Smith David J.B. Form 3 October 30, 2008

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

OMB APPROVAL

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INITIAL STATEMENT OF 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 *

Smith David J.B.

(Last)

1. Title of Security

(Instr. 4)

(First)

(Middle)

Statement

(Month/Day/Year)

10/30/2008

2. Date of Event Requiring 3. Issuer Name and Ticker or Trading Symbol

10% Owner

Other

PEPLIN INC [PLI]

4. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

CFO and Secretary

5. If Amendment, Date Original

Filed(Month/Day/Year)

C/O PEPLIN, INC., 6475 **CHRISTIE AVENUE**

(Street)

Director _X__ Officer (give title below) (specify below) 6. Individual or Joint/Group

Filing(Check Applicable Line) _X_ Form filed by One Reporting

Person

Form filed by More than One

Reporting Person

EMERYVILLE, CAÂ 94608

(City) (State)

(Zip)

Table I - Non-Derivative Securities Beneficially Owned

2. Amount of Securities Beneficially Owned

(Instr. 4)

Ownership Form:

4. Nature of Indirect Beneficial

Ownership (Instr. 5)

Direct (D) or Indirect

(I) (Instr. 5)

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

SEC 1473 (7-02)

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB control number.

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

1. Title of Derivative Security (Instr. 4)

2. Date Exercisable and **Expiration Date** (Month/Day/Year)

3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)

4. Conversion or Exercise Price of

5. Ownership Form of Derivative (Instr. 5)

6. Nature of Indirect Beneficial Ownership

Date Exercisable Expiration Date

Title Amount or Number of Shares

Derivative Security

Security: Direct (D) or Indirect

(I)

						(Instr. 5)	
Stock Option	07/01/2007	06/30/2009	Common Stock	1,500	\$ 13.72	D	Â
Stock Option	01/01/2007	12/31/2009	Common Stock	1,167	\$ 8.16	D	Â
Stock Option	01/01/2008	12/31/2010	Common Stock	1,300	\$ 12.79	D	Â
Stock Option	(1)	08/08/2011	Common Stock	7,500	\$ 12.98	D	Â
Stock Option	(2)	12/31/2011	Common Stock	5,000	\$ 15.95	D	Â
Stock Option	(3)	12/02/2017	Common Stock	11,825	\$ 13.81	D	Â

Reporting Owners

Reporting Owner Name / Address	Relationships					
· · · · · · · · · · · · · · · · · · ·	Director	10% Owner	Officer	Othe		
Smith David J.B.						
C/O PEPLIN, INC.	Â	Â	CFO and	â		
6475 CHRISTIE AVENUE	Α	A	CFO and Secretary	A		
EMERYVILLE, CA 94608						

Signatures

/s/ Candace Page, Attorney-in-Fact for David J.B.
Smith 10/30/2008

**Signature of Reporting Person Date

Explanation of Responses:

- * If the form is filed by more than one reporting person, see Instruction 5(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) Options vested in equal installments of 2,500 options per year beginning 01/01/07, until fully vested on 01/01/09.
- (2) 1,667 options vested on 01/01/07, 1,667 options vested on 01/01/08 and 1,666 options will vest on 01/01/09.
- (3) The options will vest in forty-eight (48) successive monthly installments beginning 01/03/08 until fully vested on 12/03/11.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *See* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.

Reporting Owners 2