

**** PCB 2006-093 ****

**BEFORE THE ILLINOIS POLLUTION CONTROL BOARD
OF THE STATE OF ILLINOIS**

MARATHON ASHLAND PETROLEUM, LLC)	
Ultraformer Vent Gas Scrubber)	
)	
)	PCB 06-
)	(Tax Certification)
PROPERTY IDENTIFICATION NUMBER)	
51-34-1-21 or portion thereof)	

APPEARANCE

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

Respectfully submitted by,

_____/s/_____
 Robb H. Layman
 Assistant Counsel

Date: December 13, 2005

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
 1021 North Grand Avenue East
 P.O. Box 19276
 Springfield, Illinois 62794-9276
 Telephone: 217/524-9137

* * * * PCB 2006-093 * * * *

**BEFORE THE ILLINOIS POLLUTION CONTROL BOARD
OF THE STATE OF ILLINOIS**

MARATHON ASHLAND PETROLEUM, LLC)
Ultraformer Vent Gas Scrubber)
)
) PCB 06-
) (Tax Certification)
PROPERTY IDENTIFICATION NUMBER)
51-34-1-21 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. In support thereof, the Illinois EPA states as follows:

1. On December 30, 2004, the Illinois EPA received a request and supporting information from MARATHON ASHLAND PETROLEUM, LLC, ("Marathon") concerning the proposed tax certification of certain air emission sources and/or equipment located at its Robinson refinery in Crawford County, Illinois. A copy of the relevant portions of the application is attached hereto. **[Exhibit A]**.

2. The applicant's address is as follows:

Marathon Ashland Petroleum, LLC
Refinery Office Building
Robinson, Illinois 62454

3. The pollution control facilities involved in this request are located at the aforementioned address and consist of the installation of equipment used in the removal of hydrogen chloride and other chloride compounds from refinery operations. The

* * * * PCB 2006-093 * * * *

equipment, described as the Ultraformer Vent Gas Scrubber, is primarily designed to act as a fixed bed adsorber that captures pollutants from the unit's vent gas streams prior to combustion in the refinery's flare system.

4. 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."

5. Pollution control facilities are entitled to preferential tax treatment, as

provided by 35 ILCS 200/11-5 (2002).

6. Based on information in the application and the underlying purpose of the

Ultraformer Vent Gas Scrubber to prevent, eliminate or reduce air pollution, it is the Illinois EPA's engineering judgment that the described project and/or equipment 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]**.

7. Because the Ultraformer Vent Gas Scrubber satisfies the aforementioned

criteria, the Illinois EPA recommends that the Board **grant** the applicant's requested tax certification.

* * * * PCB 2006-093 * * * *

Respectfully submitted by,

ILLINOIS ENVIRONMENTAL PROTECTION
AGENCY

_____/s/_____
Robb H. Layman
Assistant Counsel

DATED: December 13, 2004

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
1021 North Grand Avenue East
P.O. Box 19276
Springfield, Illinois 62794-9276
Telephone: 217/524-9137

* * * * * PCB 2006-093 * * * * *

CERTIFICATE OF SERVICE

I hereby certify that on the 13th day of December, 2005, I electronically filed the following instruments entitled **NOTICE, APPEARANCE** and **RECOMMENDATION** with:

Dorothy Gunn, 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 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

John S. Swearingen
Marathon Ashland Petroleum
Refinery Office Building
Robinson, Illinois 62454

_____/s/_____
Robb H. Layman
Assistant Counsel

*** PCB 2006-093 ***

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 Statutes, 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 AGENCY USE				
File No.	Date Received	Certification No.	Date	
Sec. A APPLICANT	Company Name Marathon Ashland Petroleum LLC			
	Person Authorized to Receive Certification John Swearingen		Person to Contact for Additional Details Dennis Baker	
	Street Address Refinery Office Building		Street Address 539 South Main Street	
	Municipality, State & Zip Code Robinson, IL 62454		Municipality, State & Zip Code Findlay, OH 45840	
	Telephone Number 618-544-2121		Telephone Number 419-421-3759	
	Location of Facility Quarter Section	Township	Range	Municipality Robinson
	Street Address Route 33		County Crawford	Township Robinson
	Property Identification Number		Book Number	Part of 51-34-1-21
	Sec. B MANUFACTURING OPERATIONS	Nature of Operations Conducted at the Above Location Petroleum Refining		
Ultraformer Vent Gas Scrubber				
Water Pollution Control Construction Permit No.		Date Issued		
NPDES PERMIT No.		Date Issued	Expiration Date	
Air Pollution Control Construction Permit No. 97050062		Date Issued June 2, 1997		
Air Pollution Control Operating Permit No. 96010007 Title V CAAPP Permit	Date Issued November 24, 2003			
Sec. C MANUFACTURING PROCESS	Describe Unit Process See Attached			
	Materials Used in Process See Attached			
Sec. D POLLUTION CONTROL FACILITY DESCRIPTION	Describe Pollution Abatement Control Facility See Attached			

AFE 264

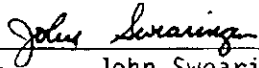
RECEIVED

DEC 30 2004

IEPA - DAPC - SPFLD

Exhibit A

*** PCB 2006-093 ***

POLLUTION CONTROL FACILITY - CONTAMINANTS	Sec. E	(1) Nature of Contaminants or Pollutants		Hydrogen Chloride and other Chloride Compounds		
		Material Retained, Captured or Recovered				
		Contaminant or Pollutant	DESCRIPTION	DISPOSAL OR USE		
		Hydrogen Chloride	Hydrogen Chloride	Vent Gas Adsorber		
		Chloride Compounds	Chloride Compounds	Vent Gas Adsorber		
		(2) Point(s) of Waste Water Discharge N/A				
			Plans and Specifications Attached	Yes XX	No	
		(3)	Are contaminants (or residues) collected by the control facility?		Yes XX	No
		(4)	Date installation completed 1997		status of installation on date of application 100%	
	ACCOUNTING DATA	(5)	a.	FAIR CASH VALUE IF CONSIDERED REAL PROPERTY:	\$	963,791
			b.	NET SALVAGE VALUE IF CONSIDERED REAL PROPERTY:	\$	14,457
			c.	PRODUCTIVE GROSS ANNUAL INCOME OF CONTROL FACILITY:	\$	200
			d.	PRODUCTIVE NET ANNUAL INCOME OF CONTROL FACILITY:	\$	200
			e.	PERCENTAGE CONTROL FACILITY BEARS TO WHOLE FACILITY VALUE:		%
	SIGNATURE	Sec. F	The following information is submitted in accordance with the Illinois Property Tax Code, as amended, and to the best of my 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.			
		 Signature John Swearingen		12/29/04 Title Illinois Refining Division Manager		
INSTRUCTIONS	Sec. G	INSTRUCTIONS FOR COMPILING AND FILING APPLICATION				
		General: Separate applications must be completed for each control facility claimed. Do not mix types (water and air). Where both air and 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 facilities. Define facility location by street address or legal description. A plat map location is required for facilities located outside of municipal boundaries. The property identification number is required.				
	Sec. B	Self-explanatory. Submit copies of all permits issued by local pollution control 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.				
	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 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 P.O. Box 19276 Springfield, IL 62794-9276	Thomas McSwiggin Permit Section Division of Water Pollution Control	Donald E. Sutton Permit Section Division of Air Pollution Control			

Section C

Describe Unit Process:

The Ultraformer vent gas scrubber is a fixed bed adsorber designed for the removal of hydrogen chloride and other chloride compounds from the unit's vent gas streams prior to combustion in the Refinery flare system. The Refinery installed this equipment for purposes of compliance with the anticipated Refinery MACT II standards for process vents from catalytic reformer units.

Before installation of the of the Ultraformer vent gas scrubber, the catalyst regeneration vent gas was routed directly to the atmosphere and the reactor vent gas stream from the unit was directed to the Refinery flare system. The installation of the Ultraformer vent gas scrubber captures both of these streams and treats them to remove the chloride compounds. After the chloride removal step, both vent streams are directed to the flare system.

The reduction of hazardous air pollutants is accomplished by the adsorption of chloride compounds onto a calcium oxide/zinc oxide medium and subsequent destruction of the remaining organic constituents by combustion in the flare.

Section C

Materials used in process:

MAP Gas, Reformate Hydrogen Rich LP-FD, MAP Gas, Regenerator Off, Saint-Gobain Norpro Denstone 2000; Sud-chemie C125-1-02

Section D

Pollution Control Facility Description

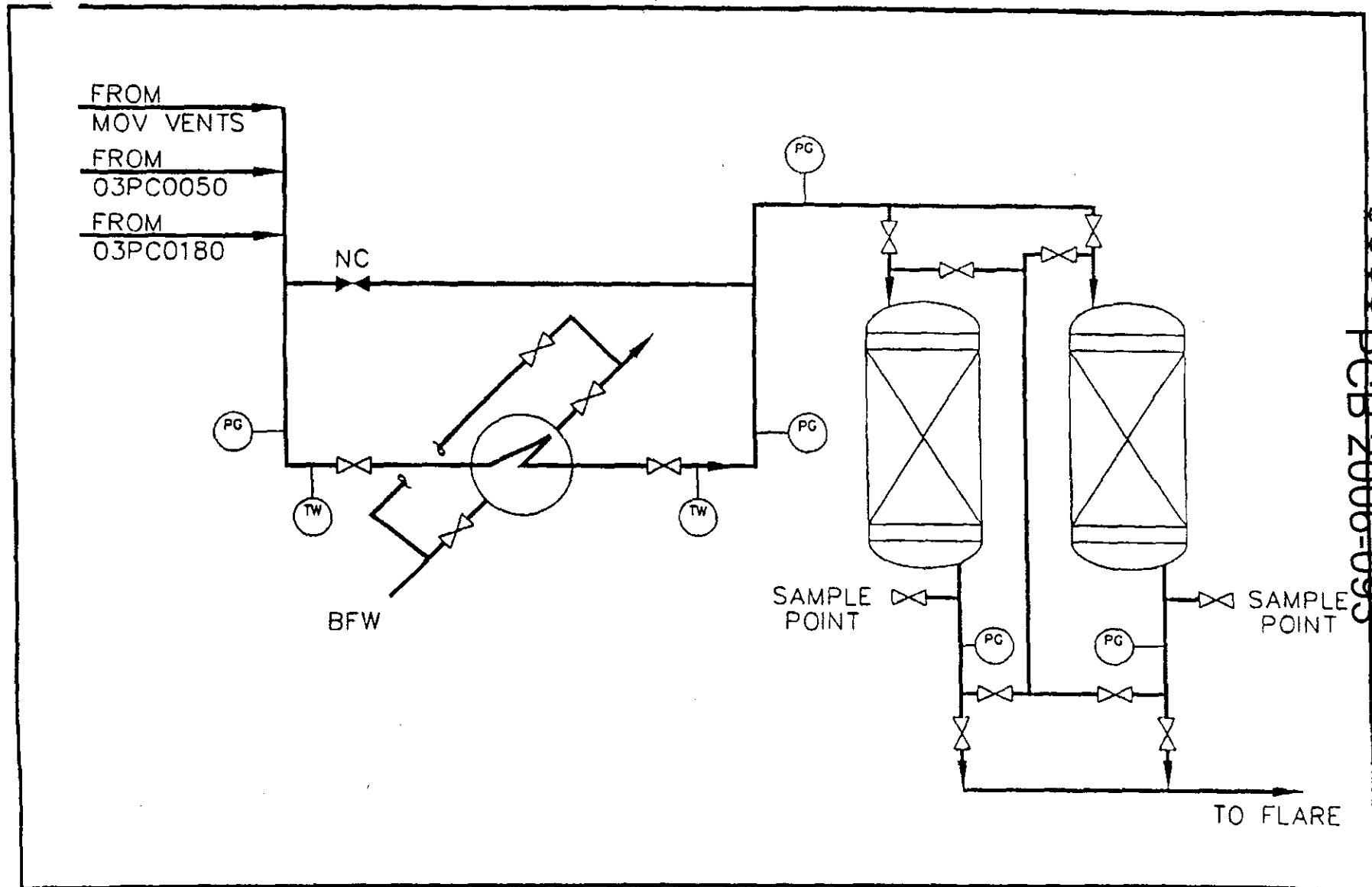
The Ultraformer vent gas scrubber is a fixed bed adsorber designed for the removal of hydrogen chloride and other chloride compounds from the unit's vent gas streams prior to combustion in the Refinery flare system. The Refinery installed this equipment for purposes of compliance with the anticipated Refinery MACT II standards for process vents from catalytic reformer units.

Before installation of the of the Ultraformer vent gas scrubber, the catalyst regeneration vent gas was routed directly to the atmosphere and the reactor vent gas stream from the unit was directed to the Refinery flare system. The installation of the Ultraformer vent gas scrubber captures both of these streams and treats them to remove the chloride compounds. After the chloride removal step, both vent streams are directed to the flare system.

The reduction of hazardous air pollutants is accomplished by the adsorption of chloride compounds onto a calcium oxide/zinc oxide medium and subsequent destruction of the remaining organic constituents by combustion in the flare.

Drawing:

Ultraformer Regeneration Vent Gas Adsorber



ELECTRONIC FILING RECEIVED, CLERK'S OFFICE, DECEMBER 13, 2009 11
PCB 2006-093



ULTRAFORMER REGENERATION VENT GAS ADSORBER



* * * * * PCB 2006-093 * * * * *

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY



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

ROD R. BLAGOJEVICH, GOVERNOR

DOUGLAS P. SCOTT, DIRECTOR

Memorandum

Technical Recommendation for Tax Certification Approval

Date: September 20, 2005
To: Robb Layman
From: Don Sutton *DES*
Subject: Marathon Ashland Petroleum LLC TC-04-30-12S

This Agency received a request on December 30, 2004 from Marathon Ashland Petroleum 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:

Ultraformer Vent Gas Scrubber whose primary purpose is to remove pollutants from the unit's vent gas streams prior to combustion in the refinery flare system. Because the primary purpose of this unit is to reduce or eliminate air pollution, it is certified as a pollution control facility.

This facility is located at 100 Marathon Avenue, Robinson
The property identification number is Part of 51-34-1-21

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.

— *Exhibit B* —