

Form 604

Corporations Law
Section 671B

Notice of change of interests of substantial holder

To Company Name/Scheme **ALUMINA LIMITED**

ACN/ARSN **004 820 419**

1. Details of substantial holder (1)

Name **PERPETUAL LIMITED and its related bodies corporate**

ACN (if applicable) **000 431 827**

There was a change in the interests of the Substantial holder on 08 / 08 / 2018

The previous notice was given to the company on 26 / 03 / 2018

The previous notice was dated 22 / 03 / 2018

2. Previous and present voting power

The total number of votes attached to all the voting shares in the company or voting interests in the scheme that the substantial holder or an associate (2) had a relevant interest (3) in when last required, and when now required, to give a substantial holding notice to the company or scheme, are as follows:

Class of securities (4)	Previous notice		Present notice	
	Person's votes	Voting power (5)	Person's votes	Voting power (5)
Ordinary	177,541,987	6.16%	147,325,006	5.12%

3. Changes in relevant interests

Particulars of each change in, or change in the nature of, a relevant interest of the substantial holder or an associate in voting securities of the company or scheme, since the substantial holder was last required to give substantial holding notice to the company or scheme are as follows:

Date of change	Person whose relevant interest changed	Nature of change (6)	Consideration given in relation to change (7)	Class and number of securities affected	Person's votes affected
	Refer annexure 3				

4. Present relevant interests

Particulars of each relevant interest of the substantial holder in voting securities after the change are as follows:

Holder of relevant interest	Registered holder of securities	Person entitled to be registered as holder (8)	Nature of relevant interest (6)	Class and number of securities	Person's votes
	Refer annexure 1 & 2				

5. Changes in association

The persons who have become associates (2) of, ceased to be associates of, or have changed the nature of their association (9) with, the substantial holder in relation to voting interests in the company or scheme are as follows:

Name and ACN (if applicable)	Nature of association
Perpetual Investment Management Limited	Related bodies corporate of Perpetual Limited
Perpetual Trustee Company Limited	Related bodies corporate of Perpetual Limited

6. Addresses

The addresses of persons named in this form are as follows:

Name	Address
Perpetual Limited	18/123 Pitt Street Sydney, NSW 2000
Perpetual Investment Management Limited	18/123 Pitt Street Sydney, NSW 2000
Perpetual Trustee Company Limited	18/123 Pitt Street Sydney, NSW 2000

Signature

Print name **ELEANOR PADMAN**

Capacity **COMPANY SECRETARY**

ANNEXURE 1 - Perpetual Investments Account Codes & Details

Perpetual Investment Management Limited (PIML), subsidiary of Perpetual Limited, as Responsible Entity for:

INTERNAL CODE	REGISTRATION DETAILS
17	HSBC Custody Nominees (Australia) Limited GPO Box 5302 Sydney NSW 2001
26	HSBC Custody Nominees (Australia) Limited GPO Box 5302 Sydney NSW 2001
33	HSBC Custody Nominees (Australia) Limited GPO Box 5302 Sydney NSW 2001
118	HSBC Custody Nominees (Australia) Limited GPO Box 5302 Sydney NSW 2001
212	HSBC Custody Nominees (Australia) Limited GPO Box 5302 Sydney NSW 2001
649	HSBC Custody Nominees (Australia) Limited GPO Box 5302 Sydney NSW 2001
650	HSBC Custody Nominees (Australia) Limited GPO Box 5302 Sydney NSW 2001
652	HSBC Custody Nominees (Australia) Limited GPO Box 5302 Sydney NSW 2001
653	HSBC Custody Nominees (Australia) Limited GPO Box 5302 Sydney NSW 2001
651	HSBC Custody Nominees (Australia) Limited GPO Box 5302 Sydney NSW 2001
654	HSBC Custody Nominees (Australia) Limited GPO Box 5302 Sydney NSW 2001
670	HSBC Custody Nominees (Australia) Limited GPO Box 5302 Sydney NSW 2001
695	HSBC Custody Nominees (Australia) Limited GPO Box 5302 Sydney NSW 2001
774	HSBC Custody Nominees (Australia) Limited GPO Box 5302 Sydney NSW 2001

855	HSBC Custody Nominees (Australia) Limited GPO Box 5302 Sydney NSW 2001
2093	HSBC Custody Nominees (Australia) Limited GPO Box 5302 Sydney NSW 2001
2095	HSBC Custody Nominees (Australia) Limited GPO Box 5302 Sydney NSW 2001
2124	HSBC Custody Nominees (Australia) Limited GPO Box 5302 Sydney NSW 2001
2125	HSBC Custody Nominees (Australia) Limited GPO Box 5302 Sydney NSW 2001
2127	HSBC Custody Nominees (Australia) Limited GPO Box 5302 Sydney NSW 2001
2128	HSBC Custody Nominees (Australia) Limited GPO Box 5302 Sydney NSW 2001
2199	HSBC Custody Nominees (Australia) Limited GPO Box 5302 Sydney NSW 2001
2210	HSBC Custody Nominees (Australia) Limited GPO Box 5302 Sydney NSW 2001
2219	HSBC Custody Nominees (Australia) Limited GPO Box 5302 Sydney NSW 2001
2130	RBC Investor Services Australia Nominees Pty Ltd <BKCUST A/C> GPO Box 5430 Sydney NSW 2001
2089	RBC Investor Services Australia Nominees Pty Limited <PICREDIT> GPO Box 5430 Sydney NSW 2001
2086	RBC Investor Services Australia Nominees Pty Ltd <PI CREDIT A/C> GPO Box 5430 Sydney NSW 2001
106	RBC Investor Services Australia Nominees Pty Ltd <PI POOLED A/C> GPO Box 5430 Sydney NSW 2001
133	RBC Investor Services Australia Nominees Pty Ltd <PI POOLED A/C> GPO Box 5430 Sydney NSW 2001

323	RBC Investor Services Australia Nominees Pty Ltd <PI POOLED A/C> GPO Box 5430 Sydney NSW 2001
669	RBC Investor Services Australia Nominees Pty Ltd <PI POOLED A/C> GPO Box 5430 Sydney NSW 2001
139	RBC Investor Services Australia Nominees Pty Ltd <PIQTE2 A/C> GPO Box 5430 Sydney NSW 2001
44	UBS Nominees Pty Ltd Level 16 Chifley Tower 2 Chifley Square Sydney NSW 2000
108	UBS Nominees Pty Ltd Level 16, Chifley Tower 2 Chifley Square Sydney NSW 2000
414	UBS Nominees Pty Ltd Level 16 Chifley Tower 2 Chifley Square Sydney NSW 2000
696	UBS Nominees Pty Ltd Level 16 Chifley Tower 2 Chifley Square Sydney NSW 2000
941	UBS Nominees Pty Ltd Level 16 Chifley Tower 2 Chifley Square Sydney NSW 2000

Perpetual Investment Management Limited (PIML), subsidiary of Perpetual Limited, as Trustee for:

ALL 'SS' CODES	HSBC Custody Nominees (Australia) Limited GPO Box 5302 Sydney NSW 2001
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Perpetual Investment Management Limited (PIML), subsidiary of Perpetual Limited, under Investment Management Agreements with:

INTERNAL CODE	REGISTRATION DETAILS
227	BNP Paribas Nominees Pty Ltd PO Box R209 Royal Exchange NSW 1225
248	BNP Paribas Noms Pty Ltd P.O. Box R209 Royal Exchange Sydney NSW 1225
702	BNP Paribas Nominees Pty Ltd PO Box R209 Royal Exchange NSW 1225
740	BNP Paribas Nominees Pty Ltd PO Box R209 Royal Exchange NSW 1225

786	BNP Paribas Nominees Pty Ltd PO Box R209 Royal Exchange NSW 1225
2085	BNP Paribas Nominees Pty Ltd PO Box R209 Royal Exchange NSW 1225
2122	BNP Paribas Nominees Pty Ltd PO Box R209 Royal Exchange NSW 1225
2131	BNP Paribas Nominees Pty Ltd PO Box R209 Royal Exchange NSW 1225
2216	BNP Paribas Nominees Pty Ltd PO Box R209 Royal Exchange NSW 1225
220	Citicorp Nominees Pty Ltd GPO Box 764G Melbourne VIC 3001
221	Citicorp Nominees Pty Ltd GPO Box 764G Melbourne VIC 3001
222	Citicorp Nominees Pty Ltd GPO Box 764G Melbourne VIC 3001
224	Citicorp Nominees Pty Ltd GPO Box 764G Melbourne VIC 3001
2163	Citicorp Nominees Pty Ltd GPO Box 764G Melbourne VIC 3001
2222	Citicorp Nominees Pty Ltd GPO Box 764G Melbourne VIC 3001
194	Northern Trust Company Melbourne Branch: HSBC Custody Nominees (Australia) Limited GPO Box 5302 Sydney NSW 2001
779	HSBC Custody Nominees (Australia) Limited GPO Box 5302 Sydney NSW 2001
2101	HSBC Custody Nominees (Australia) Limited GPO Box 5302 Sydney NSW 2001
2152	Northern Trust Company Melbourne Branch: HSBC Custody Nominees (Australia) Limited GPO Box 5302 Sydney NSW 2001

2161	HSBC Custody Nominees (Australia) Limited GPO Box 5302 Sydney NSW 2001
2172	HSBC Custody Nominees (Australia) Limited GPO Box 5302 Sydney NSW 2001
210	JPMorgan Nominees Australia Limited Locked Bag 20049 Melbourne VIC 3001
215	JPMorgan Nominees Australia Limited Locked Bag 20049 Melbourne VIC 3001
230	JPMorgan Nominees Australia Limited Locked Bag 20049 Melbourne VIC 3001
231	JPMorgan Nominees Australia Limited Locked Bag 20049 Melbourne VIC 3001
392	JPMorgan Nominees Australia Limited Locked Bag 20049 Melbourne VIC 3001
394	JPMorgan Nominees Australia Limited Locked Bag 20049 Melbourne VIC 3001
449	JPMorgan Nominees Australia Limited Locked Bag 20049 Melbourne VIC 3001
773	JPMorgan Nominees Australia Limited Locked Bag 20049 Melbourne VIC 3001
788	JPMorgan Nominees Australia Limited Locked Bag 20049 Melbourne VIC 3001
791	JPMorgan Nominees Australia Limited Locked Bag 20049 Melbourne VIC 3001
2100	JPMorgan Nominees Australia Limited Locked Bag 20049 Melbourne VIC 3001
2166	JPMorgan Nominees Australia Limited Locked Bag 20049 Melbourne VIC 3001
711	National Nominees Pty Ltd PO Box 1406 Melbourne VIC 3001

787	National Nominees Pty Ltd PO Box 1406 Melbourne VIC 3001
2083	National Nominees Pty Ltd PO Box 1406 Melbourne VIC 3001
2097	National Nominees Pty Ltd PO Box 1406 Melbourne VIC 3001
2160	National Nominees Pty Ltd PO Box 1406 Melbourne VIC 3001
2220	National Nominees Pty Ltd PO Box 1406 Melbourne VIC 3001

Perpetual Trustee Company Limited as trustee, custodian or nominee

INTERNAL CODE	REGISTRATION DETAILS
T2	Perpetual Trustee Company Limited GPO Box 4172 Sydney NSW 2001
T3	The Trust Company Limited GPO Box 4270 Sydney NSW 2001
T4	Perpetual Trustee Company Limited GPO Box 4172 Sydney NSW 2001
T6	Perpetual Trustee Company Limited GPO Box 4172 Sydney NSW 2001
T7	Perpetual Trustee Company Limited GPO Box 4172 Sydney NSW 2001

ANNEXURE 2

PRESENT RELEVANT INTERESTS

ASXCode	Internal Code	Holding
AWC	17	4,047,328
AWC	26	9,502,078
AWC	2130	2,948,138
AWC	194	2,401,171
AWC	2166	5,454,151
AWC	711	227,686
AWC	2085	1,509,307
AWC	212	5,970,706
AWC	2222	173,897
AWC	2172	1,229,965
AWC	2100	1,529,785
AWC	2161	353,359
AWC	702	1,998,101
AWC	2152	6,265,017
AWC	649	11,077,264
AWC	650	1,918,498
AWC	2125	234,780
AWC	786	962,205
AWC	2131	4,573,287
AWC	2124	152,232
AWC	2127	1,364,367
AWC	779	1,643,635
AWC	670	9,773
AWC	2219	6,690
AWC	740	2,757,220
AWC	2097	1,051,726
AWC	941	3,114,158
AWC	44	9,350,539
AWC	696	14,120,548
AWC	695	14,013,883
AWC	215	12,785,837
AWC	220	2,308,348
AWC	392	12,671,649
AWC	653	5,668,026
AWC	T2	7,015
AWC	449	3,922,637

ANNEXURE 3

CHANGES IN RELEVANT INTERESTS

Account	Security	Volume	Value	AsAtDate
740	AWC	- 52,496	\$ 148,038.44	31/07/2018
2127	AWC	- 53,742	\$ 151,957.97	16/07/2018
2152	AWC	- 119,284	\$ 336,405.49	31/07/2018
740	AWC	- 6,812	\$ 19,188.71	30/07/2018
941	AWC	112,500	\$ 296,943.74	16/04/2018
2152	AWC	- 15,032	\$ 42,346.79	30/07/2018
449	AWC	134,458	\$ 365,452.33	16/05/2018
786	AWC	140,427	\$ 379,778.50	16/05/2018
2100	AWC	64,275	\$ 166,523.69	24/04/2018
449	AWC	53,919	\$ 152,904.85	14/05/2018
2172	AWC	- 10,796	\$ 27,614.79	11/04/2018
17	AWC	- 77,330	\$ 218,086.55	31/07/2018
941	AWC	- 90,000	\$ 237,683.99	10/04/2018
2100	AWC	37,871	\$ 108,856.87	19/04/2018
2100	AWC	31,750	\$ 91,512.92	19/04/2018
449	AWC	- 28,726	\$ 80,523.77	10/05/2018
449	AWC	- 83,656	\$ 233,561.32	9/05/2018
941	AWC	- 90,000	\$ 215,667.90	5/04/2018
2100	AWC	57,491	\$ 151,747.48	16/04/2018
17	AWC	- 132,700	\$ 373,830.44	30/07/2018
2152	AWC	- 2,185,402	\$ 6,184,687.66	16/07/2018
941	AWC	- 189,000	\$ 456,676.78	29/03/2018
2100	AWC	- 47,902	\$ 126,505.99	10/04/2018
786	AWC	- 153,831	\$ 416,194.16	1/05/2018
2100	AWC	- 40,031	\$ 95,926.69	5/04/2018
449	AWC	166,915	\$ 432,508.16	24/04/2018
941	AWC	- 267,995	\$ 669,300.76	26/03/2018
2100	AWC	- 85,799	\$ 207,314.34	29/03/2018
2219	AWC	- 4,010	\$ 10,674.62	31/05/2018
215	AWC	- 572,941	\$ 1,677,606.03	8/08/2018
449	AWC	100,557	\$ 289,074.78	19/04/2018
449	AWC	84,304	\$ 243,025.51	19/04/2018
215	AWC	- 289,700	\$ 838,772.71	7/08/2018
449	AWC	142,136	\$ 375,224.12	16/04/2018
215	AWC	- 3,765	\$ 10,718.45	1/08/2018
215	AWC	- 243,267	\$ 686,011.62	31/07/2018
449	AWC	- 113,710	\$ 300,266.70	10/04/2018
2127	AWC	100,000	\$ 266,909.74	27/04/2018
2127	AWC	100,000	\$ 259,080.03	24/04/2018
215	AWC	- 29,536	\$ 83,199.90	30/07/2018
2127	AWC	150,000	\$ 421,577.18	23/04/2018
2127	AWC	220,000	\$ 630,938.58	20/04/2018
449	AWC	- 93,644	\$ 224,374.77	5/04/2018
2127	AWC	- 131,747	\$ 355,327.85	18/04/2018
449	AWC	- 226,078	\$ 546,206.03	29/03/2018
740	AWC	- 68,377	\$ 177,561.95	29/05/2018
740	AWC	- 500,582	\$ 1,299,365.70	29/05/2018

2152	AWC	-	205,040	\$	532,509.55	29/05/2018
740	AWC		88,886	\$	241,589.16	16/05/2018
2152	AWC	-	1,501,639	\$	3,898,258.60	29/05/2018
740	AWC		37,767	\$	107,100.60	14/05/2018
740	AWC	-	18,308	\$	51,320.38	10/05/2018
2152	AWC		266,640	\$	724,610.10	16/05/2018
740	AWC	-	58,375	\$	162,978.65	9/05/2018
740	AWC	-	5,511	\$	15,377.84	9/05/2018
2152	AWC		113,293	\$	321,231.05	14/05/2018
2152	AWC	-	54,930	\$	153,995.32	10/05/2018
2152	AWC	-	175,111	\$	488,933.58	9/05/2018
2152	AWC	-	16,405	\$	45,781.48	9/05/2018
740	AWC		115,696	\$	299,790.10	24/04/2018
740	AWC		57,190	\$	164,863.22	19/04/2018
44	AWC	-	179,297	\$	505,654.54	31/07/2018
740	AWC		68,215	\$	196,100.09	19/04/2018
670	AWC	-	8,877	\$	24,363.75	22/06/2018
2085	AWC	-	67,645	\$	198,068.67	8/08/2018
2085	AWC	-	34,522	\$	99,952.05	7/08/2018
2152	AWC		347,296	\$	899,774.58	24/04/2018
215	AWC	-	328,094	\$	851,997.18	29/05/2018
215	AWC	-	2,321,211	\$	6,025,190.61	29/05/2018
740	AWC		103,557	\$	273,379.61	16/04/2018
670	AWC	-	11,550	\$	30,746.12	31/05/2018
740	AWC	-	86,285	\$	227,847.26	10/04/2018
2152	AWC		204,619	\$	588,159.43	19/04/2018
2152	AWC		171,547	\$	494,449.34	19/04/2018
2085	AWC	-	28,738	\$	81,041.01	31/07/2018
2085	AWC	-	3,735	\$	10,521.12	30/07/2018
740	AWC	-	71,971	\$	172,445.39	5/04/2018
2152	AWC		310,663	\$	819,994.95	16/04/2018
215	AWC		412,818	\$	1,122,025.45	16/05/2018
215	AWC		175,375	\$	497,332.83	14/05/2018
695	AWC	-	223,866	\$	631,348.30	31/07/2018
740	AWC	-	154,641	\$	373,613.73	29/03/2018
2152	AWC	-	257,839	\$	680,935.61	10/04/2018
392	AWC	-	556,462	\$	1,629,354.52	8/08/2018
392	AWC	-	280,990	\$	813,554.51	7/08/2018
695	AWC	-	837,589	\$	2,363,345.30	26/07/2018
215	AWC	-	84,872	\$	237,910.39	10/05/2018
2152	AWC	-	216,873	\$	519,694.94	5/04/2018
215	AWC	-	270,854	\$	756,204.19	9/05/2018
215	AWC	-	25,989	\$	72,519.40	9/05/2018
2152	AWC	-	463,748	\$	1,120,544.67	29/03/2018
392	AWC	-	3,648	\$	10,385.36	1/08/2018
392	AWC	-	235,568	\$	664,300.49	31/07/2018
392	AWC	-	28,550	\$	80,422.44	30/07/2018
215	AWC		537,387	\$	1,392,470.80	24/04/2018
695	AWC	-	306,000	\$	875,342.09	6/07/2018
2161	AWC	-	34,755	\$	98,016.27	31/07/2018
2161	AWC		31,224	\$	88,599.86	30/07/2018
215	AWC		316,700	\$	910,428.73	19/04/2018
215	AWC		265,513	\$	765,401.77	19/04/2018

2130	AWC	-	59,515	\$	167,844.58	31/07/2018
215	AWC		480,688	\$	1,268,965.86	16/04/2018
2161	AWC	-	5,400	\$	15,236.13	26/07/2018
44	AWC		359,403	\$	982,678.74	16/05/2018
215	AWC	-	400,273	\$	1,056,975.20	10/04/2018
44	AWC		1,075,506	\$	3,025,418.14	15/05/2018
215	AWC	-	334,853	\$	802,321.18	5/04/2018
2222	AWC		6,485	\$	17,733.27	16/05/2018
215	AWC	-	716,622	\$	1,731,363.77	29/03/2018
2222	AWC		21,103	\$	59,369.80	15/05/2018
2085	AWC	-	37,425	\$	97,185.55	29/05/2018
2085	AWC	-	274,020	\$	711,276.45	29/05/2018
2130	AWC	-	500,000	\$	1,334,744.67	31/05/2018
44	AWC	-	965,256	\$	2,611,821.90	1/05/2018
2222	AWC	-	17,687	\$	47,852.68	1/05/2018
2085	AWC		48,658	\$	132,250.81	16/05/2018
44	AWC		369,337	\$	956,878.39	24/04/2018
695	AWC		1,254,048	\$	3,391,135.46	16/05/2018
2085	AWC		20,669	\$	58,613.67	14/05/2018
2222	AWC		6,526	\$	16,910.10	24/04/2018
44	AWC		292,818	\$	841,679.75	19/04/2018
44	AWC		245,491	\$	707,577.88	19/04/2018
2130	AWC	-	300,000	\$	811,750.01	1/05/2018
2222	AWC		7,682	\$	22,083.72	19/04/2018
2222	AWC		6,440	\$	18,564.78	19/04/2018
2085	AWC	-	10,022	\$	28,093.34	10/05/2018
2085	AWC	-	33,768	\$	94,277.74	9/05/2018
2161	AWC		25,952	\$	70,178.14	16/05/2018
392	AWC	-	4,800,000	\$	12,812,105.09	31/05/2018
2130	AWC	-	500,000	\$	1,262,056.60	12/04/2018
392	AWC	-	214,802	\$	557,799.59	29/05/2018
2130	AWC	-	400,000	\$	1,043,792.70	10/04/2018
392	AWC	-	2,242,694	\$	5,821,383.24	29/05/2018
695	AWC	-	1,460,994	\$	3,953,206.33	1/05/2018
2085	AWC		62,232	\$	161,254.82	24/04/2018
44	AWC	-	212,518	\$	502,808.40	28/03/2018
2131	AWC	-	206,047	\$	603,386.12	8/08/2018
2131	AWC	-	402,799	\$	1,166,361.34	7/08/2018
2161	AWC	-	27,006	\$	73,073.74	1/05/2018
2085	AWC		37,338	\$	107,336.87	19/04/2018
2131	AWC		382,567	\$	1,076,666.10	3/08/2018
392	AWC		613,232	\$	1,666,743.97	16/05/2018
392	AWC		190,491	\$	540,199.16	14/05/2018
2085	AWC		31,303	\$	90,238.04	19/04/2018
2131	AWC	-	70,341	\$	198,376.14	31/07/2018
2085	AWC		56,684	\$	149,639.80	16/04/2018
2131	AWC	-	13,380	\$	37,692.93	30/07/2018
392	AWC	-	46,954	\$	131,619.90	10/05/2018
695	AWC	-	120,298	\$	307,741.63	11/04/2018
2085	AWC	-	47,227	\$	124,709.31	10/04/2018
2085	AWC	-	39,406	\$	94,418.35	5/04/2018
392	AWC		536,541	\$	1,493,843.79	3/05/2018
2085	AWC	-	84,646	\$	204,505.33	29/03/2018

17	AWC	-	108,016	\$	280,528.45	29/05/2018
17	AWC	-	755,554	\$	1,961,420.07	29/05/2018
392	AWC		516,427	\$	1,338,159.49	24/04/2018
696	AWC	-	388,695	\$	1,138,250.81	8/08/2018
696	AWC	-	435,074	\$	1,259,818.16	7/08/2018
392	AWC		255,260	\$	735,845.17	19/04/2018
392	AWC		304,470	\$	875,270.71	19/04/2018
696	AWC	-	271,552	\$	765,832.67	31/07/2018
392	AWC		460,896	\$	1,216,717.05	16/04/2018
392	AWC	-	366,291	\$	967,241.11	10/04/2018
392	AWC	-	320,190	\$	767,188.05	5/04/2018
392	AWC	-	873,687	\$	2,110,833.91	29/03/2018
649	AWC	-	176,314	\$	497,241.86	31/07/2018
2131	AWC	-	230,579	\$	598,836.91	29/05/2018
2131	AWC	-	801,224	\$	2,079,979.51	29/05/2018
2131	AWC	-	239,957	\$	615,741.34	24/05/2018
17	AWC		76,598	\$	208,159.64	16/05/2018
696	AWC	-	1,112,718	\$	3,085,044.78	5/07/2018
2131	AWC		201,817	\$	548,449.73	16/05/2018
2131	AWC		100,388	\$	284,640.20	14/05/2018
17	AWC		58,276	\$	165,235.81	14/05/2018
2131	AWC	-	22,223	\$	62,301.80	10/05/2018
2131	AWC	-	97,755	\$	272,945.17	9/05/2018
2131	AWC	-	82,908	\$	231,371.58	9/05/2018
17	AWC	-	28,955	\$	81,174.85	10/05/2018
220	AWC	-	115,562	\$	325,884.22	31/07/2018
17	AWC	-	89,211	\$	249,089.18	9/05/2018
2131	AWC		135,710	\$	351,597.51	24/04/2018
17	AWC	-	3,032	\$	8,461.41	9/05/2018
2131	AWC		136,442	\$	392,190.60	19/04/2018
2131	AWC		114,389	\$	329,703.03	19/04/2018
2131	AWC		110,433	\$	291,487.89	16/04/2018
2131	AWC	-	45,376	\$	119,834.99	10/04/2018
2131	AWC	-	210,794	\$	505,127.77	5/04/2018
653	AWC	-	113,075	\$	331,127.77	8/08/2018
2131	AWC	-	292,551	\$	706,884.91	29/03/2018
17	AWC		177,551	\$	459,999.18	24/04/2018
649	AWC		434,831	\$	1,188,913.77	16/05/2018
649	AWC		1,311,092	\$	3,688,125.89	15/05/2018
653	AWC	-	83,452	\$	235,351.86	31/07/2018
17	AWC		106,000	\$	304,687.74	19/04/2018
17	AWC		88,868	\$	256,143.94	19/04/2018
220	AWC		93,231	\$	254,940.59	16/05/2018
220	AWC		278,151	\$	782,531.76	15/05/2018
653	AWC	-	275,794	\$	778,154.15	26/07/2018
17	AWC		154,745	\$	408,449.41	16/04/2018
649	AWC	-	1,177,988	\$	3,187,439.25	1/05/2018
220	AWC	-	255,091	\$	690,155.98	1/05/2018
649	AWC		634,249	\$	1,643,212.48	24/04/2018
696	AWC		1,000,000	\$	2,832,848.82	20/04/2018
696	AWC		385,997	\$	1,109,514.65	19/04/2018
696	AWC		323,610	\$	932,740.00	19/04/2018
220	AWC		96,902	\$	251,091.31	24/04/2018

649	AWC		250,666	\$	722,493.76	19/04/2018
17	AWC	-	128,077	\$	338,242.82	10/04/2018
220	AWC		76,558	\$	220,084.00	19/04/2018
649	AWC		298,989	\$	859,417.76	19/04/2018
220	AWC		64,185	\$	185,027.89	19/04/2018
17	AWC	-	108,396	\$	259,750.42	5/04/2018
653	AWC	-	329,197	\$	941,699.32	6/07/2018
17	AWC	-	225,349	\$	544,506.11	29/03/2018
702	AWC	-	89,597	\$	262,345.45	8/08/2018
702	AWC	-	44,949	\$	130,141.51	7/08/2018
702	AWC	-	37,389	\$	105,436.78	31/07/2018
702	AWC	-	25,329	\$	71,349.21	30/07/2018
650	AWC	-	47,290	\$	133,367.56	31/07/2018
2166	AWC	-	59,515	\$	167,844.58	31/07/2018
2166	AWC	-	158,582	\$	447,439.90	26/07/2018
2124	AWC	-	2,836	\$	7,998.10	31/07/2018
2166	AWC	-	146,000	\$	417,646.88	6/07/2018
194	AWC	-	107,151	\$	313,744.64	8/08/2018
194	AWC	-	197,137	\$	570,773.67	7/08/2018
2124	AWC	-	15,475	\$	42,549.54	20/07/2018
194	AWC		177,624	\$	499,947.00	3/08/2018
194	AWC	-	33,908	\$	95,620.37	31/07/2018
194	AWC	-	601,778	\$	1,695,147.25	30/07/2018
702	AWC	-	54,356	\$	141,152.10	29/05/2018
702	AWC	-	355,457	\$	922,663.29	29/05/2018
702	AWC		71,394	\$	194,046.49	16/05/2018
702	AWC		26,881	\$	76,229.81	14/05/2018
702	AWC	-	14,031	\$	39,331.24	10/05/2018
702	AWC	-	41,428	\$	115,663.89	9/05/2018
702	AWC	-	4,228	\$	11,797.76	9/05/2018
779	AWC	-	73,696	\$	215,786.37	8/08/2018
779	AWC	-	37,564	\$	108,759.61	7/08/2018
2097	AWC	-	30,728	\$	86,659.30	31/07/2018
2097	AWC	-	99,296	\$	280,164.16	26/07/2018
650	AWC		77,193	\$	211,060.90	16/05/2018
779	AWC	-	31,300	\$	88,265.83	31/07/2018
650	AWC		227,070	\$	638,752.09	15/05/2018
779	AWC	-	3,555	\$	10,014.07	30/07/2018
2166	AWC	-	270,000	\$	730,575.01	1/05/2018
702	AWC		61,257	\$	158,728.41	24/04/2018
2124	AWC		6,738	\$	18,423.02	16/05/2018
702	AWC		58,040	\$	166,849.65	19/04/2018
702	AWC		48,660	\$	140,273.54	19/04/2018
2124	AWC		15,826	\$	44,518.84	15/05/2018
702	AWC		47,050	\$	124,207.07	16/04/2018
2097	AWC	-	89,920	\$	257,224.71	6/07/2018
2166	AWC	-	23,134	\$	59,180.49	11/04/2018
26	AWC	-	428,071	\$	1,253,559.13	8/08/2018
26	AWC	-	225,275	\$	652,315.55	7/08/2018
702	AWC	-	29,477	\$	77,838.02	10/04/2018
2124	AWC	-	18,849	\$	51,002.26	1/05/2018
194	AWC		580,000	\$	1,541,104.64	5/06/2018
650	AWC	-	206,946	\$	559,961.39	1/05/2018

702	AWC	-	77,845	\$	186,519.74	5/04/2018
2124	AWC		7,248	\$	18,778.12	24/04/2018
26	AWC	-	2,097	\$	5,970.32	1/08/2018
26	AWC	-	178,484	\$	503,361.70	31/07/2018
650	AWC		76,648	\$	198,579.66	24/04/2018
702	AWC	-	126,001	\$	304,419.30	29/03/2018
2124	AWC		3,056	\$	8,808.30	19/04/2018
2124	AWC		3,645	\$	10,477.23	19/04/2018
26	AWC	-	561,254	\$	1,581,113.97	30/07/2018
194	AWC	-	109,958	\$	285,539.83	29/05/2018
194	AWC	-	395,570	\$	1,026,785.01	29/05/2018
653	AWC		423,892	\$	1,146,268.08	16/05/2018
650	AWC		68,222	\$	196,098.18	19/04/2018
650	AWC		57,196	\$	164,855.83	19/04/2018
194	AWC		96,400	\$	262,011.96	16/05/2018
711	AWC	-	2,875	\$	8,107.48	31/07/2018
194	AWC		48,465	\$	137,438.26	14/05/2018
194	AWC	-	13,004	\$	36,452.38	10/05/2018
194	AWC	-	46,284	\$	129,221.48	9/05/2018
711	AWC	-	51,745	\$	142,260.27	20/07/2018
194	AWC	-	31,373	\$	87,542.86	9/05/2018
2125	AWC	-	12,464	\$	35,151.05	31/07/2018
194	AWC		66,505	\$	172,326.97	24/04/2018
779	AWC	-	40,923	\$	106,269.18	29/05/2018
2097	AWC		155,681	\$	420,984.97	16/05/2018
779	AWC	-	298,339	\$	774,401.53	29/05/2018
194	AWC		66,551	\$	191,316.52	19/04/2018
194	AWC		55,794	\$	160,838.93	19/04/2018
941	AWC	-	91,873	\$	269,040.04	8/08/2018
941	AWC	-	114,362	\$	331,151.31	7/08/2018
194	AWC		45,775	\$	120,841.20	16/04/2018
653	AWC	-	487,849	\$	1,320,038.10	1/05/2018
779	AWC		52,619	\$	143,016.68	16/05/2018
711	AWC	-	41,884	\$	114,990.95	19/06/2018
779	AWC		23,012	\$	65,258.01	14/05/2018
941	AWC		150,000	\$	422,148.06	3/08/2018
194	AWC	-	33,799	\$	89,250.85	10/04/2018
194	AWC	-	107,879	\$	258,482.40	5/04/2018
941	AWC	-	69,828	\$	196,929.37	31/07/2018
779	AWC	-	11,728	\$	32,875.55	10/05/2018
779	AWC	-	26,911	\$	75,133.51	9/05/2018
941	AWC	-	88,625	\$	249,666.33	30/07/2018
2097	AWC	-	168,320	\$	455,445.88	1/05/2018
194	AWC	-	144,588	\$	349,325.62	29/03/2018
779	AWC		59,519	\$	154,224.92	24/04/2018
779	AWC		278,259	\$	729,038.58	24/04/2018
711	AWC		12,367	\$	33,817.61	16/05/2018
711	AWC		41,537	\$	116,857.47	15/05/2018
779	AWC		29,406	\$	84,769.51	19/04/2018
779	AWC		35,076	\$	100,834.22	19/04/2018
2100	AWC	-	68,563	\$	200,779.25	8/08/2018
2100	AWC	-	35,046	\$	101,480.63	7/08/2018
2125	AWC		9,752	\$	26,663.89	16/05/2018

2125	AWC		29,715	\$	83,588.84	15/05/2018
653	AWC	-	250,000	\$	652,370.44	10/04/2018
779	AWC		53,243	\$	140,555.93	16/04/2018
26	AWC	-	401,808	\$	1,043,535.89	29/05/2018
26	AWC	-	1,816,451	\$	4,715,511.34	29/05/2018
711	AWC	-	32,077	\$	86,785.24	1/05/2018
779	AWC	-	44,366	\$	117,154.45	10/04/2018
2100	AWC	-	29,129	\$	82,149.80	31/07/2018
2100	AWC	-	3,859	\$	10,871.23	30/07/2018
212	AWC	-	69,828	\$	196,929.37	31/07/2018
711	AWC		11,397	\$	29,531.76	24/04/2018
779	AWC	-	37,164	\$	89,046.43	5/04/2018
2125	AWC	-	26,106	\$	70,638.49	1/05/2018
449	AWC	-	183,257	\$	536,587.63	8/08/2018
449	AWC	-	89,255	\$	258,421.33	7/08/2018
711	AWC		10,647	\$	30,692.41	19/04/2018
711	AWC		12,700	\$	36,509.14	19/04/2018
779	AWC	-	79,524	\$	192,130.54	29/03/2018
212	AWC	-	200,314	\$	565,186.95	26/07/2018
2125	AWC		9,548	\$	24,736.95	24/04/2018
26	AWC		237,155	\$	644,482.85	16/05/2018
2125	AWC		5,617	\$	16,145.57	19/04/2018
2125	AWC		4,710	\$	13,575.62	19/04/2018
449	AWC	-	5,853	\$	16,662.70	1/08/2018
26	AWC		130,501	\$	370,022.62	14/05/2018
449	AWC	-	74,403	\$	209,816.05	31/07/2018
449	AWC	-	97,223	\$	273,867.27	30/07/2018
26	AWC	-	71,766	\$	201,194.75	10/05/2018
711	AWC		24,383	\$	58,615.76	29/03/2018
786	AWC	-	28,061	\$	79,131.87	31/07/2018
26	AWC	-	216,416	\$	604,262.72	9/05/2018
26	AWC	-	43,984	\$	122,746.27	9/05/2018
786	AWC	-	92,310	\$	260,433.57	26/07/2018
2172	AWC	-	48,000	\$	137,293.09	6/07/2018
941	AWC	-	112,200	\$	291,394.71	29/05/2018
2172	AWC	-	92,615	\$	259,217.73	25/06/2018
941	AWC	-	712,800	\$	1,850,430.58	29/05/2018
786	AWC	-	80,883	\$	231,347.45	6/07/2018
26	AWC		425,148	\$	1,101,473.55	24/04/2018
941	AWC		150,000	\$	407,633.94	16/05/2018
26	AWC		256,466	\$	737,189.11	19/04/2018
26	AWC		215,015	\$	619,737.01	19/04/2018
2172	AWC	-	93,004	\$	247,957.37	4/06/2018
941	AWC	-	68,221	\$	190,482.25	9/05/2018
941	AWC	-	12,666	\$	35,347.04	9/05/2018
2100	AWC	-	37,902	\$	98,435.31	29/05/2018
26	AWC		364,139	\$	961,144.86	16/04/2018
2100	AWC	-	277,774	\$	721,102.00	29/05/2018
26	AWC	-	309,378	\$	817,046.66	10/04/2018
17	AWC	-	182,160	\$	533,435.64	8/08/2018
2100	AWC		49,325	\$	134,043.63	16/05/2018
212	AWC	-	342,000	\$	925,395.02	1/05/2018
2100	AWC		20,963	\$	59,438.49	14/05/2018

17	AWC	-	93,085	\$	269,540.76	7/08/2018
26	AWC	-	250,954	\$	601,363.59	5/04/2018
941	AWC		160,211	\$	415,074.70	24/04/2018
2127	AWC	-	25,862	\$	72,936.18	31/07/2018
449	AWC	-	90,520	\$	235,063.07	29/05/2018
740	AWC	-	123,575	\$	361,835.10	8/08/2018
740	AWC	-	63,049	\$	182,546.70	7/08/2018
2100	AWC	-	10,159	\$	28,480.58	10/05/2018
2152	AWC	-	280,781	\$	822,236.46	8/08/2018
2152	AWC	-	143,329	\$	415,029.34	7/08/2018
26	AWC	-	537,766	\$	1,299,392.83	29/03/2018
212	AWC	-	307,932	\$	799,392.25	13/04/2018
449	AWC	-	706,685	\$	1,834,349.32	29/05/2018
941	AWC		85,000	\$	244,995.21	19/04/2018
2100	AWC	-	32,392	\$	90,442.84	9/05/2018
2100	AWC	-	4,199	\$	11,718.17	9/05/2018
941	AWC		101,387	\$	291,428.07	19/04/2018
2172	AWC	-	90,000	\$	243,497.56	1/05/2018
T2	AWC		5,209	\$	13,817.91	5/06/2018