

FACILITATION

FMD, University of Waikato

Issue No: 98 - November/December 2011

Well, once more Christmas comes around, seemingly faster than ever before.

It's been a huge year for Facilities Management and in particular that relates to the completion of the Student Centre almost on time and on budget. This project which really has been four or five years on the go, and includes all of the Shops redevelopment and a myriad of minor enabling jobs, such as the new 11,000 volt switchroom, extension of the services tunnel, etc has been a major commitment for the University and for Facilities Management. It has also been a major achievement for us, and I want to thank the *many* people who were involved in getting this project to this point.

There are obvious names at the head of that list such as Tony, but *many*, indeed most Facilities Management staff also played a part in getting that project to its completion. It's easy to single out individual people and can be seen as a bit trite to more generally thank the wider group but it is certainly true in this case that the successful completion of that project involved a huge number of people within Facilities Management and indeed the wider University.

Those people should all feel very proud of the outcome as we have created a transformational change in the centre of the campus which I think will serve the University exceptionally well into the future. Of course the challenge now is to make sure that its used in a way that carries on that transformation and then gives even more added benefits to the University into the future.

Of course this year also included other notable events, including the beginning of employment with the Division of Isaac, Gary D, Patsy, Delise, Robyn, Rachael (and about 10,000 worms!) and Allison; and the departure of Charlie, Leigh, Donna and James (although James is back temporarily at the moment).

On a broader and more sombre note, the year was most notable for the Christchurch earthquake, and the ongoing anguish and heartache for those affected. At this time our thoughts go out to all of the people of Christchurch.

I hope you all have a great Christmas break, full of fun and laughter, with family and friends. Thanks for your commitment and effort of the last year, and I look forward to seeing you all again in the New Year, so we can start it all again!!

John Cameron



Caught in action - Rachael Goddard checking out the lake sediment in Oranga Lake this week.

We are all hopeful the lake improvement process and programme will be confirmed soon.
Watch this space and the lakes!!!



Seasons Greetings



Long time friend goes to the scrap heap

The picture below shows the last remains of the College Halls Boiler house Chimney.



A project commenced in October 2011 to decentralise the heating boiler plant and install individual heating boilers for each block. The hot water boiler had been decentralised two years ago and savings were very good.

The removal of central heating plant not only makes everything more energy efficient by reducing reticulation losses and allowing individual operation of the buildings but also frees up valuable space that will now be made available within the old boiler house

Robin Dunmall

FMD Social Club

Coffee Table Raffle Winner

The winner of the coffee table was Grace Weight #72
2nd and 3rd prizes went to Shar Temara and Tom Reidy

Thanks to everyone who has supported the raffles and functions during the year.

Don't forget to get a ticket in either the raffle or lotto next year. The proceeds from these are what subsidise the sausage sizzles and functions.



Neil Hindman photographed by Nan Sinclair – assisting with cleaning of the University Pool.

How hot are we really getting in Hamilton?

The chart below shows the monthly heating degree days measured for Matangi which is our nearest free weather station.

A degree day is the average temperature for a day below a base figure – we use 18.5°C for this, as this is the external temperature required for us to maintain an unheated building at around 21°C internally – the other 2.5 degrees is made up from occupant load and solar gain, and is an internationally recognised method of determining calculations for heating.

So an average external temperature of 18.5°C would have zero degree days. An average temperature of 14.5c would have 4 degree days.

Year	January	February	March	April	May	June	July	August	September	October	Total
2004	23	29	33	123	167	173	255	249	189	202	1443
2003	32	23	32	102	186	208	323	254	177	185	1522
2004	15	36	113	151	179	234	311	306	231	157	1733
2005	29	9	27	134	165	262	272	286	217	160	1561
2006	32	23	68	72	192	328	296	275	192	180	1658
2007	38	20	29	136	173	266	259	251	197	178	1547
2008	4	17	24	100	251	260	293	271	213	164	1597
2009	30	19	80	126	276	343	324	236	220	204	1858
2010	35	4	61	112	208	269	321	258	169	147	1584
2011	4	5	46	164	196	251	317	337	280	183	1783

You will note on the chart the total for 2009 for the period ' Jan through to Oct' was the highest, meaning it had more degree days, which in turn means it requires more artificial heating to maintain a comfort level of 21°C within the building envelope.

The yellow shaded area is the typical University 'boilers on' time.

2011 has proved to be the second average coolest winter period since 2004.

Robin Dunmall