

At each site, Frogwatchers recorded details about:

- Site Location;
- Habitat;
- Vegetation;
- Weather Conditions; and
- Frogs Species Observed.

These details were recorded onto Field Data Sheets. Participants took tape recordings of the sounds present during the early evening at their site. Even if there were no frogs calling, the data were collected and submitted. This information was then sent to the Frogwatch Coordinator for confirmation.

All audio tapes were checked for accuracy of identification by the Frogwatch Coordinator and a research student from the University of Canberra. A number of the tapes were also checked by Peter Ormay of Environment ACT Wildlife research and Monitoring to confirm unusual species or calls that were difficult to distinguish.

3. QUALITY ASSURANCE / QUALITY CONTROL

The data collected for the 2004 ACT Region National Water Week Community Frogwatch Census has undergone a strict process that ensures the quality of the data is known. The quality control procedures employed include:

- Monitoring of calls at all sites was undertaken during National Water Week, 17 - 23 October 2004, during the first 2 hours after dark. Observations taken outside of these specified minimum monitoring times are highlighted in *italics* in the results section of this report.
- Audio recordings were taken at all monitoring sites. These recordings were then used to confirm identification of species and the number of frogs calling. This data was assessed by the Frogwatch Coordinator and a research student from the University of Canberra. Unusual or difficult results were investigated by the Environment ACT Wildlife Research and Monitoring Unit. Any data that has not been confirmed is not included in this report.



4. FROGWATCH MONITORING SITES

Figure 1. Location of Frogwatch Monitoring Sites, Frogwatch Census October 2004

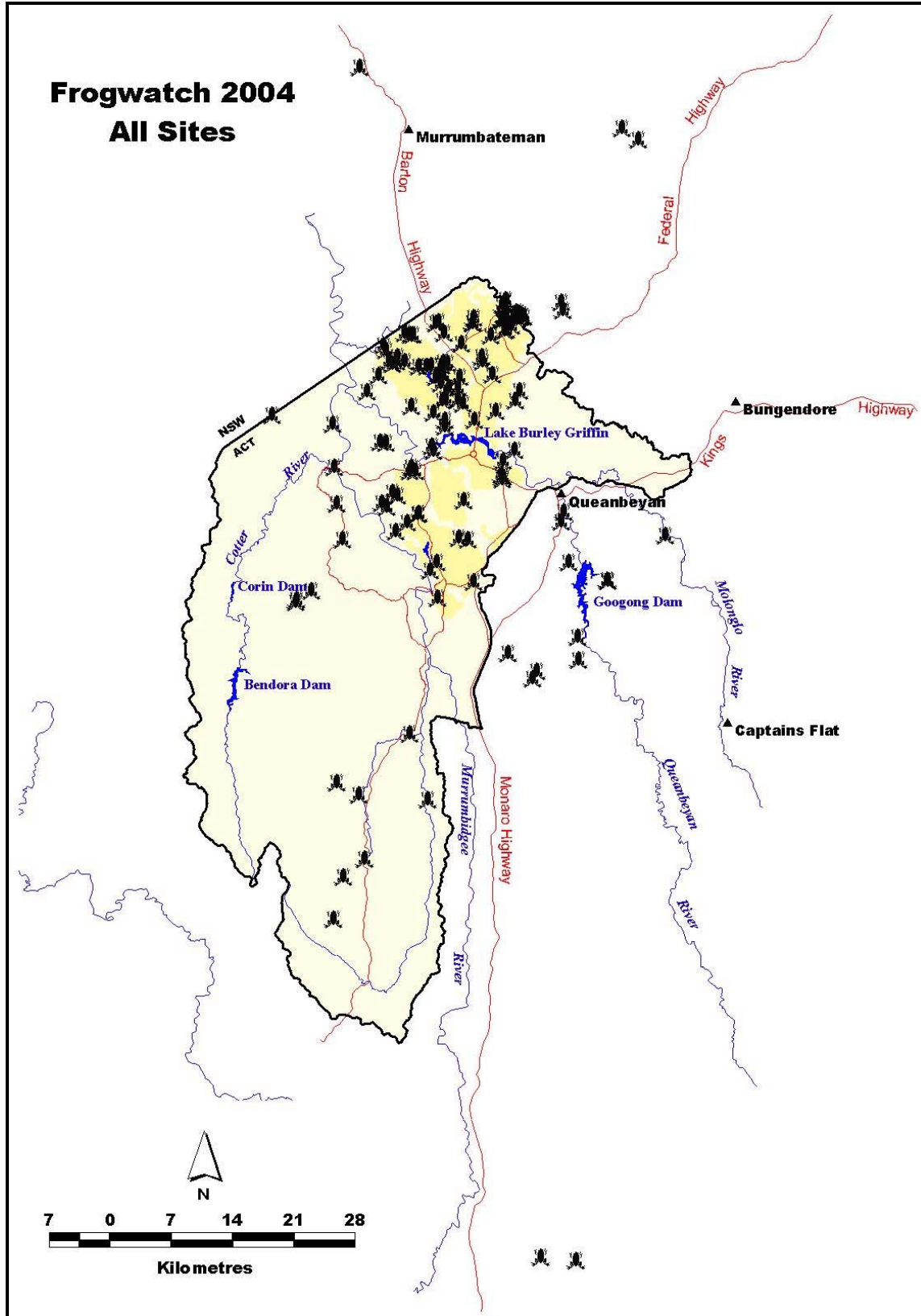


Table 1. Frogwatch Monitoring Site Location Details

Note: * Indicates a site that was monitored during the 2002 Frogwatch Census

φ Indicates a site that was monitored during the 2003 Frogwatch Census

Site Code	Site Name	Easting	Northing	Observers	Number of Sampling Occasions
AMA100	Upper Ginninderra Creek, Amaroo	693000	6106250	N. White, M. Anderson	1
BAR200	Barracks Flat Neighborhood Park, Queanbeyan	703040	6082790	A. Chuda, L. Lyons, M. Lyons	1
BON100	Stranger Pond, Bonython	688075	6077125	V. Kurz	1
BRA100	Bradleys Creek, Upstream	708300	6075925	N. Carroll, J. Hastie, R. Smith	1
BRA200	Bradleys Creek, Downstream	708200	6076025	N. Carroll, J. Hastie, R. Smith	1
CEQ100	Canberra Equestrian Park, Pond 1, Chapman	682500	6084900	C. Welsh, N. Webb, M. Welsh, A. Welsh	1
CEQ200	Canberra Equestrian Park, Pond 2, Chapman	683100	6084480	C. Welsh, N. Webb, M. Welsh, A. Welsh	1
CFR100 φ	Molonglo River on Reynolds property, near Balcombe Hill	714900	6081200	G., D., Z. & E. Reynolds & Bertie	3
CGH050 φ	Hospital Creek, Namadgi National Park	677000	6037000	J. Goodrum	1
CHC100 φ	Calvary Hospital Drain, Bruce	689800	6097000	M. McLean, T. Keen	1
CHC200	Calvary Hospital Drain, Bruce	689400	6096700	M. McLean, T. Keen	1
CMC100 φ	Cooleman Ridge, Old Dam	684250	6085750	A. Llorens	2
CMC600 φ	Mount Neighbor Horse Paddock Dam	685375	6082700	L. Royston, L. Fisk / W. Lichacz, E. Ormes-Lichacz	2
CMC700 φ	Vikings BMX Park, Kambah	686650	6083600	L. Royston, L. Fisk / W. Lichacz, E. Ormes-Lichacz	2
CMC750	Fisher Dam, Fisher	686750	6083750	W. Lichacz, E. Ormes-Lichacz, C. Viltling	1
CMM200 φ	Stormwater Settling Pond, Gordon	688911	6073974	M. Millard and S. Croke	2
CMW500 φ	Weston Creek Gross Pollutant Trap	686310	6088600	A. Llorens	2
COK100	Backyard Pond, Wybalena Grove, Cook	688375	6095335	D. Roe	1
COO100 φ	Cooleman Ridge, North-west Dam	683700	6086100	A. Llorens	2
COT100	Cotter Camp Ground	677115	6089075	V. Tanner	1
CRA300	Wells Station and Gungahlin Drive Intersection, Crace	693960	6101760	K. Magarey, R. Wejlarz, R. Ragless, E. Ragless, T. Magarey, P. Fraser	2
CTP450	Murrays Corner	677355	6084871	M. Blume and F. Horan / F. Spier, A. Calliess, R. Knight, D. Hasse, L. Stephensen, G. Stephenson, J. Goodrum, N. Philpot, K. Gould	2
CTP500	Flints Crossing	678026	6080699	M. Blume and F. Horan	1
CTT300 φ	Upper Tuggeranong Creek, Theodore	693000	6075820	J. Goodrum, L. Brandy, B. Brown and R. Knight	2
DGP001 φ	Dunlop Grasslands Dam	685136	604529	L. Churchill, M. Stevensen	1
DUC100	Duck Dam	703800	6078100	N. Carroll, J. Hastie, R. Smith	1
FAD100 φ	Fadden Hills Silt Pond	692320	6080750	A. Llorens	2
FAD200 φ	Garden Pond, Decker Place, Fadden	691825	6085250	A. Llorens	1
FAD300 φ	Waniassa Hills Dam	691300	6080950	A. Llorens	1
FBM100 φ	Black Mountain Dam	689750	6093750	T. Keen	1
FER100	Fernhill Technology Park pond, Bruce	690180	6098240	J. & R. Kiely	1
FGC009 * φ	Dunlop Pond 1	683000	6102500	P. Fawke	1



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Site Code	Site Name	Easting	Northing	Observers	Number of Sampling Occasions
FGC010 * φ	Lake Ginninderra and College Creek Junction, Lawson	689390	6099730	J. & R. Kiely	1
FGC020 * φ	College Creek, Lawson	689500	6099730	J. & R. Kiely	1
FGC030 * φ	Gooromon Ponds Creek, Dunlop	682700	6103050	F. & P. Fawke	1
FGC040 φ	Diddums Close beach, Lake Ginninderra	688690	6099390	J. & R. Kiely	1
FGC050 φ	Pantowara Rd Creek, University of Canberra	689290	6098710	J. & R. Kiely	1
FGC090 φ	Ginninderra Creek, Macgregor	683320	6101320	D. Lassam	1
FGD030 φ	Australian Institute of Sport, Drain near bike path	691250	6096800	D. Wong	1
FGD050 φ	Stormwater channel, back of Lyneham Ridge, Kaleen	691250	6098250	G. Glyde, D. Glyde, J. Batt, R. Will / R. Kharis, C. Lemerle	2
FGG010 * φ	Giralang Pond, Giralang	689990	6100990	M., S. & J. O'Halloran	3
FGW100 φ	Boardwalk Bog, Umbagog District Park, Latham	685156	6101166	R. Smith	1
FGW200 φ	Herron Creek, Latham	684218	6101207	R. Smith	1
FLE100	Flemington Road Dam, Gungahlin	694937	6104203	J. Gray, K. Muir	1
FLO100	Backyard Pond, Florey Drive, Macgregor	684300	6101750	M. Moore	1
FMC060 φ	Levee bank, Fisher St Ainslie	695500	6095500	C. & L. Dow	1
FMC100 φ	Levee bank, Fisher St Ainslie	695500	6095500	C. & L. Dow	1
FMC200 φ	Majura Dam 1	697750	6096750	P. & S. Darby, Nat, Ali and James	3
FMC210 φ	Mt Majura Dam, top dam	697600	6097300	J. Savigny, C. Baddeley, L. Bell, L. Steel	2
FMC220 φ	Mt Majura Dam, lower, via Jukes St	698200	6097860	J. Savigny, D. & J. Drohan, Tali, Scott and Sam	1
FMW010 * φ	David St Wetland, O'Connor	693100	6094450	G. & B. Hall & L. Hurley	1
FMW020 * φ	Dryandra St Wetland, O'Connor	691820	6096305	G. & B. Hall & L. Hurley	1
FRA200	Edlington St Pond, Fraser	686050	6104268	M. Stevenson, L. Churchill	2
FSC100 φ	Sullivans Creek at Flemington Rd, Mitchell	695123	6099697	P. Liston, W. Henderson	1
FTB010 * φ	Bogong Creek, Namadgi National Park	678100	6041900	J. Goodrum	1
FTD010 * φ	Rippers Pond, Tidbinbilla Nature Reserve	672800	6073800	F. Spier, A. Calliess, R. Knight, D. Hasse, L. Stephenson, G. Stephenson, J. Goodrum, N. Philpot, K. Gould	2
FTD120 φ	Boardwalk Pond, Tidbinbilla Nature Reserve	672700	6073500	F. Spier, A. Calliess, R. Knight, D. Hasse, L. Stephenson, G. Stephenson, J. Goodrum, N. Philpot, K. Gould	1
FTD160 φ	Barbecue Swamp, Tidbinbilla Nature Reserve	674500	6074800	F. Spier, A. Calliess, R. Knight, D. Hasse, L. Stephenson, G. Stephenson, J. Goodrum, N. Philpot, K. Gould	1
FTP100 φ	Isabella Pond	688750	6078067	J. Douglas, D. Giddings, R. Chow	2
FTR010 * φ	Orroral River Campsite, Namadgi National Park	679850	6051325	J. Goodrum	1
FYS100	Jerrabomberra Creek, CIT carpark, Fyshwick	696150	6088200	R., T. & H. McLeish	1
GBY100 φ	Backyard Pond, Fleetwood Smith St, Nicholls	689600	6104450	G. Medlin	5
GCC100 φ	Thompsons Corner, Condor Creek	670000	6095000	V. Tanner	1
GFW002 φ	Gungahlin Pond, Nicholls	691605	6103310	C. Williams	1



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Site Code	Site Name	Easting	Northing	Observers	Number of Sampling Occasions
GFW006 *φ	Ginninderra Creek, Footbridge near Spain Place, Evatt	687630	6100610	J. Carter	1
GIN002	Footbridge at Mirrabei Drive, Amaroo	692900	6105600	K. & L. Bishop	1
GIN009 φ	Ginninderra Creek, downstream of Lake Ginninderra dam wall	688129	6100714	S. & L. Rae	1
GOG001 φ	Tin Hut Dam	704870	6069450	N. Carroll, R. Cernaz	1
GOG002 φ	Willow Crossing	704950	6066900	N. Carroll, R. Cernaz	1
GOG003 φ	Plummers Dam	700150	6065520	N. Carroll & I. Anderson	2
GOG004 φ	Leaky Dam	699700	6064750	N. Carroll & I. Anderson	2
GUN400	Gundaroo Native Forest, Large Dam	711762	6126760	J. Gray	2
GUN500	Gundaroo River - Creek 1	711777	6126784	J. Gray	2
GUN600	Gundaroo Native Forest, Small Dam	709931	6128091	J. Gray	2
HAL001 φ	Halls Creek Showground Bridge, Hall	688920	6105800	G. & P. Medlin	1
HAL002	Halls Creek, Pony Club, Hall	688700	6105650	G. & P. Medlin	1
HAL005	Halls Creek, Fraser	685760	6104260	M. Stevenson, L. Churchill	1
HOL100	Holder drainage channel, between Cotter Rd and Dixon Drive, Holder	685700	6088600	W. & L. Barlow	2
JBT001 φ	Melba BMX track - stormwater tributary	686750	6100670	J. Cummings	3
JDOD01 φ	Came Creek, Aranda	689750	6094500	J. & D. O'Dea	1
JER100 φ	Jerrabomberra Creek at Barrett's	696916	6067645	L. Barrett, S. Taylor	1
JER300 φ	Jerrabomberra Dairy Creek - Mill Creek	696226	6087617	J. Lazzari, F. O'Laughlin	2
JER310	Jerrabomberra Dairy Creek - Mill Creek	696229	6087637	J. Lazzari, F. O'Laughlin	2
JER320	Jerrabomberra Dairy Creek - Mill Creek	696402	6087935	J. Lazzari, F. O'Laughlin	2
JER500 φ	Jerrabomberra Wetlands. First bird hide from Dairy Rd Carpark	696400	6089755	A. Barlow, M. Glynn	1
KAL100	Backyard Pond, Diamantina Cr, Kaleen	691390	6099415	R. Howe	1
KIP001 * φ	Kippax Creek, Holt	683710	6100930	L. Gentle / D. Lassam	5
LDM100 φ	Lookout Dam, Holt	680850	6097750	A. Leavesley, M. Williams / C. Johnston, K. Murray, Z. Murray-Johnston	6
MCQ100	McQuoids Creek	684060	6081640	A. Pertsinidis	1
MCW001	McKellar wetland, constructed 2000	689350	6100750	J. Thome, K. Holland, H. Taite	1
MCW002 φ	McKellar wetland, constructed 2004	689500	6101125	J. Thome, K. Holland, H. Taite	1
MFL001 φ	Mulligans Flat Site 1	696180	6106030	D. Saunders, A. Leavesley, J. Nardini, E. Nardini / P. Liston, W. Henderson	7
MFL002 φ	Mulligans Flat Site 2	696250	6105995	A. Leavesley, D. Saunders, J. Nardini, E. Nardini	6
MFL003 φ	Mulligans Flat Site 3	696420	6106080	A. Leavesley, D. Saunders, J. Nardini, E. Nardini	6
MFL004 φ	Mulligans Flat Site 4	696285	6106120	A. Leavesley, D. Saunders, J. Nardini, E. Nardini	6
MFL005 φ	Mulligans Flat Site 5	696460	6106380	A. Leavesley, D. Saunders, J. Nardini, E. Nardini	6

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Site Code	Site Name	Easting	Northing	Observers	Number of Sampling Occasions
MFL006 φ	Mulligans Flat Site 6	696500	6106420	A. Leavesley, J. Nardini, E. Nardini	6
MFL007 φ	Mulligans Flat Site 7	696700	6106250	A. Leavesley, D. Saunders, J. Nardini, E. Nardini	6
MFL008 φ	Mulligans Flat Site 8	696285	6107720	D. Saunders, A. Leavesley	5
MFL009 φ	Mulligans Flat Site 9	696260	6107780	D. Saunders, A. Leavesley	5
MFL010	Mulligans Flat Site 10	696600	6108300	D. Saunders, A. Leavesley	5
MFL011	Mulligans Flat Site 11	696520	6104785	N. Munro, D. Saunders	2
MFL012	Mulligans Flat Site 12	696710	6104865	N. Munro, D. Saunders	2
MFL013	Mulligans Flat Site 13	697135	6105175	N. Munro, D. Saunders	2
MFL014	Mulligans Flat Site 14	698615	6106125	N. Munro	2
MFL015	Mulligans Flat Site 15	698615	6106125	J. Mackey, N. Munro	2
MFL016	Mulligans Flat Site 16	698310	6106130	N. Munro, D. Saunders, J. Mackey	3
MFL017	Mulligans Flat Site 17	697975	6106540	N. Munro	2
MFL018	Mulligans Flat Site 18	697750	6106715	N. Munro	2
MFL019	Mulligans Flat Site 19	697570	6106465	J. Mackey, N. Munro	2
MFL020	Mulligans Flat Site 20	697965	6106090	N. Munro, D. Saunders	3
MFL021	Mulligans Flat Site 21	698130	6106255	N. Munro, D. Saunders	2
MIR100	Drain into Ginninderra Creek, just off Mirrabai Drive, Amaroo	692900	6105700	K. & L. Bishop	1
MIT100	Gungahlin Cemetery, Mitchell	694000	6101250	J. Gray	1
MOL100	Molonglo River, ACT Water Ski Area	697680	6091000	P. Doyle	1
MOL200	Molonglo River, below Scrivener Dam wall	688250	6091500	R. & C. Cannon	2
MYA050 φ	Yarralumla Creek	688380	6090880	S. Nicholas, L. Paine	6
NAA100	Naas River causeway, Caloola Farm	687725	6050750	J. Goodrum	1
NUM100	Numeralla River East	704703	5997676	J. Gray, K. Muir	1
NUM200	Numeralla River West	700672	5998065	J. Gray, K. Muir	1
ORR100	Orroral Valley: Rock waterfall Stream, Namadgi National Park	676900	6094000	J. Goodrum	1
ORR200	Orroral Valley, Nursery Swamp Trail. Carpark Creek, Namadgi National Park	677375	6052700	J. Goodrum	1
PIN100	Pinnacle Dam, Hawker	685876	6096106	S. & L. Rae	3
PLM100 φ	Laver Farm Dam 1	680000 (AMG)	6135127 (AMG)	P., A. & L. Laver	1
PLM200 φ	Laver Farm Dam 2	680000 (AMG)	6135100 (AMG)	P., A. & L. Laver	1
QBN200	Queanbeyan River, adjacent to Dane St	703250	6083875	A. Chuda, L. & M. Lyons	1
SFF100 φ	Stromlo Forest Retention Dam	685850	6089090	T., L. & N. Brady	2
SUT100	Dam 1, "Macrorrhyncha", Moseley Property, Sutton	703000	6108080	J. & G. Moseley	1
SUT101	Dam 2, "Macrorrhyncha", Moseley Property, Sutton	703170	6107060	J. & G. Moseley	1
TGN200 φ	Gudgenby River below Naas Crossing	685700	6058400	J. Goodrum	1
TRC100 φ	Rendezvous Creek, Namadgi National Park	680525	6043925	J. Goodrum	1
URI001	Uriarra Road permanent frog monitoring site (35)	682953	6091878	K. Kleeman	2
URI002	Uriarra Road. Pine Plantation Dam, Left hand side of road.	682336	6091911	K. Kleeman	2
WGC001	Woodhaven Golf Course	682120	6099590	A. Leavesley, M. Williams, J. Leonard, N. Crane, C. Crane-Brown	3



5. RESULTS

Crinia parinsignifera

Plains Froglet



Photo: www.frogs.org.au

Census Year	2002	2003	2004
Number of sites where detected:	11	57	84
Percentage of total sites surveyed where detected:	38 %	48 %	62 %
Median number of individuals observed:	1 to 5	5 to 20	5 to 20

Site Code	Maximum number detected	Site Code	Maximum number detected
AMA100	5 to 20	JER300	5 to 20
BON100	1 to 5	JER310	5 to 20
BRA100	1 to 5	JER500	5 to 20
BRA200	1 to 5	KIP001	1 to 5
CEQ100	5 to 20	LDM100	5 to 20
CEQ200	1 to 5	MCQ100	1 to 5
CFR100	5 to 20	MCW001	20 to 50
CGH050	1 to 5	MCW002	5 to 20
CMC100	1 to 5	MFL001	20 to 50
CMC600	5 to 20	MFL002	20 to 50
CMC700	50 to 100	MFL003	20 to 50
CMC750	1 to 5	MFL004	5 to 20
COO100	5 to 20	MFL005	20 to 50
CRA300	5 to 20	MFL006	20 to 50
DGP001	20 to 50	MFL007	20 to 50
DUC100	5 to 20	MFL008	20 to 50
FBM100	5 to 20	MFL009	20 to 50
FGC009	5 to 20	MFL010	20 to 50
FGC020	1 to 5	MFL011	50 to 100
FGC030	1 to 5	MFL012	20 to 50
FGC040	1 to 5	MFL013	20 to 50
FGD050	1 to 5	MFL014	20 to 50
FGG010	5 to 20	MFL015	20 to 50
FGW100	1 to 5	MFL016	5 to 20
FLE100	1 to 5	MFL017	20 to 50
FMC200	5 to 20	MFL018	5 to 20
FMC220	1 to 5	MFL020	5 to 20
FMW010	5 to 20	MFL021	5 to 20
FMW020	1 to 5	MIR100	1 to 5
FTB010	5 to 20	MIT100	5 to 20
FTP100	1 to 5	MOL200	1 to 5
GFW002	5 to 20	MYA050	1 to 5
GOG001	1 to 5	NUM100	1 to 5
GOG002	1 to 5	PIN100	1 to 5
GOG003	5 to 20	PLM100	5 to 20
GOG003	5 to 20	PLM200	5 to 20
GOG004	5 to 20	SFF100	1 to 5
GUN400	5 to 20	SUT100	1 to 5
GUN500	1 to 5	SUT101	1 to 5
GUN600	1 to 5	URI001	20 to 50
HAL005	1 to 5	URI002	20 to 50
JER100	1 to 5	WGC001	20 to 50

