

**REPUBLIC OF THE UNION OF MYANMAR**  
**MINISTRY OF NATURAL RESOURCES AND ENVIRONMENTAL CONSERVATION**  
**ENVIRONMENTAL CONSERVATION DEPARTMENT**

**Nay Pyi Taw**



**ENVIRONMENTAL COMPLIANCE CERTIFICATE**

**For**

**REDEVELOPMENT AND ENHANCED OIL RECOVERY (EOR) PROGRAMME**

**EIA REPORT (MANN FIELD)**

**Date. 26<sup>th</sup> March 2019**



**ENVIRONMENTAL COMPLIANCE CERTIFICATE**  
**For**  
**REDEVELOPMENT AND ENHANCED OIL RECOVERY (EOR)**  
**PROGRAMME EIA REPORT ( MANN FIELD)**



ECC( 1 / 2019)

**PROPONENT**

Project Proponent Name : MPRL E & P Pte. Ltd

Contact person of Project Proponent : U Myo Tin  
General Manager,  
MPRL E & P Pte. Ltd

Project Proponent address for correspondence : Vantage Tower, 623 Pyay Road,  
Kamayut Township, 11041  
Yangon, Myanmar

Telephone (fixed/mobile) : +95 1 230 7702

Fax : +95 1 230 7744

Email address : [gxm.myotin@mprlexp.com](mailto:gxm.myotin@mprlexp.com)

**PROJECT**

Project Title	:	Redevelopment And Enhanced Oil Recovery (EOR) Programme		
New / Existing development	:	<input type="checkbox"/> New Project <input checked="" type="checkbox"/> Modification, amendment or upgrading project		
Project Location (Address)	:	Mann Field Onshore Block, Myanmar		
Location of Mann Field	:	POINTS No.	LATITUDE (N)	LONGITUDE (E)
		1	689303.42	2249525.16
		2	693527.28	2250791.28
		3	697062.53	2231386.30
		4	697565.00	2229993.20
		5	696839.00	2229985.00
		6	696690.60	2230260.10
		7	695826.40	2229635.30
		8	695390.70	2229630.40
	9	691733.26	2229630.40	
Size and scale of project components	:	MPRL E & P Pte. Ltd is undertaking a Redevelopment And Enhanced Oil Recovery (EOR) Programme commencing in 2019 within the Mann Field. The EOR program will be 2019 to 2024.		
EIA Report	:	Redevelopment And Enhanced Oil Recovery (EOR) Programme Of EIA Report(Mann Field) September 2018		
Reference No. for EIA Report	:	(1) MD - (15)2/6(682) 2018 dated on 10 <sup>th</sup> October 2018 by Myanmar Oil and Gas Enterprise. (2) Mann/LET-192/18 dated on 8th October 2018 by MPRL E & P Pte. Ltd.		
Approved for EIA Report	:	Approved Date for EIA Report on 25 <sup>th</sup> February 2019 by Reference of Approval Letter No.-EIA-2/Oil & Gas (376/2019)		
ECC coverage	:	The ECC covers approval for the Redevelopment And Enhanced Oil Recovery (EOR) Programme commencing in 2019 within the Mann Field. The EOR program will be 2019 to 2024.  The Project Proponent shall submit a revised EMP to the ECD for review and approval in case of changes to the Project Activities, the Project site or adverse Impacts of the Project.		

## CONDITIONS

Pursuant to the Environmental Conservation Law (No. 9/2012) and the Environmental Impact Assessment Procedure (EIA) (No. 616/2015), the EIA report is approved and this Environmental Compliance Certificate (ECC) is granted to the Project Proponent referred to in Schedule 1 subject to the conditions attached to this document in Schedule 2.

The objective of this ECC is to:

- i. Prevent, minimize, and/or offset adverse environmental and social impacts;
- ii. Confirm the Project commitments and obligations of the project proponent;
- iii. Set standards and performance measures for acceptable environmental performance;
- iv. Perform regular monitoring and reporting; and
- v. Provide for the ongoing environmental management of the Project.

*Hla Maung Thein*  
26.3.2019

(Hla Maung Thein)

Director General

Environmental Conservation Department

Ministry of Natural Resources and Environmental Conservation

Date: 26 3. 2019

## Schedule 1

### Part A – Project Proponent

### Part B – Project Description

### Part A – Project Proponent

Project Proponent Name : MPRL E & P Pte. Ltd

Contact person of Project Proponent : U Myo Tin  
General Manager,  
MPRL E & P Pte. Ltd

Tel : + 95 1 230 7702

Fax : + 95-1-230 7744

Email address : gxm.myotin@mprlexp.com

## Part B – Project Description

Project Title	:	Redevelopment And Enhanced Oil Recovery (EOR) Programme		
New / Existing development	:	<input type="checkbox"/> New Project <input checked="" type="checkbox"/> Modification, amendment or upgrading project		
Project Location (Address)	:	Mann Field Onshore Block, Myanmar		
Location of Mann Field	:	Points No.	Latitude (N)	Longitude (E)
		1	689303.42	2249525.16
		2	693527.28	2250791.28
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	9	691733.26	2229630.40	
Size and scale of project components	:	MPRL E & P Pte. Ltd is undertaking a Redevelopment And Enhanced Oil Recovery (EOR) Programme commencing in 2019 within the Mann Field. The EOR program will be 2019 to 2024.		

### Project Activities

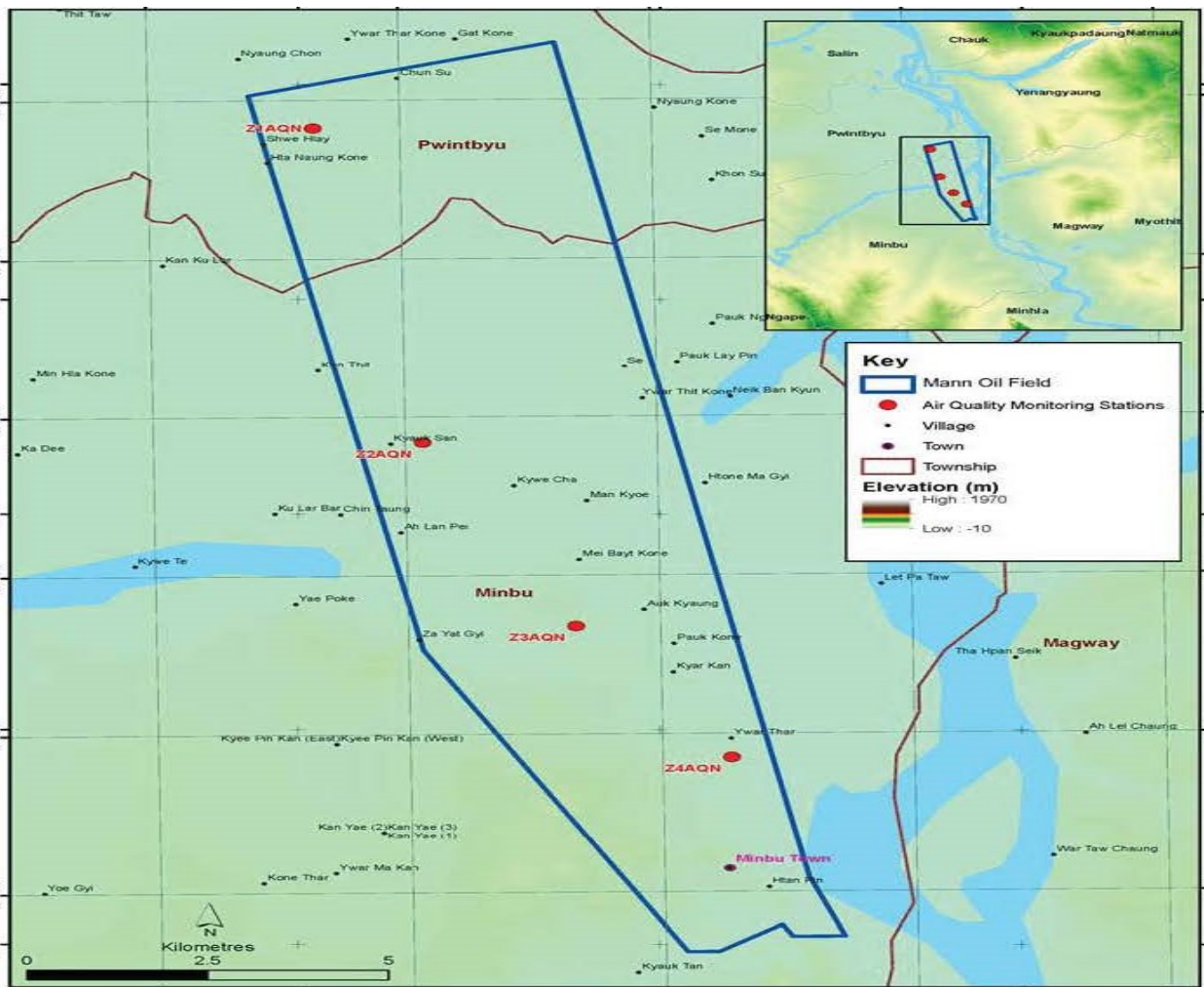
The following project activities include in Redevelopment and Enhanced Oil Recovery (EOR) Programme.

- i. Infill Well Drillings
- ii. Deepening Wells
- iii. Chemical Treatment
- iv. Remedial and Work-over Operations
- v. Improvement of Pumping Unit
- vi. Refurbishments of the Gas and Oil Collecting Stations (GOCS), Flow Pipes and Drain Pits
- vii. Rehabilitation of Shut-in Wells
- viii. Re-perforations for Wells
- ix. Development of Produced Water Management System

## Project Area

The Mann Field is located in Central Myanmar in the northwest of Magway Division. The field is about 16 km long and 1.5 km wide, covering an area of ~82 km<sup>2</sup> within Block MOGE 2. The Mann Field is generally flat at ~60 m above sea level, with the southern and most of the southwestern part straddling low hills. The Project Site is illustrated in Figure and the Coordinates of the Mann Field are provided in Table below:

Points No.	Latitude (N)	Longitude (E)
1	689303.42	2249525.16
2	693527.28	2250791.28
3	697062.53	2231386.30
4	697565.00	2229993.20
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## Schedule 2

### Part A – General Conditions

### Part B – Environmental Performance (Standards) Conditions

### Part C – Environmental Management Conditions

### Part D – Monitoring and Reporting for Compliance with the ECC

### Part E – Specific Conditions and Project Commitments

### Part F – Grievance Mechanism

## Schedule 2, Annex 1 – Acronyms and Abbreviations

### Part A – General Conditions

- A1 The Project Proponent shall bear full legal and financial responsibility for all adverse impacts and all actions and omissions of itself and its contractors, subcontractors, officers, employees, agents, representatives, and consultants employed, hired or authorized by the Project Proponent acting for or on behalf of the Project Proponent, in carrying out work on the Project. The Project Proponent shall fully implement all environmental and social measures, and is liable for ensuring that all contractors and subcontractors comply fully with all relevant environmental and social standards and measures, and other requirements.
- A2 The Project Proponent shall carry out the Project in accordance with the documents submitted to Ministry including:
- i. EIA report of Redevelopment And Enhanced Oil Recovery (EOR) Programme submitted on September 2018  
*(The Reference Letter NO. (1) MD-(15)2/6(682)2018 dated on 10<sup>th</sup> October 2018 by MOGE and (2) Mann/LET-192/18 dated on 8.10.2018 by MPRL E & P Pte. Ltd.)*
  - ii. The Project's Specific Conditions and Commitments as stated in this ECC, part E.
- A3 The Project Proponent shall inform the Ministry about any major changes to the Project design and operations. If the Ministry deems necessary, the Ministry may modify this ECC after consultations with the Project Proponent.
- A4 The Project Proponent shall implement the Environmental Management Plan (EMP) and relevant sub-Plans including Environmental Monitoring Programs.
- A5 The Project Proponent shall ensure that all bidding documents and contracts for Project works contain provisions that require contractors to:
- i. comply with the measures relevant to the contractor set forth in a Project EMP, and any corrective or preventative actions set forth in an Environmental Report;



- ii. make available a budget for all such environmental and social measures; and
  - iii. provide the Project Proponent and the Ministry with a written notice of any unanticipated environmental and social risk that may rise during the operation of the Project that were not considered in the Project EIA Report and EMPs.
- A6 The Project Proponent shall provide all necessary budgetary and human resources to fully implement the EMP and sub-Plans and monitoring provisions.
- A7 The Project Proponent shall, unless otherwise instructed in writing by the Ministry, undertake self-monitoring as specified in a Project EMP and this ECC. The Project shall maintain records of all self-monitoring results described in an EMP, including records of taking and analysis of samples, instrument measurements (periodic and continuous), calibrations, examinations, tests and surveys, and any assessments made on the basis of such data. All records shall be legible, made as soon as reasonably practicable, and if amended, amended in such a way that both original and any subsequent amendments remain legible, or capable of retrieval. All records shall be retained, unless otherwise agreed in writing by the Ministry, for at least three (3) years from the date when the records were made.
- A8 To enable the Ministry to monitor Project compliance, the Project Proponent shall:
- i. Grant the Ministry and/or its representatives, at any time during normal business hours, access to the Project's offices and the Project site and any other location at which the Project's activities or activities related to the Project are performed.
  - ii. From time to time as and when the Ministry shall reasonably require, shall grant the Ministry access to the Project's offices and to the Project site and any other location at which the Project activities or activities related to the Project are performed.
  - iii. In the event of an emergency, or where in the opinion of the Ministry, there is or may exist a violation or risk of violation of the compliance of the Project with all applicable environmental and social requirements, the Project Proponent shall grant full and immediate access to the Ministry at any time as may be required by the Ministry.
  - iv. If upon inspection, the Ministry identifies any non-compliance with the conditions in this ECC, the Ministry may require the Project Proponent to undertake remedial measures and/or may impose penalties as provided for the EIA Procedure (2015).
- A9 The Project Proponent shall submit a Monitoring Report for Environmental and Social Impact to the Ministry not less frequently than every six (6) months during the Project and promptly disclose that report to the public in a form of accessible to the related communities. Reports shall include without limitation the issues listed in part D of this ECC.

- A10 The Project Proponent shall ensure that all reporting in compliance with this ECC is made available to the Ministry and to the public. This information shall be made available at the Regional Government or departmental office or other location with consent of the Ministry and electronically on a Project Proponents or Project website.
- A11 This ECC is valid for a period of five years. The Project Proponent shall apply for extension of the ECC validity six months priority to expiry date.
- A12 The Ministry has the right to terminate this ECC with immediate effect if:
- i. Substantial implementation of the Project has not commenced within two (2) years after the issuance of this ECC, unless the Project Proponent has applied in writing to the Ministry providing reasons why it has not been able to commence substantial implementation of the Project, including what further period of time is needed before substantial commencement of the Project can take place, and the Ministry has in its discretion granted an extension;
  - ii. The Project fails to comply with this ECC and fails to implement corrective actions within the period (if any) allowed by the Ministry.
- A13 The Ministry may unilaterally modify conditions in this ECC and/or require the Project to revise and resubmit an EMP to the Ministry for review and approval, if at any time the Ministry determines that:
- i. The mitigation measures are insufficient or inadequate to mitigate the actual or likely impacts of the Project;
  - ii. New information becomes known as to how harmful the adverse impacts of the Project are, or are likely to become;
  - iii. The adverse impacts of the Project which could not have been foreseen at the time the originally approved EIA were approved;
  - iv. The adverse impacts of the Project are greater than those anticipated impacts that formed the basis for the preparation, submission, and approvals of the original EIA report and the issuance of this ECC and conditions therein;
  - v. The adverse impacts of the Project can be reduced through adherence to good practice without commercially significant extra cost to the Project;  
or
  - vi. The measures and conditions stipulated in an EMP and/or this ECC are determined to be unnecessary to mitigate the adverse impacts.
- A14 Where, in the opinion of the Ministry, the Project Proponent is not in compliance with, or is likely not to comply with, its obligations, the Ministry shall promptly inform the Project Proponent and may recommend and warn the Project Proponent

to strictly implement its obligations. The Ministry shall indicate the manner in which environmental and social obligations are not being complied with by the Project and shall give a specified time within which to bring the Project into compliance. The Ministry may take such enforcement actions as considered appropriate to suspend, at the Ministry's discretion, this ECC in whole or part for reason of the Project Proponent's failure materially to comply with any condition of this ECC and fails to cure such non-compliance within the period specified by the Ministry.

- A15 Issuance of this ECC is not a grant to the Project Proponent of any right or authorization to use any resources, nor is it a permit to engage in any commercial activities. Issuance of this ECC does not relieve the Project Proponent from identifying, obtaining, and maintaining in force all other licenses, permits and approvals from relevant authorities. It is the obligation of the Project Proponent to ensure that all these licenses, permits and approval are valid during the life of the Project. All such documents must be available for inspection during the life of the Project.
- A16 The Ministry may prescribe conditions in this ECC to require the Proponent to make contributions to the Environmental Management Fund in accordance with Article 30 of the Environmental Conservation Rule: (i) pollution charges (emissions, waste), and (ii) charges on the use of natural resources and benefits from ecosystem services.
- A17 The Ministry may, upon joint application of a Project Proponent and a proposed transferee, transfer to the proposed transferee an ECC or any part of an ECC.
- A18 The Project Proponent shall disclose the EIA Report, and this ECC and the conditions attached to the ECC (in both Myanmar language and English if available) on the Project website or the Project Proponent's website, thirty (30) days after receiving a copy of the ECC.
- A19 The Project Proponent shall implement with the public consultation, disclosure and engagement as detailed in section 9.3 and Table 9.2 of the EIA Report.

## **Part B – Environmental Performance (Standards) Conditions**

- B1 The Project Proponent shall abide all legislations stated in Chapter 3 of the EIA report and other laws and regulations related to the project, when promulgated and shall implement all commitment and mitigation measures stated in Table 8.3 of the EIA report.
- B2 The Project Proponent will ensure that the Project will comply with the following environmental standards during all stages of the Project:

### **Emission Standards**

- i. Applicable General and Industry-Specific guidelines in the Myanmar National Environmental Quality (Emission) Guidelines (December 2015), and apply emissions, effluent and waste generated from Onshore Oil and Gas Development as described details on Table 3.5 in EIA Report.
- ii. Any additional proposed Project environmental quality guidelines and standards such as IFC PS (2012): World Bank Group (WBG) Environmental Health and Safety (EHS) General Guidelines (2007); WBG EHS Guidelines for Onshore Oil and Gas Development (2007) described in the EIA Report, as accepted by the Ministry.

### **Ambient Standards**

- i. WHO ambient air quality guidelines, and apply the following guideline value to emissions:
  - Hydrogen sulfide 5 mg/Nm<sup>3</sup> c
- ii. Applicable Myanmar National Water, Soil, Noise, and Odour Standards.

### **B3 Waste Management:**

Waste management including hazardous waste and chemical waste, cooling water, desalination brine, sewage, food waste, storage displacement water, bilge water, deck drainage should be managed in accordance with IFC Environmental, Health and Safety Guidelines for Onshore Oil and gas development, 2007 Table 1.

### **B4 Chemicals:**

The Project shall comply in accordance with Table 4.2 and Table 4.3 of the EIA Report and shall be used in accordance with IFC Environmental, Health and Safety Guidelines for Oil and Gas Development, 2007. The Project shall be used as listed the chemicals in Table 4.2 and Table 4.3 of the EIA Report.

### **Part C - Environmental Management Conditions:**

- C1 The Project Proponent shall establish the Project Environmental and Social Management System (ESMS) in accordance with the Project EMP, prior to commencement of operation.
- C2 The Project Proponent shall implement the EMP in Table 8.1 and the following sub-plans as described in Table 8.4:
  - i. Waste Management Plan
  - ii. Emergency Response Plan (include Fire Risk Management Plan)
  - iii. Spill Response Plan
  - iv. Health and Hygiene Management Plan
  - v. MEDIVAC Procedures
  - vi. Transportation Management Procedures
  - vii. Contractor Environmental Management Plan(s)
- C3 The Project Proponent shall submit a revised EMP to the ECD for review and approval in case of changes to the Project Activities, the Project site or adverse Impacts of the Project.
- C4 The Project Proponent shall prepare and implement a Compensation Plan in the event of any project-related damage to crops, forest, buildings, cultural heritage or infrastructure.
- C5 The Project Proponent shall fully implement the Produced Water Management System as described in EIA Report.
- C6 The Project Proponent shall control the waste volume as described the article 6.9.1 & 6.14.1 of EIA Report and shall fully implement the Waste Management Procedure as described in EIA Report.
- C7 The Project Proponent shall implement the Decommissioning Plan for the Project.

### **Part D – Monitoring and Reporting of Compliance with the ECC**

- D1 The Project Proponent shall monitor the Project in accordance with the commitments and monitoring plan in Table 8.3 in the EIA Report as described lists of factor below:
  - i. Ambient air quality
  - ii. Noise
  - iii. Ground water quality
  - iv. Surface water quality
  - v. Soil quality
  - vi. Discharge of treated wastewater and runoff
  - vii. Vented Gas

- D2 The Project Proponent shall monitor the Ground Water Quality throughout the Chemical Treatment Process.
- D3 The Project proponent shall notify and identify in writing to the Ministry any breaches of its obligations or other performance failures or violations of this ECC and EMPs as soon as reasonably possible and in any event, in respect to any breach which would have a serious impact or where the urgent attention of ECD is or may be required, within not later than twenty-four (24) hours, and in all cases within seven (7) days of the Project Proponent becoming aware of such incident.
- D4 If any unanticipated significant environmental and/or social risks and impacts arise during the Project that were not considered in the EIA and EMPs, the Project Proponent shall promptly inform the Ministry of the occurrence of such risks or impacts, with detailed description of the event and a proposed corrective action plan.
- D5 The Project Proponent shall submit a monitoring report to the Ministry not less frequency than every six (6) months during the Project. The reports shall include:
- i. Documentation of compliance with all conditions of this ECC, in particular on the commitments made in Table 8.3 of the EIA Report;
  - ii. Progress made to date on implementation of EMPs against the submitted implementation schedule;
  - iii. Difficulties encountered in implementing EMPs and recommendations for remedying difficulties and steps to prevent or avoid similar future difficulties;
  - iv. Number and type of non-compliances with EMPs and proposed remedial measures and timelines for completion of remediation
  - v. Summary of self-monitoring reports including explanatory remarks;
  - vi. Summary of accidents or incidents relating to the occupational and community health and safety;
  - vii. Summary of complaints and grievances redress mechanism (GRM);
- D6 The Project Proponent shall submit together with the Monitoring Report - the Audit compliance Report which is relevant to the Audit / inspect compliance prepared by Well site Manager and Drilling and Completions environment Adviser.
- D7 Within ten (10) days of completing a report, the Project Proponent shall make such report on the Project Proponent's or Project website, at public meeting places (e.g. libraries, community halls) and at the Project offices. Any organization or person may request a digital copy of a report and the Project Proponent shall, within ten (10) days of receiving such request, submit a digital copy via email or as may otherwise be agreed upon with the requestor.

## **Part E – Specific Conditions and Project Commitments**

- E1 The Project Proponent shall follow strictly on Environmental Conservation law, rules and procedures, Union of Myanmar’s current existing laws and international agreements, international environmental and social standards as stipulated in the EIA Report.
- E2 The Project Proponent shall fully comply with commitments in Environmental Management Plan and Monitoring Program mentioned in the Report.
- E3 The Project Proponent shall comply Myanmar National Environmental Quality (Emission) Guideline regarding air emissions, noise level and Effluent Discharge Levels for Sewage stated in EIA Report.
- E4 The Project Proponent shall comply with WBG EHS Guidelines for Onshore Oil and Gas Development (2007) stated in the Table 3.5 of EIA report regarding the disposal of drilling fluids and cuttings, produce sand and produce water.
- E5 The Project Proponent shall maintain the habitats by using hand tools for cutting vegetation and shall conduct Induction training for personnel in order to maintain the biodiversity.
- E6 The Project Proponent shall carefully conduct the project activities in order avoid and mitigate the damages of cultivated land and crops.
- E7 The Project Proponent shall construct any new road should be less than 5 m width.
- E8 The Project Proponent shall only use the Water Based Mud (WBM) for drilling activities through the project.
- E9 The Project Proponent shall select chemical additives depend on technical requirements, additive concentration, toxicity, bioavailability and bioaccumulation potential.
- E10 The Project Proponent shall Monitoring the concentration of heavy metal impurities (mainly mercury and cadmium) in barite stock in the fluid formulation, if used.
- E11 The Project Proponent shall strictly manage Hazardous wastes for proper disposal by approved third party contractor and shall completely bury underground in concrete bunker as stated the Section 3.5.5 of Waste Management Procedure, Annex H of EIA Report.
- E12 The Project Proponent shall install Oil water separators and grease traps at refueling facilities, workshops, parking areas, fuel storage and containment areas, if any.
- E13 The Project Proponent shall use the amount of chemical injected in a chemical treat as low as practicable and designed to be retained by adsorption, channeling and dilution in the petroleum reservoir.

- E14 The Project Proponent shall developed and implemented the precautionary measures to prevent loss of chemical fluids during the EOR process
- E15 The Project Proponent shall a groundwater monitoring programme before, during the after the EOR activities and shall fully developed appropriate remedial measures and mitigate if there is detected significant groundwater contamination.
- E16 The Project Proponent shall fully implement the Produced Water Management Plan
- E17 The Project Proponent shall dispose the produced water to shut in wells and shall discharge the produced water with the Myanmar National Environmental (Emission) Guidelines.
- E18 The Project Proponent shall monitor with Echo meter for the annulus gas volume on weekly basis.
- E19 The Project Proponent shall install new vents depend on toxic gas composition, wind direction, design of venting as well as location and distance from the ASRs.
- E20 The Project Proponent shall monitor gaseous composition of the vented gas and regular air quality monitoring at selected ASRs to identify and properly respond to any unacceptable air quality impacts caused by the venting.
- E21 The Project Proponent shall carried out Refueling in designated areas on hard standing ground or Drip trays.
- E22 The Project Proponent shall not construct chemical storage compound New Underground Storage Tank within a distance of 100 m of the normal high-water mark of water body or water well used for drinking or domestic purposes.
- E23 The Project Proponent shall collect Spill kits and shovels at well sites or appropriate locations for any accidental leakage of fuel or other hazardous substances during Project activities.
- E24 The Project Proponent shall implement all required safety and management requirements relating to the transportation, storage and handling of explosives.
- E25 The Project Proponent shall enforce all drivers from the project to comply a speed limit of 40km/h during the construction phase.
- E26 The Project Proponent shall implement the Waste Management Plan which includes the disposal of cutting and fluids plan and estimated volume of waste and type of waste.
- E27 The Project Proponent shall continuously consult with local communities (Stakeholders), considers and incorporate their suggestions and requests.
- E28 The Project Proponent shall conduct CSR activities, coordinating with local community in area potentially affected by project activities through the Project.



- E29 The Project shall distribute the EIA Report including the Executive Summary, both in English and Myanmar translation, to the areas related to Project area (Minbu, Pwintbyu) via relevant channel for the target audience of the public in those areas.
- E30 The Project Proponent shall secure the insurance for compensating the environmental impact in case of incident and to handle the consequences of environmental impacts.
- E31 The Project Proponent shall inform the ECD within 24 hours and to receive ECD advice, on occurrence of any unplanned events and accidents.
- E32 The Project Proponent shall comply with all Project commitments made in the EIA given in Table 8.1 of the EIA Report.
- E33 The Project Proponent shall implement as Environmental Management Organization Roles and Responsibilities is described in Table 8.2 of EIA.
- E34 If the Project Proponent does not fulfill the Project commitments, the Project will be suspended and no further work shall be undertaken until the Ministry is satisfied that the Project Proponent has fulfilled its commitments.
- E35 The Project Proponent shall agree with ECD and Myanma Oil and Gas Enterprises (MOGE) on the costs of inspections and funding.
- E36 The Project Proponent shall comply the conditions of Approved Letter by reference letter no.-EIA-2/ Oil & Gas (376/2019).

#### **Part F – Grievance Mechanism**

- F1 The Project Proponent shall ensure that Grievance Mechanism acceptable to the Ministry are established, to:
- i. review and document eligible complaints of Project stakeholders;
  - ii. proactively address grievances;
  - iii. provide the complainants with notice of the chosen mechanism/action; and
  - iv. prepare periodic reports to summarize the number of complaints received and resolved, and final outcomes of the grievances and chosen actions and make these reports available to the Ministry upon request. Eligible complaints include those related to the Project, any contractor or sub-contractor, any person responsible for carrying out the Project, complaints on misuse of funds and other irregularities, and grievances due to any safeguard issues, including resettlement, environment, and gender.
- F2 The Project Proponent shall submit to ECD a proposed complaint and problem management mechanism or grievance redress mechanism in accordance with the Article 31 of United National Guiding Principles on Human Rights and Business.

- F3 The Project Proponent shall inform regarding the Grievance Mechanism (Section 9.4) broadly, effectively and to make prearrangement to implement successfully close to the project area such as Minbu and Pwintbyu.
- F4 The Project Proponent shall resolve until satisfactory for the Low and Medium Grievances within 5 to 10 working days (this timeline is required to agree by local stakeholders).
- F5 The Project Proponent shall resolve until satisfactory for the High Grievances as soon as possible (to inform the timeline to the Griever and to obtain agreement by the Griever).
- F6 The Project Proponent shall establish and comply with the Grievance Mechanism in Figure 9.5 and section 9.4. This shall address compliance with condition F1 of this ECC.
- F7 The Project Proponent shall implement successfully Future Engagement Activities and disclosure (Section 9.5), CSR activities (Section 9.6).
- F8 The Project Proponent shall consult and respond the key concerns of affected people within the project area as mention in Table 9.2 of EIA Report.

**Schedule 2, Annex 1 – Acronyms and Abbreviations**

Ministry		Natural Resources and Environmental Conservation
ECD		Environmental Conservation Department
ECC		Environmental Compliance Certificate
EIA		Environmental Impact Assessment
EMP		Environmental Management Plan
EHS		Environmental Health and Safety
MEDIVAC		Medical Evacuation
CSR		Corporate Social Responsibility
IFC		International Finance Corporation
WBG		World Bank Group
WHO		World Health Organization
NEQ		National Emission Quality
ASRs.		Air Sensitive Receivers