

F. Company Number or Registration Number: RN102584026
(Required)

5. APPRAISAL DISTRICT WITH TAXING AUTHORITY OVER PROPERTY

A. Name of Appraisal District: Jefferson County Appraisal District

B. Appraisal District Account Number: New Account

6. CONTACT NAME (must be provided)

A. Company/Organization Name: Valero Energy Corporation

B. Name of Individual to Contact: Trey Novosad

C. Mailing Address: PO Box 690110

D. City, State, ZIP: San Antonio, TX 78269-0110

E. Telephone number and fax number: 210-345-2700 fax:210-345-2495

F. E-Mail address (if available): Trey.Novosad@Valero.com

7. RELEVANT RULE, REGULATION, OR STATUTORY PROVISION

For each of the pollution control properties listed on this application, select the type of medium or media (air, water, waste) for which the property or device is required. Use the second column to cite the specific environmental rule, regulation, and/or law that is being met or exceeded by the installation of this property. The citation should be specific and should include the section and/or subsection of the rule, regulation, and/or law. Do not list permit numbers or registration numbers in this table. If the property or equipment was installed or constructed in response to an agreed order, do not list the order — list the rule, regulation, or law that requires the installation or construction of the property.

MEDIUM	RULE/REGULATION/LAW
Air	40 CFR, PART 80, REGULATION OF FUELS AND FUEL ADDITIVES, SUBPART I, MOTOR VEHICLE, NON-ROAD LOCOMOTIVE AND MARINE DIESEL FUEL.
Water	
Waste	

8. DESCRIPTION OF PROPERTY (Complete for all applications)

Provide a description and purpose of the property for which this application is being filed. This description must include the anticipated environmental benefits for the prevention, monitoring, control, or reduction of air, water, or land pollution that will be realized by the installation of the property. Do not simply repeat the description from the predetermined equipment list. Instead describe the property and how it will be used at your facility. Include sketches of the equipment and flow diagrams of the processes where appropriate.

Land: If a use determination is being requested for land, provide a legal description and an accurate drawing of the property in question. Only that land which is actually used for pollution control purposes or that houses pollution control property is eligible for a positive use determination.

Used Equipment: If the property identified above has been purchased from another owner who previously used the property as pollution control property. Provide information that shows that the property was not taxable on or before January 1, 1994, by any taxing unit in which the property is now located.

DESCRIPTION/PURPOSE:
OF ULTRA LOW SULPHUR DIESEL PROJECT
AT VALERO'S PORT ARTHUR REFINERY

EPA's Clean Air Highway Diesel final rule known as the "2007 Heavy-Duty Highway Rule" requires a 97 percent reduction in the sulphur content of highway diesel fuel, from its previous level of 500 parts per million (ppm), to 15 ppm. By addressing diesel fuel and engines together as a single system, EPA contends that this fuels regulation will provide annual emission reductions equivalent to removing the pollution from more than 90 percent of today's trucks and buses, or about 13 million trucks and buses, when the current heavy-duty vehicle fleet has been completely replaced in 2030. The expected annual, nationwide reductions in emissions oxides of nitrogen and soot, or particulate matter (PM) from cars and trucks is estimated by EPA at 2.6 million tons and 110,000 tons respectively.

EPA required that 80% of on-road diesel contain less than 15 PPM sulphur by 2006. Valero evaluated various means to arrive at that goal and selected a new hydrotreating method as the most practical and cost efficient approach. We deemed other new, innovative technologies as relatively untested and expensive. It was decided that an end-run sulphur content of 7 PPM was a reasonable and workable target.

Accordingly, Valero Energy Corporation, at great expense, revamped and expanded its Port Arthur refinery process in order to conform to these federally mandated requirements.

As illustrated by the attached documentary materials, the above stated purpose necessitated the revamping of our south SRU and SWS desulphurization units at a cost of over \$ 23,000,000.

The revamping of the GFU 243 and GFU 241 units, at a cost of \$34,000,000, resulted in the need for a new diesel hydrotreater DHT 246 at a cost of \$112,000,000. New utilities, off-site requirements, infrastructure, and logistical improvements necessary to support this new pollution equipment raised the cost considerably. New exchangers, pumps, compressors, drums, heaters, cooling, and piping was integral to this make-over.

This project is successfully reducing to under 15 PPM the sulphur content in our production at this refinery.

EQUIPMENT LIST ULSD PROJECT AT PORT ARTHUR REFINERY	
<u>ITEM</u>	<u>COST (\$MM)</u>
• SRU Desulphurization Unit Revamp	19.0
• SWS Desulphurization Unit Revamp	1.5
• ATU – 7842	6.6
• GFU – 241	9.0
• GFU – 243	29.0
• DHT – 246	97.2
• Utilities & Off Sites	<u>29.7</u>
	192.0

9. DECISION FLOWCHART

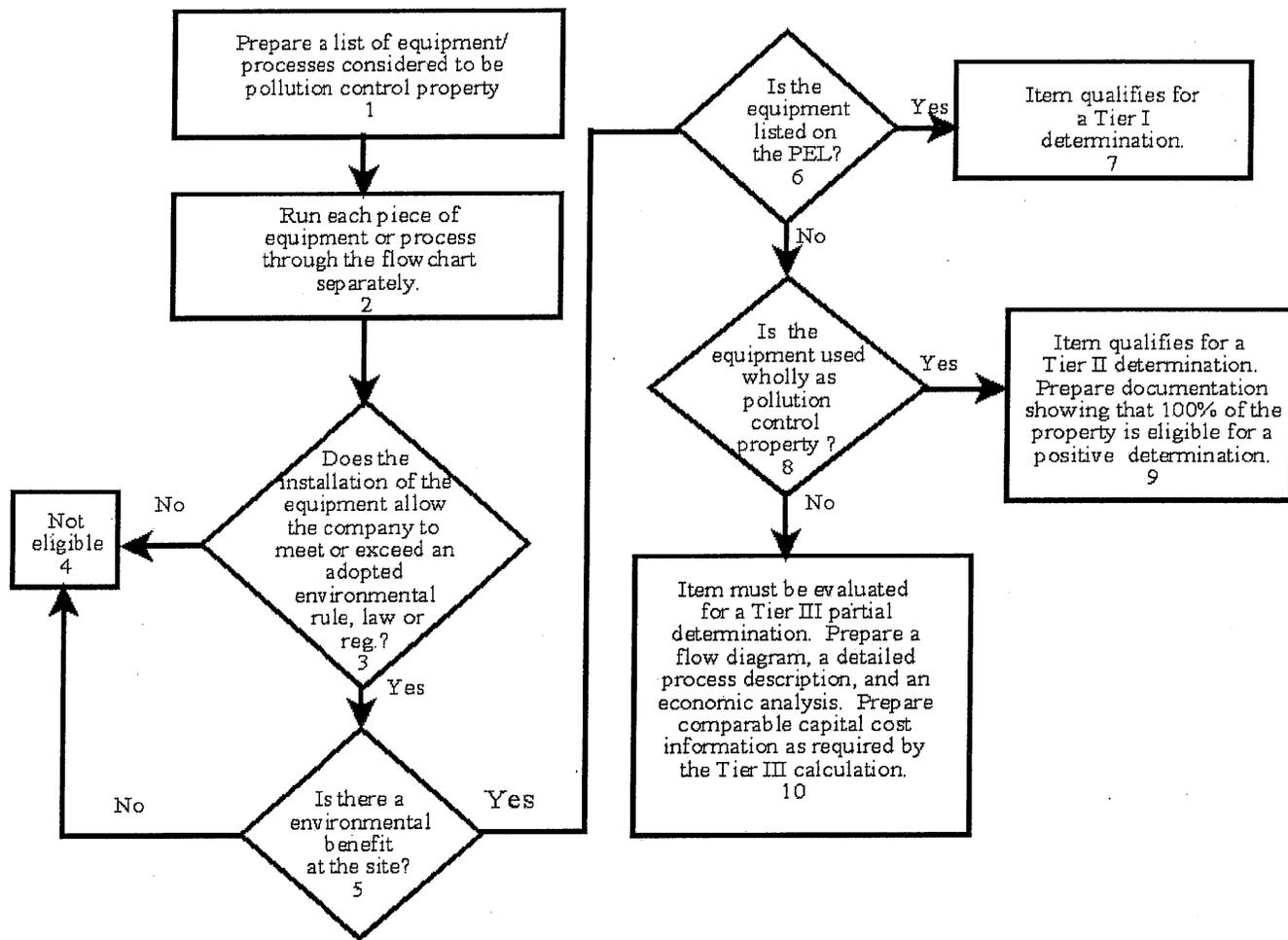
Each piece of equipment or process change must be processed through the following Decision Flow Chart. Each item of property listed on the application must result in a yes answer to boxes 3 and 5. Use the table in section 11 to document which box (7, 9 or 10) was the final destination of each piece of equipment.

The following instructions should be used with the flow chart. **The numbered items below do not correspond to the box numbers in the flow chart.**

1. Prepare a list of all process equipment and pollution control equipment that is considered to be pollution control property.
2. Each item on the list must be run through the flow chart separately. Some items will likely end at different points on the flow chart.
3. Determine whether the item is required to meet or exceed a state, local, or federal environmental regulation, rule or law. If no specific rule citation can be made, then this item does not qualify as pollution control property (Box 4).
4. Determine if there is an environmental benefit at the site where the equipment item is installed. A yes answer to this question is needed to continue evaluating the equipment. If the answer is no, then the equipment does not qualify (Box 4).
5. If the equipment is listed on the Predetermined Equipment List (PEL), then it qualifies as Tier I (Box 7). Determine the appropriate PEL number for each item.
6. Specify all PEL equipment for the project in a single list that is included with the application.
7. If the equipment is not on the PEL, then determine whether the equipment is used wholly for pollution control, i.e., the equipment is not production related and/or does not increase production or improve product quality.
8. If it is wholly for pollution control, then the equipment may qualify as 100% pollution control property under Tier II (Box 9). The applicant must provide sufficient written documentation and justification to prove that it qualifies.
9. If the equipment has both environmental and production elements, then the equipment must be evaluated as a Tier III partial determination (Box 10). The applicant must provide a detailed capital cost analysis following the procedures established in the Partial Determinations section of this document. The results of these calculations will determine the partial use percentage.

Prop 2 Decision Flow Chart

Applicants must use this flowchart for each piece of equipment or process. In order for a piece of equipment or process to be eligible for a positive use determination the item must generate 'yes' answers to the questions asked in boxes 3 and 5.



10. PARTIAL PERCENTAGE CALCULATION

This section is to be completed only for Tier III applications. Process changes or construction of new process equipment that results in pollution control may result in a partial determination. On one or more separate sheets of paper, explain how the partial percentage was determined using the Cost Analysis Procedure that is described in the attached *Instructions for Completing Application Form*. Include financial data that demonstrates how this percentage was calculated. Provide as detailed information as possible, since the information provided will be used by the TCEQ to evaluate the use percentage requested in the application. Attach sketches and/or flow diagrams showing the property and its function. Examples of partial determinations are shown in Appendix C of the technical guidance document.

11. PROPERTY CATEGORIES AND COSTS

Identify the category and the estimated purchase cost of the property listed in Section 8. List each piece of property for which a use determination is being sought. If the application is for property that is listed on the predetermined equipment list, list the appropriate item number(s) in the PEL column. Place an "N" in the second column to certify that the property was not taxable on or before January 1, 1994. Failure to answer this question for each piece of property will result in the issuance of a notice of deficiency letter and the possible rejection of the application. List the which box, (7, 9, or 10), was the final destination of each piece of property. List the estimated or actual

purchase cost of the property. If the property is not wholly used for the purpose of pollution control, list the estimated percentage of pollution control calculated using the Partial Determination Cost Analysis Procedure.

Property	Property Taxable on or Before 1/10/94	Decision Flow Chart Box 7, 8, or 10	PEL Number	Estimated Purchase Cost	Partial Percentage
Port Arthur Refinery					
Land					
Property DIESEL HYDROTREATER	N	9*	NA	\$192,000,000	100%
Totals				\$192,000,000	

12. EMISSION REDUCTION INCENTIVE GRANT

Will an application for an Emission Reduction Incentive Grant be filed for this property/project:

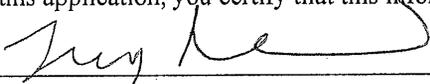
Yes No

13. APPLICATION DEFICIENCIES

After an initial review of the application, the TCEQ may determine that the information provided with the application is not sufficient to make a use determination. The TCEQ may send a notice of deficiency, requesting additional information that must be provided within 30 days of the written notice.

14. FORMAL REQUEST FOR SIGNATURE

By signing this application, you certify that this information is true to the best of your knowledge and belief.

NAME:  DATE: 01/26/2007
 TITLE: DIRECTOR - AD VALOREM TAX
 COMPANY: VALERO ENERGY CORPORATION

Under Texas Penal Code, Section 37.10, if you make a false statement on this application, you could receive a jail term of up to one year and a fine up to \$2,000, or a prison term of two to 10 years and a fine of up to \$5,000.

*** Valero believes the subject property complies with the statutory requirements for a Pollution Control Property Tax Exemption.**

Kathleen Hartnett White, *Chairman*
Larry R. Soward, *Commissioner*
Glenn Shankle, *Executive Director*



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution
February 12, 2007

VALERO ENERGY CORP
TREY NOVASAD
PO BOX 690110
SAN ANTONIO TX 78269 0110

This letter is to inform you that Use Determination Application, 06-10279 , for:

VALERO PORT ARTHUR REFINERY
1801 S GULFWAY DR
PORT ARTHUR TX 77640

was determined to be administratively complete on 2/12/2007.

The next step in the Use Determination Application process is the technical review of the application. As per the program rules, 30 TAC 17.12(2), unless additional technical information is required the technical review of this application will be completed within sixty days of the administrative complete date. The TCEQ will notify you after the technical review has been completed. In accordance with the statute, the TCEQ has mailed a notice of receipt of this Use Determination Application to the JEFFERSON County Appraisal District. Please contact the Tax Relief for Pollution Control Property Program at (512) 239-6348 if you have any questions.

Sincerely,

A handwritten signature in cursive script that reads "Ronald L Hatlett".

Ronald L Hatlett
Tax Relief for Pollution Control Property Program

Kathleen Hartnett White, *Chairman*
Larry R. Soward, *Commissioner*
Glenn Shankle, *Executive Director*



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution
February 09, 2007

CHIEF APPRAISER
JEFFERSON COUNTY APPRAISAL DISTRICT
PO BOX 21337
BEAUMONT TX 77720

This letter is to inform you that a Use Determination Application has been filed for:

PREMCOR REFINING GROUP INC
VALERO PORT ARTHUR REFINERY
1801 S GULFWAY DR
PORT ARTHUR TX 77640

a facility located in JEFFERSON County.

A copy of the use determination application is attached to this letter.

This application has been assigned a tracking number of 06 -10279. We recommend that the appraisal district notify all affected taxing entities of the filing of this application. Please contact the Tax Relief for Pollution Control Property Program at (512) 239-6348 if you have any questions.

Sincerely,

A handwritten signature in cursive script that reads "Ronald L. Hatlett".

Ronald L. Hatlett
Tax Relief for Pollution Control Property Program

Kathleen Hartnett White, *Chairman*
Larry R. Soward, *Commissioner*
H. S. Buddy Garcia, *Commissioner*
Glenn Shankle, *Executive Director*



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

April 18, 2007

VALERO ENERGY CORP
TREY NOVASAD
PO BOX 690110
SAN ANTONIO TX 78269 0110

This letter is to inform you that the technical review of Use Determination Application, 06-10279, for:

VALERO PORT ARTHUR REFINERY
1801 S GULFWAY DR
PORT ARTHUR TX 77640

has been completed. The outcome of this review is as follows:

A negative determination for this project. This application is for equipment installed in order to meet 40 CFR 80: Regulation of Fuels and Fuel Additives. This regulation requires refiners of gasoline and diesel to reduce the sulfur content in their end products. In order to qualify for a positive use determination the property in question must be processed through the Decision Flow Chart (DFC) (30 TAC 17.25). In order for the property to successfully process through the DFC, 'yes' answers must be the result of evaluating the property against boxes 3 and 4. A yes answer is received for Box 3 since 40 CFR 80 is considered to be a valid adopted rule. Box 4 requires that the installation and use of the property produces an environmental benefit at the site. When we evaluate low sulfur fuel projects with regard to Box 4 of the DFC we receive a 'no' answer. The environmental benefit of these projects occurs when the consumer uses the low sulfur content fuels. These projects do not provide an environmental benefit at the site and as projects are not eligible for positive use determinations.

Section 11.31(a) of the Tax Code reads 'A person is not entitled to an exemption from taxation under this section solely on the basis that the person manufactures or produces a product or provides a service that prevents, monitors, controls, or reduces air, water, or land pollution.' The equipment listed on this application is used for the purpose of producing a product which is designed to control air pollution, the Tax Code excludes this equipment from being eligible for a positive determination.

House Bill 3121, enacted during the 77th Legislature Session, established a process for appealing a use determination. The Texas Commission on Environmental Quality (TCEQ) rules that implement the appeals process are at 30 TAC 17.25. Pursuant to 17.25(a)(1), an appeal must be filed within 20 days of receipt of the use determination. Should you choose to appeal the use determination, please submit a copy of your appeal to the TCEQ Tax Relief for Pollution Control Property program at the time of filing the appeal with the Chief Clerk of the commission. If you have any questions or require any additional information please contact the TCEQ Tax Relief for Pollution Control Property program at (512) 239-6348.

Sincerely,

A handwritten signature in black ink, appearing to read "Ronald L. Hatlett".

Ronald L. Hatlett
Tax Relief for Pollution Control Property Program



Kathleen Hartnett White, *Chairman*
Larry R. Soward, *Commissioner*
Glenn Shankle, *Executive Director*



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

March 6, 2007

Valero Energy Corporation
Trey Novosad
PO Box 690110
San Antonio, TX 78269-0110

Mr. Novosad,

This letter is to inform you that the technical review of the following Use Determination Applications has begun:

06-10282	Diamond Shamrock - Mckee Refinery	Refinery Revamp Project
06-10283	Diamond Shamrock - Mckee Refinery	Gasoline Desulfurization Project
06-10280	Premcor Refining Grp - Port Arthur	Gasoline Desulfurization
06-10279	Premcor Refining Grp - Port Arthur	Ultra Low Sulfur Diesel Project
06-10281	Valero Refining - Houston Refinery	Gasoline Desulfurization
06-10268	Valero Refining - Houston Refinery	ULSD Houston Hydrotreater
06-10270	Valero Refining - Corpus Refinery	Gasoline Desulfurization
06-10271	Valero Refining - Corpus Refinery	Ultra Low Sulfur Diesel
06-10285	Valero Refining - Texas City Ref	ULSD Refinery Revamp
06-10284	Valero Refining - Texas City Ref	Gasoline Desulfurization Project

During the review it was determined that the following information is missing and/or incomplete:

These ten Tier II applications are for equipment installed in order to meet 40 CFR 80: Regulation of Fuels and Fuel Additives. This regulation requires refiners of gasoline and diesel to reduce the sulfur content in their end products. In order to qualify for a positive use determination the property in question must be processed through the Decision Flow Chart (DFC). In order for the property to successfully process through the DFC, 'yes' answers must be the result of evaluating the property against boxes 3 and 5. A yes answer is received for Box 3 since 40 CFR 80 is considered to be a valid adopted rule.

Box 5 requires that the installation and use of the property produces an environmental benefit at the site. When we evaluate these low sulfur projects with regard to the DFC we receive a 'no' answer at Box 5. The environmental benefit of these projects occurs when the consumer uses the low sulfur content fuels. These projects do not provide an environmental benefit at the site and as projects are not eligible for positive use determinations.

With that said, in looking at the equipment lists provided with these applications we see property which is located on the predetermined equipment list. This includes items such as Low NOx Burners. The next step is for you to perform the following:

1. Evaluate the equipment lists and remove the Tier I equipment. List these items separately in your response.
2. Evaluate the balance of the property using the DFC. If you find property which you consider to be 100% pollution control property, but which you can not find on the predetermined equipment list, list this property separately from the Tier I property. This property will be treated as Tier II property. Include an explanation of how this property serves only as pollution control with no other benefits.
3. If there is property which meets the requirements of the DFC and is used only partially for pollution control you will need to use the Cost Analysis Procedure (30 TAC 17.17) to determine the percentage of the property which qualifies as pollution control equipment.

If you decide to ask for a partial determination you will need to send an additional fee payment of \$1,500 in order to turn the application into a Tier III application.

Please provide this additional information as soon as possible. As per 30 TAC 17.12(2) the applicant must respond to a notice of deficiency (NOD) by providing the additional information required within 30 days of receipt of the NOD or the application will be returned. Once the additional information has been received the technical review of this application will resume. If you have any questions or require assistance in developing the additional required information please contact the Tax Relief for Pollution Control Property Program at (512) 239-6348. Your response may be faxed to 512/239-6763, electronically mailed to rhatlett@tceq.state.tx.us, or sent by U.S. Mail to:

Tax Relief for Pollution Control
Property Program MC110
PO Box 13087
Austin TX 78711-3087

Sincerely,



Ronald Hatlett

Tax Relief for Pollution Control Property Program

TAX RELIEF FOR POLLUTION CONTROL PROPERTY: TECHNICAL REVIEW DOCUMENT

Reviewed By: RLH App. No.: 06 - 10279 Review Start Date: 3/7/2007
Company Name: PREMCOR REFINING GROUP INC
Facility Name: VALERO PORT ARTHUR REFINERY

TIER LEVEL

What Tier is this application? The application was filed as a Tier II application.

The equipment listed on this application is not located on the predetermined equipment list. Therefore it is not a Tier I application. Further review is required in order to determine if it is correctly filed as a Tier II or if it should be a Tier III.

RELEVANT RULE, REGULATION, OR STATUTORY PROVISION

The rule listed in the application is:
40 CFR 80 I

40 CFR 80 I: AIR PROGRAMS, REGULATION OF FUELS AND FUEL ADDITIVES, Subpart I-- Motor Vehicles, Nonroad, Locomotive, And Marine Diesel Fuel. This is a valid rule.

DESCRIPTION OF PROPERTY

Description: Is an adequate description and purpose of the property provided? Does it list the anticipated environmental benefits? Are sketches and flow diagrams provided if needed?

The property is described as:

Ultra Low Sulfur Diesel Project Equipment List: SRU Desulfurization Unit Revamp, SWS Desulfurization Unit Revamp; ATU - 7842, GFU - 241; GFU - 243; DHT - 246; and Utilities & Off Sites.

This project does not make it through Box 5 with a yes answer.

DECISION FLOWCHART

Mark the appropriate boxes: Box 3 Y Box 5 N Box 6 Box 8 Box 10

Reason this box was chosen:

This project does not make it through Box 5 with a yes answer.

TIER III APPLICATIONS

Did the applicant use the CAP? Recalculate the CAP. Does your calculation agree with the applicants?

There is no Tier III calculation provided.

PROPERTY CATEGORIES AND COSTS

Is the table completed correctly? Has the applicant certified that all listed property became taxable for the first time after January 1, 1994? Is all information necessary for conducting the technical review included.

Yes

TECHNICAL REVIEW

Is the application technically complete? If the answer is no, what is missing? Provide the language used in the NOD letter. If yes then develop the use determination language.

Technically complete when received: N

1st NOD: See file

NOD RESPONSE

1st NOD: Disagree that there is not any environmental benefit at the site.

Full Property Description:

Ultra Low Sulfur Diesel Project Equipment List: SRU Desulfurization Unit Revamp, SWS Desulfurization Unit Revamp; ATU - 7842, GFU - 241; GFU - 243; DHT - 246; and Utilities & Off Sites.

DETERMINATION

Provide the reason for your determination.

Equipment fails to make it through Box 5 of the DFC. Under the rules there is only one possible outcome. An additional reason for the negative determination is 11.31a of the Tax Code. Which states that a person is not entitled to a positive determination for producing a product which controls pollution.

Provide the language for the final determination.
A negative determination for this project.

***** ED Approval Required: N *****

Reviewed by: *Gary E. McArthur*

Date: 4/13/2007

Peer Reviewed By: *Ronald A. Hatlett*

Date: 4/13/2007