ENVIRONMENTAL MANAGEMENT PLAN (EMP)

DRILLING ACTIVITY

PSC TL-OT-17-08

APPENDIX F - MONITORING AND INSPECTION SCHEDULES

TR-HSE-PLN-00-000-011
## REVISION HISTORY

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## MANAGEMENT APPROVAL

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<tr>
<td>Chief Executive Officer</td>
<td>Suellen Osborne</td>
<td></td>
<td>29/12/20</td>
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<tr>
<td>GM Exploration</td>
<td>Jan Hulse</td>
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## DISTRIBUTION LIST

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### ACRONYMS

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<tr>
<th>Acronym</th>
<th>Description</th>
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<tbody>
<tr>
<td>CMP/CMT</td>
<td>Crisis Management Plan/Crisis Management Team</td>
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<tr>
<td>EIA</td>
<td>Environmental Impact Assessment</td>
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<tr>
<td>EMP</td>
<td>Environmental Management Plan</td>
</tr>
<tr>
<td>IMP/IMT</td>
<td>Incident Management Plan/ Incident Management Team</td>
</tr>
<tr>
<td>HSE</td>
<td>Health Safety Environment</td>
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<tr>
<td>OMS</td>
<td>Operating Management System</td>
</tr>
<tr>
<td>OSCP</td>
<td>Oil Spill Contingency Plan</td>
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<tr>
<td>SERP/SERT</td>
<td>Site Emergency Response Plan/ Site Emergency Response Team</td>
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<tr>
<td>SMIT</td>
<td>Senior Management Inspection Tour</td>
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<td>Timor Resources</td>
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1 INTRODUCTION

1.1 CONTEXT
Timor Resources Pty Ltd (TR) acquired onshore PSC No.: TL-OT-17-08 in Suai Municipality on 7 April 2017. The licence covers 1445.2 km², comprising 1,057.8 km² onshore and 387.4 km² in the near offshore to an average distance of 7km from the coastline, which is 64km long, and up to 34.5 km inland.

1.2 PURPOSE
This project was determined to require a Category A Licence under Decree Law No. 5/2011.

The TR Inspection Schedules fulfil a requirement under the Environmental Impact Assessment (EIA) and Environmental Management Plan (EMP). The EIA identified potential impacts from the project and various plans have been developed to supplement the EIS and EMP. The schedules presented here detail monitoring and inspection schedules covering environmental and operational activities, as well as assigning responsibilities to ensure these schedules are implemented.

This document is an appendix to the EMP – Appendix E. More details on operational inspection and audit can be found in the TR Inspection and Audit Standard TR-HSE-STD-00-000-010_1.

1.3 SCOPE
This document will address environmental and operational inspections for the PSC: TL-OT-17-08 drilling programme.

2 MONITORING AND INSPECTION SCHEDULES
The internal monitoring and inspection regime provide a systematic documented process for confirming:

- Environmental performance against the requirements identified in the EIA and EMP.
- Operational performance against the TR Operating Management System (OMS).

Regular schedules for EMP monitoring and operations inspections will assist line managers and superintendents/supervisors identify areas of non-compliance with Company Policy and Timor Leste law and focus on corrective action aimed at improved performance.
2.1 ENVIRONMENTAL MANAGEMENT PLAN MONITORING SCHEDULE

The EIA and EMP are focused on achieving and demonstrating sound environmental performance by managing the impacts of activities. Performance is measured by establishing a monitoring schedule as shown in Table 1.

### Table 1 - Monitoring Schedule as determined under the EIA and EMP

<table>
<thead>
<tr>
<th>Timing and Frequency</th>
<th>Monitoring/Performance Indicator</th>
<th>Aspect</th>
<th>Responsible Person / Function</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pre-Spud/Induction</td>
<td>Driver training Defensive driving</td>
<td>Traffic</td>
<td>Operations Manager</td>
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<tr>
<td></td>
<td>Local Recruitment Programme</td>
<td>Community</td>
<td>Country Manager</td>
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<tr>
<td></td>
<td>OSCP/SERP/IMP/CMP Drills</td>
<td>Operational leaks and spills/Worst Case spill</td>
<td>HSE Officer</td>
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<tr>
<td>Continuous as required</td>
<td>Grievance/ Complaints records</td>
<td>All</td>
<td>Community Affairs Officer</td>
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<td></td>
<td>New recruit Training and Induction</td>
<td>Community</td>
<td>Community Affairs Officer</td>
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<tr>
<td></td>
<td>Local Community Education and Awareness Programme</td>
<td>Community</td>
<td>Community Affairs Officer</td>
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<tr>
<td></td>
<td>OSCP/SERP/IMP/CMP</td>
<td>Operational leaks and spills/Worst Case spill</td>
<td>HSE Officer</td>
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<td>Each Tour 12 hourly</td>
<td>Perimeter drain oil trap</td>
<td>Surface Water Groundwater Liquid Effluents</td>
<td>Drilling Contractor</td>
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<tr>
<td></td>
<td>Regular checking and cleaning of oil, fuel and waste spills</td>
<td>Surface Water Groundwater Operational leaks and spills</td>
<td>Drilling Contractor</td>
</tr>
<tr>
<td>Daily</td>
<td>Adherence to Traffic Management Procedure</td>
<td>Traffic</td>
<td>Operations Manager</td>
</tr>
<tr>
<td></td>
<td>Journey Management</td>
<td>Traffic</td>
<td>Operations Manager</td>
</tr>
<tr>
<td></td>
<td>Speed Monitoring</td>
<td>Traffic</td>
<td>Operations Manager</td>
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<tr>
<td></td>
<td>Dust management</td>
<td>Air Quality</td>
<td>Civils contractor for construction / decommissioning Drilling Contractor</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Fuel Consumption</td>
<td>Air Quality</td>
<td>Transport Contractor Drilling Contractor</td>
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<tr>
<td></td>
<td>Monitor water usage</td>
<td>Water Supply</td>
<td>Drilling Contractor</td>
</tr>
<tr>
<td></td>
<td>Cuttings volumes recorded</td>
<td>Solid Wastes</td>
<td>Drilling Contractor</td>
</tr>
<tr>
<td></td>
<td>Rig wastes recorded, manifested and tracked</td>
<td>Solid Wastes</td>
<td>Drilling Contractor</td>
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<tr>
<td></td>
<td>Camp wastes recorded, manifested, tracked</td>
<td>Solid Wastes</td>
<td>Camp Boss</td>
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<tr>
<td>Weekly</td>
<td>Regular Inspection of road culverts and rig drainage system</td>
<td>Soil Surface Water Operational leaks and spills</td>
<td>Operations Manager</td>
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<tr>
<td>Monthly</td>
<td>Engine and generator service records</td>
<td>Traffic Air Quality</td>
<td>Operations Manager</td>
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### Operating Management System
Environmental Management Plan - Drilling Activity
PSC TL-OT-17-08
Appendix F - Monitoring and Inspection Schedules
Doc No: TR-HSE-PLN-011

<table>
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<tr>
<th>Timing and Frequency</th>
<th>Monitoring/Performance Indicator</th>
<th>Aspect</th>
<th>Responsible Person / Function</th>
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<td>Civils Construction Engineer</td>
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<td>Particulates Monitoring</td>
<td>Air Quality</td>
<td>Civils Construction Engineer</td>
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<td>Drilling Contractor for rig emissions/Transport contractor for service vehicles</td>
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<tr>
<td>Inspection of sewage system</td>
<td>Surface Water</td>
<td>Drilling Contractor Camp Boss</td>
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<td>Monthly water management report</td>
<td>Water Supply</td>
<td>Operations Manager</td>
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<td>All wastes: Monthly Summary report</td>
<td>Solid Wastes</td>
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<tr>
<td>Noise monitoring at fence and sensitive receptors</td>
<td>Noise</td>
<td>Operations Manager</td>
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#### 2.2 OPERATIONS INSPECTION SCHEDULE

Inspection is defined as “*a planned tour of a work place to visually check for compliance with procedures and safe working practices*”.

Planned inspections are primarily a line management responsibility carried out according to a predetermined program. They enable the line management to systematically inspect all its areas of responsibility using site specific inspection checklists. The primary objective of inspections is to identify any hazards in the workplace or to the environment, confirm that critical items are in place and functional, and that all work is being conducted according to approved practice.

Planned inspections will also be carried out by the HSE Officer with respect to all HSE equipment as used in operations. This will include equipment which is available and used on a daily basis, and that used specifically in emergency situations.

#### 2.2.1 Planned General Inspections (Weekly)

Site Supervisors/Camp Boss will complete a Planned General Inspection of their site, at least every week. Substandard conditions will be reported in a Corrective Action Record (CAR) (See Non-Conformance: Corrective and Preventative Action Standard: TR-GEN-STD-00-000-010_2) and will be forwarded to the Operations Manager and the HSE Officer.

All contractors will be included in the Planned General Inspection Schedule.
2.2.2 Operations Manager Inspections (Monthly)

The Operations Manager will conduct a General Inspection at least every month with the HSE Officer. These inspections will examine progress on all outstanding issues resulting from the weekly site Planned General Inspections and will include all contractor activities.

Substandard conditions will be reported in a Corrective Action Record (CAR) and will be forwarded to General Manager Exploration.

2.2.3 Senior Management Inspection Tour (Quarterly)

Senior Management representatives (CEO and General Managers) will conduct a formal Senior Management Inspection Tour (SMIT) of all locations at least every quarter. The SMIT is not necessarily intended to be comprehensive inspection to identify substandard conditions, but more to demonstrate leadership. This support is given by discussing with site personnel the results of inspections and any problems associated with addressing previously identified deficiencies or weaknesses.

Management will also use the SMIT to promote the OMS, and to demonstrate TR Commitment. General housekeeping and physical conditions will always be assessed and take the opportunity to give commendation wherever merited.