



Welcome!

Purpose

The open house will provide the public with an opportunity to learn more about the project's status and provide information about the upcoming Environmental Review process. Micron is committed to engaging the community in conversations about this investment and will continue to host events and provide ways for the community to submit feedback as we move forward in the process.

Agenda

6:00 pm

Doors Open
Sign-In
Reception

6:30 pm

Welcome Remarks

6:40 pm

Presentation

7:00 – 8:30 pm

Open House
Review Exhibits

| Get Involved



Attend the presentation to learn about the project and the upcoming environmental review process



Visit Open House exhibits
Ask us questions!
Provide feedback to the project team



Submit comments and stay informed about the project

About Us

Who We Are

We are a world leader in innovative memory solutions that transform how the world uses information. For over 40 years, our company has been instrumental to the world's most significant technology advancements, delivering optimal memory and storage systems for a broad range of applications.

Nothing is more important than our commitment to integrity. The quality of our reputation is just as important as the quality of our products. Our future is built on continuous innovation, but our day-to-day operations wouldn't be possible without our team members' commitment to conducting business with uncompromising integrity and professionalism. We take a proactive approach to environmental stewardship, occupational health and safety, and high-quality product standards. As a result, our award-winning efforts have been recognized internationally.

At a Glance

Founded on

October 5, 1978

Headquartered in

Boise, Idaho USA

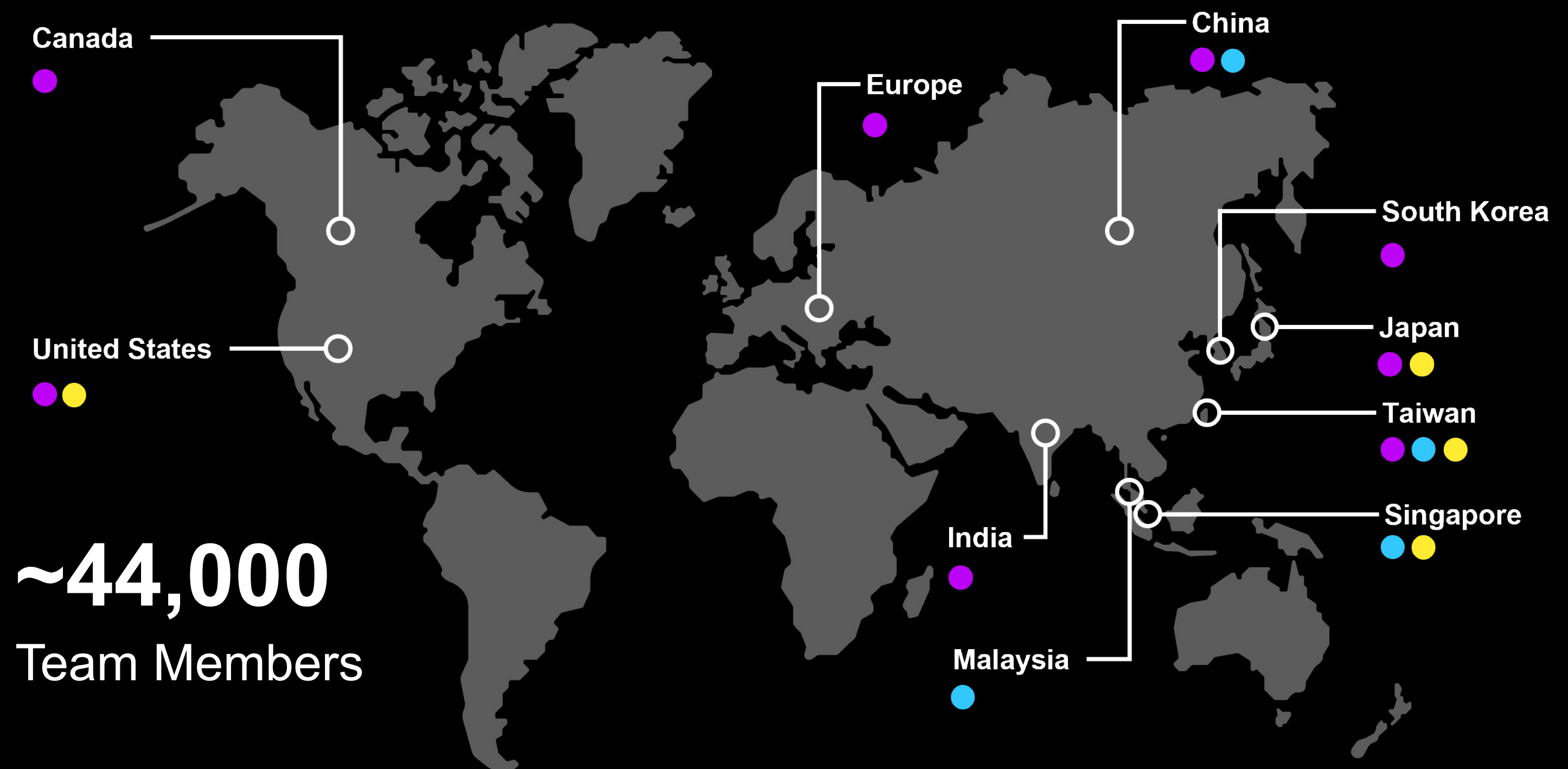
\$30.8B

Fiscal Year 2022 Revenue

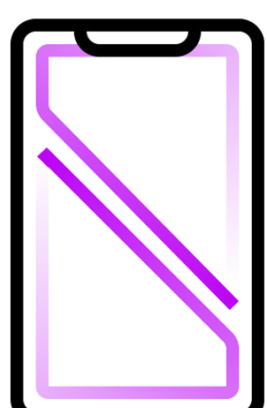
5th

Largest semiconductor company in the world

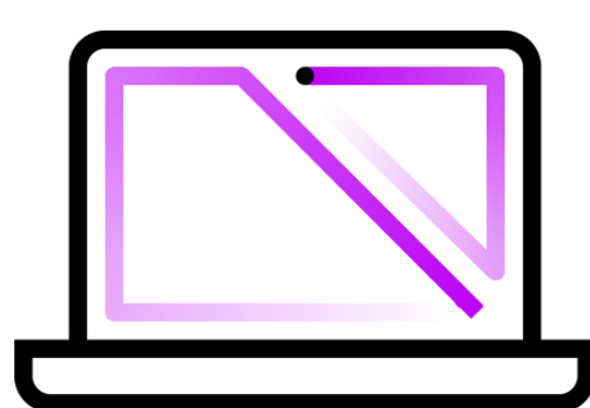
- Front-end manufacturing sites
- Assembly and test manufacturing sites
- Micron offices



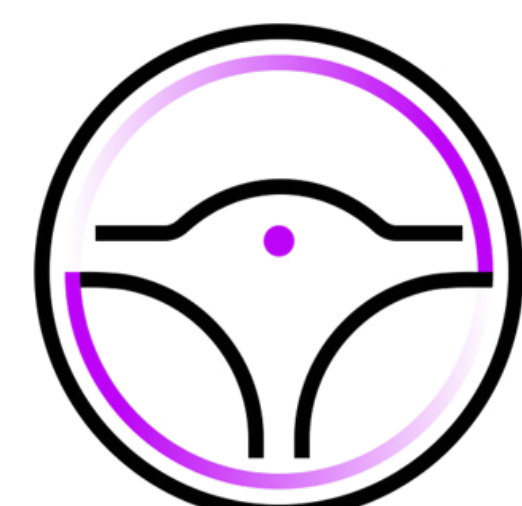
How Our Products Apply to You



Smartphones



Personal Computers



Vehicles

Project Overview

In 2022, Micron announced its plans to build the largest semiconductor fabrication facility in the history of the United States. Micron intends to invest up to \$100 billion over the next 20-plus years to construct a new megafab in Clay, New York, with the first-phase investment of \$20 billion planned by the end of this decade.

Micron's project is aligned with the goals of the CHIPS and Science Act Notice of Funding Opportunity (NOFO) to enhance U.S. economic and national security by securing a leading edge in critical technologies and rebuilding a highly complex but critical manufacturing sector in the U.S.

Micron's Historic New York Megafab Plans

- Micron selected Clay, New York, for the location of the megafab site.
- Micron intends to invest up to \$100 billion over the next 20-plus years, with the first phase investment of \$20 billion planned by the end of this decade.
- This is the largest private investment ever made in New York state history.
- Site preparation has started with construction beginning in 2024.
- Micron's investment will create nearly 50,000 New York jobs: 9,000 new high-paying Micron jobs and over 40,000 community jobs.
- Micron's Central New York site plans to eventually include four 600,000 square foot cleanrooms.
- Production output will ramp in the latter half of the decade.



"Micron's \$100 billion investment in New York marks the start of something transformative in scale and possibility for our state's economic future. I promised that we would jump start the economy by being the most business-friendly and worker-friendly state in the nation, and thanks to our State Green CHIPS legislation, the federal CHIPS and Science Act, and extraordinary partnerships with business, labor, and local and federal leaders, this project will do exactly that. Together, we are leveraging this investment – the largest private-sector investment in state history – to secure our economic future, solidify New York's standing as a global manufacturing hub, and usher the state into another Industrial Revolution."

– Governor Kathy Hochul

Purpose & Need

Project Purpose

- **Help to meet the growing global demand** for memory and storage.
- **Reduce economic and national security risks** by expanding the capacity for domestic memory manufacturing - in the process, strengthening regional supply chains and furthering R&D collaboration.

Commitment to New York

Micron and New York State announced a historic \$500M investment in community and workforce development with the project.

Micron will invest \$250M in the Green CHIPS Community Investment Fund.

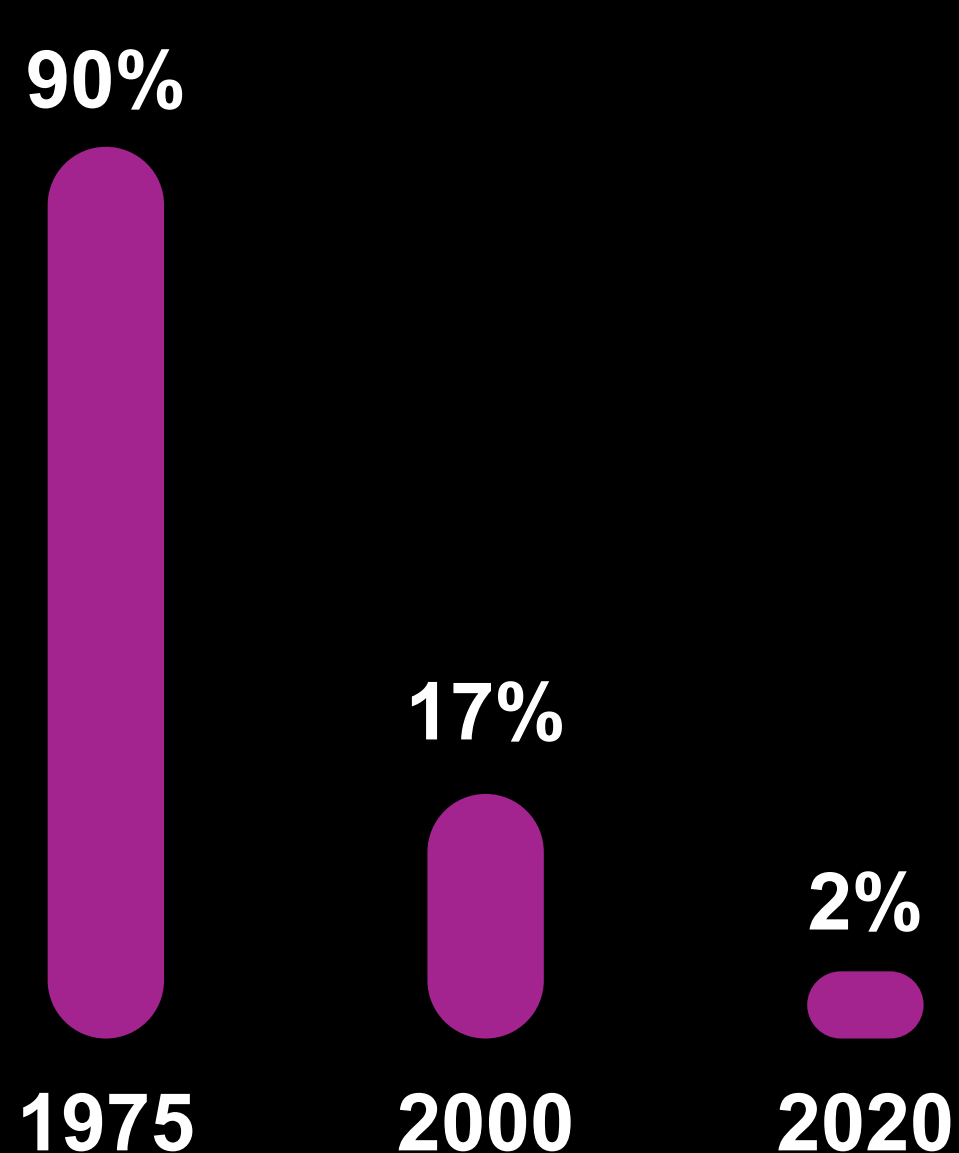
Micron has committed to raising \$150M with local, state, and national partners.

Demand for Chips

Memory has applications in almost every sector. DRAM and NAND revenue is predicted to grow from a \$161B industry to a \$320B industry by 2030.



Memory Manufacturing in the U.S.



U.S. Share of Global DRAM Manufacturing Capacity

Today, less than 2% of global memory is manufactured in the U.S., all by Micron. Recognizing that the U.S. memory chip supply could be vulnerable to disruptions from natural disasters, geopolitical tensions or conflicts, and other events, Congress passed the bipartisan CHIPS and Science Act to help ensure the U.S. has access to the reliable supply of semiconductors that is critical to bolstering economic and national security.

Project Benefits

Micron's plans to invest up to \$100B in Central New York will bring considerable benefits to the community.



Jobs

Micron's planned investment will create nearly **50,000** new jobs, including **9,000** Micron jobs by the end of the decade. This will include community jobs include suppliers, contractors, and other supporting roles.



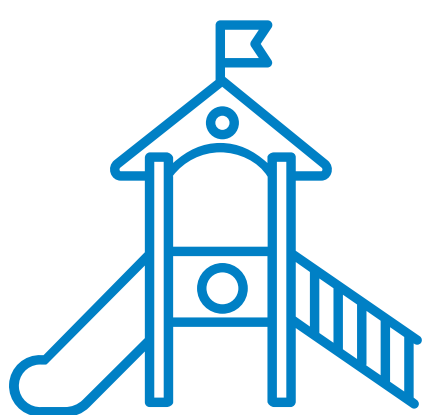
Education

As part of the company's ongoing commitment to the Central New York community and to further grow the workforce, Micron will expand investment in K-12 STEM education programs, build on partnerships with community colleges and universities and identify new ways to provide education and training to underrepresented and rural populations.



Workforce Development

Micron is committed to expanding and preparing the next generation of talent through workforce initiatives including the formation of the Northeast University Semiconductor Network. This partnership, including **20+** colleges and universities, is focused on collectively developing the next generation of the U.S.'s semiconductor industry's workforce.



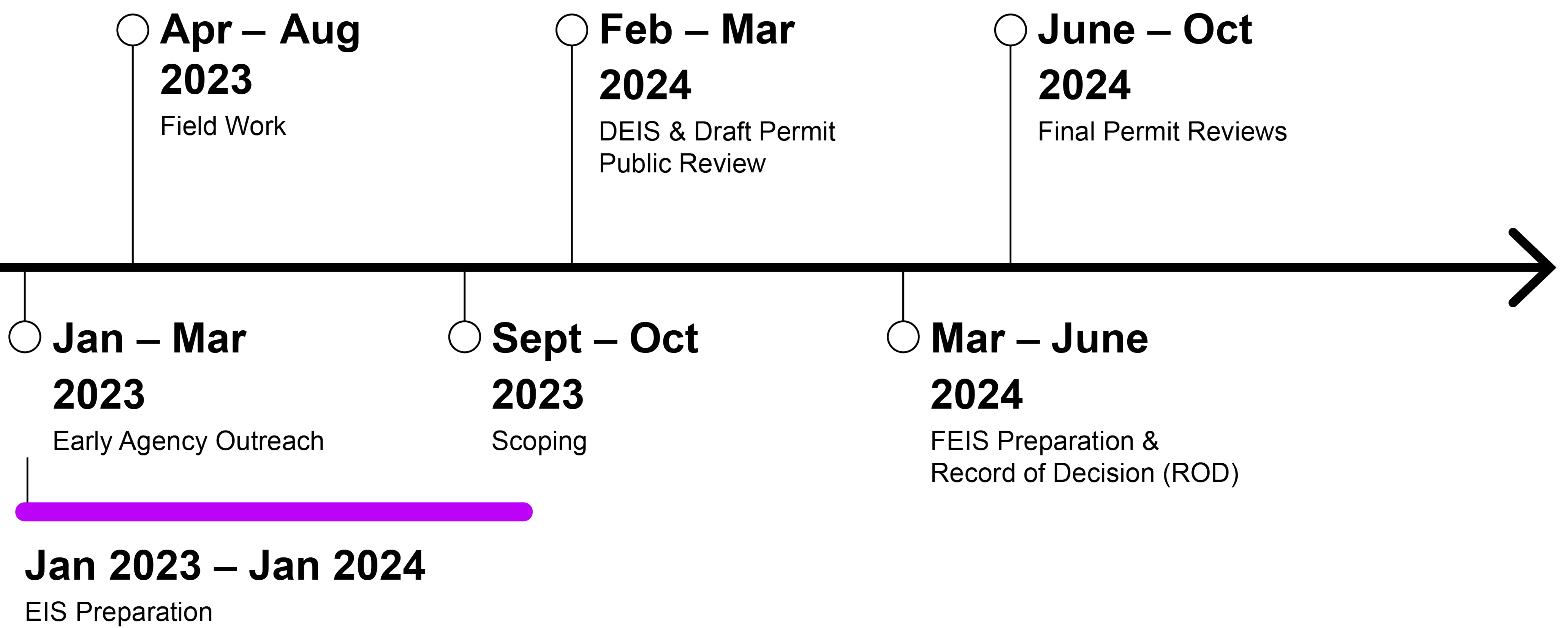
Childcare Facility

Micron recognizes that childcare is critical to expanding employment opportunities and that it is an issue for many families here in Central New York, and the Country. Micron will provide childcare resources and support for its team members and for the construction workforce supporting the development of Micron's facility in Central New York. Micron will make an initial \$500,000 investment in the YMCA of Central New York to support child development and early learning opportunities for underserved communities in the region.





Environmental Review



Micron will complete an Environmental Impact Statement (EIS) to satisfy the National Environmental Policy Act (NEPA) and the New York State Environmental Quality Review Act (SEQRA). The EIS will consider the potential impacts of the project on a broad range of topics including natural and physical environment and social and economic effects.

The EIS will also:

- Document the project’s compliance with Federal, State and local regulations
- Document Micron’s outreach to Environmental Justice communities
- Include information on agency permitting and outreach





Sustainability Initiatives

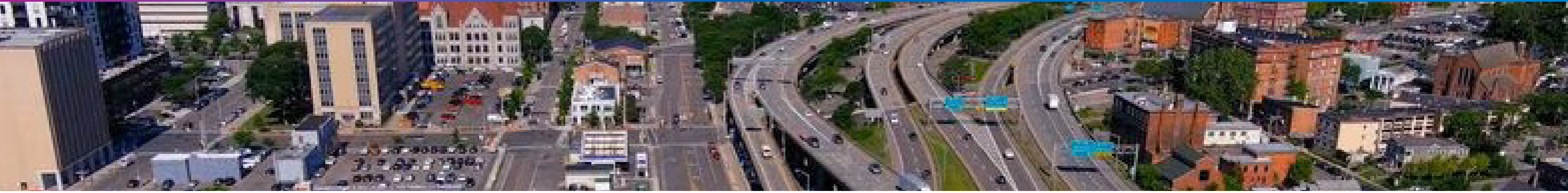
Micron is committed to delivering on its existing sustainability framework for the design and operations of its new facility, which include aiming to:

- Achieve 100% water reuse, recycling and restoration.
- Use 100% renewable electricity at the new facility.
- Use green infrastructure and sustainable building attributes for the construction of the new fab to attain Leadership in Energy and Environmental Design (LEED) Gold status.
- Mitigate and control greenhouse gas emissions (GHG) for the new facility.
- Incorporate energy efficiency measures.
- Utilize green hydrogen – hydrogen formed through electrolysis powered by renewable electricity, without GHG emissions – to the extent feasible to displace/replace natural gas and gray hydrogen consumption.
- Adopt measures to reduce and avoid waste generation and achieve zero hazardous waste to landfill.

These efforts support Micron's global target to achieve a 42% reduction in GHG emissions from operations ("scope 1") by 2030 and net-zero emissions from operations and purchased energy ("scope 1 & 2") by 2050, supporting the objectives of the Paris Agreement.

Named one of the 2022 World's Most Ethical Companies, awarded an Ecovadis Sustainability Platinum medal (top 1%) and named one of Newsweek America's Most Responsible Companies.





Transportation/Traffic

Micron is conducting detailed local and regional transportation analyses to assess the potential impacts of the proposed project. In Spring of 2023 Micron conducted detailed traffic counts at over 200 locations surrounding White Pine Commerce Park. Data will be analyzed in models developed with the assistance of NYSDOT and the Syracuse Metropolitan Transportation Council (SMTC). The models will identify areas of existing congestion and areas that may require additional measures to mitigate project traffic along key highway corridors serving the Project Site.

Local & Regional Transportation Analysis

- **Local Analysis:** Studies of roadways and intersections near the proposed project site.
- **Regional Analysis:** Generalized study of the Syracuse Metro area, with a focus on evaluating the region's highways and interstates.

Analysis Steps

- Study existing infrastructure and traffic patterns.
- Model future traffic patterns from traffic generated by the project and other developments in the area.
- Identify locations that will require infrastructure changes to accommodate increased traffic demand while minimizing impacts.
- Propose and test possible infrastructure improvements and share feasible options with stakeholders.

On-going Coordination

Micron and the planning and engineering teams have regular meetings with officials to keep all parties up to date on project progress:

- Regular meetings with Town of Clay, Town of Cicero, Onondaga County DOT, NYSDOT and FHWA.
- Public engagement meetings to solicit feedback from residents and local business.



Habitat Assessment

Micron is coordinating with federal and state agencies to conduct detailed site evaluations of potential habitat for threatened & endangered species or New York State Species of Special Concern. In consultation with the U.S. Fish & Wildlife Service and New York State Department of Environmental Conservation, Micron conducted field inspections in Spring 2023 to supplement information from various databases and maps.

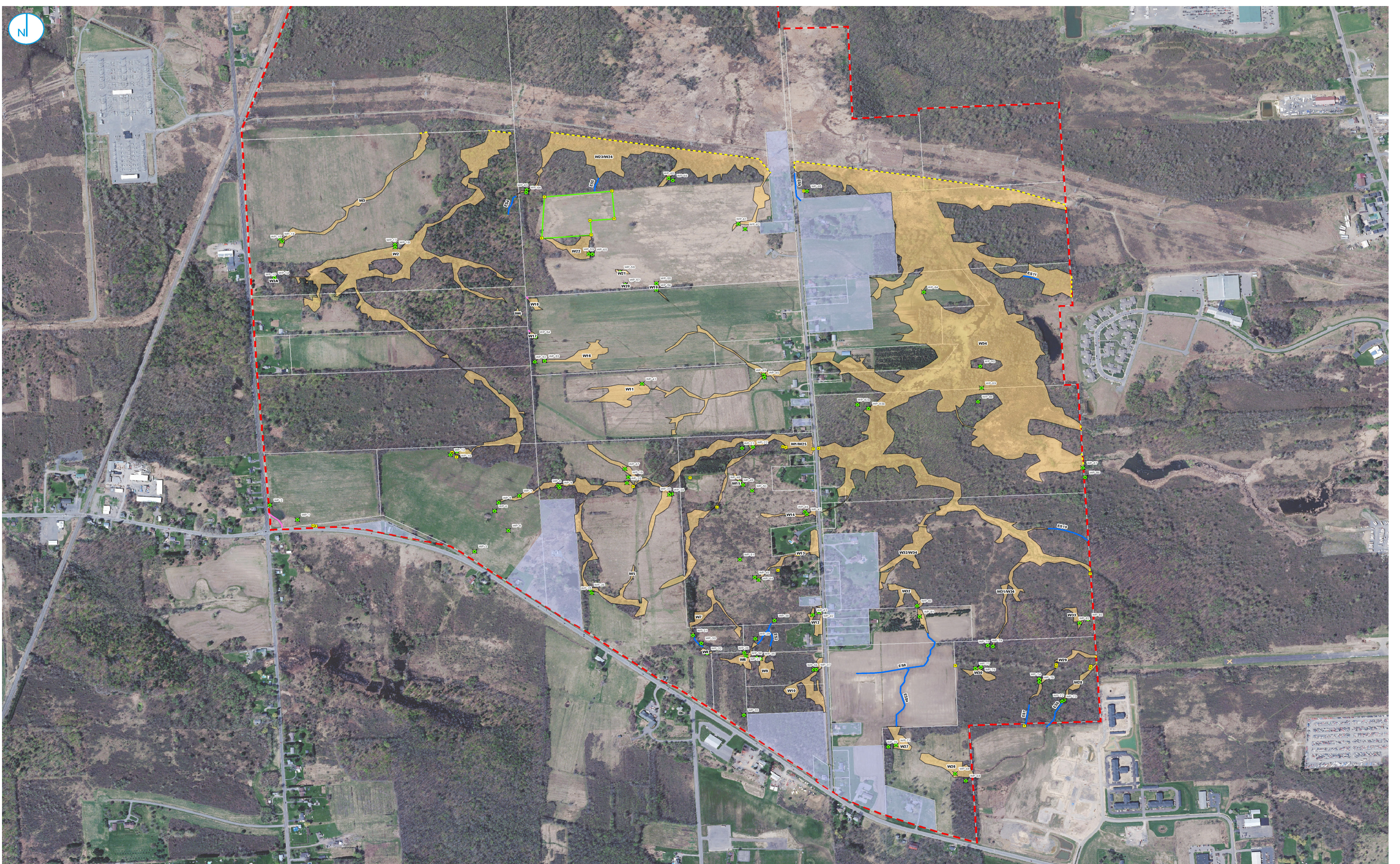
- Field work to be completed in Spring/Summer 2023 will evaluate the potential presence of the federally- or state-listed Indiana bat, northern long-eared bat, and northern harrier. Field work will also determine if the state-listed short-eared owl, which has previously been documented on the Project Site, is actually present. Grassland breeding bird surveys will also identify whether the state-listed sedge wren or any other state-listed birds could be found on the Project Site.
- Micron will be developing draft permit applications in coordination with the appropriate Federal and State agencies that will identify the potential impacts and proposed mitigation. This information will be contained within the Environmental Impact Statement.



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 and New York State Department of Environmental Conservation, Micron conducted field inspections in Spring 2023 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 initiated review of the field-delineated wetlands and will be reviewing a formal Jurisdictional Determination request to be submitted by Micron.
- Once the Jurisdictional Determination has been completed, Micron will develop mitigation plans for any expected impacts to federal or state wetlands.
- As currently proposed, the Micron Campus will likely result in wetland impacts requiring federal and state permits and associated mitigation.
- Micron will be supplementing its Joint Permit Application in coordination with NYSDEC and the U.S. Army Corps of Engineers to further identify the potential adverse impacts and proposed mitigation of such impacts. This information will be contained within the Environmental Impact Statement as well as the revised Joint Permit Application.



Air Quality, Noise & Climate Change

Air Quality

Micron is developing information in collaboration with NYSDEC to comprehensively identify potential air emissions from the proposed Fabs. This information will be part of a detailed Title V permit application that will be reviewed by NYSDEC and the U.S. Environmental Protection Agency. The permit application will also analyze the effects of the additional traffic entering and exiting the project site during construction and operations of the Proposed Project, including an assessment of Mobile Source Air Toxics (MSAT) following Federal Highway Administration protocol.

Noise

Micron is also assessing the effects of the Proposed Project on noise levels within the surrounding area. In Spring 2023, Micron conducted detailed monitoring of noise levels in the area. These data will be analyzed in a model that evaluates noise generated by the Proposed Project to identify where any noise levels may exceed thresholds established by various agencies. The model will be developed following guidance from NYSDOT, FHWA, and NYSDEC.

Greenhouse Gas Emissions

Micron is conducting a detailed assessment of potential greenhouse gas (GHG) emissions from the Proposed Project. The analysis will be prepared following guidance from the U.S. Council on Environmental Quality (CEQ), US Environmental Protection Agency (USEPA), and New York State's Climate Leadership and Community Protection Act (CLCPA).

Climate Change

In addition to the assessment of GHG emissions, Micron will include evaluation of the Proposed Project's effects on climate change and resiliency, including the effects of increased impervious areas on local flooding. This analysis will follow guidance provided by the US Council on Environmental Quality (CEQ).

Cultural, Socioeconomic & Regional Effects

Cultural Resources

Micron is coordinating with the New York State Historic Preservation Officer (SHPO) to conduct an assessment of the Proposed Project's effects on historic and cultural (archaeological) resources.

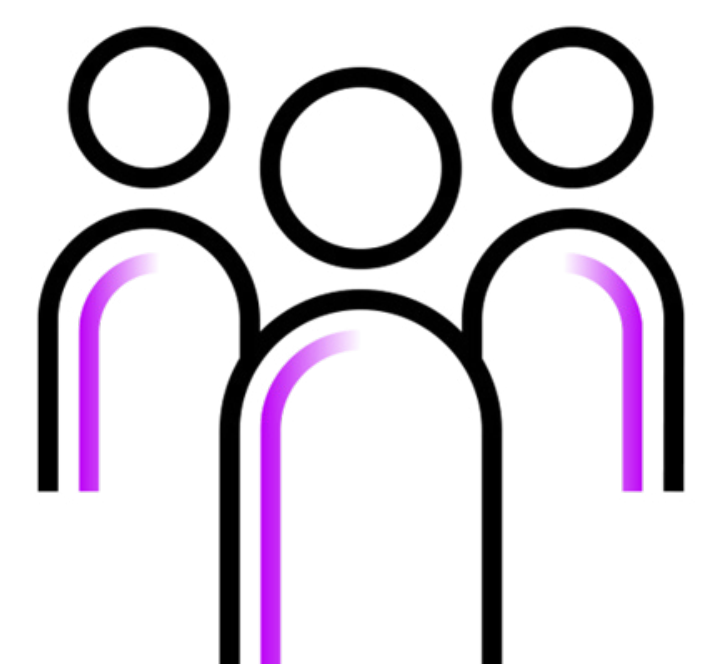
- The assessment will follow the requirements of Section 106 of the National Historic Preservation Act as well as Article 14.09 of the State Historic Preservation Act.
- Consultation with Indigenous Nations will be facilitated by SHPO.
- All areas of Proposed Project work will be screened for the potential presence of archaeological resources.

Socioeconomic & Regional Effects

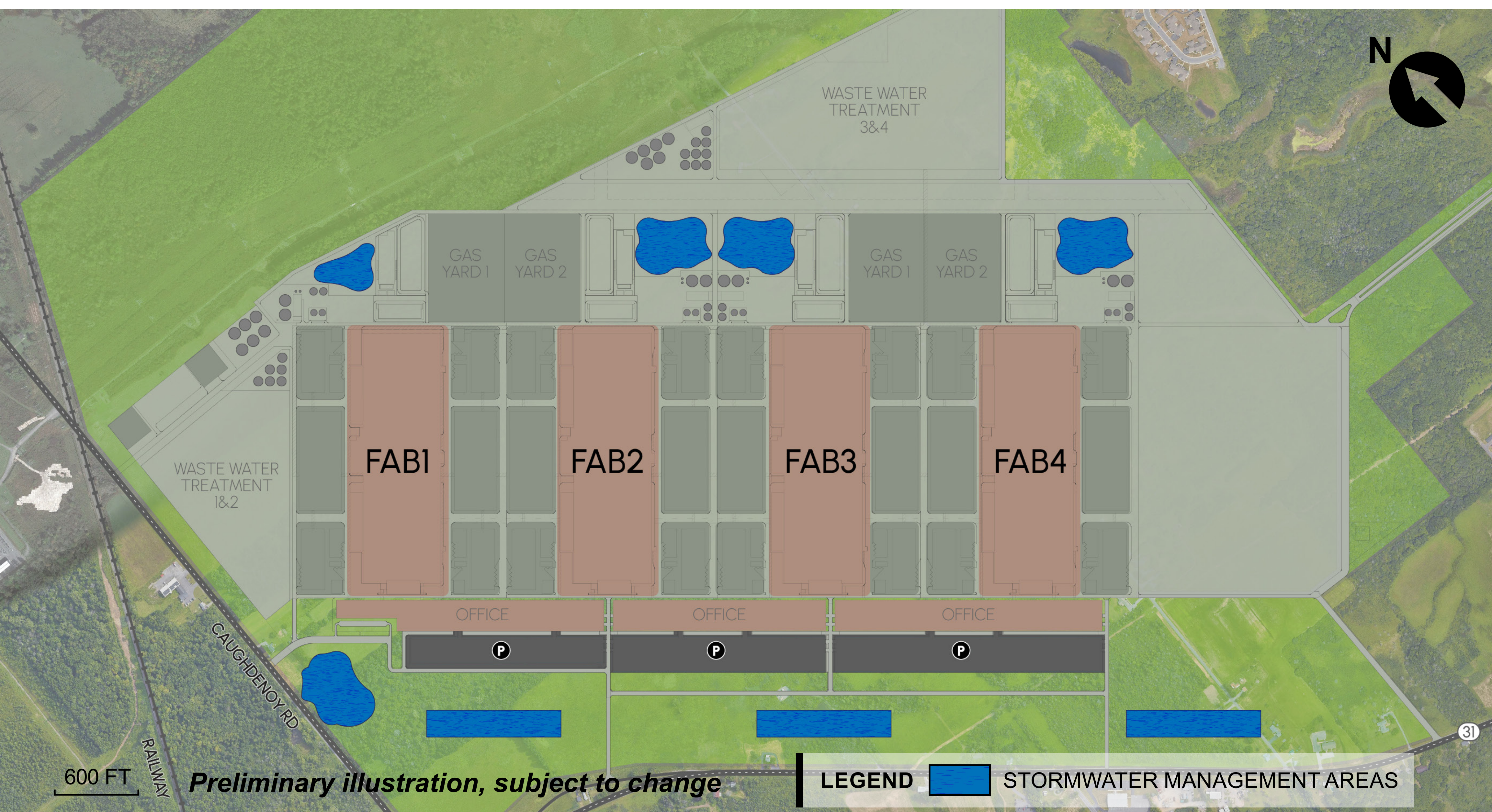
Micron is conducting detailed evaluations of the potential social and economic benefits and effects within local and regional areas. Recognizing that this historic investment may have transformative effects within Central New York, Micron has sought the assistance of Empire State Development to evaluate regional effects.

The evaluation will:

- Identify any Environmental Justice communities consistent with Federal and State Executive Orders and policies.
- Identify any Disadvantaged Communities (DAC) consistent with the New York State Climate Leadership and Community Preservation Act (CLCPA).
- Address potential changes in demographics and residential housing markets.
- Assess changes in labor supply and effects on existing businesses.
- Assess potential induced development in communities surrounding the Project Site.



Micron's Proposed Campus



Micron's proposed semiconductor manufacturing campus in the Town of Clay, Onondaga County, New York, will be built over the next 20-plus years and will consist of the construction of four (4) memory fabrication facilities (fabs).

- Micron intends to start construction of the Micron Campus in 2024 with Fabs 1 and 2 complete and operational by 2032. Full build-out of the Micron Campus (completion of Fabs 3 and 4) would be complete in 2043.
- Each Fab is expected to occupy approximately 1.2 million square feet (sf) of land and contain approximately 600,000 sf of clean room space, 290,000 sf of clean room support space, and 250,000 sf of administrative space.
- Each set of two Fabs would be supported by approximately 360,000 sf of central utility buildings, 200,000 sf of warehouse space, and 200,000 sf of product testing space housed in separate buildings.
- The proposed Micron Campus will also include ancillary on-site electrical substations, water and wastewater pre-treatment and storage, and industrial gas storage.
- A separate site nearby the Micron Campus will host Micron's childcare center and employee health and wellness center.

Community Resources & Facilities

Micron is coordinating with Onondaga County agencies to identify the potential effects of the Proposed Project on County infrastructure such as water, wastewater and solid waste.

Water

Micron has been working with Onondaga County Water Authority (OCWA) to identify any improvements to OCWA's existing water infrastructure required for the Proposed Project.

- An existing OCWA transmission line already services the Project Site, but additional capacity will be required to provide up to 48 million gallons per day (MGD) for Micron's operations.
- OCWA has sufficient capacity to serve Micron's initial fab, but will likely require an additional intake at Lake Ontario, as well as upgrades to the water treatment plant, pumping stations and transmission lines.

Wastewater

Micron has been working with Onondaga County Department of Water Environment Protection (OCDWEP) to identify any improvements to OCDWEP's infrastructure required for the Proposed Project.

- Micron will provide its own industrial wastewater pre-treatment operations on the Project Site and will coordinate with OCDWEP on re-use and reclamation of treated industrial wastewater to reduce overall potable water consumption.
- Micron is investigating other techniques such as rainwater collection for gray-water use on the Project Site.

Solid Waste

Micron will coordinate with Onondaga County to provide detailed information on project solid waste generation and recycling operations.

- In addition, Micron will be coordinating with NYSDEC to identify any regulated solid waste (including any universal waste or hazardous waste) generated at the Project Site and develop appropriate storage, handling and disposal practices to meet all applicable regulations.



Share Your Feedback

Your feedback is important to us

- ✓ **We want to know your thoughts about the project.**
- ✓ **Your feedback will help inform the environmental review process.**
- ✓ **Micron is committed to engaging the community in conversations that will help inform the project as it progresses.**

Submit Your Feedback



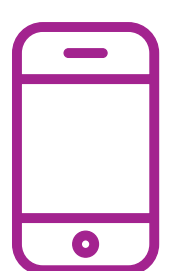
Tell us today.



Submit a written comment form today.



Email us: outreach@micronnewyork.com



**Call us: 315.220.0322
and leave a voicemail message**



Mail your written comment to:

**Attn: Tia Williams, WSP USA
One Pennsylvania Plaza, 4th Fr
New York, NY 10119**



What's Next?

Thank you for participating!

Thank you for taking the time to learn more about the Micron New York Fab Facility Project and for speaking with us. We hope you enjoyed the opportunity to learn more about the project and speak with project team representatives.

To stay informed, please sign up for project updates at the registration desk.

Next Milestone

As part of the environmental review process, Micron will host a Public Scoping Meeting in Fall 2023 to receive formal comments on the scope of the Environmental Impact Statement.

Stay in Touch



www.micron.com/NY



outreach@micronnewyork.com



315.220.0322

Scan QR Code to Visit
Project Website

