



Where you live in Darwin is special

Did you know that where you live is special and so are 24 other areas in Darwin? Each area has its own unique environmental, recreational, social, cultural and land use characteristics and issues. Darwin City Council is developing an Environmental Management Plan to protect Darwin's environment and your quality of life into the future.

Did you know that environmental issues and concerns differ greatly across Darwin? For example, some pollution moves with stormwater. Stormwater flows into drains and mainly discharges into the harbour. Therefore, the things that we do can have a big impact on the quality of stormwater and its impact on the harbour.

Did you know that for us to protect what is important to you we have to know what we have in the first place? Our first step has been to create a 'map' of each area, which we call an Environmental Management Unit and these are then combined in an Atlas. To ensure that this Atlas covers all the bases we have started with what information we already know about each area and have identified what some of the issues are. Most importantly we need to be sure that:

- It represents the views of Darwin residents.
- Council is aware of what you would like to see protected now and into the future.
- Important environmental concerns, problems and issues in your neighbourhood are recorded so that Council's Action Plan reflects the wishes and expectations of the community as a whole.

Help us to protect your environment and have your say
Please take the time to complete and return the enclosed survey

To find out more – **Come and talk to your Aldermen and EMP Advisory Committee members at the Parap Markets on Saturday 25 March 2006, from 9:00 am**

Your Aldermen are Alderman Joanne Sangster phone: 0408 746 487 (Chairman, Environment Management Plan Advisory Committee)
Alderman Rodger Dee phone: 0439 751 954, Alderman Helen Galton phone: 0400 659 661
and Alderman Heather Sjoberg phone: 8981 0714 (A/H)

An Atlas extract for your local area is provided below. The full Atlas and all related strategies can be viewed at Darwin City Council Libraries at Casuarina, Karama, Nightcliff and City (Civic Centre) and on the Council website: www.darwin.nt.gov.au

EMP Atlas Extract for Ludmilla Creek/Fannie Bay North Environmental Management Unit (EMU)

Description:

THE LUDMILLA CREEK/ FANNIE BAY NORTH ENVIRONMENTAL MANAGEMENT UNIT (EMU) includes the suburbs of Fannie Bay, Parap, The Narrows and part of Ludmilla, the Fannie Bay Racecourse, the Darwin Turf Club, Lake Alexander and the Arafura Life Saving Club.

The Natural Environment:

- 19 maintained recreation parks including Aviator Park, Bayview Park, East Point Foreshore, East Point Reserve, Gilbert Park, Hinkler Park, Narrow Rd Park, Stoke Street Park, Richardson Park, George Park, Ken Water Park, McGuinness Park, Ross Smith Memorial Park, Dwyer Park, Clancy Park, Fannie Bay Park, Minmararama Park, MacDonald Park and the grounds surrounding the ovals.
- 20 road reserves including Dick Ward Drive, Ludmilla Road, Worgan Park, Hudson Fysh Ave and Parap Netball.
- 4 urban bushland including East Point Reserve x 2, Fannie Bay Reserve, Douglas Street Racecourse bank.
- 21 registered Trees of Significance

The Social and Built Environment:









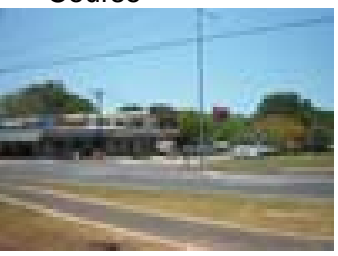
- The Ludmilla Creek/ Fannie Bay North EMU is home to approximately 4866 people from diverse and multicultural backgrounds.
- Architecture of the EMU's suburb consists mostly of single occupancy low or elevated homes, with some high-density town houses and apartment buildings.
- Major sporting facilities include the Fannie Bay Racecourse, the Darwin Turf Club, Fannie Bay and Waratah Ovals.
- 2 Northern Territory Heritage Register sites include the Fannie Bay Goal and Quantas/ Guinea Airway hanger.

Land Ownership:


Land ownership rests with a variety of Stakeholders, including Darwin City Council, NT Government, Power Water Authority and freehold.



Summary Table 1 - Known Values (Uses, Importance, Significance, Appeal, Attraction)

Social Values	Environmental Values	Recreational Values	Heritage/Cultural Values	Economic & Governance Values
<p>Multicultural neighbourhood - emphasis on social and recreational gathering</p> 	<p>Vegetation communities</p> <ul style="list-style-type: none"> Mangrove and wetlands Monsoon vine thicket and riparian zones Woodland and grassland <p>Lake Alexander and East Point foreshore</p> <ul style="list-style-type: none"> Part of the Darwin Foreshore listed on the Register of the National Estate Foreshore and intertidal fauna and flora habitats Marine habitats 	<p>Land</p> <ul style="list-style-type: none"> Picnic and BBQ Dinning Bushwalking Bird watching Cycling Athletics and football Horse riding/racing Sunbathing 	<p>Foreshore</p> <ul style="list-style-type: none"> Larrakia and other Aboriginal people use this area for gathering food and as a meeting place. 	<p>Government</p> <ul style="list-style-type: none"> Darwin City Council PowerWater NT Government 
<p>Social aspect - emphasis on outdoor recreational activities, horsing racing markets and the number of formalise groups (Landcare, Water-watch).</p> 	<p>Fauna & flora</p> <ul style="list-style-type: none"> Birds, including migratory shore birds Reptiles, including crocodiles Fish Frogs Small mammals, including Northern brown bandicoots, Water rats, Fruit bats and a number of small bat species. Mangrove community species Ludmilla Creek and associated tidal flats demonstrate a diversity of mangrove plants, with fourteen species, within a highly productive ecosystem. 	<p>Aquatic</p> <ul style="list-style-type: none"> Boating Fishing Swimming Snorkelling 	<p>Places of cultural significance</p> <ul style="list-style-type: none"> Ross Smith Ave Old Darwin Airport Heritage Register sites Old Fannie Bay Gaol 	<p>Commercial/ corporate/ business</p> <ul style="list-style-type: none"> Darwin Turf Club Fannie Bay Race Course 

Summary Table 2 Issues and Initiatives

Values	Issues	Initiatives	
		What?	Who?
<p>Environmental</p>   	<ul style="list-style-type: none"> Maintaining vegetation/ wildlife corridors Changes to landforms and soils by filling, dumping, and excavating. Changes to hydrology due to increased urbanisation, filling and drainage works. Water quality – possible leachate from old DCC landfill at Minmarama Park; Ludmilla sewage plant; decline due to pollution from chemicals, nutrients, sediments, bacteria and litter. Sand dune erosion and uncontrolled vehicle and pedestrian access to the mangrove, riparian and estuarine communities Jellyfish <i>Casseopea</i> species Weed infestation Litter and rubbish dumping Dogs and cats at large Over harvesting of fish, crustaceans and shellfish Acid sulfate soil 	<ul style="list-style-type: none"> Draft Assessment of the Conservation Values of the Parks and Reserves of the Greater Darwin Area. Revegetation Lake Alexander monitoring project  <ul style="list-style-type: none"> Weed control Litter management & dog patrol 	<ul style="list-style-type: none"> Department of Planning and Infrastructure (DPI) Department of Natural Resources, Environment and The Arts NRETA Ludmilla Creek Landcare Group Development Assessment (DPI) Darwin City Council  <ul style="list-style-type: none"> Parks and Wildlife (NRETA) Darwin City Council 
<p>Social</p> 	<ul style="list-style-type: none"> Itinerant camping and sleeping arrangement Public health Consumption of alcohol and associated amenity/ peace disturbance 	<ul style="list-style-type: none"> DCC public places program Community patrol General patrols 	<ul style="list-style-type: none"> DCC Regulatory Services Mission Australia NT Police Service St Vincent De Paul
<p>Recreational</p> 	<ul style="list-style-type: none"> Fires Jellyfish crocodiles Health hazards from littering and mosquitoes  	<ul style="list-style-type: none"> Crocodile trapping/ relocation & warning sign Mosquito management (spraying) Public place litter program 	<ul style="list-style-type: none"> NT Fire and Rescue DPI Territory Health Darwin City Council
<p>Heritage/ cultural</p>	<ul style="list-style-type: none"> Recognition and respect of sacred sites Protection of heritage building 	<ul style="list-style-type: none"> Northern Territory Aboriginal Sacred Sites Act 2004 Heritage Conservation Act 2000 	<ul style="list-style-type: none"> Aboriginal Areas Protection Authority DPI NRETA
<p>Commercial/ business/industry</p>	<ul style="list-style-type: none"> Flood mitigation Hazardous/ industry waste disposal Conducting or developing businesses that carry the risk to release pollutants in an area with high environmental values 	<ul style="list-style-type: none"> Waste Management and Pollution Control Act 2003 	<ul style="list-style-type: none"> DPI NRETA Darwin City Council 

Examples of current environmental protection action by Darwin City Council include:

- Biodiversity - fauna and flora surveys at Rapid Creek and Lake Alexander
- Public places litter audits for 400 ha of bush and park lands managed by Council
- Construction of a \$ 1,250,000 million Regional Recycling and Resource Recovery Facility at Shoal Bay Waste Depot
- Development of an Energy Conservation Plan for Darwin City Council in partnership with the Cities for Climate Protection Program
- Environmental Education Programs with Darwin Schools, including recycling education and the "Champions for the Environment Darwin" program where individual schools champion a problem site and work to enhance or protect native habitats and/or waterways