


WestSide

WestSide Corporation Limited

DOCUMENT TYPE **Plan**

DOCUMENT TITLE **Petroleum Lease (PL) 94**
Transitional Environmental Program –
358477/BNE40048-5 – Amendment Application

TENURE HOLDERS: **WestSide Corporation Limited** **51%**
 Mitsui E&P Australia Pty Ltd **49%**

DOCUMENT DETAILS

Dept. Origin	HSE
Document #	WCL-0000-HS-PLN-002 (Amended)

APPROVAL

	Name	Position	Signature	Date
Prepared	Russell Churchett	Environmental Manager	Document will be signed pending DEHP evaluation	
Reviewed	Simon Mewing	Chief Operating Officer		
Approved	Mike Hughes	Chief Executive Officer		

HISTORY

Rev	Date	Rev Description	Rev Author
1	14/08/11	First Issue	J. Crooks
2	28/11/11	Removed compressor sumps from TEP, revised task dates resulting from operational feedback, updated authorised entities	J. Crooks
3	17/01/12	Revision in response to DERM request.	J. Crooks
4	01/02/12	DERM Approved TEP (Reference 358477/BNE40048-5)	R. Churchett
5	19/04/13	TEP Amendment (A) Application	R. Churchett
6	15/05/13	TEP Amendment Resubmission in response to DEHP Notice (DEHP reference: 358477 / BNE40048v8) dated 01/05/2013	R. Churchett
7	12/06/13	TEP Amendment 3 rd Submission in response to DEHP email dated 22/05/13	R. Churchett
8	05/07/13	TEP Amendment 4 th Submission in response to DEHP email dated 04/07/13	R. Churchett
9	31/07/13	DEHP Approved TEP Amendment (Amendment A)	R. Churchett
9	21/05/14	TEP Amendment (B) – Draft 1	R. Churchett
10	27/05/14	TEP Amendment (B) – Draft 2	R. Churchett
11	17/06/14	TEP Amendment (B) – Draft 3	R. Churchett

DISTRIBUTION

No. of Copies	Name
1	Department of Environment and Heritage Protection
2	Westside Controlled Document Database

Table of Contents

1.	OBJECTIVES AND SCOPE	3
2.	COMPLIANCE ACTIONS AND PERFORMANCE INDICATORS	4
3.	MONITORING COMPLIANCE AND REPORTING	13

1. Objectives and Scope

This Transitional Environmental Plan (TEP) aims to outline the program Westside are undertaking to address transitional arrangements for bringing dam construction standards for the Meridian Seam Gas Fields within PL94 into compliance with the new Environmental Authority (EA) conditions (Originally PEN102216711 amended and updated to EPPG00783713 on 19 June 2013). Specifically EA conditions C11 and C12, relating to new construction requirements for aggregation and brine dams.

2. Compliance Actions and Performance Indicators

As per the original compliance program, WestSide will continue to provide a summary of Key Performance Indicator (KPI) achievements via Milestone Reports to DEHP. Table 3 (below) provides the original TEP milestone, key action reporting schedule, updated with the actual status of all milestone dates already met, and with the Amendment A as approved and Amendment B application dates subject to approval by the DEHP.

Table 3: TEP Compliance Table.

#	Task//Title	Action	KPI//Detail of Action	Original DERM Approved/TEP Completion date	DEHP/Approved Amendment/A Completion Date	Amendment B Completion Date	Comment//Update Status
1	Complete Site Water Balance	Complete Site Water Balance	Site Water Balance Report – Final submitted to DERM		n/a	n/a	
2	Develop Detailed Infrastructure Specifications	Detail Infrastructure Specifications	Detailed Infrastructure Specifications Report – Final submitted to DERM		n/a	n/a	
3	Plant & Infrastructure Procurement	Procurement of Plant & Infrastructure	Milestone Report 1 submitted to DERM containing procurement agreements for required Plant & Infrastructure		n/a	n/a	
4	Cultural Heritage Approval	Obtain Cultural Heritage Approval for new infrastructure sites	Milestone Report 1 submitted to DERM containing Initial Cultural Heritage Investigation Report and Cultural Heritage Management Strategy Agreement.		n/a	n/a	
5	Landowner Approval	Obtain Landowner Approval for new infrastructure sites	Milestone Report 1 submitted to DERM containing Executed Conduct and Compensation Agreements.		n/a	n/a	
6	Source & Engage Construction Contractors	Tender documents developed Engage Construction Contractors and proposals received Contracts awarded.	Milestone Report 1 submitted to DERM confirming construction contracts finalised		n/a	n/a	

#	Task/Title	Action	KPI/Detail of Action	Original DERM Approved/TEP Completion date	DEHP/Approved Amendment/A Completion Date	Amendment/B Completion Date	Comment/Update/Status
7	Sludge Remediation Lab Trial	Provide Remediation Lab Trial report to DEHP	Submission of report to DEHP	Not an original TEP/KPI		n/a	
8	Sludge Remediation Field Trial	Provide Remediation Lab Trial report to DEHP	Submission of report to DEHP	Not an original TEP/KPI		n/a	
9	Ginnery Dam: Divert Field CSG Water from Dam	CSG water diverted from Dam	Written notification to DERM		n/a	n/a	
10	Ginnery Dam: Remove Remaining CSG Water from Dam	Removal of Remaining CSG Water from Dam	Written notification and supporting photographs submitted to DERM		n/a	n/a	
11	Ginnery Dam: Progress Report	Progress report submission	Progress report, containing detail of soil remediation trial and specific Ginnery Dam remediation planning and works status.	Not an original TEP/KPI		n/a	
12	Ginnery Dam: Wet weather Preparations	Implement measures to minimise the collection of and holding time of rain water within Dam.	Written notification to DEHP	Not an original TEP/KPI		n/a	
13	Ginnery Dam: Progress Report	Progress report submission	Progress report, containing detail of soil remediation planning and works status.	Not an original TEP/KPI		n/a	

#	Task/Title	Action	KPI/Detail of Action	Original DERM Approved/TEP Completion Date	DEHP Approved Amendment/A Completion Date	Amendment B Completion Date	Comment/Update Status
14	Ginnery Dam: Contamination Assessment, Rehabilitation Plan, Remediation and Rehabilitation of Dam	Complete remediation of Ginnery Dam so that EA EPPG00783713 Conditions (19) are met; submit final report to EHP demonstrating the requirements of Condition (19) have been met. Obtain EHP approval for handover to landholder or Earthworks program completed in accordance with the rehabilitation plan.	Milestone Report 3 submitted to DERM containing: Submit soil contamination investigation, rehabilitation report, and contamination validation sampling results landholder agreement; or Written notification of completed earthworks and supporting photographs	On 14 July 2013 DERM Approved Change to 25 April 2013		n/a	
15	Mungi 9 Dam: Divert Field CSG Water from Dam	CSG water diverted from Dam	Written notification to DERM		n/a	n/a	
16	Mungi 9 Dam: Remove Remaining CSG Water from Dam	Removal of Remaining CSG Water from Dam	Written notification and supporting photographs submitted to DERM		n/a	n/a	
17	Mungi 9 Dam: Wet weather Preparations	Implement measures to minimise the collection of and holding time of rain water within Dam.	Written notification to DEHP	Not an original TEP KPI		n/a	
18	Mungi 9 Dam: Progress Report	Progress report submission	Progress report, containing detail of soil remediation trial and specific Mungi 9 Dam remediation planning and works status.	Not an original TEP KPI		n/a	

#	Task/Title	Action	KPI/Detail of Action	Original DERM Approved TEP Completion date	DEHP/Approved Amendment/A Completion Date	Amendment B Completion Date	Comment/Update Status
19	Mungi 9 Dam: Progress Report	Progress report submission	Progress report, containing detail of soil remediation trial and specific Mungi 9 Dam remediation planning and works status.	Notation of TEP KPI		N/A	
20	Mungi 9 Dam: Contamination Assessment, Rehabilitation Plan, Rehabilitation and Rehabilitation of Dam	Complete remediation of Mungi 9 Dam so that EA EPPG00783713 Conditions (19) are met; submit final report to EHP demonstrating the requirements of Condition (19) have been met. Obtain EHP approval for handover to landholder or Earthworks program completed in accordance with the rehabilitation plan. CSG water diverted from Dam	Milestone Report 4 submitted to DERM containing: Submit soil contamination investigation, rehabilitation report, and contamination validation sampling results landholder agreement; or Written notification of completed earthworks and supporting photographs			N/A	
21	Nippan Dam: Divert Field CSG Water from Dam	CSG water diverted from Dam	Written notification to DERM		N/A	N/A	
22	Nippan Dam: Progress Report	Progress report submission	Progress report, containing progress detail of Nippan Dam dewatering and sludge treatment preparations	Notation of TEP KPI		N/A	
23	Nippan Dam: Remove Remaining CSG Water from Dam	Removal of Remaining CSG Water from Dam	Written notification and supporting photographs submitted to DERM	31 May 2018		N/A	

#	Task/Title	Action	KPI/Detail of Action	Original DERM Approved TEP Completion date	DEHP/Approved Amendment/A Completion Date	Amendment B Completion Date	Comment/Update Status
24	Nipan Dam: Progress Report	Progress report submission	Progress report, containing progress detail of Nipan Dam dewatering and sludge treatment preparations	Not an original TEP KPI		n/a	
25	Nipan Dam: Progress Report	Progress report submission	Progress report, containing progress detail of Nipan Dam sludge treatment	Not an original TEP KPI	30 August 2014	n/a	No change to the timing of this milestone
26	Nipan Dam: Rehabilitation Works Physical Completion	Complete remediation of Nipan Dam so that EA EPPG00783713 Conditions (19) are met;	Milestone Report: Written notification of completed earthworks and supporting photographs	5 September 2013	31 October 2014	n/a	No change to the timing of this milestone
27	Nipan Dam: Rehabilitation Works Completion Report	Submit final report to EHP demonstrating the requirements of Condition (19) have been met.	Milestone Report: Containing: Full rehabilitation report, validation sampling results	Not an original TEP KPI	Not an Amendment A KPI	15 December 2014	New action / KPI
28	Dawson Dam: Engineering Design	Progress report submission	Progress report, containing detail of Dawson Dam engineering design status	Not an original TEP KPI		n/a	
29	Dawson Dam: Engineering Design	Progress report submission	Progress report, containing detail of Dawson Dam engineering design status	Not an original TEP KPI		n/a	
30	Dawson Dam: Engineering Design	Finalise engineering design and construction plan	Report, containing detail of Dawson Dam engineering design and construction plan	Not an original TEP KPI		n/a	

#	Task/Title	Action	KPI/Detail of Action	Original DERM Approved TEP Completion Date	DEHP Approved Amendment A Completion Date	Amendment B Completion Date	Comment/Update Status
31	Dawson Dam: Rehabilitation	Progress report submission	Progress report, containing detail of Dawson Dam rehabilitation program status	Not an original TEP KPI	Not an Amendment A KPI	30 Sep 2014	New action / KPI
32	Dawson Dam: Full Rehabilitation Planning	Full dam site rehabilitation procedure development	Further analysis of analogue sites (over and above initial sediment sampling) currently in progress Field survey and deep soil profile sampling conducted 14-16 May 2014 Prior soil remediation trial resulted in not proceeding with remediation method Remediation method to be based on analogue site analysis results and Nippan Dam rehabilitation process analysis	Not an original TEP KPI	Not an Amendment A KPI	31 Dec 2014	New action / KPI to Amendment B application
33	Dawson Dam: Rehabilitation	Progress report submission	Progress report, containing detail of Dawson Dam rehabilitation program status	Not an original TEP KPI	Not an Amendment A KPI	30 March 2015	New action / KPI
34	Dawson Dam: Divert Field CSG Water from Dam	CSG water diverted from Dam	Written notification to DERM	30 May 2013	30 May 2014	30 April 2015	Updated completion date
36	Dawson Dam: Rehabilitation	Progress report submission	Progress report, containing detail of Dawson Dam rehabilitation program status	Not an original TEP KPI	Not an Amendment A KPI	30 Sep 2015	New action / KPI

Task/Title	Action	KPI/Detail of Action	Original DERM Approved TEP Completion Date	DEHP/Approved Amendment A Completion Date	Amendment B Completion Date	Comment/Update Status
37 Dawson Dam: Remove Remaining CSG Water from Dam	Removal of Remaining CSG Water from Dam	Written notification and supporting photographs submitted to DERM	2 August 2013	30 July 2014	31 Mar 2016	Updated completion date
38 Dawson Dam: Rehabilitation	Progress report submission	Progress report, containing detail of Dawson Dam rehabilitation program status	Not an original TEP (KPI)	Not an Amendment A (KPI)	31 July 2016	New action / KPI
42 Dawson Dam: Rehabilitation Works Physical Completion and Completion Report	Full rehabilitation and remediation of Dawson Dam	Milestone Report: Containing: Submit soil contamination investigation, rehabilitation report, and contamination validation sampling results landholder agreement; or Written notification of completed earthworks and supporting photographs	24 October 2013 (original TEP / action has been amended)	31 December 2014 (Amendment A action has been altered / changed)	31 October 2016	Updated completion date
43 MR30 Evaporation Pond: Contamination Assessment	Contamination assessment report submission	Contamination assessment report, containing detail of pond rehabilitation process.	Not an original TEP (KPI)	Not an Amendment A (KPI)	31 August 2014	New action / KPI
44 MR30 Evaporation Pond: Rehabilitation Works Physical Completion	Complete remediation of MR30 Evaporation Pond Dam so that EA EPPG00783713 Conditions (i9) are met;	Milestone Report: Written notification of completed earthworks and supporting photographs	Not an original TEP (KPI)	Not an Amendment A (KPI)	31 October 2014	New action / KPI
45 MR30 Evaporation Pond: Rehabilitation Works Completion Report	Submit final report to EHP demonstrating the requirements of Condition (i9) have been met.	Milestone Report: Full rehabilitation report, validation sampling results, have been met.	Not an original TEP (KPI)	Not an Amendment A (KPI)	15 December 2014	New action / KPI

#	Task/Title	Action	KPI/Detail of Action	Original/DERM Approved/TEP Completion date	DEHP/Approved Amendment/A Completion Date	Amendment B Completion Date	Comment/Update/Status
46	Leak Detection Monitoring	Leak detection bores inspected monthly for Nipan and Dawson Dam while water remains in these dams: Nipan Dam Leak Detection Bore 1 (Lat -24.736352; Long 149.998613), Dawson Dam Leak Detection Bore 1 (Lat -24.799224; Long 150.010386), Dawson Dam Leak Detection Bore 1 (Lat -24.798822; Long 150.011907),	The results of this inspection to be reported to EHP by the last business day of the month to advise if the leak detection bores have detected passage of the wetting front through the floor or sides of this dam.				

3. Monitoring Compliance and Reporting

Compliance to the actions of this TEP shall be monitored and reported as detailed in the dates of the compliance table (Table 3).

All progress and milestone reports are provided to the DEHP by the due dates as detailed; in writing with an electronic copy also provided

