

PRESS RELEASE

Report on the purchase of treasury shares

Buzzi Unicem SpA announces that during the period from October 29, 2018 through November 2, 2018 it acquired no. 511,000 ordinary treasury shares for a total consideration of 8,453,757.60 Euro, as authorized by the Ordinary General Meeting on May 10, 2018.

Details of the daily transactions on the *Mercato Telematico Azionario* are as follows:

Date	Number of ordinary shares purchased	Average price (Euro)	Consideration (Euro)
10/29/2018	138,000	16.2986	2,249,208.80
10/30/2018	165,000	16.2764	2,685,606.00
10/31/2018	200,000	16.9176	3,383,520.00
11/01/2018	8,000	16.9281	135,424.80
Total	511,000	16.5346	8,453,757.60

Attached to this press release is a daily recap of the purchase transactions carried out during the reference period.

Following the above purchases, the Company holds no. 4,189,000 ordinary shares and no. 29,290 saving shares as of November 2, 2018, equal to 2.05% of the issued share capital.

Casale Monferrato, November 5, 2018

Company contacts.

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Date	Time	Quantity	Price	Amount
10/29/2018	09.09.26	1,043	16.1550	16,849.67
10/29/2018	09.09.26	400	16.1550	6,462.00
10/29/2018	09.09.26	1,057	16.1550	17,075.84
10/29/2018	09.17.28	600	16.1450	9,687.00
10/29/2018	09.17.44	400	16.1450	6,458.00
10/29/2018	09.25.56	465	16.1100	7,491.15
10/29/2018	09.25.56	773	16.1100	12,453.03
10/29/2018	09.25.56	300	16.1100	4,833.00
10/29/2018	09.25.56	98	16.1100	1,578.78
10/29/2018	09.25.56	364	16.1100	5,864.04
10/29/2018	09.34.55	1,587	16.1000	25,550.70
10/29/2018	09.34.55	413	16.1000	6,649.30
10/29/2018	09.50.06	166	16.1200	2,675.92
10/29/2018	09.50.06	500	16.1200	8,060.00
10/29/2018	09.50.06	197	16.1200	3,175.64
10/29/2018	09.50.06	137	16.1200	2,208.44
10/29/2018	09.51.02	1,242	16.1000	19,996.20
10/29/2018	09.51.02	600	16.1000	9,660.00
10/29/2018	09.51.02	360	16.1000	5,796.00
10/29/2018	09.51.02	298	16.1000	4,797.80
10/29/2018	09.51.02	500	16.1000	8,050.00
10/29/2018	10.01.49	524	16.0900	8,431.16
10/29/2018	10.01.49	732	16.0900	11,777.88
10/29/2018	10.01.49	105	16.0900	1,689.45
10/29/2018	10.24.04	2,358	16.1500	38,081.70
10/29/2018	10.24.04	342	16.1500	5,523.30
10/29/2018	10.24.04	300	16.1500	4,845.00
10/29/2018	10.27.28	11	16.1650	177.82
10/29/2018	10.27.28	1,989	16.1650	32,152.19
10/29/2018	10.33.14	626	16.1950	10,138.07
10/29/2018	10.33.14	685	16.1950	11,093.58
10/29/2018	10.33.14	189	16.1950	3,060.86
10/29/2018	10.33.14	500	16.1950	8,097.50
10/29/2018	10.56.08	2,479	16.3050	40,420.10
10/29/2018	10.56.08	139	16.3050	2,266.40
10/29/2018	10.56.08	179	16.3050	2,918.60
10/29/2018	10.56.08	203	16.3050	3,309.92
10/29/2018	11.03.47	6	16.3100	97.86
10/29/2018	11.07.56	5,994	16.3100	97,762.14
10/29/2018	11.15.34	36	16.2900	586.44
10/29/2018	11.15.34	75	16.2900	1,221.75
10/29/2018	11.15.34	3,889	16.2900	63,351.81
10/29/2018	11.31.51	414	16.3000	6,748.20
10/29/2018	11.31.51	2,586	16.3000	42,151.80
10/29/2018	11.42.59	526	16.3350	8,592.21
10/29/2018	11.43.49	2,474	16.3350	40,412.79

Date	Time	Quantity	Price	Amount
10/29/2018	12.02.27	2,000	16.3300	32,660.00
10/29/2018	12.21.42	187	16.3950	3,065.87
10/29/2018	12.21.42	550	16.3950	9,017.25
10/29/2018	12.21.42	500	16.4000	8,200.00
10/29/2018	12.21.42	1,200	16.4000	19,680.00
10/29/2018	12.21.42	563	16.4000	9,233.20
10/29/2018	12.29.02	946	16.4500	15,561.70
10/29/2018	12.29.02	1,231	16.4500	20,249.95
10/29/2018	12.29.02	2,823	16.4500	46,438.35
10/29/2018	12.29.13	489	16.4500	8,044.05
10/29/2018	12.29.13	714	16.4500	11,745.30
10/29/2018	12.29.15	314	16.4500	5,165.30
10/29/2018	12.30.03	500	16.4950	8,247.50
10/29/2018	12.31.24	1,750	16.4950	28,866.25
10/29/2018	12.31.24	2,750	16.4950	45,361.25
10/29/2018	12.33.24	526	16.5100	8,684.26
10/29/2018	12.33.24	1,200	16.5100	19,812.00
10/29/2018	12.33.24	40	16.5100	660.40
10/29/2018	12.33.24	244	16.5100	4,028.44
10/29/2018	12.33.24	114	16.5100	1,882.14
10/29/2018	12.33.24	500	16.5050	8,252.50
10/29/2018	12.33.24	2,172	16.5100	35,859.72
10/29/2018	12.33.24	204	16.5100	3,368.04
10/29/2018	12.34.23	5,000	16.5100	82,550.00
10/29/2018	12.37.34	3,863	16.4850	63,681.56
10/29/2018	12.38.22	5,545	16.4850	91,409.33
10/29/2018	12.38.22	592	16.4850	9,759.12
10/29/2018	13.41.17	411	16.4500	6,760.95
10/29/2018	13.41.17	2,100	16.4500	34,545.00
10/29/2018	13.42.03	225	16.4500	3,701.25
10/29/2018	13.42.03	75	16.4500	1,233.75
10/29/2018	13.42.03	1,453	16.4500	23,901.85
10/29/2018	13.42.03	736	16.4500	12,107.20
10/29/2018	14.39.57	271	16.3300	4,425.43
10/29/2018	14.39.57	1,690	16.3300	27,597.70
10/29/2018	14.39.57	500	16.3300	8,165.00
10/29/2018	14.39.57	539	16.3300	8,801.87
10/29/2018	14.45.11	3,000	16.3300	48,990.00
10/29/2018	14.49.26	604	16.3200	9,857.28
10/29/2018	14.49.26	1,021	16.3200	16,662.72
10/29/2018	14.49.26	75	16.3200	1,224.00
10/29/2018	14.49.26	300	16.3200	4,896.00
10/29/2018	15.25.29	622	16.3300	10,157.26
10/29/2018	16.57.08	286	16.2400	4,644.64
10/29/2018	16.57.08	119	16.2400	1,932.56
10/29/2018	16.57.08	132	16.2400	2,143.68

Date	Time	Quantity	Price	Amount
10/29/2018	16.57.08	463	16.2400	7,519.12
10/29/2018	17.01.22	2,000	16.2150	32,430.00
10/29/2018	17.11.54	23	16.2050	372.72
10/29/2018	17.11.54	123	16.2050	1,993.22
10/29/2018	17.11.54	354	16.2050	5,736.57
10/29/2018	17.11.54	500	16.2050	8,102.50
10/29/2018	17.11.57	419	16.1950	6,785.71
10/29/2018	17.11.57	260	16.1950	4,210.70
10/29/2018	17.11.57	33	16.1950	534.44
10/29/2018	17.11.57	302	16.1950	4,890.89
10/29/2018	17.11.57	75	16.1950	1,214.63
10/29/2018	17.11.57	202	16.1950	3,271.39
10/29/2018	17.12.23	709	16.1950	11,482.26
10/29/2018	17.14.44	202	16.2000	3,272.40
10/29/2018	17.14.44	103	16.2000	1,668.60
10/29/2018	17.14.44	1,617	16.2000	26,195.40
10/29/2018	17.18.01	9	16.2200	145.98
10/29/2018	17.18.01	1,200	16.2200	19,464.00
10/29/2018	17.18.01	145	16.2200	2,351.90
10/29/2018	17.18.01	460	16.2200	7,461.20
10/29/2018	17.18.01	186	16.2200	3,016.92
10/29/2018	17.18.14	11	16.2200	178.42
10/29/2018	17.18.14	67	16.2200	1,086.74
10/29/2018	17.18.26	1,030	16.2200	16,706.60
10/29/2018	17.18.26	648	16.2200	10,510.56
10/29/2018	17.18.26	322	16.2200	5,222.84
10/29/2018	17.18.45	2,000	16.2200	32,440.00
10/29/2018	17.20.12	350	16.2200	5,677.00
10/29/2018	17.20.12	4,650	16.2200	75,423.00
10/29/2018	17.20.23	1,582	16.2200	25,660.04
10/29/2018	17.20.39	132	16.2200	2,141.04
10/29/2018	17.20.39	764	16.2200	12,392.08
10/29/2018	17.20.39	2,522	16.2200	40,906.84
10/29/2018	17.21.00	400	16.2150	6,486.00
10/29/2018	17.21.00	1,212	16.2150	19,652.58
10/29/2018	17.21.00	812	16.2150	13,166.58
10/29/2018	17.21.00	701	16.2150	11,366.72
10/29/2018	17.21.00	500	16.2150	8,107.50
10/29/2018	17.21.01	79	16.2150	1,280.99
10/29/2018	17.21.01	540	16.2150	8,756.10
10/29/2018	17.21.01	756	16.2150	12,258.54
10/29/2018	17.21.26	943	16.2100	15,286.03
10/29/2018	17.21.26	1,206	16.2100	19,549.26
10/29/2018	17.21.26	3,701	16.2100	59,993.21
10/29/2018	17.21.26	75	16.2100	1,215.75
10/29/2018	17.21.26	75	16.2100	1,215.75

Date	Time	Quantity	Price	Amount
10/29/2018	17.21.35	2,359	16.2100	38,239.39
10/29/2018	17.21.35	75	16.2100	1,215.75
10/29/2018	17.21.35	100	16.2100	1,621.00
10/29/2018	17.21.35	322	16.2100	5,219.62
10/29/2018	17.21.35	803	16.2100	13,016.63
10/29/2018	17.21.35	344	16.2100	5,576.24
10/29/2018	17.21.36	1	16.2100	16.21
10/29/2018	17.21.36	996	16.2100	16,145.16
10/29/2018	17.21.42	150	16.2000	2,430.00
10/29/2018	17.21.42	390	16.2000	6,318.00
10/29/2018	17.21.42	841	16.2000	13,624.20
10/29/2018	17.21.57	222	16.2000	3,596.40
10/29/2018	17.21.57	40	16.2000	648.00
10/29/2018	17.21.57	197	16.2000	3,191.40
10/29/2018	17.21.57	200	16.2000	3,240.00
10/29/2018	17.23.09	4,960	16.2050	80,376.80
10/29/2018	17.23.17	756	16.1950	12,243.42
10/29/2018	17.24.47	384	16.2050	6,222.72
10/29/2018	17.27.42	351	16.2150	5,691.47
10/29/2018	17.28.08	509	16.2300	8,261.07
10/30/2018	09.06.26	1,585	16.2400	25,740.40
10/30/2018	09.06.26	415	16.2400	6,739.60
10/30/2018	09.06.42	2,000	16.2200	32,440.00
10/30/2018	09.16.43	400	16.2000	6,480.00
10/30/2018	09.16.43	300	16.2000	4,860.00
10/30/2018	09.16.43	300	16.2000	4,860.00
10/30/2018	09.16.43	300	16.2000	4,860.00
10/30/2018	09.16.43	300	16.2000	4,860.00
10/30/2018	09.16.43	300	16.2000	4,860.00
10/30/2018	09.16.43	100	16.2000	1,620.00
10/30/2018	09.17.54	2,000	16.1800	32,360.00
10/30/2018	09.30.28	140	16.2600	2,276.40
10/30/2018	09.30.28	295	16.2600	4,796.70
10/30/2018	09.30.28	565	16.2600	9,186.90
10/30/2018	09.44.49	293	16.2150	4,751.00
10/30/2018	09.47.37	2,299	16.2150	37,278.29
10/30/2018	09.47.37	408	16.2150	6,615.72
10/30/2018	09.47.47	3,000	16.2100	48,630.00
10/30/2018	10.00.31	61	16.2800	993.08
10/30/2018	10.00.31	97	16.2800	1,579.16
10/30/2018	10.00.31	1,842	16.2800	29,987.76
10/30/2018	10.08.05	1,332	16.2450	21,638.34
10/30/2018	10.08.05	668	16.2450	10,851.66
10/30/2018	10.09.07	1,331	16.2350	21,608.79
10/30/2018	10.09.07	159	16.2350	2,581.37
10/30/2018	10.09.07	510	16.2350	8,279.85

Date	Time	Quantity	Price	Amount
10/30/2018	10.22.16	1,112	16.2150	18,031.08
10/30/2018	10.22.16	300	16.2150	4,864.50
10/30/2018	10.22.16	300	16.2150	4,864.50
10/30/2018	10.22.16	576	16.2150	9,339.84
10/30/2018	10.22.16	712	16.2150	11,545.08
10/30/2018	11.04.58	22	16.2750	358.05
10/30/2018	11.05.19	2	16.2750	32.55
10/30/2018	11.05.35	21	16.2750	341.78
10/30/2018	11.05.44	12	16.2750	195.30
10/30/2018	11.06.14	22	16.2850	358.27
10/30/2018	11.06.54	1,346	16.2850	21,919.61
10/30/2018	11.07.03	4,943	16.2750	80,447.33
10/30/2018	11.07.03	3,632	16.2850	59,147.12
10/30/2018	11.07.28	5,000	16.2750	81,375.00
10/30/2018	11.08.03	343	16.2800	5,584.04
10/30/2018	11.08.03	504	16.2800	8,205.12
10/30/2018	11.10.12	150	16.2800	2,442.00
10/30/2018	11.10.12	150	16.2800	2,442.00
10/30/2018	11.10.12	257	16.2800	4,183.96
10/30/2018	11.10.13	321	16.2800	5,225.88
10/30/2018	11.10.13	2,563	16.2800	41,725.64
10/30/2018	11.10.13	712	16.2800	11,591.36
10/30/2018	11.10.14	687	16.2750	11,180.93
10/30/2018	11.10.14	300	16.2750	4,882.50
10/30/2018	11.10.14	653	16.2750	10,627.58
10/30/2018	11.10.17	3,360	16.2750	54,684.00
10/30/2018	11.21.44	2,183	16.3000	35,582.90
10/30/2018	11.21.44	1,658	16.3000	27,025.40
10/30/2018	11.21.44	300	16.3000	4,890.00
10/30/2018	11.21.44	599	16.3000	9,763.70
10/30/2018	11.21.44	150	16.3000	2,445.00
10/30/2018	11.21.44	110	16.3000	1,793.00
10/30/2018	11.23.47	701	16.3000	11,426.30
10/30/2018	11.29.43	10,000	16.3650	163,650.00
10/30/2018	11.30.05	10,000	16.3500	163,500.00
10/30/2018	11.30.40	1,768	16.3300	28,871.44
10/30/2018	11.31.01	4,232	16.3300	69,108.56
10/30/2018	11.31.17	2,405	16.3300	39,273.65
10/30/2018	11.31.17	595	16.3300	9,716.35
10/30/2018	11.35.39	18	16.2900	293.22
10/30/2018	11.35.39	600	16.2900	9,774.00
10/30/2018	11.35.39	4,006	16.2900	65,257.74
10/30/2018	11.35.39	376	16.2900	6,125.04
10/30/2018	11.36.43	4,850	16.2800	78,958.00
10/30/2018	11.36.43	150	16.2800	2,442.00
10/30/2018	11.37.32	176	16.2800	2,865.28

Date	Time	Quantity	Price	Amount
10/30/2018	11.37.32	1,200	16.2800	19,536.00
10/30/2018	11.37.32	184	16.2800	2,995.52
10/30/2018	11.37.32	470	16.2800	7,651.60
10/30/2018	11.37.32	470	16.2800	7,651.60
10/30/2018	11.37.32	500	16.2800	8,140.00
10/30/2018	11.47.50	493	16.2450	8,008.79
10/30/2018	11.47.50	1,300	16.2450	21,118.50
10/30/2018	11.47.50	914	16.2450	14,847.93
10/30/2018	11.47.50	293	16.2450	4,759.79
10/30/2018	11.54.08	1,350	16.2300	21,910.50
10/30/2018	11.54.08	450	16.2300	7,303.50
10/30/2018	11.54.08	300	16.2300	4,869.00
10/30/2018	11.54.08	900	16.2300	14,607.00
10/30/2018	11.54.19	367	16.2300	5,956.41
10/30/2018	11.54.19	263	16.2300	4,268.49
10/30/2018	11.54.19	300	16.2300	4,869.00
10/30/2018	11.54.19	293	16.2300	4,755.39
10/30/2018	11.54.19	188	16.2300	3,051.24
10/30/2018	11.54.19	989	16.2300	16,051.47
10/30/2018	11.54.19	600	16.2300	9,738.00
10/30/2018	11.56.36	150	16.2000	2,430.00
10/30/2018	11.56.36	150	16.2000	2,430.00
10/30/2018	11.56.36	300	16.2000	4,860.00
10/30/2018	11.56.36	223	16.2000	3,612.60
10/30/2018	11.59.23	797	16.2150	12,923.36
10/30/2018	11.59.23	300	16.2150	4,864.50
10/30/2018	11.59.23	1,200	16.2150	19,458.00
10/30/2018	11.59.23	150	16.2150	2,432.25
10/30/2018	11.59.23	553	16.2150	8,966.90
10/30/2018	12.02.59	765	16.2000	12,393.00
10/30/2018	12.02.59	700	16.2000	11,340.00
10/30/2018	12.02.59	712	16.2000	11,534.40
10/30/2018	12.04.18	2,490	16.1800	40,288.20
10/30/2018	12.04.18	510	16.1800	8,251.80
10/30/2018	12.22.41	140	16.1700	2,263.80
10/30/2018	12.22.41	600	16.1700	9,702.00
10/30/2018	12.22.41	510	16.1700	8,246.70
10/30/2018	12.22.41	150	16.1700	2,425.50
10/30/2018	12.22.41	150	16.1700	2,425.50
10/30/2018	12.22.41	450	16.1700	7,276.50
10/30/2018	12.22.56	571	16.1600	9,227.36
10/30/2018	12.22.56	546	16.1600	8,823.36
10/30/2018	12.22.56	65	16.1600	1,050.40
10/30/2018	12.22.59	818	16.1600	13,218.88
10/30/2018	12.23.39	133	16.1500	2,147.95
10/30/2018	12.23.39	700	16.1500	11,305.00

Date	Time	Quantity	Price	Amount
10/30/2018	12.23.39	1,017	16.1500	16,424.55
10/30/2018	12.23.39	150	16.1500	2,422.50
10/30/2018	12.36.49	150	16.1300	2,419.50
10/30/2018	12.36.49	231	16.1300	3,726.03
10/30/2018	12.50.20	150	16.1600	2,424.00
10/30/2018	12.50.20	150	16.1600	2,424.00
10/30/2018	12.50.20	150	16.1600	2,424.00
10/30/2018	12.54.36	1,550	16.1600	25,048.00
10/30/2018	13.42.06	150	16.1600	2,424.00
10/30/2018	13.42.06	340	16.1600	5,494.40
10/30/2018	13.45.38	464	16.1600	7,498.24
10/30/2018	13.45.38	512	16.1600	8,273.92
10/30/2018	13.45.38	150	16.1600	2,424.00
10/30/2018	13.45.38	384	16.1600	6,205.44
10/30/2018	13.46.00	2,000	16.1400	32,280.00
10/30/2018	14.02.28	754	16.1300	12,162.02
10/30/2018	14.02.28	865	16.1300	13,952.45
10/30/2018	14.06.40	21	16.1000	338.10
10/30/2018	14.06.40	410	16.1000	6,601.00
10/30/2018	14.12.34	368	16.1000	5,924.80
10/30/2018	14.12.34	150	16.1000	2,415.00
10/30/2018	14.12.34	600	16.1000	9,660.00
10/30/2018	14.12.34	451	16.1000	7,261.10
10/30/2018	14.30.22	2,000	16.0800	32,160.00
10/30/2018	14.37.34	1,246	16.0600	20,010.76
10/30/2018	14.37.34	754	16.0600	12,109.24
10/30/2018	15.00.37	451	16.2350	7,321.99
10/30/2018	15.01.24	49	16.2350	795.52
10/30/2018	15.12.46	203	16.1850	3,285.56
10/30/2018	15.12.46	551	16.1850	8,917.94
10/30/2018	15.15.38	929	16.1850	15,035.87
10/30/2018	15.15.38	150	16.1850	2,427.75
10/30/2018	15.15.38	167	16.1850	2,702.90
10/30/2018	15.26.36	309	16.1750	4,998.08
10/30/2018	15.28.03	814	16.1750	13,166.45
10/30/2018	15.28.03	10	16.1750	161.75
10/30/2018	15.28.16	687	16.1750	11,112.23
10/30/2018	15.28.16	180	16.1750	2,911.50
10/30/2018	15.29.07	730	16.1700	11,804.10
10/30/2018	15.29.07	820	16.1700	13,259.40
10/30/2018	15.29.07	450	16.1700	7,276.50
10/30/2018	15.31.07	150	16.1650	2,424.75
10/30/2018	15.31.07	563	16.1650	9,100.90
10/30/2018	15.31.07	1,109	16.1650	17,926.99
10/30/2018	15.31.13	178	16.1650	2,877.37
10/30/2018	15.31.58	2,000	16.1600	32,320.00

Date	Time	Quantity	Price	Amount
10/30/2018	16.54.21	900	16.3700	14,733.00
10/30/2018	17.12.04	541	16.4650	8,907.57
10/30/2018	17.12.04	1,268	16.4650	20,877.62
10/30/2018	17.12.10	1,268	16.4650	20,877.62
10/30/2018	17.12.10	237	16.4650	3,902.21
10/30/2018	17.12.30	198	16.4650	3,260.07
10/30/2018	17.12.30	1,488	16.4650	24,499.92
10/30/2018	17.13.41	591	16.4750	9,736.73
10/30/2018	17.14.40	1,600	16.4750	26,360.00
10/30/2018	17.14.40	242	16.4750	3,986.95
10/30/2018	17.14.40	1,260	16.4750	20,758.50
10/30/2018	17.16.37	1,768	16.4750	29,127.80
10/30/2018	17.16.37	150	16.4750	2,471.25
10/30/2018	17.16.37	150	16.4750	2,471.25
10/30/2018	17.16.37	756	16.4750	12,455.10
10/30/2018	17.16.37	225	16.4750	3,706.88
10/30/2018	17.16.37	157	16.4750	2,586.58
10/30/2018	17.18.00	1,248	16.4950	20,585.76
10/30/2018	17.18.05	1,248	16.4950	20,585.76
10/30/2018	17.18.05	149	16.4950	2,457.76
10/30/2018	17.18.05	600	16.4950	9,897.00
10/30/2018	17.18.06	3,755	16.4950	61,938.73
10/31/2018	09.03.14	650	16.7150	10,864.75
10/31/2018	09.03.22	700	16.7150	11,700.50
10/31/2018	09.06.05	1,866	16.7150	31,190.19
10/31/2018	09.06.05	150	16.7150	2,507.25
10/31/2018	09.06.05	150	16.7150	2,507.25
10/31/2018	09.06.05	600	16.7150	10,029.00
10/31/2018	09.06.05	884	16.7150	14,776.06
10/31/2018	09.14.20	24	16.7100	401.04
10/31/2018	09.14.57	1,223	16.7100	20,436.33
10/31/2018	09.14.57	3,753	16.7100	62,712.63
10/31/2018	09.25.36	175	16.8200	2,943.50
10/31/2018	09.25.49	1,325	16.8200	22,286.50
10/31/2018	09.25.49	500	16.8200	8,410.00
10/31/2018	09.26.12	2,000	16.8000	33,600.00
10/31/2018	09.27.54	2,000	16.8500	33,700.00
10/31/2018	09.29.06	1,012	16.9000	17,102.80
10/31/2018	09.29.06	2,788	16.9000	47,117.20
10/31/2018	09.29.06	200	16.9000	3,380.00
10/31/2018	09.43.38	1,000	16.9550	16,955.00
10/31/2018	09.43.52	587	16.9550	9,952.59
10/31/2018	09.43.52	72	16.9550	1,220.76
10/31/2018	09.43.52	341	16.9550	5,781.66
10/31/2018	09.49.58	428	16.9400	7,250.32
10/31/2018	09.49.58	300	16.9400	5,082.00

Date	Time	Quantity	Price	Amount
10/31/2018	09.49.58	300	16.9400	5,082.00
10/31/2018	09.49.58	972	16.9400	16,465.68
10/31/2018	09.53.36	1,187	16.9450	20,113.72
10/31/2018	09.53.36	1,200	16.9450	20,334.00
10/31/2018	09.53.36	113	16.9450	1,914.79
10/31/2018	09.53.36	500	16.9450	8,472.50
10/31/2018	10.05.52	2,000	16.8500	33,700.00
10/31/2018	10.21.04	595	16.8350	10,016.83
10/31/2018	10.21.05	153	16.8350	2,575.76
10/31/2018	10.35.08	4,500	16.8850	75,982.50
10/31/2018	10.35.08	2,000	16.8850	33,770.00
10/31/2018	10.35.08	500	16.8850	8,442.50
10/31/2018	10.38.25	1,247	16.8500	21,011.95
10/31/2018	10.38.25	154	16.8500	2,594.90
10/31/2018	10.38.25	599	16.8500	10,093.15
10/31/2018	10.42.10	4,252	16.8350	71,582.42
10/31/2018	10.42.56	438	16.8150	7,364.97
10/31/2018	10.42.57	4,562	16.8150	76,710.03
10/31/2018	10.54.35	1,476	16.8400	24,855.84
10/31/2018	10.56.03	524	16.8400	8,824.16
10/31/2018	10.56.03	1,345	16.8350	22,643.08
10/31/2018	11.11.03	401	16.8500	6,756.85
10/31/2018	11.11.25	1,599	16.8500	26,943.15
10/31/2018	11.19.59	300	16.8750	5,062.50
10/31/2018	11.46.17	224	16.9400	3,794.56
10/31/2018	11.46.17	2,227	16.9400	37,725.38
10/31/2018	11.46.17	215	16.9400	3,642.10
10/31/2018	11.46.17	450	16.9400	7,623.00
10/31/2018	11.46.17	1,200	16.9400	20,328.00
10/31/2018	11.46.17	184	16.9400	3,116.96
10/31/2018	11.46.17	500	16.9400	8,470.00
10/31/2018	11.46.29	2,816	16.9400	47,703.04
10/31/2018	11.46.29	2,184	16.9400	36,996.96
10/31/2018	11.53.03	120	16.9400	2,032.80
10/31/2018	11.53.04	1,246	16.9400	21,107.24
10/31/2018	12.00.22	497	16.9450	8,421.67
10/31/2018	12.00.22	1,503	16.9450	25,468.34
10/31/2018	12.02.28	1,989	16.9400	33,693.66
10/31/2018	12.13.44	120	16.9400	2,032.80
10/31/2018	12.14.25	1,880	16.9400	31,847.20
10/31/2018	12.18.15	2,000	16.9000	33,800.00
10/31/2018	12.49.16	1,082	16.8950	18,280.39
10/31/2018	12.49.16	918	16.8950	15,509.61
10/31/2018	12.49.16	3,000	16.9000	50,700.00
10/31/2018	13.01.26	2,000	16.8800	33,760.00
10/31/2018	13.16.10	4,000	16.8800	67,520.00

Date	Time	Quantity	Price	Amount
10/31/2018	13.30.01	2,684	16.8600	45,252.24
10/31/2018	13.30.01	316	16.8600	5,327.76
10/31/2018	13.30.01	4,600	16.8800	77,648.00
10/31/2018	13.30.01	150	16.8800	2,532.00
10/31/2018	13.30.01	100	16.8800	1,688.00
10/31/2018	13.30.01	150	16.8800	2,532.00
10/31/2018	13.52.45	1,781	16.8400	29,992.04
10/31/2018	14.25.34	339	16.9250	5,737.58
10/31/2018	14.25.34	150	16.9250	2,538.75
10/31/2018	14.25.34	583	16.9250	9,867.28
10/31/2018	14.25.34	33	16.9250	558.53
10/31/2018	14.25.34	895	16.9250	15,147.88
10/31/2018	14.35.16	411	16.9000	6,945.90
10/31/2018	14.35.16	589	16.9000	9,954.10
10/31/2018	14.35.16	2,000	16.9100	33,820.00
10/31/2018	14.36.07	170	16.8900	2,871.30
10/31/2018	14.53.06	1,000	17.0000	17,000.00
10/31/2018	14.54.20	500	17.0000	8,500.00
10/31/2018	14.56.39	3,500	17.0000	59,500.00
10/31/2018	15.05.44	150	17.0000	2,550.00
10/31/2018	15.06.08	330	17.0000	5,610.00
10/31/2018	15.16.10	150	17.0000	2,550.00
10/31/2018	15.21.53	270	17.0000	4,590.00
10/31/2018	15.46.26	1,200	17.0000	20,400.00
10/31/2018	15.46.42	150	17.0000	2,550.00
10/31/2018	15.48.30	3,799	17.0000	64,583.00
10/31/2018	15.48.30	5,000	17.0000	85,000.00
10/31/2018	16.04.19	4,596	16.9650	77,971.14
10/31/2018	16.04.19	300	16.9650	5,089.50
10/31/2018	16.04.19	104	16.9650	1,764.36
10/31/2018	16.18.23	1,382	16.9800	23,466.36
10/31/2018	16.18.23	200	16.9800	3,396.00
10/31/2018	16.18.23	96	16.9800	1,630.08
10/31/2018	16.18.23	5,000	16.9950	84,975.00
10/31/2018	16.18.23	10,000	17.0000	170,000.00
10/31/2018	16.19.36	3,172	16.9800	53,860.56
10/31/2018	16.19.36	150	16.9800	2,547.00
10/31/2018	16.19.59	153	16.9800	2,597.94
10/31/2018	16.22.21	150	16.9950	2,549.25
10/31/2018	16.23.43	150	16.9950	2,549.25
10/31/2018	16.25.05	150	17.0000	2,550.00
10/31/2018	16.26.27	150	17.0000	2,550.00
10/31/2018	16.27.50	150	17.0000	2,550.00
10/31/2018	16.29.12	150	17.0000	2,550.00
10/31/2018	16.29.33	1,500	17.0000	25,500.00
10/31/2018	16.29.36	164	17.0000	2,788.00

Date	Time	Quantity	Price	Amount
10/31/2018	16.29.36	2,200	17.0000	37,400.00
10/31/2018	16.29.42	178	17.0000	3,026.00
10/31/2018	16.29.47	731	16.9950	12,423.35
10/31/2018	16.29.47	135	16.9950	2,294.33
10/31/2018	16.29.47	1,000	16.9950	16,995.00
10/31/2018	16.29.47	808	16.9950	13,731.96
10/31/2018	16.29.47	1,374	16.9950	23,351.13
10/31/2018	16.29.47	199	16.9950	3,382.01
10/31/2018	16.29.47	453	16.9950	7,698.74
10/31/2018	16.29.47	358	17.0000	6,086.00
10/31/2018	16.31.56	150	17.0000	2,550.00
10/31/2018	16.32.06	500	17.0000	8,500.00
10/31/2018	16.33.19	150	17.0000	2,550.00
10/31/2018	16.33.56	3,751	17.0000	63,767.00
10/31/2018	16.33.56	229	17.0000	3,893.00
10/31/2018	16.33.56	220	17.0000	3,740.00
10/31/2018	16.34.41	150	16.9900	2,548.50
10/31/2018	16.34.43	275	16.9900	4,672.25
10/31/2018	16.34.46	4,575	16.9900	77,729.25
10/31/2018	16.36.55	4,039	16.9800	68,582.22
10/31/2018	16.36.55	808	16.9800	13,719.84
10/31/2018	16.45.30	5,000	16.9000	84,500.00
10/31/2018	16.52.30	150	16.8800	2,532.00
10/31/2018	16.55.09	208	16.8800	3,511.04
10/31/2018	16.55.09	874	16.8800	14,753.12
10/31/2018	16.55.09	1,850	16.8800	31,228.00
10/31/2018	16.55.09	1,060	16.8800	17,892.80
10/31/2018	16.55.09	556	16.8800	9,385.28
10/31/2018	16.55.09	150	16.8800	2,532.00
10/31/2018	16.55.09	152	16.8800	2,565.76
10/31/2018	16.55.15	150	16.8700	2,530.50
10/31/2018	16.56.37	150	16.8700	2,530.50
10/31/2018	17.01.40	1,292	16.8800	21,808.96
10/31/2018	17.02.06	450	16.8800	7,596.00
10/31/2018	17.02.06	150	16.8800	2,532.00
10/31/2018	17.03.28	150	16.8800	2,532.00
10/31/2018	17.04.16	280	16.8800	4,726.40
10/31/2018	17.04.50	150	16.8800	2,532.00
10/31/2018	17.06.13	150	16.8800	2,532.00
10/31/2018	17.07.13	681	16.8950	11,505.50
10/31/2018	17.07.20	543	16.8950	9,173.99
10/31/2018	17.07.33	3,776	16.8950	63,795.52
10/31/2018	17.16.43	787	16.9450	13,335.72
10/31/2018	17.16.43	150	16.9450	2,541.75
10/31/2018	17.16.43	404	16.9450	6,845.78
10/31/2018	17.16.43	600	16.9450	10,167.00

Date	Time	Quantity	Price	Amount
10/31/2018	17.16.43	137	16.9450	2,321.47
10/31/2018	17.18.33	150	16.9400	2,541.00
10/31/2018	17.20.05	1,323	16.9500	22,424.85
10/31/2018	17.20.06	3,527	16.9500	59,782.65
10/31/2018	17.22.25	2,013	16.9300	34,080.09
10/31/2018	17.22.25	2,093	16.9300	35,434.49
10/31/2018	17.22.25	618	16.9300	10,462.74
10/31/2018	17.22.25	276	16.9300	4,672.68
10/31/2018	17.22.34	162	16.9300	2,742.66
10/31/2018	17.22.34	3,352	16.9300	56,749.36
10/31/2018	17.22.34	869	16.9300	14,712.17
10/31/2018	17.22.34	617	16.9300	10,445.81
11/01/2018	09.00.32	195	16.9800	3,311.10
11/01/2018	09.00.32	444	16.9800	7,539.12
11/01/2018	09.00.32	361	16.9800	6,129.78
11/01/2018	09.01.59	1,000	16.9550	16,955.00
11/01/2018	09.02.00	1,000	16.9400	16,940.00
11/01/2018	09.02.00	1,000	16.9500	16,950.00
11/01/2018	09.02.11	1,000	16.9300	16,930.00
11/01/2018	09.02.23	1,000	16.9200	16,920.00
11/01/2018	09.03.28	375	16.9000	6,337.50
11/01/2018	09.03.28	625	16.9000	10,562.50
11/01/2018	09.03.30	560	16.8500	9,436.00
11/01/2018	09.03.30	440	16.8500	7,414.00