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DESIGN

CIVIL

PLUMBING

AIR

FIRE



BLUEWATER GROUP

BLUEWATER

BULLETIN

Special Christmas Edition

www.thebluewatergroup.com.au



SITE NEWS

Hello and welcome to the Christmas Special Edition of the Bluewater Bulletin.

This year seems to have flown by with Christmas upon us already and as always, we have plenty of news and information to fill you in on!

Things are busy as ever at the Bluewater sites and offices as we prepare for this busy period and we appreciate all the hard work that everyone is putting in to make the festive season a success.

Merry Christmas to you all and a Happy New Year – 2019 is set to be a very exciting year!

CURRENT PROJECTS

Ashfield - Cardinal Freeman Village:

With the completion of Buildings 5 & 6 since our last update, Building 7 out at Ashfield is where all the action is. The team is making some great progress. Take a look at how the site is looking along with a couple of snaps of the boys in action:



The Bluewater Team put on a fantastic site BBQ for the boys and girls. The line-up went out the gate and up the street, the hottest ticket in town!



CURRENT PROJECTS

Taronga Wildlife Habitat and Retreat:

Never a dull day out at the Taronga Wildlife Retreat site with great views, unexpected friendly guests and plenty of work!!



Not one of the best looking days in Sydney weather wise, but a spectacular view of the harbour can always be found on this site regardless:



Here's Nathan and the boys getting behind the shovel in preparation of the Civil Pit being installed:

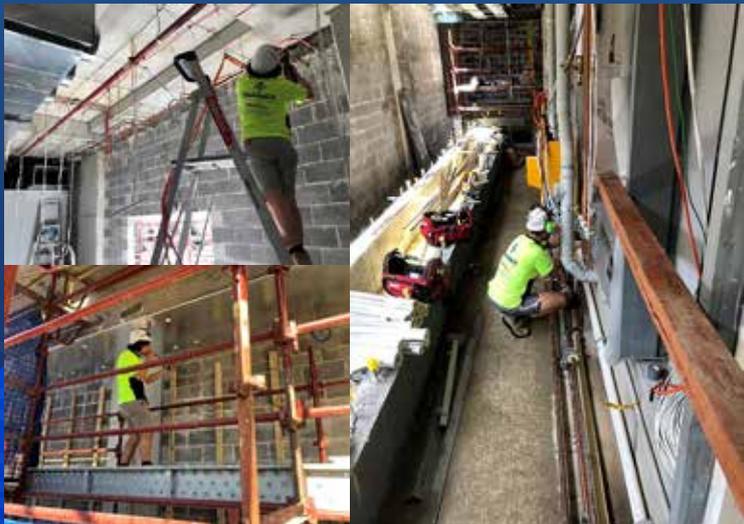


Well Done Royce Davies!! (pictured here sporting the Movember look)

Along with his old trusted sidekick Harrison on a mission to get the job done

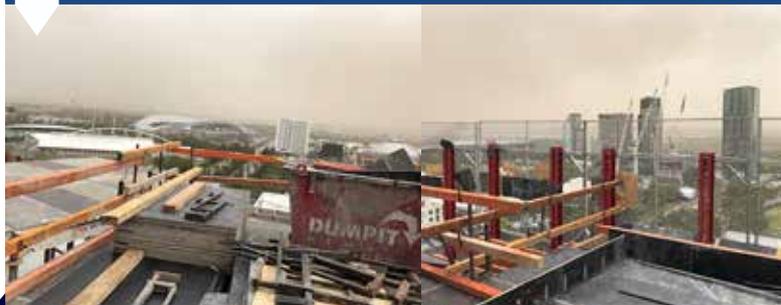
And finally another quality finish pictured here of one of the Lobby's installed at the Ashfield site.

Young guns Carlito & Josh are pictured here working on the cold water feeds:



Nathan backfilling the recycled water line:

Some of our guys were actually caught in the recent dust storm which engulfed our city. Check out some of the pictures here:



Risky business - Tom and Chayse all harnessed up, battling the dust storm out along the ledges of the building:



CURRENT PROJECTS

Esplanade, Norwest

With the sun shining over the lake, construction is charging ahead at a great rate at Esplanade with the first three levels complete and concrete pours continuing. These photos show the busy cranes and the green concrete pourer.



CURRENT PROJECTS

Sydney Olympic Park – Boomerang:

Higher and higher we go on the decks out at Boomerang. Blake Nathan & Rob captured here on the top of Deck 17. Again another great site with awesome views of the city.



With our excavators having completed most of the ground work, it was time to begin the Civil Drainage and Stormwater works.



Here's Billy and Randy getting the job done on the Civil Drainage Pit

John & Billy captured here installing the ag line covered with Geotech Fabric allowing only water and air to pass through the fabric.



Onwards and upwards! The pours are continuing with three levels now complete. Check out some of the action happening in this space:



Ground Floor Pours with the stainless steel straps tied into the slab.



Done and dusted:

Level 1 Pour Penetrations



Here's John enjoying the great views over the lake whilst working on the Level 2 Pour Penetrations



Level 3 Pours



There's no stopping our boys, even when the weather decides to take a nasty turn. Here they are indoors, still working and studying plans for the next deck.

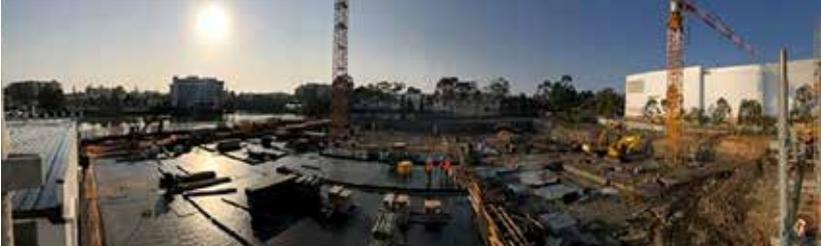


Here's a bit of a sneak peek of what the end product will look like in 3D:



And don't think Big Mal is taking any breaks either, he's back at the office planning and prepping for the days, weeks and months ahead...

Finally another couple of great panoramic shots showing the progression of the site:



Installation of Hydraulic services coming from the hydrant pumproom



Hydrant Booster Pumps ready to get installed



Hydraulic service for the new commercial kitchen



New lightwell installed over one of the main entrances

CURRENT PROJECTS

Lindfield Learning Village

Things are going gangbusters out at the Lindfield Learning Village. With some close and tight deadlines coming up, the team is going all out to get the job done in order to make this project another success. Let's take a look at how things are progressing:



Before and after shots of the Hydraulic Services works for the booster pumps



100mm Fire Hydrant Service running across the bridge and the Fire Hydrant Booster Assembly



Internal drainage



COMPLETED PROJECTS

ROYAL VISIT - Taronga - Institute of Science and Learning:

One of our recently completed projects, The Taronga Institute of Science & Learning, had a touch of Royalty added to it with the official opening by Prince Harry & Meghan Markle.



Check out the video here:

<https://www.facebook.com/7newssydney/videos/284545055730873/>

The project comprised of part internal fit out of an existing educational building and part new build at the Taronga Zoo premises. Refurbishment works also took place on the existing lecture theatre and the new build consists of a three-level educational building incorporating classrooms and lecture rooms with localised exhibits for animals, laboratories and research facilities, open offices for life science and a central atrium breakout space.

Bluewater is proud to have been a part of this fantastic project. Be sure to also check out some of the snaps taken as the project came to a close...



Pictured here is the Plant Room along with the Rainwater Pump/Bank.



COMPLETED PROJECTS

Some of our other recently completed Projects include:

Sydney South West Private Hospital Redevelopment, Liverpool



Uniting Mayflower, Westmead



Campbelltown - Rydges:



Three more great achievements to go down in Bluewater's Portfolio of successful projects.



CIVIL & EXCAVATIONS

Our Bluewater machines continue to travel across our various sites each week. Check out some of photos of our machines in action:

Out at the Taronga Wildlife Retreat:



Out at Lindfield Learning Village:



The Esplanade:



SAFETY NEWS

Plumbers be aware

Apprentices to experienced plumbers and all levels in between need to navigate a range of potential health and safety risks in the workplace.



Tradies listen up

- 85** The number of decibels in the *Safe Noise Threshold*.
- 100** The number of decibels power tools often exceed. Common culprits are pneumatic hammers, drills and saws.

From exposure to hazardous substances to the potential of working with asbestos-containing materials and the dangers of working at heights, there are numerous occupational risks that plumbers must be aware of and follow good work practices to avoid.

Almost one quarter of claims (22 per cent) relate to hand or finger injuries including wounds and lacerations. To prevent these risks, WorkSafe Victoria recommends the use of lightweight and ergonomically designed power tools, ergonomically designed shovels with long handles and avoiding manual digging wherever possible by mechanically excavating.

Appropriate clothing and footwear can also help to prevent injury. Steel capped boots, long pants, gloves and wrap-around eyewear provide protection from eye injuries from flying particles and help to prevent burns.

Other common plumbing injuries reported by WorkSafe Victoria include knee injuries (13 per cent of injury claims) from slips, trips and falls and back injuries (16 per cent of injury claims) from lifting, pushing, pulling and handling materials.

Adhering to lifting techniques and avoiding repetitive manual tasks, and ensuring colleagues do the same, can play a key role in reducing or eliminating these type of injuries.

Plumbers can be exposed to asbestos-containing materials through water and drain pipes, hot water units, tanks and boilers. The inhalation of airborne asbestos fibres can lead to long-lasting and serious health issues such as mesothelioma, a rare type of cancer that the Cancer Council of Australia reports led to 675 deaths in 2015.

However asbestos-containing materials cannot be identified by sight alone, and plumbers are advised to proceed with caution if they have any concerns about a worksite. A licensed asbestos removalist can check the area and remove any friable (meaning it can be broken up with your fingers) asbestos before proceeding with the job.

Similar cautious approaches should be taken when working with substances like lead or mould.

The use of power tools in close proximity to water systems also means plumbers are exposed to electrical hazards such as electrocution. The Department of Education's safe@work program advises workers to treat all hot water lines as if they have heat trace cables attached, and that electric tools must be regularly tested and tagged.

Biological hazards including must also be understood and managed, with exposure to sewage through working on pipes or septic tank outlets potentially contributing to the development of tetanus, hepatitis A and leptospirosis.

These illnesses can be contracted if microbes from raw sewage enter the body through the nose, mouth, via inhalation or even through open wounds.

Ways to reduce these risks include wearing appropriate personal protective equipment, washing and disinfecting any wound that may have had contact with sewage and avoiding consuming food or drinking in areas where sewage may be handled.

With so many occupational health and safety risks present to plumbers, education, responsibility and a team-based approach are required to ensure an incident-free workplace.



Personal protective equipment can reduce the risk of injury in the workplace



Gloves are essential in preventing wounds and lacerations

OUT & ABOUT

2018 BLUEWATER CHRISTMAS PARTY

We recently held our annual Bluewater Christmas Party with a surprise appearance from our guest magician – Jack Black. A great night was had by all with plenty of entertainment, fun, laughs and awards. Thanks to everyone who attended on the night to celebrate another successful year.

Here are a few snaps taken on the night:





THE WHO'S WHO

Malcolm Henry
Site Supervisor

How long have you worked for Bluewater?
Describe your job role in three words

Favourite drink?
Favourite food?
How I recharge?

- 4 and 1/2
- training, supporting , and working out stuff for hydraulic designers
- WILD TURKEY American Honey
- seafood, and what ever my wife cooks
- going away on a holiday, weekend concerts or trips to the beach

COOKING WITH MINA

Chocolate Banana Cake

Ingredients:

- 1 ½ cups self-raising flour
- ½ cup cocoa powder
- 1 tsp bicarbonate of soda
- ¾ cup packed light brown sugar
- 3 medium ripe bananas
- ½ cup oil
- ½ cup sour cream
- 2 eggs lightly beaten
- ½ cup mini chocolate chips

Method:

1. Grease 7 or 8 inches round cake tin and line base with baking paper.
2. Sift flour, cocoa powder and soda into a bowl.
3. Using electric mixer, mix the bananas and brown sugar until the bananas are mashed and the sugar is dissolved. Add oil, eggs and sour cream. Mix together. Add the dry ingredients to wet mixture.
4. Pour batter into prepared tin.
5. Sprinkle the top with chocolate chips.
6. Bake at 150C for 50-60 minutes. The cake is done when



CHRISTMAS 2018 OFFICE SHUTDOWN



This year our offices will be shutting down as of close of business Friday 21 December 2018 and re-opening for business on Monday 7 January 2019.

We hope you all have a wonderful festive season, and wish you every success and happiness in the New Year.



FEEDBACK

We want to hear from YOU!

Tell us what you would like to see in the Bluewater Bulletin in the future. What parts of it do you love and what parts are not as interesting to you? We want to hear it all so we ensure we curate the content that you like to see.

