

Scopa James Paul
Form 4
February 12, 2009

FORM 4

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

OMB APPROVAL

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STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting Person *
Scopa James Paul

(Last) (First) (Middle)

C/O MPM ASSET
MANAGEMENT, 601 GATEWAY
BLVD., SUITE 350

(Street)

SOUTH SAN
FRANCISCO, CA 94080

(City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol
PEPLIN INC [PLI]

3. Date of Earliest Transaction
(Month/Day/Year)
02/11/2009

4. If Amendment, Date Original Filed(Month/Day/Year)

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

Director 10% Owner
 Officer (give title below) Other (specify below)

6. Individual or Joint/Group Filing(Check Applicable Line)

Form filed by One Reporting Person
 Form filed by More than One Reporting Person

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)	4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)	5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Beneficial Ownership (Instr. 4)
			Code	V Amount (A) or (D) Price			
Common Stock	02/11/2009		P	999 ⁽¹⁾ <u>(2)</u> A \$ 8	2,898,007	I	See Footnote <u>(3)</u>
Common Stock	02/12/2009		P	1,249 ⁽¹⁾ <u>(4)</u> A \$ 8.2	2,899,256	I	See Footnote <u>(5)</u>

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

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Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned
(e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)	5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)	7. Title and Amount of Underlying Securities (Instr. 3 and 4)	8. Price of Derivative Security (Instr. 5)	9. Number of Derivative Securities Owned Beneficially (Instr. 5)
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Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Scopa James Paul C/O MPM ASSET MANAGEMENT 601 GATEWAY BLVD., SUITE 350 SOUTH SAN FRANCISCO, CA 94080	X	X		

Signatures

/s/ James Paul
Scopa
02/12/2009
Date

**Signature of Reporting Person

Explanation of Responses:

- * If the form is filed by more than one reporting person, see Instruction 4(b)(v).
 - ** Intentional misstatements or omissions of facts constitute Federal Criminal Violations. See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).
- (1) Represents shares of Common Stock underlying CHESSE Depository Interests ("CDIs") acquired by the reporting persons. CDIs are units of beneficial ownership in shares of Common Stock held by CHESSE Depository Nominees Pty Limited, a wholly-owned subsidiary of the Australian Stock Exchange. The CDIs are economically equivalent to shares of Common Stock of the Issuer on a 1-for-20 basis.
- (2) The Common Stock equivalent of CDIs were purchased as follows: 937 by MPM BioVentures IV-QP, L.P. ("BV IV QP"), 36 by MPM BioVentures IV GmbH & Co. Beteiligungs KG ("BV IV KG") and 26 by MPM Asset Management Investors BV4 LLC ("AM BV4"). Excludes fractional shares that result from the conversion of CDIs. MPM BioVentures IV GP LLC and MPM BioVentures IV LLC are the direct and indirect general partners of BV IV QP, BV IV KG and AM BV4. The reporting person is a member of the general partner of BV IV QP, BV IV KG and a member of AM BV4. The reporting person disclaims beneficial ownership of the securities except to the extent of his pecuniary interest therein.
- (3) Shares of Common Stock, which include shares underlying CDIs are held as follows: 2,716,144 by BV IV QP, 104,635 by BV IV KG, 77,228 by AM BV4. The reporting person disclaims beneficial ownership of the securities except to the extent of his pecuniary interest

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therein.

The Common Stock equivalent of CDIs were purchased as follows: 1,171 by BV IV QP, 45 by BV IV KG and 33 by AM BV4. Excludes
(4) fractional shares that result from the conversion of CDIs. Each member of the group disclaims beneficial ownership of the securities except to the extent of his, her or its respective pecuniary interest therein.

Shares of Common Stock, which include shares underlying CDIs are held as follows: 2,717,315 by BV IV QP, 104,680 by BV IV KG,
(5) 77,261 by AM BV4. The reporting person disclaims beneficial ownership of the securities except to the extent of his pecuniary interest therein.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure.

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