

Geelong householders, along with Anglesea and Point Henry Alcoa employees, who want to save more water in their home, can participate in the WaterSecure Home pilot project, developed by Barwon Water and proudly supported by Alcoa.

The program, initially targeted 2,500 households in 2008, is intended to be offered to all Barwon Water customers from 2009 and includes professional advice from a licensed plumber who visits homes to undertake a water audit, install water-saving devices and fix minor leaks.

The total audit is valued at \$180, but after Barwon Water and state government subsidies, customers are charged \$30. Through the Alcoa Water Conservation Fund and as part of our community commitment, Alcoa has agreed to pay the \$30 customer contribution for up to 1300 community members who are Pension, Concession and Dept. of Veteran Affairs cardholders, as well as 200 Alcoa employees.



Maryann's house is Watersecured!

Anglesea's Chemist, Maryann Thorp, had her WaterSecure audit in November. "After contacting Barwon Water to arrange my WaterSecure appointment, a plumber completed an audit of my house, looking at showerheads, taps, the hot water service and washing machine."

"My audit results were quite good. The plumber swapped one showerhead to a lower flow model. An aerator was also replaced on the kitchen tap and new washers put into the outside taps. A single flush toilet had a cistern weight installed to reduce water."

"The plumber also left information on general water saving tips that I can implement around the home."

get involved...

There are many ways in which you can become involved in Alcoa Anglesea's operations, including:

- discussing a matter relating to Alcoa Anglesea's operations with our Community Relations Officer (see below);
- joining the Community Consultation Network which meets every two months to discuss matters of importance to Alcoa Anglesea and the local community, including SO₂;
- registering to receive Community Consultation Network minutes;
- registering to receive Alcoa Anglesea's monthly Environment Reports which details our overall environmental performance;
- registering to have a presentation at your next community group forum; or
- taking a tour of Alcoa Anglesea and learn more about our operations.

September–October highlights

Activity	Sept/Oct	Year to date
Number of tours	6 (91 people)	48 (471 people)
Sponsorships Awarded (number)	2	27
Sponsorships Awarded (value)	\$3000	\$34600
Business briefing presentations given to local groups and organisations	2	9



To get involved please contact:

Dave Ryan
Community Relations Officer
Alcoa Anglesea

Ph: 5263 4249 or
email: angleseaps@alcoa.com.au
www.alcoa.com.au/anglesea



alcoa anglesea news

Issue 4, Dec 2008

Alcoa's Anglesea power station is located on the 'Anglesea Heath', a 7221 hectare mining lease north of the Anglesea township. Our operations currently occupy around 7 per cent of the Anglesea Heath and the remainder is cooperatively managed for biodiversity conservation with Parks Victoria in a unique agreement between Alcoa and the Department of Sustainability and Environment.

The power station started up in 1969 and operates at world class efficiency levels for power stations of its type. The station supplies more than 40 per cent of the power required by Alcoa's Point Henry aluminium smelter near Geelong. Each year the station uses approximately 1.1 million tonnes of brown coal, which is mined using open cut mining methods.



welcome...

...to the fourth issue of Alcoa Anglesea News (AAN) for 2008. The year seems to have flown by and we only have a few busy weeks at the mine and power station before Christmas will be upon us all again.

The three peregrine falcon eggs we highlighted in issue 3 of AAN have hatched! Midnight, Rocket and Stan (named by Grade 2 students from Anglesea Primary School) quickly grew and have recently left the onsite nesting box and are out fending for themselves in the Anglesea Heath. The 'nestcam' provided some great shots on our website (see www.alcoa.com/falcons) and inspired interest from people right around the globe.

We have also continued implementing the Early Warning Modelling tool to assist us in improving the management of sulphur dioxide (SO₂) emissions. We have had some great success in 2008 with this tool and, as mentioned in issue 3, this technology is an important element in our Sulphur Dioxide Management Project.

We had a great response from our employees in Alcoa's worldwide Month of Service throughout October, which is a time when our people around the world unite to make a positive difference in their local communities.

Don't forget to regularly log on to our website – www.alcoa.com.au/anglesea - to receive all the latest updates on our business here at Anglesea.

Finally, thank you to all residents and stakeholders who have shown an interest in our business and operations in 2008. We will continue to communicate with you in the New Year. A safe and happy Christmas to all and best wishes for 2009.



Kind regards,

A handwritten signature in black ink, appearing to read 'Chris Rolland'.

Chris Rolland
Acting Power Station Manager

sulphur dioxide update

As discussed in our last issue of AAN, as part of the Sulphur Dioxide Management Project, Alcoa Anglesea has commenced the implementation of an Early Warning Modelling Tool (EWMT) – and the results to date have been promising.



At present, station operators reduce power generation or load (ie. burn less coal) when our monitoring sites report that SO₂ levels have reached a certain threshold. Since the last edition of the AAN, this threshold level has been decreased again to allow an earlier indication of any rising ground level concentrations (GLCs) of SO₂.

The EWMT software uses approaching weather data to predict if any sites are likely to show elevated GLCs. Daily early warning alerts are then sent via email to appropriate power station personnel. These alerts provide an hour by hour breakdown of the ensuing 24 hours. Additional computer screens have been installed to better display this data to the operators.

Work has continued recently on the establishment of an additional meteorological station, which is required to log wind direction and speed and will be ideally placed north of the power station. This station will provide 'upwind' information that will feed directly into the EWMT software.

The EWMT and a rigorous load management protocol have been part of an integrated and highly effective approach to SO₂ management in 2008, resulting in full compliance with environmental licences and guidelines.

For further information on the Sulphur Dioxide Management Project:

Please visit our website at www.alcoa.com.au/anglesea

or contact Community Relations Officer, David Ryan on 03 5263 4249.

month of service

During October, Alcoa Anglesea's workforce joined an estimated 47,000 people in 36 countries as part of the Alcoa Foundation's Worldwide Month of Service, which celebrates community service and volunteerism with an environmental focus.

46 Anglesea employees dedicated time in making a positive difference to the Anglesea and Surf Coast communities throughout the month. The first activity on the Anglesea program saw employees assist conservation groups in removing environmental weeds from the Great Otway National Park.



Other activities included Ride to Work Day, sustainability workshops, educating primary school students on safety in schools and ACTION events – where employees assisted the Anglesea Bowling Club and YMCA Recreation Camp in improving their facilities.

Acting Power Station Manager Chris Rolland said that Month of Service is a great time for our communities and a lot of fun for Alcoa employees.

"Our people are volunteering all year round, but this is a chance for extra effort, and for us to celebrate their great achievements, whether they're wielding a shovel, helping to protect the plant communities or riding a bike to work to help the environment."

The Alcoa Month of Service was first launched in 2006 and now sees more than 1,200 employees across Australia participate.