

SITE ORIENTATION



Gathering the information below is essential as a starting point for all the interested people and organisations who have something to do with the site on which you are wanting to work.

It sets out exactly where you want to do your project, who the major stakeholders are, and hopefully avoids the problems of stakeholders working at crossed purposes on the site.

You may not be able to gather all of the information at once, but Council Officers, Community Support Officers from the Hunter Central Rivers Catchment Management Authority -CMA, (usually attached to Councils), and Landcare Officers can all assist in gathering this baseline information.

Site Orientation- Field Data Sheet	Name of person completing form <i>Signature:</i>	Site Number
Site Name:		Date registered: dd/mm/yy
Location Name/Address:		Latitude
		Longitude
Other Map & Grid Ref: Area/Catchment	GPS coordinates	
<p>Land Ownership/Management:</p> <p>Permission of Land Owner/Manager; (Yes/No)</p> <p>Council Zoning:</p> <p>Site Map Reference/Community Land Plan:</p> <p>Infrastructure on site: (e.g. Sewer lines/mains, Powerlines, Gas mains)</p> <p>Heritage Values</p> <p>Aboriginal (Yes/No/Unsure)</p> <p>European: (Yes/No/Unsure)</p> <p>Has the Local Aboriginal Land Council been consulted? (Yes/No) and/or</p> <p>Has the Council Heritage Officer been consulted? (Yes/No) and/or</p> <p>Has the NPWS been consulted? (Yes/No)</p>		

Site Name

Sometimes a site will have an officially recorded name (e.g. Kullaiba Reserve at Kotara, Green Point Foreshore Reserve at Belmont/Valentine, and Barry Park at Fingal Bay), but often remnants of urban bushland are unnamed patches of open space.



Giving your site a name gives it an identity. This can be important in encouraging community stewardship of the local environment.

For example, Blue Wren Creek in the upper Ironbark Creek catchment at Rankin Park not only identifies an ephemeral tributary of a major urban watercourse, but it sets an aim for the Landcare groups to look after enough urban bushland habitat for the Blue Wren to remain in the area.

Another example is The Fairy Dell on Dudley Bluff, a name that keeps the historical link with the early mining families who used to picnic on the site.

Appropriate Aboriginal naming of a site reminds us of a tradition of stewardship of the land which predates the European heritage by thousands of years.

Need a name for your site?

Choosing a new name for a site involves finding out information about the area. The Geographical Names Board and your local council need to be involved in the naming process.

The Geographical Names Board aims to give priority in using names of Aboriginal origin connected with the feature, or a name with an historical background in the area of the feature

<http://www.gnb.nsw.gov.au/info/nameprop.html>

Location Name/Address

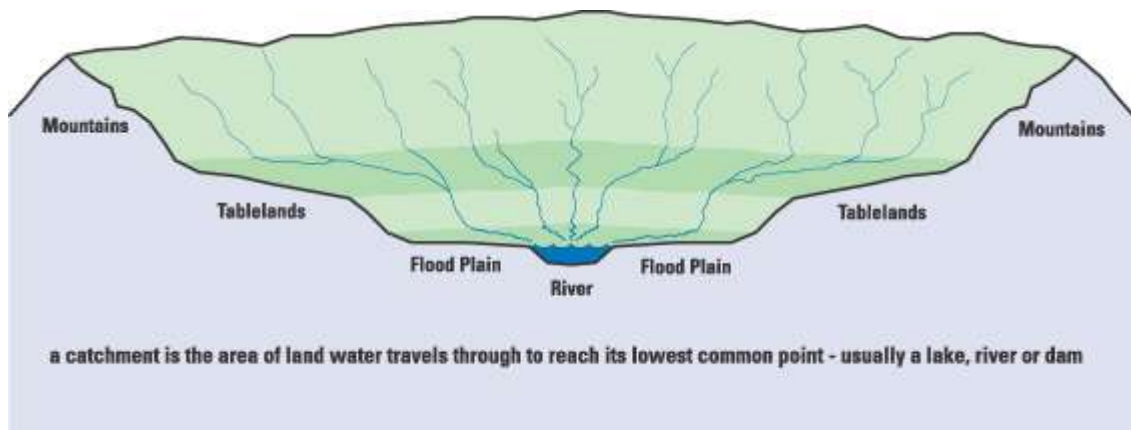
This information is needed for funding applications and it is important if you are asking for assistance from council work teams, professional bush regenerators or simply trying to explain where your meeting place is for volunteer workers, Council Officers, CMA Community Support Officers or site excursions.

Be specific!

If there are urban bushland reserves on both sides of the road as there are at Cecil Avenue, Wangi, then which side?

Is the street name a sufficient identifier? Sometimes there are disconnected sections of on-**the ground road with 'paper' roads in between** such as Awaba Street at Morisset and Marshall Street at Garden Suburb-New Lambton Heights.

You know your area best, so be as specific as you can.



Which Catchment?

Knowing your catchment is very important in the way land is managed today. It is important to know where the water that runs off your site goes. **There may be a 'total catchment management plan' which already includes your site, and already outlines the most important actions for your group to work on. Your site may be in a 'targeted catchment', which will make applying for assistance in money or in kind, easier.** Your local Council or the Hunter Central Rivers Catchment Management Authority should be able to help you with this.

Land Ownership/Management

You need to have permission from the landowner to be undertaking your project, if only for insurance and liability reasons. The land owner or manager is the major stakeholder who you will have to negotiate your project aims and actions with.

There are Council officers in each LGA who can help you find out who owns the land or who manages the land. Sometimes one organisation owns the **land but it is put under 'care and control' of another organisation. This is** sometimes the case with Crown Land, owned by the Commonwealth Government **but it is under 'care and control' of the local government.**



Council Zonings and Site Map References or Community Land Plans



This information will help you to identify the current and intended land use for your site. It is essential that your project proposal ties in with these stakeholder plans. It would be heartbreaking to complete hours of voluntary bush regeneration only to have a road or sewage easement pushed through your site.

Most Councils would be able to provide you with mapping and zoning information that would help you establish proposed work zones within your site.

Local Government Act 1993

Council is required to prepare Plans of Management for all lands classified as Community Land. According to the Local Government Act 1993, Public Land is classified as either Community Land or Operational Land.

Community Land is land that should be retained for use by the general public, whereas Operational Land refers to areas which need not be retained for use by the public.

Community Land must also be categorised into one or more of the following

- Natural Areas: Bushland, Wetland, Escarpment, Watercourse or Foreshore
- Sportsground
- Park
- General Community Use
- An Area of Cultural Significance



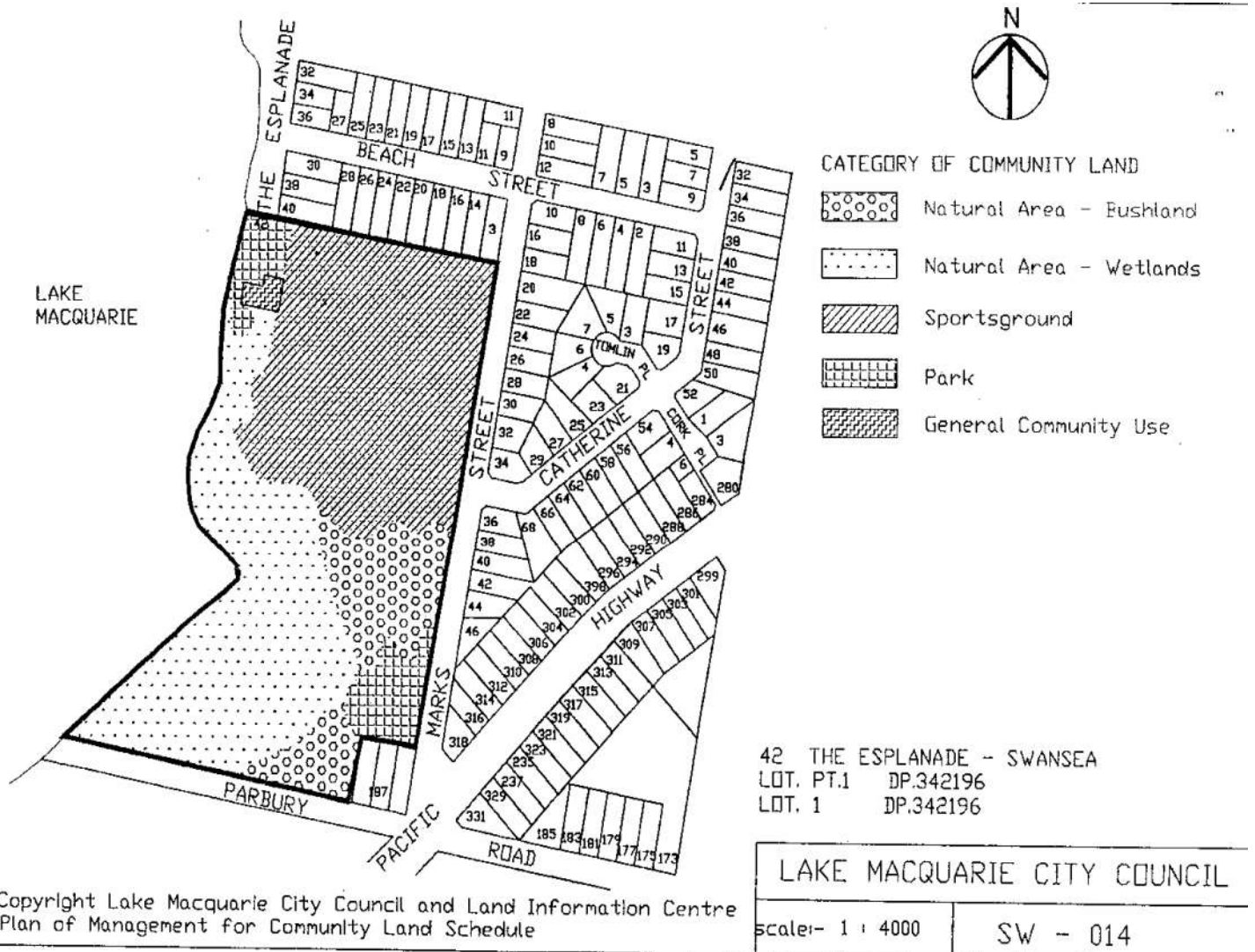
The Plans of Management determine the objectives for the use and

This example of a site has been chosen because of the variety of land uses within the one site. It forms part of the site that two Landcare groups, Galgabba Point Landcare and Swansea Scouts Landcare, are currently working.

On this site are Bushland and Wetland areas which are possibly the remnants of an Endangered Ecological Community, a General Community Use area with a Scout Hall and grounds, a mown area of Sportsground, **open areas of Park which are used as dog exercise areas, and a 'paper road' extension of Parbury Road which is still bushland/wetland.**

You can see there are a number of potentially conflicting land uses that could happen on this site. This means that project aims and actions, work zones and management practices need to be negotiated and clearly **established so that any one stakeholder's actions do not adversely impact upon any other stakeholder.**

Discussion Topic:
What potential conflicts could you imagine happening on such a site?

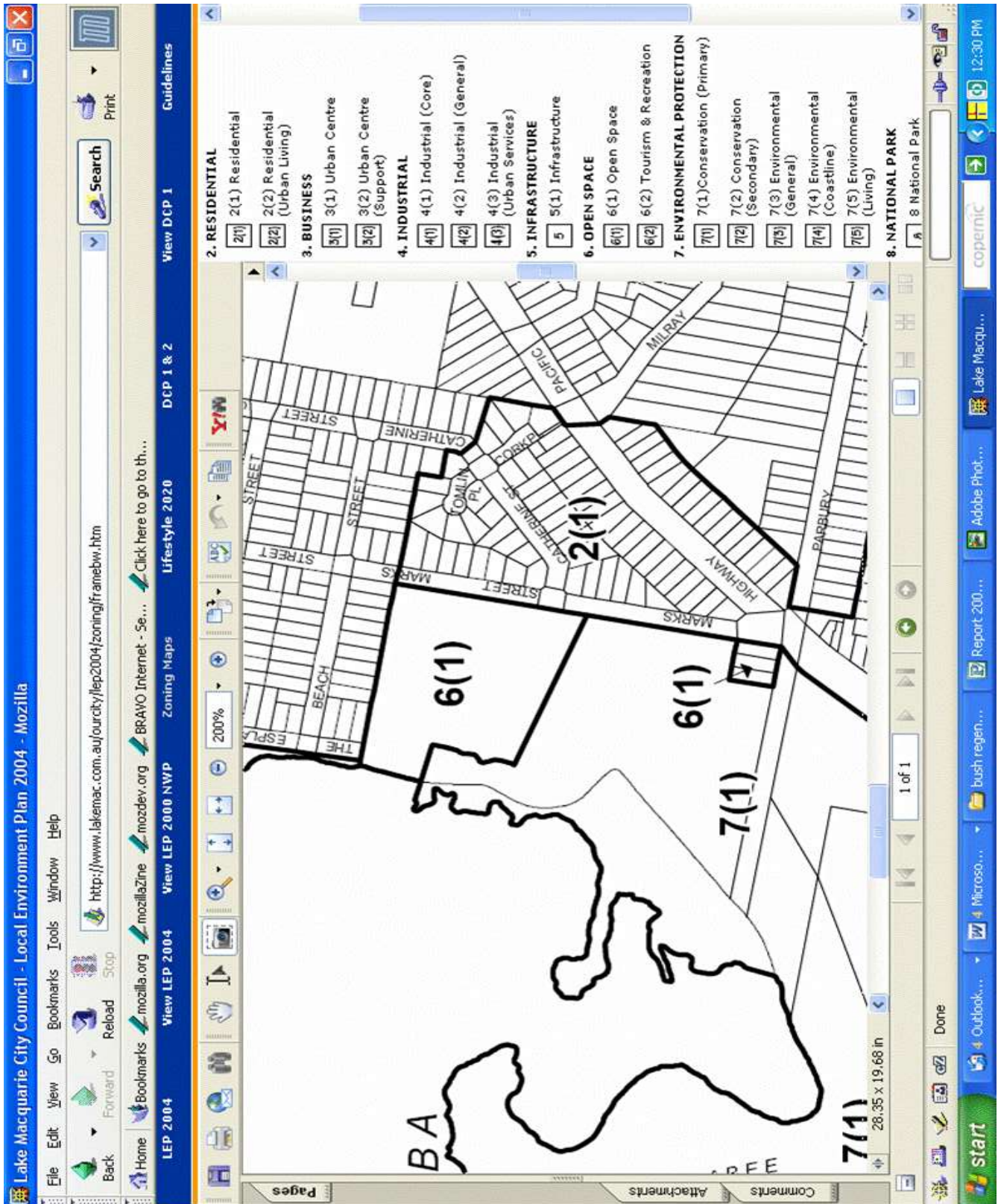


Local Environment Plan (LEP) Zoning maps can be found at

http://www.portstephens.nsw.gov.au/LEP/LEP_BW.htm

<http://www.lakemac.com.au/ourcity/lep2004/zoning/index.htm>

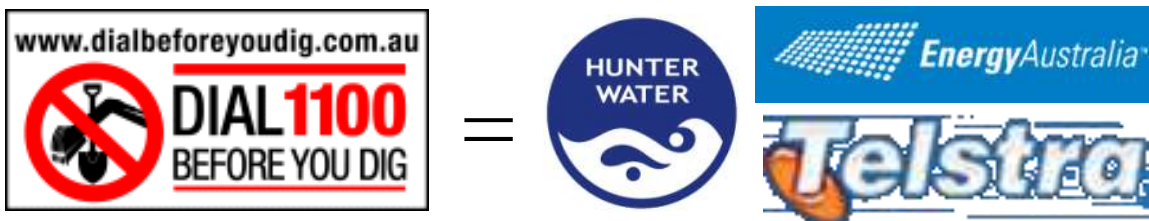
http://www.newcastle.nsw.gov.au/my_property/da_centre/local_environment_plan



Infrastructure on site

Most 'authorities' are happy to have groups doing environmental projects within sites where they are also stakeholders. Some organisations even sponsor project activities.

Again it is important that any infrastructure is identified before project commencement to avoid any conflict of interest. Most authorities are happy to provide you with site maps that locate their infrastructure so that problems do not occur. This avoids ongoing maintenance issues such as tree-pruning of inappropriate plantings, or clearing of blocked sewer mains because someone has planted a Strangler Fig directly above the pipe.



Dial 1100 Before you Dig

- Dialling 1100 Before You Dig helps prevent damage and disruption to **Australia's vast underground pipe and cable network** which carries many essential services, including our electricity, gas, communications and water.
- Neglecting to dial 1100 before excavating can lead to costly disruption to essential services, and injury or death to workers and the general public. It can also lead to heavy financial penalties.
- Dialling 1100 Before You Dig is the most efficient way to obtain information on underground networks at your excavation site.
- Dial Before You Dig is a national referral service for anyone wanting to know the location of underground networks at a proposed excavation site.

The following information is necessary in order to process your request by phone, the www.dialbeforeyoudig.com.au website or fax:

- your name and address
- contact telephone number
- your company name
- facsimile number for information return (if available)
- who will be on site, if anyone
- the detailed address and nearest intersection of the proposed dig
- commencement date of the proposed work
- type of work to be carried out

Once these details are obtained, the operator will pass on your request to the relevant asset owners who may have underground networks in the area you plan to excavate. Plans are usually supplied within two working days.

The Dial Before You Dig service operators are available from Monday to Friday between 8am and 5pm. (local time). This site is available 24 hours, 7 days a week.

Heritage

Often being able to identify the heritage values of a site is difficult and requires specialist knowledge. It is essential that environmental workers are sensitive to heritage values, whether Natural Heritage Values, Aboriginal Heritage Values or European Heritage Values, and that these values determine project activity within the site.

Natural Heritage Values would include recognition of Threatened Flora and Fauna within the site, and recognition of Endangered Ecological Communities. Council Environmental Officers, CMA Community Support Officers and websites such as DEC- Wildlife Atlas can assist in determining these values on your site. (This will be dealt with in more detail in the section dealing with native vegetation communities and habitat recogni-



Powerful Owl (*Ninox strenua*) is a threatened animal species

A threatened plant community is the Lower Hunter Spotted Gum-Iron bark community.



Syzygium paniculatum, Magenta Lillypilly is a threatened plant species

NSW Threatened Species Website

<http://www.threatenedspecies.environment.nsw.gov.au/tsprofile/index.aspx>

In New South Wales, 1010 native species, populations and ecological communities are listed as [threatened](#) with extinction. This website shows you what they look like, where and **how they live, why they're threatened**, and what we can do to help bring them back from the brink of extinction.

Aboriginal Heritage Values

Recognition of Aboriginal Heritage Values is definitely a specialist field, but it is likely that if you are working in a site which includes lake foreshore or dunal system that there is Aboriginal cultural heritage on site. If you are applying for grant funding for your site, there is usually provision within the grant to have an aboriginal cultural heritage site assessment completed by a specialist.

A good starting point is to read the document, Ask First: A guide to respecting Indigenous heritage places and values, this can be sourced from the web at <http://www.ahc.gov.au/publications/indigenousheritage/pubs/askfirst.pdf>

Consultation with your local Aboriginal Land Council or Catchment Officers (Aboriginal Communities) are also good contact points.



European Heritage Values

European heritage values are usually documented within Councils, and contact with a Heritage Officer within Council is a good place to start. Sometimes these heritage items are not documented but can be identified by talking to older residents near your site.

What at first may appear to be a weed species on site (e.g. *Phoenix* sp. Date **Palm on Ash Island identifying where the Scott's residence was, and** *Bambusa* sp. and *Musa* sp. at Dudley identifying a subtropical orchard site) might be an indicator of an historical land use which could be incorporated into a project action plan.



On Ash Island a well and pear tree mark the site near where the original slab hut was built. The foundations in the foreground are of a labourers quarters built in the 1930s

The vegetation can often provide clues to previous uses on the site
1900 - 1901 Bailey House,
South Burwood (looking north)
ID: LAK 4771



People who can give you information about your site

Newcastle

Issue	Contact Person	Contact details	Email/Website/comments	Organisation
Aboriginal Liaison & Assessments				
Liaison with local Aboriginal Communities	Catchment Officer - Aboriginal Communities	Phone: 49301030	hcr@cma.nsw.gov.au www.hcr.cma.nsw.gov.au Private Bag 2010, Paterson NSW 2421	Hunter Central Rivers Catchment Management Authority
Liaison with local Aboriginal Communities	Aboriginal Community Support Officer	Phone: 4938 4947	hcr@cma.nsw.gov.au www.hcr.cma.nsw.gov.au Private Bag 2010, Paterson NSW 2421	Hunter Central Rivers Catchment Management Authority
Aboriginal Site Assessments Awabakal		Phone: 4965 4532	awabaka@bigpond.net.au Areas around Glenrock Lagoon- Charlestown to Hunter River including Kooragang Island Areas around Glendale to Hunter River and out to Beresfield	Awabakal Local Aboriginal Land Council
Aboriginal Site Assessments Worimi		Phone: 4965 1500	reception@worimi.org.au Areas from the Stockton Bridge to Hawks Nest- Tea Gardens	Worimi Local Aboriginal Land Council
Aboriginal Site Assessments Mindaribba	Rick Griffiths	Phone: 4934 8511	r_griffiths12@bigpond.com Areas around Beresfield, Maitland, Vacy Gresford	Mindaribba Local Aboriginal Land Council
General boundary information for Local Aboriginal Land Councils and maps		Phone: 9689 4444	http://www.alc.org.au/ 33 Argyle Street, Parramatta NSW 2150, PO Box 1125 Parramatta NSW 2124	NSW Aboriginal Land Council
Utilities				
Existing infrastructure on your site: i.e. Telstra, Water, Gas, Electricity	Dial before you dig	Phone: 1100	http://www.dialbeforeyoudig.com.au/	Dial Before You Dig.
Any plans for future work- Energy Australia	Property Information enquiries	Phone: 9269 2906	Power easement upgrades can impact on your project. Knowing about these plans can make a difference to what you can do.	Energy Australia
Any plans for future work- Hunter Water	Manager Network Operations	Phone: 4979 9479	www.hunterwater.com.au Knowing about future plans for upgrading water or sewage systems can make a difference to what activities you plan to undertake.	Hunter Water
Landholder Permission				
Permission to work on bushland or coastal sites in Newcastle Local Government Area	Coastcare Officer or NCC Officer at The Community Greening Centre	Phone: 4974 2858 Phone: 4904 3300	Newcastle Coastcare/Landcare Facilitator: http://www.ncc.nsw.gov.au Greening Centre: www.newcastle.nsw.gov.au/environment/community_greening_centre These contacts can assist you on your site with information, training and tools	Community Partnerships Newcastle City Council
If you are going to work on National Parks and Wildlife Services Land	Ranger	Phone: 4984 8259 OR 4942 6311	Locked Bag 99 Nelson Bay Mail Delivery Centre NSW 2315	NPWS-Department of Environment, Climate Change &Water

People who can give you information about your site

Newcastle

Issue	Position (Officer 2007)	Contact details	Email/Website/comments	Organisation
Flora and Fauna				
If you think there are Threatened Species on your site	Senior Threatened Species Officer	Phone: 4908 6820 Fax: 4908 6810	Department of Environment and Conservation PO Box 488G Newcastle 2300 www.threatenedspecies.environment.nsw.gov.au	Department of Environment and Conservation
Reporting noxious Weeds in Newcastle	Weeds Officer	Phone: 4974 6000	http://www.ncc.nsw.gov.au/environment/managing_weeds	Newcastle City Council
Managing pests on National Parks lands in the Port Stephens & Newcastle area	Pest Management Officer	Phone: 4984 8200	ruth.armstrong@environment.nsw.gov.au mel.schroder@environment.nsw.gov.au Locked Bag 99 Nelson Bay NSW 2315	NPWS-Department of Environment and Conservation
Networks and Project Support				
Newcastle Landcare Network- coordination of local groups and distribution of information	Coastcare Officer	Phone: 4974 2000	www.ncc.nsw.gov.au	Newcastle City Council
Hunter Region Landcare Networking opportunities and regional project assistance	Office Coordinator		hrln@hunterlink.net.au	Hunter Region Landcare Network
Hunter regional Landcare issues and resources available	Regional Natural Resource Management Facilitator, Hunter	Phone: 4930 1030	hcr@cma.nsw.gov.au Regional Natural Resource Management Facilitator, Hunter Private Bag 2010,PATERSON 2421 www.hcr.cma.nsw.gov.au	Hunter Central Rivers Catchment Management Authority
Advice and assistance with issues and grants for projects on private rural land	Rural Landcare Officer	Phone: 43371213	hcr@cma.nsw.gov.au Central Coast, P O Box 1267 Gosford NSW 2250 www.hcr.cma.nsw.gov.au	Hunter-Central Rivers Catchment Management Authority
Water quality assessment/ training in Newcastle	Waterwatch Coordinator	Phone: 4930 1030	hcr@cma.nsw.gov.au Private Bag 2010 Paterson NSW 2421 www.hcr.cma.nsw.gov.au	Hunter Central Rivers Catchment Management Authority

People who can give you information about your site

Port Stephens				
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Aboriginal Liaison & Assessments				
Liaison with local Aboriginal Communities	Catchment Officer - Aboriginal Communities	Phone: 49301030	hcr@cma.nsw.gov.au www.hcr.cma.nsw.gov.au Private Bag 2010, Paterson NSW 2421	Hunter Central Rivers Catchment Management Authority
Liaison with local Aboriginal Communities	Aboriginal Community Support Officer	Phone: 4938 4947	hcr@cma.nsw.gov.au www.hcr.cma.nsw.gov.au Private Bag 2010, Paterson NSW 2421	Hunter Central Rivers Catchment Management Authority
Aboriginal Site Assessments Worimi		Phone: 4965 1500	reception@worimi.org.au Areas from the Stockton Bridge to Hawks Nest- Tea Gardens	Worimi Local Aboriginal Land Council
Aboriginal Site Assessments Mandaribba	Rick Griffiths	Phone: 4934 8511	r_griffiths12@bigpond.com Areas around Beresfield, Maitland, Vacy Gresford	Mandaribba Local Aboriginal Land Council
General boundary information for Local Aboriginal Land Councils and maps		Phone: 9689 4444	http://www.alc.org.au/ 33 Argyle Street, Parramatta NSW 2150, PO Box 1125 Parramatta NSW 2124	NSW Aboriginal Land Council
Utilities				
Existing infrastructure on your site: i.e. Telstra, Water, Gas, Electricity	Dial before you dig	Phone: 1100	http://www.dialbeforeyoudig.com.au/	Dial Before You Dig.
Any plans for future work- Energy Australia	Property Information enquiries	Phone: 9269 2906	Power easement upgrades can impact on your project. Knowing about these plans can make a difference to what you can do.	Energy Australia
Any plans for future work- Hunter Water	Manager Network Operations	Phone: 4979 9479	www.hunterwater.com.au Knowing about future plans for upgrading water or sewage systems can make a difference to what activities you plan to undertake.	Hunter Water
Landholder Permission				
Permission to work on bushland or coastal sites in <u>Port Stephens Local Government Area</u>	Community Support Officer	Phone: 4980 0255	PO Box 42, Raymond Terrace NSW 2324 116 Adelaide Street (Old Pacific Highway), Raymond Terrace NSW.	Port Stephens Council
If you are going to work on National Parks and Wildlife Services Land	Ranger	Phone: 49 55 0038	National Parks information and inquiries: Hunter Wetland Centre Sandgate Road, Shortland NSW	NPWS-Department of Environment, Climate Change & Water

People who can give you information about your site

Port Stephens				
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Flora and Fauna				
If you think there are Threatened Species on your site	Senior Threatened Species Officer	Phone: 4908 6820 Fax: 4908 6810	Department of Environment and Conservation PO Box 488G Newcastle 2300 www.threatenedspecies.environment.nsw.gov.au	Department of Environment and Conservation
Reporting noxious Weeds in Port Stephens	Weeds Officer	Phone: 4980 0392	http://portstephens.local-e.nsw.gov.au/environment/1276.html	Port Stephens Council
Managing pests on National Parks lands in the Port Stephens & Newcastle area	Pest Management Officer (Ruth Armstrong Mel Schroder)	Phone: 4984 8200	ruth.armstrong@environment.nsw.gov.au mel.schroder@environment.nsw.gov.au Locked Bag 99 Nelson Bay NSW 2315	NPWS-Department of Environment and Conservation
Networks and Project Support				
Landcare Networking opportunities in Port Stephens area		Phone: 4984 5677	tilligerryhabitat@tsn.cc	Tilligerry Habitat
Hunter Region Landcare Networking opportunities and regional project assistance	Office Coordinator		hrln@hunterlink.net.au	Hunter Region Landcare Network
Hunter regional Landcare issues and resources available	Regional Natural Resource Management Facilitator, Hunter	Phone: 4930 1030	hcr@cma.nsw.gov.au Regional Natural Resource Management Facilitator, Hunter Private Bag 2010, PATERSON 2421 www.hcr.cma.nsw.gov.au	Hunter Central Rivers Catchment Management Authority
Advice and assistance with issues and grants for projects on private rural land	Rural Landcare Officer	Phone: 43371213	hcr@cma.nsw.gov.au Central Coast, P O Box 1267 Gosford NSW 2250 www.hcr.cma.nsw.gov.au	Hunter-Central Rivers Catchment Management Authority

People who can give you information about your site

Lake Macquarie

Issue	Position (Officer 2007)	Contact details	Email/Website/comments	Organisation
Aboriginal Liaison & Assessments				
Liaison with local Aboriginal Communities	Catchment Officer - Aboriginal Communities	Phone: 49301030	hcr@cma.nsw.gov.au www.hcr.cma.nsw.gov.au Private Bag 2010, Paterson NSW 2421	Hunter Central Rivers Catchment Management Authority
Liaison with local Aboriginal Communities	Aboriginal Community Support Officer	Phone: 4938 4947	hcr@cma.nsw.gov.au www.hcr.cma.nsw.gov.au Private Bag 2010, Paterson NSW 2421	Hunter Central Rivers Catchment Management Authority
Aboriginal Site Assessments Koompahtoo		Phone: 4950 5577	koompahtoo@bigpond.com.au Western Lake Macquarie Areas around Morisset to Cardiff/ Glendale	Koompahtoo Local Aboriginal Land Council
Aboriginal Site Assessments Darkinjung		Phone: 4351 2930	darkinjung@dlalc.org.au From the Hawksbury river to southern end of Lake Macquarie around Morisset out to Wollombi.	Darkinjung Local Aboriginal Land Council
Aboriginal Site Assessments Bahtabah		Phone: 4971 4800	bahtabah@nexon.com.au Eastern Lake Macquarie: Wyee to Charlestown and including all of Lake Macquarie to the waters edge	Bahtabah Local Aboriginal Land Council
Aboriginal Site Assessments Awabakal		Phone: 4965 4532	awabaka@bigpond.net.au Areas around Glenrock Lagoon- Charlestown to Hunter River including Kooragang Island Areas around Glendale to Hunter River And out to Beresfield	Awabakal Local Aboriginal Land Council
General boundary information for Local Aboriginal Land Councils and maps		Phone: 9689 4444	http://www.alc.org.au/ 33 Argyle Street, Parramatta NSW 2150, PO Box 1125 Parramatta NSW 2124	NSW Aboriginal Land Council
Utilities				
Existing infrastructure on your site: i.e. Telstra, Water, Gas, Electricity	Dial before you dig	Phone: 1100	http://www.dialbeforeyoudig.com.au/	Dial Before You Dig.
Any plans for future work- Energy Australia	Property Information enquiries	Phone: 9269 2906	Power easement upgrades can impact on your project. Knowing about these plans can make a difference to what you can do.	Energy Australia
Any plans for future work- Hunter Water	Manager Network Operations	Phone: 4979 9479	www.hunterwater.com.au Knowing about future plans for upgrading water or sewage systems can make a difference to what activities you plan to undertake.	Hunter Water
Landholder Permission				
Permission to work on Bushland & Coastal sites in <u>Lake Macquarie Local Government Area</u>	LMCC Landcare Coordinator	Phone: 4959 5080	Development of action plans for the work. www.lakemac.com.au	Lake Macquarie City Council
If you are going to work on National Parks and Wildlife Services land in the Lake Macquarie area	Ranger	Phone: 4358 0400	NPWS Lakes Area PO Box 100 Budgewoi NSW 2262	NPWS-Department of Environment, Climate Change & Water
If you are going to work on National Parks and Wildlife Services Land at Glenrock SCA & Awabakal Nature Reserve	Ranger	Phone: 4984 8259 OR 4942 6311	Locked Bag 99 Nelson Bay Mail Delivery Centre NSW 2315	NPWS-Department of Environment, Climate Change & Water

People who can give you information about your site

Lake Macquarie

Issue	Position (Officer 2007)	Contact details	Email/Website/comments	Organisation
Flora and Fauna				
If you think there are Threatened Species on your site	Senior Threatened Species Officer	Phone: 4908 6820 Fax: 4908 6810	Department of Environment and Conservation PO Box 488G Newcastle 2300 www.threatenedspecies.environment.nsw.gov.au	Department of Environment and Conservation
Reporting noxious Weeds in Lake Macquarie	Weeds Officer	Phone: 4921 0360	http://www.lakemac.com.au/ourcity/bio_intro_species.asp	Lake Macquarie City Council
Networks and Project Support				
Tools, training and resources for Landcare projects in Lake Macquarie	Landcare Resource Office	Phone: 4959 5080	lro@kooee.com.au Tools, training, educational materials and office support for Landcare projects in Lake Macquarie http://www.lakemacquarielandcare.org	Lake Macquarie Landcare Network
Hunter Region Landcare Networking opportunities and regional project assistance	Office Coordinator		hrln@hunterlink.net.au	Hunter Region Landcare Network
Assistance with funding applications and information in Lake Macquarie	LMCC project Officer	Phone: 4959 5080	PO Box 3006 Blackalls Park, 2283	Hunter Central Rivers Catchment Management Authority
Lake Macquarie wide projects that can support Landcare groups	Office of Lake Macquarie Catchment Coordinator (Jeff Jansson)	Phone: 4921 0230	jjansson@lakemac.nsw.gov.au Box 1906,HRMC NSW 2310	Office of Lake Macquarie Catchment Coordinator
Central Coast regional Landcare issues and resources available	Regional Natural Resource Management Facilitator - Central Coast- (Trevor May)	Phone: 4337 1212	trevor.may@cma.nsw.gov.au Regional Natural Resource Management Facilitator- Central Coast-	Hunter Central Rivers Catchment Management Authority
Advice and assistance with issues and grants for projects on private rural land	Rural Landcare Officer	Phone: 4337 1213 Fax: 43 233 960 Mob: 0418 633 626	hcr@cma.nsw.gov.au Rural Landcare Officer Central Coast, P O Box 1267 Gosford NSW 2250	Hunter-Central Rivers Catchment Management Authority
Water quality assessment & training in Lake Macquarie	Environmental Officer	Phone: 4921 0702	masmith@lakemac.nsw.gov.au Adopt-a SQID project for monitoring water quality on your site	Lake Macquarie City Council
Monitoring the health of Lake Macquarie estuary	Stormwater Officer (Susan Woodhouse)	Phone: 4921 0426	Estuary Watch is a community education and monitoring program for lake foreshore and estuary areas	Lake Macquarie City Council

Acknowledgements

Carl Fulton for sharing his vast botanical knowledge and understanding of the site orientation and bush regeneration processes by compiling the information contained in this document.

Suzanne Pritchard for the layout and desktop publishing

All the TIN team, staff and volunteers, who over the years have found new and interesting ways to do things and for sharing their extensive botanical knowledge and being dedicated to empowering through knowledge sharing.

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Hunter Central Rivers CMA and Natural Heritage Trust for providing the funding through the Environmental Education grants program. (<http://www.hcr.cma.nsw.gov.au>)

Image Credits

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Page 4- Catchment diagram- Hunter Water (2005) Water Kit- An Education Resource for Lower Hunter Schools

Page 6- Community Land Map—LMCC (2002) Draft Plans of Management for community land

Page 7- LMCC- Local Environment Plan 2004, Map 31 -http://www.lakemac.com.au/downloads/Map31_bw.pdf (Accessed 10.05.07)

Page 9 Lower Hunter Spotted Gum-Ironbark forest <http://www.threatenedspecies.environment.nsw.gov.au/tsprofile/profile.aspx?id=10942> (Accessed 10.05.07)

Page 10- Aboriginal Land Councils map section- Department of Lands (2003) Aboriginal Land Rights Act 1983-Aboriginal Land Councils

Page 11- Kooragang Island image of site of Milhams hut http://www.hcr.cma.nsw.gov.au/kooragang/KCF_history.htm (Accessed 10.05.07)

Page 11- Bailey House ID # 4771- LMCC Historic photos <http://www.lakemac.com.au/pagephoto.aspx?pid=482&vid=1&tmpt=photo&iSID=4771> (Accessed 10.05.07)



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