

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 20 / 10 / 2017

The previous notice was given to the company on 03 / 05 / 2017

The previous notice was dated 01 / 05 / 2017

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	287,024,010	9.97%	248,910,103	8.64%

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 **GLEND A CHARLES**

Capacity **DEPUTY 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
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

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	8,160,120
AWC	26	19,977,806
AWC	2130	5,001,956
AWC	194	4,567,307
AWC	2166	5,527,799
AWC	711	359,856
AWC	2085	2,865,259
AWC	212	6,754,985
AWC	2172	1,399,358
AWC	2100	2,909,166
AWC	2161	191,948
AWC	702	3,839,188
AWC	2152	15,698,780
AWC	649	13,467,874
AWC	230	13,598,348
AWC	650	2,370,745
AWC	2125	315,890
AWC	786	1,622,472
AWC	2131	9,122,825
AWC	2124	252,038
AWC	2127	1,036,830
AWC	779	2,382,897
AWC	670	57,200
AWC	2219	20,075
AWC	740	5,234,507
AWC	2097	1,227,008
AWC	941	7,018,714
AWC	44	11,082,164
AWC	696	19,053,038
AWC	695	11,460,913
AWC	215	24,326,212
AWC	220	3,363,029
AWC	392	29,629,775
AWC	653	7,401,744
AWC	T2	2,396
AWC	449	7,609,881

ANNEXURE 3

CHANGES IN RELEVANT INTERESTS

Account	Security	Volume	Value	AsAtDate
230	AWC	- 79,064	\$ 181,381.40	18/10/2017
230	AWC	- 293,627	\$ 672,762.08	18/10/2017
230	AWC	- 73,368	\$ 167,827.91	18/10/2017
230	AWC	- 78,205	\$ 178,578.41	18/10/2017
230	AWC	175,020	\$ 394,661.35	17/10/2017
2131	AWC	- 51,603	\$ 118,396.21	18/10/2017
2131	AWC	- 47,293	\$ 108,189.96	18/10/2017
2131	AWC	- 51,042	\$ 116,570.16	18/10/2017
2131	AWC	93,341	\$ 210,447.78	17/10/2017
2131	AWC	- 289,490	\$ 642,794.82	11/10/2017
26	AWC	- 1,116,970	\$ 2,600,434.62	20/10/2017
230	AWC	- 436,493	\$ 969,060.30	11/10/2017
230	AWC	- 290,996	\$ 647,850.36	11/10/2017
2131	AWC	- 192,994	\$ 429,714.92	11/10/2017
26	AWC	336,745	\$ 777,349.77	19/10/2017
26	AWC	- 428,877	\$ 982,759.40	18/10/2017
230	AWC	- 452,483	\$ 1,015,846.96	06/10/2017
230	AWC	- 237,366	\$ 530,822.53	05/10/2017
392	AWC	- 1,061,276	\$ 2,230,299.90	31/08/2017
2131	AWC	- 288,234	\$ 647,197.02	06/10/2017
2131	AWC	- 232,965	\$ 521,039.27	05/10/2017
2172	AWC	1,745	\$ 3,058.62	11/05/2017
2172	AWC	1,960	\$ 3,456.67	11/05/2017
26	AWC	- 115,483	\$ 264,960.39	18/10/2017
26	AWC	- 107,777	\$ 246,556.35	18/10/2017
26	AWC	- 114,229	\$ 260,877.17	18/10/2017
26	AWC	204,707	\$ 461,534.96	17/10/2017
2172	AWC	3,982	\$ 6,978.41	11/05/2017
392	AWC	- 116,019	\$ 243,237.89	29/08/2017
696	AWC	81,900	\$ 157,489.77	30/06/2017
26	AWC	- 652,908	\$ 1,449,742.23	11/10/2017
26	AWC	- 435,272	\$ 969,164.18	11/10/2017
392	AWC	- 1,078,693	\$ 2,324,958.56	25/08/2017
2172	AWC	13,748	\$ 23,272.46	08/05/2017
44	AWC	359,343	\$ 680,850.29	04/08/2017
44	AWC	453,796	\$ 863,129.01	03/08/2017
2172	AWC	36,180	\$ 61,302.00	04/05/2017
2172	AWC	27,648	\$ 47,007.15	04/05/2017
26	AWC	- 669,872	\$ 1,504,122.22	06/10/2017
26	AWC	- 349,253	\$ 781,123.89	05/10/2017
2152	AWC	- 3,121,099	\$ 6,023,408.96	03/07/2017
2172	AWC	200,000	\$ 351,358.79	02/05/2017
230	AWC	92,048	\$ 200,976.95	14/09/2017
2131	AWC	62,268	\$ 135,935.15	14/09/2017
230	AWC	71,048	\$ 154,065.61	08/09/2017
2131	AWC	102,724	\$ 222,729.11	08/09/2017
212	AWC	13,137	\$ 23,023.78	11/05/2017

653	AWC	26,200	\$	50,381.35	30/06/2017
2097	AWC	11,920	\$	20,890.88	11/05/2017
212	AWC	14,751	\$	26,012.02	11/05/2017
212	AWC	29,971	\$	52,517.89	11/05/2017
2097	AWC	27,197	\$	47,657.03	11/05/2017
2097	AWC	13,386	\$	23,603.62	11/05/2017
212	AWC	87,750	\$	148,525.51	08/05/2017
44	AWC	122,921	\$	236,371.18	30/06/2017
212	AWC	188,437	\$	319,256.52	04/05/2017
212	AWC	144,000	\$	244,801.40	04/05/2017
230	AWC	- 474,639	\$	997,466.56	31/08/2017
2097	AWC	25,868	\$	43,784.14	08/05/2017
2131	AWC	- 352,014	\$	739,850.20	31/08/2017
212	AWC	816,000	\$	1,433,382.84	02/05/2017
2097	AWC	75,251	\$	127,492.86	04/05/2017
2097	AWC	57,506	\$	97,760.76	04/05/2017
26	AWC	135,643	\$	296,117.63	14/09/2017
230	AWC	- 53,560	\$	112,290.42	29/08/2017
230	AWC	- 496,830	\$	1,070,841.44	25/08/2017
2131	AWC	- 301,104	\$	649,081.40	25/08/2017
2152	AWC	- 982,262	\$	1,906,581.44	07/06/2017
2100	AWC	- 163,518	\$	380,688.71	20/10/2017
2166	AWC	15,708	\$	27,529.69	11/05/2017
2166	AWC	35,837	\$	62,796.82	11/05/2017
2166	AWC	17,638	\$	31,102.97	11/05/2017
26	AWC	65,697	\$	142,446.11	08/09/2017
44	AWC	817,178	\$	1,530,682.32	16/06/2017
449	AWC	- 411,353	\$	957,569.19	20/10/2017
449	AWC	118,511	\$	273,614.42	19/10/2017
2100	AWC	49,567	\$	114,421.58	19/10/2017
2100	AWC	- 62,813	\$	143,934.21	18/10/2017
2100	AWC	- 16,914	\$	38,806.92	18/10/2017
2100	AWC	- 15,695	\$	35,904.71	18/10/2017
2100	AWC	- 16,730	\$	38,208.13	18/10/2017
2100	AWC	37,453	\$	84,442.00	17/10/2017
449	AWC	- 156,721	\$	359,081.24	18/10/2017
449	AWC	- 42,200	\$	96,811.37	18/10/2017
449	AWC	- 39,838	\$	91,128.67	18/10/2017
449	AWC	- 41,742	\$	95,316.41	18/10/2017
449	AWC	124,144	\$	279,938.52	17/10/2017
2100	AWC	- 93,375	\$	207,333.47	11/10/2017
2100	AWC	- 62,250	\$	138,604.07	11/10/2017
2166	AWC	41,243	\$	69,807.83	08/05/2017
2166	AWC	120,600	\$	204,324.72	04/05/2017
2166	AWC	92,160	\$	156,672.90	04/05/2017
449	AWC	- 231,432	\$	513,803.34	11/10/2017
449	AWC	- 154,288	\$	343,494.54	11/10/2017
2100	AWC	- 96,787	\$	217,324.32	06/10/2017
2166	AWC	637,440	\$	1,119,724.95	02/05/2017
449	AWC	- 221,436	\$	497,134.89	06/10/2017
2100	AWC	- 52,753	\$	117,985.04	05/10/2017
449	AWC	- 170,000	\$	380,171.68	04/10/2017
26	AWC	- 699,888	\$	1,470,999.09	31/08/2017

215	AWC	-	1,367,532	\$	3,183,413.05	20/10/2017
215	AWC		414,651	\$	957,333.02	19/10/2017
215	AWC	-	525,222	\$	1,203,395.60	18/10/2017
215	AWC	-	141,425	\$	324,444.29	18/10/2017
392	AWC		785,308	\$	1,515,565.91	03/07/2017
26	AWC	-	76,113	\$	159,591.55	29/08/2017
215	AWC	-	131,249	\$	300,229.59	18/10/2017
215	AWC	-	139,890	\$	319,433.96	18/10/2017
215	AWC		313,890	\$	707,806.26	17/10/2017
392	AWC		47,930	\$	92,177.44	30/06/2017
696	AWC		628,123	\$	1,064,187.86	04/05/2017
26	AWC	-	1,682,247	\$	3,626,372.41	25/08/2017
215	AWC	-	520,314	\$	1,158,385.72	11/10/2017
215	AWC	-	780,471	\$	1,732,727.57	11/10/2017
696	AWC		480,000	\$	816,004.68	04/05/2017
215	AWC	-	809,637	\$	1,817,675.54	06/10/2017
702	AWC	-	222,435	\$	517,795.91	20/10/2017
215	AWC	-	423,937	\$	948,052.01	05/10/2017
702	AWC		61,421	\$	141,806.85	19/10/2017
702	AWC	-	22,390	\$	51,365.09	18/10/2017
702	AWC	-	83,150	\$	190,514.39	18/10/2017
702	AWC	-	20,169	\$	46,136.20	18/10/2017
702	AWC	-	22,147	\$	50,571.90	18/10/2017
702	AWC		42,607	\$	96,076.65	17/10/2017
2100	AWC		19,703	\$	43,012.96	14/09/2017
2160	AWC	-	1,660,923	\$	2,906,615.25	02/05/2017
44	AWC		21,939	\$	42,739.16	24/05/2017
449	AWC		51,162	\$	111,706.74	14/09/2017
2100	AWC		15,064	\$	32,662.19	08/09/2017
449	AWC		13,415	\$	29,090.05	08/09/2017
702	AWC	-	122,678	\$	272,358.04	11/10/2017
702	AWC	-	81,785	\$	182,079.62	11/10/2017
702	AWC	-	123,541	\$	277,355.73	06/10/2017
702	AWC	-	75,469	\$	168,771.62	05/10/2017
17	AWC		55,202	\$	120,509.62	14/09/2017
2100	AWC	-	101,617	\$	213,574.91	31/08/2017
44	AWC		100,399	\$	175,948.28	11/05/2017
44	AWC		112,737	\$	198,801.22	11/05/2017
44	AWC		229,062	\$	401,405.99	11/05/2017
449	AWC	-	113,152	\$	237,791.95	31/08/2017
2124	AWC	-	43,833	\$	102,048.27	20/10/2017
215	AWC		164,652	\$	359,500.01	14/09/2017
2100	AWC	-	11,462	\$	24,033.19	29/08/2017
2100	AWC	-	111,410	\$	240,163.40	25/08/2017
2131	AWC		209,759	\$	404,813.89	03/07/2017
2131	AWC		60,343	\$	116,036.69	30/06/2017
44	AWC		255,429	\$	432,756.70	04/05/2017
44	AWC		195,195	\$	331,833.40	04/05/2017
215	AWC		125,180	\$	271,449.33	08/09/2017
230	AWC		359,833	\$	694,441.71	03/07/2017
449	AWC	-	120,108	\$	258,874.51	25/08/2017
44	AWC		683,815	\$	1,201,118.63	02/05/2017
230	AWC		33,281	\$	64,004.96	30/06/2017

449	AWC	-	350,000	\$	747,764.15	24/08/2017
702	AWC		26,107	\$	57,001.84	14/09/2017
702	AWC		47,244	\$	102,447.30	08/09/2017
17	AWC		40,464	\$	87,735.19	08/09/2017
215	AWC	-	848,425	\$	1,782,987.84	31/08/2017
2124	AWC		4,911	\$	10,722.44	14/09/2017
215	AWC	-	94,199	\$	197,491.50	29/08/2017
215	AWC	-	917,939	\$	1,978,477.78	25/08/2017
702	AWC	-	144,408	\$	303,477.27	31/08/2017
702	AWC	-	146,884	\$	316,586.10	25/08/2017
2161	AWC		15,430	\$	31,310.78	12/07/2017
17	AWC	-	286,580	\$	602,323.40	31/08/2017
2100	AWC		76,853	\$	148,318.60	03/07/2017
449	AWC		190,047	\$	366,771.71	03/07/2017
2100	AWC		5,358	\$	10,303.17	30/06/2017
2124	AWC		8,641	\$	16,372.17	04/08/2017
2161	AWC		15,973	\$	30,715.31	30/06/2017
449	AWC		17,826	\$	34,282.39	30/06/2017
2124	AWC		8,438	\$	16,049.25	03/08/2017
17	AWC	-	32,611	\$	68,377.81	29/08/2017
215	AWC		3,706,274	\$	7,097,514.71	21/07/2017
653	AWC		48,754	\$	85,445.79	11/05/2017
653	AWC		111,235	\$	194,915.99	11/05/2017
653	AWC		54,746	\$	96,534.00	11/05/2017
17	AWC	-	676,803	\$	1,458,965.14	25/08/2017
702	AWC		87,861	\$	169,562.94	03/07/2017
2085	AWC	-	161,060	\$	374,923.95	20/10/2017
2085	AWC		48,816	\$	112,704.82	19/10/2017
215	AWC		564,834	\$	1,090,073.14	03/07/2017
649	AWC	-	1,825,028	\$	4,248,875.08	20/10/2017
702	AWC		37,664	\$	72,434.20	30/06/2017
2085	AWC	-	16,654	\$	38,206.09	18/10/2017
2085	AWC	-	61,851	\$	141,713.84	18/10/2017
2085	AWC	-	15,459	\$	35,362.17	18/10/2017
2085	AWC	-	16,473	\$	37,615.52	18/10/2017
2085	AWC		36,890	\$	83,185.11	17/10/2017
2124	AWC	-	18,693	\$	37,981.77	11/07/2017
653	AWC		81,900	\$	138,623.81	08/05/2017
2085	AWC	-	91,973	\$	204,189.72	11/10/2017
2124	AWC		3,456	\$	6,645.72	30/06/2017
215	AWC		30,533	\$	58,720.09	30/06/2017
653	AWC		75,902	\$	128,471.60	08/05/2017
2085	AWC	-	61,315	\$	136,506.84	11/10/2017
2085	AWC	-	95,333	\$	214,027.35	06/10/2017
2085	AWC	-	49,840	\$	111,457.39	05/10/2017
653	AWC		275,177	\$	466,214.45	04/05/2017
653	AWC		210,285	\$	357,486.55	04/05/2017
2124	AWC		12,706	\$	23,800.02	16/06/2017
2161	AWC		1,239	\$	2,171.46	11/05/2017
2161	AWC		1,391	\$	2,452.89	11/05/2017
2161	AWC		2,825	\$	4,950.21	11/05/2017
2161	AWC		4,452	\$	7,535.45	08/05/2017
2161	AWC		6,583	\$	11,153.15	04/05/2017

653	AWC	300,000	\$	526,948.94	02/05/2017
2161	AWC	5,030	\$	8,551.05	04/05/2017
2161	AWC	45,665	\$	80,214.98	02/05/2017
2085	AWC	19,394	\$	42,344.72	14/09/2017
2085	AWC	14,823	\$	32,143.26	08/09/2017
649	AWC	916,968	\$	2,002,063.69	14/09/2017
2085	AWC	- 100,035	\$	210,226.23	31/08/2017
711	AWC	- 46,608	\$	108,496.56	20/10/2017
2085	AWC	- 11,303	\$	23,697.14	29/08/2017
2124	AWC	2,531	\$	4,435.54	11/05/2017
2085	AWC	- 110,738	\$	238,678.90	25/08/2017
2124	AWC	5,775	\$	10,120.06	11/05/2017
2124	AWC	2,842	\$	5,011.61	11/05/2017
2124	AWC	6,694	\$	11,341.21	04/05/2017
2124	AWC	5,115	\$	8,695.54	04/05/2017
2124	AWC	20,295	\$	35,648.09	02/05/2017
2125	AWC	- 47,525	\$	110,643.67	20/10/2017
248	AWC	- 15,796,169	\$	31,908,261.38	21/08/2017
711	AWC	29,939	\$	65,374.71	14/09/2017
2125	AWC	21,332	\$	46,575.26	14/09/2017
248	AWC	337,503	\$	651,347.04	03/07/2017
649	AWC	420,862	\$	797,410.87	04/08/2017
649	AWC	297,787	\$	566,396.79	03/08/2017
2085	AWC	75,402	\$	145,518.32	03/07/2017
248	AWC	14,104	\$	27,124.36	30/06/2017
2085	AWC	3,214	\$	6,181.07	30/06/2017
2085	AWC	173,684	\$	342,600.26	29/06/2017
711	AWC	11,576	\$	21,935.62	04/08/2017
711	AWC	7,066	\$	13,441.18	03/08/2017
711	AWC	- 19,447	\$	37,497.97	27/07/2017
2125	AWC	10,574	\$	20,034.65	04/08/2017
2125	AWC	12,993	\$	24,712.94	03/08/2017
649	AWC	85,810	\$	165,008.51	30/06/2017
711	AWC	4,627	\$	8,898.50	30/06/2017
711	AWC	34,250	\$	64,164.39	16/06/2017
2125	AWC	- 18,463	\$	37,803.86	10/07/2017
649	AWC	944,599	\$	1,769,358.68	16/06/2017
2125	AWC	11,694	\$	21,904.40	16/06/2017
779	AWC	- 133,712	\$	311,261.84	20/10/2017
779	AWC	40,495	\$	93,493.57	19/10/2017
779	AWC	- 51,133	\$	117,156.61	18/10/2017
779	AWC	- 13,769	\$	31,587.58	18/10/2017
779	AWC	- 12,856	\$	29,407.86	18/10/2017
779	AWC	- 13,619	\$	31,098.52	18/10/2017
779	AWC	31,483	\$	70,992.59	17/10/2017
779	AWC	- 76,172	\$	169,109.83	11/10/2017
779	AWC	- 50,781	\$	113,054.78	11/10/2017
779	AWC	- 78,254	\$	175,684.15	06/10/2017
711	AWC	3,722	\$	6,523.51	11/05/2017
711	AWC	4,179	\$	7,370.11	11/05/2017
711	AWC	8,490	\$	14,879.46	11/05/2017
779	AWC	- 204,938	\$	458,303.67	05/10/2017
711	AWC	8,178	\$	13,856.49	04/05/2017

711	AWC	6,250	\$	10,626.25	04/05/2017
711	AWC	14,785	\$	25,972.71	02/05/2017
779	AWC	17,058	\$	37,244.32	14/09/2017
2125	AWC	2,436	\$	4,269.06	11/05/2017
2125	AWC	5,559	\$	9,741.53	11/05/2017
2125	AWC	2,736	\$	4,824.69	11/05/2017
779	AWC	13,078	\$	28,359.28	08/09/2017
17	AWC	222,799	\$	429,979.79	03/07/2017
649	AWC	121,335	\$	212,638.41	11/05/2017
649	AWC	136,247	\$	240,258.92	11/05/2017
2125	AWC	8,062	\$	13,658.92	04/05/2017
649	AWC	276,827	\$	485,108.91	11/05/2017
2125	AWC	6,161	\$	10,473.76	04/05/2017
2125	AWC	24,590	\$	43,192.25	02/05/2017
17	AWC	33,153	\$	63,751.63	30/06/2017
779	AWC	- 87,995	\$	184,923.86	31/08/2017
649	AWC	310,411	\$	525,909.12	04/05/2017
649	AWC	237,211	\$	403,261.01	04/05/2017
779	AWC	- 9,939	\$	20,837.46	29/08/2017
779	AWC	- 94,248	\$	203,137.21	25/08/2017
649	AWC	859,971	\$	1,510,536.03	02/05/2017
650	AWC	- 339,725	\$	790,918.87	20/10/2017
220	AWC	- 500,897	\$	1,166,014.43	20/10/2017
670	AWC	13,500	\$	25,655.64	31/07/2017
670	AWC	11,000	\$	20,543.24	22/06/2017
740	AWC	- 294,291	\$	685,066.09	20/10/2017
740	AWC	89,192	\$	205,923.64	19/10/2017
740	AWC	- 30,434	\$	69,818.90	18/10/2017
740	AWC	- 113,025	\$	258,964.38	18/10/2017
740	AWC	- 28,242	\$	64,603.04	18/10/2017
740	AWC	- 30,103	\$	68,739.16	18/10/2017
740	AWC	67,383	\$	151,945.29	17/10/2017
740	AWC	- 168,019	\$	373,019.83	11/10/2017
740	AWC	- 112,012	\$	249,374.61	11/10/2017
740	AWC	- 174,173	\$	391,027.09	06/10/2017
650	AWC	163,822	\$	357,681.05	14/09/2017
740	AWC	- 91,328	\$	204,237.17	05/10/2017
779	AWC	- 292,970	\$	563,826.42	20/07/2017
194	AWC	- 240,621	\$	560,130.25	20/10/2017
194	AWC	58,789	\$	135,730.17	19/10/2017
220	AWC	118,524	\$	258,808.65	14/09/2017
194	AWC	- 89,298	\$	204,600.76	18/10/2017
194	AWC	- 24,045	\$	55,161.84	18/10/2017
194	AWC	- 22,470	\$	51,399.69	18/10/2017
194	AWC	- 23,784	\$	54,309.93	18/10/2017
194	AWC	44,449	\$	100,230.27	17/10/2017
194	AWC	- 140,783	\$	312,553.05	11/10/2017
194	AWC	- 93,855	\$	208,951.32	11/10/2017
194	AWC	- 138,748	\$	311,496.19	06/10/2017
779	AWC	72,692	\$	140,288.29	03/07/2017
194	AWC	- 307,486	\$	687,632.17	05/10/2017
779	AWC	5,453	\$	10,487.03	30/06/2017
740	AWC	35,432	\$	77,361.98	14/09/2017

740	AWC		27,316	\$	59,233.98	08/09/2017
194	AWC		32,107	\$	70,102.20	14/09/2017
2127	AWC	-	44,562	\$	84,399.70	31/07/2017
740	AWC	-	182,728	\$	384,007.78	31/08/2017
740	AWC	-	20,612	\$	43,213.78	29/08/2017
740	AWC	-	200,115	\$	431,317.42	25/08/2017
220	AWC		111,982	\$	212,197.10	04/08/2017
220	AWC		81,292	\$	154,636.37	03/08/2017
2219	AWC		4,750	\$	9,026.99	31/07/2017
650	AWC		77,022	\$	145,934.25	04/08/2017
2219	AWC		15,325	\$	29,645.75	26/07/2017
650	AWC		73,628	\$	140,041.91	03/08/2017
695	AWC		68,327	\$	131,389.54	30/06/2017
220	AWC		13,292	\$	25,562.75	30/06/2017
2166	AWC		312,397	\$	610,392.34	11/08/2017
220	AWC		13,682	\$	25,632.03	16/06/2017
194	AWC	-	500,000	\$	965,953.54	03/07/2017
194	AWC		174,021	\$	334,671.62	30/06/2017
194	AWC	-	490,000	\$	963,315.90	29/06/2017
650	AWC		17,094	\$	32,870.94	30/06/2017
740	AWC		138,208	\$	266,727.62	03/07/2017
740	AWC		13,120	\$	25,231.97	30/06/2017
650	AWC		165,891	\$	310,735.75	16/06/2017
2166	AWC		20,000	\$	38,459.04	30/06/2017
695	AWC		75,554	\$	132,415.22	11/05/2017
695	AWC		172,379	\$	302,058.00	11/05/2017
695	AWC		84,840	\$	149,607.46	11/05/2017
220	AWC		29,677	\$	52,014.49	11/05/2017
220	AWC		67,709	\$	118,665.92	11/05/2017
220	AWC		33,324	\$	58,770.38	11/05/2017
220	AWC		91,054	\$	154,278.42	04/05/2017
220	AWC		69,581	\$	118,301.67	04/05/2017
695	AWC		215,507	\$	364,766.80	08/05/2017
220	AWC		247,913	\$	435,507.22	02/05/2017
695	AWC		439,636	\$	744,846.61	04/05/2017
695	AWC		335,962	\$	571,138.67	04/05/2017
695	AWC		3,300,895	\$	5,798,341.00	02/05/2017
696	AWC	-	1,500,000	\$	3,492,172.51	20/10/2017
696	AWC	-	636,000	\$	1,457,375.84	18/10/2017
696	AWC	-	171,254	\$	392,919.52	18/10/2017
696	AWC	-	159,000	\$	363,736.79	18/10/2017
696	AWC	-	169,394	\$	386,863.47	18/10/2017
696	AWC	-	960,000	\$	2,131,621.20	11/10/2017
696	AWC	-	640,000	\$	1,425,005.68	11/10/2017
696	AWC	-	846,000	\$	1,899,597.83	06/10/2017
696	AWC	-	507,600	\$	1,135,275.82	05/10/2017
650	AWC		21,400	\$	37,503.29	11/05/2017
650	AWC		24,030	\$	42,374.67	11/05/2017
650	AWC		48,823	\$	85,556.94	11/05/2017
650	AWC		52,982	\$	89,763.95	04/05/2017
650	AWC		40,487	\$	68,828.29	04/05/2017
650	AWC		148,631	\$	261,069.82	02/05/2017
2152	AWC	-	882,190	\$	2,053,839.78	20/10/2017

2152	AWC		267,471	\$	617,436.10	19/10/2017
2152	AWC	-	91,270	\$	209,406.88	18/10/2017
2152	AWC	-	338,959	\$	776,714.87	18/10/2017
2152	AWC	-	84,699	\$	193,761.90	18/10/2017
2152	AWC	-	90,279	\$	206,179.95	18/10/2017
2152	AWC		201,621	\$	454,577.22	17/10/2017
17	AWC	-	458,433	\$	1,067,284.76	20/10/2017
17	AWC		139,032	\$	320,944.61	19/10/2017
2152	AWC	-	504,080	\$	1,119,278.76	11/10/2017
2152	AWC	-	336,054	\$	748,248.22	11/10/2017
17	AWC	-	47,378	\$	108,702.53	18/10/2017
17	AWC	-	175,950	\$	403,184.40	18/10/2017
2152	AWC	-	520,905	\$	1,169,633.58	06/10/2017
2152	AWC	-	277,335	\$	620,275.25	05/10/2017
17	AWC	-	44,025	\$	100,713.91	18/10/2017
2130	AWC	-	300,000	\$	698,434.50	20/10/2017
17	AWC	-	46,863	\$	107,026.13	18/10/2017
2130	AWC	-	750,000	\$	1,680,187.74	16/10/2017
17	AWC		105,960	\$	238,898.74	17/10/2017
2130	AWC	-	500,000	\$	1,100,255.75	12/10/2017
44	AWC	-	1,546,384	\$	3,600,159.80	20/10/2017
941	AWC	-	450,000	\$	1,047,651.75	20/10/2017
941	AWC	-	41,030	\$	97,296.43	19/10/2017
941	AWC	-	152,000	\$	348,303.66	18/10/2017
2152	AWC		106,278	\$	232,011.90	14/09/2017
941	AWC	-	40,929	\$	93,906.14	18/10/2017
941	AWC	-	38,000	\$	86,930.81	18/10/2017
941	AWC	-	40,484	\$	92,457.70	18/10/2017
2152	AWC		81,837	\$	177,441.31	08/09/2017
941	AWC	-	240,000	\$	532,905.30	11/10/2017
941	AWC	-	160,000	\$	356,251.42	11/10/2017
2130	AWC		65,000	\$	123,631.29	03/08/2017
17	AWC	-	261,590	\$	580,844.57	11/10/2017
17	AWC	-	174,394	\$	388,300.69	11/10/2017
786	AWC		19,609	\$	34,370.41	11/05/2017
786	AWC		22,019	\$	38,830.62	11/05/2017
786	AWC		44,737	\$	78,401.01	11/05/2017
941	AWC	-	228,000	\$	511,948.35	06/10/2017
2130	AWC		1,000,000	\$	1,886,896.65	02/08/2017
2130	AWC		500,000	\$	953,764.16	01/08/2017
2130	AWC		500,000	\$	950,258.78	31/07/2017
392	AWC	-	1,665,092	\$	3,876,088.91	20/10/2017
392	AWC		505,048	\$	1,166,038.74	19/10/2017
941	AWC	-	136,800	\$	305,960.86	05/10/2017
2130	AWC		500,000	\$	952,412.09	24/07/2017
392	AWC	-	639,732	\$	1,465,762.43	18/10/2017
392	AWC	-	172,259	\$	395,180.83	18/10/2017
392	AWC	-	159,860	\$	365,676.71	18/10/2017
392	AWC	-	170,388	\$	389,075.08	18/10/2017
392	AWC		382,512	\$	862,545.43	17/10/2017
786	AWC		38,630	\$	65,392.42	08/05/2017
2130	AWC		400,000	\$	767,538.28	21/07/2017
2152	AWC	-	547,243	\$	1,150,175.40	31/08/2017

786	AWC		114,383	\$	193,806.18	04/05/2017
786	AWC		87,409	\$	148,612.85	04/05/2017
2152	AWC	-	62,205	\$	130,429.65	29/08/2017
392	AWC	-	633,690	\$	1,410,797.04	11/10/2017
392	AWC	-	950,536	\$	2,110,289.72	11/10/2017
2152	AWC	-	148,940	\$	321,065.75	25/08/2017
392	AWC	-	985,665	\$	2,212,867.21	06/10/2017
392	AWC	-	513,531	\$	1,148,411.43	05/10/2017
2130	AWC		22,875	\$	42,945.12	23/06/2017
44	AWC		744,504	\$	1,625,514.11	14/09/2017
941	AWC		49,207	\$	106,692.01	08/09/2017
17	AWC	-	270,932	\$	608,347.33	06/10/2017
212	AWC		20,000	\$	38,459.04	30/06/2017
941	AWC		1,184,079	\$	2,534,970.84	05/09/2017
2097	AWC		44,400	\$	85,379.07	30/06/2017
392	AWC		200,525	\$	437,824.87	14/09/2017
941	AWC		1,000,000	\$	2,161,021.03	01/09/2017
17	AWC	-	139,399	\$	311,773.67	05/10/2017
941	AWC	-	22,461	\$	47,095.58	29/08/2017
230	AWC	-	764,513	\$	1,779,673.65	20/10/2017
230	AWC		231,706	\$	534,955.43	19/10/2017
392	AWC		153,023	\$	331,826.10	08/09/2017
941	AWC	-	280,111	\$	603,827.38	25/08/2017
2131	AWC	-	518,280	\$	1,206,615.45	20/10/2017
2131	AWC		138,556	\$	319,845.80	19/10/2017
2131	AWC	-	191,642	\$	439,142.17	18/10/2017
T2	AWC	-	9,283	\$	17,915.26	03/07/2017