



Pennsylvania Department of Environmental Protection

400 Waterfront Drive
Pittsburgh, PA 15222-4745
July 24, 2007

Southwest Regional Office

412-442-4000
Fax: 412-442-4194

Gregory L. Shaffer, P.E.
President
Keystone Renewable Energy, LLC
4000 Hempfield Plaza Boulevard
Suite 914
Greensburg, PA 15601

Re: Request for Determination of
Plan Approval/Operating Permit
Thermal Oxidizer
Somerset Methane - Shade Plant
Shade Township
Somerset County

Dear Mr. Shaffer:

After reviewing the subject Request for Determination, the Department of Environmental Protection had determined this source is exempt from the Plan Approval/Operating Permit requirements under Pa. Code Section 127.14 (a) (8).

This exemption does not affect your obligation to meet all applicable Pennsylvania Air Quality regulations for this source. Please be advised that this exemption is only valid for the equipment and emission levels identified in your Request for Determination

Should you have any questions or comments, please feel free to contact Barbara R. Hatch or myself at (412) 442-4000.

Sincerely,

Mark A. Wayner, P.E.
Regional Manager
Air Quality

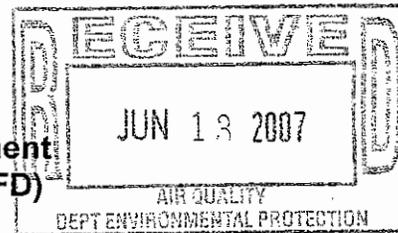
cc: 01-00101A
Harrisburg C.O.
Operations (Phil Sapala)

AUG 02 2007





COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF AIR QUALITY



**Request for Determination of Requirement
for Plan Approval/Operating Permit (RFD)**

(Submit in Triplicate)

<p>A. Application is being made for: <i>[please mark the appropriate case(s)]</i></p> <p><input checked="" type="checkbox"/> Exemption from Plan Approval <input type="checkbox"/> Exemption from Operating Permit</p> <p>Physical Changes of Minor Significance</p> <p><input type="checkbox"/> Changes Do Not Add New Equipment (See 25 Pa. Code § 127.14(c)(1)). Physical changes of minor significance must not violate the terms of an operating permit, the Pennsylvania Air Pollution Control Act (APCA), the Clean Air Act or regulations adopted thereunder. In addition, these changes can not result in emission increases above the emissions allowable in the operating permit or result in an increased ambient air quality impact for an air contaminant. Changes may be made within seven (7) days after the Department's receipt of a written request unless the Department requests additional information or objects to the changes.</p> <p><input checked="" type="checkbox"/> Changes Add New Equipment (See 25 Pa. Code § 127.14(c)(2)). Physical changes of minor significance must not violate the terms of an operating permit, the APCA, the Clean Air Act or regulations thereunder. In addition, these changes, which <u>add new equipment</u>, can not result in emission increases above the emissions allowable in the operating permit or result in an increased ambient air quality impact for an air contaminant. Changes can be made within 15 days after the Department's receipt of a written request unless the Department requests additional information or objects to the changes.</p>	
<p>B. Narrative Source Description (Include: process description, control device, exhaust volume, stack data, schematic flow diagram, material data safety sheet and any other pertinent information - attach additional sheets as needed):</p> <p>See Attached</p>	
<p>C. Facility Name Keystone Renewable Energy, LLC</p>	<p>Plant Name: Shade Plant</p>
<p>D. Mailing Address: 4000 Hempfield Plaza Boulevard, Suite 914, Greensburg, PA 15601</p>	
<p>E. Contact Person: Gregory L. Shaffer, P.E.</p>	<p>Title: President</p>
<p>F. Telephone Number: 724.838.8200 ext. 301</p>	<p>G. Federal ID #</p>
<p>H. Current Operating Permit No., if any:</p>	<p>I. Date of Installation: Planned for July 2007</p>
<p>J. Location of Source(s): Latitude - 40 degrees 07 minutes 41 seconds Longitude - 78 degrees 47 minutes 19 seconds</p>	
<p>K. Municipality/Township: Shade Township</p>	<p>County Somerset</p>
<p>I, Gregory L. Shaffer, P.E., certify under penalty of law as provided in 18 Pa. C. S.A. § 4904 and 35 P.S. § 4009(b)(2), that based on information and belief formed after reasonable inquiry, the statements and information contained in this form are true, accurate and complete.</p>	
<p>(Signed) <u></u></p>	<p>Date: <u>June 12, 2007</u></p>
<p>Name (typed) <u>Gregory L. Shaffer, P.E.</u></p>	<p>Title: <u>President</u></p>

01-101

L. Estimated Emissions (*Attach calculations and basis for estimated emissions*):

Pollutant(s)	Emissions (lbs/hr)	Emissions (tons/year)
See Attached		

M. List all source(s) exempted from permitting within last five years. This listing should include sources that were exempted under a Request for Determination for Plan Approval/Operating Permit (RFD).

Source	Date Installed	Department Determination, if any

N. Will the construction or modification of the source covered under this RFD increase emissions from other sources at the facility? Yes No

If yes, describe and quantify emission increases on separate sheet(s).

Will the construction or modification of the source be subject to 25 Pa. Code, Subchapter E, New Source Review (NSR) requirements or Prevention of Significant Deterioration (PSD) of Air Quality regulations?

Yes No

OFFICIAL USE ONLY

Date Received:

6/13/07

Reviewed By:

HATCH

- A plan approval is not required for this source. (See 25 Pa. Code § 127.14(a)(1)-(9)).
- An operating permit is not required for this source. (See 25 Pa. Code § 127.443 (a)).
- The source(s) do(es) not qualify for exemption. Applicant is required to submit a plan approval and/or operating permit application.

Signature

[Handwritten Signature]

Name and Title

Barbara R. Hatch, P.E.
Env. Eng. Mgr

Date

7/18/07

Remarks:



Pennsylvania Department of Environmental Protection

400 Waterfront Drive
Pittsburgh, PA 15222-4745
July 24, 2007

Southwest Regional Office

412-442-4000
Fax: 412-442-4194

Gregory L. Shaffer, P.E.
President
Keystone Renewable Energy, LLC
4000 Hempfield Plaze
Suite 914
Greensburg, PA 15601

Re: Request for Determination of
Plan Approval/Operating Permit
Proposed Landfill Gas Processing Plant
Somerset Methane - Southern Plant
Conemaugh Township
Cambria County

Dear Mr. Shaffer:

After reviewing the subject Request for Determination, the Department of Environmental Protection had determined this source is exempt from the Plan Approval/Operating Permit requirements under Pa. Code Section 127.14 (a) (8).

This exemption does not affect your obligation to meet all applicable Pennsylvania Air Quality regulations for this source. Please be advised that this exemption is only valid for the equipment and emission levels identified in your Request for Determination

Should you have any questions or comments, please feel free to contact Barbara R. Hatch or myself at (412) 442-4000.

Sincerely,

Mark A. Wayner, P.E.
Regional Manager
Air Quality

AUG 02 2007

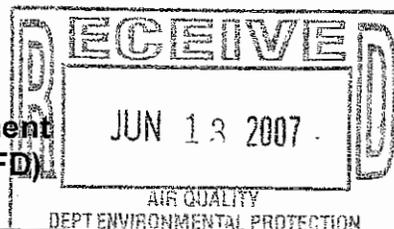
cc: 01-00102A
Harrisburg C.O.
Operations (Phil Sapala)





COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF AIR QUALITY

Request for Determination of Requirement
for Plan Approval/Operating Permit (RFD)



(Submit in Triplicate)

A. Application is being made for: <i>[please mark the appropriate case(s)]</i>	
<input checked="" type="checkbox"/> Exemption from Plan Approval	<input type="checkbox"/> Exemption from Operating Permit
Physical Changes of Minor Significance	
<input type="checkbox"/> Changes Do Not Add New Equipment (See 25 Pa. Code § 127.14(c)(1)). Physical changes of minor significance must not violate the terms of an operating permit, the Pennsylvania Air Pollution Control Act (APCA), the Clean Air Act or regulations adopted thereunder. In addition, these changes can not result in emission increases above the emissions allowable in the operating permit or result in an increased ambient air quality impact for an air contaminant. Changes may be made within seven (7) days after the Department's receipt of a written request unless the Department requests additional information or objects to the changes.	
<input checked="" type="checkbox"/> Changes Add New Equipment (See 25 Pa. Code § 127.14(c)(2)). Physical changes of minor significance must not violate the terms of an operating permit, the APCA, the Clean Air Act or regulations thereunder. In addition, these changes, which <u>add new equipment</u> , can not result in emission increases above the emissions allowable in the operating permit or result in an increased ambient air quality impact for an air contaminant. Changes can be made within 15 days after the Department's receipt of a written request unless the Department requests additional information or objects to the changes.	
B. Narrative Source Description (Include: process description, control device, exhaust volume, stack data, schematic flow diagram, material data safety sheet and any other pertinent information - attach additional sheets as needed):	
See Attached	
C. Facility Name Keystone Renewable Energy, LLC	Plant Name: Southern Alleghenies Plant
D. Mailing Address: 4000 Hempfield Plaza Boulevard, Suite 914, Greensburg, PA 15601	
E. Contact Person: Gregory L. Shaffer, P.E.	Title: President
F. Telephone Number: 724.838.8200 ext. 301	G. Federal ID #
H. Current Operating Permit No., if any:	I. Date of Installation: Planned for July 2007
J. Location of Source(s): Latitude - 40 degrees 14 minutes 01 seconds Longitude - 78 degrees 54 minutes 03 seconds	
K. Municipality/Township: Davidsville	County Somerset
I, <u>Gregory L. Shaffer, P.E.</u> , certify under penalty of law as provided in 18 Pa. C. S.A. § 4904 and 35 P.S. § 4009(b)(2), that based on information and belief formed after reasonable inquiry, the statements and information contained in this form are true, accurate and complete.	
(Signed) <u></u>	Date: <u>June 12, 2007</u>
Name (typed) <u>Gregory L. Shaffer, P.E.</u>	Title: <u>President</u>

01-102

L. Estimated Emissions (Attach calculations and basis for estimated emissions):

Pollutant(s)	Emissions (lbs/hr)	Emissions (tons/year)
See Attached		

M. List all source(s) exempted from permitting within last five years. This listing should include sources that were exempted under a Request for Determination for Plan Approval/Operating Permit (RFD).

Source	Date Installed	Department Determination, if any

N. Will the construction or modification of the source covered under this RFD increase emissions from other sources at the facility? Yes No

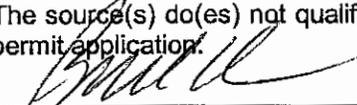
If yes, describe and quantify emission increases on separate sheet(s).

Will the construction or modification of the source be subject to 25 Pa. Code, Subchapter E, New Source Review (NSR) requirements or Prevention of Significant Deterioration (PSD) of Air Quality regulations?
 Yes No

OFFICIAL USE ONLY

Date Received: 6/15/07 Reviewed By: HATCH

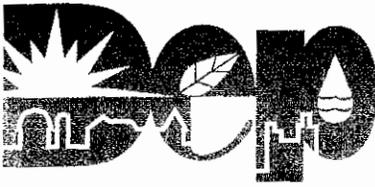
- A plan approval is not required for this source. (See 25 Pa. Code § 127.14(a)(1)-(9)).
- An operating permit is not required for this source. (See 25 Pa. Code § 127.443 (a)).
- The source(s) do(es) not qualify for exemption. Applicant is required to submit a plan approval and/or operating permit application.

Signature 

Name and Title
Barbara R. Hatch, P.E.
Env. Eng - Mgr

Date 7/18/07

Remarks:



Pennsylvania Department of Environmental Protection

400 Waterfront Drive
Pittsburgh, PA 15222-4745
July 20, 2005

Southwest Regional Office

412-442-4000
Fax 412-442-4194

Brian Stewart
Regional Engineer
Waste Management, Inc.
625 Cherrington Parkway
Moon Township, PA 15108

Re: "Request for Determination..."
Alterations to Landfill Gas Management Plan
Laurel Highlands Landfill
Jackson Township
Cambria County

Dear Mr. Stewart:

The above-referenced Form AQ-16, "Request for Determination of Requirement for Plan Approval/Operating Permit Application," was received by this office on July 11, 2005. Your plans for diverting some or all of your landfill gas from your flare to a landfill gas processing facility have been reviewed. It has been determined that the proposed alteration to your landfill gas management system is exempted from Air Quality Plan Approval/Operating Permit requirements under 25 Pa. Code § 127.14(a)(8). Our understanding from your submittal is the landfill will not experience any increase in their emissions as a result of this alteration.

Laurel Highlands Landfill is still required to keep the flare in a state of readiness at all times. Per your submittal, the operability of the flare will be demonstrated once per week during periods of inactivity. Records of operability demonstration shall be retained on site, and be made available to the Department upon request. Frequency of flare operability demonstrations may not be decreased without prior written Departmental approval.

This exemption does not affect your obligation to meet all applicable Air Quality regulations for these sources. If you have any questions, or require additional information, please feel free to contact me at 412-442-4000 (PHONE) or 412-442-4194 (FAX).

Sincerely,

Mark A. Wayner
Program Manager
Air Quality

cc: Joseph Santangelo, P.G. – Crouse & Company





Pennsylvania Department of Environmental Protection

400 Waterfront Drive
Pittsburgh, PA 15222-4745

June 9, 2006

Southwest Regional Office

412-442-4000

Fax 412-442-4194

Mr. Joseph Santangelo, P.G.
Manager, Landfill Gas Production
Keystone Renewable Energy, LLC
4000 Hempfield Plaza Boulevard
Suite 914
Greensburg, PA 15601

RM
AIR PERMITTING FILE

Plan Approval/Operating Permit Determination
PA-11-00518A
Thermal Oxidizer Unit rated at 1 mmbtu/hr.
Laurel Highlands Landfill, Inc (LHLI)
Jackson Township, Cambria County

Dear Mr. Santangelo:

The Department has reviewed the Plan Approval Application submitted by Johnstown Regional Energy for the installation and operation of Thermal Oxidizer Unit. We have determined that this installation qualifies as a physical change of minor significance in accordance with 25 PA Code Section 127.14 (a) (9).

The responsibility for maintaining compliance with other provisions of our regulations for the gas processing facility can be assigned by contract to the owner/operator of the gas processing facility. However, given the reliance of the gas processing plant on, and it's proximity to, the landfill, we consider it to be a support facility for purposes of determining applicability of various Federal and State regulations. It is therefore necessary that the Operating Permit for the Laurel Highland Landfill be modified to include the emissions of the landfill gas processing facility.

If you have any questions or require additional information, please contact this office.

Sincerely,

Mark A. Wayner
Regional Manager
Air Quality

JRE

cc: Darrl Diorio Resp. Official of Laurel Highland Landfill

