

SECURITIES AND EXCHANGE COMMISSION

WASHINGTON, D. C. 20549

SCHEDULE 13G/A

(Amendment No. 2)

TeamStaff, Inc.

(Name of Issuer)

Common Stock, \$.001 Par Value Per Share

(Title of Class of Securities)

87815U 20 4

(CUSIP Number of Class of Securities)

December 31, 2004

(Date of Event which Requires Filing of this Statement)

Check the appropriate box to designate the rule pursuant to which this Schedule is filed:

- RULE 13d-1(b)
- RULE 13d-1(c)
- RULE 13d-1(d)

CUSIP No. 87815U 20 4

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1. NAME AND I.R.S. IDENTIFICATION NO. OF REPORTING PERSON (ENTITIES ONLY)

Wynnefield Partners Small Cap Value, L.P. 13-3688497

2. CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP*

- (a)
- (b) Reporting person is affiliated with other persons.

3. SEC USE ONLY

4. CITIZENSHIP OR PLACE OF ORGANIZATION

Delaware

5. SOLE VOTING POWER

NUMBER OF SHARES 758,600 Shares

6. SHARED VOTING POWER

BENEFICIALLY OWNED BY

7. SOLE DISPOSITIVE POWER

EACH REPORTING PERSON 758,600 Shares

8. SHARED DISPOSITIVE POWER

WITH

9. AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

758,600 Shares

10. CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES []

11. PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9

4.2% of Common Shares

12. TYPE OF REPORTING PERSON*

PN

*SEE INSTRUCTIONS BEFORE FILLING OUT!

1. NAME AND I.R.S. IDENTIFICATION NO. OF REPORTING PERSON (ENTITIES ONLY)

Wynnefield Partners Small Cap Value, L.P. I 13-3953291

2. CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP*

(a)

(b) Reporting person is affiliated with other persons.

3. SEC USE ONLY

4. CITIZENSHIP OR PLACE OF ORGANIZATION

Delaware

5. SOLE VOTING POWER

NUMBER OF SHARES 870,400 Shares

6. SHARED VOTING POWER

OWNED BY

7. SOLE DISPOSITIVE POWER

EACH REPORTING PERSON 870,400 Shares

8. SHARED DISPOSITIVE POWER

WITH

9. AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

870,400 Shares

10. CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES **11. PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9**

4.8% of Common Stock

12. TYPE OF REPORTING PERSON*

PN

1. NAME AND I.R.S. IDENTIFICATION NO. OF REPORTING PERSON (ENTITIES ONLY)
Wynnefield Small Cap Value Offshore Fund, Ltd. (No IRS Identification No.)

2. CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP*
(a)
(b) Reporting person is affiliated with other persons.

3. SEC USE ONLY

4. CITIZENSHIP OR PLACE OF ORGANIZATION

Cayman Islands

NUMBER OF	5. SOLE VOTING POWER
SHARES	544,000 Shares

BENEFICIALLY	6. SHARED VOTING POWER
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OWNED BY

EACH	7. SOLE DISPOSITIVE POWER
REPORTING	544,000 Shares

PERSON	8. SHARED DISPOSITIVE POWER
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WITH

9. AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

544,000 Shares

10. CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES

11. PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9

3.0% of Common Stock

12. TYPE OF REPORTING PERSON*

CO

*SEE INSTRUCTIONS BEFORE FILLING OUT!

1. NAME AND I.R.S. IDENTIFICATION NO. OF REPORTING PERSON (ENTITIES ONLY)

Wynnefield Capital Management, LLC 13-4018186

2. CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP*

- (a)
 (b) Reporting person is affiliated with other persons.
-

3. SEC USE ONLY

4. CITIZENSHIP OR PLACE OF ORGANIZATION

New York

NUMBER OF	5. SOLE VOTING POWER
SHARES	1,629,000 Shares(1)

BENEFICIALLY	6. SHARED VOTING POWER
OWNED BY	

EACH	7. SOLE DISPOSITIVE POWER
REPORTING	1,629,000 Shares(1)

PERSON	8. SHARED DISPOSITIVE POWER
WITH	

9. AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

1,629,000 Shares(1)

10. CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES

11. PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9

9.0% of Common Stock(1)

12. TYPE OF REPORTING PERSON*

00 (Limited Liability Company)

(1) Wynnefield Capital Management, LLC holds an indirect beneficial ownership interest in these shares which are directly beneficially owned by Wynnefield Partners Small Cap Value, L.P. and Wynnefield Partners Small Cap Value, L.P. I.

1. NAME AND I.R.S. IDENTIFICATION NO. OF REPORTING PERSON (ENTITIES ONLY)

Wynnefield Capital, Inc. (No IRS Identification No.)

2. CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP*

(a)

(b) Reporting person is affiliated with other persons.

3. SEC USE ONLY

4. CITIZENSHIP OR PLACE OF ORGANIZATION

Cayman Islands

NUMBER OF 5. SOLE VOTING POWER

SHARES 544,000 Shares (1)

BENEFICIALLY 6. SHARED VOTING POWER

OWNED BY

EACH 7. SOLE DISPOSITIVE POWER

REPORTING 544,000 Shares (1)

PERSON 8. SHARED DISPOSITIVE POWER

WITH

9. AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

544,000 Shares (1)

10. CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES*

11. PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)

3.0% of Common Stock(1)

12. TYPE OF REPORTING PERSON (See Instructions)

CO

(1) Wynnefield Capital, Inc. holds an indirect beneficial ownership interest in these shares which are directly beneficially owned by Wynnefield Small Cap Value Offshore Fund, Ltd.

ITEM 1(a). Name of Issuer:
TeamStaff, Inc.

ITEM 1(b). Address of Issuer's Principal Executive Offices:
300 Atrium Drive, Somerset, New Jersey 08873

ITEM 2(a). Names of Persons Filing:
Wynnefield Partners Small Cap Value, L.P. ("Partners")
Wynnefield Partners Small Cap Value, L.P. I ("Partners I")
Wynnefield Small Cap Value Offshore Fund, Ltd. ("Fund")
Wynnefield Capital Management, LLC ("WCM")
Wynnefield Capital, Inc. ("WCI")

ITEM 2(b). Address of Principal Business Office Or, If None, Residence:
450 Seventh Avenue, Suite 509, New York, New York 10123

ITEM 2(c). Citizenship:
Partners and Partners I are Delaware Limited Partnerships
Fund and WCI are Cayman Islands Companies
WCM is a New York Limited Liability Company

ITEM 2(d). Title of Class of Securities:
Common Stock, \$.001 Par Value Per Share

ITEM 2(e). CUSIP Number: 87815U 20 4

ITEM 3. If this Statement is filed pursuant to Rules 13d-1(b) or 13d-2(b) or (c), check whether the person filing is: None of the reporting persons is an entity specified in Rule 13d-1(b)(1)(ii).

ITEM 4. Ownership:
(a) Amount beneficially owned by all reporting persons: 2,173,000 Shares
(b) Percent of class: 12.0% of Common Stock
(c) Number of shares as to which the reporting persons have:
(i) sole power to vote or to direct the vote: 2,173,000 Shares

- (ii) shared power to vote or to direct the vote
- (iii) sole power to dispose or to direct the disposition:
2,173,000 Shares
- (iv) shared power to dispose or to direct the disposition

- ITEM 5. Ownership of five percent or less of a class.
Not applicable.
- ITEM 6. Ownership of more than five percent on behalf of another person. Not applicable.
- ITEM 7. Identification and classification of the subsidiary which acquired the security being reported on by the parent holding company.
Not applicable.
- ITEM 8. Identification and classification of members of the group.
None of the reporting persons who have filed this schedule is a person, as defined in Rule 13d-1(b)(1)(ii), promulgated pursuant to the Securities Exchange Act of 1934, as amended. The persons filing this statement are identified in Item 2 hereof.
- ITEM 9. Notice of dissolution of group.
Not applicable.
- ITEM 10. Certifications.

By signing below I certify that, to the best of my knowledge and belief, the securities referred to above were not acquired and are not held for the purpose of or with the effect of changing or influencing the control of the issuer of the securities and were not acquired and are not held in connection or as a participant in any transaction having that purpose or effect.

SIGNATURE

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

Dated: February 10, 2005

WYNNEFIELD PARTNERS SMALL CAP VALUE, L.P.

By: Wynnefield Capital Management, LLC,
General Partner

By: /s/ Nelson Obus

Nelson Obus, Managing Member

WYNNEFIELD PARTNERS SMALL CAP VALUE, L.P. I

By: Wynnefield Capital Management, LLC,
General Partner

By: /s/ Nelson Obus

Nelson Obus, Managing Member

WYNNEFIELD SMALL CAP VALUE OFFSHORE FUND, LTD.

By: Wynnefield Capital, Inc.

By: /s/ Nelson Obus

Nelson Obus, President

WYNNEFIELD CAPITAL MANAGEMENT, LLC

By: /s/ Nelson Obus

Nelson Obus, Managing Member

WYNNEFIELD CAPITAL, INC.

By: /s/ Nelson Obus

Nelson Obus, President