Government of **Western Australia**
Department of **Mines and Petroleum**

Lead Agency Project Proposals 2012

Projects requiring a higher level of service (Levels 2 or 3)

Revised - February 2012

DMP Lead Agency Mining Projects* February 2012

Project no.#	DMP projects	DMP Project coordinator	DMP contact officer(s)	Project approval information
***LEAD AGENCY MINING PROJECTS – Projects requiring a higher level of service (Levels 2 or 3).**				
1.	Tropicana Gold Project (Tropicana Joint Venture - AngloGold Ashanti Australia 70% Independence Group NL 30%)	Nick Galton-Fenzi (Kalgoorlie) Graham Cobby (Perth)	Janice Goodwin (Tenure) Eugene Bouwhuis (Perth)	State EPA approval completed 24 Sept 2010. FID approved Nov 2010. Commonwealth EPBC Act approval completed 13 Dec 2010 with offset conditions. A range of State and local government approvals required for construction of 225km road, borefield, pipelines, airstrip, accommodation village, power station and mine plant. Road and borefield construction (Stage 1) completed. Some rain delays during 2H 2011. 17 Mining Proposals submitted to date with 13 approved, 3 pending and 1 Mining Proposal under assessment. The project is on track for gold production in 2013.
2.	Polaris Metals (MRL) (Yilgarn Iron Ore Project)	Lee Hassan	Paola O'Neill (Tenure) Mike Freeman	Mining of ore at Carina commenced in April 2011. The first ore was railed from site to Kwinana on 31 October 2011 and the first shipment left Australia on 17 November. Construction of main crusher and stockyard facility continuing (currently crushing with mobile crusher). Drafting of Carina Extended mining proposal well advanced. Discussions continue on the way forward for planned exploration work at Bungalbin and J4.
3.	Toro Energy – Wiluna Uranium Project (Lakeway and Centipede)	Rachel Maiden	Graham Cobby	Uranium mining project proposal. Currently undergoing WA EPA and Commonwealth EPBC Act environmental impact assessment (ERMP level) processes. ERMP public consultation process started 25 July for 14 weeks (31 October 2011). Public submission process closed. Project proposal on track for finalising EIA process 1Q 2012. Government decision 2Q 2012. Production planned for 2013.
4.	Cameco/Mitsubishi - Kintyre	Rachel Maiden	Graham Cobby	Uranium mining project proposal. Currently in WA EPA and Commonwealth EPBC Act environmental impact assessment (ERMP) approvals processes. (Referred September 2010). Undergoing pre-feasibility studies. Extensive consultation with Martu people.
5.	Mega Uranium – Lake Maitland Project	Rachel Maiden	Graham Cobby	Uranium mining project proposal. Currently in WA EPA and Commonwealth EPBC Act environmental impact assessment (ERMP) approvals processes. (Referred November 2009). EPA/ DMP site visits May 2011. Draft ERMP submission on hold.
6.	Energy and Minerals Australia – Mulga Rocks	Rachel Maiden	Graham Cobby	Uranium mining – pre-submission consultation stage. DMP site visits June 2011.

DMP Lead Agency Mining Projects* cont...

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***LEAD AGENCY MINING PROJECTS – Projects requiring a higher level of service (Levels 2 or 3).**				
7.	Sandfire Resources Doolgunna Project	Tony Bullen	Justin Robins	The Doolgunna Copper-Gold Project (DeGrussa) is located 900km north of Perth and approximately 150km north of Meekatharra in the Peak Hill mineral field of Western Australia. On DEC purchased Doolgunna Pastoral Lease but Government agreed to exclude advanced projects from proposed conservation park. ILUA between GinGirana people and Sandfire registered with NNTT on 24 January 2012. Mine construction start April 2011. DFS June 2011. First production (DSO) planned 1H 2012.
8.	NDS1 Project (BHPB)	Eugene Bouwhuis	Demelza Dravnieks	Billiton Nickel West Disseminated Sulphites Project Phase 1 (NDS1). Major expansion of existing Mt Keith operation.

WA Petroleum Projects

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***LEAD AGENCY PETROLEUM PROJECTS – Projects requiring a higher level of service (Levels 2 or 3).**				
1.	"Collie Hub" CCS Project	Dominique van Gent (CCS Projects)	Jeffrey Haworth	Carbon Capture and Storage Project. A Carbon Capture and Storage Project involving companies from the South West investigating the potential to store CO2 in the Lesueur Sandstone of the Southern Perth Basin (on the Swan Coastal Plain between Bunbury and Pinjarra). The Hon Martin Ferguson MP, Federal Minister for Resources and Energy and the Hon Norman Moore, Minister for Mines and Petroleum announced on 11 June 2011 that t his project has been accepted as a National CCS Flagships Project. Initially $52 million has been allocated to progress investigations of the suitability of the Lesueur. A separate National Geoscience Agreement has been signed to progress seismic work (completed in March 2011) and stratigraphic well drilling will commence in February 2012. A community consultation committee was established in the 3rd quarter of 2011.

Commonwealth Petroleum Projects - From 1 January 2012, petroleum activities in Australian Commonwealth waters are regulated by the National Offshore Petroleum Titles Administrator (NOPTA) and the National Offshore Petroleum Safety and Environmental Management Authority (NOPSEMA). DMP will provide input through the Commonwealth - Western Australian Joint Authority for petroleum and geothermal projects in Commonwealth waters.

Project no.#	Commonwealth Petroleum Projects	Project approval information
1.	Pluto LNG Expansion Project Trains 2 & 3 Woodside	The Pluto LNG project is located 190km north-west of Karratha, Western Australia, in the Northern Carnarvon Basin. The project is a joint venture between Woodside, the operator, which has a 90% interest, and Tokyo Gas (5%) and Kansai Electric (5%). The foundation project will process gas from the Pluto and neighbouring Xena gas fields. The first LNG shipment is now scheduled for March 2012.
2.	Wheatstone LNG Development Chevron Australia Pty Ltd	Chevron Australia , in conjunction with Apache and KUFPEC, plans to construct and operate a two train liquefied natural gas (LNG) facility and domestic gas plant at the Ashburton North Strategic Industrial Area, 12 kilometres west of Onslow on the Pilbara coast of Western Australia. The initial capacity is expected to be two trains of 8.9 million tonnes per annum. Eventually the Project could expand to produce up to 25 million tonnes per annum of LNG. The Project requires the installation of gas and condensate gathering, processing and export facilities offshore and onshore. A final investment decision on the Project was announced in September 2011 and pre construction work is underway. First LNG shipments are planned for 2016. The foundation project will source it's gas from the Wheatstone, Julimar, Brunello and Lago fields.
3.	Scarborough LNG Project ExxonMobil	ExxonMobil / BHPB (50/50 JV) with ExxonMobil as the operator. Evaluating development options. Financial investment ddecision anticipated in 2012. The project could be fed into expanding either the existing North West Shelf production or in Chevron's Wheatstone project. It is still unclear whether it will be developed as a standalone project or the gas tied-in to the existing ones. WA premier Colin Barnett has stated the government's preference is for the project to "end up somehow integrating with Pluto or North West Shelf."
4.	Ichthys Gas Browse (Inpex)	FEED studies underway. FID is expected to be made in Q4 2011. First shipment expected in Q4 2016.
5.	Prelude Floating LNG Project (Shell)	Located 200km offshore WA the Floating LNG facility will be the world's first FLNG facility. Project Final Investment Decision (FID) was announced 23 May 2011. Applications for the Prelude FLNG Field Development Plan/ Production Licence WA - 44 - L and Infrastructure Licence WA - 2- IL granted 20 May 2011 by Joint Authority. Safety zone application expected 2013. Safety Case / Environment Plan required. Start up expected 2016.
6.	Browse LNG Project Woodside	The Browse LNG Development is currently entering the front end engineering and design phase (FEED). Woodside's Board approved FEED entry in February 2011 and FEED contracts have been awarded for the major pieces of infrastructure required to build Browse. The Browse Joint Venture is planning to make a final investment decision by mid -2012, and process first gas from Browse by 2017. Upstream facilities include two deepwater tension leg platforms in approximately 500-700m of water, central gas processing and compression facility in approximately 100m of water, 326km of inter-field pipelines and 930km of export pipelines.

OTHER WA RESOURCE PROJECTS:

Key DSD lead agency resource projects where DMP provide approval agency services.

Project no.#	Project	Key legislation	Project information
1.	Roy Hill Iron Ore & Infrastructure	State Agreement Act	Located 105km north-east of Newman in the Pilbara region of Western Australia. The project will consist of: Mining operation for 55Mtpa hematite iron ore; Crushing, screening and processing lump and fines products; Stockpiling and train loading; A 370km standard gauge, single line, dedicated heavy-haul railway from the mine site to Port Hedland; Port facility located at Port Hedland for receiving, stockpiling, screening and an Automated Operations Centre in Perth. A special railway license (SRL) was granted 5 July 201. Project construction is planned for mid 2013 and first shipment of ore 2Q 2014.
2.	Yeelirrie Uranium Project BHPB	State Agreement Act	Uranium mining project – Development of an Environmental Review and Management Plan (ERMP) is on hold whilst BHPB undertakes an internal project review.
3.	Ashburton North LNG Project Precinct	State Agreement / land tenure	New strategic industrial area 20kms south of Onslow allocated for the development of multi user LNG processing facilities and associated infrastructure. Future port facilities are planned.

Developing a sustainable resources future

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