

If you don't ask....

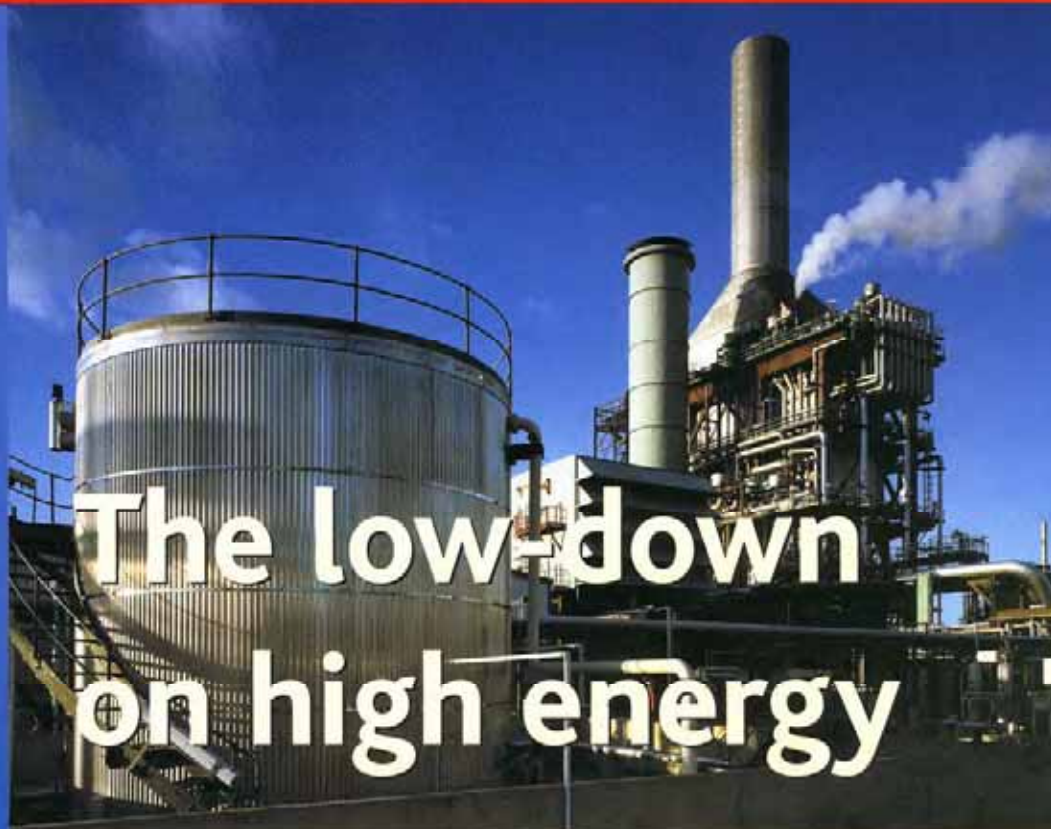
Welcome to our fourth edition of Community Matters. Within its pages you will hopefully read about some of the financial contributions we have made to local schools, voluntary organisations and charities. We are pleased to have been able to make a difference to the facilities on offer in local schools and to be able to provide much needed help to many local organisations.

Every year Fawley donates around £45,000 to good causes in this area. You may have asked yourself how these organisations were awarded this cash. The answer is quite simple - they either wrote to us, or phoned and told us what they needed. Clearly not every request is successful, but one thing is certain, if you don't ask you certainly won't get a contribution from us! So, if you think your organisation might qualify for an award why not get in touch.

Inside this issue:

The low-down on high energy	Page 1
Heat. Light. Power. Fuels.	Page 2
Big business helps small business	Page 2
Environment Watch	Page 3
Learning Through Landscapes	Page 3
Fawley Online	Page 4
Flying Fun at Country Park	Page 4
Competition	Page 4

If you want to know more about us, telephone our Community Affairs Department on 023 8089 2511



The low-down on high energy

The combined heat and power (cogeneration) plant at Fawley Refinery

At Fawley we are constantly looking for ways to reduce our own energy consumption by increasing the efficiency of our operations.

Repairing Steam Leaks

We launched a drive to minimise energy use and the Steam Reduction Team increased its focus on eliminating steam leaks. A record 4,600 leaks were repaired in the last year and a new insulation survey was completed on the boilers.

Saving Energy

Oil refineries and petrochemical plants are themselves large consumers of energy. A world-class facility like the Fawley refining and chemical complex uses enough power for a city of 250,000 people. Improving energy efficiency is critical, not only because it reduces emissions, but because it directly affects the plant's profitability.

The site now uses energy much more efficiently than it did 35 years ago. Without efficiency improvements it would consume some 60 per cent more

fuel than it does today. This is equivalent to about 3.5 million barrels of oil annually, or about 270 megawatt hours of electricity, which would be more than enough electricity to meet the needs of Southampton.

Combining Heat and Power

A £60 million cogeneration unit (pictured above) has reduced energy consumption at Fawley refinery by about 30 per cent. Cogeneration - also known as combined heat and power (CHP) - is the simultaneous production of electricity and steam using mainly clean-burning gaseous fuels. Because CHP plants use heat that would otherwise go to waste, they can be twice as efficient as traditional methods of producing steam and power separately.

Cogeneration accounts for over 40 per cent of ExxonMobil's power-generating capacity worldwide. By capturing the steam and heat that would otherwise be wasted, the saving in greenhouse gas emissions globally is equivalent to taking a million cars off the world's roads, every year.



Big business helps small business

**Heat.
Light.
Power.
Fuels.**

It's hard to imagine what modern life would be like without energy. And there would be very little usable energy without science. Science, like energy, drives economic growth in the developed and developing world. And as we seek new ways to meet the world's ever-growing demand for energy, it is science that will help us find them. As energy is dependent on science, so science is dependent on scientists.

At ExxonMobil alone, we employ more than 14,000 scientists and engineers - nearly 2,000 with Ph.D.s in a variety of disciplines. They are central to everything we do. And it's their brainpower, their ingenuity, and their breakthroughs that will define what we do in the future. It's vital that we have a reliable flow of scientists and engineers, which is why we support education programmes that open the world of science and engineering to young people. It's why we have provided science equipment grants to over 50 link schools in the UK. And it's why we have given funding to science and engineering departments at a number of universities.

It is a truism that "young people are the future." But if we fail to encourage the best and the brightest of them to see their future in science and engineering, what kind of future will it be?

exxonmobil.co.uk

Esso and ExxonMobil Chemical at Fawley have once again pledged support for small businesses in the local area through a donation of £1,200 to the South Hampshire Enterprise Agency.

The South Hampshire Enterprise Agency is an organisation that encourages and promotes commercial and enterprise activity within the region, and especially the formation and development of small businesses. It can offer expert advice and counselling and provide a helping hand from start up to success.

Tim Austin, Managing Director for SHEA said, "Support from sponsors remains vital to our ability to continue providing free counselling sessions to those seeking

our help and we are grateful to ExxonMobil for this funding."

Carol Dunford of ExxonMobil said, "Small businesses are the lifeblood of our communities and we are pleased to be able to assist them in this way. ExxonMobil's donation will be used to fund the Agency's newsletter, which is a mixture of articles covering some of their success stories, with advice and news for small businesses."

If you would like to contact The South Hampshire Enterprise Agency, please Telephone: 023 8078 8088 or visit

www.sehea.co.uk



Tim Austin presents certificates of support to Community Affairs' Carol Dunford

Environment Watch

Late in 1996, Fawley developed what has since become known as a 'minimally engineered biopile'. This was based upon the principles of landfarming of oily sludges, and their degradation in bio-reactors. Biopiling provides a low cost, environmentally friendly means of degrading oily sludges biologically, until the residual material can be re-used.

The site's Environment Group Head, says: "The procedure involves mixing oily sludge (usually from tank cleaning) with an equal mass of clean soil and an equal volume of straw to improve the texture of the mass. Controlled quantities of fertiliser are added, and the material is stored in a climate-controlled environment while degradation occurs.

"Degradation is the result of microbial action, and the rate at which it takes place is temperature-dependent. Every kilogram of soil contains vast numbers of microbes - and they all eat oil! All we have to do is encourage them by feeding them controlled quantities of garden fertiliser, controlling the temperature and moisture content of the biopile, and ensuring aerobic conditions."



The refinery's biopile in action

Biopiles at Fawley

Two biopile areas were set up at Fawley and low pressure steam from the plant was used as a ready source of heat. A number of biopiles were successfully operated on the site in the 1990s, the final residue being used as cover on an area on site which is since being re-colonised by natural vegetation. The Environment Agency was strongly supportive of our biopiling operation. After a brief break from biopiling over the last few years, the environmentally friendly process is scheduled to restart later in 2005.

The site's Environment Group Head concludes: "This represents a successful outcome for a Fawley initiative that has resulted in an environmentally friendly end-use for material that would otherwise have had to go to landfill as a special waste."

Learning Through Landscapes

Learning Through Landscapes (LTL) is a national school grounds charity, supporting the development of school grounds for curriculum use. LTL and ExxonMobil partnerships are in operation in some 50 schools around ExxonMobil operating sites in the UK, encouraging participating schools to look at the potential for learning and enjoyment within their grounds. The project aims to give a sense of ownership of the grounds to the children, allowing them to make decisions about what goes on and thereby fostering a natural sense of responsibility and pride in their surroundings.

Schools are provided with various cash grants and offered a range of educational programmes to suit their individual needs, including Science, Technology, Engineering and Mathematics programmes as well as

Environmental Education and Energy Efficiency projects.

Pupils and staff at Holbury Infant School have revamped their pond through a project with ExxonMobil at Fawley and LTL with a grant of £600. By removing a surrounding wall, the children are now able to get closer to the water to study and enjoy the pond life. This will also help the school achieve learning objectives in Science

If you are interested in finding out more about the work of Learning Through Landscapes, go to their website at

www.ltl.org.uk

Alternatively telephone LTL at their Winchester office on 01962 846258

Pond dipping at Holbury Infants



Fawley Online

Over 90 people attended the successful launch in April, of the Fawley Online Community Website, created for Fawley residents and sponsored by ExxonMobil.

The guest speaker was Radio Solent presenter, Judy Goodlet, who spoke with admiration for the web team, whom she had met, at the HantsWeb Awards when Jaki and John Brown (TLC Online) were Fawley Parish Council's award winning web team.

Another highlight of the evening was the presentation of the Fawley Online Community Award, which will become an annual event recognising unsung local heroes.

Douglas Eaglen was the recipient of the beautiful glass sculpture presented to him by County Councillor Lee Dunsdon, who said, "Mr Eaglen deserves the recognition for all his achievements in the community".

So what is www.fawleyonline.org.uk all about?

Essentially, it is a site for "Your News, Your Events, Your Voice", and it's easy to navigate with a wealth of links to information on local news, health, education, businesses, and useful telephone numbers. There is a packed Events Diary, and anyone can add forthcoming events by contacting the Webteam.

The section dedicated to "Having Your Say" intended for any aspect of living or working in Fawley has recently focussed on traffic issues in the area.



Testing the new website

Community groups are offered a free section for themselves to let residents know what's available - and is especially useful to recruit new volunteers.

"Browsealoud," makes the website special because it adds speech to assist people with Dyslexia and visual impairments. Other features include the NEW "Video on Demand" service.

Visit www.fawleyonline.org.uk

Contact the Webteam by email: webteam@fawleyonline.org.uk



Competition

In this issue of Community Matters, we are giving you the opportunity to win a family season ticket to Exbury Gardens. The Gardens have re-launched season tickets this year to mark the fiftieth anniversary of opening to the public.

Winners will enjoy unlimited visits to Exbury Gardens with access to the steam train. It also includes 10% discount in the Gift Shop and Plant Centre, 10% discount on catering facilities and also reduced admission to many of the events held at the Gardens all year round.

There are three family season tickets on offer and to be in with a chance to win, simply answer this question:

How many steam leaks were repaired in the last year on the refinery?

Please send answers on a postcard to:
Community Matters Competition
Community Affairs, Esso Refinery, Fawley SO45 1TX

The deadline for entries is Monday 5th September.

Hobbies Extravaganza at Country Park

The weekend of the 20th and 21st of August will see Netley's Royal Victoria Country Park play host to the 8th Annual Hobbies Event. The event takes place from 11am to 4pm and has always been a huge success, growing bigger and better each year.

There will be a wide variety of arts and crafts along with a vast selection of outdoor pursuits at the event. Local enthusiasts will be on hand to help visitors engage in various interests and activities that range from woodcarving and silk painting to archery, fencing and classic cars.

The centrepiece of this year's event is a full size K5054 Spitfire replica. Its appearance has been made possible by sponsorship from the ExxonMobil refinery at Fawley.

The event will aim to raise money for various charities including Solent Sky and RAFA (Royal Air Force Association). The only charges to visitors on the day will be the car parking fee along with small charges at the exhibits which cover costs and go towards the aforementioned charities.

Royal Victoria Country Park can be found by taking junction 8 off the M27 and following the brown tourist signs.

