

ENVIRONMENTAL JUSTICE AND CUMULATIVE IMPACT

41:20 Attachment 2

City of Newark

ENVIRONMENTAL COMMISSION REVIEW: FULL FORM

For Covered Applicants with an Industrial Use. 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. 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.

Multiple horizontal lines for text entry.

- B. Pre-existing Environmental Conditions Description: Referencing the ERI, answer the following questions.

- i. Pre-existing air pollution: 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

Traffic proximity and volume (map value indicates count of vehicles per day at major roads within 500 meters, divided by distance in meters) (Map #10): _____

- ii. Pre-existing land uses:

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

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

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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 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)? _____

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

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 ____

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 to be emitted as a result of project operation. Include maximum permitted tons per year and anticipated actual tons per year. (If more space is required, please attach an additional chart to this form).

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Criteria Pollutants, Hazardous Air Pollutants, and Greenhouse Gas emission equivalents:	Maximum permitted tons/year	Anticipated actual tons/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.

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viii. WASTE & RECYCLING:

Provide copy of applicable Waste Permit or application, if applicable and available. Provide 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

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project, specifically identifying full-time, permanent jobs. 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
- ii. Energy efficiency or renewable energy elements
- iv. Waste minimization and/or re-use program
- 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

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- I. 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.
