ACTION AGAINST BULLYING AT DUNWICH STATE SCHOOL

The 2014 National Day of Action against Bullying and Violence was on Friday 21 March 2014.

More than 2,100 schools, over 960,000 students, across Australia participated by running local events. Dunwich State School contributed to helping shape how bullying is addressed amongst Australia’s future generations by making posters to share their positive messages which are featured on the national website.

Orange was the flavour of the day and the staff wore the “Taking a Stand Together” T-shirts designed by Annie Long. The students all received an orange and a wrist band to reinforce the taking a stand together message.

The Well Being Committee at Dunwich State School has a clear plan using a whole of school community approach to stamp out bullying.

In addition to participation in the National Day of Action against Bullying and Violence, a production called The Power of One came to the school. Touring nationally the production has a message of problem solving with a strategy called Thumbs Up.

The presenters defined bullying as a situation where, because of a power imbalance, systematic behaviour occurs that is hurtful, purposeful and repeated. The production highlights the role of the by-stander who might watch, cheer on, or ignore bullying. The scene is then re-created, this time the by-stander takes appropriate action including talking firmly to the bully and walking the target away from the scene to report the bullying to a teacher. The clear message is that everyone has the power to stop bullying. The students then signed an oath to commit to stamping out bullying.

On Thursday 3rd April the school was commended for its high quality programs by receiving outstanding results in the State Discipline Audit.
Welcome to issue 23 of Sand Times. Our cover story this edition is thanks to Dunwich State School. We are pleased to be able to support the school’s whole of community approach to addressing bullying by sharing the story and the clear message it contains, that everyone has the power to stop bullying.

On page 4 we share with you a play by the Queensland Theatre Company called Black Diggers. Sibelco are proud to have supported the play as a production sponsor. I met with the Director, Wesley Enoch, in Brisbane late last year to discuss the play and hear firsthand his enthusiasm. Wesley is originally from North Stradbroke Island so we felt it appropriate to share the Black Diggers story with the community in this edition of Sand Times. A play like Black Diggers gives us the opportunity to recognise the contribution and service of Indigenous Australians during the First World War; a project we are proud to be part of.

On behalf of Sibelco I hope you enjoy reading this edition of Sand Times, if you have feedback or a story idea for us please get in touch with Deb Olive or Kate Adams from the community relations team.

Campbell Jones
Managing Director and Chief Executive Officer
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THIS MAGAZINE IS PRINTED ON ENVIRONMENTAL RECYCLED PAPER
20 Years of Service to the North Stradbroke Island Community

Nareeba Moopi Moopi Pa Aged Care Hostel, Minjerribah Respite Centre and Myora Caravan Park will celebrate 20 Years of service to the North Stradbroke Island community in 2014.

The North Stradbroke Island Aboriginal and Islanders Housing Cooperative Society Ltd is a non-profit organisation with over 400 members. Formed in 1974 the Housing Co-operative provides a range of programs on NSI to benefit all members of the community.

Nareeba Moopi Moopi Pa Aged Care Hostel commenced in 1994 and grew out of community awareness of the need for quality high care services for older members of the community on the island. Community members have worked hard to support residents and staff of the 14 bed facility throughout the past twenty years.

Another crucial service provided by the North Stradbroke Island Aboriginal and Islander Housing Cooperative Society Ltd is the Minjerribah Day Respite Centre. The centre provides home care, personal care, shopping, home maintenance, transport, meals on wheels and daily activities for the elderly and disabled youth for the whole island.

The Respite Centre is also the centre for social and recreational activity for many island residents and is the link which enables many to remain independently at home.

Myora Caravan Park opened around 1994 and today provides long-term accommodation for tenants.

Support for Nareeba Moopi Moopi Pa

During the January 2014 fires the need for a reliable alternative source of electricity during power failures was highlighted for many on North Stradbroke Island, including the Nareeba Moopi Moopi Pa Aged Care Hostel.

Emergency Services provided a generator to cover the needs of the facility without which the facility may have needed to be closed and residents transferred to mainland facilities.

Soon after the fires NSI Aboriginal and Islanders Housing Cooperative Society Ltd who manages Nareeba Moopi Moopi Pa applied to the Straddie Sand Mining Community Fund to cover the cost of supply and installation of a generator to meet the needs of the facility now and into the future.

The Straddie Fund Advisory Board unanimously supported the application recognising the significance of Nareeba Moopi Moopi Pa to its residents and the broad community of North Stradbroke Island.

Congratulations to the inspirational community members and staff who have been part of these very special services over the past 20 years.
Between 2014 and 2018 Australia will commemorate the Anzac Centenary, marking 100 years since World War I. Presented by Queensland Theatre Company and Brisbane Festival, in association with QPAC and The Balnaves Foundation; Black Diggers tells the story of Indigenous Australians who enlisted to fight for the British Commonwealth in WWI.

Black Diggers is directed by award-winning playwright and director Wesley Enoch, originally from North Stradbroke Island and a proud Noonuccal Nuugi man. “Their story tells us of a time when we acted as a country, black and white together, a time when we thought beyond self-interest and the internal world of our families, clans and race and believed there was a need to fight for more.”

Due to the efforts and enthusiasm of researchers, the long-forgotten service of these Black Diggers is being celebrated. Black Diggers features an all-Indigenous cast and was written by Tom Wright. The writing draws from in-depth interviews with the families, as well as conversations with veterans, historians and academics.

When war broke out in 1914 the constitution did not recognise Aboriginal and Torres Strait Islander people as Australian citizens. Many Indigenous men who tried to enlist were rejected on the grounds of race. Despite the difficulties, it seems that at least 800 Aboriginal men managed to join. As civilians they had to tolerate constant racist slurs, but in the trenches, negative attitudes from non-Aboriginal Diggers quickly disappeared. They were all soldiers, fighting the same enemy.

Black Diggers is a Queensland Theatre Company production of which Sibelco is proud to be a production sponsor. Campbell Jones, CEO Sibelco Australia said “Sibelco is proud to be a sponsor of such a significant production as Black Diggers that recognises the contribution and sacrifice of Indigenous Australians and help foster greater community awareness of this largely untold story.”

The production originally premiered in Sydney earlier this year as part of the Sydney Festival, and is now coming to Brisbane. Sydney Festival Director Lieven Bertels is originally from an area in Belgium known throughout the Commonwealth as Flanders Fields, which was the central battlefield during WWI. The historical significance of what took place there 100 years ago is recognised in Belgium every single night of the year. The Last Post is played by local volunteer buglers under the Menin Gate in Ypres. Since the end of WWI The Last Post has sounded approximately 28,000 times, representing not even a fraction of the number of lives lost.

Black Diggers is on at the Playhouse, Queensland Performing Arts Centre 24 September – 12 October www.queenslandtheatre.com.au

“Their story tells us of a time when we thought beyond self-interest and the internal world of our families, clans and race.”
Ilmenite is processed to create titanium dioxide, a high-quality white pigment which is UV resistant, water resistant and non-toxic. More than half of all titanium dioxide pigment is used in the production of paint as it provides protection from UV radiation. Titanium dioxide’s UV resistance is also why it is used in sunscreen.

Historically, Ilmenite from North Stradbroke Island was considered almost a by-product of mineral sands mining due to its low economic value. Demand for titanium dioxide pigment is closely tied to activity in the building and construction sectors. Rapid housing development worldwide has led to a significant increase in demand for titanium dioxide pigment and therefore Ilmenite.

“The changed market conditions have afforded Ilmenite its time in the sun, and now most of the world’s titanium dioxide pigment production is sourced from Ilmenite. We have recognised Ilmenite as a valuable addition to our mineral sands product suite” added John.

Titanium dioxide is also an important ingredient in the manufacturing of cosmetics, plastics, ink, paper, toothpaste and some foods such as flour and icing sugar due to its whitening ability and its non-toxic nature.

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A spoonful of Stradbroke Honey a day; keeps the Doctor away!

Based on North Stradbroke Island the iconic cottage industry Stradbroke Honey has been owned and run by the Bowman family for over 33 years. Using organic principals Stradbroke Honey produce renowned table honey plus two specialist honey varieties.

The specialist varieties of honey, Propolis and Jelly Bush, have been recognised for their medicinal and therapeutic benefits. Some of their known benefits include anti-bacterial, anti-fungal, anti-microbial and anti-inflammatory properties. Second generation Stradbroke Honey producer Phillip Bowman, the son of original Stradbroke Honey founders Thelma and Charlie Bowman said “Science has only recently begun to recognise why honey has been utilised as a therapeutic agent by a diverse array of cultures throughout history”.

Jelly Bush honey is produced when bees collect pollen and nectar from Leptospermum trees; or Tea Trees. There are seven species of Leptospermum on North Stradbroke Island however it appears not all species result in Jelly Bush honey production. “On North Stradbroke Island Jelly Bush honey is only found in hives located on the South Western side of the Island during Leptospermum flowering between October and January,” Explained the Bowmans

The quantity of Jelly Bush honey varies greatly from year to year due to climatic conditions and the abundance and diversity of available flowers. Jelly Bush honey is thick and jelly like which requires specialist labour intensive harvesting techniques.

Bees create Propolis honey by collecting resin from certain species of tree. The plants produce resin to protect themselves from fungal and bacterial attack; these protective properties are passed on from the plant to the honey and in turn to humans who consumes the honey. “Bees coat the surface of every cell in the hive with Propolis honey before they fill a cell with other types of honey” explains Phillip Bowman. From observation the Bowmans believe the bees collect Propolis resin from the Casuarina trees (commonly known as Sheoaks) on North Stradbroke Island, although confirmation through pollen testing has not been conducted.

Stradbroke Honey works with the principles of sustainability and waste minimisation by up cycling bi-products of the honey production process into usable environmentally friendly products including bee’s wax candles, furniture polish, lip balm, skin creams, soaps and insect repellents. The business produces virtually no wastage and has very low environmental impact.

Stradbroke Honey is available to purchase at a range of stores on North Stradbroke Island and at the Point Lookout Markets. Market dates are listed on page 12.
Jelly Bush Honey

Jelly Bush honey is nature’s antibiotic, it can be applied directly to wounds, ulcers and skin infections or can be taken orally to fight off a sore throat or cold. It has been proven to kill a wide variety of bacteria including the ‘superbugs’ such as Golden Staph (Staphylococcus aureus) which have become resistant to most available antibiotics. Jelly Bush Honey attacks bacteria in a completely different way to traditional antibiotics meaning there is great potential in this field of science for further applications.

Propolis Honey

Propolis honey boosts the human immune system, assists with minimising pollen allergies, is high in antioxidants and has anti-fungal and anti-microbial properties. Additionally Propolis honey inhibits specific microorganisms from being able to attach to surfaces such as skin or the lining of the throat or stomach.

Did you know? . . .

interesting honey facts

- It has been reported that regularly eating honey containing local pollens like the Jelly Bush and Propolis honeys, can minimise or prevent seasonal allergies by building an immune response to those pollens.

- Until recent years the therapeutic benefits of Jelly Bush honey were unknown. Due to the labour intensive harvesting of Jelly Bush honey it was placed back into hives for the bees to eat after the table honey was spun out and collected. These days Jelly Bush is highly sort after and valued.

- Dark honey has higher levels of antioxidants than light honey. As honeys go Stradbroke Honey is quite dark.

- Honey is high in nutrients, minerals and calories, an average tablespoon yields 64 calories.

- After the extensive North Stradbroke Island bush fires of January 2014 several hive sites produced black coloured bees wax.

- Stradbroke Honey have not harvested any honey since the January bush fires to ensure the bees have enough stored honey to eat to survive the winter with reduced flowering plants available.

- Stradbroke Honey will next collect from the hives in August to coincide with the flowering of the Xanthorrhoea (commonly known as Grass Trees) as this produces delicious marmalade flavoured honey.
Scientists Study Straddie Wetlands

The University of Queensland is using cutting edge environmental sensing instruments to monitor the health of south-east Queensland wetland ecosystems in an effort to better understand how wetlands function and their interactions with the atmosphere.

Wetland ecosystems have great biodiversity and environmental significance and are particularly sensitive to climatic variations. The University of Queensland has identified North Stradbroke Island’s Native Companion Lagoon as one of its four SEQ research sites. The study measures temperature and the transfer of water and carbon dioxide between the wetland vegetation and the atmosphere using specialised equipment to record observations not previously gathered. The data collected will be used in weather models to help develop an understanding of the role Moreton Bay’s sand islands have on the local atmosphere.

Dr Adrien Guyot, Research Fellow from the University of Queensland leading the research at the site said “Native Companion Lagoon is an ideal site for monitoring because of its vegetation types and location”.

Access to Native Companion Lagoon has been made possible through the cooperation of Quandamooka traditional land owners, Quandamooka Yoolooburrabee Aboriginal Corporation, Queensland Parks and Wildlife Service and Sibelco Australia.

Michael Gray, University of Queensland Ph.D. candidate explains “making long-term predictions regarding the impact of climate variability is challenging. Observing the behaviours of these sensitive ecosystems and feeding the data into models will help us better understand and improve predictions of the potential impacts of climate variability and safeguard the long-term health of the wetlands through best-practice management”.

The study will continue during 2014-2015 in order to capture observations over an annual cycle. Modelling and publication of results are expected during 2015-2016.
Concern about feral animals on North Stradbroke Island, particularly foxes, is the focus of a new and unique collaboration between the Island’s land managers. Quandamooka Yoolooburrabee Aboriginal Corporation, Redland City Council, SEQ Catchments, mining company Sibelco, and State Government Agencies are working together to deliver an island wide control program that aims to see a dramatic reduction in Island fox numbers and protect the Island’s wildlife.

According to Australian Wildlife and Feral Management’s Michael Dickinson, current fox numbers on the Island are thought to exceed 1000 individuals, which can consume as many as 1 million mammals, frogs, reptiles, and birds each year.

Long time Straddie resident and turtle research volunteer, Jennie Truman, says that foxes are one of the biggest threats to the islands turtles “I have been monitoring sea turtle activity on North Stradbroke Island beaches for 18 years. Each morning during nesting season I see signs of foxes actively seeking out the eggs and hatchlings for food. The frequency of foxes raiding nests has been increasing over the past 5 years, with as many as 500 hatchlings being lost each year.”

The January 2014 wildfires have also highlighted the issue with concerns raised about the ability of North Stradbroke’s animals to recolonise landscapes post fire while under the threat of predation. “Attention to the issue was definitely heightened post the fires with residents, organisations, and community groups coming together to discuss the feral animal problem. It’s been great to see the Island land managers willing to work together to fight a common foe.” said SEQ Catchments Joel Bolzenius.

Feral animal control activities will be increased in the coming months, in conjunction with community education events being held across the Island.

The North Stradbroke Island Feral Animal Control program brings together knowledge and resources from a range of organisations, including the Quandamooka Yoolooburrabee Aboriginal Corporation, Redland City Council, SEQ Catchments, Sibelco, and State Government Agencies.

For further enquiries please contact Sibel Korhalilier on (07) 3503 1425
Sibelco Golfers have a great day out at the North Stradbroke Island Golf Club

Thirty players and supporters took to the NSI golf course at Dunwich for the Sibelco Mineral Sands Staff Golf Day held on Saturday 9th May. While rain interrupted the fierce competition it did not dampen the enthusiasm of the players.

The day also highlighted that whatever the weather the NSI Golf Course provides a unique experience for golfers and their families.

Prizes were donated from a variety of suppliers; it was also an opportunity for staff working across different locations within Sibelco Mineral Sands to come together and experience the fantastic views from the Clubhouse across Brown Lake toward Moreton Bay.

Children are welcome at the Club not only on the mini-putt-putt located by the clubhouse but also on the course where players often get the opportunity to get close to the local wildlife. Wildlife is encouraged to make the golf course home through a program of revegetation, and the planting of habitat and food trees especially for koalas. The local kangaroos graze the fairways and appear to line the approaches to each green.

The North Stradbroke Golf Club is a place to go for a great day out – even when the weather is less than perfect.

For more information about golfing packages or to book a day on the NSI Golf Course phone 07 3409 9999.
### Times and Heights of High and Low Waters at Brisbane Bar

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**IMPORTANT INFORMATION**

- Always check the tide charts before driving on the beach.
- Beach driving: It is illegal to drive on any beach one hour either side of high tide on North Stradbroke Island. Fines may be issued to anyone found driving at these times.

**Point Lookout: Deduct one and a half hours from the Brisbane bar tide times for the correct tide times for Main Beach.**

- Example: 10.30am low tide at the Bar = 9.00am at Main Beach.
- **Amity Point: Deduct half an hour from the Brisbane bar tide times for the correct tide times for Amity and Flinders Beach.**
- Example: 10.30am low tide at the Bar = 10.00am at Amity and Flinders Beach.
- **Dunwich: Less than half an hour difference from the Brisbane bar tide times**

**TIPS FOR FOUR-WHEEL DRIVING**

- Beaches are considered a road under Queensland legislation, therefore road rules apply. Speed limits for Flinders are 40km/h and 60km/h on Main Beach.
- Use formd tracks only. Never make new tracks and stay off dune vegetation – it keeps the dunes in place.
- Lower tyre pressure makes driving on sand safer and easier. Consult your tyre supplier for correct tyre pressures for your vehicle. Don’t forget to re-inflate your tyres when driving on bitumen.

**SAFETY REMINDER**

Parts of North Stradbroke Island are active mine operations and are covered by mining leases. For the safety of members of the public, mine staff and contractors - mining leases are not available for public access. Members of the public are asked not to enter mining lease areas on foot or using any means of transport. If you are concerned you may have entered a mine lease please leave immediately by the same route you accessed the area.

If you require clarification on the locations of mining lease boundaries please contact Sibelco Australia by phone on 07 3409 6800.
North Stradbroke Island Historical Museum presents an exhibition in celebration of Stradbroke Ferries 50 Years of Service

3 June – 31 August, 2014 at the museum, 15-17 Welsby Street, Dunwich

8am-12pm Tuesday to Saturday & 11am-3pm Sunday

31 Oct - 1 Nov Island Vibe Festival
Home Beach Park, Point Lookout | www.islandvibe.com.au