By Legislators McCabe and Johns

Intro. No. _____

RESOLUTION NO. _____ OF 2022

DETERMINATION OF SIGNIFICANCE PURSUANT TO STATE ENVIRONMENTAL QUALITY REVIEW ACT FOR TROPICAL EXHIBIT AND MAIN ENTRY PLAZA PROJECT

BE IT RESOLVED BY THE LEGISLATURE OF THE COUNTY OF MONROE, as follows:

Section 1. The Monroe County Legislature has reviewed and considered the Full Environmental Assessment Form dated May 18, 2022, which amends the Negative Declaration issued in July 2016, and has considered the potential environmental impacts of the Tropical Exhibit and Main Entry Plaza Project pursuant to the requirements of State Environmental Quality Review Act and has found that the proposed action will not result in any significant adverse environmental impacts. The Monroe County Legislature hereby issues and adopts the Amended Negative Declaration attached hereto and made a part hereof and determines that an environmental impact statement is not required.

Section 2. The County Executive, or his designee, is hereby authorized to take such actions to comply with the requirements of the State Environmental Quality Review Act, including without limitation, the execution of documents and the filing, distribution, and publication of the documents required under the State Environmental Quality Review Act, and any other actions to implement the intent of this resolution.

Section 3. This resolution shall take effect in accordance with Section C2-7 of the Monroe County Charter.

Environment and Public Works Committee; May 23, 2022 - CV: 6-0
File No. 22-0168

ADOPTION: Date: _____ Vote: _____

ACTION BY THE COUNTY EXECUTIVE

APPROVED: _____ VETOED: _____

SIGNATURE: _____ DATE: _____

EFFECTIVE DATE OF RESOLUTION: _____

11.2

Full Environmental Assessment Form
Part 1 - Project and Setting

Instructions for Completing Part 1

Part 1 is to be completed by the applicant or project sponsor. Responses become part of the application for approval or funding, are subject to public review, and may be subject to further verification.

Complete Part 1 based on information currently available. If additional research or investigation would be needed to fully respond to any item, please answer as thoroughly as possible based on current information; indicate whether missing information does not exist, or is not reasonably available to the sponsor; and, when possible, generally describe work or studies which would be necessary to update or fully develop that information.

Applicants/sponsors must complete all items in Sections A & B. In Sections C, D & E, most items contain an initial question that must be answered either "Yes" or "No". If the answer to the initial question is "Yes", complete the sub-questions that follow. If the answer to the initial question is "No", proceed to the next question. Section F allows the project sponsor to identify and attach any additional information. Section G requires the name and signature of the project sponsor to verify that the information contained in Part 1is accurate and complete.

A. Project and Sponsor Information.

Name of Action or Project: Seneca Park Zoo - Tropical Exhibit and Main Entry Plaza Project		
Project Location (describe, and attach a general location map): 2222 St. Paul Blvd. Rochester: Monroe County		
Brief Description of Proposed Action (include purpose or need): Monroe County previously undertook a Capital Improvement Program (CIP) Master Plan for the Seneca Park Zoo. The Master Plan identified the overall elements of the CIP including identification of the phases of the project. Phase 1 of the CIP involved construction / expansion of the Zoo on the northern end, and demolition of the main building, along with trail alterations along the northern end of the Zoo. The SEQRA process for the CIP Master Plan, which included preliminary concepts for Phase 2, and for the Phase 1 of the CIP, were completed in 2015 and 2016, respectively. Phase 1 construction was completed in 2019. The Proposed Action contemplated for the Phase 2 CIP included reconstruction within the Zoo, with additional detail developed for the remaining elements of the Master Plan. Phase 2 includes: completion of the new service road / trail reconstruction along the entire east side of the Zoo boundary; retaining wall on the west Zoo boundary, new 19,600± SF (footprint area) two-story Main Building housing the Education Center, event space, Zoo Gift Shop, and Administration Offices; new two-story "Tropics" exhibit complex adjacent to the new Main Building (51,600± SF footprint); reconstruction of utility infrastructure for the new buildings, including moving electrical service underground and geothermal wellfield; reconstruction of the main parking lot, temporary construction access road along the former railroad grade.		
Name of Applicant/Sponsor: Monroe County	Telephone: 585-753-1000 E-Mail: countyexecutive@monroecounty.gov	
Address: 39 West Main Street		
City/PO: Rochester	State: NY	Zip Code: 14614
Project Contact (if not same as sponsor; give name and title/role): Patrick Meredith	Telephone: 585-753-7293 E-Mail: patrickmeredith@monroecounty.gov	
Address: 39 West Main Street		
City/PO: Rochester	State: New York	Zip Code: 14614
Property Owner (if not same as sponsor): Monroe County	Telephone: E-Mail:	
Address:		
City/PO: Rochester	State: New York	Zip Code: 14614

B. Government Approvals

B. Government Approvals Funding, or Sponsorship. ("Funding" includes grants, loans, tax relief, and any other forms of financial assistance.)			
Government Entity		**If Yes: Identify Agency and Approval(s) Required**	**Application Date (Actual or projected)**
a. City Council, Town Board, or Village Board of Trustees	☐Yes☑No		
b. City, Town or Village Planning Board or Commission	☐Yes☑No		
c. City Council, Town or Village Zoning Board of Appeals	☐Yes☑No		
d. Other local agencies	☐Yes☑No	City Water Bureau - Water system upgrades	
e. County agencies	☑Yes☐No	County Executive / County Legislature - Funding Approval; MCWA - Water Main Installation	TBD
f. Regional agencies	☐Yes☑No		
g. State agencies	☑Yes☐No	NYSPRHP - Coordination & potential funding. NYSERDA - potential funding	TBD
h. Federal agencies	☐Yes☑No		

i. Coastal Resources.
i. Is the project site within a Coastal Area, or the waterfront area of a Designated Inland Waterway? ☑Yes☐No
If Yes,
ii. Is the project site located in a community with an approved Local Waterfront Revitalization Program? ☑Yes☐No
iii. Is the project site within a Coastal Erosion Hazard Area? ☐Yes☑No

C. Planning and Zoning

C.1. Planning and zoning actions.

Will administrative or legislative adoption, or amendment of a plan, local law, ordinance, rule or regulation be the only approval(s) which must be granted to enable the proposed action to proceed? ☐Yes☑No

- **If Yes, complete sections C, F and G.**
- **If No, proceed to question C.2 and complete all remaining sections and questions in Part 1**

C.2. Adopted land use plans.

a. Do any municipally- adopted (city, town, village or county) comprehensive land use plan(s) include the site where the proposed action would be located? ☑Yes☐No
If Yes, does the comprehensive plan include specific recommendations for the site where the proposed action would be located? ☐Yes☑No

b. Is the site of the proposed action within any local or regional special planning district (for example: Greenway Brownfield Opportunity Area (BOA); designated State or Federal heritage area; watershed management plan; or other?) ☑Yes☐No
If Yes, identify the plan(s):
NYS Heritage Area, West Erie Canal Corridor

c. Is the proposed action located wholly or partially within an area listed in an adopted municipal open space plan, or an adopted municipal farmland protection plan? ☐Yes☑No
If Yes, identify the plan(s):

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C.3. Zoning

a. Is the site of the proposed action located in a municipality with an adopted zoning law or ordinance. ☑ Yes ☐ No
If Yes, what is the zoning classification(s) including any applicable overlay district?
O-S Open Space District

b. Is the use permitted or allowed by a special or conditional use permit? ☐ Yes ☑ No

c. Is a zoning change requested as part of the proposed action? ☐ Yes ☑ No
If Yes,
i What is the proposed new zoning for the site?

C.4. Existing community services.

a. In what school district is the project site located? City of Rochester School District

b. What police or other public protection forces serve the project site?
City of Rochester Police / Monroe County Sheriff

c. Which fire protection and emergency medical services serve the project site?
City of Rochester Fire

d. What parks serve the project site?
Seneca Park

D. Project Details

D.1. Proposed and Potential Development

a. What is the general nature of the proposed action (e.g., residential, industrial, commercial, recreational; if mixed, include all components)? Recreational/institutional

b. a. Total acreage of the site of the proposed action? 11 acres
b. Total acreage to be physically disturbed? 11 acres
c. Total acreage (project site and any contiguous properties) owned or controlled by the applicant or project sponsor? 297 acres

c. Is the proposed action an expansion of an existing project or use? ☐ Yes ☑ No
i. If Yes, what is the approximate percentage of the proposed expansion and identify the units (e.g., acres, miles, housing units, square feet)? % Units:

d. Is the proposed action a subdivision, or does it include a subdivision? ☐ Yes ☑ No
If Yes,
i Purpose or type of subdivision? (e.g., residential, industrial, commercial; if mixed, specify types)
ii Is a cluster/conservation layout proposed? ☐ Yes ☐ No
iii Number of lots proposed?
iv Minimum and maximum proposed lot sizes? Minimum Maximum

e. Will proposed action be constructed in multiple phases? ☑ Yes ☐ No
i. If No, anticipated period of construction: 40 months
ii. If Yes:
- Total number of phases anticipated 2
- Anticipated commencement date of phase 1 (including demolition) 09 month 2022 year
- Anticipated completion date of final phase 01 month 2026 year
- Generally describe connections or relationships among phases, including any contingencies where progress of one phase may determine timing or duration of future phases:

Proposed work is phased to allow for minimal disruptions of existing portions of the zoo which will remain open and operational to the public as well as minimal disruptions. Subsequent phases will rely on completion of earlier phase to begin initiation (bidding, construction/demolition).

f. Does the project include new residential uses? ☐Yes ☑No
If Yes, show numbers of units proposed.

	One Family	Two Family	Three Family	Multiple Family (four or more)
Initial Phase				
At completion of all phases				

g. Does the proposed action include new non-residential construction (including expansions)? ☑Yes ☐No
If Yes,
i. Total number of structures 3
ii. Dimensions (in feet) of largest proposed structure: 54 ft height; 415 ft width; and 120 length
iii. Approximate extent of building space to be heated or cooled: 130,000 +/- square feet

h. Does the proposed action include construction or other activities that will result in the impoundment of any liquids, such as creation of a water supply, reservoir, pond, lake, waste lagoon or other storage? ☐Yes ☑No
If Yes,
i. Purpose of the impoundment:
ii. If a water impoundment, the principal source of the water: ☐ Ground water ☐ Surface water streams ☐ Other specify:
iii. If other than water, identify the type of impounded/contained liquids and their source.
iv. Approximate size of the proposed impoundment. Volume: million gallons; surface area: acres
v. Dimensions of the proposed dam or impounding structure: height; length
vi. Construction method/materials for the proposed dam or impounding structure (e.g., earth fill, rock, wood, concrete):

D.2. Project Operations

a. Does the proposed action include any excavation, mining, or dredging, during construction, operations, or both? ☐Yes ☑No
(Not including general site preparation, grading or installation of utilities or foundations where all excavated materials will remain onsite)
If Yes:
i. What is the purpose of the excavation or dredging?
ii. How much material (including rock, earth, sediments, etc.) is proposed to be removed from the site?
- Volume (specify tons or cubic yards):
- Over what duration of time?

iii. Describe nature and characteristics of materials to be excavated or dredged, and plans to use, manage or dispose of them.
iv. Will there be onsite dewatering or processing of excavated materials? ☐Yes ☐No
If yes, describe.
v. What is the total area to be dredged or excavated? acres
vi. What is the maximum area to be worked at any one time? acres
vii. What would be the maximum depth of excavation or dredging? feet
viii. Will the excavation require blasting? ☐Yes ☐No
ix. Summarize site reclamation goals and plan:

b. Would the proposed action cause or result in alteration of, increase or decrease in size of, or encroachment into any existing wetland, waterbody, shoreline, beach or adjacent area? ☐Yes ☑No
If Yes:
i. Identify the wetland or waterbody which would be affected (by name, water index number, wetland map number or geographic description):

ii. Describe how the proposed action would affect that waterbody or wetland, e.g. excavation, fill, placement of structures, or alteration of channels, banks and shorelines. Indicate extent of activities, alterations and additions in square feet or acres:

iii. Will proposed action cause or result in disturbance to bottom sediments? ☐ Yes ☑ No
If Yes, describe:

iv. Will proposed action cause or result in the destruction or removal of aquatic vegetation? ☐ Yes ☑ No
If Yes:

- acres of aquatic vegetation proposed to be removed:
- expected acreage of aquatic vegetation remaining after project completion:
- purpose of proposed removal (e.g. beach clearing, invasive species control, boat access):
- proposed method of plant removal:
- if chemical/herbicide treatment will be used, specify product(s):

v. Describe any proposed reclamation/mitigation following disturbance:

c. Will the proposed action use, or create a new demand for water? ☑ Yes ☐ No
If Yes:

i. Total anticipated water usage/demand per day: 192,000 peak gallons/day

ii. Will the proposed action obtain water from an existing public water supply? ☑ Yes ☐ No
If Yes:

- Name of district or service area: City of Rochester / Monroe County Water Authority
- Does the existing public water supply have capacity to serve the proposal? ☑ Yes ☐ No
- Is the project site in the existing district? ☑ Yes ☐ No
- Is expansion of the district needed? ☐ Yes ☑ No
- Do existing lines serve the project site? ☑ Yes ☐ No

iii. Will line extension within an existing district be necessary to supply the project? ☐ Yes ☑ No
If Yes:

- Describe extensions or capacity expansions proposed to serve this project:
- Source(s) of supply for the district: City of Rochester / Monroe County Water Authority

iv. Is a new water supply district or service area proposed to be formed to serve the project site? ☐ Yes ☑ No
If, Yes:

- Applicant/sponsor for new district:
- Date application submitted or anticipated:
- Proposed source(s) of supply for new district:

v. If a public water supply will not be used, describe plans to provide water supply for the project:

vi. If water supply will be from wells (public or private), maximum pumping capacity: _____ gallons/minute.

d. Will the proposed action generate liquid wastes? ☑ Yes ☐ No
If Yes:

i. Total anticipated liquid waste generation per day: 192,000 gallons/day

ii. Nature of liquid wastes to be generated (e.g., sanitary wastewater, industrial; if combination, describe all components and approximate volumes or proportions of each):
sanitary wastewater

iii. Will the proposed action use any existing public wastewater treatment facilities? ☑ Yes ☐ No
If Yes:

- Name of wastewater treatment plant to be used: Frank E. Van Lare Treatment Plant
- Name of district: Rochester Pure Waters District
- Does the existing wastewater treatment plant have capacity to serve the project? ☑ Yes ☐ No
- Is the project site in the existing district? ☑ Yes ☐ No
- Is expansion of the district needed? ☐ Yes ☑ No

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- Do existing sewer lines serve the project site? ☑Yes☐No
- Will line extension within an existing district be necessary to serve the project? ☐Yes☑No

If Yes:

- Describe extensions or capacity expansions proposed to serve this project: _____

iv. Will a new wastewater (sewage) treatment district be formed to serve the project site? ☐Yes☑No

If Yes:

- Applicant/sponsor for new district: _____
- Date application submitted or anticipated: _____
- What is the receiving water for the wastewater discharge? _____

v. If public facilities will not be used, describe plans to provide wastewater treatment for the project, including specifying proposed receiving water (name and classification if surface discharge, or describe subsurface disposal plans):

vi. Describe any plans or designs to capture, recycle or reuse liquid waste: _____

e. Will the proposed action disturb more than one acre and create stormwater runoff, either from new point sources (i.e. ditches, pipes, swales, curbs, gutters or other concentrated flows of stormwater) or non-point source (i.e. sheet flow) during construction or post construction? ☑Yes☐No

If Yes:

i. How much impervious surface will the project create in relation to total size of project parcel?

_____ Square feet or 3 acres (impervious surface)

_____ Square feet or 36 acres (parcel size)

ii. Describe types of new point sources. Roof drains, sidewalks, service road pavement

iii. Where will the stormwater runoff be directed (i.e. on-site stormwater management facility/structures, adjacent properties, groundwater, on-site surface water or off-site surface waters)?

Existing storm sewers, dry swales, bioretention areas. Stormwater quantity for all new impervious surface was completed in Phase 1

- If to surface waters, identify receiving water bodies or wetlands: Trout Pond, Genesee river
- Will stormwater runoff flow to adjacent properties? ☐Yes☑No

iv. Does proposed plan minimize impervious surfaces, use pervious materials or collect and re-use stormwater? ☑Yes☐No

f. Does the proposed action include, or will it use on-site, one or more sources of air emissions, including fuel combustion, waste incineration, or other processes or operations? ☑Yes☐No

If Yes, identify:

i. Mobile sources during project operations (e.g., heavy equipment, fleet or delivery vehicles)

Delivery Vehicles, Heavy Equipment during construction only

ii. Stationary sources during construction (e.g., power generation, structural heating, batch plant, crushers)

Temporary power generation for construction equipment via generators or air compressors as needed.

iii. Stationary sources during operations (e.g., process emissions, large boilers, electric generation)

Emergency power generators utilized under emergency use only

g. Will any air emission sources named in D.2.f (above), require a NY State Air Registration, Air Facility Permit, or Federal Clean Air Act Title IV or Title V Permit? ☐Yes☑No

If Yes:

i. Is the project site located in an Air quality non-attainment area? (Area routinely or periodically fails to meet ambient air quality standards for all or some parts of the year) ☐Yes☐No

ii. In addition to emissions as calculated in the application, the project will generate:

- _____Tons/year (short tons) of Carbon Dioxide (CO_2)
- _____Tons/year (short tons) of Nitrous Oxide (N_2O)
- _____Tons/year (short tons) of Perfluorocarbons (PFCs)
- _____Tons/year (short tons) of Sulfur Hexafluoride (SF_6)
- _____Tons/year (short tons) of Carbon Dioxide equivalent of Hydroflourocarbons (HFCs)
- _____Tons/year (short tons) of Hazardous Air Pollutants (HAPs)

h. Will the proposed action generate or emit methane (including, but not limited to, sewage treatment plants, landfills, composting facilities)? ☐Yes ☑No

If Yes:

i Estimate methane generation in tons/year (metric): _____

ii. Describe any methane capture, control or elimination measures included in project design (e.g., combustion to generate heat or electricity, flaring): _____

i. Will the proposed action result in the release of air pollutants from open-air operations or processes, such as quarry or landfill operations? ☐Yes ☑No

If Yes: Describe operations and nature of emissions (e.g., diesel exhaust, rock particulates/dust):

j. Will the proposed action result in a substantial increase in traffic above present levels or generate substantial new demand for transportation facilities or services? ☑Yes ☐No

If Yes:

i When is the peak traffic expected (Check all that apply): ☑ Morning ☑ Evening ☐Weekend
☑ Randomly between hours of 10am to 5pm.

ii For commercial activities only, projected number of semi-trailer truck trips/day: 10/Day during construction only

iii Parking spaces: Existing 450+/- Proposed 430+/- Net increase/decrease 20

iv Does the proposed action include any shared use parking? ☐Yes ☑No

v If the proposed action includes any modification of existing roads, creation of new roads or change in existing access, describe:
A temporary construction haul road is proposed for the old railroad bed south of the Zoo to segregate construction traffic from Zoo visitor traffic

vi Are public/private transportation service(s) or facilities available within ½ mile of the proposed site? ☑Yes ☐No

vii Will the proposed action include access to public transportation or accommodations for use of hybrid, electric or other alternative fueled vehicles? ☑Yes ☐No

viii. Will the proposed action include plans for pedestrian or bicycle accommodations for connections to existing pedestrian or bicycle routes? ☑Yes ☐No

k. Will the proposed action (for commercial or industrial projects only) generate new or additional demand for energy? ☑Yes ☐No

If Yes:

i Estimate annual electricity demand during operation of the proposed action:
TBD

ii Anticipated sources/suppliers of electricity for the project (e.g., on-site combustion, on-site renewable, via grid/local utility, or other):
Grid/local utility

iii Will the proposed action require a new, or an upgrade to, an existing substation? ☐Yes ☑No

l. Hours of operation. Answer all items which apply.

i During Construction:
- Monday - Friday: Daylight hours only
- Saturday: _____
- Sunday: _____
- Holidays: _____

ii During Operations:
- Monday - Friday: 10am-4pm
- Saturday: 10am-4pm
- Sunday: 10am-4pm
- Holidays: closed

m. Will the proposed action produce noise that will exceed existing ambient noise levels during construction, operation, or both? ☑ Yes ☐ No

If yes:

i. Provide details including sources, time of day and duration:

There will be short-term construction related noise, limited to daytime hours, which will pose minimal impact to adjacent properties only.

ii. Will proposed action remove existing natural barriers that could act as a noise barrier or screen? ☐ Yes ☑ No

Describe: Selective trees will be removed along east and west Zoo boundary lines

n. Will the proposed action have outdoor lighting? ☑ Yes ☐ No

If yes:

i. Describe source(s), location(s), height of fixture(s), direction/aim, and proximity to nearest occupied structures:

Site and building mounted lighting for safety and security. Lighting to be shielded and directed towards the interior of the Zoo.

ii. Will proposed action remove existing natural barriers that could act as a light barrier or screen? ☑ Yes ☐ No

Describe: Selective trees will be removed along east and west Zoo boundary lines

o. Does the proposed action have the potential to produce odors for more than one hour per day? ☑ Yes ☐ No

If Yes, describe possible sources, potential frequency and duration of odor emissions, and proximity to nearest occupied structures:

During construction, typical odors associated with construction vehicles and operations may be present. Best management practices will be followed.

p. Will the proposed action include any bulk storage of petroleum (combined capacity of over 1,100 gallons) or chemical products 185 gallons in above ground storage or any amount in underground storage? ☐ Yes ☑ No

If Yes:

i. Product(s) to be stored Diesel fuel

ii. Volume(s) _____ per unit time _____ (e.g., month, year)

iii. Generally describe proposed storage facilities:

Emergency generator tanks only. Fuel used only during an emergency and for routine testing

q. Will the proposed action (commercial, industrial and recreational projects only) use pesticides (i.e., herbicides, insecticides) during construction or operation? ☐ Yes ☑ No

If Yes:

i. Describe proposed treatment(s):

ii. Will the proposed action use Integrated Pest Management Practices? ☐ Yes ☐ No

r. Will the proposed action (commercial or industrial projects only) involve or require the management or disposal of solid waste (excluding hazardous materials)? ☑ Yes ☐ No

If Yes:

i. Describe any solid waste(s) to be generated during construction or operation of the facility:

- Construction: TBD tons per month (unit of time)
- Operation : No significant change tons per month (unit of time)

ii. Describe any proposals for on-site minimization, recycling or reuse of materials to avoid disposal as solid waste:

- Construction:
- Operation: Zoo utilizes recycling, composting and other waste minimizing efforts

iii. Proposed disposal methods/facilities for solid waste generated on-site:

- Construction: Existing landfill / recycling facility
- Operation: Existing landfill / recycling facility

s. Does the proposed action include construction or modification of a solid waste management facility? ☐ Yes ☑ No

If Yes:

i. Type of management or handling of waste proposed for the site (e.g., recycling or transfer station, composting, landfill, or other disposal activities): _____

ii. Anticipated rate of disposal/processing:

- _____ Tons/month, if transfer or other non-combustion/thermal treatment, or
- _____ Tons/hour, if combustion or thermal treatment

iii. If landfill, anticipated site life: _____ years

t. Will proposed action at the site involve the commercial generation, treatment, storage, or disposal of hazardous waste? ☐ Yes ☑ No

If Yes:

i. Name(s) of all hazardous wastes or constituents to be generated, handled or managed at facility: _____

ii. Generally describe processes or activities involving hazardous wastes or constituents: _____

iii. Specify amount to be handled or generated _____ tons/month

iv. Describe any proposals for on-site minimization, recycling or reuse of hazardous constituents: _____

v. Will any hazardous wastes be disposed at an existing offsite hazardous waste facility? ☐ Yes ☐ No

If Yes: provide name and location of facility: _____

If No: describe proposed management of any hazardous wastes which will not be sent to a hazardous waste facility: _____

E. Site and Setting of Proposed Action

E.1. Land uses on and surrounding the project site

a. Existing land uses.

i. Check all uses that occur on, adjoining and near the project site.

☐ Urban ☐ Industrial ☐ Commercial ☑ Residential (suburban) ☐ Rural (non-farm)
☐ Forest ☐ Agriculture ☐ Aquatic ☑ Other (specify): Existing zoo, parkland

ii. If mix of uses, generally describe: _____

b. Land uses and covertypes on the project site.

Land use or Covertype	Current Acreage	Acreage After Project Completion	Change (Acres +/-)
• Roads, buildings, and other paved or impervious surfaces Animal exhibit space	11	11	0
• Forested	0	0	0
• Meadows, grasslands or brushlands (non-agricultural, including abandoned agricultural)	0	0	0
• Agricultural (includes active orchards, field, greenhouse etc.)	0	0	0
• Surface water features (lakes, ponds, streams, rivers, etc.)	0	0	0
• Wetlands (freshwater or tidal)	0	0	0
• Non-vegetated (bare rock, earth or fill)	0	0	0
• Other Describe: _____			

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c. Is the project site presently used by members of the community for public recreation? ☑ Yes ☐ No
i. If Yes: explain: Public parkland

d. Are there any facilities serving children, the elderly, people with disabilities (e.g., schools, hospitals, licensed day care centers, or group homes) within 1500 feet of the project site? ☐ Yes ☑ No
If Yes,
i. Identify Facilities:
Berkshire Group Home, 2524 St. Paul Blvd. Rochester; Marianne Daycare, 49 Legran, Irondequoit

e. Does the project site contain an existing dam? ☐ Yes ☑ No
If Yes:
i. Dimensions of the dam and impoundment:
- Dam height: _____ feet
- Dam length: _____ feet
- Surface area: _____ acres
- Volume impounded: _____ gallons OR acre-feet

ii. Dam's existing hazard classification: _____
iii. Provide date and summarize results of last inspection:

f. Has the project site ever been used as a municipal, commercial or industrial solid waste management facility, or does the project site adjoin property which is now, or was at one time, used as a solid waste management facility? ☐ Yes ☑ No
If Yes:
i. Has the facility been formally closed? ☐ Yes ☐ No
- If yes, cite sources/documentation: _____

ii. Describe the location of the project site relative to the boundaries of the solid waste management facility:

iii. Describe any development constraints due to the prior solid waste activities: _____

g. Have hazardous wastes been generated, treated and/or disposed of at the site, or does the project site adjoin property which is now or was at one time used to commercially treat, store and/or dispose of hazardous waste? ☐ Yes ☑ No
If Yes:
i. Describe waste(s) handled and waste management activities, including approximate time when activities occurred:

h. Potential contamination history. Has there been a reported spill at the proposed project site, or have any remedial actions been conducted at or adjacent to the proposed site? ☐ Yes ☑ No
If Yes:
i. Is any portion of the site listed on the NYSDEC Spills Incidents database or Environmental Site Remediation database? Check all that apply: ☐ Yes ☐ No
☐ Yes – Spills Incidents database — Provide DEC ID number(s): _____
☐ Yes – Environmental Site Remediation database — Provide DEC ID number(s): _____
☐ Neither database

ii. If site has been subject of RCRA corrective activities, describe control measures: _____

iii. Is the project within 2000 feet of any site in the NYSDEC Environmental Site Remediation database? ☑ Yes ☐ No
If yes, provide DEC ID number(s): 828071, 828177

iv. If yes to (i), (ii) or (iii) above, describe current status of site(s):

828071 - Kodak Superfund, presently still used subject to environmental notice. Site mgmt phase. 828177 - Kodak RCRA, presently still used subject to environmental easements. Various remedial program implementation.

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v. Is the project site subject to an institutional control limiting property uses? ☐Yes ☑No

- If yes, DEC site ID number: _____
- Describe the type of institutional control (e.g., deed restriction or easement): _____
- Describe any use limitations: _____
- Describe any engineering controls: _____
- Will the project affect the institutional or engineering controls in place? ☐Yes ☐No
- Explain: _____

E.2. Natural Resources On or Near Project Site

a. What is the average depth to bedrock on the project site? 15 - 20 feet

b. Are there bedrock outcroppings on the project site? ☐Yes ☑No
If Yes, what proportion of the site is comprised of bedrock outcroppings? _____%

c. Predominant soil type(s) present on project site:

Silty Sand (SM)	80 %
Poorly Graded Silty Sand (SP-SM)	20 %
	%

d. What is the average depth to the water table on the project site? Average: ±10 feet

e. Drainage status of project site soils:

☑ Well Drained:	80 % of site
☑ Moderately Well Drained:	20 % of site
☐ Poorly Drained	% of site

f. Approximate proportion of proposed action site with slopes:

☑ 0-10%:	60 % of site
☑ 10-15%:	30 % of site
☑ 15% or greater:	10 % of site

g. Are there any unique geologic features on the project site? ☐Yes ☑No
If Yes, describe: _____

h. Surface water features.

i Does any portion of the project site contain wetlands or other waterbodies (including streams, rivers, ponds or lakes)? ☑Yes ☐No

ii Do any wetlands or other waterbodies adjoin the project site? ☑Yes ☐No
If Yes to either *i* or *ii*, continue. If No, skip to E.2.i.

iii Are any of the wetlands or waterbodies within or adjoining the project site regulated by any federal, state or local agency? ☑Yes ☐No

iv For each identified regulated wetland and waterbody on the project site, provide the following information:

- Streams: Name Genesee River Classification B
- Lakes or Ponds: Name Trout Pond / 6 Acres Classification _____
- Wetlands: Name unnamed Approximate Size 0.86 acres
- Wetland No. (if regulated by DEC) _____

v Are any of the above water bodies listed in the most recent compilation of NYS water quality-impaired waterbodies? ☑Yes ☐No
If yes, name of impaired water body/bodies and basis for listing as impaired: _____
Genesee River/ Lower Main Stem (0401-0001)

i. Is the project site in a designated Floodway? ☐Yes ☑No

j. Is the project site in the 100 year Floodplain? ☐Yes ☑No

k. Is the project site in the 500 year Floodplain? ☐Yes ☑No

l. Is the project site located over, or immediately adjoining, a primary, principal or sole source aquifer? ☐Yes ☑No
If Yes:

i Name of aquifer: _____

m. Identify the predominant wildlife species that occupy or use the project site:

Gray squirrel	Racoon	Painted turtle
Whitetail deer	various field mammals	green frog
striped skunk	various field birds	

n. Does the project site contain a designated significant natural community? ☐Yes ☑No

If Yes:

i. Describe the habitat/community (composition, function, and basis for designation): _____

ii. Source(s) of description or evaluation: _____

iii. Extent of community/habitat:

- Currently: _____ acres
- Following completion of project as proposed: _____ acres
- Gain or loss (indicate + or -): _____ acres

o. Does project site contain any species of plant or animal that is listed by the federal government or NYS as endangered or threatened, or does it contain any areas identified as habitat for an endangered or threatened species? ☑Yes ☐No

Purple Bluets, along Genesee River shoreline. Handsome sedge, sandy edges of woodlot. An ecological assessment conducted by Environmental Resources, LLC (12/9/16) with coordination with NY Natural Heritage and USFWS concluded these habitats are not within the Project Area

p. Does the project site contain any species of plant or animal that is listed by NYS as rare, or as a species of special concern? ☑Yes ☐No

q. Is the project site or adjoining area currently used for hunting, trapping, fishing or shell fishing? ☑Yes ☐No

If yes, give a brief description of how the proposed action may affect that use: _____

Fishing is allowed in the Genesee River which is adjoining the property and is allowed in Trout Lake as well.

E.3. Designated Public Resources On or Near Project Site

a. Is the project site, or any portion of it, located in a designated agricultural district certified pursuant to Agriculture and Markets Law, Article 25-AA, Section 303 and 304? ☐Yes ☑No

If Yes, provide county plus district name/number: _____

b. Are agricultural lands consisting of highly productive soils present? ☐Yes ☑No

i. If Yes: acreage(s) on project site? _____

ii. Source(s) of soil rating(s): _____

c. Does the project site contain all or part of, or is it substantially contiguous to, a registered National Natural Landmark? ☐Yes ☑No

If Yes:

i. Nature of the natural landmark: ☐ Biological Community ☐ Geological Feature

ii. Provide brief description of landmark, including values behind designation and approximate size/extent: _____

d. Is the project site located in or does it adjoin a state listed Critical Environmental Area? ☑Yes ☐No

If Yes:

i. CEA name: Open Space (O-S) Zoning District

ii. Basis for designation: Local significance

iii. Designating agency and date: City of Rochester, 03-14-86

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e. Does the project site contain, or is it substantially contiguous to, a building, archaeological site, or district which is listed on, or has been nominated by the NYS Board of Historic Preservation for inclusion on, the State or National Register of Historic Places? ☑ Yes ☐ No

If Yes:

i Nature of historic/archaeological resource: ☐ Archaeological Site ☑ Historic Building or District

ii Name: Seneca Park East & West (03NR050552)

iii. Brief description of attributes on which listing is based:

Historical events, period characteristics

f. Is the project site, or any portion of it, located in or adjacent to an area designated as sensitive for archaeological sites on the NY State Historic Preservation Office (SHPO) archaeological site inventory? ☐ Yes ☑ No

g. Have additional archaeological or historic site(s) or resources been identified on the project site? ☐ Yes ☑ No

If Yes:

i. Describe possible resource(s):

ii Basis for identification:

h. Is the project site within fives miles of any officially designated and publicly accessible federal, state, or local scenic or aesthetic resource? ☑ Yes ☐ No

If Yes:

i Identify resource: Various County, State and local parks, trails, scenic byways, and related resources

ii Nature of, or basis for, designation (e.g., established highway overlook, state or local park, state historic trail or scenic byway, etc.): State and local significance

iii. Distance between project and resource: 0-5 miles.

i. Is the project site located within a designated river corridor under the Wild, Scenic and Recreational Rivers Program 6 NYCRR 666? ☐ Yes ☑ No

If Yes:

i Identify the name of the river and its designation:

ii Is the activity consistent with development restrictions contained in 6NYCRR Part 666? ☐ Yes ☐ No

F. Additional Information

Attach any additional information which may be needed to clarify your project.

If you have identified any adverse impacts which could be associated with your proposal, please describe those impacts plus any measures which you propose to avoid or minimize them.

G. Verification

I certify that the information provided is true to the best of my knowledge.

Applicant/Sponsor Name Norm Gardner, CPL, Agent for Monroe County Date 05/18/2022

Signature _____ Title Project Manager

PRINT FORM

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Agency Use Only [If applicable]

Project:

Date:

Full Environmental Assessment Form
Part 2 - Identification of Potential Project Impacts

Part 2 is to be completed by the lead agency. Part 2 is designed to help the lead agency inventory all potential resources that could be affected by a proposed project or action. We recognize that the lead agency's reviewer(s) will not necessarily be environmental professionals. So, the questions are designed to walk a reviewer through the assessment process by providing a series of questions that can be answered using the information found in Part 1. To further assist the lead agency in completing Part 2, the form identifies the most relevant questions in Part 1 that will provide the information needed to answer the Part 2 question. When Part 2 is completed, the lead agency will have identified the relevant environmental areas that may be impacted by the proposed activity.

If the lead agency is a state agency and the action is in any Coastal Area, complete the Coastal Assessment Form before proceeding with this assessment.

Tips for completing Part 2:

- Review all of the information provided in Part 1.
- Review any application, maps, supporting materials and the Full EAF Workbook.
- Answer each of the 18 questions in Part 2.
- If you answer "Yes" to a numbered question, please complete all the questions that follow in that section.
- If you answer "No" to a numbered question, move on to the next numbered question.
- Check appropriate column to indicate the anticipated size of the impact.
- Proposed projects that would exceed a numeric threshold contained in a question should result in the reviewing agency checking the box "Moderate to large impact may occur."
- The reviewer is not expected to be an expert in environmental analysis.
- If you are not sure or undecided about the size of an impact, it may help to review the sub-questions for the general question and consult the workbook.
- When answering a question consider all components of the proposed activity, that is, the "whole action".
- Consider the possibility for long-term and cumulative impacts as well as direct impacts.
- Answer the question in a reasonable manner considering the scale and context of the project.

1. Impact on Land
Proposed action may involve construction on, or physical alteration of, the land surface of the proposed site. (See Part 1. D.1)
If "Yes", answer questions a - j. If "No", move on to Section 2.

☐ NO ☑ YES

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may involve construction on land where depth to water table is less than 3 feet.	E2d	☑	☐
b. The proposed action may involve construction on slopes of 15% or greater.	E2f	☑	☐
c. The proposed action may involve construction on land where bedrock is exposed, or generally within 5 feet of existing ground surface.	E2a	☑	☐
d. The proposed action may involve the excavation and removal of more than 1,000 tons of natural material.	D2a	☑	☐
e. The proposed action may involve construction that continues for more than one year or in multiple phases.	D1e	☐	☑
f. The proposed action may result in increased erosion, whether from physical disturbance or vegetation removal (including from treatment by herbicides).	D2e, D2q	☑	☐
g. The proposed action is, or may be, located within a Coastal Erosion hazard area.	B1i	☑	☐
h. Other impacts: Reconstruction of the trail system and abandoned railroad bed		☑	☐

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2. Impact on Geological Features

The proposed action may result in the modification or destruction of, or inhibit access to, any unique or unusual land forms on the site (e.g., cliffs, dunes, minerals, fossils, caves). (See Part 1. E.2.g) ☑ NO ☐ YES

If "Yes", answer questions a - c. If "No", move on to Section 3.

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. Identify the specific land form(s) attached: _____	E2g	☐	☐
b. The proposed action may affect or is adjacent to a geological feature listed as a registered National Natural Landmark. Specific feature: _____	E3c	☐	☐
c. Other impacts: _____		☐	☐

3. Impacts on Surface Water

The proposed action may affect one or more wetlands or other surface water bodies (e.g., streams, rivers, ponds or lakes). (See Part 1. D.2, E.2.h) ☑ NO ☐ YES

If "Yes", answer questions a - l. If "No", move on to Section 4.

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may create a new water body.	D2b, D1h	☐	☐
b. The proposed action may result in an increase or decrease of over 10% or more than a 10 acre increase or decrease in the surface area of any body of water.	D2b	☐	☐
c. The proposed action may involve dredging more than 100 cubic yards of material from a wetland or water body.	D2a	☐	☐
d. The proposed action may involve construction within or adjoining a freshwater or tidal wetland, or in the bed or banks of any other water body.	E2h	☐	☐
e. The proposed action may create turbidity in a waterbody, either from upland erosion, runoff or by disturbing bottom sediments.	D2a, D2h	☐	☐
f. The proposed action may include construction of one or more intake(s) for withdrawal of water from surface water.	D2c	☐	☐
g. The proposed action may include construction of one or more outfall(s) for discharge of wastewater to surface water(s).	D2d	☐	☐
h. The proposed action may cause soil erosion, or otherwise create a source of stormwater discharge that may lead to siltation or other degradation of receiving water bodies.	D2e	☐	☐
i. The proposed action may affect the water quality of any water bodies within or downstream of the site of the proposed action.	E2h	☐	☐
j. The proposed action may involve the application of pesticides or herbicides in or around any water body.	D2q, E2h	☐	☐
k. The proposed action may require the construction of new, or expansion of existing, wastewater treatment facilities.	D1a, D2d	☐	☐

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l. Other impacts: _____		☐	☐

4. Impact on groundwater

The proposed action may result in new or additional use of ground water, or may have the potential to introduce contaminants to ground water or an aquifer. (See Part 1. D.2.a, D.2.c, D.2.d, D.2.p, D.2.q, D.2.t) ☐NO ☑YES

If "Yes", answer questions a - h. If "No", move on to Section 5.

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may require new water supply wells, or create additional demand on supplies from existing water supply wells.	D2c	☑	☐
b. Water supply demand from the proposed action may exceed safe and sustainable withdrawal capacity rate of the local supply or aquifer. Cite Source: _____	D2c	☑	☐
c. The proposed action may allow or result in residential uses in areas without water and sewer services.	D1a, D2c	☑	☐
d. The proposed action may include or require wastewater discharged to groundwater.	D2d, E2l	☑	☐
e. The proposed action may result in the construction of water supply wells in locations where groundwater is, or is suspected to be, contaminated.	D2c, E1f, E1g, E1h	☑	☐
f. The proposed action may require the bulk storage of petroleum or chemical products over ground water or an aquifer.	D2p, E2l	☑	☐
g. The proposed action may involve the commercial application of pesticides within 100 feet of potable drinking water or irrigation sources.	E2h, D2q, E2l, D2c	☑	☐
h. Other impacts: Geothermal well drilling will occur _____		☑	☐

5. Impact on Flooding

The proposed action may result in development on lands subject to flooding. (See Part 1. E.2) ☑NO ☐YES

If "Yes", answer questions a - g. If "No", move on to Section 6.

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may result in development in a designated floodway.	E2i	☐	☐
b. The proposed action may result in development within a 100 year floodplain.	E2j	☐	☐
c. The proposed action may result in development within a 500 year floodplain.	E2k	☐	☐
d. The proposed action may result in, or require, modification of existing drainage patterns.	D2b, D2e	☐	☐
e. The proposed action may change flood water flows that contribute to flooding.	D2b, E2i, E2j, E2k	☐	☐
f. If there is a dam located on the site of the proposed action, is the dam in need of repair, or upgrade?	E1e	☐	☐

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g. Other impacts: _____		☐	☐

6. Impacts on Air

The proposed action may include a state regulated air emission source. (See Part 1. D.2.f., D.2.h, D.2.g) ☐NO ☑YES

If "Yes", answer questions a - f. If "No", move on to Section 7.

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. If the proposed action requires federal or state air emission permits, the action may also emit one or more greenhouse gases at or above the following levels:			
i. More than 1000 tons/year of carbon dioxide (CO_2)	D2g	☑	☐
ii. More than 3.5 tons/year of nitrous oxide (N_2O)	D2g	☑	☐
iii. More than 1000 tons/year of carbon equivalent of perfluorocarbons (PFCs)	D2g	☑	☐
iv. More than .045 tons/year of sulfur hexafluoride (SF_6)	D2g	☑	☐
v. More than 1000 tons/year of carbon dioxide equivalent of hydrochloroflourocarbons (HFCs) emissions	D2g	☑	☐
vi. 43 tons/year or more of methane	D2h	☑	☐
b. The proposed action may generate 10 tons/year or more of any one designated hazardous air pollutant, or 25 tons/year or more of any combination of such hazardous air pollutants.	D2g	☑	☐
c. The proposed action may require a state air registration, or may produce an emissions rate of total contaminants that may exceed 5 lbs. per hour, or may include a heat source capable of producing more than 10 million BTU's per hour.	D2f, D2g	☑	☐
d. The proposed action may reach 50% of any of the thresholds in "a" through "c", above.	D2g	☑	☐
e. The proposed action may result in the combustion or thermal treatment of more than 1 ton of refuse per hour.	D2s	☑	☐
f. Other impacts: Minor increase in vehicle emissions during construction activities		☑	☐

7. Impact on Plants and Animals

The proposed action may result in a loss of flora or fauna. (See Part 1. E.2. m.-q.) ☐NO ☑YES

If "Yes", answer questions a - j. If "No", move on to Section 8.

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may cause reduction in population or loss of individuals of any threatened or endangered species, as listed by New York State or the Federal government, that use the site, or are found on, over, or near the site.	E2o	☑	☐
b. The proposed action may result in a reduction or degradation of any habitat used by any rare, threatened or endangered species, as listed by New York State or the federal government.	E2o	☑	☐
c. The proposed action may cause reduction in population, or loss of individuals, of any species of special concern or conservation need, as listed by New York State or the Federal government, that use the site, or are found on, over, or near the site.	E2p	☑	☐
d. The proposed action may result in a reduction or degradation of any habitat used by any species of special concern and conservation need, as listed by New York State or the Federal government.	E2p	☑	☐

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e. The proposed action may diminish the capacity of a registered National Natural Landmark to support the biological community it was established to protect.	E3c	☑	☐
f. The proposed action may result in the removal of, or ground disturbance in, any portion of a designated significant natural community. Source: _____	E2n	☑	☐
g. The proposed action may substantially interfere with nesting/breeding, foraging, or over-wintering habitat for the predominant species that occupy or use the project site.	E2m	☑	☐
h. The proposed action requires the conversion of more than 10 acres of forest, grassland or any other regionally or locally important habitat. Habitat type & information source: _____	E1b	☑	☐
i. Proposed action (commercial, industrial or recreational projects, only) involves use of herbicides or pesticides.	D2q	☑	☐
j. Other impacts: No impact to habitats known to support regional threatened or endangered species		☑	☐

8. Impact on Agricultural Resources

The proposed action may impact agricultural resources. (See Part 1. E.3.a. and b.) ☑NO ☐YES

If "Yes", answer questions a - h. If "No", move on to Section 9.

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may impact soil classified within soil group 1 through 4 of the NYS Land Classification System.	E2c, E3b	☐	☐
b. The proposed action may sever, cross or otherwise limit access to agricultural land (includes cropland, hayfields, pasture, vineyard, orchard, etc).	E1a, E1b	☐	☐
c. The proposed action may result in the excavation or compaction of the soil profile of active agricultural land.	E3b	☐	☐
d. The proposed action may irreversibly convert agricultural land to non-agricultural uses, either more than 2.5 acres if located in an Agricultural District, or more than 10 acres if not within an Agricultural District.	E1b, E3a	☐	☐
e. The proposed action may disrupt or prevent installation of an agricultural land management system.	E1 a, E1b	☐	☐
f. The proposed action may result, directly or indirectly, in increased development potential or pressure on farmland.	C2c, C3, D2c, D2d	☐	☐
g. The proposed project is not consistent with the adopted municipal Farmland Protection Plan.	C2c	☐	☐
h. Other impacts: _____		☐	☐

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9. Impact on Aesthetic Resources
The land use of the proposed action are obviously different from, or are in sharp contrast to, current land use patterns between the proposed project and a scenic or aesthetic resource. (Part 1. E.1.a, E.1.b, E.3.h.) ☐NO ☑YES
If "Yes", answer questions a - g. If "No", go to Section 10.

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. Proposed action may be visible from any officially designated federal, state, or local scenic or aesthetic resource.	E3h	☑	☐
b. The proposed action may result in the obstruction, elimination or significant screening of one or more officially designated scenic views.	E3h, C2b	☑	☐
c. The proposed action may be visible from publicly accessible vantage points: i. Seasonally (e.g., screened by summer foliage, but visible during other seasons) ii. Year round	E3h	☑ ☑	☐ ☐
d. The situation or activity in which viewers are engaged while viewing the proposed action is: i. Routine travel by residents, including travel to and from work ii. Recreational or tourism based activities	E3h E2q, E1c	☑ ☑	☐ ☐
e. The proposed action may cause a diminishment of the public enjoyment and appreciation of the designated aesthetic resource.	E3h	☑	☐
f. There are similar projects visible within the following distance of the proposed project: 0-1/2 mile ½ -3 mile 3-5 mile 5+ mile	D1a, E1a, D1f, D1g	☑	☐
g. Other impacts: Existing trees along the new service road and construction haul road		☑	☐

10. Impact on Historic and Archeological Resources
The proposed action may occur in or adjacent to a historic or archaeological resource. (Part 1. E.3.e, f. and g.) ☐NO ☑YES
If "Yes", answer questions a - e. If "No", go to Section 11.

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may occur wholly or partially within, or substantially contiguous to, any buildings, archaeological site or district which is listed on the National or State Register of Historical Places, or that has been determined by the Commissioner of the NYS Office of Parks, Recreation and Historic Preservation to be eligible for listing on the State Register of Historic Places.	E3e	☑	☐
b. The proposed action may occur wholly or partially within, or substantially contiguous to, an area designated as sensitive for archaeological sites on the NY State Historic Preservation Office (SHPO) archaeological site inventory.	E3f	☑	☐
c. The proposed action may occur wholly or partially within, or substantially contiguous to, an archaeological site not included on the NY SHPO inventory. Source: SHPO	E3g	☑	☐

d. Other impacts: Consultation with SHPO concluded that impacts to historical resources will be adequately mitigated		☑	☐
e. If any of the above (a-d) are answered "Moderate to large impact may occur", continue with the following questions to help support conclusions in Part 3:			
i. The proposed action may result in the destruction or alteration of all or part of the site or property.	E3e, E3g, E3f	☐	☐
ii. The proposed action may result in the alteration of the property's setting or integrity.	E3e, E3f, E3g, E1a, E1b	☐	☐
iii. The proposed action may result in the introduction of visual elements which are out of character with the site or property, or may alter its setting.	E3e, E3f, E3g, E3h, C2, C3	☐	☐

11. Impact on Open Space and Recreation

The proposed action may result in a loss of recreational opportunities or a reduction of an open space resource as designated in any adopted municipal open space plan. (See Part 1. C.2.c, E.1.c., E.2.q.)

☐ NO ☑ YES

If "Yes", answer questions a - e. If "No", go to Section 12.

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may result in an impairment of natural functions, or "ecosystem services", provided by an undeveloped area, including but not limited to stormwater storage, nutrient cycling, wildlife habitat.	D2e, E1b E2h, E2m, E2o, E2n, E2p	☑	☐
b. The proposed action may result in the loss of a current or future recreational resource.	C2a, E1c, C2c, E2q	☑	☐
c. The proposed action may eliminate open space or recreational resource in an area with few such resources.	C2a, C2c E1c, E2q	☑	☐
d. The proposed action may result in loss of an area now used informally by the community as an open space resource.	C2c, E1c	☑	☐
e. Other impacts: Construction of the new Zoo buildings and trail system will enhance the open space and recreational resources within the Zoo		☑	☐

12. Impact on Critical Environmental Areas

The proposed action may be located within or adjacent to a critical environmental area (CEA). (See Part 1. E.3.d)

☐ NO ☑ YES

If "Yes", answer questions a - c. If "No", go to Section 13.

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may result in a reduction in the quantity of the resource or characteristic which was the basis for designation of the CEA.	E3d	☑	☐
b. The proposed action may result in a reduction in the quality of the resource or characteristic which was the basis for designation of the CEA.	E3d	☑	☐
c. Other impacts:		☑	☐

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13. Impact on Transportation
The proposed action may result in a change to existing transportation systems. ☐ NO ☑ YES
(See Part 1. D.2.j)
If "Yes", answer questions a - f. If "No", go to Section 14.

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. Projected traffic increase may exceed capacity of existing road network.	D2j	☑	☐
b. The proposed action may result in the construction of paved parking area for 500 or more vehicles.	D2j	☑	☐
c. The proposed action will degrade existing transit access.	D2j	☑	☐
d. The proposed action will degrade existing pedestrian or bicycle accommodations.	D2j	☑	☐
e. The proposed action may alter the present pattern of movement of people or goods.	D2j	☑	☐
f. Other impacts: Increases in construction vehicle traffic will occur		☑	☐

14. Impact on Energy
The proposed action may cause an increase in the use of any form of energy. ☐ NO ☑ YES
(See Part 1. D.2.k)
If "Yes", answer questions a - e. If "No", go to Section 15.

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action will require a new, or an upgrade to an existing, substation.	D2k	☑	☐
b. The proposed action will require the creation or extension of an energy transmission or supply system to serve more than 50 single or two-family residences or to serve a commercial or industrial use.	D1f, D1q, D2k	☑	☐
c. The proposed action may utilize more than 2,500 MWhrs per year of electricity.	D2k	☑	☐
d. The proposed action may involve heating and/or cooling of more than 100,000 square feet of building area when completed.	D1g	☑	☐
e. Other Impacts: Geothermal systems are proposed to reduce reliance on natural gas		☑	☐

15. Impact on Noise, Odor, and Light
The proposed action may result in an increase in noise, odors, or outdoor lighting. ☐ NO ☑ YES
(See Part 1. D.2.m., n., and o.)
If "Yes", answer questions a - f. If "No", go to Section 16.

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may produce sound above noise levels established by local regulation.	D2m	☑	☐
b. The proposed action may result in blasting within 1,500 feet of any residence, hospital, school, licensed day care center, or nursing home.	D2m, E1d	☑	☐
c. The proposed action may result in routine odors for more than one hour per day.	D2o	☑	☐

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d. The proposed action may result in light shining onto adjoining properties.	D2n	☑	☐
e. The proposed action may result in lighting creating sky-glow brighter than existing area conditions.	D2n, E1a	☑	☐
f. Other impacts: There will be construction-related temporary noise and potential dust from construction activities		☑	☐

16. Impact on Human Health

The proposed action may have an impact on human health from exposure to new or existing sources of contaminants. (See Part 1.D.2.q., E.1. d. f. g. and h.) ☐ NO ☑ YES

If "Yes", answer questions a - m. If "No", go to Section 17.

	Relevant Part I Question(s)	No,or small impact may occur	Moderate to large impact may occur
a. The proposed action is located within 1500 feet of a school, hospital, licensed day care center, group home, nursing home or retirement community.	E1d	☑	☐
b. The site of the proposed action is currently undergoing remediation.	E1g, E1h	☑	☐
c. There is a completed emergency spill remediation, or a completed environmental site remediation on, or adjacent to, the site of the proposed action.	E1g, E1h	☑	☐
d. The site of the action is subject to an institutional control limiting the use of the property (e.g., easement or deed restriction).	E1g, E1h	☑	☐
e. The proposed action may affect institutional control measures that were put in place to ensure that the site remains protective of the environment and human health.	E1g, E1h	☑	☐
f. The proposed action has adequate control measures in place to ensure that future generation, treatment and/or disposal of hazardous wastes will be protective of the environment and human health.	D2t	☑	☐
g. The proposed action involves construction or modification of a solid waste management facility.	D2q, E1f	☑	☐
h. The proposed action may result in the unearthing of solid or hazardous waste.	D2q, E1f	☑	☐
i. The proposed action may result in an increase in the rate of disposal, or processing, of solid waste.	D2r, D2s	☑	☐
j. The proposed action may result in excavation or other disturbance within 2000 feet of a site used for the disposal of solid or hazardous waste.	E1f, E1g E1h	☑	☐
k. The proposed action may result in the migration of explosive gases from a landfill site to adjacent off site structures.	E1f, E1g	☑	☐
l. The proposed action may result in the release of contaminated leachate from the project site.	D2s, E1f, D2r	☑	☐
m. Other impacts:		☐	☐

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17. Consistency with Community Plans

The proposed action is not consistent with adopted land use plans. (See Part 1. C.1, C.2. and C.3.) ☑ NO ☐ YES

If "Yes", answer questions a - h. If "No", go to Section 18.

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action's land use components may be different from, or in sharp contrast to, current surrounding land use pattern(s).	C2, C3, D1a E1a, E1b	☐	☐
b. The proposed action will cause the permanent population of the city, town or village in which the project is located to grow by more than 5%.	C2	☐	☐
c. The proposed action is inconsistent with local land use plans or zoning regulations.	C2, C2, C3	☐	☐
d. The proposed action is inconsistent with any County plans, or other regional land use plans.	C2, C2	☐	☐
e. The proposed action may cause a change in the density of development that is not supported by existing infrastructure or is distant from existing infrastructure.	C3, D1c, D1d, D1f, D1d, E1b	☐	☐
f. The proposed action is located in an area characterized by low density development that will require new or expanded public infrastructure.	C4, D2c, D2d D2j	☐	☐
g. The proposed action may induce secondary development impacts (e.g., residential or commercial development not included in the proposed action)	C2a	☐	☐
h. Other: _____ _____		☐	☐

18. Consistency with Community Character

The proposed project is inconsistent with the existing community character. (See Part 1. C.2, C.3, D.2, E.3) ☑ NO ☐ YES

If "Yes", answer questions a - g. If "No", proceed to Part 3.

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may replace or eliminate existing facilities, structures, or areas of historic importance to the community.	E3e, E3f, E3g	☐	☐
b. The proposed action may create a demand for additional community services (e.g. schools, police and fire)	C4	☐	☐
c. The proposed action may displace affordable or low-income housing in an area where there is a shortage of such housing.	C2, C3, D1f D1g, E1a	☐	☐
d. The proposed action may interfere with the use or enjoyment of officially recognized or designated public resources.	C2, E3	☐	☐
e. The proposed action is inconsistent with the predominant architectural scale and character.	C2, C3	☐	☐
f. Proposed action is inconsistent with the character of the existing natural landscape.	C2, C3 E1a, E1b E2g, E2h	☐	☐
g. Other impacts: _____ _____		☐	☐

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11.05

Agency Use Only [If Applicable]

Project:

Date:

Full Environmental Assessment Form
Part 3 - Evaluation of the Magnitude and Importance of Project Impacts and Determination of Significance

Part 3 provides the reasons in support of the determination of significance. The lead agency must complete Part 3 for every question in Part 2 where the impact has been identified as potentially moderate to large or where there is a need to explain why a particular element of the proposed action will not, or may, result in a significant adverse environmental impact.

Based on the analysis in Part 3, the lead agency must decide whether to require an environmental impact statement to further assess the proposed action or whether available information is sufficient for the lead agency to conclude that the proposed action will not have a significant adverse environmental impact. By completing the certification on the next page, the lead agency can complete its determination of significance.

Reasons Supporting This Determination:
To complete this section:

- Identify the impact based on the Part 2 responses and describe its magnitude. Magnitude considers factors such as severity, size or extent of an impact.
- Assess the importance of the impact. Importance relates to the geographic scope, duration, probability of the impact occurring, number of people affected by the impact and any additional environmental consequences if the impact were to occur.
- The assessment should take into consideration any design element or project changes.
- Repeat this process for each Part 2 question where the impact has been identified as potentially moderate to large or where there is a need to explain why a particular element of the proposed action will not, or may, result in a significant adverse environmental impact.
- Provide the reason(s) why the impact may, or will not, result in a significant adverse environmental impact
- For Conditional Negative Declarations identify the specific condition(s) imposed that will modify the proposed action so that no significant adverse environmental impacts will result.
- Attach additional sheets, as needed.

See Attached Document

Determination of Significance - Type 1 and Unlisted Actions

SEQR Status: ☑ Type 1 ☐ Unlisted

Identify portions of EAF completed for this Project: ☑ Part 1 ☑ Part 2 ☑ Part 3

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Upon review of the information recorded on this EAF, as noted, plus this additional support information

and considering both the magnitude and importance of each identified potential impact, it is the conclusion of the _____ as lead agency that:

☑ A. This project will result in no significant adverse impacts on the environment, and, therefore, an environmental impact statement need not be prepared. Accordingly, this negative declaration is issued.

☐ B. Although this project could have a significant adverse impact on the environment, that impact will be avoided or substantially mitigated because of the following conditions which will be required by the lead agency:

There will, therefore, be no significant adverse impacts from the project as conditioned, and, therefore, this conditioned negative declaration is issued. A conditioned negative declaration may be used only for UNLISTED actions (see 6 NYCRR 617.7(d)).

☐ C. This Project may result in one or more significant adverse impacts on the environment, and an environmental impact statement must be prepared to further assess the impact(s) and possible mitigation and to explore alternatives to avoid or reduce those impacts. Accordingly, this positive declaration is issued.

Name of Action: Seneca Park Zoo - Tropical Exhibit and Main Entry Plaza Project
Name of Lead Agency: Monroe County
Name of Responsible Officer in Lead Agency: Adam Bello
Title of Responsible Officer: County Executive
Signature of Responsible Officer in Lead Agency: Date:
Signature of Preparer (if different from Responsible Officer) Date:

For Further Information:

Contact Person: Patrick Meredith, Director of Parks

Address: 39 West Main Street, rochester, NY 14614

Telephone Number: 585-753-1000

E-mail: patrick.meredith@monroecounty.gov

For Type 1 Actions and Conditioned Negative Declarations, a copy of this Notice is sent to:

Chief Executive Officer of the political subdivision in which the action will be principally located (e.g., Town / City / Village of)
Other involved agencies (if any)
Applicant (if any)
Environmental Notice Bulletin: http://www.dec.ny.gov/enb/enb.html

PRINT FULL FORM

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Seneca Park Zoo Improvements

SEQRA Negative Declaration – AMENDED
Reasons to Support Determination of Significance

This Document identifies updates to the Proposed Action for the Seneca Park Zoo Capital Improvement Program along with any corresponding changes from the 2016 environmental review SEQRA process in which a Negative Declaration was issued. Changes to the Lead Agency's environmental assessment of the Proposed Action are noted below, including any potentially significant environmental impacts associated with the updates or changes as a result of the refinement and details developed for Phase 2 of the Capital Program.

1. Impact on Land

Phase 1 of the Capital Program included the demolition of the Main Zoo Building as well as other minor accessory structures. Phase 2 will involve demolition of the remaining buildings at the main entrance, including the Administration building.

Phase 2 of the work at Seneca Park Zoo entails the demolition of the remaining administrative and support buildings at the main entrance and replacement with a new entrance building that will include administrative, support, and community spaces, as well as new, state of the art exhibit space, in line with the 2015 Zoo Master Plan.

The existing eastern service road will be widened to maintain appropriate fire department access route through the Zoo but shifted east. The roadway shift will also allow for the ability to isolate Zoo patron access from Zoo operational needs. The existing public access walking path along the eastern boundary of the Park will be shifted east also and be adjacent to the Zoo perimeter fence and still within the confines of the existing abandoned railroad bed. A vegetated buffer will still remain along the eastern Park boundary, offset a minimum of 5 feet from the Park property line.

This eastern service road will also be extended north from its existing terminus to the southern terminus of the new African exhibit to provide the Zoo with service access throughout the Zoo, reducing Zoo operational traffic within Seneca Park and provide fire department access through the entire Zoo.

The paved portion of the existing walking trail south of the Zoo's Main Parking Lot will be widened to allow for temporary use as a construction haul road during construction. This haul road will significantly reduce construction traffic within the Main Zoo parking lot, a significant safety improvement. This roadway will be restored upon completion of construction activities and repaved back to its original width.

Phase 2 will also involve the installation of a geothermal wellfield within the northern portion of the main parking lot. Approximately thirty vertical wells will be drilled within the parking lot area. Upon completion the well will be paved over and integral to the Zoo's heating and cooling needs.

A short section of the Zoo perimeter chain link fence, approximately 300 feet, will be replaced with a retaining wall which will range between three feet and 10-½ feet in height. Trees adjacent to the wall will be removed to accommodate construction.

Although this proposed work will result in changes to the land, for the above reasons no significant adverse environmental impacts to land resources are anticipated.

2. Impact on Geological Features

No noted geological features exist on the site; therefore, no significant adverse environmental impacts are anticipated.

3. Impact on Surface Water

None of the proposed Phase 2 work will encroach into any federal or State jurisdictional wetlands or surface water. The existing Trout Pond was expanded as part of Phase 1 incorporating the stormwater quantity needs of the proposed Phase 2 work. All stormwater quality and quantity requirements will be managed in accordance with NYSDEC requirements. For all elements of Phase 2, proper erosion and stormwater prevention controls will be required in accordance with a Stormwater Pollution and Prevention Plan (SWPPP). For these reasons, no significant adverse environmental impacts to surface waters are anticipated.

4. Impact on Groundwater

There will be no significant increase in impervious surface in Phase 2 that was not accounted for in Phase 1 with the expansion of Trout Pond. Existing groundwater infiltration areas will remain along the eastern portion of the park boundary.

All geothermal wells will be drilled and grouted in conformance with standard geothermal drilling practices and operations. and done in accordance with NYSDEC requirements. Therefore, no significant adverse environmental impacts to groundwater are anticipated.

5. Impact on Flooding

There are no designated floodplains within the Zoo boundary. Therefore, no significant adverse environmental impacts as a result of any flooding are anticipated.

6. Impact on Air

The continued operation of the Zoo does not produce any significant air emissions. The only minimal emissions would be from small-scale HVAC equipment or emergency generators.

There will be short-term temporary emissions during the Phase 2 construction process. Fugitive dust and exhaust from construction equipment can be expected but limited to the

immediate site and controlled through the use of appropriate construction practices. For these reasons, no significant adverse environmental impacts to air are anticipated.

7. Impact on Plants and Animals

NYS Natural Heritage (NYS NHP) and US Fish and Wildlife Service was consulted during Phase 1 to identify the potential for threatened or endangered species. Historical State records indicated that the potential presence of two plant species (purple bluets and Handsome sedge) may exist in the vicinity the Proposed Action, though they have not been observed since 1905 and 1921, respectively. Further consultation with NYS NHP during the Phase 1 SEQRA process determined that any proposed site disturbance in the Zoo and Park will not occur within habitat supporting either species.

Phase 2 work is proposed along the existing, abandoned railroad bed, which is bordered by trees. Additionally, there are several trees within the construction footprint that will be removed during construction activities within the Zoo boundary. Any trees removed for temporary haul road construction within the Seneca park boundary will be replaced with new trees.

For these reasons, no significant adverse environmental impacts to plants and animals are anticipated.

8. Impact on Agricultural Resources

There are no designated agricultural lands within the proposed development area. Therefore, no significant adverse environmental impacts to agricultural resources are anticipated.

9. Impact on Aesthetic Resources

The project has been designed to fit aesthetically with other buildings in the Zoo as well as the adjacent Seneca Park. As noted in item #10 below, the State Historic Preservation Office (SHPO) and the Landmark Society of Western New York (LSWNY) have been consulted with during Phase 1 and their concerns addressed to ensure that buildings and landscaping contribute to the aesthetic value of the Zoo and Seneca Park. Therefore, no significant adverse environmental impacts to aesthetic resources are anticipated.

10. Impact on Historic and Archeological Resources

Seneca Park East and West is noted as being on the National Register (03NR050522) and several of the buildings within the Zoo are noted as being or contributing historic structures, including the Main Zoo and Administration Buildings. As part of the environmental review process, SHPO was consulted and provided significant information regarding proposed work and past/current planning for the Zoo (16PR02924). The agency determined that the demolition of the buildings constituted as Adverse Impact in a consolidated response dated June 14, 2016 and requested additional information as

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part of its review. The County consulted with the Landmark Society of Western New York (LSWNY) to provide an analysis and recommendations on the effected buildings due to their significant past history with Seneca Park and the Zoo.

With additional information provided to SHPO, the agency accepted that there are no Prudent or Feasible Alternatives to the demolition of the aforementioned buildings in a consolidated response dated October 28, 2016. SHPO identified measures to satisfy the potential historic impacts associated with demolition, which include photographic documentation of both buildings (completed prior to Phase 1) and incorporation of an interpretive display of the history of the Zoo that includes the buildings (proposed to be incorporated within Phase 2).

The proposed retaining wall to replace the existing chain link fence on the western property line will be coordinated with SHPO and LSWNY to ensure appropriate materials are chosen to minimize visual impacts as well as the planting of additional trees where feasible. This continued consultation and coordination provides important historical and cultural oversight. For these reasons, no significant adverse environmental impacts to historic and archeological resources are anticipated.

11. Impact on Open Space and Recreation

Development within the Zoo will occur within areas that are currently fully developed. Throughout the planning history of the Zoo, all lands within its bounds were identified as being utilized for potential expansion of animal exhibits and community education. Overall, the proposed improvements at the Zoo will not result in a loss of any recreational opportunities, rather it will expand these opportunities to the public and provide users with a more enjoyable experience through enhancement of pedestrian footrails and Zoo educational experience.

The proposed temporary haul road on the southeastern portion of the existing, abandoned railbed will be temporary and utilized to separate construction truck traffic from visitor traffic, allowing the Zoo to continue to operate throughout the season. The service road extension will also allow the Zoo to continue to operate and will also provide more enhanced use of the existing public trail located along the former railroad grade.

The proposed improvements at the Zoo will have insignificant impacts to the Park, limited only to the replacement of the existing chain link fence with a stone retaining wall and minimal, strategic clearing of some buffer vegetation to accommodate the service road and trail system. Areas where this clearing is proposed is limited to the immediate area adjacent to the wall and haul road, and to the minimal extent necessary for construction; with new native trees planted to the extent practical. Therefore, no significant adverse environmental impacts to open space and recreation are anticipated.

12. Impact on Critical Environmental Areas

The City of Rochester designated their Open Space (O-S) Zoning Districts as Critical Environmental Areas (CEAs) in order to protect existing greenspace and recreational

assets within the City. The Zoo is within this zoning district and as such within a CEA. However, while there is significant work proposed within the CEA, the project will be within the currently developed Zoo boundary with proposed improvements designed to modernize and enhance original facility carrying it forward into the future. Therefore, no significant adverse environmental impacts to critical environmental areas are anticipated.

13. Impact on Transportation

The existing parking lot on the south end of the Zoo grounds will remain with some reconfigurations proposed to improve traffic flow for the new entry complex. Parking counts and ingress/egress points are not expected to change significantly.

During construction, there will be an increase in traffic as a result of construction vehicles. It is estimated that up to fifty construction trucks per day may occur for short periods only during daylight hours and weekdays. It is estimated that 120 workers may be on the site during peak construction times. This traffic impact will be short-term and temporary. There will be a proposed construction haul road along the former railroad bed that will segregate construction traffic from Zoo patron traffic within the Park road network. Once construction is complete, traffic as a result of the Proposed Action will not increase significantly beyond the current road network capacity.

For these reasons, no significant adverse environmental impacts to transportation systems are anticipated.

14. Impact on Energy

Several new buildings are proposed as part of the overall work at the Zoo including a replacement of the Main Zoo Building. While these new buildings will result in an increase in the usage of electricity and natural gas for heating, the Zoo is currently serviced by public utilities and sufficient capacity exists for them. Replacement of older buildings on the Zoo grounds with newer energy-efficient buildings subject to current building code standards, including energy codes, which will likely increase their energy efficiency. As a result, energy consumption will likely improve through the use of more efficient building/HVAC systems, lighting, and materials.

Additionally, the new Entry / Administration Building is proposed to be serviced by a geothermal heating / cooling system. This renewable energy source will significantly reduce the Zoo's reliance on natural gas and electricity use over the life of the building.

For these reasons, no significant adverse environmental impacts to energy are anticipated.

15. Impact on Noise, Odor, and Light

With the proposed scope of work at the Zoo, an increase in noise, odor and light is expected during daylight weekday hours for the duration of the construction project. The

extent of the increases will be contained to the Park boundary. For Phase 2 work, the proposed service road improvements (shifting to the east, construction of a new walking path and a wooden fence) will result in the removal of vegetation within the Zoo boundary adjacent to the eastern property line. Although increased noise may occur during the construction phase, these are temporary in nature, and similar in duration and intensity as other commercial construction activities. Construction best practices will be strictly used for these efforts in order to minimize any impacts to neighboring properties.

For these reasons, no significant adverse environmental impacts associated with noise, odor, or light are anticipated.

16. Impact on Human Health

The Zoo has no past history of environmental concern that would result in a negative impact to human health and no hazardous operations presently or are proposed to occur there. As part of the construction work, asbestos-containing building materials (ACBM) and lead could be encountered during demolition due to the age of each of the buildings A plan for the proper removal and disposal will be prepared in accordance with applicable rules, regulations, and laws should they be encountered.

Two environmental sites have been identified within 2,000 feet of the Zoo, both associated with Kodak on the west side of the Genesee River. Both of these are still currently in use with one subject to site management (#828071) and the other having environmental easements (#828177). Both have various remedial action programs in place. No significant adverse environmental impacts on human health are anticipated.

17. Consistency with Community Plans

Monroe County is responsible for the operation, maintenance, and planning of the facility. Monroe County's most current Zoo Master Plan (2015) outlines the various infrastructure and program improvements that are needed to provide a first-class facility for the community, an educational experience to visitors, and deliver exceptional and appropriate care and habitat for exhibited animals. This document provided a framework for this proposed development of the Zoo Therefore, no significant adverse environmental impacts to community plan consistency are anticipated.

18. Consistency with Community Character

Seneca Park Zoo is an important asset to the community from an educational, recreation, economic, and social perspective. The proposed work, while resulting in a visual change in portions of the Zoo, will be a positive overall contribution in that it will rectify and modernize outdated buildings and facilities that no longer serve zoo animals well and ensure accreditation by the Association of Zoos & Aquariums (AZA). The proposed modifications will provide the community with a welcoming, friendly environment for resident animals and visitors , while providing space for additional animals. Building and site design will take into account the historical and cultural significance of both the Zoo

and Seneca Park. Appropriate architectural elements and materials along with interpretive features will be utilized. The impact to the community will be a positive one in that improvements will continue the Zoo's ability to serve as a valuable resource to the region.

Office of **the County Executive**

Monroe County, New York

Adam J. Bello
County Executive

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Legislature Of
Monroe County
Committee Assignment
ENV. & PUB. WORKS-L

May 6, 2022

To The Honorable
Monroe County Legislature
407 County Office Building
Rochester, New York 14614

Subject: Determination of Significance Pursuant to the State Environmental Quality Review Act for Tropical Exhibit and Main Entry Plaza Project

Honorable Legislators:

I recommend that Your Honorable Body determine whether the Tropical Exhibit and Main Entry Plaza project may have a significant adverse impact on the environment pursuant to the State Environmental Quality Review Act ("SEQRA").

The Tropical Exhibit and Main Entry Plaza project (the "Project"), located at the south end of Seneca Park Zoo (the "Zoo"), will feature a state-of-the-art tropics complex housing animals from the ecosystems of Borneo and Madagascar, including naturalistic orangutan habitat enabling climbing and more "tree-top-like" movement, ring-tailed lemurs, and an aquarium. The Project also includes a new front entry plaza with a Conservation Resource Center, larger event capacity, admissions, and a new gift shop area.

Monroe County conducted a SEQRA review and issued a Negative Declaration for the Seneca Park Zoo Improvements/Expansion in July 2016, which contemplated new construction at the south end of the Zoo to replace the main Zoo building in 2018. However, key details regarding the scope and scale of the new construction were not defined at that time. Pursuant to 6 NYCRR § 617.7(e), a lead agency, at its discretion, may amend a negative declaration when substantive changes are proposed for a project at any time prior to its decision to undertake, fund, or approve an action. Accordingly, we request Your Honorable Body to consider the proposed Project, and amend the 2016 Negative Declaration for the Tropical Exhibit and Main Entry Plaza project.

The specific legislative actions required are:

1. Amend the 2016 Negative Declaration to include the Tropical Exhibit and Main Entry Plaza project pursuant to 6 NYCRR § 617.7(e).

2. Authorize the County Executive, or his designee, to take such actions to comply with the requirements of the State Environmental Quality Review Act, including without limitation, the execution of documents and the filing, distribution, and publication of the documents required under the State Environmental Quality Review Act, and any other actions to implement the intent of this resolution.

This determination will have no impact on the revenues or expenditures of the current Monroe County budget.

I recommend that this matter be referred to the appropriate committee(s) for favorable action by Your Honorable Body.

Sincerely,

Adam J. Bello
Monroe County Executive

AJB:db

Full Environmental Assessment Form
Part 1 - Project and Setting

Instructions for Completing Part 1

Part 1 is to be completed by the applicant or project sponsor. Responses become part of the application for approval or funding, are subject to public review, and may be subject to further verification.

Complete Part 1 based on information currently available. If additional research or investigation would be needed to fully respond to any item, please answer as thoroughly as possible based on current information; indicate whether missing information does not exist, or is not reasonably available to the sponsor; and, when possible, generally describe work or studies which would be necessary to update or fully develop that information.

Applicants/sponsors must complete all items in Sections A & B. In Sections C, D & E, most items contain an initial question that must be answered either "Yes" or "No". If the answer to the initial question is "Yes", complete the sub-questions that follow. If the answer to the initial question is "No", proceed to the next question. Section F allows the project sponsor to identify and attach any additional information. Section G requires the name and signature of the project sponsor to verify that the information contained in Part 1 is accurate and complete.

A. Project and Sponsor Information.

Name of Action or Project: Seneca Park Zoo - Tropical Exhibit and Main Entry Plaza Project		
Project Location (describe, and attach a general location map): 2222 St. Paul Blvd. Rochester: Monroe County		
Brief Description of Proposed Action (include purpose or need): Monroe County previously undertook a Capital Improvement Program (CIP) Master Plan for the Seneca Park Zoo. The Master Plan identified the overall elements of the CIP including identification of the phases of the project. Phase 1 of the CIP involved construction / expansion of the Zoo on the northern end, and demolition of the main building, along with trail alterations along the northern end of the Zoo. The SEQRA process for the CIP Master Plan, which included preliminary concepts for Phase 2, and for the Phase 1 of the CIP, were completed in 2015 and 2016, respectively. Phase 1 construction was completed in 2019. The Proposed Action contemplated for the Phase 2 CIP included reconstruction within the Zoo, with additional detail developed for the remaining elements of the Master Plan. Phase 2 includes: completion of the new service road / trail reconstruction along the entire east side of the Zoo boundary; retaining wall on the west Zoo boundary, new 19,600± SF (footprint area) two-story Main Building housing the Education Center, event space, Zoo Gift Shop, and Administration Offices; new two-story "Tropics" exhibit complex adjacent to the new Main Building (51,600± SF footprint); reconstruction of utility infrastructure for the new buildings, including moving electrical service underground and geothermal wellfield; reconstruction of the main parking lot; temporary construction access road along the former railroad grade.		
Name of Applicant/Sponsor: Monroe County	Telephone: 585-753-1000 E-Mail: countyexecutive@monroecounty.gov	
Address: 39 West Main Street		
City/PO: Rochester	State: NY	Zip Code: 14614
Project Contact (if not same as sponsor; give name and title/role): Patrick Meredith	Telephone: 585-753-7293 E-Mail: patrickmeredith@monroecounty.gov	
Address: 39 West Main Street		
City/PO: Rochester	State: New York	Zip Code: 14614
Property Owner (if not same as sponsor): Monroe County	Telephone: E-Mail:	
Address:		
City/PO: Rochester	State: New York	Zip Code: 14614

B. Government Approvals

B. Government Approvals Funding, or Sponsorship. ("Funding" includes grants, loans, tax relief, and any other forms of financial assistance.)

Government Entity	If Yes: Identify Agency and Approval(s) Required	Application Date (Actual or projected)
a. City Council, Town Board, or Village Board of Trustees ☐Yes☑No		
b. City, Town or Village Planning Board or Commission ☐Yes☑No		
c. City Council, Town or Village Zoning Board of Appeals ☐Yes☑No		
d. Other local agencies ☐Yes☑No	City Water Bureau - Water system upgrades	
e. County agencies ☑Yes☐No	County Executive / County Legislature - Funding Approval; MCWA - Water Main Installation	TBD
f. Regional agencies ☐Yes☑No		
g. State agencies ☑Yes☐No	NYSPRHP - Coordination & potential funding, NYSERDA - potential funding	TBD
h. Federal agencies ☐Yes☑No		

i. Coastal Resources.
i. Is the project site within a Coastal Area, or the waterfront area of a Designated Inland Waterway? ☑Yes☐No
If Yes,
ii. Is the project site located in a community with an approved Local Waterfront Revitalization Program? ☑Yes☐No
iii. Is the project site within a Coastal Erosion Hazard Area? ☐Yes☑No

C. Planning and Zoning

C.1. Planning and zoning actions.

Will administrative or legislative adoption, or amendment of a plan, local law, ordinance, rule or regulation be the only approval(s) which must be granted to enable the proposed action to proceed? ☐Yes☑No

- **If Yes,** complete sections C, F and G.
- **If No,** proceed to question C.2 and complete all remaining sections and questions in Part 1

C.2. Adopted land use plans.

a. Do any municipally- adopted (city, town, village or county) comprehensive land use plan(s) include the site where the proposed action would be located? ☑Yes☐No
If Yes, does the comprehensive plan include specific recommendations for the site where the proposed action would be located? ☐Yes☑No

b. Is the site of the proposed action within any local or regional special planning district (for example: Greenway Brownfield Opportunity Area (BOA); designated State or Federal heritage area; watershed management plan; or other?) ☑Yes☐No
If Yes, identify the plan(s):
NYS Heritage Area: West Erie Canal Corridor

c. Is the proposed action located wholly or partially within an area listed in an adopted municipal open space plan, or an adopted municipal farmland protection plan? ☐Yes☑No
If Yes, identify the plan(s):

C.3. Zoning

a. Is the site of the proposed action located in a municipality with an adopted zoning law or ordinance. ☑ Yes ☐ No
If Yes, what is the zoning classification(s) including any applicable overlay district?
O-S Open Space District

b. Is the use permitted or allowed by a special or conditional use permit? ☐ Yes ☑ No

c. Is a zoning change requested as part of the proposed action? ☐ Yes ☑ No
If Yes,
i. What is the proposed new zoning for the site?

C.4. Existing community services.

a. In what school district is the project site located? City of Rochester School District

b. What police or other public protection forces serve the project site?
City of Rochester Police / Monroe County Sheriff

c. Which fire protection and emergency medical services serve the project site?
City of Rochester Fire

d. What parks serve the project site?
Seneca Park

D. Project Details

D.1. Proposed and Potential Development

a. What is the general nature of the proposed action (e.g., residential, industrial, commercial, recreational; if mixed, include all components)? Recreational/institutional

b. a. Total acreage of the site of the proposed action? 11 acres
b. Total acreage to be physically disturbed? 11 acres
c. Total acreage (project site and any contiguous properties) owned or controlled by the applicant or project sponsor? 297 acres

c. Is the proposed action an expansion of an existing project or use? ☐ Yes ☑ No
i. If Yes, what is the approximate percentage of the proposed expansion and identify the units (e.g., acres, miles, housing units, square feet)? % Units:

d. Is the proposed action a subdivision, or does it include a subdivision? ☐ Yes ☑ No
If Yes,
i. Purpose or type of subdivision? (e.g., residential, industrial, commercial; if mixed, specify types)
ii. Is a cluster/conservation layout proposed? ☐ Yes ☐ No
iii. Number of lots proposed?
iv. Minimum and maximum proposed lot sizes? Minimum Maximum

e. Will proposed action be constructed in multiple phases? ☑ Yes ☐ No
i. If No, anticipated period of construction: 40 months
ii. If Yes:
- Total number of phases anticipated 2
- Anticipated commencement date of phase 1 (including demolition) 09 month 2022 year
- Anticipated completion date of final phase 01 month 2026 year
- Generally describe connections or relationships among phases, including any contingencies where progress of one phase may determine timing or duration of future phases:

Proposed work is phased to allow for minimal disruptions of existing portions of the zoo which will remain open and operational to the public as well as minimal disruptions. Subsequent phases will rely on completion of earlier phase to begin initiation (bidding, construction/demolition).

f. Does the project include new residential uses? ☐Yes ☑No
If Yes, show numbers of units proposed.

	One Family	Two Family	Three Family	Multiple Family (four or more)
Initial Phase				
At completion of all phases				

g. Does the proposed action include new non-residential construction (including expansions)? ☑Yes ☐No
If Yes,
i. Total number of structures 3
ii. Dimensions (in feet) of largest proposed structure: 54 ft height; 415 ft width; and 120 length
iii. Approximate extent of building space to be heated or cooled: 130,000 +/- square feet

h. Does the proposed action include construction or other activities that will result in the impoundment of any liquids, such as creation of a water supply, reservoir, pond, lake, waste lagoon or other storage? ☐Yes ☑No
If Yes,
i. Purpose of the impoundment:
ii. If a water impoundment, the principal source of the water: ☐ Ground water ☐ Surface water streams ☐ Other specify:
iii. If other than water, identify the type of impounded/contained liquids and their source.
iv. Approximate size of the proposed impoundment. Volume: million gallons; surface area: acres
v. Dimensions of the proposed dam or impounding structure: height; length
vi. Construction method/materials for the proposed dam or impounding structure (e.g., earth fill, rock, wood, concrete):

D.2. Project Operations

a. Does the proposed action include any excavation, mining, or dredging, during construction, operations, or both? ☐Yes ☑No
(Not including general site preparation, grading or installation of utilities or foundations where all excavated materials will remain onsite)
If Yes:
i. What is the purpose of the excavation or dredging?
ii. How much material (including rock, earth, sediments, etc.) is proposed to be removed from the site?
- Volume (specify tons or cubic yards):
- Over what duration of time?

iii. Describe nature and characteristics of materials to be excavated or dredged, and plans to use, manage or dispose of them.
iv. Will there be onsite dewatering or processing of excavated materials? ☐Yes ☐No
If yes, describe.
v. What is the total area to be dredged or excavated? acres
vi. What is the maximum area to be worked at any one time? acres
vii. What would be the maximum depth of excavation or dredging? feet
viii. Will the excavation require blasting? ☐Yes ☐No
ix. Summarize site reclamation goals and plan:

b. Would the proposed action cause or result in alteration of, increase or decrease in size of, or encroachment into any existing wetland, waterbody, shoreline, beach or adjacent area? ☐Yes ☑No
If Yes:
i. Identify the wetland or waterbody which would be affected (by name, water index number, wetland map number or geographic description):

ii. Describe how the proposed action would affect that waterbody or wetland, e.g. excavation, fill, placement of structures, or alteration of channels, banks and shorelines. Indicate extent of activities, alterations and additions in square feet or acres:

iii. Will proposed action cause or result in disturbance to bottom sediments? ☐Yes ☑No
If Yes, describe:

iv. Will proposed action cause or result in the destruction or removal of aquatic vegetation? ☐Yes ☑No
If Yes:

- acres of aquatic vegetation proposed to be removed:
- expected acreage of aquatic vegetation remaining after project completion:
- purpose of proposed removal (e.g. beach clearing, invasive species control, boat access):
- proposed method of plant removal:
- if chemical/herbicide treatment will be used, specify product(s):

v. Describe any proposed reclamation/mitigation following disturbance:

c. Will the proposed action use, or create a new demand for water? ☑Yes ☐No
If Yes:

i. Total anticipated water usage/demand per day: 192,000 peak gallons/day

ii. Will the proposed action obtain water from an existing public water supply? ☑Yes ☐No
If Yes:

- Name of district or service area: City of Rochester / Monroe County Water Authority
- Does the existing public water supply have capacity to serve the proposal? ☑Yes ☐No
- Is the project site in the existing district? ☑Yes ☐No
- Is expansion of the district needed? ☐Yes ☑No
- Do existing lines serve the project site? ☑Yes ☐No

iii. Will line extension within an existing district be necessary to supply the project? ☐Yes ☑No
If Yes:

- Describe extensions or capacity expansions proposed to serve this project:
- Source(s) of supply for the district: City of Rochester / Monroe County Water Authority

iv. Is a new water supply district or service area proposed to be formed to serve the project site? ☐ Yes ☑No
If, Yes:

- Applicant/sponsor for new district:
- Date application submitted or anticipated:
- Proposed source(s) of supply for new district:

v. If a public water supply will not be used, describe plans to provide water supply for the project:

vi. If water supply will be from wells (public or private), maximum pumping capacity: _____ gallons/minute.

d. Will the proposed action generate liquid wastes? ☑Yes ☐No
If Yes:

i. Total anticipated liquid waste generation per day: 192,000 gallons/day

ii. Nature of liquid wastes to be generated (e.g., sanitary wastewater, industrial; if combination, describe all components and approximate volumes or proportions of each):
sanitary wastewater

iii. Will the proposed action use any existing public wastewater treatment facilities? ☑Yes ☐No
If Yes:

- Name of wastewater treatment plant to be used: Frank E. Van Lare Treatment Plant
- Name of district: Rochester Pure Waters District
- Does the existing wastewater treatment plant have capacity to serve the project? ☑Yes ☐No
- Is the project site in the existing district? ☑Yes ☐No
- Is expansion of the district needed? ☐Yes ☑No

- Do existing sewer lines serve the project site? ☑Yes ☐No
- Will line extension within an existing district be necessary to serve the project? ☐Yes ☑No

  If Yes:
  - Describe extensions or capacity expansions proposed to serve this project: _____

iv. Will a new wastewater (sewage) treatment district be formed to serve the project site? ☐Yes ☑No

If Yes:
- Applicant/sponsor for new district: _____
- Date application submitted or anticipated: _____
- What is the receiving water for the wastewater discharge? _____

v. If public facilities will not be used, describe plans to provide wastewater treatment for the project, including specifying proposed receiving water (name and classification if surface discharge, or describe subsurface disposal plans):

vi. Describe any plans or designs to capture, recycle or reuse liquid waste: _____

e. Will the proposed action disturb more than one acre and create stormwater runoff, either from new point sources (i.e. ditches, pipes, swales, curbs, gutters or other concentrated flows of stormwater) or non-point source (i.e. sheet flow) during construction or post construction? ☑Yes ☐No

If Yes:

i. How much impervious surface will the project create in relation to total size of project parcel?

_____ Square feet or 3 acres (impervious surface)

_____ Square feet or 36 acres (parcel size)

ii. Describe types of new point sources. Roof drains, sidewalks, service road pavement

iii. Where will the stormwater runoff be directed (i.e. on-site stormwater management facility/structures, adjacent properties, groundwater, on-site surface water or off-site surface waters)?

Existing storm sewers, dry swales, bioretention areas. Stormwater quantity for all new impervious surface was completed in Phase 1

- If to surface waters, identify receiving water bodies or wetlands: Trout Pond, Genesee river
- Will stormwater runoff flow to adjacent properties? ☐Yes ☑No

iv. Does proposed plan minimize impervious surfaces, use pervious materials or collect and re-use stormwater? ☑Yes ☐No

f. Does the proposed action include, or will it use on-site, one or more sources of air emissions, including fuel combustion, waste incineration, or other processes or operations? ☑Yes ☐No

If Yes, identify:

i. Mobile sources during project operations (e.g., heavy equipment, fleet or delivery vehicles)

Delivery Vehicles, Heavy Equipment during construction only

ii. Stationary sources during construction (e.g., power generation, structural heating, batch plant, crushers)

Temporary power generation for construction equipment via generators or air compressors as needed.

iii. Stationary sources during operations (e.g., process emissions, large boilers, electric generation)

Emergency power generators utilized under emergency use only

g. Will any air emission sources named in D.2.f (above), require a NY State Air Registration, Air Facility Permit, or Federal Clean Air Act Title IV or Title V Permit? ☐Yes ☑No

If Yes:

i. Is the project site located in an Air quality non-attainment area? (Area routinely or periodically fails to meet ambient air quality standards for all or some parts of the year) ☐Yes ☐No

ii. In addition to emissions as calculated in the application, the project will generate:
- _____Tons/year (short tons) of Carbon Dioxide (CO_2)
- _____Tons/year (short tons) of Nitrous Oxide (N_2O)
- _____Tons/year (short tons) of Perfluorocarbons (PFCs)
- _____Tons/year (short tons) of Sulfur Hexafluoride (SF_6)
- _____Tons/year (short tons) of Carbon Dioxide equivalent of Hydroflourocarbons (HFCs)
- _____Tons/year (short tons) of Hazardous Air Pollutants (HAPs)

h. Will the proposed action generate or emit methane (including, but not limited to, sewage treatment plants, landfills, composting facilities)? ☐Yes ☑No

If Yes:

i. Estimate methane generation in tons/year (metric): _____

ii. Describe any methane capture, control or elimination measures included in project design (e.g., combustion to generate heat or electricity, flaring): _____

i. Will the proposed action result in the release of air pollutants from open-air operations or processes, such as quarry or landfill operations? ☐Yes ☑No

If Yes: Describe operations and nature of emissions (e.g., diesel exhaust, rock particulates/dust):

j. Will the proposed action result in a substantial increase in traffic above present levels or generate substantial new demand for transportation facilities or services? ☑Yes ☐No

If Yes:

i. When is the peak traffic expected (Check all that apply): ☑ Morning ☑ Evening ☐Weekend
☑ Randomly between hours of 10am to 5pm.

ii. For commercial activities only, projected number of semi-trailer truck trips/day: 10/Day during construction only

iii. Parking spaces: Existing 450+/- Proposed 430+/- Net increase/decrease 20

iv. Does the proposed action include any shared use parking? ☐Yes ☑No

v. If the proposed action includes any modification of existing roads, creation of new roads or change in existing access, describe:
A temporary construction haul road is proposed for the old railroad bed south of the Zoo to segregate construction traffic from Zoo visitor traffic

vi. Are public/private transportation service(s) or facilities available within ½ mile of the proposed site? ☑Yes ☐No

vii Will the proposed action include access to public transportation or accommodations for use of hybrid, electric or other alternative fueled vehicles? ☑Yes ☐No

viii. Will the proposed action include plans for pedestrian or bicycle accommodations for connections to existing pedestrian or bicycle routes? ☑Yes ☐No

k. Will the proposed action (for commercial or industrial projects only) generate new or additional demand for energy? ☑Yes ☐No

If Yes:

i. Estimate annual electricity demand during operation of the proposed action:
TBD

ii. Anticipated sources/suppliers of electricity for the project (e.g., on-site combustion, on-site renewable, via grid/local utility, or other):
Grid/local utility

iii. Will the proposed action require a new, or an upgrade to, an existing substation? ☐Yes ☑No

l. Hours of operation. Answer all items which apply.

i. During Construction:
- Monday - Friday: Daylight hours only
- Saturday: _____
- Sunday: _____
- Holidays: _____

ii. During Operations:
- Monday - Friday: 10am-4pm
- Saturday: 10am-4pm
- Sunday: 10am-4pm
- Holidays: closed

m. Will the proposed action produce noise that will exceed existing ambient noise levels during construction, operation, or both? ☑ Yes ☐ No

If yes:

i. Provide details including sources, time of day and duration:

There will be short-term construction related noise, limited to daytime hours, which will pose minimal impact to adjacent properties only.

ii. Will proposed action remove existing natural barriers that could act as a noise barrier or screen? ☐ Yes ☑ No

Describe: Selective trees will be removed along east and west Zoo boundary lines

n.. Will the proposed action have outdoor lighting? ☑ Yes ☐ No

If yes:

i. Describe source(s), location(s), height of fixture(s), direction/aim, and proximity to nearest occupied structures:

Site and building mounted lighting for safety and security. Lighting to be shielded and directed towards the interior of the Zoo.

ii. Will proposed action remove existing natural barriers that could act as a light barrier or screen? ☑ Yes ☐ No

Describe: Selective trees will be removed along east and west Zoo boundary lines

o. Does the proposed action have the potential to produce odors for more than one hour per day? ☑ Yes ☐ No

If Yes, describe possible sources, potential frequency and duration of odor emissions, and proximity to nearest occupied structures:

During construction, typical odors associated with construction vehicles and operations may be present. Best management practices will be followed.

p. Will the proposed action include any bulk storage of petroleum (combined capacity of over 1,100 gallons) or chemical products 185 gallons in above ground storage or any amount in underground storage? ☐ Yes ☑ No

If Yes:

i. Product(s) to be stored Diesel fuel

ii. Volume(s) 10,000 Gal. per unit time Year (e.g., month, year)

iii. Generally describe proposed storage facilities:

Emergency generator tanks only. Fuel used only during an emergency and for routine testing

q. Will the proposed action (commercial, industrial and recreational projects only) use pesticides (i.e., herbicides, insecticides) during construction or operation? ☐ Yes ☑ No

If Yes:

i. Describe proposed treatment(s):

ii. Will the proposed action use Integrated Pest Management Practices? ☐ Yes ☐ No

r. Will the proposed action (commercial or industrial projects only) involve or require the management or disposal of solid waste (excluding hazardous materials)? ☑ Yes ☐ No

If Yes:

i. Describe any solid waste(s) to be generated during construction or operation of the facility:

- Construction: TBD tons per month (unit of time)
- Operation : No signficant change tons per month (unit of time)

ii. Describe any proposals for on-site minimization, recycling or reuse of materials to avoid disposal as solid waste:

- Construction:
- Operation: Zoo utilizes recycling, composting and other waste minimizing efforts.

iii. Proposed disposal methods/facilities for solid waste generated on-site:

- Construction: Existing landfill / recycling facility
- Operation: Existing landfill / recycling facility

s. Does the proposed action include construction or modification of a solid waste management facility? ☐ Yes ☑ No

If Yes:

i. Type of management or handling of waste proposed for the site (e.g., recycling or transfer station, composting, landfill, or other disposal activities): _____

ii. Anticipated rate of disposal/processing:

- _____ Tons/month, if transfer or other non-combustion/thermal treatment, or
- _____ Tons/hour, if combustion or thermal treatment

iii. If landfill, anticipated site life: _____ years

t. Will proposed action at the site involve the commercial generation, treatment, storage, or disposal of hazardous waste? ☐ Yes ☑ No

If Yes:

i. Name(s) of all hazardous wastes or constituents to be generated, handled or managed at facility: _____

ii. Generally describe processes or activities involving hazardous wastes or constituents: _____

iii. Specify amount to be handled or generated _____ tons/month

iv. Describe any proposals for on-site minimization, recycling or reuse of hazardous constituents: _____

v. Will any hazardous wastes be disposed at an existing offsite hazardous waste facility? ☐ Yes ☐ No

If Yes: provide name and location of facility: _____

If No: describe proposed management of any hazardous wastes which will not be sent to a hazardous waste facility:

E. Site and Setting of Proposed Action

E.1. Land uses on and surrounding the project site

a. Existing land uses.

i. Check all uses that occur on, adjoining and near the project site.

☐ Urban ☐ Industrial ☐ Commercial ☑ Residential (suburban) ☐ Rural (non-farm)
☐ Forest ☐ Agriculture ☐ Aquatic ☑ Other (specify): Existing zoo, parkland

ii. If mix of uses, generally describe:

b. Land uses and covertypes on the project site.

Land use or Covertype	Current Acreage	Acreage After Project Completion	Change (Acres +/-)
• Roads, buildings, and other paved or impervious surfaces Animal exhibit space	11	11	0
• Forested	0	0	0
• Meadows, grasslands or brushlands (non-agricultural, including abandoned agricultural)	0	0	0
• Agricultural (includes active orchards, field, greenhouse etc.)	0	0	0
• Surface water features (lakes, ponds, streams, rivers, etc.)	0	0	0
• Wetlands (freshwater or tidal)	0	0	0
• Non-vegetated (bare rock, earth or fill)	0	0	0
• Other Describe: _____			

c. Is the project site presently used by members of the community for public recreation? ☑Yes ☐No

i. If Yes: explain: Public parkland

d. Are there any facilities serving children, the elderly, people with disabilities (e.g., schools, hospitals, licensed day care centers, or group homes) within 1500 feet of the project site? ☐Yes ☑No

If Yes,

i. Identify Facilities:

Berkshire Group Home, 2524 St. Paul Blvd. Rochester; Marianne Daycare, 49 Legran, Irondequoit

e. Does the project site contain an existing dam? ☐Yes ☑No

If Yes:

i. Dimensions of the dam and impoundment:

- Dam height: _____ feet
- Dam length: _____ feet
- Surface area: _____ acres
- Volume impounded: _____ gallons OR acre-feet

ii. Dam's existing hazard classification: _____

iii. Provide date and summarize results of last inspection:

f. Has the project site ever been used as a municipal, commercial or industrial solid waste management facility, or does the project site adjoin property which is now, or was at one time, used as a solid waste management facility? ☐Yes ☑No

If Yes:

i. Has the facility been formally closed? ☐Yes ☐No

- If yes, cite sources/documentation: _____

ii. Describe the location of the project site relative to the boundaries of the solid waste management facility:

iii. Describe any development constraints due to the prior solid waste activities: _____

g. Have hazardous wastes been generated, treated and/or disposed of at the site, or does the project site adjoin property which is now or was at one time used to commercially treat, store and/or dispose of hazardous waste? ☐Yes ☑No

If Yes:

i. Describe waste(s) handled and waste management activities, including approximate time when activities occurred:

h. Potential contamination history. Has there been a reported spill at the proposed project site, or have any remedial actions been conducted at or adjacent to the proposed site? ☐Yes ☑No

If Yes:

i. Is any portion of the site listed on the NYSDEC Spills Incidents database or Environmental Site Remediation database? Check all that apply: ☐Yes ☐No

☐ Yes – Spills Incidents database — Provide DEC ID number(s): _____

☐ Yes – Environmental Site Remediation database — Provide DEC ID number(s): _____

☐ Neither database

ii. If site has been subject of RCRA corrective activities, describe control measures: _____

iii. Is the project within 2000 feet of any site in the NYSDEC Environmental Site Remediation database? ☑Yes ☐No

If yes, provide DEC ID number(s): 828071, 828177

iv. If yes to (i), (ii) or (iii) above, describe current status of site(s):

828071 - Kodak Superfund, presently still used subject to environmental notice. Site mgmt phase. 828177 - Kodak RCRA, presently still used subject to environmental easements. Various remedial program implementation.

v. Is the project site subject to an institutional control limiting property uses? ☐ Yes ☑ No

- If yes, DEC site ID number: _____
- Describe the type of institutional control (e.g., deed restriction or easement): _____
- Describe any use limitations: _____
- Describe any engineering controls: _____
- Will the project affect the institutional or engineering controls in place? ☐ Yes ☐ No
- Explain: _____

E.2. Natural Resources On or Near Project Site

a. What is the average depth to bedrock on the project site? 15 - 20 feet

b. Are there bedrock outcroppings on the project site? ☐ Yes ☑ No
If Yes, what proportion of the site is comprised of bedrock outcroppings? _____ %

c. Predominant soil type(s) present on project site:

Silty Sand (SM)	80 %
Poorly Graded Silty Sand (SP-SM)	20 %
	%

d. What is the average depth to the water table on the project site? Average: ±10 feet

e. Drainage status of project site soils:

☑ Well Drained:	80 % of site
☑ Moderately Well Drained:	20 % of site
☐ Poorly Drained	% of site

f. Approximate proportion of proposed action site with slopes:

☑ 0-10%:	60 % of site
☑ 10-15%:	30 % of site
☑ 15% or greater:	10 % of site

g. Are there any unique geologic features on the project site? ☐ Yes ☑ No
If Yes, describe: _____

h. Surface water features.

i. Does any portion of the project site contain wetlands or other waterbodies (including streams, rivers, ponds or lakes)? ☑ Yes ☐ No

ii. Do any wetlands or other waterbodies adjoin the project site? ☑ Yes ☐ No

If Yes to either *i* or *ii*, continue. If No, skip to E.2.i.

iii. Are any of the wetlands or waterbodies within or adjoining the project site regulated by any federal, state or local agency? ☑ Yes ☐ No

iv. For each identified regulated wetland and waterbody on the project site, provide the following information:

- Streams: Name Genesee River Classification B
- Lakes or Ponds: Name Trout Pond / 6 Acres Classification _____
- Wetlands: Name unnamed Approximate Size 0.86 acres
- Wetland No. (if regulated by DEC) _____

v. Are any of the above water bodies listed in the most recent compilation of NYS water quality-impaired waterbodies? ☑ Yes ☐ No

If yes, name of impaired water body/bodies and basis for listing as impaired: _____
Genesee River/ Lower Main Stem (0401-0001)

i. Is the project site in a designated Floodway? ☐ Yes ☑ No

j. Is the project site in the 100 year Floodplain? ☐ Yes ☑ No

k. Is the project site in the 500 year Floodplain? ☐ Yes ☑ No

l. Is the project site located over, or immediately adjoining, a primary, principal or sole source aquifer? ☐ Yes ☑ No
If Yes:

i. Name of aquifer: _____

m. Identify the predominant wildlife species that occupy or use the project site:

Gray squirrel	Racoon	Painted turtle
Whitetail deer	various field mammals	green frog
striped skunk	various field birds	

n. Does the project site contain a designated significant natural community? ☐Yes ☑No

If Yes:

i. Describe the habitat/community (composition, function, and basis for designation): _____

ii. Source(s) of description or evaluation: _____

iii. Extent of community/habitat:

- Currently: _____ acres
- Following completion of project as proposed: _____ acres
- Gain or loss (indicate + or -): _____ acres

o. Does project site contain any species of plant or animal that is listed by the federal government or NYS as endangered or threatened, or does it contain any areas identified as habitat for an endangered or threatened species? ☑Yes ☐No

Purple Bluets, along Genesee River shoreline. Handsome sedge, sandy edges of woodlot. An ecological assessment conducted by Environmental Resources, LLC (12/9/16) with coordination with NY Natural Heritage and USFWS concluded these habitats are not within the Project Area

p. Does the project site contain any species of plant or animal that is listed by NYS as rare, or as a species of special concern? ☑Yes ☐No

q. Is the project site or adjoining area currently used for hunting, trapping, fishing or shell fishing? ☑Yes ☐No

If yes, give a brief description of how the proposed action may affect that use: _____

Fishing is allowed in the Genesee River which is adjoining the property and is allowed in Trout Lake as well.

E.3. Designated Public Resources On or Near Project Site

a. Is the project site, or any portion of it, located in a designated agricultural district certified pursuant to Agriculture and Markets Law, Article 25-AA, Section 303 and 304? ☐Yes ☑No

If Yes, provide county plus district name/number: _____

b. Are agricultural lands consisting of highly productive soils present? ☐Yes ☑No

i. If Yes: acreage(s) on project site? _____

ii. Source(s) of soil rating(s): _____

c. Does the project site contain all or part of, or is it substantially contiguous to, a registered National Natural Landmark? ☐Yes ☑No

If Yes:

i. Nature of the natural landmark: ☐ Biological Community ☐ Geological Feature

ii. Provide brief description of landmark, including values behind designation and approximate size/extent: _____

d. Is the project site located in or does it adjoin a state listed Critical Environmental Area? ☑Yes ☐No

If Yes:

i. CEA name: Open Space (O-S) Zoning District

ii. Basis for designation: Local significance

iii. Designating agency and date: City of Rochester, 03-14-86

e. Does the project site contain, or is it substantially contiguous to, a building, archaeological site, or district which is listed on, or has been nominated by the NYS Board of Historic Preservation for inclusion on, the State or National Register of Historic Places? ☑ Yes ☐ No

If Yes:

i. Nature of historic/archaeological resource: ☐ Archaeological Site ☑ Historic Building or District

ii. Name: Seneca Park East & West (03NR050552)

iii. Brief description of attributes on which listing is based:

Historical events, period characteristics

f. Is the project site, or any portion of it, located in or adjacent to an area designated as sensitive for archaeological sites on the NY State Historic Preservation Office (SHPO) archaeological site inventory? ☐ Yes ☑ No

g. Have additional archaeological or historic site(s) or resources been identified on the project site? ☐ Yes ☑ No

If Yes:

i. Describe possible resource(s): _____

ii. Basis for identification: _____

h. Is the project site within fives miles of any officially designated and publicly accessible federal, state, or local scenic or aesthetic resource? ☑ Yes ☐ No

If Yes:

i. Identify resource: Various County, State and local parks, trails, scenic byways, and related resources

ii. Nature of, or basis for, designation (e.g., established highway overlook, state or local park, state historic trail or scenic byway, etc.): State and local significance

iii. Distance between project and resource: 0-5 miles.

i. Is the project site located within a designated river corridor under the Wild, Scenic and Recreational Rivers Program 6 NYCRR 666? ☐ Yes ☑ No

If Yes:

i. Identify the name of the river and its designation: _____

ii. Is the activity consistent with development restrictions contained in 6NYCRR Part 666? ☐ Yes ☐ No

F. Additional Information

Attach any additional information which may be needed to clarify your project.

If you have identified any adverse impacts which could be associated with your proposal, please describe those impacts plus any measures which you propose to avoid or minimize them.

G. Verification

I certify that the information provided is true to the best of my knowledge.

Applicant/Sponsor Name Norm Gardner, CPL, Agent for Monroe County Date 05/18/2022

Signature  Title Project Manager

PRINT FORM

Full Environmental Assessment Form
Part 2 - Identification of Potential Project Impacts

Agency Use Only [If applicable]
Project :
Date :

Part 2 is to be completed by the lead agency. Part 2 is designed to help the lead agency inventory all potential resources that could be affected by a proposed project or action. We recognize that the lead agency's reviewer(s) will not necessarily be environmental professionals. So, the questions are designed to walk a reviewer through the assessment process by providing a series of questions that can be answered using the information found in Part 1. To further assist the lead agency in completing Part 2, the form identifies the most relevant questions in Part 1 that will provide the information needed to answer the Part 2 question. When Part 2 is completed, the lead agency will have identified the relevant environmental areas that may be impacted by the proposed activity.

If the lead agency is a state agency and the action is in any Coastal Area, complete the Coastal Assessment Form before proceeding with this assessment.

Tips for completing Part 2:

- Review all of the information provided in Part 1.
- Review any application, maps, supporting materials and the Full EAF Workbook.
- Answer each of the 18 questions in Part 2.
- If you answer "**Yes**" to a numbered question, please complete all the questions that follow in that section.
- If you answer "**No**" to a numbered question, move on to the next numbered question.
- Check appropriate column to indicate the anticipated size of the impact.
- Proposed projects that would exceed a numeric threshold contained in a question should result in the reviewing agency checking the box "Moderate to large impact may occur."
- The reviewer is not expected to be an expert in environmental analysis.
- If you are not sure or undecided about the size of an impact, it may help to review the sub-questions for the general question and consult the workbook.
- When answering a question consider all components of the proposed activity, that is, the "whole action".
- Consider the possibility for long-term and cumulative impacts as well as direct impacts.
- Answer the question in a reasonable manner considering the scale and context of the project.

1. Impact on Land
Proposed action may involve construction on, or physical alteration of, the land surface of the proposed site. (See Part 1. D.1)
☐ NO ☑ YES
If "Yes", answer questions a - j. If "No", move on to Section 2.

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may involve construction on land where depth to water table is less than 3 feet.	E2d	☑	☐
b. The proposed action may involve construction on slopes of 15% or greater.	E2f	☑	☐
c. The proposed action may involve construction on land where bedrock is exposed, or generally within 5 feet of existing ground surface.	E2a	☑	☐
d. The proposed action may involve the excavation and removal of more than 1,000 tons of natural material.	D2a	☑	☐
e. The proposed action may involve construction that continues for more than one year or in multiple phases.	D1e	☐	☑
f. The proposed action may result in increased erosion, whether from physical disturbance or vegetation removal (including from treatment by herbicides).	D2e, D2q	☑	☐
g. The proposed action is, or may be, located within a Coastal Erosion hazard area.	B1i	☑	☐
h. Other impacts: Reconstruction of the trail system and abandoned railroad bed		☑	☐

2. Impact on Geological Features

The proposed action may result in the modification or destruction of, or inhibit access to, any unique or unusual land forms on the site (e.g., cliffs, dunes, minerals, fossils, caves). (See Part 1. E.2.g) ☑ NO ☐ YES

If "Yes", answer questions a - c. If "No", move on to Section 3.

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. Identify the specific land form(s) attached: _____	E2g	☐	☐
b. The proposed action may affect or is adjacent to a geological feature listed as a registered National Natural Landmark. Specific feature: _____	E3c	☐	☐
c. Other impacts: _____		☐	☐

3. Impacts on Surface Water

The proposed action may affect one or more wetlands or other surface water bodies (e.g., streams, rivers, ponds or lakes). (See Part 1. D.2, E.2.h) ☑ NO ☐ YES

If "Yes", answer questions a - l. If "No", move on to Section 4.

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may create a new water body.	D2b, D1h	☐	☐
b. The proposed action may result in an increase or decrease of over 10% or more than a 10 acre increase or decrease in the surface area of any body of water.	D2b	☐	☐
c. The proposed action may involve dredging more than 100 cubic yards of material from a wetland or water body.	D2a	☐	☐
d. The proposed action may involve construction within or adjoining a freshwater or tidal wetland, or in the bed or banks of any other water body.	E2h	☐	☐
e. The proposed action may create turbidity in a waterbody, either from upland erosion, runoff or by disturbing bottom sediments.	D2a, D2h	☐	☐
f. The proposed action may include construction of one or more intake(s) for withdrawal of water from surface water.	D2c	☐	☐
g. The proposed action may include construction of one or more outfall(s) for discharge of wastewater to surface water(s).	D2d	☐	☐
h. The proposed action may cause soil erosion, or otherwise create a source of stormwater discharge that may lead to siltation or other degradation of receiving water bodies.	D2e	☐	☐
i. The proposed action may affect the water quality of any water bodies within or downstream of the site of the proposed action.	E2h	☐	☐
j. The proposed action may involve the application of pesticides or herbicides in or around any water body.	D2q, E2h	☐	☐
k. The proposed action may require the construction of new, or expansion of existing, wastewater treatment facilities.	D1a, D2d	☐	☐

l. Other impacts: _____		☐	☐

4. Impact on groundwater

The proposed action may result in new or additional use of ground water, or may have the potential to introduce contaminants to ground water or an aquifer. (See Part 1. D.2.a, D.2.c, D.2.d, D.2.p, D.2.q, D.2.t) ☐NO ☑YES

If "Yes", answer questions a - h. If "No", move on to Section 5.

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may require new water supply wells, or create additional demand on supplies from existing water supply wells.	D2c	☑	☐
b. Water supply demand from the proposed action may exceed safe and sustainable withdrawal capacity rate of the local supply or aquifer. Cite Source: _____	D2c	☑	☐
c. The proposed action may allow or result in residential uses in areas without water and sewer services.	D1a, D2c	☑	☐
d. The proposed action may include or require wastewater discharged to groundwater.	D2d, E2l	☑	☐
e. The proposed action may result in the construction of water supply wells in locations where groundwater is, or is suspected to be, contaminated.	D2c, E1f, E1g, E1h	☑	☐
f. The proposed action may require the bulk storage of petroleum or chemical products over ground water or an aquifer.	D2p, E2l	☑	☐
g. The proposed action may involve the commercial application of pesticides within 100 feet of potable drinking water or irrigation sources.	E2h, D2q, E2l, D2c	☑	☐
h. Other impacts: Geothermal well drilling will occur. _____		☑	☐

5. Impact on Flooding

The proposed action may result in development on lands subject to flooding. (See Part 1. E.2) ☑NO ☐YES

If "Yes", answer questions a - g. If "No", move on to Section 6.

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may result in development in a designated floodway.	E2i	☐	☐
b. The proposed action may result in development within a 100 year floodplain.	E2j	☐	☐
c. The proposed action may result in development within a 500 year floodplain.	E2k	☐	☐
d. The proposed action may result in, or require, modification of existing drainage patterns.	D2b, D2e	☐	☐
e. The proposed action may change flood water flows that contribute to flooding.	D2b, E2i, E2j, E2k	☐	☐
f. If there is a dam located on the site of the proposed action, is the dam in need of repair, or upgrade?	E1e	☐	☐

g. Other impacts: _____		☐	☐

6. Impacts on Air

The proposed action may include a state regulated air emission source. (See Part 1. D.2.f., D.2.h, D.2.g) ☐NO ☑YES

If "Yes", answer questions a - f. If "No", move on to Section 7.

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. If the proposed action requires federal or state air emission permits, the action may also emit one or more greenhouse gases at or above the following levels:			
i. More than 1000 tons/year of carbon dioxide (CO_2)	D2g	☑	☐
ii. More than 3.5 tons/year of nitrous oxide (N_2O)	D2g	☑	☐
iii. More than 1000 tons/year of carbon equivalent of perfluorocarbons (PFCs)	D2g	☑	☐
iv. More than .045 tons/year of sulfur hexafluoride (SF_6)	D2g	☑	☐
v. More than 1000 tons/year of carbon dioxide equivalent of hydrochloroflourocarbons (HFCs) emissions	D2g	☑	☐
vi. 43 tons/year or more of methane	D2h	☑	☐
b. The proposed action may generate 10 tons/year or more of any one designated hazardous air pollutant, or 25 tons/year or more of any combination of such hazardous air pollutants.	D2g	☑	☐
c. The proposed action may require a state air registration, or may produce an emissions rate of total contaminants that may exceed 5 lbs. per hour, or may include a heat source capable of producing more than 10 million BTU's per hour.	D2f, D2g	☑	☐
d. The proposed action may reach 50% of any of the thresholds in "a" through "c", above.	D2g	☑	☐
e. The proposed action may result in the combustion or thermal treatment of more than 1 ton of refuse per hour.	D2s	☑	☐
f. Other impacts: Minor increase in vehicle emissions during construction activities		☑	☐

7. Impact on Plants and Animals

The proposed action may result in a loss of flora or fauna. (See Part 1. E.2. m.-q.) ☐NO ☑YES

If "Yes", answer questions a - j. If "No", move on to Section 8.

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may cause reduction in population or loss of individuals of any threatened or endangered species, as listed by New York State or the Federal government, that use the site, or are found on, over, or near the site.	E2o	☑	☐
b. The proposed action may result in a reduction or degradation of any habitat used by any rare, threatened or endangered species, as listed by New York State or the federal government.	E2o	☑	☐
c. The proposed action may cause reduction in population, or loss of individuals, of any species of special concern or conservation need, as listed by New York State or the Federal government, that use the site, or are found on, over, or near the site.	E2p	☑	☐
d. The proposed action may result in a reduction or degradation of any habitat used by any species of special concern and conservation need, as listed by New York State or the Federal government.	E2p	☑	☐

e. The proposed action may diminish the capacity of a registered National Natural Landmark to support the biological community it was established to protect.	E3c	☑	☐
f. The proposed action may result in the removal of, or ground disturbance in, any portion of a designated significant natural community. Source: _____	E2n	☑	☐
g. The proposed action may substantially interfere with nesting/breeding, foraging, or over-wintering habitat for the predominant species that occupy or use the project site.	E2m	☑	☐
h. The proposed action requires the conversion of more than 10 acres of forest, grassland or any other regionally or locally important habitat. Habitat type & information source: _____	E1b	☑	☐
i. Proposed action (commercial, industrial or recreational projects, only) involves use of herbicides or pesticides.	D2q	☑	☐
j. Other impacts: No impact to habitats known to support regional threatened or endangered species		☑	☐

8. Impact on Agricultural Resources

The proposed action may impact agricultural resources. (See Part 1. E.3.a. and b.) ☑NO ☐YES

If "Yes", answer questions a - h. If "No", move on to Section 9.

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may impact soil classified within soil group 1 through 4 of the NYS Land Classification System.	E2c, E3b	☐	☐
b. The proposed action may sever, cross or otherwise limit access to agricultural land (includes cropland, hayfields, pasture, vineyard, orchard, etc).	E1a, E1b	☐	☐
c. The proposed action may result in the excavation or compaction of the soil profile of active agricultural land.	E3b	☐	☐
d. The proposed action may irreversibly convert agricultural land to non-agricultural uses, either more than 2.5 acres if located in an Agricultural District, or more than 10 acres if not within an Agricultural District.	E1b, E3a	☐	☐
e. The proposed action may disrupt or prevent installation of an agricultural land management system.	E1 a, E1b	☐	☐
f. The proposed action may result, directly or indirectly, in increased development potential or pressure on farmland.	C2c, C3, D2c, D2d	☐	☐
g. The proposed project is not consistent with the adopted municipal Farmland Protection Plan.	C2c	☐	☐
h. Other impacts: _____		☐	☐

9. Impact on Aesthetic Resources
The land use of the proposed action are obviously different from, or are in sharp contrast to, current land use patterns between the proposed project and a scenic or aesthetic resource. (Part 1. E.1.a, E.1.b, E.3.h.)
☐ NO ☑ YES
If "Yes", answer questions a - g. If "No", go to Section 10.

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. Proposed action may be visible from any officially designated federal, state, or local scenic or aesthetic resource.	E3h	☑	☐
b. The proposed action may result in the obstruction, elimination or significant screening of one or more officially designated scenic views.	E3h, C2b	☑	☐
c. The proposed action may be visible from publicly accessible vantage points: i. Seasonally (e.g., screened by summer foliage, but visible during other seasons) ii. Year round	E3h	☑ ☑	☐ ☐
d. The situation or activity in which viewers are engaged while viewing the proposed action is: i. Routine travel by residents, including travel to and from work ii. Recreational or tourism based activities	E3h E2q, E1c	☑ ☑	☐ ☐
e. The proposed action may cause a diminishment of the public enjoyment and appreciation of the designated aesthetic resource.	E3h	☑	☐
f. There are similar projects visible within the following distance of the proposed project: 0-1/2 mile ½ -3 mile 3-5 mile 5+ mile	D1a, E1a, D1f, D1g	☑	☐
g. Other impacts: Exisitng trees along the new service road and construction haul road.		☑	☐

10. Impact on Historic and Archeological Resources
The proposed action may occur in or adjacent to a historic or archaeological resource. (Part 1. E.3.e, f. and g.)
☐ NO ☑ YES
If "Yes", answer questions a - e. If "No", go to Section 11.

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may occur wholly or partially within, or substantially contiguous to, any buildings, archaeological site or district which is listed on the National or State Register of Historical Places, or that has been determined by the Commissioner of the NYS Office of Parks, Recreation and Historic Preservation to be eligible for listing on the State Register of Historic Places.	E3e	☑	☐
b. The proposed action may occur wholly or partially within, or substantially contiguous to, an area designated as sensitive for archaeological sites on the NY State Historic Preservation Office (SHPO) archaeological site inventory.	E3f	☑	☐
c. The proposed action may occur wholly or partially within, or substantially contiguous to, an archaeological site not included on the NY SHPO inventory. Source: SHPO	E3g	☑	☐

d. Other impacts: Consultation with SHPO concluded that impacts to historical resources will be adequately mitigated.		☑	☐
e. If any of the above (a-d) are answered "Moderate to large impact may occur", continue with the following questions to help support conclusions in Part 3:			
i. The proposed action may result in the destruction or alteration of all or part of the site or property.	E3e, E3g, E3f	☐	☐
ii. The proposed action may result in the alteration of the property's setting or integrity.	E3e, E3f, E3g, E1a, E1b	☐	☐
iii. The proposed action may result in the introduction of visual elements which are out of character with the site or property, or may alter its setting.	E3e, E3f, E3g, E3h, C2, C3	☐	☐

11. Impact on Open Space and Recreation

The proposed action may result in a loss of recreational opportunities or a reduction of an open space resource as designated in any adopted municipal open space plan.
(See Part 1. C.2.c, E.1.c., E.2.q.)
If "Yes", answer questions a - e. If "No", go to Section 12.

☐ NO ☑ YES

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may result in an impairment of natural functions, or "ecosystem services", provided by an undeveloped area, including but not limited to stormwater storage, nutrient cycling, wildlife habitat.	D2e, E1b E2h, E2m, E2o, E2n, E2p	☑	☐
b. The proposed action may result in the loss of a current or future recreational resource.	C2a, E1c, C2c, E2q	☑	☐
c. The proposed action may eliminate open space or recreational resource in an area with few such resources.	C2a, C2c E1c, E2q	☑	☐
d. The proposed action may result in loss of an area now used informally by the community as an open space resource.	C2c, E1c	☑	☐
e. Other impacts: Construction of the new Zoo buildings and trail system will enhance the open space and recreational resources within the Zoo.		☑	☐

12. Impact on Critical Environmental Areas

The proposed action may be located within or adjacent to a critical environmental area (CEA). (See Part 1. E.3.d)
If "Yes", answer questions a - c. If "No", go to Section 13.

☐ NO ☑ YES

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may result in a reduction in the quantity of the resource or characteristic which was the basis for designation of the CEA.	E3d	☑	☐
b. The proposed action may result in a reduction in the quality of the resource or characteristic which was the basis for designation of the CEA.	E3d	☑	☐
c. Other impacts:		☑	☐

13. Impact on Transportation
The proposed action may result in a change to existing transportation systems. ☐ NO ☑ YES
(See Part 1. D.2.j)
If "Yes", answer questions a - f. If "No", go to Section 14.

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. Projected traffic increase may exceed capacity of existing road network.	D2j	☑	☐
b. The proposed action may result in the construction of paved parking area for 500 or more vehicles.	D2j	☑	☐
c. The proposed action will degrade existing transit access.	D2j	☑	☐
d. The proposed action will degrade existing pedestrian or bicycle accommodations.	D2j	☑	☐
e. The proposed action may alter the present pattern of movement of people or goods.	D2j	☑	☐
f. Other impacts: Increases in construction vehicle traffic will occur		☑	☐

14. Impact on Energy
The proposed action may cause an increase in the use of any form of energy. ☐ NO ☑ YES
(See Part 1. D.2.k)
If "Yes", answer questions a - e. If "No", go to Section 15.

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action will require a new, or an upgrade to an existing, substation.	D2k	☑	☐
b. The proposed action will require the creation or extension of an energy transmission or supply system to serve more than 50 single or two-family residences or to serve a commercial or industrial use.	D1f, D1q, D2k	☑	☐
c. The proposed action may utilize more than 2,500 MWhrs per year of electricity.	D2k	☑	☐
d. The proposed action may involve heating and/or cooling of more than 100,000 square feet of building area when completed.	D1g	☑	☐
e. Other Impacts: Geothermal systems are proposed to reduce reliance on natural gas.		☑	☐

15. Impact on Noise, Odor, and Light
The proposed action may result in an increase in noise, odors, or outdoor lighting. ☐ NO ☑ YES
(See Part 1. D.2.m., n., and o.)
If "Yes", answer questions a - f. If "No", go to Section 16.

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may produce sound above noise levels established by local regulation.	D2m	☑	☐
b. The proposed action may result in blasting within 1,500 feet of any residence, hospital, school, licensed day care center, or nursing home.	D2m, E1d	☑	☐
c. The proposed action may result in routine odors for more than one hour per day.	D2o	☑	☐

d. The proposed action may result in light shining onto adjoining properties.	D2n	☑	☐
e. The proposed action may result in lighting creating sky-glow brighter than existing area conditions.	D2n, E1a	☑	☐
f. Other impacts: There will be construction-related temporary noise and potential dust from construction activities		☑	☐

16. Impact on Human Health

The proposed action may have an impact on human health from exposure to new or existing sources of contaminants. (See Part 1.D.2.q., E.1. d. f. g. and h.) ☐ NO ☑ YES

If "Yes", answer questions a - m. If "No", go to Section 17.

	Relevant Part I Question(s)	No,or small impact may occur	Moderate to large impact may occur
a. The proposed action is located within 1500 feet of a school, hospital, licensed day care center, group home, nursing home or retirement community.	E1d	☑	☐
b. The site of the proposed action is currently undergoing remediation.	E1g, E1h	☑	☐
c. There is a completed emergency spill remediation, or a completed environmental site remediation on, or adjacent to, the site of the proposed action.	E1g, E1h	☑	☐
d. The site of the action is subject to an institutional control limiting the use of the property (e.g., easement or deed restriction).	E1g, E1h	☑	☐
e. The proposed action may affect institutional control measures that were put in place to ensure that the site remains protective of the environment and human health.	E1g, E1h	☑	☐
f. The proposed action has adequate control measures in place to ensure that future generation, treatment and/or disposal of hazardous wastes will be protective of the environment and human health.	D2t	☑	☐
g. The proposed action involves construction or modification of a solid waste management facility.	D2q, E1f	☑	☐
h. The proposed action may result in the unearthing of solid or hazardous waste.	D2q, E1f	☑	☐
i. The proposed action may result in an increase in the rate of disposal, or processing, of solid waste.	D2r, D2s	☑	☐
j. The proposed action may result in excavation or other disturbance within 2000 feet of a site used for the disposal of solid or hazardous waste.	E1f, E1g E1h	☑	☐
k. The proposed action may result in the migration of explosive gases from a landfill site to adjacent off site structures.	E1f, E1g	☑	☐
l. The proposed action may result in the release of contaminated leachate from the project site.	D2s, E1f, D2r	☑	☐
m. Other impacts:		☐	☐

17. Consistency with Community Plans

The proposed action is not consistent with adopted land use plans. (See Part 1. C.1, C.2. and C.3.) ☑ NO ☐ YES

If "Yes", answer questions a - h. If "No", go to Section 18.

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action's land use components may be different from, or in sharp contrast to, current surrounding land use pattern(s).	C2, C3, D1a E1a, E1b	☐	☐
b. The proposed action will cause the permanent population of the city, town or village in which the project is located to grow by more than 5%.	C2	☐	☐
c. The proposed action is inconsistent with local land use plans or zoning regulations.	C2, C2, C3	☐	☐
d. The proposed action is inconsistent with any County plans, or other regional land use plans.	C2, C2	☐	☐
e. The proposed action may cause a change in the density of development that is not supported by existing infrastructure or is distant from existing infrastructure.	C3, D1c, D1d, D1f, D1d, E1b	☐	☐
f. The proposed action is located in an area characterized by low density development that will require new or expanded public infrastructure.	C4, D2c, D2d D2j	☐	☐
g. The proposed action may induce secondary development impacts (e.g., residential or commercial development not included in the proposed action)	C2a	☐	☐
h. Other: _____ _____		☐	☐

18. Consistency with Community Character

The proposed project is inconsistent with the existing community character. (See Part 1. C.2, C.3, D.2, E.3) ☑ NO ☐ YES

If "Yes", answer questions a - g. If "No", proceed to Part 3.

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may replace or eliminate existing facilities, structures, or areas of historic importance to the community.	E3e, E3f, E3g	☐	☐
b. The proposed action may create a demand for additional community services (e.g. schools, police and fire)	C4	☐	☐
c. The proposed action may displace affordable or low-income housing in an area where there is a shortage of such housing.	C2, C3, D1f D1g, E1a	☐	☐
d. The proposed action may interfere with the use or enjoyment of officially recognized or designated public resources.	C2, E3	☐	☐
e. The proposed action is inconsistent with the predominant architectural scale and character.	C2, C3	☐	☐
f. Proposed action is inconsistent with the character of the existing natural landscape.	C2, C3 E1a, E1b E2g, E2h	☐	☐
g. Other impacts: _____ _____		☐	☐

PRINT FULL FORM

Agency Use Only [If Applicable]

Project :

Date :

Full Environmental Assessment Form
Part 3 - Evaluation of the Magnitude and Importance of Project Impacts
and
Determination of Significance

Part 3 provides the reasons in support of the determination of significance. The lead agency must complete Part 3 for every question in Part 2 where the impact has been identified as potentially moderate to large or where there is a need to explain why a particular element of the proposed action will not, or may, result in a significant adverse environmental impact.

Based on the analysis in Part 3, the lead agency must decide whether to require an environmental impact statement to further assess the proposed action or whether available information is sufficient for the lead agency to conclude that the proposed action will not have a significant adverse environmental impact. By completing the certification on the next page, the lead agency can complete its determination of significance.

Reasons Supporting This Determination:

To complete this section:

- Identify the impact based on the Part 2 responses and describe its magnitude. Magnitude considers factors such as severity, size or extent of an impact.
- Assess the importance of the impact. Importance relates to the geographic scope, duration, probability of the impact occurring, number of people affected by the impact and any additional environmental consequences if the impact were to occur.
- The assessment should take into consideration any design element or project changes.
- Repeat this process for each Part 2 question where the impact has been identified as potentially moderate to large or where there is a need to explain why a particular element of the proposed action will not, or may, result in a significant adverse environmental impact.
- Provide the reason(s) why the impact may, or will not, result in a significant adverse environmental impact
- For Conditional Negative Declarations identify the specific condition(s) imposed that will modify the proposed action so that no significant adverse environmental impacts will result.
- Attach additional sheets, as needed.

See Attached Document

Determination of Significance - Type 1 and Unlisted Actions

SEQR Status: ☑ Type 1 ☐ Unlisted

Identify portions of EAF completed for this Project: ☑ Part 1 ☑ Part 2 ☑ Part 3

Upon review of the information recorded on this EAF, as noted, plus this additional support information

and considering both the magnitude and importance of each identified potential impact, it is the conclusion of the _____ as lead agency that:

☑ A. This project will result in no significant adverse impacts on the environment, and, therefore, an environmental impact statement need not be prepared. Accordingly, this negative declaration is issued.

☐ B. Although this project could have a significant adverse impact on the environment, that impact will be avoided or substantially mitigated because of the following conditions which will be required by the lead agency:

There will, therefore, be no significant adverse impacts from the project as conditioned, and, therefore, this conditioned negative declaration is issued. A conditioned negative declaration may be used only for UNLISTED actions (see 6 NYCRR 617.7(d)).

☐ C. This Project may result in one or more significant adverse impacts on the environment, and an environmental impact statement must be prepared to further assess the impact(s) and possible mitigation and to explore alternatives to avoid or reduce those impacts. Accordingly, this positive declaration is issued.

Name of Action: Seneca Park Zoo - Tropical Exhibit and Main Entry Plaza Project

Name of Lead Agency: Monroe County

Name of Responsible Officer in Lead Agency: Adam Bello

Title of Responsible Officer: County Executive

Signature of Responsible Officer in Lead Agency: Date:

Signature of Preparer (if different from Responsible Officer) Date:

For Further Information:

Contact Person: Patrick Meredith, Director of Parks

Address: 39 West Main Street, rochester, NY 14614

Telephone Number: 585-753-1000

E-mail: patrick.meredith@monroecounty.gov

For Type 1 Actions and Conditioned Negative Declarations, a copy of this Notice is sent to:

Chief Executive Officer of the political subdivision in which the action will be principally located (e.g., Town / City / Village of)
Other involved agencies (if any)
Applicant (if any)
Environmental Notice Bulletin: http://www.dec.ny.gov/enb/enb.html

PRINT FULL FORM

Seneca Park Zoo Improvements

SEQRA Negative Declaration – AMENDED
Reasons to Support Determination of Significance

This Document identifies updates to the Proposed Action for the Seneca Park Zoo Capital Improvement Program along with any corresponding changes from the 2016 environmental review SEQRA process in which a Negative Declaration was issued. Changes to the Lead Agency's environmental assessment of the Proposed Action are noted below, including any potentially significant environmental impacts associated with the updates or changes as a result of the refinement and details developed for Phase 2 of the Capital Program.

1. Impact on Land

Phase 1 of the Capital Program included the demolition of the Main Zoo Building as well as other minor accessory structures. Phase 2 will involve demolition of the remaining buildings at the main entrance, including the Administration building.

Phase 2 of the work at Seneca Park Zoo entails the demolition of the remaining administrative and support buildings at the main entrance and replacement with a new entrance building that will include administrative, support, and community spaces, as well as new, state of the art exhibit space, in line with the 2015 Zoo Master Plan.

The existing eastern service road will be widened to maintain appropriate fire department access route through the Zoo but shifted east. The roadway shift will also allow for the ability to isolate Zoo patron access from Zoo operational needs. The existing public access walking path along the eastern boundary of the Park will be shifted east also and be adjacent to the Zoo perimeter fence and still within the confines of the existing abandoned railroad bed. A vegetated buffer will still remain along the eastern Park boundary, offset a minimum of 5 feet from the Park property line.

This eastern service road will also be extended north from its existing terminus to the southern terminus of the new African exhibit to provide the Zoo with service access throughout the Zoo, reducing Zoo operational traffic within Seneca Park and provide fire department access through the entire Zoo.

The paved portion of the existing walking trail south of the Zoo's Main Parking Lot will be widened to allow for temporary use as a construction haul road during construction. This haul road will significantly reduce construction traffic within the Main Zoo parking lot, a significant safety improvement. This roadway will be restored upon completion of construction activities and repaved back to its original width.

Phase 2 will also involve the installation of a geothermal wellfield within the northern portion of the main parking lot. Approximately thirty vertical wells will be drilled within the parking lot area. Upon completion the well will be paved over and integral to the Zoo's heating and cooling needs.

A short section of the Zoo perimeter chain link fence, approximately 300 feet, will be replaced with a retaining wall which will range between three feet and 10-½ feet in height. Trees adjacent to the wall will be removed to accommodate construction.

Although this proposed work will result in changes to the land, for the above reasons no significant adverse environmental impacts to land resources are anticipated.

2. Impact on Geological Features

No noted geological features exist on the site; therefore, no significant adverse environmental impacts are anticipated.

3. Impact on Surface Water

None of the proposed Phase 2 work will encroach into any federal or State jurisdictional wetlands or surface water. The existing Trout Pond was expanded as part of Phase 1 incorporating the stormwater quantity needs of the proposed Phase 2 work. All stormwater quality and quantity requirements will be managed in accordance with NYSDEC requirements. For all elements of Phase 2, proper erosion and stormwater prevention controls will be required in accordance with a Stormwater Pollution and Prevention Plan (SWPPP). For these reasons, no significant adverse environmental impacts to surface waters are anticipated.

4. Impact on Groundwater

There will be no significant increase in impervious surface in Phase 2 that was not accounted for in Phase 1 with the expansion of Trout Pond. Existing groundwater infiltration areas will remain along the eastern portion of the park boundary.

All geothermal wells will be drilled and grouted in conformance with standard geothermal drilling practices and operations. and done in accordance with NYSDEC requirements. Therefore, no significant adverse environmental impacts to groundwater are anticipated.

5. Impact on Flooding

There are no designated floodplains within the Zoo boundary. Therefore, no significant adverse environmental impacts as a result of any flooding are anticipated.

6. Impact on Air

The continued operation of the Zoo does not produce any significant air emissions. The only minimal emissions would be from small-scale HVAC equipment or emergency generators.

There will be short-term temporary emissions during the Phase 2 construction process. Fugitive dust and exhaust from construction equipment can be expected but limited to the

immediate site and controlled through the use of appropriate construction practices. For these reasons, no significant adverse environmental impacts to air are anticipated.

7. Impact on Plants and Animals

NYS Natural Heritage (NYS NHP) and US Fish and Wildlife Service was consulted during Phase 1 to identify the potential for threatened or endangered species. Historical State records indicated that the potential presence of two plant species (purple bluets and Handsome sedge) may exist in the vicinity the Proposed Action, though they have not been observed since 1905 and 1921, respectively. Further consultation with NYS NHP during the Phase 1 SEQRA process determined that any proposed site disturbance in the Zoo and Park will not occur within habitat supporting either species.

Phase 2 work is proposed along the existing, abandoned railroad bed, which is bordered by trees. Additionally, there are several trees within the construction footprint that will be removed during construction activities within the Zoo boundary. Any trees removed for temporary haul road construction within the Seneca park boundary will be replaced with new trees.

For these reasons, no significant adverse environmental impacts to plants and animals are anticipated.

8. Impact on Agricultural Resources

There are no designated agricultural lands within the proposed development area. Therefore, no significant adverse environmental impacts to agricultural resources are anticipated.

9. Impact on Aesthetic Resources

The project has been designed to fit aesthetically with other buildings in the Zoo as well as the adjacent Seneca Park. As noted in item #10 below, the State Historic Preservation Office (SHPO) and the Landmark Society of Western New York (LSWNY) have been consulted with during Phase 1 and their concerns addressed to ensure that buildings and landscaping contribute to the aesthetic value of the Zoo and Seneca Park. Therefore, no significant adverse environmental impacts to aesthetic resources are anticipated.

10. Impact on Historic and Archeological Resources

Seneca Park East and West is noted as being on the National Register (03NR050522) and several of the buildings within the Zoo are noted as being or contributing historic structures, including the Main Zoo and Administration Buildings. As part of the environmental review process, SHPO was consulted and provided significant information regarding proposed work and past/current planning for the Zoo (16PR02924). The agency determined that the demolition of the buildings constituted as Adverse Impact in a consolidated response dated June 14, 2016 and requested additional information as

part of its review. The County consulted with the Landmark Society of Western New York (LSWNY) to provide an analysis and recommendations on the effected buildings due to their significant past history with Seneca Park and the Zoo.

With additional information provided to SHPO, the agency accepted that there are no Prudent or Feasible Alternatives to the demolition of the aforementioned buildings in a consolidated response dated October 28, 2016. SHPO identified measures to satisfy the potential historic impacts associated with demolition, which include photographic documentation of both buildings (completed prior to Phase 1) and incorporation of an interpretive display of the history of the Zoo that includes the buildings (proposed to be incorporated within Phase 2).

The proposed retaining wall to replace the existing chain link fence on the western property line will be coordinated with SHPO and LSWNY to ensure appropriate materials are chosen to minimize visual impacts as well as the planting of additional trees where feasible. This continued consultation and coordination provides important historical and cultural oversight. For these reasons, no significant adverse environmental impacts to historic and archeological resources are anticipated.

11. Impact on Open Space and Recreation

Development within the Zoo will occur within areas that are currently fully developed. Throughout the planning history of the Zoo, all lands within its bounds were identified as being utilized for potential expansion of animal exhibits and community education. Overall, the proposed improvements at the Zoo will not result in a loss of any recreational opportunities, rather it will expand these opportunities to the public and provide users with a more enjoyable experience through enhancement of pedestrian footrails and Zoo educational experience.

The proposed temporary haul road on the southeastern portion of the existing, abandoned railbed will be temporary and utilized to separate construction truck traffic from visitor traffic, allowing the Zoo to continue to operate throughout the season. The service road extension will also allow the Zoo to continue to operate and will also provide more enhanced use of the existing public trail located along the former railroad grade.

The proposed improvements at the Zoo will have insignificant impacts to the Park, limited only to the replacement of the existing chain link fence with a stone retaining wall and minimal, strategic clearing of some buffer vegetation to accommodate the service road and trail system. Areas where this clearing is proposed is limited to the immediate area adjacent to the wall and haul road, and to the minimal extent necessary for construction; with new native trees planted to the extent practical. Therefore, no significant adverse environmental impacts to open space and recreation are anticipated.

12. Impact on Critical Environmental Areas

The City of Rochester designated their Open Space (O-S) Zoning Districts as Critical Environmental Areas (CEAs) in order to protect existing greenspace and recreational

assets within the City. The Zoo is within this zoning district and as such within a CEA. However, while there is significant work proposed within the CEA, the project will be within the currently developed Zoo boundary with proposed improvements designed to modernize and enhance original facility carrying it forward into the future. Therefore, no significant adverse environmental impacts to critical environmental areas are anticipated.

13. Impact on Transportation

The existing parking lot on the south end of the Zoo grounds will remain with some reconfigurations proposed to improve traffic flow for the new entry complex. Parking counts and ingress/egress points are not expected to change significantly.

During construction, there will be an increase in traffic as a result of construction vehicles. It is estimated that up to fifty construction trucks per day may occur for short periods only during daylight hours and weekdays. It is estimated that 120 workers may be on the site during peak construction times. This traffic impact will be short-term and temporary. There will be a proposed construction haul road along the former railroad bed that will segregate construction traffic from Zoo patron traffic within the Park road network. Once construction is complete, traffic as a result of the Proposed Action will not increase significantly beyond the current road network capacity.

For these reasons, no significant adverse environmental impacts to transportation systems are anticipated.

14. Impact on Energy

Several new buildings are proposed as part of the overall work at the Zoo including a replacement of the Main Zoo Building. While these new buildings will result in an increase in the usage of electricity and natural gas for heating, the Zoo is currently serviced by public utilities and sufficient capacity exists for them. Replacement of older buildings on the Zoo grounds with newer energy-efficient buildings subject to current building code standards, including energy codes, which will likely increase their energy efficiency. As a result, energy consumption will likely improve through the use of more efficient building/HVAC systems, lighting, and materials.

Additionally, the new Entry / Administration Building is proposed to be serviced by a geothermal heating / cooling system. This renewable energy source will significantly reduce the Zoo's reliance on natural gas and electricity use over the life of the building.

For these reasons, no significant adverse environmental impacts to energy are anticipated.

15. Impact on Noise, Odor, and Light

With the proposed scope of work at the Zoo, an increase in noise, odor and light is expected during daylight weekday hours for the duration of the construction project. The

extent of the increases will be contained to the Park boundary. For Phase 2 work, the proposed service road improvements (shifting to the east, construction of a new walking path and a wooden fence) will result in the removal of vegetation within the Zoo boundary adjacent to the eastern property line. Although increased noise may occur during the construction phase, these are temporary in nature, and similar in duration and intensity as other commercial construction activities. Construction best practices will be strictly used for these efforts in order to minimize any impacts to neighboring properties.

For these reasons, no significant adverse environmental impacts associated with noise, odor, or light are anticipated.

16. Impact on Human Health

The Zoo has no past history of environmental concern that would result in a negative impact to human health and no hazardous operations presently or are proposed to occur there. As part of the construction work, asbestos-containing building materials (ACBM) and lead could be encountered during demolition due to the age of each of the buildings A plan for the proper removal and disposal will be prepared in accordance with applicable rules, regulations, and laws should they be encountered.

Two environmental sites have been identified within 2,000 feet of the Zoo, both associated with Kodak on the west side of the Genesee River. Both of these are still currently in use with one subject to site management (#828071) and the other having environmental easements (#828177). Both have various remedial action programs in place. No significant adverse environmental impacts on human health are anticipated.

17. Consistency with Community Plans

Monroe County is responsible for the operation, maintenance, and planning of the facility. Monroe County's most current Zoo Master Plan (2015) outlines the various infrastructure and program improvements that are needed to provide a first-class facility for the community, an educational experience to visitors, and deliver exceptional and appropriate care and habitat for exhibited animals. This document provided a framework for this proposed development of the Zoo Therefore, no significant adverse environmental impacts to community plan consistency are anticipated.

18. Consistency with Community Character

Seneca Park Zoo is an important asset to the community from an educational, recreation, economic, and social perspective. The proposed work, while resulting in a visual change in portions of the Zoo, will be a positive overall contribution in that it will rectify and modernize outdated buildings and facilities that no longer serve zoo animals well and ensure accreditation by the Association of Zoos & Aquariums (AZA). The proposed modifications will provide the community with a welcoming, friendly environment for resident animals and visitors , while providing space for additional animals. Building and site design will take into account the historical and cultural significance of both the Zoo

and Seneca Park. Appropriate architectural elements and materials along with interpretive features will be utilized. The impact to the community will be a positive one in that improvements will continue the Zoo's ability to serve as a valuable resource to the region.