissions when the NOx emissions limits	95 /6	ed. This projec	t was instal	led soley as a means to
FA	measure and reduce NOx emissions to atr	nosphere.			

Tax Certification for Pollution Con.

Page 1 of 2

8/00



ec. E	(1) Natı	ire of Contaminants or Pollutants	S			
		Material Retained, Captured or Recovered				
STi		inant or Pollutant	DESCRIPTION	DISPOSAL OR USE		
	NOx		N2	N2 not converted to NOx		
NTA						
± 8						
CILI				***		
L FA	(2) Poir	t(s) of Waste Water Discharge				
POLLUTION CONTROL FACILITY – ACCOUNTING DATA CONTAI						
CON	(3) A	re contaminants (or residues) co	Plans and Specification	s Attached Yes ☑ No ☐ Yes ☐ No ☒		
NO	'	ate installation completed 05/01		on date of application 100%		
LUT FA		TOTAL INSTALLED COST	etatos of motamation of	\$ 1,061,000.00		
POL DA	(5) b		SIDEBED REAL PROPERTY:	\$ 0.00		
TING	C.		INCOME OF CONTROL FACILITY:	0.00		
OUN				0.00		
ACC	d			\$ 0.00		
Sec. F	е.		LITY BEARS TO WHOLE FACILITY	VALUE: % To Be Determined Code, as amended, and to the best of m		
SIGNATURE	knowledge, is true and correct. The facilities claimed herein are "pollution control facilities" as defined in Section 11-10 of the Illinois Property Tax Code. DIRECTOR - PTRRC					
<i>S</i>	Signature					
Sec. G		INSTRUCT	IONS FOR COMPILING AND FILING AP	PLICATION		
	General: Separate applications must be completed for each control facility claimed. Do not mix types (water and air). Where both air an water operations are related, file two applications. If attachments are needed, record them consecutively on an index sheet. Sec. A Information refers to applicant as listed in the tax records and the person to be contacted for further details or for inspection of					
	Con B	outside of municipal boundaries. The	property identification number is required			
	Sec. B	Self-explanatory. Submit copies of all	permits issued by local pollution control a	agencies. (e.g. MSD Construction Permit)		
	Sec. C Refers to manufacturing processes or materials on which pollution control facility is used.					
	Sec. D Narrative description of the pollution control facility, indicating that its primary purpose is to eliminate, prevent or reduce pollution. State the type of control facility. State permit number, date, and agency issuing permit. A narrative description and a process flow diagram describing the pollution control facility. Include a listing of each major piece of equipment included in the claimed fair cash value for real property. Include an average analysis of the influent and effluent of the control facility stating the collection efficiency.					
INSTRUCTIONS	Sec. E List air contaminants, or water pollution substances released as effluents to the manufacturing processes. List also the final disposal of any contaminants removed from the manufacturing processes. Item (1) — Refers to pollutants and contaminants removed from the process by the pollution control facility. Item (2) — Refers to water pollution but can apply to water-carried wastes from air pollution control facilities. Submit drawings, which clearly show (a) Point(s) of discharge to receiving stream, and (b) Sewers and process piping to and from the control facility. Item (3) — If the collected contaminants are disposed of other than as wastes, state the disposition of the materials, and the value in dollars reclaimed by sale or reuse of the collected substances. State the cost of reclamation and related expense. Item (4) — State the date which the pollution control facility was first placed in service and operated. If not, explain. Item (5) — This information is essential to the certification and assessment actions. This accounting data must be completed to					
	Sec. F	activate project review prior to certification by this Agency. Sec. F Self-explanatory. Signature must be a corporate authorized signature.				
		Submit to:	Attention:	Attention:		
		Illinois EPA	Al Keller	Donald E. Sutton		
		P.O. Box 19276 Springfield, IL 62794-9276	Permit Section Division of Water Pollution Control	Permit Section Division of Air Pollution Control		

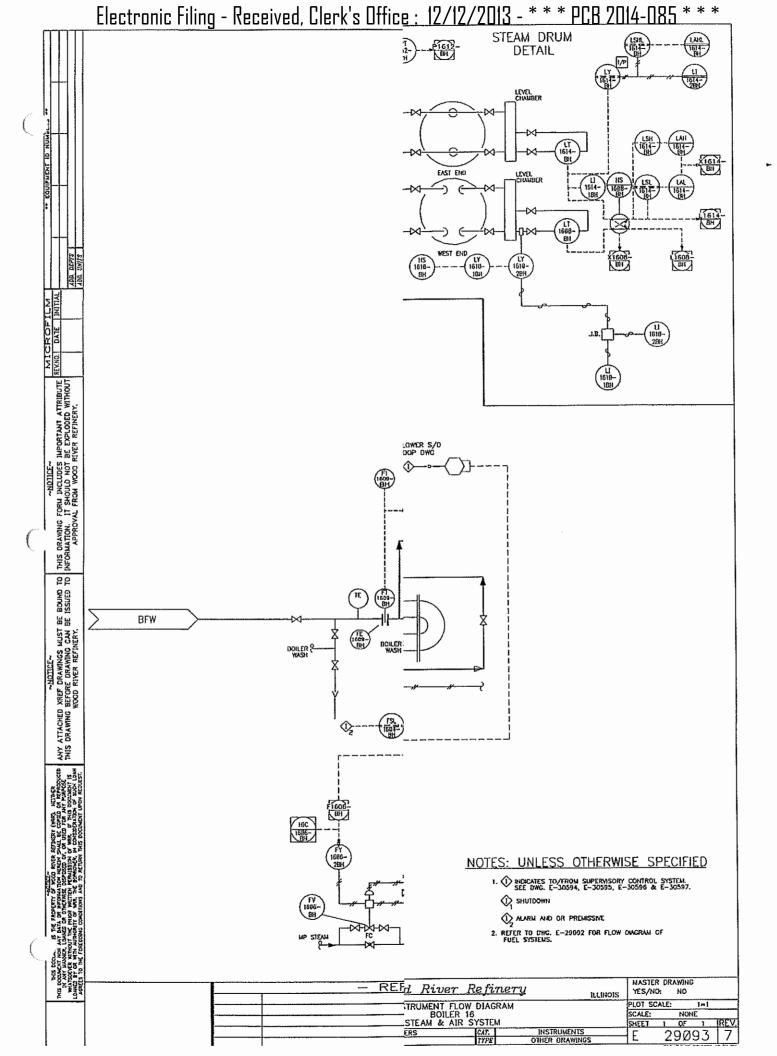
Electronic Filing - Received, Clerk's Office : 12/12/2013 - * * * PCB 2014-085 * * * GENERAL NOTES:
1) FOR LEGENDS AND SYMBOLS, GENERAL NOTES AND NOMENCLATURE, SEE DWGS. E33520, E33522, E33482, E38483, C38484 AND E38485. 2) FOR STEAM DRUM LEVEL CONTROL PAID SEE E61124 3) FOR BURNER PAID SEE EG1452, EG1453, EG1454, EG1454. TO (1500) (21) HP STEAM 744 (3~1.4D) 12" E51982 € FV 1559_ Bi f1589_ EH, 1535_ BH FT 1529 BH 8FW E52218 < FC/LP 1505 BH FE 1509_ BH ·PUW Stown OBOILER WASH FI 1565_ BH FY 1595_ 0H THIS DRAWING FORM INCLUDES IMPORTANT ATTRIBUTE INFORMATION. IT SHOULD NOT BE EXPLODED WITHOUT APPROVAL FROM WOOD RIVER REFINERY. CONTINUOUS BLOWDOWN TO MP FLASH TANK PSØ159H 유 PS0158H BOUND 1SSUED FT 1584_ BH 띪띪 1584 DH ~NOTICE~

⊃ XREF DRAWINGS MUST B

• BEFORE DRAWING CAN BI

WOOD RIVER REFINERY. TO LP FLASH TANK PSØ158H CEM BLDG INSTANTANEOUS NOX HOURLY AVERAGE 3 HR. BLOCK PART 75 02 FV 1586_ BH - F) OZONE -- C) CALIBRATION -- H) FAULT -- I) OUT OF SERVICE A1527_ B11 A1527_ BH PS9158H ST 1521_ BH \$1521 BH ST 1521, BH SE 1521_ 8H F-7215C THIS DWG REPLACES E29621 MASTER DRAWING YES/NO: YES Flood River Refinery PLOT SCALE: SCALE: BOILER 15 INDUCED DRAFT FANS F-7215 & F-7215C IR FEED WATER PREHEATER T-3175 NONE NONE OF 61123 Ε

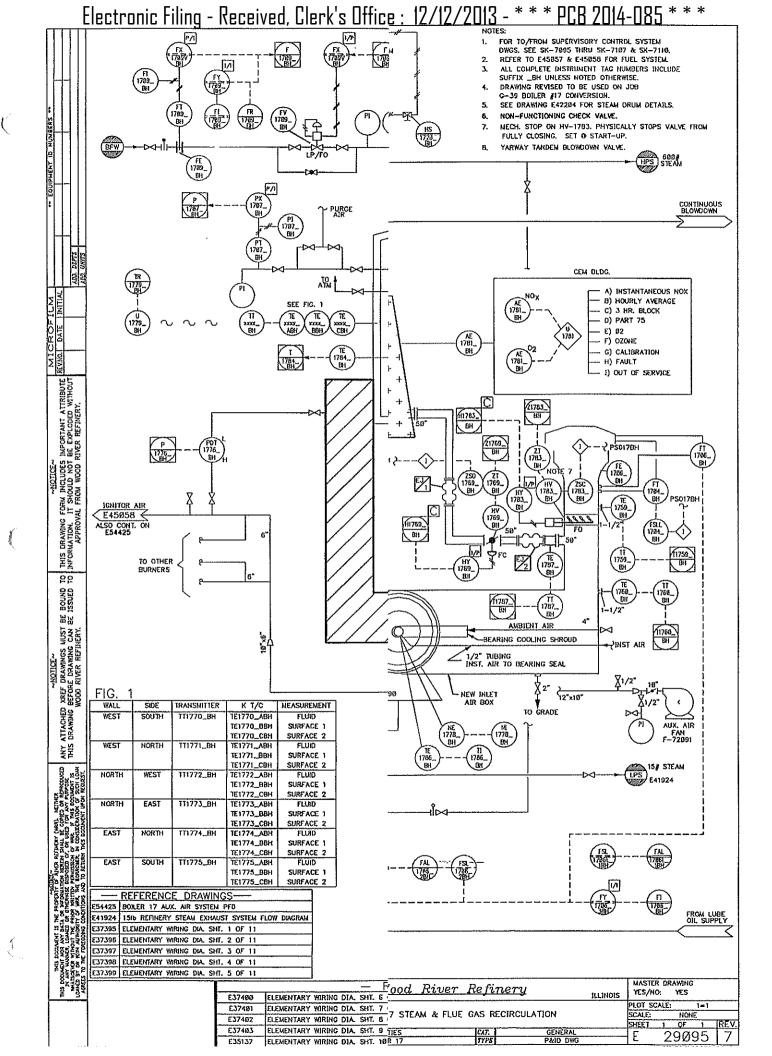
Electronic Filing - Received, Clerk's Office: 12/12/2013 - * * * PCB 2014-085 * * * NOMENCE TO SAND SYMBOLS, GENERAL NOTES AND NOMENCLATURE, SEE DWGS. E33520, E33522, E38482, E38484 AND E38485. BOILER 1519 FAIL TO CLOSE DIMENSION TYPE: DESIGN: TYPE: 319_DESIGN: 3H OPERATING: 3H MATERIAL: 119_INSULATION: 3H OPEN/CLOSE E61453 6"-AAAA1-FG-1 1/2"-ST BURNER 1 3/4 FUEL GAS €61452 PS0158H PRESSURE PRESSURE XISSEN XISSEN LOW-LOW HIGH-HIGH PRESSURE LOW-LOW THIS DRAWING FORK INCLUDES INFORKATION. IT SHOULD NOT APPROVAL FROM WOOD F PRESSURE LOW-LOW 1ST OUT 1153771 1115371 UR DH 1537H Y1537L BH BH BURNER 4 6"X4" ≥ E61455 6"-- AAAA1-FG-1 1/2"-ST BURNER 3 FUEL CAS → E61454 22 벎띪 =>≤1<u>|</u> =-EFFCRE DRAWING CAN WOOD RIVER REFINERY. BURNER 1 → E61452 BURNER 2 → E61453 1 1/2"-AAAA1-PG-1 1/2"-ST BURNER 3 ATTACHED DRAWING B PILOT GAS 3/4 → E61454 BURNER 4 PT 1526 BH > E61455 THIS PS0158H PRESSURE HIGH-HIGH LOW-LOW PRESSURE HIGH-HIGH LOW-LOW PT 1525 BH FUEL GAS 6"-AAAA1-FG-1 1/2"-ST > £46657 X15261 X15261 BH BH PRESSURE PRESSURE PRESSURE 81525H H1525L LOW-LOW TO BEU FLARE → E51994 MASTER DRAWING Wood River Refinery PLOT SCALE BOILER 15 5 FILTER/COALESCERS SCALE SHEET 61122

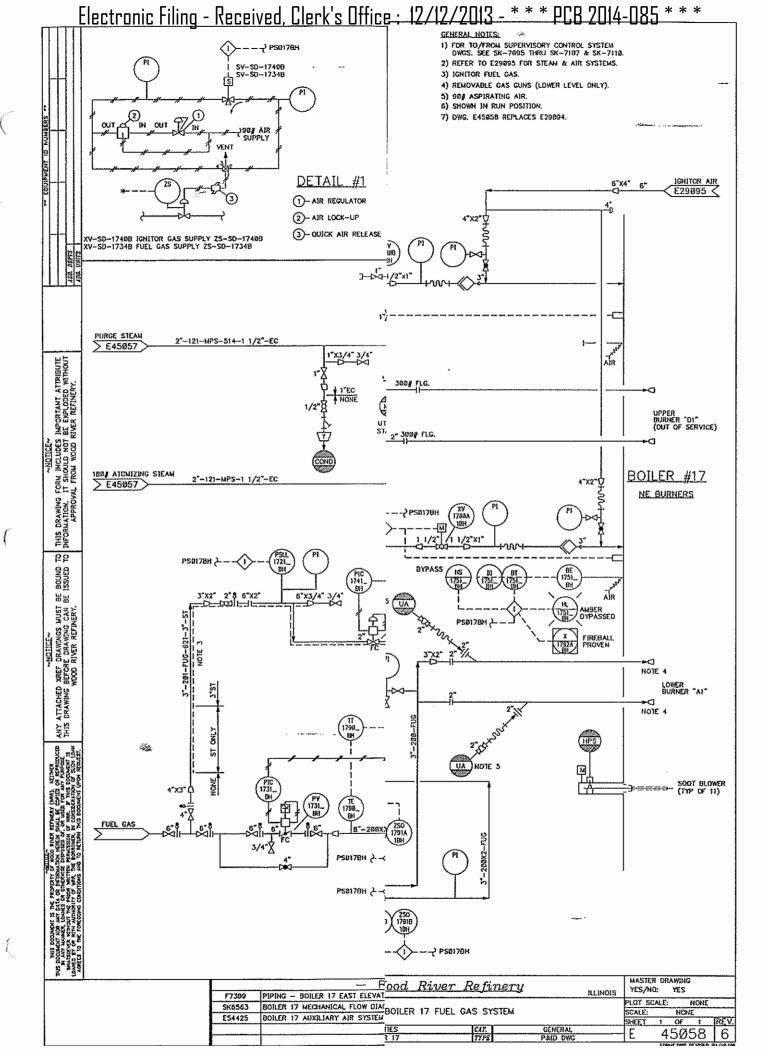


Electronic Filing - Received, Clerk's Office: 12/12/2013 - * * * PCB GENERAL NOTES: 1) DWGS. E-45658 & E-46659 REPLACE DWG. E-29092.
2) REFER TO DWG. E-29093 FOR FLOW DIAGRAM OF STEAM AND AIR SYSTEMS. INDICATES TO/FROM SUPERVISORY CONTROL SYSTEM. SEE DWG E-30504, E-30595, E-30596, & E-30507. SHUT DOWN. () ALARM AND/OR PREMISSIVE. · EQUIPMENT ID NUMBERS 90# A/S 178 CT/NC VENT PY 1634_ 28H S IMPORTANT ATTRIBUTE T BE EXPLODED WITHOUT RIVER REFINERY. UPPER BURNERS PJLOT EAST PILOT 2S 1634 18H FUEL GAS 22 BOUND ISSUED ZS 1688 201 껆絽 ~NOIICE~

O XREF DRAWINGS HUST B

REFORE DRAWING CAN BE
WOOD RIVER REFINERY. PILOT PY1649-BH PILOT GAS PY1634-1BH FUEL GAS BLK.S SHUTDOWN PILOT FLAME FAILURE (2 BURNERS) FG SUPPLY PRESS PSL1635-BH FG TO BURNERS PSLL1637--BH FG BLK. VAL. CLOSED ZS1634-19H REP-UFO SUPPLY PRESS PSLL1632-BH UFO BLK.VAL. OPEN ZS-16UFO COMBUST. AIR FLOW FSL1686-BH F.D. FAN DISCH. PSLL1617-BH I.D. FAN SUCTION PSLL1623-BH EMERGENCY TRIP LOCAL EMERGENCY TRIP SUPERVISORY PANEL EMERGENCY TRIP PNEU, HS1620-BH EMERGENCY TRIP UCC H51696-18H & 2BH MASTER DRAWING Tood River Refinery YES/NO: ILLINOIS £29893 BOILER 16 STEAM & AIR FLOW S INSTRUMENT FLOW DIAGRAM BOILER 16 FUEL & PILOT GAS SYSTEMS PLOT SCALE: TOC CONTROL SYSTEM D2Ø487 SCALE: INSTRUMENTS OTHER DRAWING CAT. TYPE 46659







ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

1021 North Grand Avenue East, P.O. Box 19506, Springfield, Illinois 62794-9506 - (217) 782-2113

PAT QUINN, GOVERNOR

LISA BONNETT, INTERIM DIRECTOR

Technical Recommendation for Tax Certification Approval

Date:

November 03, 2011

To:

Robb Layman

From:

Edwin C. Bakowski

0.7.

7 11/8/4

Subject: WRB Refining, LLC. TC-10-10-14AP

This Agency received a request on October 14, 2010 from WRB Refining, LLC. for an Illinois EPA recommendation regarding tax certification of air pollution control facilities pursuant to 35 Ill. Adm. Code 125.204. I offer the following recommendation.

The air pollution control facilities in this request include the following:

Analyzer Systems on Boilers 15, 16, and 17 stacks as the new analyzers which require boiler operation to reduce $NO_{\mathbf{x}}$ emissions. Because the primary purpose of this system is to reduce or eliminate air pollution, it is certified as a pollution control facility.

This facility is located at 900 South Central Avenue, Roxana, Madison County The property identification number is 19-1-08-35-00-000-001

Based on the information included in this submittal, it is my engineering Judgement that the proposed facility may be considered "Pollution Control Facilities" under 35 IAC 125.200(a), with the primary purpose of eliminating, preventing, or reducing air pollution, or as otherwise provided in this section, and therefore eligible for tax certification from the Illinois Pollution Control Board. Therefore, it is my recommendation that the Board issue the requested tax Certification for this facility.

FEM:psj

