

on the road again  
with bigger,  
better solutions

Our vision: to excel in resource recovery and commercial performance by using innovative technology to transform waste into useable products

# New *mobile*

## Mobile Crushing Circuit



42-30 Pegsun Jaw Crusher feeding



The combined display demonstrating the benefits of Building Site Best Practice

## Building Industry Lunch. A gathering of like minds

**A sage once remarked that you can only effectively do business with people of like minds. That is why we had at a recent lunch convened at The Stamford Plaza.**

The event was sponsored by Resourceco and SITA, with considerable input from KESAB and strong support from the EPA. The guest list represented the major building companies of South Australia.

Aside from enjoying fine food and wine, attendees were taken through a PowerPoint presentation by the General Manager of KESAB, Mr John Phillips. Mr Phillips, in addition to statistics on building site audits, showed the various standards of building site practice around the Adelaide metropolitan area ranging from abysmal in the main to a few conforming with best site practice.

He explained, "we expect 8,000 home start-ups in the year 2002 and each site will produce about 7 to 8 tonnes of waste. If it is not properly contained, a portion of it will be washed or blown away.

Yet another source of pollution in our already choking environment".

Mr Greg Panigas, State Manager for SITA Environmental Solutions states "SITA have identified the need for purpose built containers to meet the needs of the building industry that will contain all waste on the site whilst allowing for easy access by way of a loading ramp".

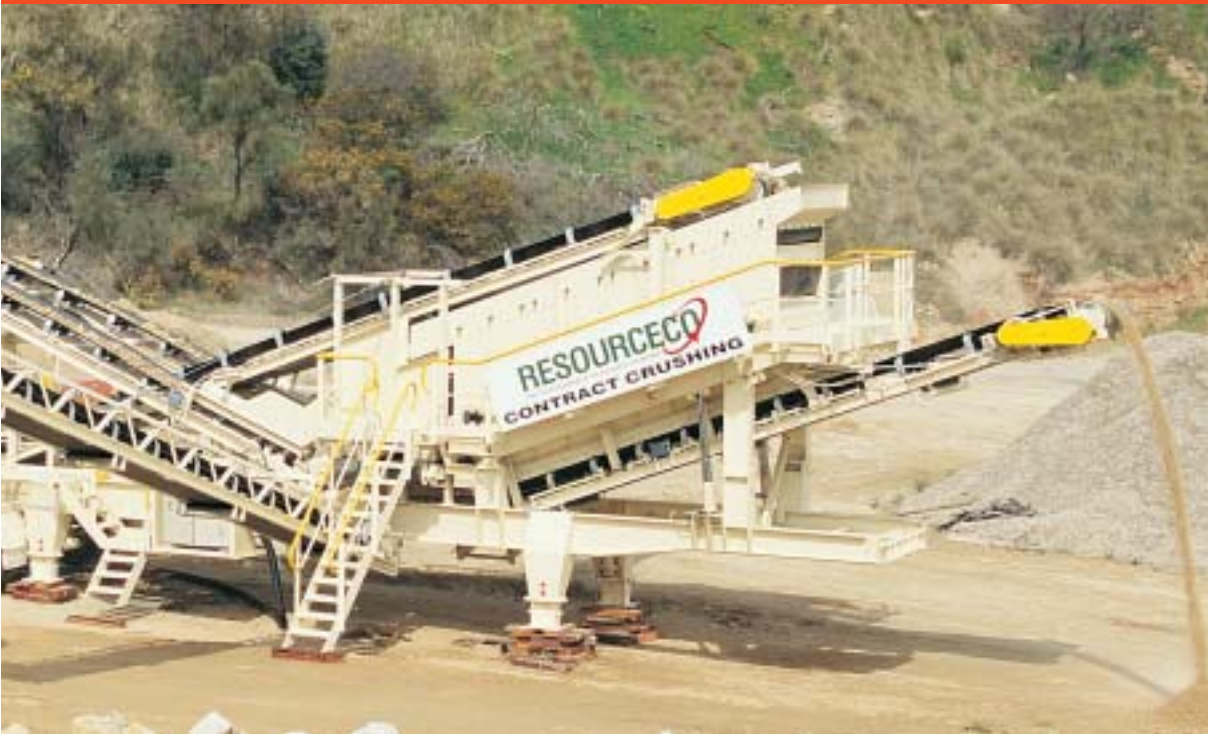
In this he was supported by Mike Haywood, the Business Development Manager of Resourceco. Resourceco believe that to allow waste to be strewn all over the site during the building process is no longer an acceptable practice.

Mr Phillips said best site practice involved containing the waste in a purpose built bin and then ensuring that the resultant waste was sent for recycling. 95% of building waste can be recycled. Sending waste to inappropriate and sometimes illegal landfills was unacceptable. "The building industry must look to self regulation or face penalties".

**we eat concrete  
for breakfast**



# secondary crusher



Feeding an Allis Chalmers 45 cone crusher feeding into a 16 x 6 Hawk screen capable of producing 250 tonnes per hour of a full range of Quarry products

**At Resourceco we have completed construction of our new mobile secondary crusher.**

It comprises a quad axle trailer mounted unit which incorporates a 45" Alis Chalmers cone crusher and a Hawk 16' x 6' triple deck vibrating screen.

The plant complements our track mounted primary jaw crusher, and is able to produce rubbles, crushed rock, sand, ballast and aggregates for concrete or drainage.

It is totally mobile and can be operating within hours of arriving on site. Commissioning of this plant was undertaken using quartz and dolomite materials at CSR's Riverview quarry. Aggregates and crushed rock were produced with production rates exceeding 200 tonnes per hour.

## Bitumate at Austainer Services

**Austainer Services gave us a brief to supply them with a quality hard stand that was cost effective, and would minimise the dust that traditional quarry products produce.**

After discussions with CSR Recycled Products and viewing their new product 'Bitumate' we decided that we would trial a small area in Austainer Services yard at Gilman. The results were such that we have now completed a substantial area of their yard.

"This is an area that has massive forklifts moving through on a daily basis and the results have been outstanding" according to Trevor Hill of Austainer Services.

"The product was very easy to use, we placed 100mm of product tapered to zero, compaction was easily attained, any one who can place pavement materials will easily achieve a very good result from using Bitumate"

*John Davison  
J Davison Nominees.*



'Bitumate' under pressure at Austainer Services



## AVJennings visit

**The introduction of waste bins on AVJennings development sites has improved site management of building waste.**

When strategically placed these bins encourage tradesmen to maintain clean building sites with minimal effort.

The removal of the bins is very quick and does not require the use of a bob-cat. This avoids the spread of dust and mud across the road.

Control of waste material has minimised the inconvenience to neighbouring properties and improves the overall appearance of the building site.

A clean site also significantly reduces the risk of injury to tradesmen and clients.

*Mike Hall,  
State Building Manager (SA)  
AVJennings*

## From the desk of Simon Brown



The Development of the trommel Business is very exciting with vast improvements in the volumes of waste products due to the improved practices in the construction and demolition industries. In particular I am very pleased with the story in this edition regarding the builders lunch that was held at the Stamford Plaza. This bodes well for the environment and the businesses involved.

Our Contract crushing division is starting to establish itself in the market place with major contracts completed in the Riverland, Port Lincoln, Port Kenny and in Melbourne. The flexibility of the plant allows the production in a mobile environment of a full range of quarry products.

Product sales through CSR recycled products have been very strong and Resourceco and CSR have worked close by to develop the brand in the marketplace. With the redevelopment of the Port Adelaide and the building of the third river crossing and Port River Expressway the future of Recycled products looks very bright.

Over the Christmas period we have made further improvements to our processing capability that will not only improve our efficiency but will also assist us to expand our product range.

*Simon Brown*  
Managing Director

## Crushing 'Out West'

**Resourceco have recently completed several successful crushing contracts on the west coast of South Australia.**

### **Port Lincoln Power Station:**

Two products were crushed as part of the demolition of the old Port Lincoln power station. A 200mm crushed concrete was used for low lying areas subject to tidal activity.

A 65mm product was also crushed for controlled backfilling of disused pits.

**Grain bunkers:** A combination of the record grain season and the crisis in Afghanistan has resulted in several crushing contracts on the west coast of South Australia. Ausbuck have called tenders for the construction of new grain bunkers to store the recently harvested grain. Extremely tight time frames have been set for these

contracts as existing storage bunkers are filling rapidly. Resourceco have been able to meet these tight time frames due to our high production rates.

**The Federal Government's Road to Recovery Program** initiated a 40,000 tonne crushing contract for the Kimba to Cowell Road and was recently completed by Resourceco.



**every truckload in  
is another recycled  
truckload out**

### **CSR Recycled Products**

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# Edinburgh Park. Icing on the cake for Resourceco

**Martin Gray of CSR, said the supply of 70,000 tonnes of recycled products in the form of sub-base, road-base and other aggregates to this project, will complete an excellent year for the company.**

Total value of the Edinburgh Park Stage II development at Salisbury is \$10 million. Work commenced in January 2001 and was completed in December. The site was developed with South Australian Government support on Commonwealth land.

Ian Tarbotton from York Civil, the Project Managers, described the project as an automotive park with a 5.0 kilometre circuit road and a central 'tugger way'. When operational, the park will supply automotive parts to the GMH assembly line as part of their 'Just in Time' strategy. The road is expected to carry up to 100,000 trucks per year.

Mr Tarbotton said, "we discussed the use of recycled materials in lieu of raw materials with both the design consultant and Transport SA who both endorsed recycled product as a quality pavement material and therefore we had no hesitation in promoting its use".

## Trends in the UK

Simon Brown stated there was increasing recognition by civil engineers, government transport departments, and others involved in road construction, that recycled material in various applications was as good as quarried material. In certain aspects it has proved superior.

Simon commented, "currently in South Australia the percentage of recycled material used in construction is less than 5%. We have a long way to go to catch up with trends in the UK and Europe. In the UK in 2000, the use of recycled aggregates reached 46 million

tonnes. It represents 18% of the entire UK aggregate market.

That tonnage is expected to reach 55 million tonnes by 2006 from a total of 72 million tonnes of construction material produced annually. In Europe the situation is even more marked with stringent environmental legislation in this sphere. In Holland for example, there is a requirement for 20% of aggregate used in ready mixed concrete to come from recycled sources."

Simon Brown also made the point that the impressive recycling figures of UK and Europe have only come about through legislation. In the UK, there is substantial tax on operators dumping construction and demolition waste to landfill. Conversely, there is a tax on virgin (quarried) aggregates. All this encourages the use of recycled aggregates and the entire community benefits.



Recycled aggregates in use at Edinburgh Park



## The new water truck

**By the very nature of our business, Resourceco are extremely sensitive on issues concerning the environment.**

Dust control is part of that attitude and in the past we have employed contractors to carry out this task. However, in the interest of

efficiency, we have now built our own 'water cart' with a capacity of 17,000 litres.

Along with that, we have set up a quick fill system which fills the tank in three to five minutes. It all makes our life and that of our suppliers a lot more comfortable.

## Staff profile

### Raymond Hodkinson

Aged 46.

**Biggest claim to fame:** The Ray Hodkinson Memorial Garbage Bin located at Woolongong NSW.

Married to Annie with son Glen.

Ray also has a deep dark secret that until now has never really been shared with the general public, "He drives a Powder blue VOLVO."



Ray has had a very chequered past and until joining Resourceco over 4 years ago was a Don in the hospitality industry being a half owner of the British Hotel in Port Adelaide.

He started with Resourceco as a mobile crushing operator and has grown with the company and into his current role as customer service weigh bridge operator.

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nothing too big,  
nothing too small

**CSR** Recycled Products