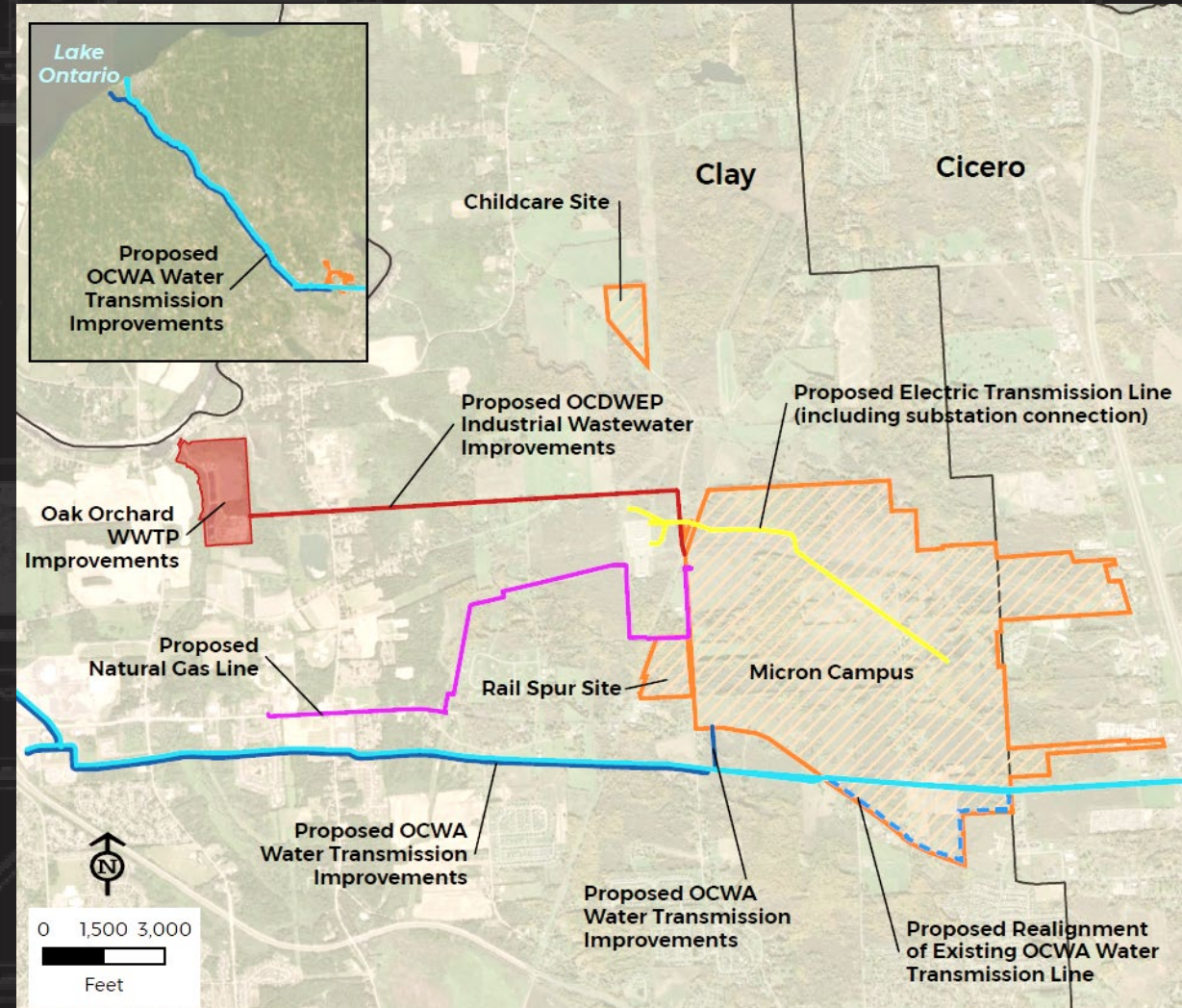


PUBLIC SCOPING MEETING FOR MICRON SEMICONDUCTOR FACILITY, CLAY, NY ENVIRONMENTAL IMPACT STATEMENT

March 19, 2024
Clay, NY



U.S. ARMY



US Army Corps
of Engineers®

CONVERSATION/MEETING NORMS

- Please turn cell phones to vibrate or silent
 - Please leave the room if you need to take a call.
- Please allow others to talk
 - Do not interrupt or talk over one another.
 - Refrain from sidebar conversations that may distract others from listening to commenters.
 - Refrain from applause.
- Please treat each other with respect



Meeting Facilitator

Steven Metivier
Chief, Regulatory Branch
Buffalo District, U.S. Army Corps of
Engineers



**U.S. ARMY SAFETY REMINDERS (PLACEHOLDER FOR
INFORMATION TO BE PROVIDED BY WSP)**



- Note the nearest emergency exit.
- Notify meeting personnel if you have any security-related concerns during this evening's meeting.
- Keep signs, banners, and posters outside — the facility has established a designated area outside where individuals can safely display signage without impeding the flow and emergency exit procedures.



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MEETING AGENDA



- Opening Remarks
- Corps of Engineers Permit Review
- National Environmental Policy Act (NEPA)
- Environmental Impact Statement (EIS) Scoping Process
- EIS Process
- Public Comment Information
- Proposed Project Overview (Micron)
- Open for Public Comment
- Closing Remarks



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CORPS OF ENGINEERS PERMIT REVIEW



- **Authority:** Section 404 of the Clean Water Act
- **Regulatory Program Regulations:** Code of Federal Regulations Title 33, Parts 320-332
- **Review Components:**
 - Public Interest Review
 - Clean Water Act Section 404(b)(1) Guidelines
 - National Environmental Policy Act (NEPA)
 - Section 7 of the Endangered Species Act
 - Section 106 of the National Historic Preservation Act
 - Tribal Consultation



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NATIONAL ENVIRONMENTAL POLICY ACT



- The National Environmental Policy Act (NEPA) requires federal agencies to take a “hard look” at the potential effects of their actions, including permit decisions, prior to making decisions.
- NEPA ensures that the agency’s decisions are appropriately informed but does not mandate a particular decision.
- NEPA requires agencies to provide opportunities for public review and comment.
- An Environmental Impact Statement (EIS) is prepared under NEPA for projects that are likely to have significant effects to the environment.
- An EIS provides full and fair discussion of environmental impacts of an action and reasonable alternatives, as well as measures to minimize and mitigate impacts.



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AGENCY ROLES



- The U.S. Army Corps of Engineers (USACE) is the lead federal agency for the Micron Project Environmental Impact Statement.
- Other Cooperating and Participating federal agencies
 - U.S. Department of Commerce CHIPS Program Office(CHIPS)
 - United States Fish and Wildlife Service (USFWS)
 - Federal Highways Administration (FHWA)
 - U.S. Environmental Protection Agency (EPA)



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POTENTIAL ENVIRONMENTAL FACTORS FOR ANALYSIS



- Land use
- Socioeconomic Conditions
- Environmental Justice Communities
- Historic and Cultural Resources
- Visual Impacts
- Geology, Soils, and Topography
- Water Resources
- Fish and Wildlife Values
- Endangered Species
- Wetland and stream impacts
- Solid waste
- Hazardous material
- Transportation
- Air Quality
- Greenhouse Gas Emissions and Climate Change
- Noise
- Utilities and Infrastructure



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SCOPING



- Scoping provides interested parties an opportunity to provide comments to inform the Draft EIS.
- Comments help to:
 - **Identify issues for in-depth analysis in the EIS**
 - **Identify alternatives to be considered in the EIS**
- USACE invites input from Federal agencies, tribal nations, state, and local governments, the general public, and the commercial community to comment on the scope of the EIS.
- USACE invites comment on the identification of reasonable alternatives and information and analyses relevant to the Proposed Action and specific environmental issues to be addressed.
- All public scoping comments, verbal and written, will be part of the official record and a summary will be included in the Draft EIS.



EIS PROCESS



- **Scoping Period:** March 5- April 4, 2024
- **Preparation of Draft EIS**
- **Draft EIS Comment period:** 45 days from Notice of Availability of DEIS (Federal Register) and will include public meeting.
- **Final EIS:**
- **Final EIS Waiting Period:** Minimum 30 days from Notice of Availability for Final EIS (Federal Register)
- **Record of Decision:**

**Green:
Opportunity for Public Comment**



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HOW TO PROVIDE COMMENTS

11



Comment Period is open from **March 5- April 4, 2024**

Three different ways to comment (only need to do 1):

1. Oral comments during tonight's scoping meeting

2. **E-mail:** Submit via e-mail to:

celrb-micron.public.comments@usace.army.mil

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Attn: Ms. Margaret Crawford

7413 County House Road

Auburn, New York 13021

Micron NY Project Overview

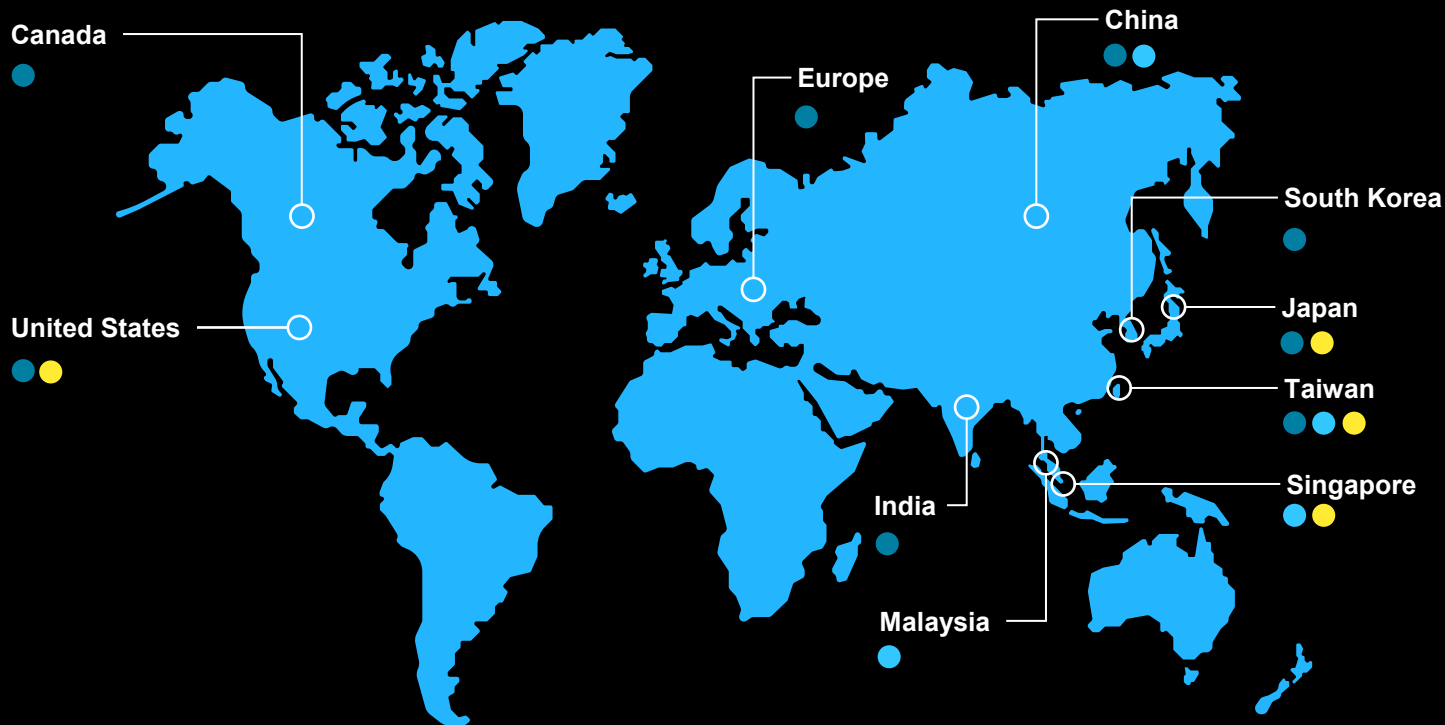
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- Engaged team members
- Leading-edge products
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- Front-end manufacturing sites
- Assembly and test manufacturing sites
- Micron offices



Founded on
October 5, 1978

Headquartered in
Boise, Idaho, USA

\$15.5B

FY2023 revenue

One of the largest semiconductor companies
in the world

~44,000


team members



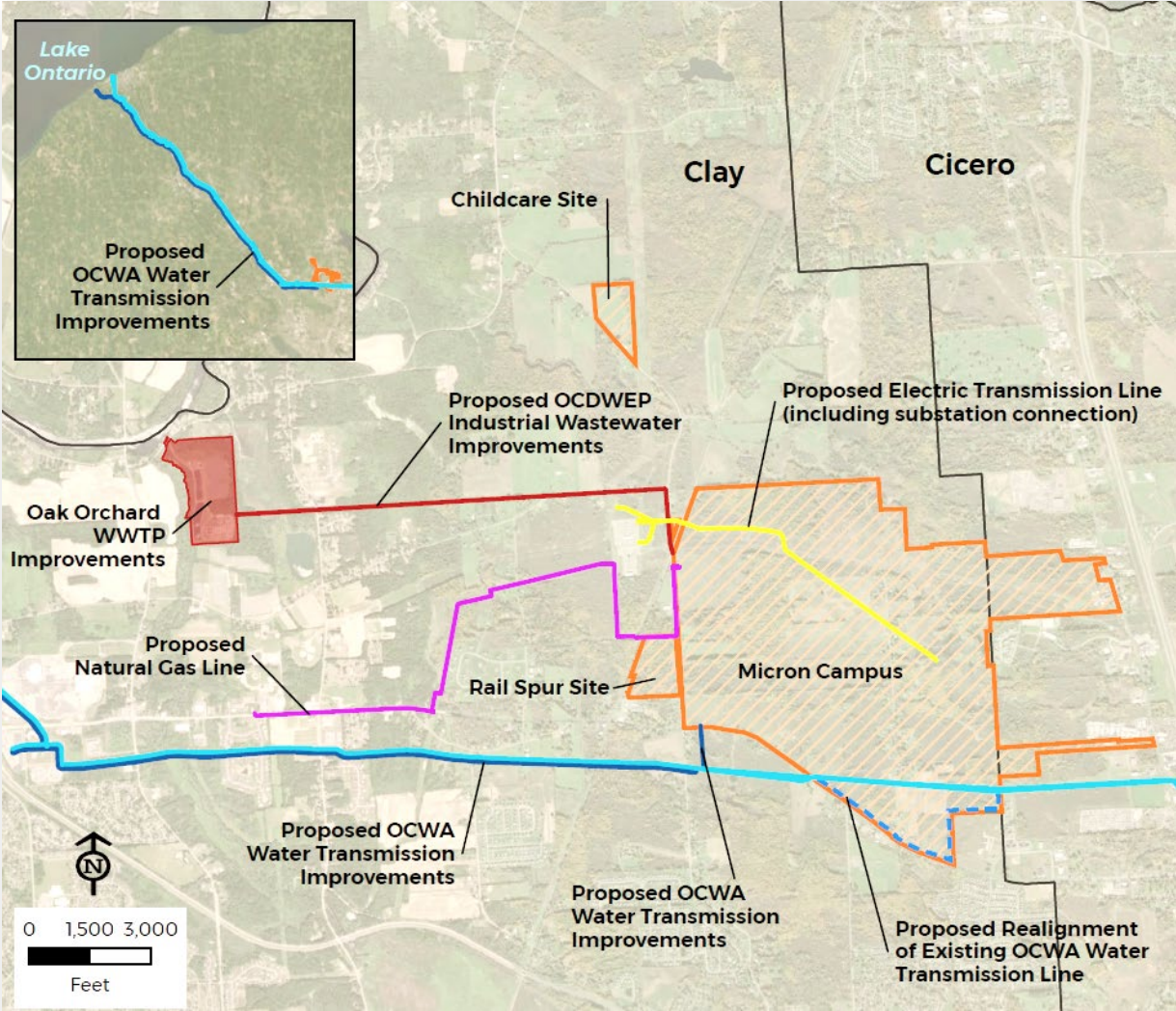
Micron NY – Vicinity Map




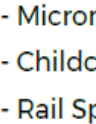
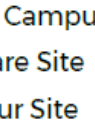
Legend

 Proposed Project Location








Micron NY – Overview Map



Proposed Project (Micron)

-  - Micron Campus
-  - Childcare Site
-  - Rail Spur Site

Off-site Improvements (By Others)

-  - Proposed OCDWEP Industrial Wastewater Improvements
-  - Proposed Electric Transmission Line
-  - Proposed Natural Gas Line
-  - Proposed OCWA Water Transmission Improvements
-  - Proposed Realignment of Existing OCWA Water Transmission Line
-  Existing OCWA Water Transmission Line
-  Municipal Boundary

Proposed Project



Micron NY – Proposed Project Elements



▪ Main Site

- +/- 1,400 ac parcel assemblage at NYS Route 31 & Caughdenoy Road (including “jack and bore” site)
- Fab 1: Start Construction CY 2025
- Fab 2: Operational by CY 2029
- Fab 3: Operational by CY 2035
- Fab 4: Operational by CY 2041

- Each Fab will have +/- 600k sf cleanroom, 290k sf cleanroom support, 250k sf admin space
- Each set of 2 Fabs will have +/- 470k sf central utility, 200k sf warehouse, 200k sf product testing

- Campus will have ancillary on-site electrical substations, facilities for water and wastewater treatment and storage, and industrial gas storage.

Micron NY – Proposed Project Elements



- **Childcare Site**

- 30.2 ac parcel at 9100 Caughdenoy Road for childcare and employee/family health care facility








Offsite Improvements



Offsite Improvements – Water Supply (OCWA)



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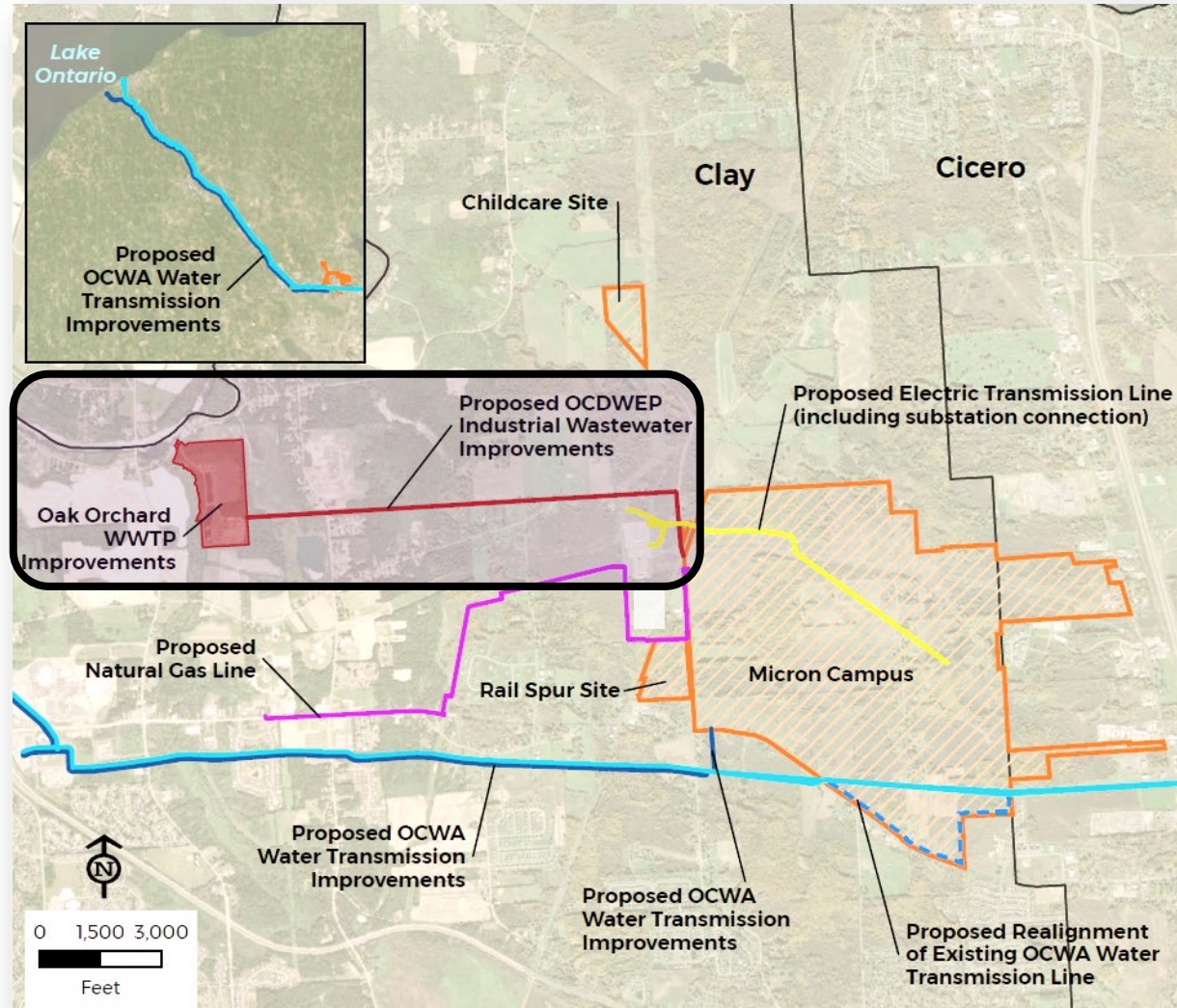
-  Proposed Project
-  Existing OCWA Water Transmission Line
-  Proposed Realignment of Existing OCWA Water Transmission Line
-  Proposed OCWA Water Transmission Improvements
-  OCWA Burt Point
-  OCWA Lake Ontario Water Treatment Plant
-  OCWA Terminal Campus

Note:

Existing and proposed water transmission improvements will be located within the same approximately 99-foot-wide ROW; in easements already obtained by OCWA.

New line (water tunnel) to Burt Point would also go through existing ROW but that ROW has not been previously disturbed ROW.

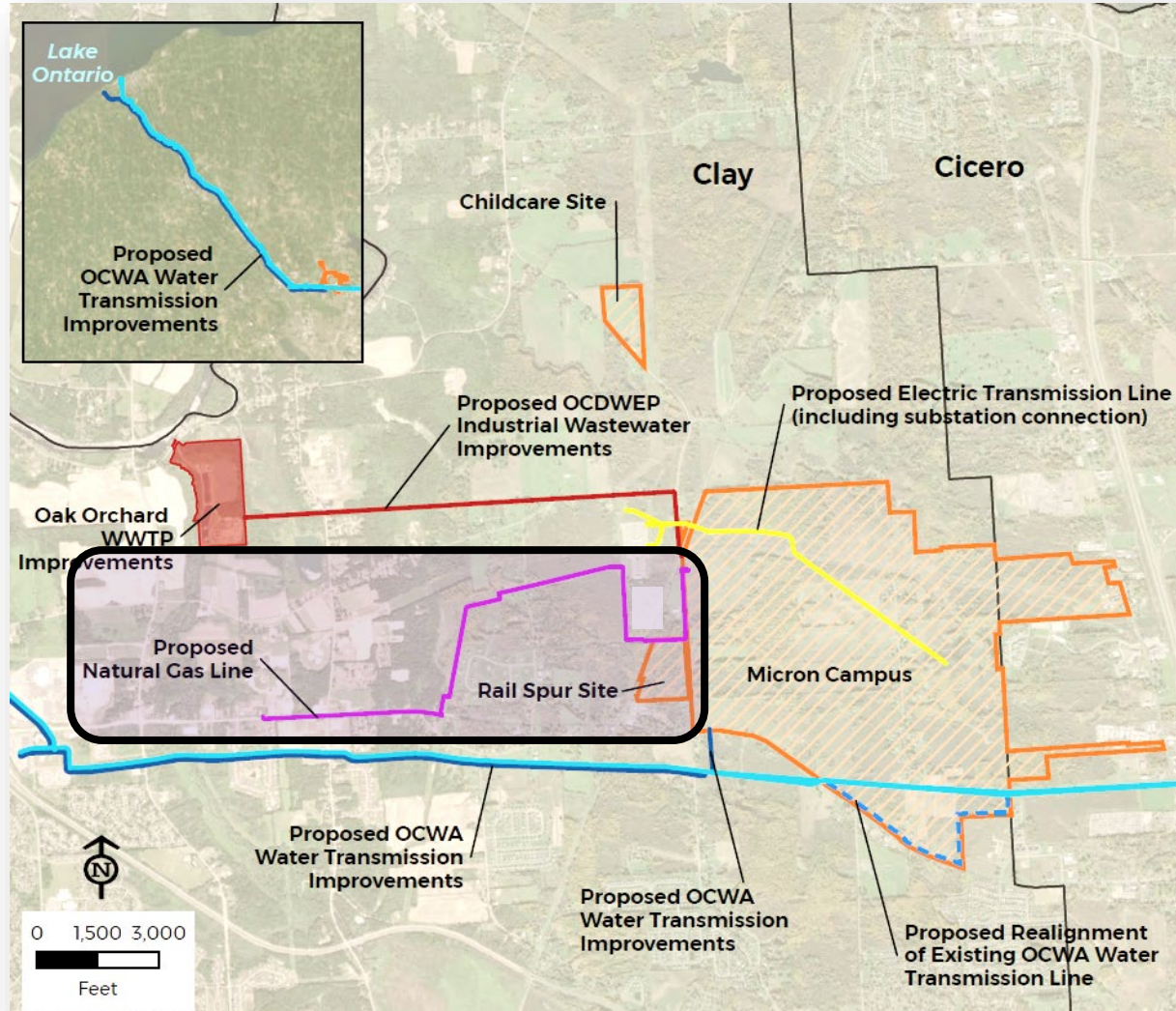
Offsite Improvements – Wastewater (OCDWEP)



▪ Wastewater

- Operation of Micron’s Fabs 1-4 will require additional industrial wastewater infrastructure and improvements to the Oak Orchard WWTP
 - Construction of OCDWEP industrial wastewater service conveyance to the Oak Orchard wastewater treatment plant (WWTP) from a new industrial wastewater pumping station to be constructed on the Micron Campus.
 - Conveyance infrastructure would comprise four (4) 30-inch force mains for industrial wastewater; and one (1) 36-inch force main for reclaimed water supply
 - Expansion of the Oak Orchard WWTP to treat industrial wastewater (with pre-treatment required by Micron at the Micron Campus).

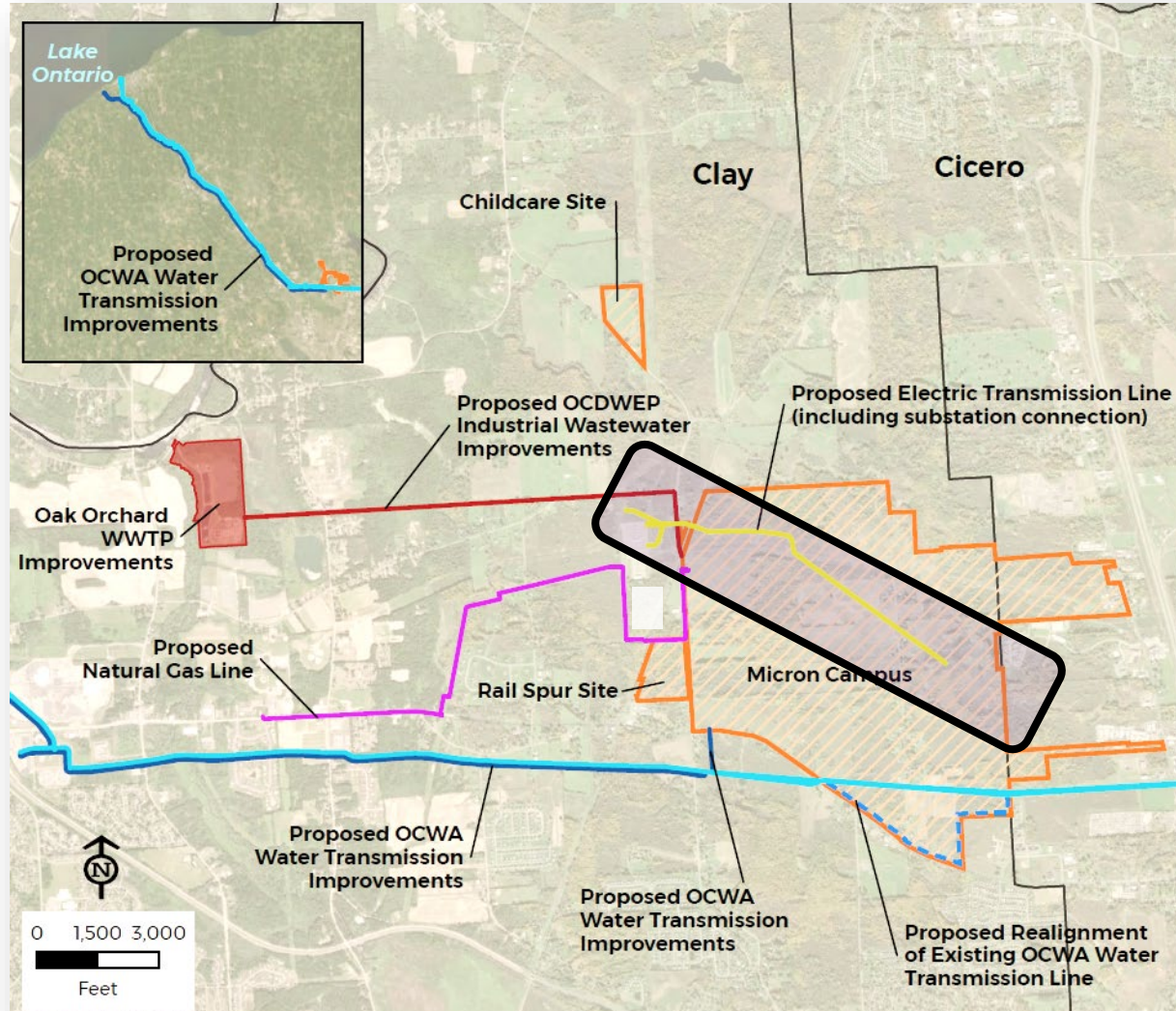
Offsite Improvements – Natural Gas (NG)



▪ Natural Gas

- Extension of a 16-inch diameter natural gas line from National Grid's Gas Regulator Station (GRS) 147 at 4459 NYS Route 31 to the Micron Campus (approximately 3.15 miles)
- Construction of GRS 147A at the same address as the existing GRS

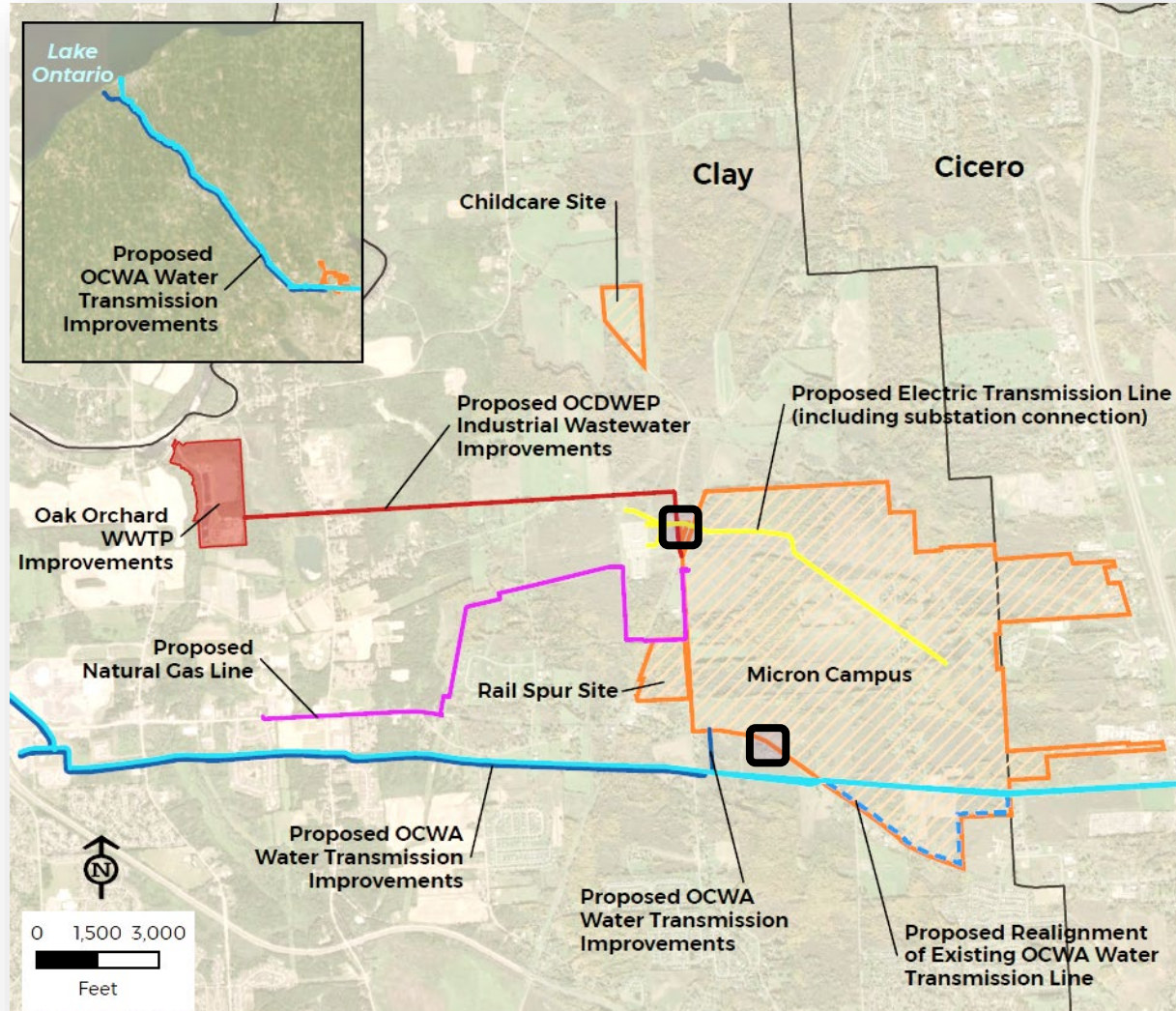
Offsite Improvements – Electricity (NG)



▪ Electricity

- Construction of eight (two per Fab) underground electrical transmission duct bank connections from the existing National Grid sub-station west of Caughdenoy Road

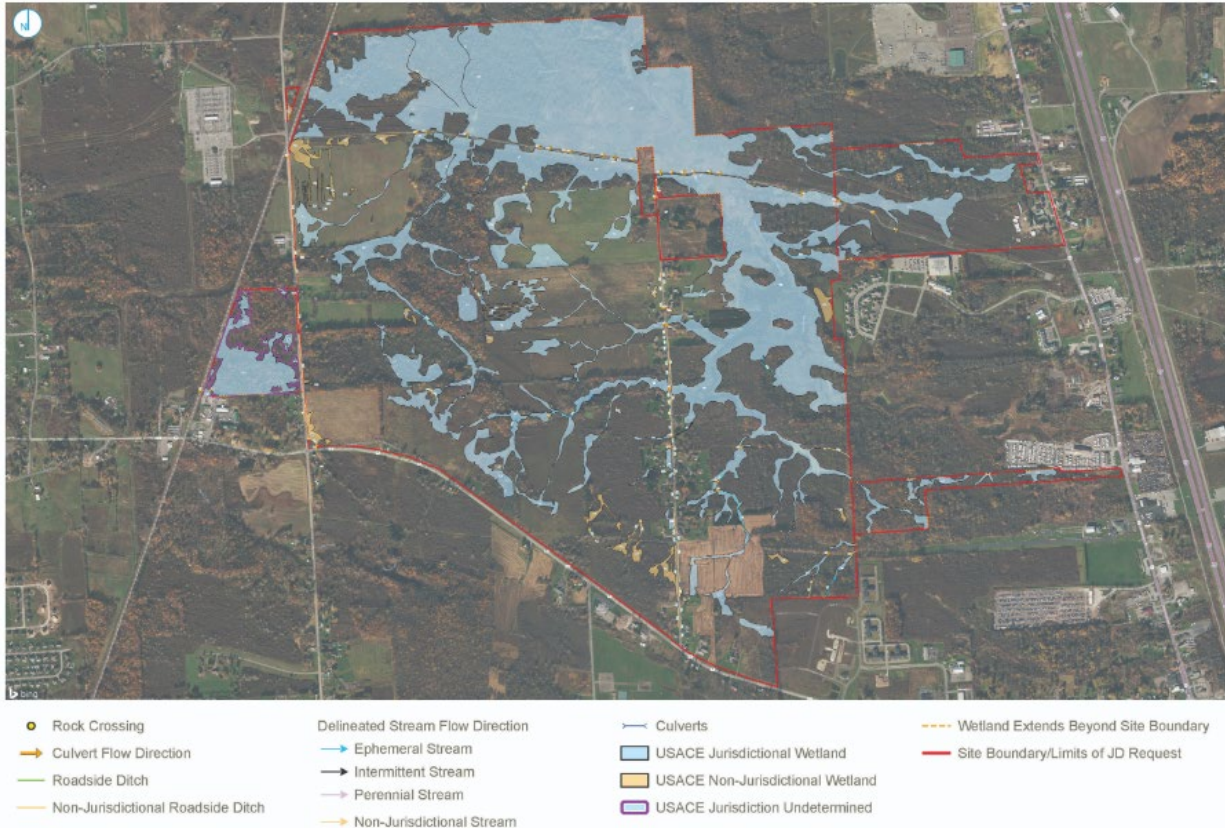
Offsite – Fiber



- Fiber

- Providers in the area have existing fiber connection points for the project that are within 1 mile of the two points of connections to the Micron campus (3,700 ft from existing point in Cicero and 3,200 ft from existing point in Clay)
- Routes would be built along existing road right of ways.

Wetlands



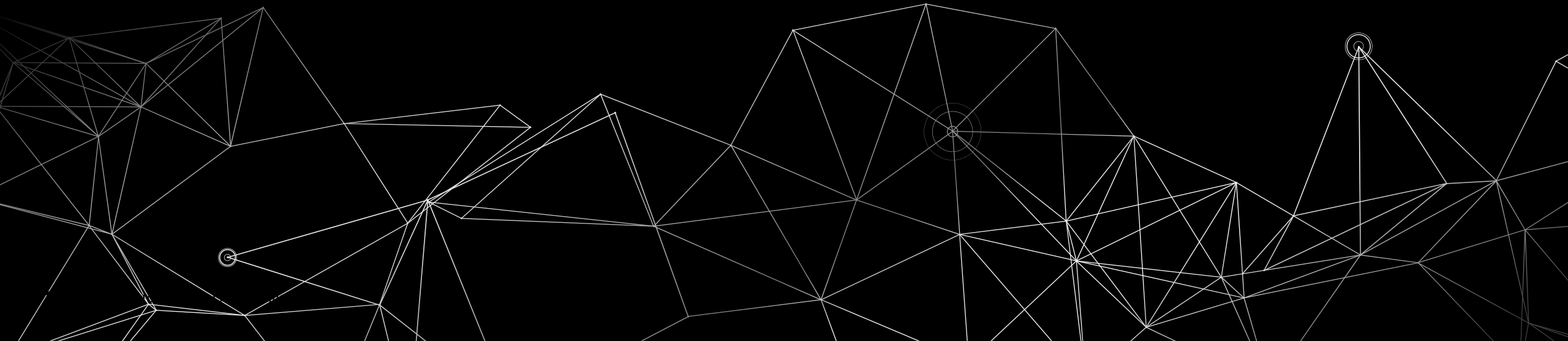
- Micron is coordinating with federal and state agencies to conduct detailed site evaluations of wetlands on the project site. In consultation with the U.S. Army Corps of Engineers (USACE) and New York State Department of Environmental Conservation (NYSDEC), Micron conducted field inspections in Spring 2023, Fall 2023, and Winter 2024 to identify Federal and State wetlands on the project site.
- The proposed Micron Campus contains portions of NYS mapped wetlands BRE-11 and BRE-14, part of the Youngs Creek watershed.
- Off-site utility corridors will also be evaluated. The proposed alignment for industrial wastewater force mains crosses NYSDEC wetland BRE-09 and BRE-13.
- USACE and NYSDEC staff have completed the review of the field-delineated wetlands. USACE has issued jurisdictional determination for the main site.

Wetlands

- As currently proposed, the proposed project will result in impacts to approximately 244 acres of federally regulated wetlands and approximately 7,523 linear feet of federally regulated streams and ditches, requiring a permit from the USACE under Section 404 of the Clean Water Act.
- Compensatory mitigation to offset permanent losses of waters of the United States will be included in a revised Joint Permit Application to USACE and NYSDEC.
- Micron is working to develop mitigation plans for expected impacts to federal or state wetlands, as well as for the loss of bat habitat and grassland bird habitat.
- Additional details on wetland impacts and mitigation plans will be disclosed in the NEPA Environmental Impact Statement.



The Micron logo features a stylized white 'M' with a white orbital ring around it, followed by the word 'Micron' in a bold, white, sans-serif font with a registered trademark symbol (®) to its upper right.





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VERBAL COMMENTING



- Say and spell your first and last name at the start of your comment.
- Speak clearly into the microphone.
- The Corps of Engineers will not respond to comments or questions during the meeting. All comments will be considered during preparation of the EIS.
- Verbal comments will be held to a time limit.
- If time allows, participants may be permitted to speak again after all commenters have an initial opportunity to speak.
- This meeting is being transcribed, and all comments will be included in the administrative record.