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

MARATHON ASHLAND PETROLEUM, LLC	)	
Low Temperature Thermal Desorption Process	)	
	)	
	)	PCB 06-
	)	(Tax Certification)
PROPERTY IDENTIFICATION NUMBER	)	
51-34-1-21 or portion thereof	)	

#### NOTICE

 TO: Dorothy Gunn, Clerk Illinois Pollution Control Board State of Illinois Center 100 W. Randolph Street, Suite 11-500 Chicago, Illinois 60601 John S. Swearingen Marathon Ashland Petroleum Refinery Office Building Robinson, Illinois 62454

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 <u>APPEARANCE and RECOMMENDATION</u> of the Illinois Environmental Protection Agency, a copy of which is herewith served upon the applicant and a representative of the Illinois Department of Revenue.

Respectfully submitted by,

/s/ Robb H. Layman Assistant Counsel

Date: December 22, 2005

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

MARATHON ASHLAND PETROLEUM, LLC ) Low Temperature Thermal Desorption Process ) ) 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 22, 2005

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

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

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MARATHON ASHLAND PETROLEUM, LLC Low Temperature Thermal Desorption Process

PROPERTY IDENTIFICATION NUMBER 51-34-1-21 or portion thereof

PCB 06-(Tax Certification)

### **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 POLUTION 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. The application request identified the nature of the subject operations as the Low Temperature Thermal Desorption Process (i.e., "LLTD Process"). A copy of the relevant portions of the application is attached hereto. **[Exhibit A]**.

2. On the same date, the Illinois EPA received a separate request and supporting application that identified the nature of the subject operations as the "Centrifuge Process." A copy of the relevant portions of the application is attached hereto. [Exhibit B].

3. A review of both applications reveals that the applicant is essentially seeking relief for one overall project. The application for the Centrifuge Process appears to be a part and parcel of the LLTD Process, as it matches the same general description. It is also noted that the applications share the same description of components and accounting data. For this reason, the Illinois EPA treated the applications as one.

4. The applicant's address is as follows:

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

5. The pollution control facilities involved in this request are located at the aforementioned address and, as previously, mentioned, consist of the installation of control equipment associated with the refinery's LTTD Process, which includes a centrifuge dewatering system and dryer unit. The various parts of the dewatering system include five main process units consisting of "a steam-heated mix tank, a two-stage centrifuge, a centrate holding tank, a centrifuge cake collection box, and an oil-water separation tank." The LLTD Process is designed to reduce the volume of solid wastes through a reduction in the moisture content of "influent oily soils and sludges." The process and related equipment do not constitute a pollution control device in and of itself, however, a significant component of the overall process involves a reduction in emissions of air contaminants. This component consists of the activated carbon canisters from the centrifuge system that control the captured and vented volatile organic materials from the various process units, achieving a greater than ninety-nine percent removal efficiency.

6. 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."

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

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

8. Based on information in the application and the underlying purpose of the centrifuge system's activated carbon canisters to prevent, eliminate or reduce air pollution, it is the Illinois EPA's engineering judgment that the part of 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 C].** 

9. The Illinois EPA notes that the applicant has not documented whether the cost estimate in its application is representative of the total costs for the centrifuge system's carbon canisters or the LLTD Process in its entirety. For purposes of this Tax Certification, preferential tax treatment should only be afforded to the costs of the activated carbon canister system, not the entire cost of the LLTD Process.

10. Because the activated carbon canister system satisfies the aforementioned criteria, the Illinois EPA recommends that the Board **grant** the applicant's requested tax certification as it relates to the same.

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Respectfully submitted by,

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

/s/

Robb H. Layman Assistant Counsel

DATED: December 22, 2004

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

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### **CERTIFICATE OF SERVICE**

I hereby certify that on the 22nd 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

#### APPLICATION FOR CERTIFICATION (PROPERTY TAX TREATMENT) POLLUTION CONTROL FACILITY AIR AR WATER

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ILLINOIS ENVIRONMENTAL PROTECTION AGENCY P. O. Box 19276, Springfield, IL 62794-9276

FOR AGENCY USE

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.

File No.	Date Received	Certification No.	1	Date	
Sec. A	Company Name				
	Marathon Ashland Petroleum I		Demon In Contraction A 1	We call Data ite	
	Person Authonized to Receive Certification		Person to Contact for Additional Details		
	Street Address		Uennis A. Baker		
CANT	Refinery Office Building		539 South Main Street		
	Municipality, State & Zip Code		Municipality, State & Zip Code		
	Robinson IL 62454		Findlay OH 45840		
Inda	Telephone Number		Telephone Number		
₹.	(018)544~2121		<u>(419)421-3/59</u> Municipality	Township	
	Quarter Section Township	Range		- · · · · · · · · · · · · · · · · · · ·	
			Robinson	Robinson	
	Street Address		County	Book Number	
	Property Identification Number	<u> </u>	Parcel Number		
I			Part of 51-34-1-	21	
Sec. B	Nature of Operations Conducted at the Abov	e Location			
i					
I	j retroleum ketining				
U	ITTD Process				
IRIN NIS	Weter Ballitian Control Construction Parmit No		Date Issued		
ATIO	2002-EN-2732		12-20-02		
PER	NPDES PERMIT No.		Date Issued	Expiration Date	
MAN	<u> </u>				
_	Air Pollution Control Construction Permit No.		Date issued		
	03010010 (Joint)		2-18-03		
· .	Air Pollution Control Operating Permit No.	(Ti+10 V		11 24-03	
Sec. C	Describe Unit Process CAAPP Par	<u>tritie V</u>	<u></u>		
	where the second residence is the second secon				
()	See attached				
SINC.			RECE		
UTUI CESS	Notorials Lised in Process				
ROC			DEC 3	0 2004	
NA MAN	See attached		DFC 0	דטיי ע	
-					
500 C	Describe Pollution Abatement Control Facility				
Sec. D	Describe Politition Abatement Control Facily	y.			
20 P	See attached				
E S					
N CC					
6 5≿					
252				•	
<u>a</u> 4	1				

IL 532-0222 APC 151 (Rev. 8/00) Tax Certification for Pollution Control Facilities Page 1 of 2 8/00

Exhibit A

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Sec. E	(1) Nature of Contaminants or Pollutants						
_		han M <u>aan araanaan</u> .aaa	Material Retain	ed. Caplu	red or Recove	red	
NTS	Contar	ninant or Pollutant	DESCRIPTION	D	ISPOSAL OR	USE	
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NTA				······································			
, 52	<u>_</u>	<u> </u>					
כורג						·	
OLFA	(2) Poi	nt(s) of Waste Water Discharge					
NTR		······································	Plans and Specifications A	ttached	Yes	No	
00	(3) Are contaminants (or residues) collected by the control facility?			Yes	No		
TION	(4)	Date installation completed	status of installation on o	date of ap	plication		
ATA	(5) a	. FAIR CASH VALUE IF CONSIL	ERED REAL PROPERTY:	· · · · ·	\$ 1,250 000		
20	t	NET SALVAGE VALUE IF CON	SIDERED REAL PROPERTY:		\$ 18	750	
NILN.		PRODUCTIVE GROSS ANNUA	L INCOME OF CONTROL FACILITY:		\$ 7.	4.0	
COL	(	. PRODUCTIVE NET ANNUAL I	NCOME OF CONTROL FACILITY:		\$ 72	A 0	
AC	(	PERCENTAGE CONTROL FAC	CILITY BEARS TO WHOLE FACILITY VA	LUE:	% /3	48	
Sec. F	The foll	owing information is submitted in ac	cordance with the Illinois Property Tax Co	ode, as an	ended, and to th	e best of my	
щ	knowled	lge, is true and correct. The facilitie	es claimed herein are "pollution control fac	cilities" as	defined in Sectio	on 11-10 of the	
ктОя		. 0	, ,				
igna		the Swaninga	12/29/04				
ŝ	Signati	Jre	Title				
Sec. G		INSTRUC	TIONS FOR COMPILING AND FILING APPLI	CATION			
	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	c. 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.					
INSTRUCTIONS	Sec. D	2. 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 <u>pollution control facility</u> . Include a listing of each major piece of equipment included in the claimed fair cash value for real property. Include an <u>average</u> analysis of the influent and effluent of the control facility stating the collection efficiency.					
	Sec. E	<ul> <li>Itst 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.</li> <li>Item (1) – Refers to pollutants and contaminants removed from the process by the pollution control facility.</li> <li>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.</li> <li>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.</li> <li>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</li> </ul>					
		activate project review prior to certification by this Agency.					
	Sec. F	Sen-explanatory. Signature must be a corporate autocrized signature,					
	}	Submit to:	Attention: A	ttention:			
		Itinois EPA	Thomas McSwiggin D	ionald E. Su	itton		
	Springfield, IL 62794-9276 Division of Water Pollution Control Division of A			Ivision of Ai	Air Pollution Control		
	<u> </u>	<u> </u>			·· ··		

Tax Certification for Pollution Control Facilities Page 2 of 2 8/00

#### Section C

### **Describe Unit Process:**

The Low Temperature Thermal Desorption (LTTD) process consists of a centrifuge dewatering system followed by the LTTD dryer unit. The LTTD process is designed to minimize the volume of solid waste requiring disposal by reducing the moisture content of influent oily soils and sludges. In addition, the desorption process will allow for the recovery of oil from the influent sludges for reinsertion into the refining process. Solids from the American Petroleum Institute (API) separators and dissolved nitrogen flotation (DNF) units, periodic sewer cleanouts, tank bottoms, clarified slurry oil tank solids, miscellaneous oily sludges and miscellaneous contaminated oils will be collected and first dewatered using a two-stage centrifuge dewatering system. The centrifuge dewatering system consists of five main process units: a steam-heated mix tank, a two-stage centrifuge, a centrate holding tank, a centrifuge cake collection box, and an oil-water separation tank. Cake from the centrifuge will be augered to the LTTD dryer unit. The LTTD is indirectly heated to reach temperatures of 220 degrees F, thereby further reducing the moisture content of the sludges. Cake from the LTTD dryer unit will be collected in covered roll-off boxes for subsequent disposal.

### Section C

#### Materials used in process:

Tank bottoms, clarified slurry oil tank solids, miscellaneous oily sludges and miscellaneous contaminated oils.

#### Section **D**

#### **Pollution Control Facility Description**

The LTTD process is designed to minimize the volume of solid waste requiring disposal by reducing the moisture content of influent oily soils and sludges. In addition, the desorption process will allow for the recovery of oil from the influent sludges for reinsertion into the refining process. Solids from the American Petroleum Institute (API) separators and dissolved nitrogen flotation (DNF) units, periodic sewer cleanouts, tank bottoms, clarified slurry oil tank solids, miscellaneous oily sludges and miscellaneous contaminated oils will be collected and first dewatered using a two-stage centrifuge dewatering system. The centrifuge dewatering system consists of five main process units: a steam-heated mix tank, a two-stage centrifuge, a centrate holding tank, a centrifuge cake collection box, and an oil-water separation tank. Cake from the centrifuge will be augered to the LTTD dryer unit. The LTTD is indirectly heated to reach temperatures of 220 degrees F, thereby further reducing the moisture content of the sludges. Cake from the LTTD dryer unit will be collected in covered roll-off boxes for subsequent disposal.

Section E

(1) Nature of Contaminants or Pollutants:

Hazardous Waste (Listed and non-listed)

Contaminant or Pollutant: Hazardous Waste (listed and non-listed)

Material retained, captured or recovered (description):

N/A

Plans and specifications attached YES

- (2) Are contaminants (or residues) collected by the control facility YES
- (3) Installation completed: October 2003 status of installation on date of application: 100%

(4) FOR TAX DEPARTMENT

### Process Flow Diagrams

LTTD Process Flow Diagram	A-1
Fugitive Air Emission	B-1





#### APPLICATION FOR CERTIFICATION (PROPERTY TAX TREATMENT) POLLUTION CONTROL FACILITY AIR XX WATER XX

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY P. O. Box 19276, Springfield, IL 62794-9276

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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 AGENCY USE

File No.	Date Received	Certification No.		Date	
Sec. A	Company Name	~			
	Marathon Ashland Petroleum LL	C	Porcon to Contact	or Additional Details	
	Person Authorized to Receive Certification		Person to Contact for Additional Details		
	John S. Swearingen		Street Address		
	Refinery Office Building		539 South Ma	in Street	
	Municipality, State & Zip Code		Municipality, State	& Zip Code	
ANT	Robinson IL 62454		Findlay OH 4	5840	
212	Telephone Number		Telephone Numbe	r -	
API	(618)544-2121		(419)421-375	9	
	Location of Facility	Range	Municipality	rownsnip	
	Quarter Section Township	range	Robinson	Robinson	
	Street Address		County	Book Number	
	Route 33		Crawford		
	Property Identification Number		Parcel Number	A 1 01	
		<u> </u>	Part of 51-3	54=1-21	
Sec. B	Nature of Operations Conducted at the Above	Location			
	Detusloum Dofising				
	recroieum kerining				
Ċ	Centrifuge Process				
NS	Water Pollution Control Construction Dormit h		Date issued		
D LOIL	SOO2 EN 2732		12-2	0-02	
ERA	NPDES PERMIT No.		Date Issued	Expiration Date	
AN OP					
2	Air Pollution Control Construction Permit No.		Date Issued		
	02120040 (Joint)		12-1	8-02	
	Air Pollution Control Operating Permit No.		Date Issued		
	02120040 (Joint), 96010007	<u>(Title V</u>	12-1	8-02, 11-24-03	
Sec. C	Describe Unit Process CAAPP Perr	nit)			
ç	See attached				
N N					
CES	Materials Used in Process	<u></u>	3		
PRO	Constant and			s⊌civs∪	
AAM	See attached				
_			-	DEC 3 0 2004	
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Sec. D	Describe Pollution Abstement Control Escilith		IEPA	- NAPC - SPELD	
Sec. D		7			
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IL 532-02	22 Tax Certificat	ion for Pollution Co	mtrol Facilities		النوري
APC 151	(Rev. 8/00)	Page 1 of 2 8/00			
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Sec. E	E (1) Nature of Contaminants or Pollutants								
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NTS	Conta	minant or Pollutant	DESCRIPTION		DISPOSAL OR USE				
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FAC	(2) Po	int(s) of Waste Water Discharge		L		·····			
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ILNO			Plans and Specifications	Attached	Yes	1	No		
ŭ z	(3)	Are contaminants (or residues) c	collected by the control facility?		Yes		No		
0 L	(4)	Date installation completed	status of installation o	n date of a	pplicatio	n			
ATA	(5)	a. FAIR CASH VALUE IF CONSID	ERED REAL PROPERTY:		\$ /	250	000		
2 Q 2		b. NET SALVAGE VALUE IF CON	ISIDERED REAL PROPERTY:		\$	18	<u></u>		
Ĕ	<b> </b>	. PRODUCTIVE GROSS ANNUA	ALINCOME OF CONTROL FACILITY		\$	18,	131		
- No	╞──╄╸				<u>~ ZLRO</u>				
AC					Ψ	<u></u> Zu	<u>Ko</u>		
See 5			CILITY BEARS TO WHOLE FACILITY	VALUE:	70	. 134	<u> </u>		
эес. г ш	knowle	dge, is true and correct. The facilitie	cordance with the Illinois Property Tax is claimed herein are "pollution control	Code, as an facilities" as	nended, a defined i	and to the n Section	e best of my n 11-10 of the		
LTUR .									
GNA		ly Swains	12/25/14						
ŝ	Signal		Title	-					
Sec. G		INSTRUC							
			HONG I OK COMPILING AND FILING APP	LIGATION					
	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	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.							
INSTRUCTIONS	Sec. D	Sec. D Internative 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 <u>pollution control facility</u> . Include a listing of each major piece of equipment included in the claimed fair cash value for real property. Include an <u>average</u> analysis of the influent and effluent of the control facility stating the collection efficiency.							
	Sec. E	ac. 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 the collected contaminants are disposed of other than as wastes.							
		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	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. Su Permit Sectio Division of Ali	tton n r Poltution	Control			

Tax Certification for Pollution Control Facilities Page 2 of 2 8/00

#### Section C

#### **Describe Unit Process:**

The centrifuge system is designed to minimize the volume of solid waste requiring disposal by reducing the moisture content of the influent oily soils and sludges. In addition, the dewatering process will allow for the recovery of oil from the influent sludges for reinsertion into the refining process. Solids from the American Petroleum Institute (API) separator and dissolved nitrogen flotation (DNF) unit, periodic sewer cleanouts, tank bottoms, clarified slurry oil tank solids, miscellaneous oily sludges, and miscellaneous contaminated soils will be collected and dewatered using a two-stage centrifuge dewatering system. The dewatering system consists of five main process units: a steam-heated mix tank, a two-stage centrifuge, a centrate holding tank, a centrifuge cake collection box, and an oil-water separation tank. (See Table 1 in Attachment C for the mass balance calculations used to determine the influent and effluent flow rates presented in the APC-220 form for each process unit.)

All process units will be sealed and vented emissions will pass through activated carbon canisters. The carbon canisters are designed to achieve greater than 99 percent removal of volatile organic compounds (VOCs) from the vented gases. Exhaust from the canisters will be monitored once every 24-hours during operation. When monitored exhaust gas concentrations exceed 500 parts per million (ppm<sub>v</sub>), the carbon canister will be replaced. Spent carbon canisters will be sent off-site for regeneration.

### Section C

#### Materials used in process:

Tank bottoms, clarified slurry oil tank solids, miscellaneous oily sludges and miscellaneous contaminated oils.

### Section D

#### **Pollution Control Facility Description**

The centrifuge system is designed to minimize the volume of solid waste requiring disposal by reducing the moisture content of the influent oily soils and sludges. In addition, the dewatering process will allow for the recovery of oil from the influent sludges for reinsertion into the refining process. Solids from the American Petroleum Institute (API) separator and dissolved nitrogen flotation (DNF) unit, periodic sewer cleanouts, tank bottoms, clarified slurry oil tank solids, miscellaneous oily sludges, and miscellaneous contaminated soils will be collected and dewatered using a two-stage centrifuge dewatering system. The dewatering system consists of five main process units: a steam-heated mix tank, a two-stage centrifuge, a centrate holding tank, a centrifuge cake collection box, and an oil-water separation tank. (See Table 1 in Attachment C for the mass balance calculations used to determine the influent and effluent flow rates presented in the APC-220 form for each process unit.)

### Section E

(1) Nature of Contaminants or Pollutants: Hazardous Waste (Listed and non-listed)
Contaminant or Pollutant: Hazardous Waste (listed and non-listed)
Material retained, captured or recovered (description): N/A
Plans and specifications attached YES
(2) Are contaminant (a maidwar) collected by the contaminant (culture VES)

(2) Are contaminants (or residues) collected by the control facility YES

(3) Installation completed: January 2003 status of installation on date of application: 100%

(4) FOR TAX DEPARTMENT

Process Flow Diagrams

Centrifuge Dewatering Process Flow Diagram	A-1
Process Flow Diagram	B-1





Illinois Environmental Protection Agency

P.O. Box 19506, Springfield, Illinois 62794-9506 Renee Cipriano, Director

### Memorandum

### **Technical Recommendation for Tax Certification Approval**

Date: November 02, 2005

To: Robb Layman

From: Don Sutton

Subject: Marathon Ashland Petroleum LLC TC-04-30-12B & TC-04-30-12L

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:

LTTD Process, including Centrifuge system and dryer unit, has a primary purpose is to reduce the amount of solids to be disposed of. Because the primary purpose of this process is not to reduce or eliminate air pollution, it is not certified as a pollution control facility, however, the activated carbon canisters, whose primary purpose is to reduce Volatile Organic Compounds, are 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 these carbon canisters.

ROD R. BLAGOJEVICH, GOVERNOR PRINTED ON RECYCLED PAPER

Exfisit C