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

SCHEDULE 13D

(Rule 13d-101)

INFORMATION TO BE INCLUDED IN STATEMENTS FILED PURSUANT TO § 240.13d-1(a) AND AMENDMENTS THERETO FILED PURSUANT TO § 240.13d-2(a)

(Amendment No. 3)1

Merrimack Pharmaceuticals, Inc. (Name of Issuer)

Common Stock, \$0.01 par value per share (Title of Class of Securities)

590328209 (CUSIP Number)

JOSEPH F. LAWLER, M.D., Ph.D. JFL CAPITAL MANAGEMENT LLC 2110 Ranch Road 620 S, #341732 Lakeway, Texas 78734 (512) 761-4500

STEVE WOLOSKY
RYAN NEBEL
OLSHAN FROME WOLOSKY LLP
1325 Avenue of the Americas
New York, New York 10019
(212) 451-2300
(Name, Address and Telephone Number of Person
Authorized to Receive Notices and Communications)

April 15, 2019
(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 that is the subject of this Schedule 13D, and is filing this schedule because of §§ 240.13d-1(e), 240.13d-1(g), check the following box \Box .

Note: Schedules filed in paper format shall include a signed original and five copies of the schedule, including all exhibits. *See* § 240.13d-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 ("Act") 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).

1	NAME OF REPORT	ING PERSON			
	JFL Partners F	and I D			
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a) ⊠				
	(b) □				
3	SEC USE ONLY	SEC LISE ONLY			
3	SEC COL ONLI				
4	SOURCE OF FUND	S			
7					
5	WC	SCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEM 2(d) OR			
5	2(e)	SCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO TIEM 2(0) OR			
	, ,				
6	CITIZENSHIP OR P	LACE OF ORGANIZATION			
NUMBER OF	DELAWARE 7	SOLE VOTING POWER			
SHARES	/ SOLE VOTING POWER				
BENEFICIALLY OWNED BY		489,532			
EACH	8	SHARED VOTING POWER			
REPORTING		- 0 -			
PERSON WITH	9	SOLE DISPOSITIVE POWER			
		489,532			
	10	SHARED DISPOSITIVE POWER			
		- 0 -			
11	AGGREGATE AMO	UNT BENEFICIALLY OWNED BY EACH REPORTING PERSON			
	489,532				
12	CHECK BOX IF TH	E AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES			
13	PERCENT OF CLAS	SS REPRESENTED BY AMOUNT IN ROW (11)			
	3.7%				
14	TYPE OF REPORTI	NG PERSON			
	DNI				
	PN				

	NAME OF BEDODE	TING DEDGON			
1	NAME OF REPORT	IING PERSUN			
	JFL Capital M	Janagement LP			
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a) ⊠				
	(b) C				
3	SEC USE ONLY				
4	SOURCE OF FUND	os ·			
	00				
5	CHECK BOX IF DI 2(e)	SCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEM 2(d) OR			
	2(e)				
6	CITIZENSHIP OR I	PLACE OF ORGANIZATION			
	TIDYAG				
NUMBER OF	TEXAS 7	SOLE VOTING POWER			
SHARES	,	JOLE VOINGTOWER			
BENEFICIALLY		489,532			
OWNED BY	8	SHARED VOTING POWER			
EACH REPORTING		- 0 -			
PERSON WITH	9	SOLE DISPOSITIVE POWER			
		489,532			
	10	SHARED DISPOSITIVE POWER			
		- 0 -			
11	AGGREGATE AMO	DUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON			
10	489,532	TE A CORDICATE AN OLDST IN DOLL (A) EVOLUTING CORDIAN CONTROL			
12	CHECK BOX IF TH	IE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES			
13	PERCENT OF CLA	SS REPRESENTED BY AMOUNT IN ROW (11)			
1 4	3.7%	INC DEDCON			
14	TYPE OF REPORT	ING PERSUN			
	PN				

1	NAME OF REPORT	ING PERSON			
	JFL Capital Ho	aldings LLC			
2		OPRIATE BOX IF A MEMBER OF A GROUP	(a) 🗵		
	(b)				
3	SEC USE ONLY	SEC LISE ONLY			
J	SEC COL CIVET				
4	SOURCE OF FUNDS				
4	SOURCE OF FUND	J			
	00	COLOCUPE OF LEGAL PROCEEDINGS IS REQUIRED NURSULANTE TO ITEM 2/ NOR			
5	2(e)	SCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEM 2(d) OR			
6	CITIZENSHIP OR P	LACE OF ORGANIZATION			
Ů		2.102 01 0.10.11 1.21.1101.			
NUMBER OF	DELAWARE 7	SOLE VOTING POWER			
SHARES	/	SOLE VOTING POWER			
BENEFICIALLY		489,532			
OWNED BY EACH	8	SHARED VOTING POWER			
REPORTING		- 0 -			
PERSON WITH	9	SOLE DISPOSITIVE POWER			
		489,532			
	10	SHARED DISPOSITIVE POWER			
		- 0 -			
11	AGGREGATE AMO	DUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON			
	489,532				
12		E AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES			
13	PERCENT OF CLAS	SS REPRESENTED BY AMOUNT IN ROW (11)			
	3.7%				
14	TYPE OF REPORTI	NG PERSON			
	00				
	UU				

1	NAME OF REPORT	ING PERSON			
	IEI Capital Ma	anagement LLC			
2	JFL Capital Management LLC CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a) ⊠				
	(b) □				
3	SEC USE ONLY				
4	SOURCE OF FUND	S			
	00				
5		SCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEM 2(d) OR			
	2(e)				
C	CITIZENCIUD OD D	I ACE OF ODG ANIZATION			
6	CITIZENSHIP OR P.	LACE OF ORGANIZATION			
	DELAWARE				
NUMBER OF SHARES	7	SOLE VOTING POWER			
BENEFICIALLY		1,199,540			
OWNED BY	8	SHARED VOTING POWER			
EACH					
REPORTING PERSON WITH	9	- 0 - SOLE DISPOSITIVE POWER			
PERSON WITH	9	SOLE DISPOSITIVE POWER			
		1,199,540			
	10	SHARED DISPOSITIVE POWER			
		- 0 -			
11	AGGREGATE AMO	UNT BENEFICIALLY OWNED BY EACH REPORTING PERSON			
	1,199,540				
12		E AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES			
13	PERCENT OF CLAS	SS REPRESENTED BY AMOUNT IN ROW (11)			
	9.0%				
14	TYPE OF REPORTI	NG PERSON			
	00				
[L					

1	NAME OF REPORTING PERSON			
2	Joseph F. Lawl		(a) 🖾	
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a) \boxtimes (b) \square			
3	SEC USE ONLY			
4	SOURCE OF FUND	S		
	00			
5	CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEM 2(d) OR 2(e)			
6	CITIZENSHIP OR P	LACE OF ORGANIZATION		
NUMBER OF	USA 7	SOLE VOTING POWER		
SHARES	/	SOLE VOTING POWER		
BENEFICIALLY		1,199,540		
OWNED BY	8	SHARED VOTING POWER		
EACH				
REPORTING PERSON WITH	9	- 0 - SOLE DISPOSITIVE POWER		
PERSON WITH	9	SOLE DISPOSITIVE POWER		
		1,199,540		
	10	SHARED DISPOSITIVE POWER		
		- 0 -		
11	AGGREGATE AMO	DUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON		
	1,199,540			
12	CHECK BOX IF TH	E AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES		
13	PERCENT OF CLAS	SS REPRESENTED BY AMOUNT IN ROW (11)		
		. ,		
1.4	9.0%	NG PERGON		
14	TYPE OF REPORTI	NG PERSUN		
	IN			

1	NAME OF REPORT	TNG PERSON			
	22NW Fund, I				
2	CHECK THE APPR	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a) \boxtimes (b) \square			
3	SEC USE ONLY				
4	SOURCE OF FUND	S			
	WC				
5	CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEM 2(d) OR 2(e)				
6	CITIZENSHID OR D	LACE OF ORGANIZATION			
U	CITIZENSIIIF OK F	LACE OF ORGANIZATION			
	DELAWARE				
NUMBER OF	7	SOLE VOTING POWER			
SHARES BENEFICIALLY		1,241,896			
OWNED BY	8	SHARED VOTING POWER			
EACH					
REPORTING		- 0 -			
PERSON WITH	9	SOLE DISPOSITIVE POWER			
		1,241,896			
	10	SHARED DISPOSITIVE POWER			
11	ACCDEC ATE AMO	- 0 - DUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON			
11	AGGREGALE AMU	JUNI DENEFICIALLI UWINED DI EACH REPURITING PERSUN			
	1,241,896				
12	CHECK BOX IF TH	E AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES			
13	PERCENT OF CLAS	SS REPRESENTED BY AMOUNT IN ROW (11)			
	0.05				
1.4	9.3% TYPE OF REPORTI	NC DEDCON			
14	I I PE OF KEPORII	ING PERSOIN			
	PN				

1	NAME OF REPORT	ING PERSON		
	2000114 LD			
2	22NW, LP	OPRIATE BOX IF A MEMBER OF A GROUP	(a) 🗵	
2	(a) (b) (b)			
3	SEC USE ONLY			
4	SOURCE OF FUND	S		
	00			
5		SCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEM 2(d) OR		
	2(e)			
6	CITIZENSHIP OR P	LACE OF ORGANIZATION		
	DELAWARE			
NUMBER OF	7	SOLE VOTING POWER		
SHARES		4.044.000		
BENEFICIALLY OWNED BY	8	1,241,896 SHARED VOTING POWER		
EACH		SIMILED VOIMOTOWER		
REPORTING PERSON WITH	9	- 0 - SOLE DISPOSITIVE POWER		
PERSON WITH	9	SOLE DISPOSITIVE POWER		
		1,241,896		
	10	SHARED DISPOSITIVE POWER		
		- 0 -		
11	AGGREGATE AMO	UNT BENEFICIALLY OWNED BY EACH REPORTING PERSON		
	1,241,896			
12		E AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES		
13	PERCENT OF CLAS	SS REPRESENTED BY AMOUNT IN ROW (11)		
	0.30/			
14	9.3% TYPE OF REPORTI	NG PERSON		
1.				
	PN			

1	NAME OF REPORT	ING PERSON			
2	22NW Fund G		(a) 🖾		
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a) \boxtimes (b) \square				
3	SEC USE ONLY				
4	SOURCE OF FUND	S			
	00				
5	CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEM 2(d) OR 2(e)				
6	CITIZENSHIP OR P	LACE OF ORGANIZATION			
	DEL ALIADE				
NUMBER OF	DELAWARE 7	SOLE VOTING POWER			
SHARES	/	SOLE VOTING POWER			
BENEFICIALLY		1,241,896			
OWNED BY	8	SHARED VOTING POWER			
EACH					
REPORTING PERSON WITH	9	- 0 - SOLE DISPOSITIVE POWER			
PERSON WITH	9	SOLE DISPOSITIVE POWER			
		1,241,896			
	10	SHARED DISPOSITIVE POWER			
		-0-			
11	AGGREGATE AMO	UNT BENEFICIALLY OWNED BY EACH REPORTING PERSON			
	1,241,896				
12	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES □				
13	PERCENT OF CLAS	SS REPRESENTED BY AMOUNT IN ROW (11)			
	0.20/				
14	9.3% TYPE OF REPORTI	NG PERSON			
14	TITE OF REPORTS	110 I EROOM			
	00				

1	NAME OF REPORT	TING PERSON		
1	TARME OF KEFORT	IIIO I LIGON		
	Aron R. Englis	sh		
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a) ⊠			
	(b) □			
			` ,	
3	SEC USE ONLY			
4	SOURCE OF FUND	OS .		
	00			
5	00	COLOCUDE OF LEGAL PROCEEDINGS IS DECLUDED DUDGUANT TO ITEM 2/4\ OD	П	
5	2(e)	SCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEM 2(d) OR	Ш	
	2(6)			
6	CITIZENSHIP OR F	PLACE OF ORGANIZATION		
	USA			
NUMBER OF	7	SOLE VOTING POWER		
SHARES				
BENEFICIALLY		1,241,896		
OWNED BY	8	SHARED VOTING POWER		
EACH REPORTING		0		
PERSON WITH	9	- 0 - SOLE DISPOSITIVE POWER		
PERSON WITH	9	SOLE DISPOSITIVE POWER		
		1,241,896		
	10	SHARED DISPOSITIVE POWER		
		- 0 -		
11	AGGREGATE AMO	DUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON		
	1,241,896			
12	CHECK BOX IF TH	IE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES		
13	DEDCENT OF CLA	SS REPRESENTED BY AMOUNT IN ROW (11)		
12	FERCENT OF CLA	33 VELVESENTED DI VINIONILIN VOM (II)		
	9.3%			
14	TYPE OF REPORTI	ING PERSON		
	IN			

1	NAME OF REPORT	TING PERSON			
	Jason M. Arye	h			
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a) ⊠				
	(b) □				
3	SEC USE ONLY	SEC USE ONLY			
4	SOURCE OF FUND	S			
_	CALCA DON IL DA				
5	CHECK BOX IF DIS 2(e)	SCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEM 2(d) OR			
6	CITIZENSHIP OR P	LACE OF ORGANIZATION			
	USA				
NUMBER OF	7	SOLE VOTING POWER			
SHARES BENEFICIALLY		- 0 -			
OWNED BY EACH	8	SHARED VOTING POWER			
REPORTING	_	- 0 -			
PERSON WITH	9	SOLE DISPOSITIVE POWER			
	10	- 0 - SHARED DISPOSITIVE POWER			
	10				
11	AGGREGATE AMO	- 0 - DUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON			
-1-					
12	- 0 - CHECK BOX IF TH	E AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES			
13	PERCENT OF CLAS	SS REPRESENTED BY AMOUNT IN ROW (11)			
	0%				
14	TYPE OF REPORTI	NG PERSON			
	IN				

1	NAME OF REPORT	TING PERSON			
	Kenneth Lin				
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a) ⊠ (b) □				
3	SEC USE ONLY				
4	SOURCE OF FUND	SOURCE OF FUNDS			
5	CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEM 2(d) OR 2(e)				
6	CITIZENSHIP OR PLACE OF ORGANIZATION USA				
NUMBER OF SHARES BENEFICIALLY	7	SOLE VOTING POWER 5,000			
OWNED BY EACH REPORTING	8	SHARED VOTING POWER			
PERSON WITH	9	SOLE DISPOSITIVE POWER 5,000			
	10	SHARED DISPOSITIVE POWER			
11	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON				
12	5,000 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES				
13	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11)				
14	Less than 1% TYPE OF REPORT	ING PERSON			
	IN				

The following constitutes Amendment No. 3 to the Schedule 13D filed by the undersigned ("Amendment No. 3"). This Amendment No. 3 amends the Schedule 13D as specifically set forth herein.

Item 3. Source and Amount of Funds or Other Consideration.

Item 3 is hereby amended and restated to read as follows:

The Shares purchased by JFL Partners and held in the JFL Account were purchased with working capital (which may, at any given time, include margin loans made by brokerage firms in the ordinary course of business). The aggregate purchase price of the 489,532 Shares beneficially owned by JFL Partners is approximately \$1,990,598, including brokerage commissions. The aggregate purchase price of the 710,008 Shares held in the JFL Account is approximately \$2,904,248, including brokerage commissions.

The Shares purchased by 22NW Fund were purchased with working capital (which may, at any given time, include margin loans made by brokerage firms in the ordinary course of business). The aggregate purchase price of the 1,241,896 Shares beneficially owned by 22NW Fund is approximately \$5,843,160, including brokerage commissions.

The Shares purchased by Dr. Lin were purchased with personal funds (which may, at any given time, include margin loans made by brokerage firms in the ordinary course of business). The aggregate purchase price of the 5,000 Shares directly owned by Dr. Lin is approximately \$20,350, including brokerage commissions.

Item 5. <u>Interest in Securities of the Issuer.</u>

Items 5(a) and (c) are hereby amended and restated to read as follows:

(a) The aggregate percentage of Shares reported owned by each person named herein is based upon 13,342,784 Shares outstanding as of February 27, 2019, which is the total number of Shares outstanding as reported in the Issuer's annual report on Form 10-K filed with the Securities and Exchange Commission on March 6, 2019.

As of the close of business on April 17, 2019, JFL Partners directly beneficially owned 489,532 Shares, constituting approximately 3.7% of the Shares outstanding. JFL GP, as the general partner of JFL Partners, may be deemed to beneficially own the 489,532 Shares owned by JFL Partners, constituting approximately 3.7% of the Shares outstanding. JFL Holdings, as the general partner of JFL GP, may be deemed to beneficially own the 489,532 Shares owned by JFL Partners, constituting approximately 3.7% of the Shares outstanding.

As of the close of business on April 17, 2019, 710,008 Shares were held in the JFL Account, constituting approximately 5.3% of the Shares outstanding.

JFL Capital Management, as the investment manager of JFL Partners and the JFL Account, may be deemed to beneficially own the 1,199,540 Shares owned in the aggregate by JFL Partners and held in the JFL Account, constituting approximately 9.0% of the Shares outstanding. Dr. Lawler, as the Managing Member of JFL Capital Management and JFL Holdings, may be deemed to beneficially own the 1,199,540 Shares owned in the aggregate by JFL Partners and held in the JFL Account, constituting approximately 9.0% of the Shares outstanding.

As of the close of business on April 17, 2019, 22NW Fund directly beneficially owned 1,241,896 Shares, constituting approximately 9.3% of the Shares outstanding. 22NW, as the general partner and investment adviser to 22NW Fund, may be deemed to beneficially own the 1,241,896 Shares owned by 22NW Fund, constituting approximately 9.3% of the Shares outstanding. 22NW GP, as the general partner of 22NW, may be deemed to beneficially own the 1,241,896 Shares owned by 22NW Fund, constituting approximately 9.3% of the Shares outstanding. Mr. English, as the Portfolio Manager of 22NW and Managing Member of 22NW GP, may be deemed to beneficially own the 1,241,896 Shares owned by 22NW Fund, constituting approximately 9.3% of the Shares outstanding.

As of the close of business on April 17, 2019, Dr. Lin directly beneficially owned 5,000 Shares, constituting less than 1% of the Shares outstanding.

As of the close of business on April 17, 2019, Mr. Aryeh did not beneficially own any Shares, constituting 0% of the Shares outstanding.

An aggregate of 2,446,436 Shares, constituting approximately 18.3% of the Shares outstanding, are reported in this Amendment No. 3 to the Schedule 13D.

Each Reporting Person may be deemed to be a member of a "group" with the other Reporting Persons for the purposes of Section 13(d)(3) of the Securities Exchange Act of 1934, as amended, and such group may be deemed to beneficially own the 2,446,436 Shares owned in the aggregate by all of the Reporting Persons. Each Reporting Person disclaims beneficial ownership of the Shares that he or it does not directly own.

(c) Schedule A annexed hereto lists all transactions in securities of the Issuer by the Reporting Persons since the filing of Amendment No. 2 to the Schedule 13D. All of such transactions were effected in the open market.

SIGNATURES

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

Dated: April 17, 2019

JFL PARTNERS FUND LP

By: JFL Capital Management LP

General Partner

By: JFL Capital Holdings LLC

General Partner

By: /s/ Joseph F. Lawler

Name: Joseph F. Lawler Title: Managing Member

JFL CAPITAL MANAGEMENT LP

By: JFL Capital Holdings LLC

General Partner

By: /s/ Joseph F. Lawler

Name: Joseph F. Lawler Title: Managing Member

JFL CAPITAL HOLDINGS LLC

By: /s/ Joseph F. Lawler

Name: Joseph F. Lawler Title: Managing Member

JFL CAPITAL MANAGEMENT LLC

By: /s/ Joseph F. Lawler

Name: Joseph F. Lawler Title: Managing Member

/s/ Joseph F. Lawler

JOSEPH F. LAWLER

Individually and as attorney-in-fact for Jason M. Aryeh and Kenneth Lin

22NW FUND, LP

By: 22NW, LP

General Partner and Investment Adviser

By: 22NW Fund GP, LLC

General Partner

By: /s/ Aron R. English

Name: Aron R. English Title: Managing Member

22NW, LP

By: 22NW Fund GP, LLC

General Partner

By: /s/ Aron R. English

Name: Aron R. English
Title: Managing Member

22NW FUND GP, LLC

By: /s/ Aron R. English

Name: Aron R. English
Title: Managing Member

/s/ Aron R. English

ARON R. ENGLISH

SCHEDULE A

Transactions in Securities of the Issuer Since the Filing of Amendment No. 2 to the Schedule 13D

	Securities	Price Per	Date of
Nature of the Transaction	Purchased/(Sold)	<u>Share(\$)</u>	<u>Purchase/Sale</u>
	JFL PARTNE	RS FUND LP	
Purchase of Common Stock ¹	4,506	5.7264	04/08/2019
Turestage of Common Stock			
	JFL CAPITAL MAI	-	
	(Through the .	JFL Account)	
Purchase of Common Stock ²	26,288	5.9520	04/05/2019
Purchase of Common Stock ¹	6,484	5.7264	04/08/2019
Turchase of Common Stock	·		
	<u>22NW FU</u>	JND, LP	
Purchase of Common Stock ³	50,000	6.1152	04/05/2019
Purchase of Common Stock ⁴	32,873	5.8113	04/08/2019
Purchase of Common Stock ⁵	30,110	5.7300	04/15/2019
Purchase of Common Stock ⁶	20,450	5.9480	04/16/2019
Purchase of Common Stock ⁷	16,200	5.9973	04/17/2019

¹ The price reported is a weighted average price. The Shares were purchased in multiple transactions at prices ranging from \$5.7113 to \$5.7462. The Reporting Persons undertake to provide to the Issuer, any security holder of the Issuer, or the staff of the Securities and Exchange Commission, upon request, full information regarding the number of Shares purchased at each separate price within the range set forth in this footnote.

² The price reported is a weighted average price. The Shares were purchased in multiple transactions at prices ranging from \$5.9501 to \$6.0000. The Reporting Persons undertake to provide to the Issuer, any security holder of the Issuer, or the staff of the Securities and Exchange Commission, upon request, full information regarding the number of Shares purchased at each separate price within the range set forth in this footnote.

³ The price reported is a weighted average price. The Shares were purchased in multiple transactions at prices ranging from \$6.0000 to \$6.4500. The Reporting Persons undertake to provide to the Issuer, any security holder of the Issuer, or the staff of the Securities and Exchange Commission, upon request, full information regarding the number of Shares purchased at each separate price within the range set forth in this footnote.

⁴ The price reported is a weighted average price. The Shares were purchased in multiple transactions at prices ranging from \$5.7200 to \$5.8500. The Reporting Persons undertake to provide to the Issuer, any security holder of the Issuer, or the staff of the Securities and Exchange Commission, upon request, full information regarding the number of Shares purchased at each separate price within the range set forth in this footnote.

⁵ The price reported is a weighted average price. The Shares were purchased in multiple transactions at prices ranging from \$5.4900 to \$5.9000. The Reporting Persons undertake to provide to the Issuer, any security holder of the Issuer, or the staff of the Securities and Exchange Commission, upon request, full information regarding the number of Shares purchased at each separate price within the range set forth in this footnote.

⁶ The price reported is a weighted average price. The Shares were purchased in multiple transactions at prices ranging from \$5.8000 to \$6.0000. The Reporting Persons undertake to provide to the Issuer, any security holder of the Issuer, or the staff of the Securities and Exchange Commission, upon request, full information regarding the number of Shares purchased at each separate price within the range set forth in this footnote.

⁷ The price reported is a weighted average price. The Shares were purchased in multiple transactions at prices ranging from \$5.9800 to \$6.0000. The Reporting Persons undertake to provide to the Issuer, any security holder of the Issuer, or the staff of the Securities and Exchange Commission, upon request, full information regarding the number of Shares purchased at each separate price within the range set forth in this footnote.