### JCM Sustainable Development and Safeguards Monitoring Report

| Project description            |  |  |  |  |
|--------------------------------|--|--|--|--|
| Title                          |  |  |  |  |
| Project participant (Thai)     |  |  |  |  |
| Project participant (Japanese) |  |  |  |  |
| Project location               |  |  |  |  |
| Latitude, longitude            |  |  |  |  |
| Project status                 |  |  |  |  |

| Report description        |              |
|---------------------------|--------------|
| Date of report completion |              |
| Version                   |              |
| Corresponding author      | Name         |
| 1 8                       | Title        |
|                           | Organization |
|                           | Telephone    |
|                           | E-mail       |

#### Note:

- Related figures, documents, evidence related to the description may be attached as attachment.
- In the case where there is any other relevant issue that needs to be considered, it is be specified in the last row of each area of assessment.

## **Certification letter**

## DD/MM/YYYY

| is the author of the | tify that                       | I the undersigned hereby cer   |          |
|----------------------|---------------------------------|--------------------------------|----------|
|                      | ards Assessment Report Form" of |                                | "Sustain |
|                      | located at                      | developed by                   |          |
|                      |                                 | The report was prepared by the |          |
| Signature            | Position                        | Name                           | No.      |
|                      |                                 |                                | 1        |
|                      |                                 |                                | 2        |
|                      |                                 |                                | 3        |
|                      |                                 |                                |          |
|                      |                                 |                                |          |
| )                    | (                               |                                |          |
|                      | Position                        |                                |          |
| Seal (if any)        |                                 |                                |          |

## **Part 1 Sustainable Development Goals**

## 1.1 Sustainable Development Contributions Assessment

Please mark  $\checkmark$  in  $\square$  to identify the contributions of the proposed project to specific SDG. The project is required to contribute to **at least two SDGs**, <u>in addition to SDG13</u>: Climate Action.

| Project Contributions to | Indicator        | Description of Indicator |
|--------------------------|------------------|--------------------------|
| SDGs                     | (Please specify) |                          |
| ☐ SDG 1: No Poverty      |                  |                          |
| ☐ SDG 2: Zero Hunger     |                  |                          |
| ☐ SDG 3: Good Health and |                  |                          |
| Well-being               |                  |                          |
| ☐ SDG 4: Quality         |                  |                          |
| Education                |                  |                          |
| ☐ SDG 5: Gender Equality |                  |                          |
| ☐ SDG 6: Clean Water and |                  |                          |
| Sanitation               |                  |                          |
| ☐ SDG 7: Affordable and  |                  |                          |
| Clean Energy             |                  |                          |
| ☐ SDG 8: Decent Work     |                  |                          |
| and Economic Growth      |                  |                          |
| ☐ SDG 9: Industry,       |                  |                          |
| Innovation and           |                  |                          |
| Infrastructure           |                  |                          |
| ☐ SDG 10: Reduced        |                  |                          |
| Inequality               |                  |                          |
| ☐ SDG 11: Sustainable    |                  |                          |
| Cities and Communities   |                  |                          |
| ☐ SDG 12: Responsible    |                  |                          |
| Consumption and          |                  |                          |
| Production               |                  |                          |
| ■ SDG 13: Climate Action |                  |                          |
| ☐ SDG 14: Life Below     |                  |                          |
| Water                    |                  |                          |
| ☐ SDG 15: Life on Land   |                  |                          |

| Project Contributions to  | Indicator        | Description of Indicator |
|---------------------------|------------------|--------------------------|
| SDGs                      | (Please specify) |                          |
| ☐ SDG 16: Peace and       |                  |                          |
| Justice Strong            |                  |                          |
| Institutions              |                  |                          |
| ☐ SDG 17: Partnerships to |                  |                          |
| achieve the Goal          |                  |                          |

<sup>\*</sup>Project Participant provides the description for each indicator of the selected SDGs and presents currently available datasets along with supporting documents.

### **1.2 Monitoring Measures for SDG Contributions**

Provide the details on the indicators identified under 1.1 (Tables can be added based on the number of SDGs selected)

| SDG Number            |  |
|-----------------------|--|
| SDG Target            |  |
| Variable or Indicator |  |
| Duration/Frequency    |  |
| Methodology/Tool      |  |
| Responsible person    |  |
|                       |  |
| SDG Number            |  |
| SDG Target            |  |
| Variable or Indicator |  |
| Duration/Frequency    |  |
| Methodology/Tool      |  |
| Responsible person    |  |

# Part 2 Do no net harm

# 2.1 'Do no net harm' Risk Assessment and Safeguards

| Potential Impact                    |             | Level of In | npact Severity |      | Description of Impact | Action Plan to mitigate harmful impacts |
|-------------------------------------|-------------|-------------|----------------|------|-----------------------|---|
| of Project Activity                 | None        | Low         | Moderate       | High |                       |   |
| 1. Impacts on Environment and       | Natural Res | sources     |                |      |                       |   |
| 1.1 Physical resources              |             |             |                |      |                       |   |
| Water pollution                     |             |             |                |      |                       |   |
| Soil pollution                      |             |             |                |      |                       |   |
| Air pollution                       |             |             |                |      |                       |   |
| Noise pollution                     |             |             |                |      |                       |   |
| Odor pollution                      |             |             |                |      |                       |   |
| Soil erosion, coastal/river erosion |             |             |                |      |                       |   |
| Vulnerability to natural disaster   |             |             |                |      |                       |   |
| Other                               |             |             |                |      |                       |   |
| 1.2 Waste management                |             |             |                |      |                       |   |
| Increase in solid waste/municipal   |             |             |                |      |                       |   |
| solid waste                         |             |             |                |      |                       |   |

| Potential Impact                  | Level of Impact Severity |     | Description of Impact | Action Plan to mitigate harmful impacts |  |  |
|-----------------------------------|--------------------------|-----|-----------------------|---|--|--|
| of Project Activity               | None                     | Low | Moderate              | High                                    |  |  |
| Increase in hazardous waste such  |                          |     |                       |   |  |  |
| as waste contaminated with oil,   |                          |     |                       |   |  |  |
| chemicals and used oil etc.       |                          |     |                       |   |  |  |
| Increase in infectious waste      |                          |     |                       |   |  |  |
| Increase in electronic waste      |                          |     |                       |   |  |  |
| Other                             |                          |     |                       |   |  |  |
| 1.3 Biological resources          |                          |     | •                     |   |  |  |
| Impacts on forest areas and land- |                          |     |                       |   |  |  |
| use change                        |                          |     |                       |   |  |  |
| Loss of land and wildlife         |                          |     |                       |   |  |  |
| ecosystem                         |                          |     |                       |   |  |  |
| Loss of water resources and       |                          |     |                       |   |  |  |
| aquatic ecosystem                 |                          |     |                       |   |  |  |
| Foraging                          |                          |     |                       |   |  |  |
| Food                              |                          |     |                       |   |  |  |
| Other                             |                          |     |                       |   |  |  |
| 1.4 Human livelihood              |                          |     |                       |   |  |  |

| Potential Impact                    | Potential Impact Level of Impact Severity |     | Description of Impact | Action Plan to mitigate harmful impacts |  |  |
|-------------------------------------|---|-----|-----------------------|---|--|--|
| of Project Activity                 | None                                      | Low | Moderate              | High                                    |  |  |
| Water drainage or waterway          |   |     |                       |   |  |  |
| diversion                           |   |     |                       |   |  |  |
| Change in water consumption         |   |     |                       |   |  |  |
| Change in land ownership            |   |     |                       |   |  |  |
| Other                               |   |     |                       |   |  |  |
| 2. Social impacts                   |   |     | •                     |   |  |  |
| Public security such as increase in |   |     |                       |   |  |  |
| crime risks                         |   |     |                       |   |  |  |
| Health impacts                      |   |     |                       |   |  |  |
| Relocation or                       |   |     |                       |   |  |  |
| temporary/permanent loss of land    |   |     |                       |   |  |  |
| Loss of housing                     |   |     |                       |   |  |  |
| Impact on public utilities such as  |   |     |                       |   |  |  |
| electricity, telephone service etc. |   |     |                       |   |  |  |
| Impact on traffic                   |   |     |                       |   |  |  |
| Community conflict                  |   |     |                       |   |  |  |
| Employment and labor                |   |     |                       |   |  |  |

| Potential Impact                  | Potential Impact Level of Impact Severity |     | Description of Impact | Action Plan to mitigate harmful impacts |  |  |
|-----------------------------------|---|-----|-----------------------|---|--|--|
| of Project Activity               | None                                      | Low | Moderate              | High                                    |  |  |
| Impact on people of certain race, |   |     |                       |   |  |  |
| religion and ethnic groups        |   |     |                       |   |  |  |
| Damage to areas of high           |   |     |                       |   |  |  |
| conservation value, such as       |   |     |                       |   |  |  |
| religious sites, historic sites,  |   |     |                       |   |  |  |
| monuments, important places of    |   |     |                       |   |  |  |
| the community etc.                |   |     |                       |   |  |  |
| Impact on human rights such as    |   |     |                       |   |  |  |
| education, freedom of thought,    |   |     |                       |   |  |  |
| religion etc.                     |   |     |                       |   |  |  |
| Gender inequality such as in      |   |     |                       |   |  |  |
| employment opportunities, salary, |   |     |                       |   |  |  |
| promotion, benefits, termination  |   |     |                       |   |  |  |
| of contract etc.                  |   |     |                       |   |  |  |
| Other                             |   |     |                       |   |  |  |
| 3. Economic impacts               |   |     |                       |   |  |  |
| Increase unemployment /loss of    |   |     |                       |   |  |  |
| income of people in local         |   |     |                       |   |  |  |
| communities                       |   |     |                       |   |  |  |

| Potential Impact    | Level of Impact Severity |     |          |      | Description of Impact | Action Plan to mitigate harmful impacts |
|---------------------|--------------------------|-----|----------|------|-----------------------|---|
| of Project Activity | None                     | Low | Moderate | High |                       |   |
| Other               |                          |     |          |      |                       |   |

#### \*Criteria for assessing the level of impact severity

- 1. None: The proposed activity has no direct/indirect impacts on the environment, society and economy.
- 2. Low: The proposed activity causes some changes to the existing conditions but has no implication on the quality of the environment, society and economy. The impact is short-lived and temporary, and the extent of the affected area is not large (1km perimeter).
- 3. Moderate: The proposed activity causes some changes to the existing conditions and has implications on values or qualities of the environment, society and economy. The impact is short-lived and temporary. The extent of the affected area is large but confined to the related area (2km perimeter).
- 4. High: The proposed activity causes some changes to the existing conditions and has implications on value or quality of the environment, society, economy, and potentially the ecosystem. The impact is permanent and the extent of the affected area id extensive (3km perimeter).

### 2.2 Monitoring negative impact

- Provide the details of the impacts indicated under 2.1
- Specify monitoring measures for the identified action plans to mitigate harmful impacts to monitor and assess the implementation of such action plans.

(Tables can be added based on the number of negative impacts identified)

| Category of negative impact |  |
|-----------------------------|--|
| Subcategory of negative     |  |
| impact                      |  |
| Vulnerable group            |  |
| Possible negative impact    |  |
| Parameter/indicator         |  |
| Reference                   |  |
| Duration/frequency          |  |
| Methodology/Tools           |  |
| Responsible person          |  |
| Expected outcome            |  |
|                             |  |
| Category of negative impact |  |
| Subcategory of negative     |  |
| impact                      |  |
| Vulnerable group            |  |
| Possible negative impact    |  |
| Parameter/indicator         |  |
|                             |  |
|                             |  |
| Reference                   |  |
| Duration/frequency          |  |
| Methodology/Tools           |  |
| Responsible person          |  |
| Expected outcome            |  |
|                             |  |