

UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION  
Washington, D.C. 20549

**SCHEDULE 13D**

Under the Securities Exchange Act of 1934  
(Amendment No. 3)\*

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**Aspen Aerogels Inc.**

(Name of Issuer)

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**Common Stock**

(Title of Class of Securities)

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**04523Y105**

(CUSIP Number)

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**RCGM, LLC  
Reservoir Capital Group, L.L.C.  
Reservoir Capital Partners (Cayman) L.P.  
RCP GP, LLC  
Reservoir Capital Partners, L.P.  
Reservoir Capital Master Fund, L.P.  
767 Fifth Avenue, 16<sup>th</sup> Floor  
New York, New York 10153  
(212) 610-9000**

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(Name, Address and Telephone Number of Person  
Authorized to Receive Notices and Communications)

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**November 30, 2017**

(Date of Event which Requires Filing of this Statement)

If the filing person has previously filed a statement on Schedule 13G to report the acquisition which is the subject of this Schedule 13D, and is filing this schedule because of Rule 13d-1(e), 13d-1(f) or 13d-1(g), check the following box.

**Note:** Schedules filed in paper format shall include a signed original and five copies of the schedule, including all exhibits. See Rule 13d-7 for other parties to whom copies are to be sent.

\*The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter disclosures provided in a prior cover page.

The information required on the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

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1	NAME OF REPORTING PERSON OR I.R.S. IDENTIFICATION NO. OF ABOVE PERSON  RCGM, LLC	
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a) <input type="checkbox"/> (b) <input checked="" type="checkbox"/>	
3	SEC USE ONLY	
4	SOURCE OF FUNDS  Not Applicable	
5	CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(d) or 2(e) <input type="checkbox"/>	
6	CITIZENSHIP OR PLACE OF ORGANIZATION  United States	
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	7	SOLE VOTING POWER  0
	8	SHARED VOTING POWER  0
	9	SOLE DISPOSITIVE POWER  0
	10	SHARED DISPOSITIVE POWER  0
11	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON  0	
12	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES <input type="checkbox"/>	
13	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11)  0	
14	TYPE OF REPORTING PERSON  OO	

1	NAME OF REPORTING PERSON OR I.R.S. IDENTIFICATION NO. OF ABOVE PERSON  Daniel H. Stern
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a) <input type="checkbox"/> (b) <input checked="" type="checkbox"/>
3	SEC USE ONLY
4	SOURCE OF FUNDS  Not Applicable
5	CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(d) or 2(e) <input type="checkbox"/>
6	CITIZENSHIP OR PLACE OF ORGANIZATION  United States
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	7 SOLE VOTING POWER  0
	8 SHARED VOTING POWER  0
	9 SOLE DISPOSITIVE POWER  0
	10 SHARED DISPOSITIVE POWER  0
11	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON  0
12	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES <input type="checkbox"/>
13	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11)  0
14	TYPE OF REPORTING PERSON  IN

1	NAME OF REPORTING PERSON OR I.R.S. IDENTIFICATION NO. OF ABOVE PERSON  Craig A. Huff	
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a) <input type="checkbox"/> (b) <input checked="" type="checkbox"/>	
3	SEC USE ONLY	
4	SOURCE OF FUNDS  Not Applicable	
5	CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(d) or 2(e) <input type="checkbox"/>	
6	CITIZENSHIP OR PLACE OF ORGANIZATION  United States	
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	7	SOLE VOTING POWER  0
	8	SHARED VOTING POWER  0
	9	SOLE DISPOSITIVE POWER  0
	10	SHARED DISPOSITIVE POWER  0
11	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON  0	
12	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES <input type="checkbox"/>	
13	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11)  0	
14	TYPE OF REPORTING PERSON  IN	

1	NAME OF REPORTING PERSON OR I.R.S. IDENTIFICATION NO. OF ABOVE PERSON  Reservoir Capital Group, L.L.C.	
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a) <input type="checkbox"/> (b) <input checked="" type="checkbox"/>	
3	SEC USE ONLY	
4	SOURCE OF FUNDS  Not Applicable	
5	CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(d) or 2(e) <input type="checkbox"/>	
6	CITIZENSHIP OR PLACE OF ORGANIZATION  United States	
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	7	SOLE VOTING POWER  0
	8	SHARED VOTING POWER  0
	9	SOLE DISPOSITIVE POWER  0
	10	SHARED DISPOSITIVE POWER  0
11	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON  0	
12	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES <input type="checkbox"/>	
13	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11)  0	
14	TYPE OF REPORTING PERSON  OO	

1	NAME OF REPORTING PERSON OR I.R.S. IDENTIFICATION NO. OF ABOVE PERSON  Reservoir Capital Partners (Cayman), L.P.
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a) <input type="checkbox"/> (b) <input checked="" type="checkbox"/>
3	SEC USE ONLY
4	SOURCE OF FUNDS  Not Applicable
5	CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(d) or 2(e) <input type="checkbox"/>
6	CITIZENSHIP OR PLACE OF ORGANIZATION  Cayman Islands
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	7  SOLE VOTING POWER  0
	8  SHARED VOTING POWER  0
	9  SOLE DISPOSITIVE POWER  0
	10  SHARED DISPOSITIVE POWER  0
11	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON  0
12	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES <input type="checkbox"/>
13	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11)  0
14	TYPE OF REPORTING PERSON  PN

1	NAME OF REPORTING PERSON OR I.R.S. IDENTIFICATION NO. OF ABOVE PERSON  RCP GP, LLC	
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a) <input type="checkbox"/> (b) <input checked="" type="checkbox"/>	
3	SEC USE ONLY	
4	SOURCE OF FUNDS  Not Applicable	
5	CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(d) or 2(e) <input type="checkbox"/>	
6	CITIZENSHIP OR PLACE OF ORGANIZATION  United States	
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	7	SOLE VOTING POWER  0
	8	SHARED VOTING POWER  0
	9	SOLE DISPOSITIVE POWER  0
	10	SHARED DISPOSITIVE POWER  0
11	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON  0	
12	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES <input type="checkbox"/>	
13	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11)  0	
14	TYPE OF REPORTING PERSON  OO	

1	NAME OF REPORTING PERSON OR I.R.S. IDENTIFICATION NO. OF ABOVE PERSON  Reservoir Capital Partners, L.P.
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a) <input type="checkbox"/> (b) <input checked="" type="checkbox"/>
3	SEC USE ONLY
4	SOURCE OF FUNDS  OO
5	CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(d) or 2(e) <input type="checkbox"/>
6	CITIZENSHIP OR PLACE OF ORGANIZATION  United States
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	7 SOLE VOTING POWER  0
	8 SHARED VOTING POWER  0
	9 SOLE DISPOSITIVE POWER  0
	10 SHARED DISPOSITIVE POWER  0
11	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON  0
12	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES <input type="checkbox"/>
13	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11)  0
14	TYPE OF REPORTING PERSON  PN



1	NAME OF REPORTING PERSON OR I.R.S. IDENTIFICATION NO. OF ABOVE PERSON  Reservoir Capital Master Fund, L.P.	
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a) <input type="checkbox"/> (b) <input checked="" type="checkbox"/>	
3	SEC USE ONLY	
4	SOURCE OF FUNDS  OO	
5	CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(d) or 2(e) <input type="checkbox"/>	
6	CITIZENSHIP OR PLACE OF ORGANIZATION  United States	
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	7	SOLE VOTING POWER  0
	8	SHARED VOTING POWER  0
	9	SOLE DISPOSITIVE POWER  0
	10	SHARED DISPOSITIVE POWER  0
11	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON  0	
12	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES <input type="checkbox"/>	
13	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11)  0	
14	TYPE OF REPORTING PERSON  PN	

This Amendment No. 3 to Schedule 13D (this “Amendment No. 3”) is being filed by RCGM, LLC, a Delaware limited liability company (“RCGM”), Mr. Daniel H. Stern, Mr. Craig A. Huff, Reservoir Capital Group, L.L.C., a Delaware limited liability company (“RCG”), Reservoir Capital Partners (Cayman), L.P., a limited partnership organized under the laws of the Cayman Islands (“RCP Cayman”), RCP GP, LLC, a Delaware limited liability company (“RCP GP”), Reservoir Capital Partners, L.P., a Delaware limited partnership (“RCP”), and Reservoir Capital Master Fund, L.P., a limited partnership organized under the laws of the Cayman Islands (“RCMF”), with respect to the beneficial ownership of the common stock, par value \$0.00001 per share (the “Common Stock”) of Aspen Aerogels Inc., a Delaware corporation (the “Company”).

Amendment No. 3 is being filed jointly by RCGM, Messrs. Stern and Huff, RCG, RCP Cayman, RCP GP, RCP and RCMF (each a “Reporting Person” and collectively the “Reporting Persons”) pursuant to a joint filing statement attached hereto as Exhibit 1 and amends the Reporting Persons’ response to Item 5 as set forth below.

**Item 5. Interest in Securities of the Issuer**

(a) - (d) Not applicable.

(e) The Reporting Persons ceased to be the beneficial owners of more than five percent of the Common Stock as of November 30, 2017.

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**SIGNATURE**

After reasonable inquiry and to the best of my knowledge and belief, the undersigned certifies that the information set forth in this statement is true, complete and correct.

Dated: December 4, 2017

**RCGM, LLC**

By: /s/ Craig A. Huff

Name: Craig A. Huff

Title: Co-Chief Executive Officer

**Daniel H. Stern**

/s/ Daniel H. Stern

Name: Daniel H. Stern

**Craig A. Huff**

/s/ Craig A. Huff

Name: Craig A. Huff

**Reservoir Capital Group, L.L.C.**

By: /s/ Craig A. Huff

Name: Craig A. Huff

Title: Co-Chief Executive Officer

**Reservoir Capital Partners (Cayman), L.P.**

By: Reservoir Capital Group, L.L.C., its general partner

By: /s/ Craig A. Huff

Name: Craig A. Huff

Title: Co-Chief Executive Officer

**RCP GP, LLC**

By: /s/ Craig A. Huff

Name: Craig A. Huff

Title: Co-Chief Executive Officer

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**Reservoir Capital Partners, L.P.**

By: RCP GP, LLC, its general partner

By: /s/ Craig A. Huff

Name: Craig A. Huff

Title: Co-Chief Executive Officer

**Reservoir Capital Master Fund, L.P.**

By: Reservoir Capital Group, L.L.C., its general partner

By: /s/ Craig A. Huff

Name: Craig A. Huff

Title: Co-Chief Executive Officer

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JOINT FILING STATEMENT  
PURSUANT TO RULE 13D-1(k)(1)

The undersigned acknowledge and agree that the foregoing statement on Schedule 13D is filed on behalf of each of the undersigned and that all subsequent amendments to this statement on Schedule 13D shall be filed on behalf of each of the undersigned without the necessity of filing additional joint acquisition statements. The undersigned acknowledge that each shall be responsible for the timely filing of such amendments, and for the completeness and accuracy of the information concerning him, her or it contained herein, but shall not be responsible for the completeness and accuracy of the information concerning the other entities or persons, except to the extent that he, she or it knows or has reason to believe that such information is accurate.

Dated: December 4, 2017

**RCGM, LLC**

By: /s/ Craig A. Huff  
Name: Craig A. Huff  
Title: Co-Chief Executive Officer

**Daniel H. Stern**

/s/ Daniel H. Stern  
Name: Daniel H. Stern

**Craig A. Huff**

/s/ Craig A. Huff  
Name: Craig A. Huff

**Reservoir Capital Group, L.L.C.**

By: /s/ Craig A. Huff  
Name: Craig A. Huff  
Title: Co-Chief Executive Officer

**Reservoir Capital Partners (Cayman), L.P.**

By: Reservoir Capital Group, L.L.C., its general partner

By: /s/ Craig A. Huff  
Name: Craig A. Huff  
Title: Co-Chief Executive Officer

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**RCP GP, LLC**

By: /s/ Craig A. Huff

Name: Craig A. Huff

Title: Co-Chief Executive Officer

**Reservoir Capital Partners, L.P.**

By: RCP GP, LLC, its general partner

By: /s/ Craig A. Huff

Name: Craig A. Huff

Title: Co-Chief Executive Officer

**Reservoir Capital Master Fund, L.P.**

By: Reservoir Capital Group, L.L.C., its general partner

By: /s/ Craig A. Huff

Name: Craig A. Huff

Title: Co-Chief Executive Officer

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