**Project Information (Solid Waste Anaerobic Digestion Treatment)**

1. Project Name / Title:
2. Project Owner (Proponent):
3. Liaison Officer/Manager:
4. Land Ownership:
5. Postal Address:
6. Cellular:
7. E-Mail:
8. Lot number:
9. Project Area Coverage:
10. Total Land Area:
11. Project Cost:
12. Operation:
13. Shift per day:
14. Working days:
15. Any days for maintenance:
16. Names of the machines:
17. Man Power:

|  |  |
| --- | --- |
| **Position** | **No.**  |
| Manager  |  |
| Accountant |  |
| Foreman |  |
| Laborers |  |
| … |  |
| **Total** |  |

1. How many trucks arrive to the site/day:
2. population size for the surrounding area:
3. General Land Classification

|  |  |  |
| --- | --- | --- |
| □Agricultural  | * Residential
 | * Tourism
 |
| □Industrial | * Forest Land
 | * Institutional
 |
| * Commercial
 | * Open Spaces
 | * Others, (Bush land)
 |

1. Project Components

|  |
| --- |
| **Facility** |
| Total area of the site |  |
| Maximum height of infrastructure |  |
| Parking Area  |  |
| Management office Bldg.  |  |
| Labors Bldg. |  |
| Others, Pls. Specify  |  |

1. Water Resources and Infrastructure

|  |  |  |
| --- | --- | --- |
| Water Supply Source | Yes | No |
| Existing Public Water |  |  |

1. Deep Well (Underground tanks)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Water Source |  No. Wells/Hand Pump/Tanks  | Location  | Depth (m)  | Discharge (liter / sec)  |
| Deep Well w/ Manual Hand Pump |  |  |  |  |
| Deep Well w/ Electric or Motor Pump |  |  |  |  |

1. Rainwater

 □ Collected in Storage Tanks

 □ Collected in Reservoir

 □ Other specify.

1. Drainage System

Type of drainage:

□ On-site system

* Public drainage system
* Natural outfall / water body
1. Surface Water close to site

|  |  |  |  |
| --- | --- | --- | --- |
| Water Source | Name of Water Body  | Location  | Distance |
| 1. Creek  |  |  |  |
| 2. Spring  |  |  |  |
| 3. Stream  |  |  |  |
| 4. River  |  |  |  |
|  5. Others  |  |  |  |

1. Sewage Disposal System
2. Power Supply (Source of Power)

 □ Local Electric

□ Own Generator Capacity: 250 KVA

* Others, pls. specify
1. **Description of the Existing Environment**

|  |  |  |  |
| --- | --- | --- | --- |
| 1. **Physical Environment**
 |  |  |  |
| 3. Are there areas in the site where indications of soil erosion are occurring? If yes, what activities are causing erosion?  |  |  |  |
| Causes of erosion: | * Heavy Rains
 | * Unstable Slopes
 | * Others, pls. specify
 |
| Do you know of any land sliding occurring or that has occurred in the site? Cause of Landslide:  |
| * Earthquake
 | * Unstable slopes
 | * Earthmoving
 | * Others, pls. specify
 |
| Has the area experienced any flooding during the wet season? |  |
| If yes, when was the last time the area was flooded? Period(s) of flooding: |
| Causes of flooding: | low area | poor drainage | water logged areas |
| Soil type of the area | □Clayey soil  | * Sandy loam soil
 | * Sandy soil
 | * Other soil types:
 |
| Is there an access road going to the project site? If yes, what is its distance to the site  |  Type of access road:  |
| Does the site conform to the approved land use of the municipality? |  |
| Are there existing structures or developments around the project site? If yes, please list them  |  |
| **B. Biological Environment** |
| Do there exist any trees and other types of vegetation in the *project site*? If yes, please *identify*.  |  |
| Are there birds and other forms of wildlife found in the area? Please *identify*.  |  |
|  Are there fishery resources in the water bodies found near or within the site? Please *identify*.  |
| Is the site near or within a watershed or forest reservation area? If near, only, how near? \_\_\_\_\_\_\_\_\_\_\_ m or km If within, indicate name of the watershed or forest reservation area  |
| Is the site adjacent to a natural ecosystem? Coastal/ Marine  | * Forest
* Mangrove
 | * Grassland

Agriculture  |
| **C. Socio-Economic Environment** |
|  1. Are there existing settlements in the proposed site? If yes, indicate the number of: (within 50m radius) Households/Families:  |
|  Are there existing social infrastructures in the area?  | Schools (4) | Hospitals (1) | Churches (4) |

1. **Pre-Construction/Construction Phase Of The Project Site**

|  |  |  |
| --- | --- | --- |
| **Project Activities Affecting the Physical Environment** | **Yes** | **No** |
| Will the sewage out fall and drainage system drain into the nearby or adjacent surface water body?  |  |  |
| Will the waste disposal site be adequate to meet the projected solid wastes in the area?  |  |  |
| Will there be topsoil removal and re-placement? If yes, how much of the removed topsoil will be replaced? [ ] Entire volume , [ ✓] Partial only |  |  |
| If partial only, where will the rest of the topsoil be deposited? On the surface of the project land. |
| If no, what will happen to the excavated topsoil? |
| Is there a prevailing water shortage or water supply problem in the area?  |  |  |
| Will there be land and vegetation clearing? If Yes, what is the total area to be cleared?  |  |  |
| Will there be trees to be affected during the clearing? yes pear trees |  |  |
|  3. Will there be demolition of existing structures? If yes, what types of structures will be demolished? Types of Structures:  |  |  |
| 4. Will there be earthmoving activities, e.g. excavation work, cut and fill, etc? If, yes, how deep is the excavation and how much is the estimated volume of cut and fill?  Average depth of excavation (m): \_\_\_\_\_\_\_\_\_, Estimated Volume of cut and fill (m3) \_\_\_\_\_\_\_\_\_\_  |  |  |
| 5. Will there be stockpiling of soil, sand and gravel materials in the project area?  |  |  |
| 6. Will there be drillings, hammering and boring activities?  |  |  |
| 7. Will there be any slope modifications or ground leveling to be done?  |  |  |
| 8. Is there a need to construct an access road going to the site? If Yes, what type of access road:[ ] all weathered road, length \_\_\_\_\_(m) width \_\_\_\_, [ ] concrete, [ ] asphalt |  |  |

|  |  |  |
| --- | --- | --- |
| **Project Activities Affecting the Biological Environment** | **Yes** | **No** |
| Type of vegetation on site |  |  |
|  1. Will there be vegetation clearing?  |  |  |
|  2. Will clearing activities affect any critical wildlife habitats?  |  |  |
|  3. Will clearing activities affect any rare, threatened or endangered plant and animal species?  |  |  |
| 4. Will there be trees to be affected (e.g. cut down; remove) during the clearing? If yes, how many and what are these species of trees? |  |  |

|  |  |  |
| --- | --- | --- |
| **Project Activities Affecting the Socio-Cultural and Economic Environment** | **Yes** | **No** |
| 1. Will there be settlements to be affected?
2. If yes, how many households will be affected? Total No. of Household/Families:
 |  |  |
| Will there be locals to be hired during construction? |  |  |
| 5. Will there be an increase in economic activity in the area or arise in associated project? |  |  |
| 6. Will the project cause an increase in traffic or disrupt traffic in major routes due to the entry and exit of construction equipment? |  |  |