

## TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

ETAS ID: TM384149

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT		
<b>NATURE OF CONVEYANCE:</b>	MERGER		
<b>EFFECTIVE DATE:</b>	05/04/2016		
<b>CONVEYING PARTY DATA</b>			
<b>Name</b>	<b>Formerly</b>	<b>Execution Date</b>	<b>Entity Type</b>
Eco Services Operations LLC		05/04/2016	Limited Liability Company: DELAWARE
<b>RECEIVING PARTY DATA</b>			
<b>Name:</b>	PQ Corporation		
<b>Street Address:</b>	P. O. Box 840		
<b>City:</b>	Valley Forge		
<b>State/Country:</b>	PENNSYLVANIA		
<b>Postal Code:</b>	19482		
<b>Entity Type:</b>	Corporation: PENNSYLVANIA		
<b>PROPERTY NUMBERS Total: 2</b>			
<b>Property Type</b>	<b>Number</b>	<b>Word Mark</b>	
<b>Serial Number:</b>	86774978	ECOSERVICES	
<b>Serial Number:</b>	86465885	ECOSERVICES OPERATIONS	
<b>CORRESPONDENCE DATA</b>			
<b>Fax Number:</b>	4125621041		
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>			
<b>Phone:</b>	412-562-1637		
<b>Email:</b>	vicki.cremonese@bipc.com		
<b>Correspondent Name:</b>	Michael L. Dever		
<b>Address Line 1:</b>	301 Grant Street		
<b>Address Line 2:</b>	20th Floor		
<b>Address Line 4:</b>	Pittsburgh, PENNSYLVANIA 15219		
<b>ATTORNEY DOCKET NUMBER:</b>	0068905-000550		
<b>NAME OF SUBMITTER:</b>	Michael L. Dever		
<b>SIGNATURE:</b>	/Michael L. Dever/		
<b>DATE SIGNED:</b>	05/12/2016		
<b>Total Attachments: 8</b>			
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# Delaware

The First State

Page 1

I, JEFFREY W. BULLOCK, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF MERGER, WHICH MERGES:

"ECO SERVICES OPERATIONS LLC", A DELAWARE LIMITED LIABILITY COMPANY,

WITH AND INTO "PQ CORPORATION" UNDER THE NAME OF "PQ CORPORATION", A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF PENNSYLVANIA, AS RECEIVED AND FILED IN THIS OFFICE ON THE FOURTH DAY OF MAY, A.D. 2016, AT 10:20 O`CLOCK A.M.



  
Jeffrey W. Bullock, Secretary of State

6033136 8100M  
SR# 20162811207

You may verify this certificate online at [corp.delaware.gov/authver.shtml](http://corp.delaware.gov/authver.shtml)

Authentication: 202257667  
Date: 05-04-16

**TRADEMARK**  
**REEL: 005791 FRAME: 0400**

**CERTIFICATE OF MERGER  
OF  
ECO SERVICES OPERATIONS LLC  
WITH AND INTO  
PQ CORPORATION**

(Under Section 18-209 of the Delaware Limited Liability Company Act)

May 4, 2016

Pursuant to Section 18-209 of the Delaware Limited Liability Company Act, PQ Corporation, a Pennsylvania corporation (the "Company"), in connection with the merger of Eco Services Operations LLC, a Delaware limited liability company, with and into the Company (the "Merger"), hereby certifies as follows:

FIRST: The name, jurisdiction of domicile, formation or organization, and type of entity of each of the constituent entities (the "Constituent Entities") are:

<u>Name</u>	<u>Jurisdiction of Domicile, Formation or Organization</u>	<u>Type of Entity</u>
PQ Corporation	Pennsylvania	Corporation
Eco Services Operations LLC	Delaware	Limited Liability Company

SECOND: An Amended and Restated Reorganization and Transaction Agreement, dated as of May 3, 2016, by and among the Company, Eco Services Operations LLC, and the other parties thereto, as may be amended, restated, or otherwise modified from time to time (the "Transaction Agreement"), setting forth the terms and conditions of the Merger, has been approved, adopted, certified, executed and acknowledged by each of the Constituent Entities.

THIRD: The Company shall be the surviving corporation of the Merger. The name of the surviving corporation is "PQ Corporation" (the "Surviving Corporation").

FOURTH: The Certificate of Incorporation of the Surviving Corporation, as amended, in effect immediately prior to the Merger shall be the Certificate of Incorporation of the Surviving Corporation.

FIFTH: The Merger shall become effective immediately upon the filing of this Certificate of Merger with the Secretary of State of the State of Delaware.

SIXTH: The surviving foreign Corporation agrees that it may be served with process in the State of Delaware in any action, suit or proceeding for the enforcement of any obligation of any domestic limited liability company which is to merge or consolidate, and irrevocably appoints the Secretary of State as its agent to accept service of process in any such action, suit or proceeding. The address to which a copy of such process shall be mailed to by the Secretary of State is: 300 Lindenwood Drive, Valleybrooke Corporate Center, Malvern, PA 19355-1740.

SEVENTH: An executed copy of the Transaction Agreement is on file at the office of the Surviving Corporation located at 300 Lindenwood Drive, Valleybrooke Corporate Center, Malvern, PA 19355-1740. A copy of the Transaction Agreement will be furnished by the Surviving Corporation, on request and without cost, to any member or stockholder of either of the Constituent Entities.

*[The remainder of this page is intentionally left blank.]*

IN WITNESS WHEREOF, this Certificate of Merger has been executed as of the date first written above.

**PQ CORPORATION**

By: /s/ Joseph Koscinski  
Name: Joseph Koscinski  
Title: Vice President and Secretary


**ECO SERVICES OPERATIONS LLC**

By: /s/ Larry Lockwood  
Name: Larry Lockwood  
Title: Chief Financial Officer

[Certificate of Merger  
Eco Opco with and into PQ Corp]

**TRADEMARK**  
**REEL: 005791 FRAME: 0402**

PENNSYLVANIA DEPARTMENT OF STATE  
BUREAU OF CORPORATIONS AND CHARITABLE ORGANIZATIONS

<p>Return document by mail to: <u>999059650 PA 3</u></p> <p>Name _____</p> <p>Address <u>cls-ctharrisburgfulfillment</u></p> <p>City _____ State _____ Zip Code _____</p> <p><input checked="" type="checkbox"/> Return document by email to:</p>	<p>Statement of Merger DSCB:15-335 (7/1/2015)</p>  <p>TCO160504UZ0365</p>
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Read all instructions prior

Fee: \$70 plus \$40 for *each* association that is a party to the merger  
The minimum amount to be submitted with this filing is \$150

In compliance with the requirements of the applicable provisions of 15 Pa.C.S. § 335 (relating to Statement of merger), the undersigned, desiring to effect a merger, hereby states that:

A. For the surviving association:

1. The name of the surviving association is: PQ Corporation
2. The jurisdiction of formation of the surviving association: Pennsylvania
3. The type of association of the surviving association is (check only one):
  - Business Corporation
  - Nonprofit Corporation
  - Limited Liability Company
  - Limited Partnership
  - Limited Liability (General) Partnership
  - Limited Liability Limited Partnership
  - Business Trust
  - Professional Association
  - Other \_\_\_\_\_

2016 MAY -4 AM 9:42

COMM OF PA  
DEPT OF STATE

TRADEMARK  
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**C. Effective date of statement of merger (check, and if appropriate complete, one of the following):**

- This Statement of Merger shall be effective upon filing in the Department of State.
  - This Statement of Merger shall be effective on: \_\_\_\_\_ at \_\_\_\_\_.
- Date (MM/DD/YYYY) Hour (if any)

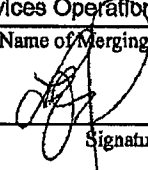
**D. Approval of merger by merging associations (check all applicable statement(s)):**

- For domestic entities – The merger was approved in accordance with 15 Pa.C.S. Chapter 3, Subchapter C (relating to merger).
- For foreign associations – The merger was approved in accordance with the laws of the jurisdiction of formation.
- For domestic associations that are not domestic entities – The merger was approved by the interest holders of the merging association in the manner required by its organic law.

**E. Attachments (see Instructions for required and optional attachments).**

IN TESTIMONY WHEREOF, the undersigned merging associations have caused this Statement of Merger to be signed by duly authorized officers thereof this 4th day of May, 20 16.

Eco Services Operations LLC  
Name of Merging Association

  
Signature

Chief Financial Officer  
Title

PQ Corporation  
Name of Merging Association

\_\_\_\_\_  
Signature

Vice President, Secretary and General Counsel  
Title

**C. Effective date of statement of merger** (check, and if appropriate complete, one of the following):

- This Statement of Merger shall be effective upon filing in the Department of State.
  - This Statement of Merger shall be effective on: \_\_\_\_\_ at \_\_\_\_\_.
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Eco Services Operations LLC  
Name of Merging Association

\_\_\_\_\_  
Signature

Chief Financial Officer  
Title

PQ Corporation  
Name of Merging Association

  
Signature

Vice President, Secretary and General Counsel  
Title