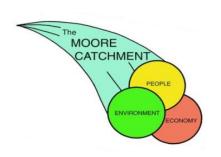
Moore Catchment Council





Annual Report 2010/2011

"To maintain and improve the health of the Moore River environment by communicating natural resource management and encouraging maximum sustainable use of resources."







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1 Foreword

The Moore Catchment Council (Inc) was founded in 1995 as the Moore Catchment Group, with the aim of "working with community groups, local government and the agencies, towards a common goal of system and social sustainability through activities based on managing natural resources within the catchment." (MCC Constitution - 2007).

The Moore Catchment Council (MCC) is one of four sub-regions of the Northern Agricultural Region, which is represented by the Northern Agricultural Council NACC), NACC is the body that administers natural resource management funding for the Moore Region.

The role of the MCC is to promote integrated catchment efforts in the catchment to get the most effective action on the ground so that our natural resources can be enjoyed by our children in the future.

The Vision of the MCC is that there will be a strong link between people, the economy and the environment.

Our Natural Resource Management officers can:

- Source technical information by liaising between experts in fields such as hydrology and heritage
- Facilitate local and regional linkages with Federal, State and Regional natural resource management programs.
- Assisting in the development and co-ordination of projects and sourcing of funding.
- Facilitate workshops and identify NRM training needs.

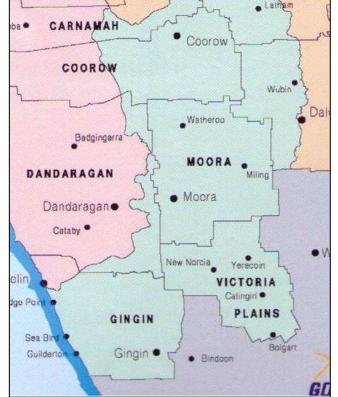
2 Staff and Committee:

Moora Office:

1 Padbury Street P.O Box 337 Moora WA 6507

Phone 08 9653 1355 Fax 08 9653 1366

Website: moorecatchment.org.au



Springs¹

Carnamah

THREE

SPRINGS



Staff Summary

Over this year we have employed:

Natural Resource Management Officer's (NRMO):



Rachel Walmsley became a NRMO at MCC in early 2008 after emigrating from England in 2007 with her boyfriend Andrew who is employed as Irrigation Manager for Moora Citrus. Coming from a farming family and after gaining a Bachelor of Science honours degree in Earth Science, she then spent six years working in waste management for Biffa Waste Services as an Environmental Control Advisor. During her time with MCC, she has successfully helped MCC obtain funding for a number of projects including working alongside the Moora-Miling Pasture Improvement Group to plant saltbush on unproductive land, and also funds for farmers to fence off and revegetate their natural assets. Her aim is to help the community become enthusiastic about their local environment.



Ingrid Krockenberger joined the Moore Catchment Council in 2008 after working at Murdoch University in teaching and research roles in the School of Environmental Science for the last 12 years. Her research interests in mine rehabilitation have investigated mine-pit revegetation and soil amendment for revegetating mine tailings. More recently, she has researched tree water relations in plantation forestry. Her tutoring roles have included water and earth science, land management, environmental management, management of aquatic systems, and environmental restoration

Administration Staff:

Helen Watkins - Executive Officer



Helen joined the team in September 2008; Helen lives in Dandaragan with husband Paul where they run an Agricultural Contracting Business. Helen has the role of Executive Officer of the Moore Catchment Council and works 9 hours per week. Her Key responsibilities are administering the Finances and doing the day to day administration of the group, updating the website, keeping data bases us to date and informing members what is happening with the MCC.



MCC Committee:

Chairperson: Geoff Erickson
Vice Chairperson: Lawrie Short
Secretary: Duncan Peter

Treasurer: Cynthia McMorran
Committee: John Braid

John Braid Mike Carter Peter Waterhouse
John Longman Reg Beale Arthur Tonkin
Barry Johnson Jan Waite Tim Bailey

Don Telfer Reg Beale

Executive and Finance Committee

Chairperson: Geoff Erickson
Vice-Chairperson: Lawrie Short
Secretary: Duncan Peter
Treasurer: Cynthia McMorran

MCC HR Committee:

Lawrie Short Rachel Walmsley Geoff Erickson Duncan Peter

Cynthia McMorran Ingrid Krockenberger

Projects Sub Committee

Cynthia McMorran, Duncan Peter, John Braid, Reg Beale.









3 Chairpersons Report:

Annual Report

MCC AGM

Chairs Report

Welcome to the AGM and it is nice to note we have all had good rains.

MCC has survived another year with two NRMO's and with a bit of luck with federal funding we hope this continues.

During the year we moved into new offices and this is working very well.

MCC formed a new committee to manage the NRMO.s contract and this has seen better relations with Shelly and the team from NACC.

Well done to you all.

I am happy to announce I have been re-elected to the board of NACC

I am not seeking re-election as MCC chair and have enjoyed my time as chairman.

Regards Geoff Erickson



2010-2011 Financial year saw a decrease in the funding from Northern Agricultural Catchments Council for the NRMO project, the finalisation of the *Productive Saltbush Pastures to Combat Wind Erosion in the Eastern Moore* (\$96,500) and a great response to the Recovery and Protection of the Moore River Catchment's Threatened Natural Assets (R & R) Project (\$199,100). Moore Catchments Council (MCC) was successful in obtaining further grants from the State NRM for *Improving habitat and connectivity in the farming landscape for birds in the Moore River catchment of* \$31,350.

MCC will be sorry to see Geoff Erickson step down from his position as Chairperson and Cynthia McMorran from her position as Treasurer. Both Geoff and Cynthia has been a great asset to the MCC, and we wish them well.

Our NRMO's Rachel Walmsley and Ingrid Krockenberger have done a wonderful job this year, keeping the grant applications coming whilst working hard on the Wind Erosion, Rabbits, Coastal, Saltbush and R & R project, and making sure all target and milestones were met, under some sometimes trying conditions.

This year saw the office move from 19 Dandaragan Street, Moora to Cunninghams' building, 1 Padbury St, Moora. This was a marathon effort to get everything packed, moved and then unpacked. Great effort to all those involved.

Thanking all the Committee and staff for all their efforts and support during the past year.

Helen Watkins – Executive Officer



5 Financial Report:

MOORE CATCHMENT COUNCIL INC. Compilation Report to MOORE CATCHMENT COUNCIL INC.

We have compiled the accompanying special purpose financial statements of MOORE CATCHMENT COUNCIL INC., which comprise the Statement of Comprehensive Income, Statement of Changes in Equity, Statement of Cash Flows and Statement of Financial Position as at 30 June 2011, a summary of significant accounting policies and other explanatory notes. The specific purpose for which the special purpose financial statements have been prepared is set out in Note 1 to the financial statements.

The Responsibility of the Director of MOORE CATCHMENT COUNCIL INC.

The director of MOORE CATCHMENT COUNCIL INC., is solely responsible for the information contained in the special purpose financial statements and has determined that the significant accounting policies adopted as set out in Note 1 to the financial statements are appropriate to meet the director's needs and for the purpose that the financial statements were prepared.

Our Responsibility

On the basis of the information provided by the director of MOORE CATCHMENT COUNCIL INC., we have compiled the accompanying special purpose financial statements in accordance with the significant accounting policies adopted as set out in Note 1 to the financial statements and APES 315: Compilation of Financial Information.

Our procedures use accounting expertise to collect, classify and summarise the financial information, which the director provided, in compiling the financial statements. Our procedures do not include verification or validation procedures. No audit or review has been performed and accordingly no assurance is expressed.

The special purpose financial statements were compiled exclusively for the benefit of the director of MOORE CATCHMENT COUNCIL INC.. We do not accept responsibility to any other person for the contents of the special purpose financial statements.

PRACTISING	ACCOUNTANTS	NORTH MIDLANDS	ACCOUNTING
		SERVICE	

CARNAMAH WA

16 September, 2011



MOORE CATCHMENT COUNCILINC. Detailed Balance Sheet As At 30 June 2011

	Note	2011 \$	2010 S
Current Assets			
Cash Assets			
Cash Management A/C - Westpac A/C 123847			133,266
Cash at bank - Westpac A/C 145544		29,148	26,938
Cash at bank - Westpac A/C 145579		6,728	6,880
Westpac Term Deposit A/C 148294		53,717	51,262
Westpac RBusiness Reserve A/C 149203		213,512	
Cash on hand	12	38	38
		303,142	218,384
Receivables			
Trade debtors		60,553	59,285
		60,553	59,285
Total Current Assets	3	363,695	277,669
Total Assets	: }	363,695	277,669
Current Liabilities			
Payables			
Unsecured:			
Trade creditors		35,127	33,856
		35,127	33,856
Correct Tay Linkillities			
Current Tax Liabilities		1,000,000	5.047
		1,327	5,947
GST clearing		1,327 2,872	
Current Tax Liabilities GST clearing Amounts withheld from salary and wages			5,947 2,860 8,807



MOORE CATCHMENT COUNCILINC. Detailed Balance Sheet As At 30 June 2011

	Note	2011 \$	2010 S
Non-Current Liabilities			
Provisions			
Employees Long Service Provision	2	9,000	
		9,000	
Total Non-Current Liabilities		9,000	
Total Liabilities		48,326	42,663
Net Assets	1	315,368	235,007
Equity			
Retained profits / (accumulated losses)	100	315,368	235,007
Total Equity		315,368	235,007



MOORE CATCHMENT COUNCIL INC.

Detailed Profit and Loss Statement For the year ended 30 June 2011

	2011 \$	2010 \$
Income		
Grants Received	418,843	268,249
Facsia - Volunteer Grant	410,015	2,500
Interest received	12,881	5,924
Membership Fees	3,500	3,500
Equipment Hire	100	136
Donations	291	7,362
Project Management Income	33,133	32,114
Seeds & Seedling Sales	29,295	28,817
Office Lease		100
Refunds	428	867
Publication Income	191	164
Total income	498,662	349,733
Expenses		
Advertising and promotion	100	939
Audit fees	1,960	2,918
Bank Fees And Charges	266	548
Catering - Meetings	2,564	2,256
Cleaning - Office	129	711
Contract Wages		32,416
Electricity	466	529
Grant Funding returned	11,690	12,420
Hire - Meetings	282	127
Incidentals	1,836	4,968
Insurance		3,692
Insurance - Workers Compensation	908	996
Interest Paid		136
Internet Fees	1,057	937
License Fees	57	281
Moving Expenses	1,182	
M/V commercial - Lease	15,009	26,492
M/V commercial - Repairs	6,820	6,117
Office Supplies	883	1,979
Postage	931	725



MOORE CATCHMENT COUNCILING.

Detailed Profit and Loss Statement

For the year ended 30 June 2011

	2011 \$	2010 \$
Printing & stationery	258	4
Project Management Expenses	33,100	19,000
Consultants	3,000	2000
Fencing Materials	44,188	
Field Days	1,404	3,657
Printing	3,099	9,653
Seeds & Seedlings	76,364	130,348
Travel Expenses		17,312
Equipment Purchase	5,493	
PlantClassification	10,755	
Reimbursements - Fees	4,500	4,850
Rent - Office	4,231	13,860
Repairs & maintenance	347	109
Stafftraining		82
Superannuation	12,889	13,235
Telephone	3,236	6,062
Wages	152,208	147,054
Wages - Finance Contract	16,800	8,065
Water	36	
Total expenses	418,050	472,479
Profit from Ordinary Activities before income tax	80,612	(122,746)



6 Auditors Report:

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NORTH MIDLANDS ACCOUNTING SERVICE

> Practising Accountants & Tax Agents

MOORE CATCHMENT COUNCIL INC.

INDEPENDENT AUDITOR'S REPORT

TO THE COMMITTEE OF THE MOORE CATCHMENT COUNCIL INC.

- We have audited the Income and Expenditure Books of Account of the MOORE CATCHMENT COUNCIL INC. for the years ended 30th June 2011. The Executives are responsible for the preparation and presentation of the financial report and the information contained therein. We have conducted an independent audit of the financial report in order to express an opinion on it to the members.
- Our audit has been conducted in accordance with Australian Auditing Standards to provide reasonable assurances as to wether the accounts are free from material misstatement. Our procedures included examination on a test basis, of evidence supporting the amounts and other disclosures in the accounts, and the evaluation of accounting policies and significant accounting estimates. These procedures have been undertaken to form an opinion whether, in all material respects the accounts are presented fairly in accordance with Australian Accounting Concepts and Standards so as to present a view of the MOORE CATCHMENT COUNCIL INC which is consistent with our understanding of its financial position and the results of its operation.

The audit opinion expresses in this report has been formed on the above basis.

Qualification

Due to the nature of the activities of the MOORE CATCHMENT COUNCIL INC, our testing of income has been restricted to the amounts recorded in the books of account, but reflects a true and correct record.

Audit Opinion

In our opinion subject to the above qualification the financial accounts present fairly the financial position of the MOORE CATCHMENT COUNCIL INC for the years ended 30th June 2011 and the results of its operations for the period then ended in accordance with applicable Statements of Accounting Concepts and applicable Accounting Standards.

NORTH MIDLANDS ACCOUNTING SERVICE

NE WOOLTORTON MNIA

23 MacPherson Street, Carnamah WA 6517 * PO Box 110, Carnamah WA 6517

Telephone: (08) 9951 1044 • Facsimile: (08) 9951 1227

Email: dwaynew@westnet.com.au * nmas@westnet.com.au
 BIOCHANGE PTY ETD *ACN 194 484 848 *ABN 38 996 867 284



2010 - 2011 Project Review

7 Projects:

7.1 Productive Saltbush Pastures to Combat Wind Erosion in the Eastern Moore

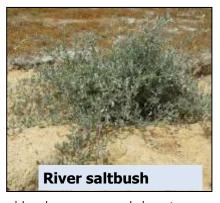
Caring for Our Country funding \$96,500 Project A03287G Time frame August 2009- February 2011

The latest saltbush project delivered by the Moore Catchment Council and Moora-Miling Pasture Improvement Group, and supported by the Northern Agricultural Catchments Council, has seen many more seedlings planted in the Moore River catchment than originally budgeted. The project, funded through the federal Caring For Our Country Natural Resource Management program, promised to plant around 144,000 saltbush seedlings on salt and wind erosion affected farms in the eastern catchment. Instead over 176,000 saltbush seedlings were able to be planted over 270ha thanks to the close involvement of Ian Pulbrook of Greenoil Nursery, Mingenew, who supplied seedlings and planting services.

Twenty farms were involved with installing the saltbush pastures, from Gunyidi down to Gabalong. Tony White, president of the MMPIG, says 'saltbush pastures are an important part of farming systems in this area. They will help drought proof your farm and protect the land from the natural elements whilst adding extra feed at critical times of the year.' The site preparation and planting methods are tipped to be the key for the good establishment seen even with the dry winter experienced. Tony explained 'we have had a great result all round due mainly to the mounding carried out in the saltier and lower lying areas, and this has helped transform previously unproductive areas into useful paddocks.' The project also hosted a successful







showcasing a new saltbush site at the MMPIG spring field day 2010

saltland pastures workshop in March and was a feature part of the MMPIG spring field days in 2009 & 2010

Rachel Walmsley of MCC says 'this is the second successful saltbush project delivered by the MCC in partnership with MMPIG. In the last three years,

over 307,000 saltbush seedlings have been planted in the Moore River catchment through these federally funded projects. The combination of a NRM group, a grower group and a nursery has helped deliver another fantastic result this year.' A project booklet and DVD are available from the MCC office on 9653 1355. For an online taster – visit www.youtube.com/MooreCatchNRMO

Page Projects: | N

Saltbush project results from all twenty sites



Site inspections four months after planting were carried out to see how well the saltbush had established. No two sites were the same but establishment had been overwhelmingly successful at the majority of the locations. Seedling counts revealed most sites had a >80% strike.

Photo points were set up for annual monitoring and interviews were conducted with each participant to document and gauge their opinion of their new pasture, the mounding and the project overall.







Brendon Pratt









Craig McLean



Amount Received as at 30 th June 2011	\$96,000.00
Amount expended as at 30 th June 2011	\$96,000.00
Balance of funds in project as at 30 th June 2011	\$0.00





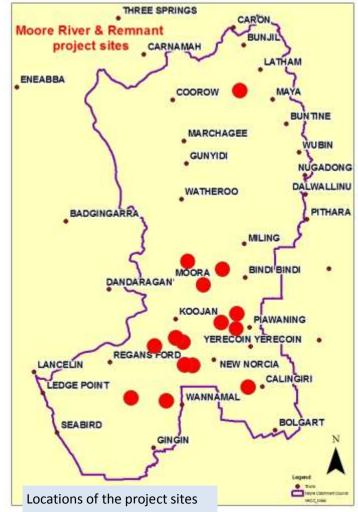
7.2 Recovery and Protection of the Moore River Catchment's Threatened Natural Assets

State NRM funding \$199,100 Project 09047 Time frame July 2010 - September 2011

Fifteen landholders in the Moore River catchment have now benefited from the funding available through the MCC's popular project 'Recovery

and protection of the Moore River
Catchment's threatened natural assets'. The state NRM funded project, which is running from August 2010 until September 2011, fully allocated all its available funding with 22.75km of priority native vegetation being fenced off and protected, 20km of the Moore River being fenced and 18ha of riparian zone being re-vegetated. A total of 476 hectares will be fenced off and conserved for the future.

The original project output targets had to be changed slightly to accommodate the demand of land managers wishing to fence and protect their patch of native bush. The funding has allowed these assets to be protected from stock which will help enhance and conserve them for the future. Clearing of the land for agriculture has seen much of the native vegetation disappear so protecting these assets for the future is vital for catchment's biodiversity.



The funding has also allowed MCC to contract the expert skills of Andrew Huggett, an esteemed ornithologist from NSW, who has carried out previous bird monitoring works in the catchment. He has conducted these additional surveys on a number of the project sites to help gauge the health of the vegetation and gather baseline data for future conservation projects.



One of the river sites that is being fenced and revegetated





One of the remnant sites which is being fenced and protected

The project is also involving Fiona Faulkner of Department of Environment and Conservation. Fiona is due to assess each of the project sites for the 'Land for Wildlife' status during the winter months. This is a voluntary scheme that aims to encourage and assist landholders to provide habitats for wildlife on their property.

Ingrid and Rachel will be busy in the winter months visiting all the sites and signing off works. Rachel went out mid April to a priority 4 remnant vegetation fencing site at Cranmore Farm near Roundhill. Kristin and

Tracy Lefroy have wanted to fence off this patch of remnant vegetation for some time. Kristin says 'we

wouldn't have been able to do these works without this financial help from the MCC and the state. Now this remnant has been fenced off from the stock, the bush will be able to regenerate and encourage more native birds and animals to come back.' Kristin is a 5th generation farmer at Cranmore Farm. He explains that conservation works on the farm started with his grandfather who started fencing a lot of the creek lines to help stop erosion and to enhance the biodiversity. Kristin says 'we want to carry on these conservation works throughout the farm as we can see the benefits for a sustainable farming future.'

As part of the project, an information day entitled 'value your natural assets' is being planned for the 6th July. It will feature speakers from Birds Australia, DEC, MCC, Roadside Conservation Committee and NatSync, and include a field visit to a nearby Chart Farm to see

Above: Kristin with his new fence that will keep the stock off this 37ha patch of remnant York and Salmon Gum woodland

the revegetation works Vern Bailey has carried out over the years.

MCC is seeking further funding from the state to help farmers fence off natural assets in the catchment as demand has been high.

Amount Received as at 30 th June 2011	\$199,100.00
Amount expended as at 30 th June 2011	\$ 66.007.44
Balance of funds in project as at 30 th June 2011	\$133,092.56

8 Workshops & Field Days

8.1 Moore Catchment Council OGM Field Visits Round Up

MCC OGM Field Visits Round Up

MCC was fortunate to be able to conduct their July 2010 OGM at the beautiful historic employee cottages at Alison Doley's farm 'Koobabbie' near Coorow. The meeting was followed by a tour of the naturally-saline wetland system (including a gypsum lake) on the western edge of 'Koobabbie', and sites of revegetation and surface water management.



From left, Duncan Peter, Alison Doley, John Longman, Lawrie Short, Jan Waite, John Braid and Peter Waterhouse in a stand of *Melaleuca uncinata* complex at the primary saline lake system.



Alison is on the steering committee of the Buntine-Marchagee Natural Diversity Recovery Catchment (BMNDRC) project, a DEC initiative responding to the threat of altered hydrology on biodiversity. (An article on the BMNDRC project follows.) In addition to her personal contributions to NRM at Koobabbie, including the first 50 km of fencing of remnant vegetation, Alison has received funding from the BMNDRC project, the National Heritage Trust and NACC's Saline Lands project.

Alison is active in the conservation of Carnaby's Black Cockatoo. The farm's salmon gum and gimlet woodland provides suitable nesting hollows, which are supplemented with 7 artificial nests, part of a trial that established their ready acceptance by Carnaby's Black Cockatoo. Nesting hollows occur in trees greater than 130 years old. They are in short supply since agricultural clearing and tend to be invaded by plague species of Corella and Galah, so Alison undertakes shooting and egg removal to improve the likelihood of successful breeding for the endangered Carnaby's Black Cockatoo.

The MCC's AGM was held at the Moora Bowling Club on Friday 1st October with a variety of

committee members and community attending. The positions of Secretary and Treasurer were up for reelection with Duncan Peter and Cynthia McMorran again putting their names forward and reprising their roles for another year. Praise was given to Helen Watkins and the NRMOs for putting together an informative and interesting annual report. Chris King and Shelley Spriggs from NACC were present and commented on the direction NRM is heading in the Northern Agricultural Region, and what MCC should be doing to stay in front.

Special guest speakers for the AGM included

Melanie Bainbridge from WALGA, who spoke extensively about her role as the Climate Change Coordinator, and what tools and training WALGA are offering to local government and groups.



Rosanna Hindmarsh from the Chittering Landcare Centre gave an in-depth and thought provoking presentation on how their region operates and where they receive funding from. Rachel and Ingrid from MCC gave a presentation round up of activities and projects MCC have been involved with over the last year.

The AGM ended with a great lunch provided by the bowling club, and was followed by an OGM.



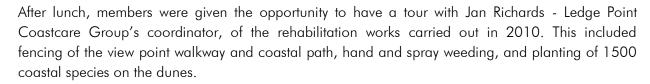
The Moore Catchment Council decided that a trip to the coast was in order for their Christmas lunch

and December OGM. Out of the three coastal towns in the catchment, Ledge Point was chosen so that the MCC members could look at the recent rehabilitation works carried out by the Ledge Point Coastcare group.

As an additional treat, Ashley Robb (NACC's Coastal Project Officer) was invited along to give a presentation on the projects currently being carried out all along the Northern Agricultural Region's coastline. He also outlined the issues and opportunities facing the MCC in the lower region.

A fabulous two course Christmas lunch followed the OGM, catered for by the Ledge Point Country Club, which gave

members a chance to discuss coastal issues in the region and also wear a Christmas cracker hat!



She also showed the group how on-going management is needed to keep on top of the weeds. Jan



has taken on her own patch of dune which she intensively looks after to prevent weeds like sea spinach and Pelargonium reappearing. Current activities for the group include seed collecting and commissioning of a dune rehabilitation plan and also a dune vehicle access plan, to aide future planning.



For the January OGM, the Moore Catchment council were invited to New Norcia to find out about the interesting history and also future activities to conserve this unique and wonderful place. After the meeting had concluded and a generous meat and salad lunch, Carmel Ross, the CEO of the New Norcia Benedictine Community gave a presentation that detailed how New Norcia came to be located here. Bishop Rosendo Salvado and Bishop Dom Joseph Serra founded the town in 1847 by creating a Mission and Monastery. They had followed the Moore river up from Perth and decided this was a good spot to build upon and



become self sufficient. The monks were granted 7500 hectares of freehold land which they developed into a town and profitable farming enterprise over the last 160 years.

Today, the town which has built up around the Monastery, is completely owned and operated by the Benedictine monks. This includes a hotel, service station and activity facilities. The monks are great collectors of documents and artifacts so it is believed that New Norcia is home to one of the greatest libraries in Australia. A great deal have not been catalogued as yet but hopefully one day Carmel

hopes.

The MCC thanks Carmel for her interesting presentation.

The total area owned by the monks now stands at 8375 hectares. Of this area, around 40% remains uncleared and will remain this way indefinitely. The farming enterprise consists of 6,300 sheep and grain production (wheat, canola, barley, oats, lupins).

MCC enjoyed a day out at Fini Olives near Reagan's Ford as part of the March Ordinary General Meeting. We were treated to a fabulous morning tea on arrival featuring an array of tasty cakes - including a chocolate cake to die for! The meeting then followed with discussions about relocating to the new office at Cunninghams, distribution of surplus equipment, purchase of new IT equipment and ideas for future projects. Both NRMO's also presented their work reports for the past few months. After the meeting's conclusion and a huge lunch, the group had time to browse the shop which sells all the different olive oils produced at the farm as well as shiraz and chardonnay wine from their small vineyard. They also sell other local wares including soaps, condiments and homemade cards. The farm manager was then on hand to show the group around the processing plant and explain how they get from tree to bottle. Currently Fini have 170,000 trees producing 11 different varieties of olive and over 510,000 litres of oil are produced a year. Fini export a large volume of their award winning oils abroad and have developed a good reputation despite being such a young grove (developed in 2000).

The location of the grove in the Moore Catchment and the Mediterranean climate received is ideal for olive production. The MCC thank Tony Fini and his team for the opportunity to look around his

olive grove.







The MCC had an Ordinary General Meeting on the 20th May at the bowling club in Moora. After the formalities of the meeting, the MCC drove out to AgCorp Moora Citrus on Prices Rd to have a tour of the orchard. The weather was very blustery with intermittent heavy showers but that didn't dampened our enthusiasm for the tour. Ross Milne, Orchard Manager and Andrew Hinton, Irrigation Manager met us on site and explained the orchard overview during lunch. The site is 210ha in total with about 2/3 already planted. There will be 170,000 number of trees when fully operational. The majority of fruit will be for export as table fruit as opposed to juice, but they will also supply to the local market. They have already supplied oranges to the local supermarkets which was met with high praise.

Then, dodging the rain, we set out to have a look at the various blocks of citrus - Navels (Lanes late, Washington, Newhall, Leng, M7, Navelina, Caraerea), Midnight Valencias, Imperial and Afourer Manderins. Ross showed us some orange fruit and offered it to try to show that it wasn't ripe as yet. The farm has been set up in blocks surrounded by wind break trees. They have also recently installed perennial grass (Rhodes) in the allies between the citrus to help control wind erosion and also reduce summer temperatures and reduce evaporation around the trees. Ross utilised the NACC incentive scheme for part of their perennial establishment.

We also had a look at the irrigation system which is centred around a huge 28 mega litre capacity dam. The orchard is set up using two irrigation systems - Galcon and Auto Agronom. The first one is a standard irrigation system and the second uses a tensiometer which decides when the tree needs water and nutrients by measuring how much moisture there is in the soil.

The afternoon proved very informative and we shall certainly go back when the orchard is in full production. Thanks to Ross and Andrew for showing us around.









Workshops & Field Days | Moore Catchment Council Annual Report 2010/2011



Coastal Activities

The Moore Catchment Council is contracted by NACC to deliver their federally funded Coastal Engagement program on the MCC's section of coastline that encompasses Guilderton, Seabird and Ledge Point. This has involved organising extension events, liaising and providing funding information to the various coastal groups, and helping to coordinate community conservation activities. Some of these activities are detailed below:

Many lend a hand for Clean Up Day in Ledge Point

Ledge Point is looking discernibly tidier after a huge number of community members turned out for the annual Clean Up Australia event on the 6th March. Jan Richards of the Ledge Point Coastcare Group organised the event which over the past few years has attracted around 8-10 volunteers. Jan couldn't be present on the day and so left Rachel Walmsley of the Moore Catchment Council (MCC) to run the Sunday morning event.

Rachel said 'we had expected around 8 volunteers to come and help, so when 42 attended we were

positively overwhelmed.' Luckily Jan had been stockpiling bags and gloves supplied from Clean up Australia through the years so there was plenty of equipment for all. The volunteers ranged from small children to adults including local residents and visitors. Some were holidaying in Ledge Point for the long weekend including Suzanne Jackson from Hawkesbury, NSW who decided to join in. She says "I was keen to be involved in Clean up Australia Day wherever I happened to be. Luckily for me I was holidaying at the gorgeous Ledge Point and loved the opportunity with cleaning it up to help keep it as nature intended!"



Above: Rachel (MCC) and Suzanne Jackson from NSW who came to lend a hand with the clean up

Volunteers were rewarded with a certificate of participation each and a lucky few also received passes to the Naturaliste Marine Discovery Centre (courtesy of the NMDC), and also free drinks and icy poles courtesy of the Beach Sands shop at Ledge.

All in all over 45 bags of rubbish were picked up throughout the town site including the main beach



and adjacent dunes. Rachel said 'an audit was carried out on a number of bags to see what had been discarded, with the main items collected being glass beer bottles, bottle tops and plastic wrappers.' Rachel continued 'I'll never understand why people can't just take their rubbish home rather than leaving it to become a health hazard and eye sore!' Among the

Left: a number of families holidaying in Ledge came along and helped pick up rubbish on the beach and dunes



rubbish were a few interesting items including a huge piece of carpet, trampoline and a number of bongs which must have been discarded by some young holiday makers enjoying the long weekend.

Rachel said 'Thanks to all those volunteers that took part, including those who picked up rubbish in the days leading up to the 6th. It was a magnificent effort and Ledge looks better for it with just a few hours work done by many. We are certainly looking forward to next year's event.'

Additional photos are available through the Moore Catchment Council's Facebook page. Further information regarding upcoming coastal activities in the Moore catchment is available from Rachel at MCC 9653 1355 or mcc.nrmo@bigpond.com

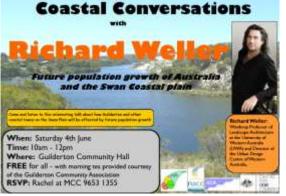


Above: Sally and Wally Cahill with their clean up day participation certificate

Guilderton crowd enjoys Coastal Conversation event

Around 35 local community members gathered on Saturday 4th June in the Guilderton community hall to listen to Richard Weller speak about future population growth trends of Australia and its implications closer to home.

Richard, who is a Winthrop Professor of Landscape Architecture at the University of Western Australia and is Director of the Urban Design Centre of Western Australia, started out by explaining the population growth models of



A Filmon a No. of the

Above: Richard sets the scene by saying there will be 6.5 - 10 billion people in the world by 2050 with most housed in cities

Australia predicted by the Australian Bureau of Statistics (ABS). The upper prediction of 42 million by 2056 is an increase of over 20 million people who will all need to be accommodated somewhere in Australia. Richard said 'this extra 20 million can be visualised by having to build 12 extra Perths or 5 more Sydneys to accommodate an extra 8.7 million houses'.

Richard went on to explain how CSIRO concluded in 2002 that there was only food, water, land and energy to provide a moderate lifestyle for 50 million people. Richard added that 'Perth is the most sprawled city on earth. Western Australians living a moderate

lifestyle on a half hectare block in suburbia using all mod cons in fact impacts ecologically the equivalent of 14.5ha per person (58ha for family of 4) which is way above the 2.2 ha of the world average'.

Richard then talked about provision of energy for this increased Australian population. Richard said 'in order to power 42 million people using alternative energy, we would need a 9 million hectare wind farm, or a 255,000 hectare solar plant or 100 nuclear reactors'. He continued 'in addition 3.5



billion trees need to be planted to replace cleared remnant vegetation and sequester carbon'.

Richard then showed the group models of how MCC) thanks the predicted population of 4.2 2056 million WA could accommodated. One model showed Australia dream of everyone living no more than 2km (25 minutes walk) from the beach and this



the Above: Richard talking about landscape designs to achieve the most efficient modern cities

resulted in a continuous urban coastal strip between Dongara and Dunsborough. Richard also

which promoted much debate from the group.

showed a possible scenario for Guilderton's population growth

Above: Rachel (MCC) thanks everyone for coming to the event

This event was organised by the Moore Catchment Council (MCC) as part of the Northern Agricultural Catchments Council's (NACC) federally funded Caring For Our Country Coastal Engagement program.

Rachel Walmsley of MCC says 'it was great to see so many local people here for this event. Richard 's talk was thoroughly interesting and thought provoking, and feedback from the participants has

been extremely positive. I'd like to personally thank Richard for his time and the Guilderton Community Association for helping to organise and providing morning tea'.

Community weeding and planting weekend at Ledge

The last weekend in June is Ledge Point Coast Care group's annual weeding and planting weekend this year the 25th/26th June. Jan Richard, Ledge Point Coast Care group coordinator, rallied support from locals and weekenders to come and volunteer for a few hours Saturday and Sunday morning. Saturday was spent tackling the weeds growing up amongst the natives on the dune system between the lookout and the beach access below Key Biscayne Park. Onion weed and pelargonium is a particular favourite of Jan's to remove. Many bags of these weeds were dug up and disposed of.

Planting day was on Sunday morning which attracted several volunteers to come and dig some holes. Rachel from MCC came along armed with a spade and 10 trays of plants. Seedlings funded through the recent Coastwest project and provided by NACC were being planted which included Olearia, Scaevola, Rhagodia, Eremophila and Threlkeldia. The Coastwest funding allowed some seed collecting to be carried out on the dunes last year and plants propagated by a local nursery. These included the Rhagodia, Eremophila and Threlkeldia being planted.



Above: Jan enjoying digging up weeds



The areas being planted this year included infill planting on an old pathway which was revegetated last year, and planting over an old beach access. This old access is being fenced off to help guide people along the correct path to help reduce erosion.

After planting, tree guards were put around the seedlings to protect them from the elements. These will be removed when the seedlings are well established. With the promised wet weather on the way these seedlings will hopefully get their



Above: Karen planting Scaevola on the path

roots down quickly. A photopoint of last year's revegetation on an old pathway shows many plants have thrived and also lots of self sown ones have filled in the gaps.

Jan rewarded all the hard working volunteers with a cuppa and chocolate biscuits which was much appreciated. Thanks to everyone who came along and helped, and we look forward to next year's planting.





Above: Yearly photopoint shows good annual growth



Above: The volunteers put tree guards around the plants to help protect them



Rabbit Suppression Project



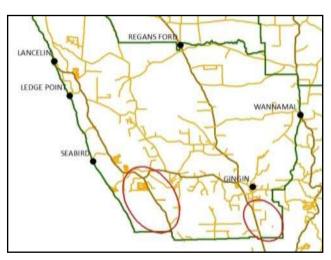
A few rabbits are too many! Rabbit Information Sessions

Rabbit information sessions were conducted by Ingrid at Gingin and Woodridge on 13 March 2011. The workshops were supported by NACC, with Greg Burrows (Biodiversity Project Coordinator) and Marieke Jansen (MERI Coordinator) in attendance. Ken Talbot

(Biosecurity Officer, Department of Agriculture and Food) was on hand to answer any queries. The purpose of the sessions was to increase knowledge and awareness of the impact of rabbits on the natural environment, and to promote the NACC Rabbit Suppression incentive program.



(photo above) Rabbits damage remnant vegetation and inhibit recruitment of new plants. This is critical in locations were rare and endangered flora is present.



(map above) NACC Rabbit Suppression target areas selected to protect EPBC-listed flora.

In 2010 - 2011, the NACC Rabbit Suppression incentive program was focused on designated target areas, as shown in the map above. The target areas were selected to protect rare and endangered flora, listed by the Federal Government under the Environmental Protection and Biodiversity Conservation (EPBC) Act.

The following species were targeted:

- Eleocharis keigheryi
- Grevillea curviloba subsp. curviloba
- Chamelaucium sp. Gingin (Gingin Wax)
- Eucalyptus argutifolia (Yanchep Mallee, Wabling Hill Mallee)
- Ptychosema pusillum

Workshops & Field Days | Moore Catchment Council Annual Report 2010/2011

The workshops covered the following topics:

European Rabbit in Australia

- Origins
- NRM Impact

Reproduction

Biological Control Agents

- Myxomatosis
- Rabbit Haemorrhagic Disease Virus (Calicivirus)

Rabbit Control Options

- Poison Baiting 1080
- All About 1080
- Restrictions for Baiting with 1080
- Requirements for Laying 1080 Bait
- Baiting using Bait Stations
- Warren Destruction
- Warren Fumigation

NACC Incentives for Rabbit Suppression



(above) Laying a small trail of clean oats to entice rabbits to eat the poisoned oats within a station.



(above) One of numerous fumigated warrens within a vineyard adjacent to remnant vegetation in which EPBC-listed flora is located.

As a result of the workshop and follow-up promotion, we have signed up 10 landholders to undertake rabbit suppression within the target areas. Pindone bait has been laid in bait stations, and warrens have been fumigated, as shown above. This has been the preferred method of control in the smallholdings of the target areas.









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9 Moore Catchment Council Staff

9.1 NACC Incentives Delivery

NACC Incentives Delivery

MCC are contracted by NACC to deliver various Caring for our Country funded incentives in the wind erosion and rabbits programs.

Wind erosion

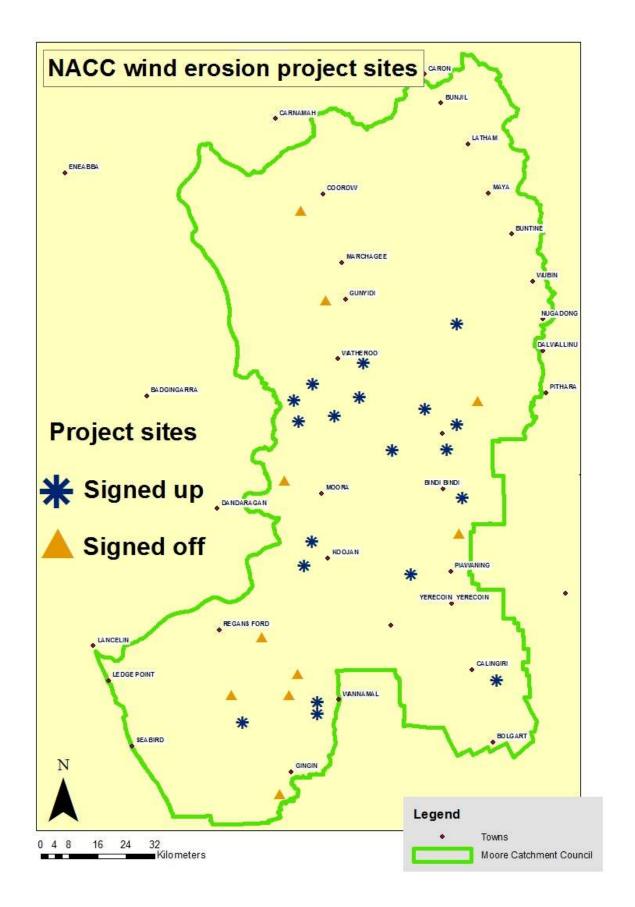
Rachel and Ingrid have been busy delivering this program throughout the past 12 months. The wind erosion program has now just completed its second year with two more years let to run. The saline land incentive has been popular this year especially in the light of the dry summer highlighting the need for perennial fodder shrubs and also with the success of the saltbush projects run in partnership with the Moora-Miling Pasture Improvement Group.

Tasks for the NRMOs have involved signing off completed projects that were signed up in the 2009-2010 period and also signing up new landholders carrying out projects in the 2010-2011 period. Landholders are also allowed to defer projects for one year if needed. Extension events - MCC helped NACC run a Carbon Information Workshop in March and have organised a perennial workshop and field walk to run in July in Wannamal. This day will feature technical advice from Phil Barrett-Lennard (Agvivo) and Geoff Moore (DAFWA), and a field walk at a local farm to look at perennial grasses.

2009-10 (yr 1) & 2010-11 (yr 2) projects completed & signed off	No. of sites	Area planted (ha)	Length fenced (km)	Area protected (ha)
Perennial Pastures	7	596	10.4	596
Tree Crops	4	139	-	139
Saline Land	0			
Strategic Revegetation	0			

2010-11 (yr 2) projects signed up to be carried out 2011 or 2012	No. of sites	Area to be planted (ha)	Length to be fenced (km)	Area that will be protected (ha)
Perennial Pastures	5	290	0	290
Tree Crops	3	55	-	55
Saline Land	17	207	17	453
Strategic Revegetation	1	10	3	10







9.2 NRMO Annual Activities

MCC annual activities 2011 - 2012

July

NACC Wind Erosion

NACC regional meeting and media training, Dongara

Conducted 1 NACC site assessment visit, Red Gully

Technical site visit for perennial pastures, Coorow

Prepared a perennial pastures and a fodder shrubs management agreements

NACC Coastal

Ledge Point dune project meeting and making of promotional video

NACC Rabbits

Wrote NACC Rabbit Suppression site management plan template for warren fumigation

Discussed rabbit control with Ken Talbot, DAFWA Biosecurity Officer, Gingin

Site assessments, Gingin

MCC River & Remnant project

Advertising project out

Developed rivercare and remnant vegetation site management plan templates

MCC saltbush project

Coordinated MCC saltbush project planting of 20 sites

MCC general

MCC HR meeting

MCC OGM - Buntine-Marchagee Natural Diversity Recovery

Catchment project

Other

Moora-Miling Pasture Improvement Group meeting

Moora Show meeting

Community tree planting with YYCMG near Wubin

Helped farmer with Envirofund report

MMPIG winter party

Evergreen Field Walk, Regans Ford and Lancelin

Prepared photos and articles for MCC Annual Report



August

NACC Wind Erosion

Conducted 2 site assessment visits, Moora and Gunyidi

Site assessment for NACC oil mallee project, Bindi Bindi

Site visit for perennial pastures to amend area to be planted due to dry season, Gillingarra

MCC River & Remnant project

Conducted 2 site assessment visits, Roundhill and Waddington

Developed rivercare and remnant vegetation site assessment templates

MCC general



MCC HR meeting

Wrote articles for current and next MCC newsletter MCC winter Moore to the Point newsletter distributed Swapped 4x4 hilux for 2x2 version

Other

Moora-Miling Pasture Improvement Group meeting
West-Koojan Gillingarra LCDC meeting
Had a display at Dalwalinu Show
Tour of the Buntine-Marchagee Natural Diversity Recovery

Catchment with NACC, DEC, and Aust Govt representatives

Prepared CFOC Community Action Grant application for West Koojan-Gillingarra LCDC



September

NACC Wind Erosion

Conducted 3 site assessment visits at Coomerdale, Namban and Calingiri Technical site visit for fodder shrubs, Coorow

MCC River & Remnant project

Site visits and writing management agreements

Technical site visit, Calingiri

Technical site visits and prepared management agreements, Gillingarra x 2

MCC saltbush project

Inspections of new saltbush pastures for MCC saltbush project Developed booklet and video

Showcased new site at MMPIG spring field day

Other

Sandalwood/brushwood day, Northam Native Grasses workshop, Coorow Had a display at Moora Show and gave away seedlings MMPIG spring field day



October

NACC Wind Erosion

Contacted EOI landholders for 2011 season

Fodder Shrubs technical site visit and management agreement preparations, Gillingarra

MCC River & Remnant project

Conducted 1 site assessment visit

Wrote variation to acquire more remnant fencing funds

Press release sent to Advocate

Technical site visits and prepared management agreements, Calingiri and two at Gillingarra

MCC saltbush project

Signed off 1 MCC saltbush project site

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Developed video and booklet

MCC general

MCC AGM & OGM, Moora

MCC HR meeting

MCC Summer Moore to the Point newsletter written and distributed

Other

MMPIG meeting

NACC strategic planning workshop, Moora

Inaugural meeting of Gingin Water Group

Participated in DEC Nature Conservation Muster to speak about groundwater hydrology and restoration works at Gillingarra



NACC Wind Erosion

NACC Strategic Revegetation training, Perenjori

1 site visit, Moora

2 sign-offs, Gunyidi and Miling

Wrote up agreements

Fodder Shrubs technical site visit and management agreement preparations, Watheroo

Strategic Revegetation management agreement preparations for Namban, Walebing and Gillingarra

MCC River & Remnant project

Management agreement preparations, Gillingarra

Technical site visits and management agreement preparations. Calingiri and Gillingarra

Two technical site visits in New Norcia

MCC saltbush project

18 site visits to sign off works and conduct video interviews Put together media video

Other

Gingin Water Group committee meeting

Gingin Water Group meeting with Dept of Water to discuss groundwater hydrology

Contributed to draft Gingin Water Group Charter

Prepared a bibliography of relevant literature for the Gingin Water Group



NACC Wind Erosion

Sign off 1 project

Conducted 1 site assessment

Fodder Shrubs technical site visits and management agreement preparations for Watheroo, Pithara West and Buntine

Strategic Revegetation site visits for Walebing and Pithara West

NACC Coastal

Ledge Point coast care project meeting, Ledge Point

MCC River & Remnant project

Wrote quarterly report for state NRM office





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1 site assessment in Wannamal

Additional technical site visit and revised management agreement, Gillingarra

MCC saltbush project

2 site visits to sign off works and conducted video interviews

Finish constructing and editing saltbush film

Made shorter You Tube edit and put online

Made project booklet – send to publishers

Made photopoint packs

Write final report for CFOC

Wrote media release for Advocate and Farm Weekly

MCC general

MCC OGM, Ledge Point

edited and distributed summer newsletter

Other

NACC Xmas dinner and regional team meeting

Grants submitted for state funding:

'Encouraging the uptake of woody perennial establishment in the eastern NAR' and 'Rehabilitation of the eastern Moore River catchment using sustainable saltbush pastures'

Helped organise fox shoot in Miling 4th/5th Feb

Site visit for West-Koojan Gillingarra LCDC project "Restoration and Enhancement of a Moore River Tributary Damaged by Floods" with Mike Johnson (DoW)

West-Koojan Gillingarra LCDC meeting



NACC Wind Erosion

Sign off 3 projects – Moora, Wannamal, Regans Ford Organised perennials workshop (14th/15th Feb) and getting farmers to go

Sign off 1 devolved grant project

NACC Coastal

Contacted all coastal groups to build relations

MCC saltbush project

Saltbush final report – finished and sent

MCC general

MCC HR meeting

MCC OGM, New Norcia

Other

Site visit for West-Koojan Gillingarra LCDC project "Restoration and Enhancement of a Moore River Tributary Damaged by Floods" with Mike Johnson (DoW)

Prepared 3 applications for State NRM Program Community Grants:

West-Koojan Gillingarra LCDC – "Ensuring the long-term effectiveness of saltland reclamation adjacent to the Moore River, Gillingarra"

MCC – "Improving habitat and connectivity in the farming landscape for birds in the Moore River catchment"

Gingin Water Group – "Working together to ensure the long-term sustainability of water resources in the greater Gingin area"

Gingin Water Group information day for committee







February

NACC Wind Erosion:

NACC training - CMS and reporting

Helped organise NACC Grazing Management Course

5 site assessment visits – Gingin, Watheroo, Yerecoin, Namban, Calingiri

Planning for possible field day in Gunyidi

Perennial Pasture (tagasaste) sign-off, Coorow

Technical site visits to 2 farms for Perennial Pastures and Strategic

Revegetation, Regans Ford

NACC Coastal

Visit to Terri (Lower Moore Working Group) to discuss possible events Also visit Ledge Point to look at clean-up sites

Sent letter to Gingin Scouts to see if they want to be involved with an event

Helped Jan (Ledge Point) organise clean up Day 6th March

Phone calls/emails with Linda/Madeline (Guilderton Community Association) re possible events

Talked to Keith Brown at Seabird about possible project

Organised Richard Weller Coastal Conversation event in Guilderton 4th June

Ran Clean up day 6th March – 39 attended !!!

NACC Rabbits

Organised Rabbit information day in Gingin and Guilderton, and prepared PowerPoint presentation Modified management agreement and site management plan templates to reflect changes to incentive

MCC River & Remnant project

Drew up agreement for 2 project sites

Additional site visit to change fenceline, New Norcia

Other

Helped organise Miling fox shoot with Richard Topham (NACC sponsored \$100)

Inspected new MCC offices

Sent out Summer newsletter by post

Sent NACC incentive article to Advocate and Gingin community news

Sent fox shoot article to Advocate

Conservation Volunteers representative came to office to discuss possible events

Attended MMPIG AGM event with Peter Nixon – a success! Met new farmers and contacts

Helped to organise 2 extra fox shoots – Miling again and Watheroo (both 6th March)

Organised to attend Yued career expo 16th March

West-Koojan Gillingarra LCDC meeting

Attended Gingin Water Group information day for general public

March

NACC Wind Erosion

4 site assessment visits – Coomberdale, Namban, Gingin, Piawaning, wrote up management agreements

Perennial Pasture technical site visit and management agreement preparations, Coorow

Perennial Pasture, Strategic Revegetation, Saline Lands and Tree Crops technical site visit and management agreement preparations, Bolgart

Perennial Pasture technical site visit, Dandaragan

Saline Lands technical site visit, Piawaning

NACC NRMO teleconference





NACC Coastal

Wrote clean up day press release and sent out Organised Coastal Conversations event in Guilderton 4th June.

MCC River & Remnant project

1 site visit at Piawaning

Liaised with Andrew Huggett for bird survey in early May

MCC general

MCC HR meeting

MCC OGM - Fini Olives, Regans Ford

Moved offices 24-25th March

Wrote and sent out Autumn Moore to the Point newsletter

Other

Robin Nielson (CFOC rep) visit and field tour

Wrote up 2 grants for DEC funding - one for more Moore fencing and one for a school camp More site visits for West-Koojan Gillingarra LCDC project "Restoration and Enhancement of a Moore River Tributary Damaged by Floods" to clarify fenceline

Gingin Water Group committee meeting

Had a display at Yued Careers Day, Moora

April

NACC Wind Erosion:

NACC NRMO teleconference

NACC Farm NRM Planning training in Three Springs Helped organise NACC Carbon workshop, Moora

6 site assessment visits, 4 survival count visits for perennials

Perennial Pasture sign-off, Coorow Strategic Revegetation and Perennial Pasture technical site visit

and management agreement preparations, Coorow

NACC Rabbits

Signed up 7 landholders for free rabbit control and organized contractor to undertake works

Contacted DEC for permission to undertake rabbit control in Breera Road Reserve for next year

MCC River & Remnant project

Sign off 1 bush fencing project

Organized for bird survey to be carried out

Established communication with Cheryl Gole of Birds Australia re Important Bird Areas wholly or partly within Moore Catchment boundary and possible combined workshop 3 completion sign-offs

Other

Small project application for DEC funding: fencing of ridgeline remnant York gum woodland West Koojan-Gillingarra LCDC meeting

May

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NACC Wind Erosion

1 perennials survival count visit

NACC NRMO teleconference

Additional site visit and correspondence for Fodder Shrubs and Tree Crops, Bolgart

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Site inspection and sign-off for Perennial Pastures, Gillingarra

MCC general

MCC OGM – visit to Moora Citus

MCC meeting to discuss NACC milestones

MCC presentations to Victoria Plains Shire and Coorow Shire

Other

NACC Dealing with Invasive Weeds workshop, Gingin

Gingin Water Group Committee meeting



June

NACC Wind Erosion

NACC NRMO teleconference

2 site assessments - Latham, Miling

Planning perennial pasture workshop in Wannamal for 12th July

Site inspections for Perennial Pastures, Gillingarra and Wannamal

Site assessment for Perennial Pastures, Koojan

NACC Coastal

Ran coastal conversation event in Guilderton with Richard Weller -36 people attended

Did media release on coastal conversations event

Ledge Point community weeding/planting weekend – 8 people involved

Did media release for planting day and sent out

NACC Rabbits

Distributed flyers to target area via Gingin Post Office and put up posters on Shire noticeboards

Liaised with contractor

Signed up 4 new landholders

MCC River & Remnant project

Planned info day 'Value your natural assets' for Piawaning 6th July – booked speakers, booked venue and catering, flyer sent out, survey made up, visit field site with Vern Bailey_Put in extension for R&R to state for \$100k more funds

13 EOIs already so hoping we get it

Wrote quarterly report for project for state office

1 site visit

Prepared map of IBAs in Moore Catchment for Bird Australia poster

MCC general

MCC presentations to Moora Shire and Gingin Shire

Other

MMPIG meeting

Meeting with Moora Shire to discuss projects

Piawaning-Yerecoin LCDC AGM

Put in for CFOC grant on diverse fodder shrubs

Visit to WK-G LCDC project site with Mike Johnson DoW

Put together winter newsletter

Fixed roo damage on ute

Put together CFOC community grant for Enrich fodder shrub demo sites

Ordered trees for Moora Show, booked site, received trees, BRJV to sponsor

Preparation for Gingin Water Group project





9.3 NRMO Project funding

NRMO Wind Erosion Project funding

Amount Received as at 30 th June 2011	\$200,000.00
Amount expended as at 30 th June 2011	\$200,000.00
Balance of funds in project as at 30 th June 2011	\$0.00

All Project funding is for the total amount of funding received for the project not just the year being reported on.

10 New Grants

State NRM funds Improving habitat and connectivity in the farming landscape for birds in the Moore River catchment. \$31,350



Improving Habitat and Connectivity in the Farming Landscape for Birds in the Moore River Catchment

MCC is pleased to announce success in their application to the State NRM Program 2011-12 Community Grants. Funding has been made available for "Improving Habitat and Connectivity in the Farming Landscape for Birds in the Moore River Catchment".

Recent projects in the Moore River Catchment have contributed to protecting habitat and improving habitat condition through fencing of remnant vegetation and revegetation, as part of a wider landscape design objective to enhance ecological connectivity. The new project builds on previous work by demonstrating, through bird monitoring, the effectiveness of fencing of remnant vegetation and revegetation for enhancing habitat value. Bird surveys provide information to develop conservation strategies for the birds themselves and for the habitat (sources of foraging, nesting and refuge) used by the birds, as well as serving as a proxy for other less noticed but equally important animals.

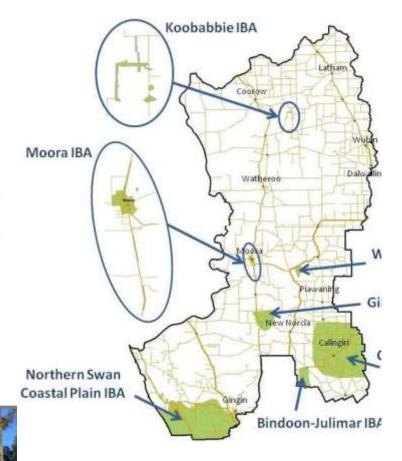
The project will provide new baseline data for alternative areas of revegetation such as fodder shrubs, as well as follow-up data from previous studies to demonstrate the effectiveness of efforts to protect habitat and improve habitat condition through fencing of remnant vegetation and revegetation. Incentives will be provided to landholders for fencing and revegetation of strategic sites identified through the project.



Important Bird Areas in the Moore River Catchment

Birds Australia has identified seven Important Bird Areas (IBAs) in the Moore River Catchment. IBAs are places that are critical for the survival of special birds, such as birds that are vulnerable because they are rare and threatened e.g. Carnaby's Black Cockatoo.

Of the 23 IBAs designated for Carnaby's Black Cockatoo, 7 are wholly or partly in the Moore River Catchment, making the catchment an



extremely important place for this Endangered bird.
Feeding and nesting habitat for Carnaby's Black
Cockatoo occurs on public land such as nature and road
reserves, and on private land such as farms, and even
backyards in the town of Moora.

<u>Left</u>. Salmon gums (just outside Moora) provide nesting hollows.

Adopted by resolution at the 30th September, 2011 AGM