

**J. Procedure for Waste Water Treatment,
Solid Waste Management and ECC
Applications for EZ development
(Final Version)**

J. Waste Water Treatment, Solid Waste Management and ECC Application

1. An Economic Zone (EZ) is identified, by definition, as an Industrial Estate under ECR'97 and therefore, it is deemed as a Red Category Project. Along with the accumulation of economic activity, it will always bring certain level of deterioration to the environment. In order to mitigate the damage and protect the integrity of environment, installation of treatment facilities, such as Sewage Treatment Plant (STP) and Central Effluent Treatment Plant (CETP) are necessary in terms of Waste Water Treatment in the Economic Zones before the unit investors starts their operation. The construction of STP which will be used by EZ developer to treat the domestic waste waters coming from Administration Building which accommodates offices, food court, medical clinic, bank and other supporting facilities is a must before the EZ goes into operation.

If the developer of the Economic Zone decides to outsource the installation and operation of treatment facilities, the investors of those facilities will be regarded as a unit investor to the Economic Zone and will be bond to follow the Acts and Rules applicable for them. Meantime, the EZ developer is requested to get the Environmental Clearance Certificate (ECC) from the Department of Environment (DOE) for all those environmental-related facilities before the commencement of its operations. It is also required to get an ECC for the entire properties of Economic Zone from DOE.

J.1. Required procedure for Waste Water Treatment

Step 1 - The developer of the Economic Zone goes through the processes of Site Clearance, TOR Approval and EIA Approval by the Department of Environment (DOE), the Ministry of Environment and Forestry. The EIA report of the EZ must contain the details of estimated land that is reserved for the treatment facilities and the position of the treatment facilities in the masterplan of the EZ. The Environmental Clearance procedure of the Treatment Facilities start from here.

Step 2 - After the EZ developer gets EIA approval for the Economic Zone, the developer of the treatment facility can submit the required documents to BEZA along with the “**Draft TOR**” for a TOR Approval by DOE. The required documents include:

- a. General Information/ Profile of Treatment Facilities
- b. Approval of Project Registration from BEZA
- c. Location Map and Layout Plan
- d. Details of the Production Process with Flow Diagram
- e. Land Lease Agreement or Land Ownership Document or Land Allotment Letter
- f. Draft TOR

Step 3 - Site inspection by the BEZA to check the compliance of the submitted documents.

Step 4 - Forwarding of the required documents to DOE Head Office Online

Step 5 - Approval of TOR for EIA by DOE Head Office

Step 6 - Conducting EIA study by a consultant appointed by the investors. EIA Study will contain-

- a. Primary baseline data (i.e. Air Quality, Water Quality, Soil Quality and Sound Level Report) of EIA study conducted incorresponding to an assumed offered area from the project.
- b. Comprehensive Environmental Management Plan (EMP) which will include the environmental management plan of both the construction stage and operation stage of EZ development.

Step 7 - Submission of Application for EIA Approval to BEZA along with the following documents:

- a. EIA Report on the basis of approved TOR
- b. Filled up Form-3 (in case of offline submission)

- c. NOC from relevant government authority
- d. ECC Application Fee + 15% VAT
- e. Feasibility Study (if required)

Step 8 - Forwarding of the application for EIA Approval to DoE with additional documents

Step 9 - Offline submission of the EIA report to the relevant field office along with Confirmation of online submission with a copy to DOE head office (total 2 copies).

Step 10 - Approval of the EIA by DOE.

Step 11 - Approval of the Detailed Design and Technical Specifications of the facilities by the Building Committee of BEZA.

The Developer of EZ shall prepare the Detailed Design and Technical Specification by appointing a certified engineer and submit these documents to the Building Committee of BEZA for their review and approval. After the approval of these documents, the Developer of EZ may commence the construction works at the project site.

Step 12 - Renewal of EIA Approval after each one-year period.

Step 13 - Submission of Application for both the ECC of treatment facilities as well as the ECC for Economic Zone to upon completion of Construction of treatment facilities and before going to the commercial operation

Step 14 - Forwarding of the Application for ECC to DOE

Step 15 - Project inspection by DOE for both EZ and treatment facilities at the same time to check compliance with approved EIA and other submitted documents.

Step 16 - Issuance of ECC of the treatment facilities and the Economic Zone at the same time by DOE.

Step 17 - The Economic Zone and the treatment facilities start their operation.

J.1.1. Detailed Procedure for the development of Sewage Treatment Plant(STP)

Key elements related for the development of Sewage Treatment Plant (STP) are as shown in the following table.

Table J-1: Key Elements for development of Sewage Treatment Plant

Particulars	Environmental Clearance Procedure (Proposed)
Competent Authority	Prime Minister's Office
Service window Agency	BEZA Office, Dhaka
Legal basis (Including applied standard)	Bangladesh Economic Zones Act, 2010 (amendment, 2015) Bangladesh Economic Zones Rules, 2014 Bangladesh Environmental Conservation Act, 1995 (ECA'95; amendment, 2010) Bangladesh Environmental Conservation Rules, 1997 (ECR'97)
Purpose	It is required to complete the environmental procedure and obtain an Environmental Clearance Certificate from Department of Environment (DOE) for different treatment facilities individually before the start of operation by EZ developer.
Assessment Points	To ensure conformity of the Construction and Operation phase of the project with all the relevant Acts and Rules as well as to raise environmental awareness among the investors and to minimize damage to the environment.
Required Documents for ECC	1. General information/ Project Profile 2. Investment Registration / Investment Clearance from BEZA 3. Location Map and Layout Plan 4. Details of the Production Process with Flow Diagram

Particulars	Environmental Clearance Procedure (Proposed)
	5. Land Lease Agreement or Land Ownership Document 6. Draft TOR 7. Feasibility Study* 8. NOC from relevant government authority* 9. ECC Application Fee + 15% VAT* 10. Filled up FORM- 3 for ECC* 11. EIA report as per Approved TOR* *Required for EIA Approval
Actual Procedures	2. The developer of the Economic Zone must apply for the TOR Approval and Site Clearance followed by an EIA approval. After obtaining EIA approval, they are allowed to start the development of the EZ. 3. The construction of Sewage Treatment Plant which will be used by EZ developer to treat the domestic waste waters coming from Administration Building which accommodates offices, food court, clinic, Bank and other supporting facilities is a must before the EZ goes into operation. 4. For constructing Sewerage Treatment Plant, the developer is required to following documents for TOR Approval to the BEZA- a. General Information/ Project Profile b. Approval of Investment Registration / Investment clearance from BEZA c. Location Map and Layout Plan d. Details of the Production Process with Flow Diagram e. Land Lease Agreement or Land Ownership Document or Land Allotment Letter f. Draft TOR 5. Afterwards, the relevant documents will be forwarded to DOE to start the application process for TOR Approval. 6. After an assessment of the documents by Environmental Clearance Committee & inspection of site by DOE, a TOR Approval will be issued by DOE if everything complies with the ECA & ECR. 7. After the TOR Approval, the developer is required to submit the completed EIA along with following documents to the BEZA- a. EIA Report on the basis of approved TOR b. Filled up Form-3 (in case of offline submission) c. NOC from relevant government authority d. ECC Application Fee + 15% VAT e. Feasibility Study 8. The application will then be forwarded to the DOE. EIA Report needs to be submitted to the Field Office with a copy to the Head Office (total 2 copies). 9. The field office will conduct a site visit organized by DOE and report it to the head office of DOE. Subsequently, the Environmental Clearance Committee will proceed to assess the EIA report which will result in the issuance of EIA Approval. 10. EIA Approval is subjected to renewal after each one-year period. 11. The EZ developer may commence the construction works only after they get an approval from the building committee of BEZA on the detailed design and technical specifications of the facilities which will be prepared by a certified engineer of the said disciplines. 12. After the completion of Construction, both the Investors of treatment facilities and the developer are supposed to apply for

Particulars	Environmental Clearance Procedure (Proposed)	
	<p>Environmental Clearance Certificate.</p> <p>13. The applications will then be forwarded to the DOE.</p> <p>14. DOE will then conduct a Project Inspection along with BEZA and will assess the compliance of the constructed treatment facilities and the economic zone with the approved EIA and ECR'97. If there is no discrepancy, the treatment facilities as well as the Economic Zone will be given ECC by DOE.</p> <p>15. After obtaining both the ECCs, the Economic Zone is allowed to start the operation of the project.</p>	
Processing Timeframe	From the day of application- 15 working days for obtaining a TOR Approval, 30 Working Days for an EIA Approval & 30 Working Days for an ECC	
Application Fee *1 Lac= 100,000 **1 Crore=10,000,000	Application Fee + 15% Government imposed VAT (Depends on the estimated total amount of Investment)	
	Investment (BDT)	Application Fee (BDT)
	1 Lac to 5 Lac	1,500
	5 Lac to 10 Lac	3,000
	10 Lac to 50 Lac	5,000
	50 Lac to 1 Crore	10,000
	1 Crore to 5 Crore	20,000
	5 Crore to 20 Crore	40,000
	20 Crore to 50 Crore	80,000
	50 Crore to 100 Crore	120,000
	200 Crore to 500 Crore	300,000
	500 Crore to 1000 Crore	400,000
Over 1000 Crore	500,000	
Payment Method	Payment through “Bangladesh Bank” or Sonali Bank	
Remarks	<ul style="list-style-type: none"> The developer of Treatment Facilities will be highly encouraged to adopt a “Zero Discharge Policy” for the development of Sewage Treatment Plant. 	

J.1.3. Detailed Procedure for the development of Central Effluent Treatment Plant(CETP)

Key elements related for the development of Waste Water Management (development of Central Effluent Treatment Plant (CETP) are as shown in the following table.

Table J-2: Key Elements for the development of Central Effluent Treatment Plant

Particulars	Environmental Clearance Procedure (Proposed)
Competent Authority	Prime Minister’s Office
Service window Agency	BEZA Office, Dhaka
Legal basis (Including applied standard)	Bangladesh Economic Zones Act, 2010 (amendment, 2015) Bangladesh Economic Zones Rules, 2014 Bangladesh Environmental Conservation Act, 1995 (ECA’95; amendment, 2010)
Purpose	It is required to complete the environmental procedure and obtain an Environmental Clearance Certificate from Department of Environment (DOE) for different treatment facilities individually before the start of operation by EZ developer.
Assessment Points	To ensure conformity of the Construction and Operation phase of the

Particulars	Environmental Clearance Procedure (Proposed)
	project with all the relevant Acts and Rules as well as to raise environmental awareness among the investors and to minimize damage to the environment.
Online Application	Online Application
Required Documents for ECC	<ol style="list-style-type: none"> 1. General information/ Project Profile 2. Approval of Investment Registration / Investment Clearance from BEZA 3. Location Map and Layout Plan 4. Details of the Production Process with Flow Diagram 5. Land Lease Agreement or Land Ownership Document 6. Draft TOR 7. Feasibility Study* 8. NOC from relevant government authority* 9. ECC Application Fee + 15% VAT* 10. Filled up FORM- 3 for ECC* 11. EIA report as per Approved TOR* <p>*Required for EIA Approval</p>
Actual Procedures	<ol style="list-style-type: none"> 1. The developer of the Economic Zone must apply for the TOR Approval and Site Clearance followed by an EIA approval. After obtaining EIA approval, they are allowed to start the development of the EZ. 2. Before constructing the treatment facilities, the developer may allot their lands to individual investors to get a clear view of the future of that EZ. But the construction of CETP along with other treatment facilities is a must before the EZ goes into operation. 3. Upon obtaining Investment Registration/Investment Clearance Approval by the investor for constructing treatment facilities, the investor is required to submit following documents for TOR Approval to the BEZA- <ol style="list-style-type: none"> a. General Information/ Project Profile b. Approval of Investment Registration / Investment Clearance from BEZA c. Location Map and Layout Plan d. Details of the Production Process with Flow Diagram e. Land Lease Agreement or Land Ownership Document or Land Allotment Letter f. Draft TOR 4. Afterwards, the relevant documents will be forwarded to DOE via online to start the application process for TOR Approval. 5. After an assessment of the documents by Environmental Clearance Committee & inspection of site by DOE, a TOR Approval will be issued by DOE if everything complies with the ECA & ECR. 6. After the TOR Approval, the investor is required to submit the completed EIA along with following documents to the BEZA- <ol style="list-style-type: none"> a. EIA Report on the basis of approved TOR b. Filled up Form-3 (in case of offline submission) c. NOC from relevant government authority d. ECC Application Fee + 15% VAT e. Feasibility Study 7. The application will then be forwarded to the DOE. EIA Report needs to be submitted to the Field Office with a copy to the Head Office (total 2 copies). 8. The field office will conduct a site visit organized by BEZA and

Particulars	Environmental Clearance Procedure (Proposed)	
	<p>report it to the head office of DOE. Subsequently, the Environmental Clearance Committee will proceed to assess the EIA report which will result in the issuance of EIA Approval.</p> <p>9. EIA Approval is subjected to renewal after each one-year period.</p> <p>10. The EZ developer may commence the construction works only after they get an approval from the building committee of BEZA on the detailed design and technical specifications of the facilities which will be prepared by a certified engineer of the said disciplines.</p> <p>11. After the completion of construction, both the investors of treatment facilities and the developer are supposed to apply for Environmental Clearance Certificate.</p> <p>12. The applications will then be forwarded to the DoE.</p> <p>13. DOE will then conduct a Project Inspection along with BEZA and will assess the compliance of the constructed CETP facilities and the Economic Zone with the approved EIA and ECR'97. If there is no discrepancy, the treatment facilities as well as the Economic Zone will be given ECC by DOE.</p> <p>14. After obtaining both the ECCs, the Economic Zone is allowed to start the operation of the project.</p>	
Processing Timeframe	From the day of application- <u>15</u> working days for obtaining a TOR Approval, <u>30</u> Working Days for an EIA Approval & <u>30</u> Working Days for an ECC	
Application Fee *1 Lac= 100,000 **1 Crore=10,000,000	Application Fee + 15% Government imposed VAT (Depends on the estimated total amount of Investment)	
	Investment (BDT)	Application Fee (BDT)
	1 Lac to 5 Lac	1,500
	5 Lac to 10 Lac	3,000
	10 Lac to 50 Lac	5,000
	50 Lac to 1 Crore	10,000
	1 Crore to 5 Crore	20,000
	5 Crore to 20 Crore	40,000
	20 Crore to 50 Crore	80,000
	50 Crore to 100 Crore	120,000
	200 Crore to 500 Crore	300,000
	500 Crore to 1000 Crore	400,000
Over 1000 Crore	500,000	
Payment Method	Payment through “Bangladesh Bank” or Sonali Bank	
Remarks	<ul style="list-style-type: none"> The developer of Treatment Facilities will be highly encouraged to adopt a “Zero Discharge Policy” for the development of a Central Effluent Treatment Plant (CETP). 	

J.1.2. Flow Diagram of the Procedure for STP and CETP development

Flow Diagram for the development of Waste Water Management (Sewage Treatment Plant and Central Effluent Treatment Plant) are as shown in the following diagram;

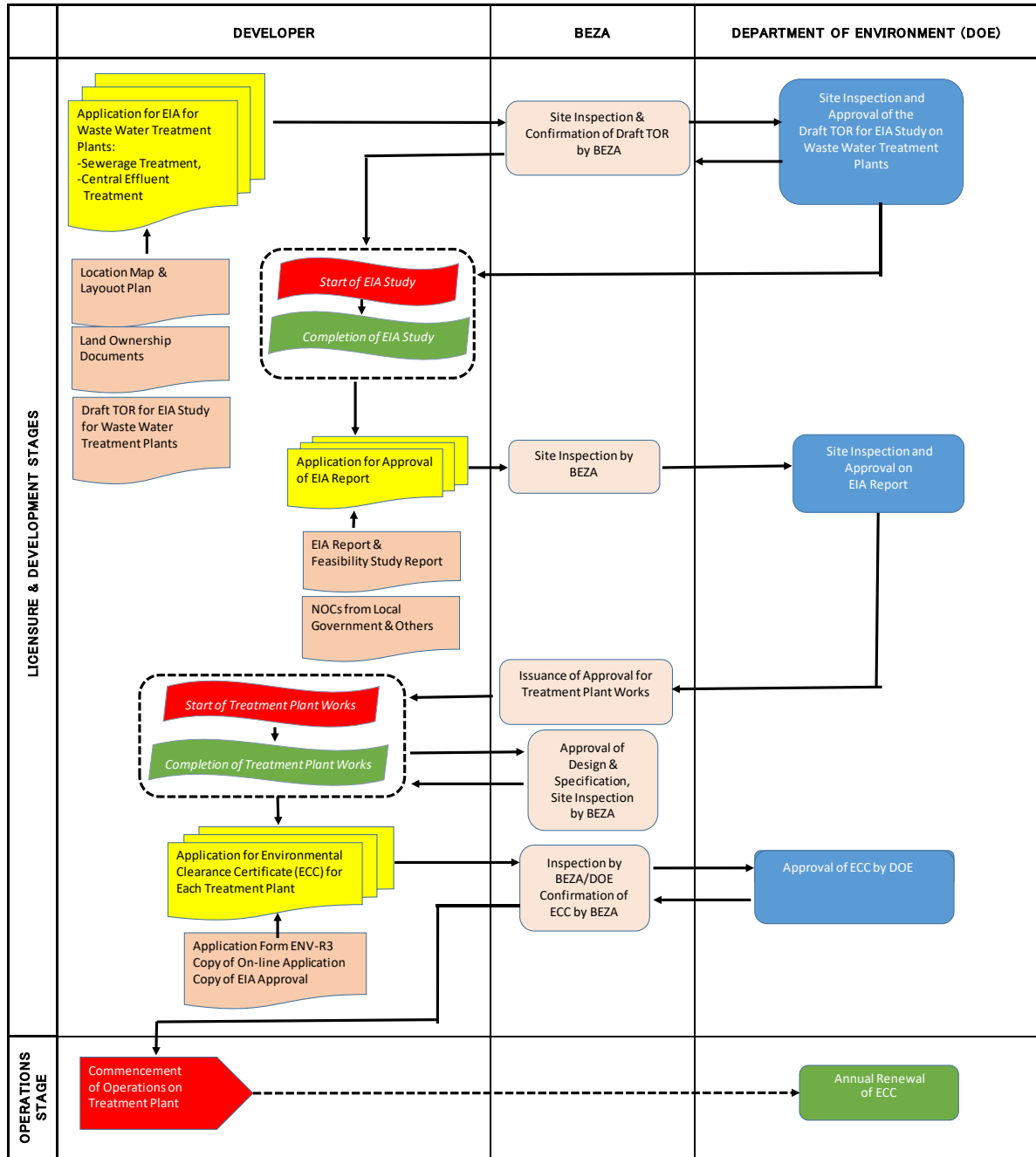


Figure J-1: Procedure for Waste Water Treatment development

J.2. Required procedure for Solid Waste (Hazardous & Non-hazardous) Management

Under the current legal systems in Bangladesh, the Unit Investor is required to find out a solution for Solid Waste Management (Both Hazardous & Non-Hazardous). Since the disposal of Non-hazardous Solid Waste falls the responsibility of Local Government, it is recommended to make an arrangement with the Local Government for a proper system of delivery of such Solid Waste being produced by the economic activities in the Economic Zone to the designated dumping site, whereas the Economic Zone developer may be requested to prepare an adequate space to temporarily receive and store such Solid Waste from Unit Investors for the period of waiting for the delivery of the waste to the hand of local government and final dumping site.

With regard to the Hazardous Solid Waste, it is the responsibility of Unit Investors to find out a proper solution either by appointing Hazardous Solid Waste Experts or disposing the waste by themselves.

J.2.1 Detailed Procedure for Hazardous & Non-hazardous Solid Waste Management

Key elements related for the Solid Waste (Hazardous & Non-hazardous) Management are as shown in the following table.

Table J-3: Key Elements related to the Solid Waste (Hazardous & Non-hazardous) Management

Required Documents	<ol style="list-style-type: none"> 1. General information/ Project Profile 2. Approval of Investment Registration / Investment Clearance from BEZA 3. Location Map and Layout Plan 4. Details of the Production Process with Flow Diagram 5. Land Lease Agreement or Land Ownership Document 6. Draft TOR 7. Feasibility Study 8. NOC from relevant government authority* 9. ECC Application Fee + 15% VAT* 10. Filled up FORM- 3 for ECC* 11. EIA report as per Approved TOR* <p>*Required for EIA Approval</p>
Legal Basis	<p>Bangladesh Economic Zones Act, 2010 (amendment, 2015) Bangladesh Economic Zones Rules, 2014 Bangladesh Environmental Conservation Act, 1995 (ECA'95; amendment, 2010) Hazardous Waste and Ship Breaking Waste Management Rules, 2011</p>
Actual Procedures	<ol style="list-style-type: none"> 1. The developer of the Economic Zone must apply for the TOR Approval and Site Clearance followed by an EIA approval. After obtaining EIA approval for the EZ, they are allowed to start the development of the EZ. 2. Before constructing the solid waste management facility (non hazardous), the developer must conduct EIA and must get ECC from DoE for solid waste management plan (non-hazardous) separately. 3. For constructing solid waste management facility (non hazardous), the developer is required to submit following documents for TOR Approval to the BEZA- <ol style="list-style-type: none"> a. General Information/ Project Profile b. Approval of Investment Registration / Investment Clearance from BEZA c. Location Map and Layout Plan d. Details of the Production Process with Flow Diagram e. Land Lease Agreement or Land Ownership Document or Land Allotment Letter f. Draft TOR 4. Afterwards, the relevant documents will be forwarded to DOE to start the application process for TOR Approval. 5. After an assessment of the documents by Environmental Clearance Committee & inspection of site by DOE with BEZA, a TOR Approval will be issued by DOE if everything complies with the ECA & ECR. 6. After the TOR Approval, the developer is required to submit

	<p>the completed EIA along with following documents to the BEZA-</p> <ol style="list-style-type: none"> a. EIA Report on the basis of approved TOR b. Filled up Form-3 (in case of offline submission) c. NOC from relevant government authority d. ECC Application Fee + 15% VAT e. Feasibility Study <ol style="list-style-type: none"> 7. The application will then be forwarded to the DOE. EIA Report needs to be submitted to the Field Office with a copy to the Head Office (total 2 copies). 8. The field office will conduct a site visit organized by BEZA and report it to the head office of DOE. Subsequently, the Environmental Clearance Committee will proceed to assess the EIA report which will result in the issuance of EIA Approval. 9. EIA Approval is subjected to renewal after each one-year period. 10. The EZ developer may commence the construction works only after they get an approval from the building committee of BEZA on the detailed design and technical specifications of the facilities which will be prepared by a certified engineer of the said disciplines. 11. After the completion of Construction, the developer is supposed to apply for Environmental Clearance Certificate to BEZA. 12. The applications will then be forwarded to the DOE. 13. DOE will then conduct a Project Inspection with BEZA and will assess the compliance of the constructed treatment facilities and the economic zone with the approved EIA and ECR'97. If there is no discrepancy, the solid waste management facility (non-hazardous) will be given ECC by DOE. 																								
Required Processing Time	From the day of application- <u>15</u> working days for obtaining a TOR Approval, <u>30</u> Working Days for an EIA Approval & <u>30</u> Working Days for an ECC																								
Application Fee *1 Lac= 100,000 **1 Crore=10,000,000	<p>Application Fee + 15% Government imposed VAT (Depends on the estimated total amount of Investment)</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Investment (BDT)</th> <th style="text-align: right;">Application Fee (BDT)</th> </tr> </thead> <tbody> <tr> <td>1 Lac to 5 Lac</td> <td style="text-align: right;">1,500</td> </tr> <tr> <td>5 Lac to 10 Lac</td> <td style="text-align: right;">3,000</td> </tr> <tr> <td>10 Lac to 50 Lac</td> <td style="text-align: right;">5,000</td> </tr> <tr> <td>50 Lac to 1 Crore</td> <td style="text-align: right;">10,000</td> </tr> <tr> <td>1 Crore to 5 Crore</td> <td style="text-align: right;">20,000</td> </tr> <tr> <td>5 Crore to 20 Crore</td> <td style="text-align: right;">40,000</td> </tr> <tr> <td>20 Crore to 50 Crore</td> <td style="text-align: right;">80,000</td> </tr> <tr> <td>50 Crore to 100 Crore</td> <td style="text-align: right;">120,000</td> </tr> <tr> <td>200 Crore to 500 Crore</td> <td style="text-align: right;">300,000</td> </tr> <tr> <td>500 Crore to 1000 Crore</td> <td style="text-align: right;">400,000</td> </tr> <tr> <td>Over 1000 Crore</td> <td style="text-align: right;">500,000</td> </tr> </tbody> </table>	Investment (BDT)	Application Fee (BDT)	1 Lac to 5 Lac	1,500	5 Lac to 10 Lac	3,000	10 Lac to 50 Lac	5,000	50 Lac to 1 Crore	10,000	1 Crore to 5 Crore	20,000	5 Crore to 20 Crore	40,000	20 Crore to 50 Crore	80,000	50 Crore to 100 Crore	120,000	200 Crore to 500 Crore	300,000	500 Crore to 1000 Crore	400,000	Over 1000 Crore	500,000
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Payment Method	Payment through “Bangladesh Bank” or Sonali Bank																								
Remarks	<ul style="list-style-type: none"> • Individual Environment Clearance is necessary for solid waste management (non-hazardous) before getting environment clearance for the whole EZ. 																								

J.2.2. Flow Diagram of the Procedure for Hazardous & Non-hazardous Solid Waste Management

Flow Diagram for the Solid Waste (Hazardous & Non Hazardous) Management are as shown in the following diagram;

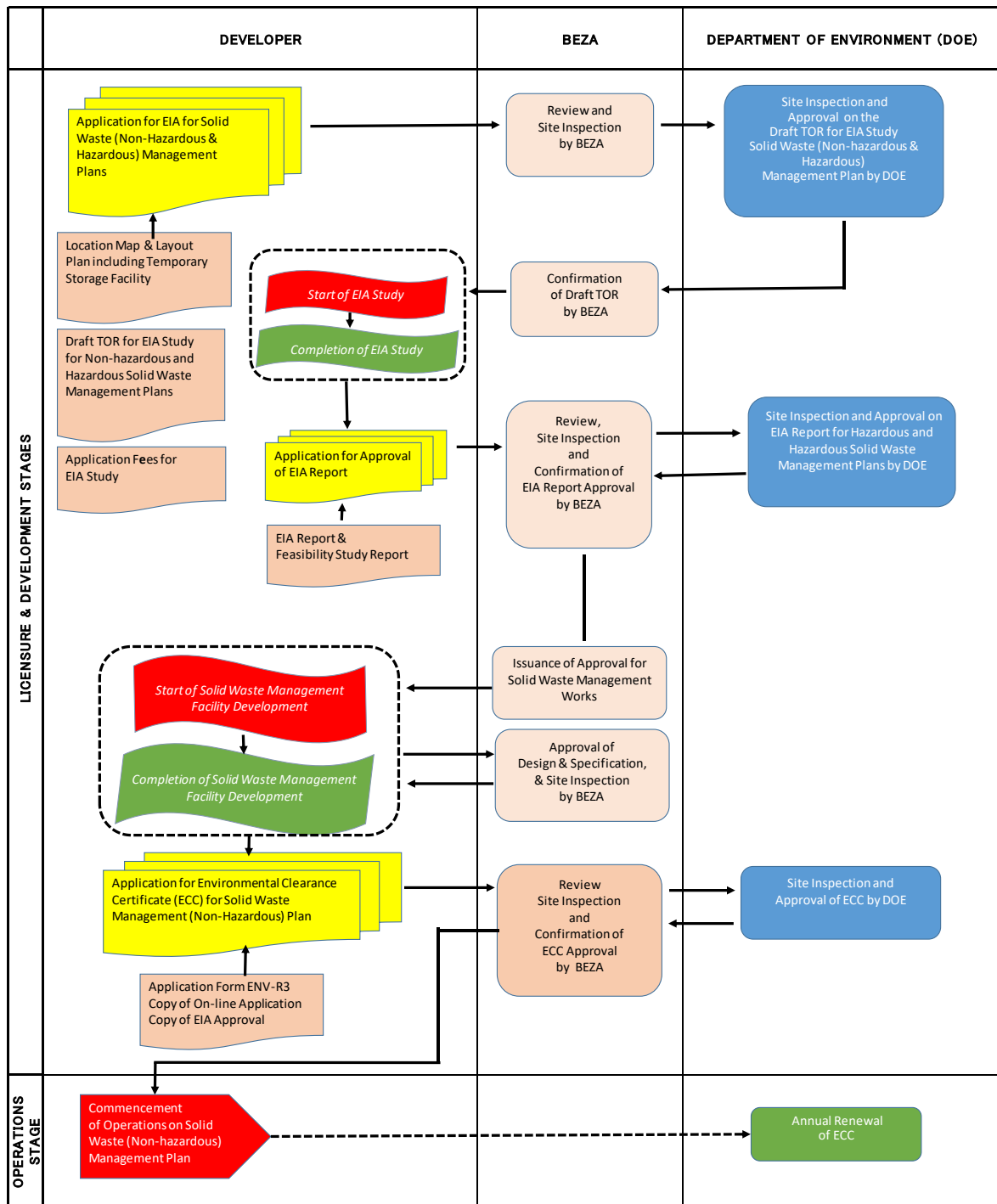


Figure J-2: Flow Diagram for the Solid Waste (Hazardous & Non-hazardous) Management

J.2.3. The Procedure and Flow Diagram for the Application of an ECC for the entire Economic Zone.

Article No. 12 Environmental Clearance Certificate, Environmental Conservation Act, 1995, the developer of Economic Zone is requested to apply and secure an Environmental Clearance Certificate (ECC) for the entire property of the Economic Zone from the Department of Environment (DOE) . Key elements related for the application of ECC are as shown in the following table.

Table J-4: Key Elements related to the application of ECC for the entire EZ

Required Documents	<ol style="list-style-type: none"> 1. Filled up FORM- 3 for ECC* 2. Copy of EIA Approval Letter
Legal Basis	<p>Bangladesh Economic Zones Act, 2010 (amendment, 2015) Bangladesh Economic Zones Rules, 2014 Bangladesh Environmental Conservation Act, 1995 (ECA '95; amendment, 2010) Bangladesh Environmental Conservation Rules, 1997 (ECR'97; Hazardous Waste and Ship Breaking Waste Management Rules, 2011</p>
Actual Procedures	<ol style="list-style-type: none"> 1. After the completion of Construction, the EZ developer is supposed to apply for Environmental Clearance Certificate. He has to fulfill the conditions given by DoE in EIA Approval letter like providing greenery and water bodies, ECC of treatment facilities and taking other mitigation measures. 2. The applications will then be forwarded to the DoE. 3. DOE will then conduct a Project Inspection with BEZA and will assess the compliance of the constructed treatment facilities and the Economic Zone with the approved EIA and ECR'97. If there is no discrepancy, the entire EZ will be given ECC by DoE.
Required Processing Time	From the day of application- <u>30</u> Working Days for an ECC
Application Fee	Not required
Payment Method	Payment through "Bangladesh Bank" or Sonali Bank
Remarks	<ul style="list-style-type: none"> • The developer can not not apply for ECC of the whole EZ before getting the individual ECC for the individual treatment facilities.

Flow Diagram for the application of an ECC for the entire Economic Zone are as shown in the following diagram;

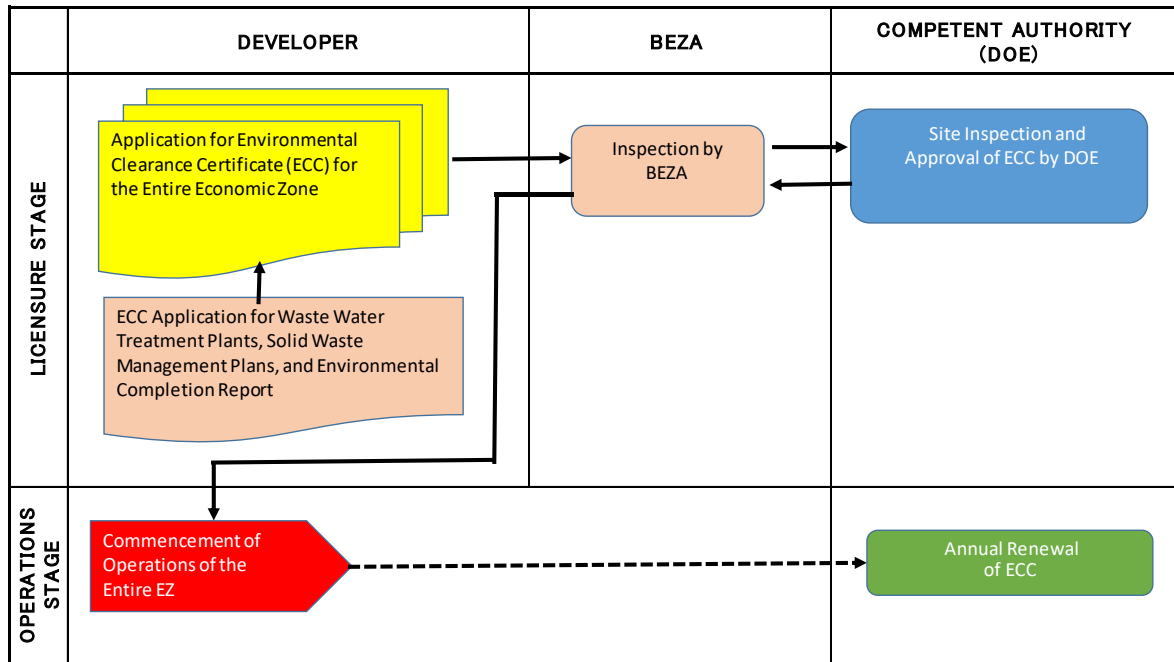


Figure J-4: Flow Diagram for the application of ECC for the entire Economic Zone

List of Forms

Form No.	Name
FORM ENV-R-1	Application for Approval of Terms of Reference (TOR)
FORM ENV-R-2	Application Form for EIA Approval
FORM ENV-R-3	Application Form for Environmental Clearance Certificate
FORM ENV-R-4	Application Form for Environmental Clearance Renewal

Application for Approval of Terms of Reference (TOR)

(For RED Category Projects)

FORM ENV-R-1

1. Name of Industry/Project :
- a) Address of Industry/Project :
 - i. Project District : Drop Down Menu
 - ii. Project Thana : Drop Down Menu
 - iii. Submitting DoE Office : Auto-Select
- b) Present Address of the Office :
2. Type of Industry :
3. Entrepreneur's Name :
 - a) Entrepreneur's Designation :
 - b) Phone :
 - c) Email :
 - d) Mobile :
4. Name of Company :
 - a) Total Investment :
 - b) Land Area (m²/acre/hectare) :
 - c) Probable Date for Starting Construction (DD/MM/YYYY) :
 - d) Probable Date for Completion of :

- Construction (DD/MM/YYYY)**
- e) Probable Date for Trial Operation :
- (DD/MM/YYYY)
- f) Probable Date for Start of Production :
- (DD/MM/YYYY)
5. Total Manpower :
6. Name of Product :
- a) Quantity to be Produced Everyday :
- b) Unit :
7. Name of Raw Material :
- a) Quantity to be Used Daily :
- b) Unit :
8. Name of Fuel :
- a) Quantity of Fuel to be used Daily :
- b) Unit :
- c) Source of Fuel :
9. Source of Water :
- a) Amount to be Used Daily (m³/day) :
10. Probable Quantity of Daily Liquid Waste (m³/day) :
- a) Location of Waste Discharge :
11. Probable quantity of Daily Emission of :
- Gaseous Substance

- a) Unit :
- b) Mode of Emission of gaseous substance :
12. Design & Time schedule of proposed Effluent Treatment Plant : Attachment
- a) Fund allocated for ETP :
- b) Area (m²/acre/hectare) for ETP :
13. Production Process with Process Flow Diagram : Attachment
14. Location map of Industrial unit or project : Attachment
15. Layout plan (with location of Effluent Treatment Plant) : Attachment
16. Feasibility Report : Attachment
17. Draft Terms of Reference (TOR) : Attachment

Application Form for EIA Approval

(For RED Category Projects)

FORM ENV-R-2

A) General Information:

I. Brief Description of the Industry or Project :

1. Name of Industry/Project :

(i) Current Address of Industry/Project :

(ii) Project District :

Drop Down Menu

(iii) Project Thana :

Drop Down Menu

(iv) Submitting DoE Office :

Auto-Select

(v) Present Address of the Office :

2. Name of Company :

3. Estimated Amount of Investment :

4. Total Land Area :

(i) Occupied by the Project (m²/acre) :

(ii) Empty Space (m²/acre) :

(iii) Land for Tree Plantation (m²/acre) :

5. Total Manpower :

6. Fee Category :

Industry Brick

(i) Fee :

Drop Down Menu

- (ii) Bank Challan : Attachment
- (iii) VAT Paper : Attachment
- 7. Probable Date for Starting Construction (DD/MM/YYYY) :
- 8. Probable Date for Completion of Construction (DD/MM/YYYY) :
- 9. Probable Date for Start of Test Production (DD/MM/YYYY) :
- 10. Probable Date for Start of Production (DD/MM/YYYY) :
- 11. Name of Product :
- (i) Quantity to be Produced Daily :
- (ii) Unit :
- 12. Name of Raw Material :
- (i) Quantity to be Used Daily :
- (ii) Unit :
- 13. Name of Fuel :
- (i) Quantity of Fuel to be Used Daily :
- (ii) Unit :
- (iii) Source of Fuel :
- 14. Source of Water :
- (i) Amount to be Used Daily (m³/day) :
- 15. Probable Quantity of Daily Liquid Waste (m³/day) :
- (i) Location of Waste Discharge :
- 16. Probable quantity of Daily Emission of :

Gaseous Substance

(i) Unit :

(ii) Mode of Emission of gaseous substance :

17. Information of Investor:

(i) Entrepreneur's Name :

(ii) Entrepreneur's Designation :

(iii) Mobile :

(iv) Cell Phone :

(v) Email :

(vi) Organization Structure :

Attachment

A) Contents of Environmental Impact Assessment:

Name of content	Included	N/A	Remarks if N/A is Checked
1) Executive Summary	<input type="checkbox"/>	<input type="checkbox"/>	
2) Description of the Project			
(i) Basic Information of the Project	<input type="checkbox"/>	<input type="checkbox"/>	
(ii) Site Description	<input type="checkbox"/>	<input type="checkbox"/>	
(a) Topography of the Site & Surrounding Area	<input type="checkbox"/>	<input type="checkbox"/>	
(b) GIS Map of Location	<input type="checkbox"/>	<input type="checkbox"/>	
(iii) Details of Associated Facilities (e.g. Jetty, ETP, Office Buildings etc.)	<input type="checkbox"/>	<input type="checkbox"/>	
(iv) Mode of Fuel Transportation	<input type="checkbox"/>	<input type="checkbox"/>	
(v) Details of Project Activity (e.g. Site Preparation, Road Construction, Drainage etc.)	<input type="checkbox"/>	<input type="checkbox"/>	

(vi) Details of Process Flow with Flow Diagram	<input type="checkbox"/>	<input type="checkbox"/>	
(vii) Details Description of the Equipment	<input type="checkbox"/>	<input type="checkbox"/>	
(viii)Others	<input type="checkbox"/>	<input type="checkbox"/>	
3) Policy and Legal Framework			
(i) Brief Description of National Policies	<input type="checkbox"/>	<input type="checkbox"/>	
(ii) Brief Description of Applicable National Acts and Rules	<input type="checkbox"/>	<input type="checkbox"/>	
(iii) Brief Description of Applicable International Regulations	<input type="checkbox"/>	<input type="checkbox"/>	
(iv) Applied Standards	<input type="checkbox"/>	<input type="checkbox"/>	
(v) Others	<input type="checkbox"/>	<input type="checkbox"/>	
4) Baseline Data			
(i) Primary Baseline Data of EIA prepared by Corresponding Zone Developer	<input type="checkbox"/>	<input type="checkbox"/>	
(ii) Primary Baseline Data of the Area (Optional)	<input type="checkbox"/>	<input type="checkbox"/>	
(iii) List of Surrounding Industries and their Distance from the Proposed Industry	<input type="checkbox"/>	<input type="checkbox"/>	
(iv) Others	<input type="checkbox"/>	<input type="checkbox"/>	
5) Identification of Impacts			
(i) Identification of Each Impact During Construction Stage	<input type="checkbox"/>	<input type="checkbox"/>	
(a) Impact on Air Environment	<input type="checkbox"/>	<input type="checkbox"/>	
(b) Impact on Water Environment	<input type="checkbox"/>	<input type="checkbox"/>	
(c) Impact on Acoustic Environment	<input type="checkbox"/>	<input type="checkbox"/>	
(d) Sanitation Hazard & Drinking water	<input type="checkbox"/>	<input type="checkbox"/>	
(e) Overland Drainage and Impact on Surface Water	<input type="checkbox"/>	<input type="checkbox"/>	
(f) Accidents or Occupational Health	<input type="checkbox"/>	<input type="checkbox"/>	

Hazards			
(g) Impact due to Rise in Vehicular Traffic	<input type="checkbox"/>	<input type="checkbox"/>	
(h) Other Impacts	<input type="checkbox"/>	<input type="checkbox"/>	
(ii) Identification of Impacts During Operation Phase	<input type="checkbox"/>	<input type="checkbox"/>	
(a) Impact on Air Environment (with Air Dispersion Modelling)	<input type="checkbox"/>	<input type="checkbox"/>	
(b) Impact due to Liquid Discharge (with Thermal Plume Modelling in case of thermal Discharge)	<input type="checkbox"/>	<input type="checkbox"/>	
(c) Impact due to Solid Waste	<input type="checkbox"/>	<input type="checkbox"/>	
(d) Impact due to Hazardous Waste	<input type="checkbox"/>	<input type="checkbox"/>	
(e) Noise and Vibration Impacts (With Noise Modelling)	<input type="checkbox"/>	<input type="checkbox"/>	
(f) Socio-economic Impact	<input type="checkbox"/>	<input type="checkbox"/>	
(g) Accidents or Occupational Health Hazards	<input type="checkbox"/>	<input type="checkbox"/>	
(h) Other Impacts	<input type="checkbox"/>	<input type="checkbox"/>	
(iii) Beneficial Impacts and Enhancement	<input type="checkbox"/>	<input type="checkbox"/>	
6) Environmental Management Plan (EMP)			
(i) Management Plan During Construction	<input type="checkbox"/>	<input type="checkbox"/>	
(a) Atmospheric Emission/Dust Management	<input type="checkbox"/>	<input type="checkbox"/>	
(b) Management of Liquid Waste	<input type="checkbox"/>	<input type="checkbox"/>	
(c) Management of Solid Wastes	<input type="checkbox"/>	<input type="checkbox"/>	
(d) Domestic Sewage Management	<input type="checkbox"/>	<input type="checkbox"/>	
(e) Noise & Vibration Level Management	<input type="checkbox"/>	<input type="checkbox"/>	
(f) Monitoring Plan during construction	<input type="checkbox"/>	<input type="checkbox"/>	

(g) Management of Drainage Activity	<input type="checkbox"/>	<input type="checkbox"/>	
(h) Workers' Safety	<input type="checkbox"/>	<input type="checkbox"/>	
(i) Others	<input type="checkbox"/>	<input type="checkbox"/>	
(ii) Management Plan During Operation	<input type="checkbox"/>	<input type="checkbox"/>	
(a) Atmospheric Emission Management	<input type="checkbox"/>	<input type="checkbox"/>	
(b) Management of Solid Wastes	<input type="checkbox"/>	<input type="checkbox"/>	
(c) Water & wastewater Management	<input type="checkbox"/>	<input type="checkbox"/>	
(d) Domestic Sewage Management	<input type="checkbox"/>	<input type="checkbox"/>	
(e) Hazardous Waste Management	<input type="checkbox"/>	<input type="checkbox"/>	
(f) Noise and Vibration Level Management	<input type="checkbox"/>	<input type="checkbox"/>	
(g) Greening Program	<input type="checkbox"/>	<input type="checkbox"/>	
(h) Monitoring Plan During Operation (Including Cost)	<input type="checkbox"/>	<input type="checkbox"/>	
(i) Workers' Safety	<input type="checkbox"/>	<input type="checkbox"/>	
(j) Emergency Response Plan	<input type="checkbox"/>	<input type="checkbox"/>	
(k) Disaster management Plan	<input type="checkbox"/>	<input type="checkbox"/>	
(l) Fire Prevention and Extinction Plan	<input type="checkbox"/>	<input type="checkbox"/>	
(m) Others	<input type="checkbox"/>	<input type="checkbox"/>	
(iii) Management Plan at the end of Industries Life	<input type="checkbox"/>	<input type="checkbox"/>	
(a) Decommissioning Plan	<input type="checkbox"/>	<input type="checkbox"/>	
7) Stakeholder Consultation			
(i) Information Disclosure	<input type="checkbox"/>	<input type="checkbox"/>	
8) Analysis of Alternatives			
(i) Consideration of Alternative Method of	<input type="checkbox"/>	<input type="checkbox"/>	

Production			
(ii) Site Alternative	<input type="checkbox"/>	<input type="checkbox"/>	

B) Environmental Impact Assessment (EIA):

Attachment

Application Form for Environmental Clearance Certificate

(For RED Category Projects)

FORM ENV-R-3

1. Name of Industry/Project :
- (a) Address of Industry/Project :
- (b) Present Address of the Office :
2. Name of Company :
3. Entrepreneur's Name :
- (a) Entrepreneur's Designation :
- (b) Phone :
- (c) Email :
- (d) Mobile :
4. Type of Industry :
5. Total Investment :
6. Fee Category : Industry Brick
- (a) Fee : Drop Down Menu
- (b) Bank Challan : Attachment
- (c) VAT Paper : Attachment
7. Probable Date for Starting Construction :
(DD/MM/YYYY)

8. Probable Date for Completion of Construction :
(DD/MM/YYYY)

9. Probable Date for Start of Test Production :
(DD/MM/YYYY)

10. Probable Date for Start of Production :
(DD/MM/YYYY)

11. Total Manpower :

12. Name of Product :

(a) Quantity Produced Daily :

(b) Unit :

13. Probable quantity of Daily Gaseous Emission :

a) Unit :

b) Mode of emission of gaseous substance :

14. Probable quantity of daily liquid waste :
(m³/day)

a) Location of waste discharge :

15. Monitoring Report of Construction Stage :

Attachment

16. Any situation that hasn't been mentioned in :
the EIA but Causing Pollution to the
Environment

Yes No

a) If yes, please specify :

b) If yes, mention the mitigation measures :
taken

Application Form for Environmental Clearance Renewal

(For Red Category Projects)

FORM ENV-R-4

1. Name of Industry/Project :

(a) Address of Industry/Project :

(b) Present Address of the Office :

2. Name of Company :

3. Entrepreneur's Name :

(a) Entrepreneur's Designation :

(b) Phone :

(c) Email :

(d) Mobile :

4. Start of Operation for Existing industrial unit
or project (DD/MM/YYYY) :

5. Date of Issuance of Environmental Clearance
Certificate (ECC) (DD/MM/YYYY) :

6. Last Date of ECC Renewal Application
(DD/MM/YYYY) :

7. Type of Industry :

8. Name of Product :

(a) Quantity Produced Daily :

(b) Unit :

9. Land Lease Agreement or Land Ownership :

Attachment

Document or Land Allotment Letter

- 10. Process Flow : Attachment
- 11. Location Map : Attachment
- 12. Layout Plan with location of ETP : Attachment
- 13. Name of Product :
 - a) Quantity to be Produced Daily :
 - b) Unit :
- 14. Name of Raw Material ;
 - a) Quantity to be Used Daily :
 - b) Unit :
- 15. Name of Fuel :
 - a) Quantity of Fuel to be Used Daily :
 - b) Unit :
 - c) Source of Fuel :
- 16. Source of Water :
 - a) Amount to be Used Daily (m³/day) :
- 17. Probable quantity of Gaseous Emission :
 - a) Unit :
 - b) Mode of emission of gaseous substance :
- 18. Probable quantity of daily liquid waste (m³/day) :
 - a) Location of waste discharge :
- 19. Whether or not ETP was implemented with compliance to Design and Time Schedule : Yes No
- 20. Compliance Monitoring Report :

a) Air Quality Monitoring Report

:

Attachment

b) Water Quality Monitoring Report

:

Attachment

c) Sound Monitoring Report

:

Attachment

21. Any situation that hasn't been mentioned in the EIA but Causing Pollution to the Environment

:

Yes

No

a) If yes, please specify

:

b) If yes, mention the mitigation measures taken

: