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| --- | --- | --- | --- | --- | --- | --- | --- |
| **C:\Users\SAVBHAGYA\My Drive\IPC-VI\Drafting\Transparent Logo.png**  **INSPECTION REPORT FORMAT FOR CONSTRUCTION AND DEMOLITION SITE** | | | | | | | |
| **PAERT-A: General Information & Operational Details** | | | | | | | |
|  | Name & complete address of site | | |  | | | |
|  | Geographical coordinates of site | | | N: XX.XXXXX  E: YY.YYYYY | | | |
|  | Name of the occupier/ contact person(s) with designation:   1. Telephone/Mobile(s) 2. E-mail ID(s) | | |  | | | |
|  | Date/year of Start of construction or demolition project | | |  | | | |
|  | Name of concerned SPCB/PCC Regional Office | | |  | | | |
|  | Categorisation (R/O/G/W) | | |  | | | |
|  | Date of inspection | | |  | | | |
|  | Purpose of inspection | | |  | | | |
|  | Present status of the unit | | | (Ongoing/stopped) | | | |
|  | Status of Display Board at the entrance gate (as per Rules, Guidelines and Hon’ble Courts order) | | |  | | | |
|  | Operational Schedule | | | …………………… Operation hours per day  ……………………. Number of Working days per year | | | |
|  | Total Area /Length of the Project | | |  | | | |
|  | **Environmental Clearance Status** | | | **Validity with date**  *(Valid copies to be attached)* | | **If not valid, whether Applied for renewal?**  *(application and expired consent copies to be attached)* | |
| Environmental Clearance under the provision of the Environment (Protection) Act, 1986 | | |  | |  | |
|  | **Consent Status** | | | **Validity with date**  *(Valid copies to be attached)* | | **If not valid, whether Applied for renewal?**  *(application and expired consent copies to be attached)* | |
| Consent to Establish issued under Water Act, 1974 by SPCB/PCC | | |  | |  | |
| Consent to Establish issued under Air Act, 1981 by SPCB/PCC | | |  | |  | |
| Consent to Operate issued under Water Act, 1974 by SPCB/PCC | | |  | |  | |
| Consent to Operate issued under Air Act, 1981 by SPCB/PCC | | |  | |  | |
| Authorization for Hazardous Waste *(like Asbestos etc. during demolition)* Disposal issued under Hazardous and Other Wastes (Management & Transboundary Movement) Rules, 2016 by SPCB | | |  | |  | |
|  | Other requisite permission, clearance, approval, etc. from other Organisations (like the Forest Department, Fire Safety, etc.) as per the requirement of the construction and demolition of the Project | | |  | |  | |
|  | Construction/Demolition Plan | | | 1. Total Area 2. Total nos. of Floor 3. Floor Area Ratio etc. | |  | |
|  | If the Environmental Management Plan is approved or not | | |  | | | |
| **PART-B: Waste Management** | | | | | | | |
| **18.** | |  |  |  | | --- | --- | --- | | Quantity of Construction and Demolition waste generated |  | | | Whether logbook for C&D waste generation and disposal is maintained?  *(Last two months’ logbooks to be attached)* | (Yes/ No) | | | Mode of C&D waste disposal  (as per authorization and actual practice followed) | **I. If waste is processed in-situ or ex-situ?** |  | | **II. Mode of storing of C&D materials**   1. Storing location 2. Any authorized collection Point is used? 3. If C&D waste are kept covered or not? |  | | **III. Mode of transportation of C&D materials**  i) Type of vehicle  ii) Covered or uncovered |  | | **IV. C&D waste disposal details** | i) Quantity of recycled/Processed  ii) Quantity of Land-filled | | **V. If display is there regarding C&D waste management** |  | | **VI. Other information** |  | | Average quantity of solid waste generated (in kg/day, based on the logbook) |  | | | Mode of solid waste disposal  (as per authorization and actual practice followed) |  | | | Details of other wastes and their disposal |  | |   **Waste Management** | | | | | | |
| **PART-C: Air Pollution – Emission Sources & Control** | | | | | | | |
| **19.** | Dust emission & Control | | | | | | |
| i) Sources of dust   1. Construction Material 2. Demolished Material | |  | | | | |
| ii) Status of Dust mitigation measures | | a) Wind breaker (Yes/No)  if yes; what is the height (mts)?  if no; any other arrangement to restrict wind movement:  b) Curtains/Barrier etc. (Yes/No)  If yes covered completely /partially:  If no; is dust movement there?  c) Water sprinkling system (Yes/No)  If yes; source of water:  Frequency of sprinkling:  If no; whether dust movement is there from/to the site?  d) If anti-smog-guns are deployed (Yes/No)  e) Roads leading to/at sites are if paved and blacktopped | | | | |
| iii) If display is there regarding dust mitigation measures | |  | | | | |
| **20.** | |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | | Sources of air pollution | Chimney  Details | APC Equipment | | Emission Quality | | | | | | Stipulated | Provided | Quality  Parameters | Monitored  Values | Norms as per consent | Notified emission norms | Compliance Status | |  |  |  |  |  |  |  |  |  | | Details of D.G Set | | Capacity | | Exhaust pipe height  (in m) | | | Acoustic enclosures  (Yes/No) | | |  | |  | | |  | | | Fuel Consumption | | Type of fuel | | Consumption | | | Process/ Machine | | |  | |  | | |  | | | Logbook record | |  | | | | | | |   Genset Emission & Control  *(Please attach lab analysis reports and copy of Form-I served under Rule-7 of Environment Protection Rules, 1986)* | | | | | | |
| **PART-D: Noise Pollution – Sources & Control** | | | | | | | |
| **21.** | i) Sources of Noise   1. Construction work/Machinery 2. Demolition work/Machinery 3. Vehicular Movement 4. Genset | |  | | | | |
| ii) Any measures have been taken for noise mitigation | |  | | | | |
| **PART-E: Water Consumption, Wastewater Generation and Treatment Details** | | | | | | | |
| **22.** | **Fresh Water Supply** | | | | | | |
| i) During the construction phase | Source(s) of raw water supply | | (River/ Municipal supply/ Tankers/ Borewell/ Tubewell/ Others) | | | |
| Logbook maintained:(Yes/No) *(Last two months’ logbooks to be attached)* | | Whether flow meter with totalizer installed at borewell/freshwater line (Yes/No)  Type(s) and nos. of the source: …………  Type of Flowmeter: mechanical/ digital/ electromagnetic/ ultrasonic etc.  Instantaneous Reading:……………………m3/hr  Totalizer Reading: ………………………….. m3  *(Please mention details for all the flowmeters)* | | | |
| ii) During the operation phase | Source(s) of raw water supply | | (River/ Municipal supply/ Tankers/ Borewell/ Tubewell/ Others) | | | |
| Logbook maintained:(Yes/No) *(Last two months’ logbooks to be attached)* | | Whether flow meter with totalizer installed at borewell/freshwater line (Yes/No)  Type(s) and nos. of the source: …………  Type of Flowmeter: mechanical/ digital/ electromagnetic/ ultrasonic etc.  Instantaneous Reading:……………………m3/hr  Totalizer Reading: ………………………….. m3  *(Please mention details for all the flowmeters)* | | | |
|  | | | **Construction process, Washing, etc.** | **Domestic** | | **Others (specify)** |
| Average water consumption (KLD)  (based on logbook of water abstracted) | | |  |  | |  |
| **23.** | **CGWA NOC status** | | | **Validity with date**  *(Valid copy to be attached)* | | **If not valid, whether Applied for renewal?**  *(application and expired NOC copy to be attached)* | |
| NOC from CGWA as permission to abstract groundwater | | |  | |  | |
| **24.** | If Rain Water Harvesting Systems are installed? | | | 1. Approved (Yes/No)? 2. Total Nos. 3. Nos. of Functioning 4. Nos. of Non-functioning | | | |
| **25.** | If Ground Water recharge system is there? | | |  | | | |
| **26.** | **Sewage Management** | | | | | | |
|  | Quantity of sewage generated (KLD) | | |  | | | |
| Method of sewage management | | | Soak pit/ septic tank/ disposal in sewer line/ STP/ETP etc. | | | |
| STP Installed | | | Yes/No | | | |
| Status of STP | | | (Operational / Non-Operational) | | | |
| Sample collected during inspection | | | (Yes/No)  If No, specify the reason. | | | |
| Type of sampling | | | {Grab/ Composite (hours)} | | | |
| Designed capacity of STP (in KLD) | | |  | | | |
| **27.** | **Sewage Quality Analysis Report-** Quality of discharged effluent (**for all parameters as notified for the UNIT** under Environment (Protection) Rules, 1986/ required as per Clearance/ required as per Consents)  *(Please attach lab analysis reports and copy of Form-I served under Rule-7 of Environment Protection Rules, 1986)*   |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | | **Parameter** | | **STP inlet** | | **STP outlet** | **Any other location** | **Norms as per consent** | **Notified discharge standard** | **Compliance w.r.t. consent/notified standard** | | pH | |  | |  |  |  |  |  | | BOD (mg/l) | |  | |  |  |  |  |  | |  | |  | |  |  |  |  |  | |  | |  | |  |  |  |  |  | |  | |  | |  |  |  |  |  | |  | |  | |  |  |  |  |  | | Others… | |  | |  |  |  |  |  | | \*In Aeration Tank(s), |  | | MLSS (mg/l): …………………………;  MLVSS (mg/l):………………………………… | | | | | |   **By-pass sampling analysis report (If applicable):**   |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | **Sampling location** | **Parameters (all values are in mg/l except pH)** | | | | | | **pH** | **BOD (mg/l)** |  |  |  | | Sample (mention location details) |  |  |  |  |  | | | | | | | |
| **PART-F:**  **Status of Green Belt Development, Open Land and Common Facilities as per consent/clearance conditions** | | | | | | | |
| **28.** | **Status of Green Belt Development, Open Land and Common Facilities as per consent/clearance conditions** | | | | | | |
|  | 1. Green Belt Development, 2. Open Land 3. Common Facilities as per consent/clearance conditions | | |  | | | |
| **PART-G: Monitoring Mechanism** | | | | | | | |
| **29.** | **Monitoring Mechanism** | | | | | | |
|  | I. Emission Monitoring | | |  | | | |
| II. Effluent Monitoring | | |  | | | |
| **PART-H: Additional Information** | | | | | | | |
| **30.** | **Additional Information** | | | | | | |
|  | Name and Address of Power Supply Agency | | |  | | | |
| Name and Address of Water Supply Agency | | |  | | | |
| Whether ONSITE/OFFSITE emergency plan prepared (Yes/No/Not Applicable) | | |  | | | |
| Whether Public Liability Insurance taken (Yes/No/Not Applicable) | | |  | | | |
| **PART-G: Observations and Recommendations** | | | | | | | |
| **31.** | **Observations And Recommendations** | | | | | | |
|  | **I. Specific Observations:**   1. ... 2. ... | | | | | | |
| **II. Non-compliances (as per Rules):**   1. ... 2. ... | | | | | | |
| **III. Suggested Remedial/Mitigation Measures:**   1. … 2. … | | | | | | |
| **IV. Recommendations of Inspection Team:**   1. … 2. …   Signature of Team Member(s)  Date: | | | | | | |
| **V. Recommendations of Divisional Head/Regional Director:**   1. … 2. …   (Signature of Divisional Head/Regional Director)  Date: | | | | | | |