

ENVIRONMENTAL JUSTICE AND CUMULATIVE IMPACT

41:20 Attachment 1

City of Newark

ENVIRONMENTAL COMMISSION REVIEW: BASIC FORM

For Covered Applicants with a Commercial or Light Manufacturing Use, including those uses within an MX-1 or MX-2 Zone. If more space is required, please attach additional responses to this form. The most recent Environmental Resources Inventory (ERI) you will need to answer several questions in this document is located at www.bit.ly/nwkeri2021. Once you download the report, map numbers (which are referenced next to the appropriate questions below) are clickable from p.7 of the pdf. Alternatively, you can use this webtool to help answer these questions: https://data-newgin.opendata.arcgis.com/pages/eri.

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. (If more space is required, please attach an additional chart to this form).

Table with 2 columns: Type, Amount (tons per year). Multiple empty rows for data entry.

a. PRE-EXISTING AIR POLLUTION: Referencing the ERI, what are the following values at your site?

Annual average fine particulate matter (PM2.5) concentration in air (Map #3): _____ µg/m³

Ozone summer seasonal avg. of daily maximum 8-hour concentration in air (Map #4): _____ ppb

Lifetime cancer risk from inhalation of air toxics (Map #5): _____ per lifetime per million people

Air toxics respiratory hazard index value (Map #6): _____

Diesel particulate matter level in air (Map #11): _____ µg/m³

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.

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a. PRE-EXISTING CONDITIONS: Referencing the ERI, answer the following questions.

What is the average land surface temperature in the half-mile surrounding the proposal (Map #23)? _____ °F

Will the proposed activity be in a FEMA flood hazard zone (Map #24)? Yes ____ No ____

What is the SLOSH flood height area in the location of the proposed activity (Map #25)? _____ ft

What is the predominant land use in the half-mile surrounding the proposed activity (Map #26)? _____

How will the proposed land use fit in with existing land uses? _____

Is there park space, urban agriculture, vegetation, and/or tree canopy cover in the half-mile surrounding the proposed site (Maps #27-30)?

Will the proposed project increase or decrease park space, urban agriculture, vegetation, and/or tree canopy cover? Increase ____ Decrease ____

What percent of the land in the half-mile surrounding the proposed location is impervious (Map #31)? _____ %

Will the proposal increase or decrease impervious cover? Increase ____ Decrease ____

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.

a. PRE-EXISTING CONDITIONS: Referencing the ERI, answer the following questions.

Is there a Groundwater Classification Exception Area within a half mile of your site (Map #14)? ____

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How many NJPDES regulated facilities are within a half mile of your site (Map #16)? ____

How many known contaminated sites are within a half mile of your site (Map #18)? ____

How many brownfield sites are within a half mile of your site (Map #19)? _____

How many superfund sites on the national priority list are within a half mile of your site (Map #20)? _____

How close is your site to the Passaic River (Map #65)? _____ miles

IV. TRUCK TRIPS: Estimated number of truck trips per day anticipated during normal operations. Indicate if trucks will be owned or contracted.

a. PRE-EXISTING TRAFFIC: Referencing the ERI, what is the current traffic proximity and volume at your proposed location (map value indicates count of vehicles per day at major roads within 500 meters, divided by distance in meters) (Map #10)? _____

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. Provide brief narrative description below of plan for compliance with City of Newark Recycling Ordinance Title XV, Chapter 12.

a. PRE-EXISTING CONDITIONS: Referencing the ERI, answer the following questions.

How many hazardous waste sites are within a half mile of your site (Map #21)? _____

How many waste facilities are within a half mile of your site (Map #22)? ____

How many recycling facilities are within a half mile of your site (Map #22)? _____

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B. POPULATION CHARACTERISTICS: Referencing the ERI, answer the following questions regarding indicators of populations that are more vulnerable to pollution and the number of people that would be affected.

I. What is the race/ethnicity composition of residents in the half-mile surrounding the proposed development (Map #34)?

II. What are the overall and child poverty rates in the census tract of the proposed site (Maps #35-36)?

III. What is the unemployment rate in the census tract of the proposed site (Map #37)?

IV. What is the median annual household income in the census tract of the proposed activity (Map #38)? Would the proposal tend to stratify pollution by income?

V. What is the percent of female residents in the census tract of the proposed activity (Map #39)? _____

VI. What percent of the population in the proposed census tract is under 5 years old (Map #40)? _____ Over 65 years old (Map #41)? _____ Over 85 years old (Map #41)? _____

VII. What is the population density in the census tract of the proposed activity (Map #42)? _____

VIII. What is the percentage of residents with less than a high school education in the proposed census tract (Map #43)? _____

IX. What is the percent of residents who face linguistic isolation in the proposed census tract (Map #44)? _____

X. How many of each type of these facilities are present in the proposed census tract?

Healthcare facilities (Map #45): _____
Incarceration facilities (Map #46): _____
Childcare facilities (Map #47): _____

XI. What are the rates of each of these health outcomes in the proposed census tract?

Asthma (Map #49): _____ % Diabetes (Map #54): _____ %
Coronary heart disease (Map #50): _____ % Mental distress (Map #55): _____ %
Life expectancy (Map #51): _____ years Lead exposure risk (Map #56): _____
High blood pressure (Map #52): _____ % Healthy food access (Map #57): _____ %
Obesity (Map #53): _____ %

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C. 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. Such efforts may include but are not limited to:

- 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 and/or re-use programs
- v. Water conservation measures
- vi. Green supply chain efforts
- vii. Clean fleet commitments (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