

## **Chapter 41:20A**

### **EXHIBIT A: ENVIRONMENTAL REVIEW CHECKLIST**

#### **§ 41:20A-1. Environmental Review Checklist.**

1. Cover Sheet:
  - a. Name of applicant entity.
  - b. Contact information (name, email, phone, address).
  - c. Location of Proposed Project (address and block and lot).
  - d. Summary description of proposed project (one paragraph only) including proposed dimensions of any buildings and total project cost.
  - e. Existing land use at project site and existing land use zoning designation.
  - f. Requested variance, if any.
2. Permits:
  - a. List of all permits and approvals needed.
  - b. Copy of any permits already obtained from the United States Environmental Protection Agency, the New Jersey Department of Environmental Protection, or evidence of inclusion in the Essex County Solid Waste Management Plan after advice of the Essex County Solid Waste Advisory Council.
3. Basic Form - For Covered Applicants with a Commercial or Light Manufacturing Use, including those uses within an MX-1 or MX-2 Zone.
  - a. Environmental Impact Activities: Information should be excerpted from documents filed elsewhere; e.g., environmental permit applications, approved permits or stormwater management plans, as applicable. If project involves a permit for any category below, applicant shall identify such permit. Applicant shall provide information for a category only if a permit is involved for the category. Applicant is not required to provide information for the residential component of a mixed-use project.
    - i. AIR POLLUTION: Chart listing tons per year of all Criteria Pollutants and Hazardous Air Pollutants to be emitted as a result of project operation.
    - ii. STORMWATER RETENTION & DISCHARGE: Brief narrative summary of on-site stormwater capture including total volume to be controlled; Brief narrative summary of permitted sewer

and stormwater discharge including total volume to be discharged.

- iii. HAZARDOUS or TOXIC MATERIALS: List, including name and estimated quantity of, any substance used or stored on-site that must be registered with either the State or a local emergency responder office pursuant to State or Federal law, such as the Toxics Release Inventory or the New Jersey Worker and Community Right to Know Act, N.J.S.A.34:5A-1 et seq. State whether an emergency management plan has been filed with the City's Office of Emergency Management.
  - iv. TRUCK TRIPS: Estimated number of truck trips per day anticipated during normal operations. Indicate if trucks will be owned or contracted.
  - v. FUEL USE: List type of fuel to be used for heating, cooling, and operations (e.g., Number 4 or 6 Heating Oil; Natural Gas, Solar or Wind).
  - vi. HAZARDOUS AND SOLID WASTE & RECYCLING: Provide copy of applicable Waste Permit or application, if applicable and available. Brief narrative description of plan for compliance with City of Newark Recycling Ordinance Title XV, Chapter 12.
- b. Optional - Additional Information on Environmental Mitigation Activities: At the applicant's discretion, information may be submitted to highlight elements of design, construction or operation intended to mitigate, minimize, or avoid negative environmental impacts. Information should be in the form of a brief narrative description in each relevant category. The list below is intended to serve as a suggested menu of possible topics and is not exhaustive.
- i. Air pollution reduction technologies for stacks, exhaust pipes, cooking equipment, or other such equipment or facilities.
  - ii. On-site or off-site Green Stormwater Infrastructure.
  - iii. Energy efficiency or renewable energy elements.
  - iv. Waste minimization or re-use programs.
  - v. Water conservation measures.
  - vi. Green supply chain efforts.
  - vii. Clean fleet (alternative fuel, retrofitted diesel engines, or other such fuel types or engines).
  - viii. Indoor air quality controls.
  - ix. Plans to minimize noise, dust, odor and light pollution.

- x. Public space design and landscaping elements.
- xi. Voluntary arrangement to provide a first-interview opportunity for employment to Newark residents, beyond that required by Newark ordinances.
- xii. Voluntary contribution (in-kind or funding) to support community initiatives.
- xiii. Measures taken to inform or engage neighbors about the project prior to submission of plans.

4. FULL FORM - For Covered Applicants with an Industrial Use:

- a. Detailed Project Description: Brief summary of types of products or services to be produced, a physical description of proposed building and grounds, including any pre-improvement contamination issues and clean-up plans, and overview of anticipated environmental impact, controls to comply with environmental regulations, and any voluntary activities undertaken to go beyond legally required environmental control standards.
- b. Pre-existing Environmental Conditions Description: To the extent such information is available in an approved NRI, a brief summary of pre-existing environmental conditions within a half-mile radius of proposed project site, including name and location of any other properties in that area with air pollution emission permits from the federal or state government; location of known contaminated sites and properties storing or using toxic chemicals; location of receptor populations including schools, day-cares, residential blocks, detention centers or prisons, and senior centers; and location of any environmentally- sensitive areas such as wetlands, waterways or parks.
- c. Environmental Impact Description: Information should be excerpted from documents filed elsewhere; e.g., environmental permit applications, approved permits or stormwater management plans, as applicable. If project involves a permit for the category below, applicant should identify such permit. Applicant must provide a description for each category regardless of whether a permit is involved, to the extent such information is available or can be readily obtained.
  - i. AIR POLLUTION: Chart listing tons per year of all Criteria Pollutants, Hazardous Air Pollutants, and Greenhouse Gas emission equivalents. Include maximum permitted tons per year and anticipated actual tons per year.
  - ii. STORMWATER RETENTION & DISCHARGE: Brief narrative summary of on-site stormwater capture including total volume to be controlled; Brief narrative summary of permitted sewer

and stormwater discharge including total volume to be discharged and any onsite treatment technology.

- iii. WATER USE: Estimate of volume of water to be used annually for operations.
- iv. ENERGY USE: Estimate of kilowatt hours of energy to be used annually for operations.
- v. HAZARDOUS or TOXIC MATERIALS: List, including name and estimated quantity of, any substance used or stored on-site that must be registered with either the State or a local emergency responder office pursuant to State or Federal law such as the Toxics Release Inventory or the New Jersey Worker and Community Right to Know Act, N.J.S.A. 34:5A-1 et seq. State whether an emergency management plan has been filed with the City's Office of Emergency Management.
- vi. TRUCK TRIPS: Estimated number of truck trips per day anticipated during normal operations. Indicate if trucks will be owned or contracted. Provide information about how deliveries and pick-ups will comply with the City of Newark's truck route regulations.
- vii. FUEL USE: List type of fuel to be used for heating, cooling, and operations (e.g. Number 4 or 6 Heating Oil; Natural Gas, Solar or Wind).
- viii. WASTE & RECYCLING: Provide copy of applicable Waste Permit or application, if applicable and available. Brief narrative description of plan for compliance with City of Newark Recycling Ordinance Title XV, Chapter 12.
- ix. NUISANCE ISSUES: Provide a brief description of both projected impact of and plans to avoid, minimize, and control the following:
  - A. Dust.
  - B. Noise.
  - C. Light.
  - D. Odors.
- d. Economic Opportunity Description: List estimated number of new jobs to be generated as a result of both construction and operation of the proposed project. Include a brief narrative description of any activities undertaken to provide Newark residents with access to these job opportunities.
- e. Public Engagement Description: Briefly describe any efforts undertaken prior to filing for major site plan and/or variance

approval to inform or engage the residents living and businesses operating in the vicinity of the proposed project.

- f. Quality of Life and Public Health Protection Measures: Briefly describe any efforts to avoid, minimize, and mitigate any pollution emissions or environmental impacts both during construction and during operation. Such efforts may include but are not limited to:
  - i. Pollution reduction technologies.
  - ii. Stormwater management via Green Infrastructure.
  - iii. Energy efficiency or renewable energy elements.
  - iv. Waste minimization and/or re-use programs.
  - v. Water conservation measures.
  - vi. Green supply chain.
  - vii. Clean fleet commitments (2010 or newer truck engines, retrofit filters on older trucks, alternative fuel, zero emissions vehicles or other such commitments).
  - viii. Indoor air quality controls.
  - ix. Tree canopy expansion or vegetative buffers.
  - x. Greenhouse Gas emission reduction technology or design.
- g. Alternative Design (Optional): Provide a brief comparative description of at least one alternative design scheme, site location, engineered system, equipment choice or operational approach that was considered for reductions in negative environmental or public health impacts or increases in positive public impacts such as increased green space, energy reduction, air quality, water quality, stormwater runoff absorption and waste reduction.
- h. Optional: Provide additional information about community benefits; for example, a relationship with a local organization to receive trained potential candidates for job openings, voluntary measures taken to inform or engage the neighborhood residents prior to finalization of plans, or an in-kind or funding contribution to a project with community benefits in the neighborhood of the proposed project site.