

Mead Johnson Nutrition – Zeeland Modernization Masterplan

Project description

Mead Johnson & Company, LLC is one of the world's largest producers of infant formula. The Zeeland, Michigan plant has been in continuous operation since 1924 and has undertaken numerous expansions and modernizations over the years. This project is a major modernization of both the manufacturing and packaging operations, as well as employee amenities areas. The project includes:

- (1) a new building to be constructed North of, and attached to, the existing plant that will house a new packaging line, and
- (2) a new stand-alone facility to be built directly West of the existing buildings, and connected by walkways, on property recently acquired and rezoned to I-2 for this purpose. This new building will include manufacturing, packaging, warehousing, supporting utilities, and a new building housing office, laboratory, and employee amenities.

The project will also include associated sitework, utility installation, parking, and landscaping.

Requested Variances/Adjustments

Height Variance

Several Areas of the new facility exceed the code specified maximum height of 40' AGL. Much of the process equipment required to support our manufacturing requires this height with towers required for the spray dryer and blender. A Zoning Variance Request, similar to those approved for prior projects on site, has been prepared to be heard by the Zeeland Zoning Board of Appeals and is being submitted concurrently with this Site Plan Approval application.

Landscape Adjustments

FDA regulations under 21 CFR 117.20 require that the grounds surrounding a food processing plant be maintained in a manner that minimizes the potential for contamination from pests, dust, and debris. To support compliance with this requirement, large trees, shrubs, and similar vegetation cannot be placed immediately adjacent to buildings. Such plantings can create harborage areas for pests, support bird nesting, and interfere with proper drainage - each of which presents a potential risk to food safety.

In alignment with these regulatory expectations, Mead Johnson Nutrition takes additional precaution to eliminate or significantly reduce these risks. For the project referenced, we require that no trees, shrubs, grasses, or other landscaped areas be positioned in close proximity to the facility. Consistent with our approach on other recent expansions, no trees or grasses will be placed within parking islands or buffer zones directly adjacent to the plant.

To balance these restrictions while still enhancing site aesthetics and environmental quality, we are increasing the quantity of trees and landscape plantings along the perimeter of the site. This approach supports regulatory compliance while providing meaningful visual and environmental benefits. These adjustments are detailed in the attached landscape plans.

Parking Requirements

This modernization project includes purpose-built facilities that do not necessarily align with standard occupancy-per-square-foot benchmarks. As a result, the parking and site amenities have been designed specifically to support the operational requirements of the company, which may differ from standard code-based parking stall calculations. As part of the project planning process, a comprehensive analysis of staffing levels and shift schedules was completed to determine the actual on-site parking needs. This analysis is attached for reference.

The proposed employee main parking lot includes 377 regular (non ADA accessible) parking stalls, providing approximately 15% more capacity than the highest demand identified in the analysis. Because this lot will be controlled-access and reserved exclusively for employees, we are confident that this capacity will sufficiently support current operations as well as known future growth.

All contractors will be parking at the newly acquired building at 640 E. Washington Ave, entering the site from Washington Ave. There will be 91 contractors located at this site, with a lot capacity of 272 Spaces.

Additionally, should future operational changes create a need for more parking, adequate land is available within the property boundaries to allow for the development of additional parking areas. A deferred parking layout is also attached to illustrate this expansion capability.

Noise Abatement

As part of our efforts to optimize the site for Mead Johnson Nutrition operations while also supporting the quality of life for Zeeland residents and visitors, we have made several significant site adjustments that will substantially improve noise-reduction performance.

The most impactful change is the increased setback for all buildings. All manufacturing facilities are now positioned a minimum of 225 feet from the property line—far exceeding the required 50-foot setback. According to the 6-dB rule, this increased distance is estimated to reduce general facility noise by approximately 13 dB. In addition, the shipping docks and truck apron have been shifted farther away from N. Carlton Street, providing additional reduction in noise exposure.

Nearly as significant is the relocation of the Central Utility Building (CUB) and the cooling towers. These structures have been moved from the originally planned areas near N. Carlton Street to a more central location on the site, where they are naturally screened by other buildings. The CUB has shifted from roughly 200 feet to approximately 850 feet from N. Carlton Street, and the cooling tower from around 50 feet to approximately 850 feet. This relocation results in an estimated 24-dB noise reduction at the N. Carlton lot line.

As part of the overall landscaping plan, a close-rail aluminum fence and densely planted trees will further reduce noise levels along Main Avenue and the residential portion of N. Carlton Street by an additional 3–5 dB.



**Application for
SITE PLAN REVIEW &
SPECIAL LAND USE**

**Planning Commission
City of Zeeland**

Community Development Department
21 S ELM ST - ZEELAND, MI 49464
Phone 616-772-0872 - Fax 616-772-0880
buildinginspector@cityofzeeland.com
www.cityofzeeland.com

Received: 04/06/26
City of Zeeland, MI

Received by _____ Date _____ \$350 Fee _____ Check No _____

The City of Zeeland will not discriminate against any individual or group because of race, sex, religion, age, nation origin, color, marital status, handicap or political belief.

Please submit this application with checklist at least 30 days prior to the requested Planning Commission meeting (usually 1st Thursday of the month) along with 10 copies of the proposed site plan and related documents and an electronic file which may be submitted by email to buildinginspector@cityofzeeland.com. The applicant or a representative is required to present the application at the Planning Commission meeting.

I. PROPERTY INFORMATION

Property address 725 E Main Avenue	Parcel number 70- Multiple parcels, see civil sheet C101.
Name of development MEAD JOHNSON NUTRITION - ZEELAND MODERNIZATION MASTERPLAN	Acreage 45.38 acres

II. CONTACT INFORMATION

Property owner Mead Johnson & Company LLC	Contact Kirk Sakel
Phone (618) 383-0359	Email kirk.sakel@reckitt.com

Applicant Allan Barron	Company Mead Johnson & Company LLC		
Address 725 E Main Avenue	City Zeeland	State MI	Zip 49464
Phone (847) 409-3536	Email allan.barron@reckitt.com		
If applicant is other than owner, what is the relationship? Sr. Manager, Engineering			

Plan preparer Dan Lewis	Company VK Civil		
Address 7885 Byron Center Ave SW	City Byron Center	State MI	Zip 49315
Phone (616) 277-2185	Email Dan@vkcivil.com		

III. PROPOSED USE OF PROPERTY

PROJECTED COST OF PROJECT \$ _____

Description of use of property/buildings to be constructed See attached cover letter.
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NOTE:

If an application is submitted in accordance with information required in Chapters 16 and 17 of the Zoning Ordinance on a Site Plan and Special Land Use application, thirty (30) days should be sufficient for required reviews and minor revisions necessary for action by the Planning Commission. Major revisions and/or additional reviews could delay placement on the agenda or action by the Planning Commission.

FEE Information:

The application filing fee for Site Plan Review and Special Land Use of \$350 entitles the applicant to two (2) plan submissions, original and one (1) revision. Each additional submission over two (2) will require an additional filing fee equal to 50% of the original filing fee. Note: The applicant is liable for any attorney, engineering, or consultant fees incurred by the municipality and will be invoiced for any such charges. Fee for a Special Meeting of the Planning Commission is \$700.

OTHER Approvals:

If it is determined that other agency approvals are required, it is the applicant's responsibility to obtain and submit written approvals from these reviewing agencies to the Zoning Administrator before the project may be approved.

PLAN Revisions:

After Planning Commission review of the plans, any such plans that are revised or changed must be resubmitted with a revision date and change list attached. Please indicate sheet number where revisions have been made.

ADDITIONAL Information:

The Planning Commission may request from the applicant any additional graphics or written materials, prepared by a qualified person to assist in determining the appropriateness of the site plan. Such material may include, but need not be limited to: aerial photography; photographs; estimated impact on public schools and utilities; traffic impacts; impact on significant natural features and drainage; soil tests; and estimated construction costs.

**Planning Commission
SITE PLAN REVIEW & SPECIAL LAND USE
SITE PLAN CHECKLIST**

Received: 04/06/26
City of Zeeland, MI

The above application and plan(s) will be reviewed in accordance with the City Zoning Ordinance and other applicable City ordinances and regulations. The review will be conducted on a preliminary basis by the Zoning Administrator to determine if minimum information was provided on the site plan. The checklist below indicates the MINIMUM information that normally should be provided in the site plan in order for the application to be scheduled for hearing by the Planning Commission.

APPLICANT: PLEASE CHECK THE APPROPRIATE BOXES BELOW:

A. General Information

<u>Provided</u>	<u>N/A (Not Applicable)</u>	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	1. Applicants – owners/occupant names, addresses, telephone numbers.
<input checked="" type="checkbox"/>	<input type="checkbox"/>	2. Date (Mo/Day/Yr) including revisions.
<input checked="" type="checkbox"/>	<input type="checkbox"/>	3. Block Title.
<input checked="" type="checkbox"/>	<input type="checkbox"/>	4. Scale.
<input checked="" type="checkbox"/>	<input type="checkbox"/>	5. Northpoint.
<input checked="" type="checkbox"/>	<input type="checkbox"/>	6. Location map drawn at a scale of 1"= 2000' with north point indicated.
<input checked="" type="checkbox"/>	<input type="checkbox"/>	7. Architect, Engineer, Surveyor, Landscape Architect, or Planner's name address and telephone number.
<input checked="" type="checkbox"/>	<input type="checkbox"/>	8. <u>Existing</u> lot line, building lines, structures, parking areas, etc. on the parcel and within 100 ft. of the site.
<input checked="" type="checkbox"/>	<input type="checkbox"/>	9. <u>Proposed</u> lot lines, property lines and all structures, parking areas, etc., within the site, and within 100 ft. the site.
<input checked="" type="checkbox"/>	<input type="checkbox"/>	10. Centerline and existing and proposed right-of-way lines of any street.
<input checked="" type="checkbox"/>	<input type="checkbox"/>	11. Zoning classification of petitioner's parcel and all abutting parcels.

B. Physical Features

<u>Provided</u>	<u>N/A (not applicable)</u>	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	1. Entrance and abutting street tapers, acceleration, deceleration and passing lanes and approaches. See traffic study.
<input checked="" type="checkbox"/>	<input type="checkbox"/>	2. Proposed locations of access drives, street, intersections, driveway locations, sidewalks, bike-paths, curbing and areas for public use.
<input type="checkbox"/>	<input checked="" type="checkbox"/>	3. Locations of existing and proposed service facilities above and below ground, including: <ul style="list-style-type: none"> - Well sites. - Septic systems. Location of the treatment systems, of the septic tank and the drain field (soil absorption system) should be clearly distinguished. - Chemical and fuel storage tanks and containers. - Storage, loading and disposal areas for chemicals, hazardous substance salt and fuels. - Water mains, hydrants, pump houses, standpipes, and building services and sizes. - Sanitary sewer and pumping stations. - Storm water control facilities and structures including storm sewers, swales, retention and detention basins, drainage-ways and other facilities including calculations for sizes. - Locations of all easements. - Telephone/Communications/Cable. - Gas Meter/Lines, etc. - Electric/Transformers/Lines, etc.
<input type="checkbox"/>	<input checked="" type="checkbox"/>	
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<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	4. All structures with dimensioned floor plans, set-back & yard dimensions & typical elevation views, including building heights, etc.
<input checked="" type="checkbox"/>	<input type="checkbox"/>	5. Dimensional parking spaces and calculations, drives and type of surfacing.
<input checked="" type="checkbox"/>	<input type="checkbox"/>	6. Exterior lighting locations and illumination patterns.

B. Physical Features (continued)

<u>Provided</u>	<u>N/A (not applicable)</u>	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	7. Trash receptacle pad location and method of screening.
<input checked="" type="checkbox"/>	<input type="checkbox"/>	8. Transformer pad location and method of screening.
<input checked="" type="checkbox"/>	<input type="checkbox"/>	9. Dedicated road or service drive locations.
<input checked="" type="checkbox"/>	<input type="checkbox"/>	10. Entrance details including sign location and size.
<input checked="" type="checkbox"/>	<input type="checkbox"/>	11. Designation of fire lanes.
<input checked="" type="checkbox"/>	<input type="checkbox"/>	12. Location of snow storage areas.

C. Landscaping, Greenbelts, Buffers and Screening

<u>Provided</u>	<u>N/A (not applicable)</u>	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	1. Separate Landscaping plan.
<input checked="" type="checkbox"/>	<input type="checkbox"/>	- Location, spacing, size and descriptions for each plant type within required landscape areas.
<input checked="" type="checkbox"/>	<input type="checkbox"/>	- Minimum scale: 1"=50' for property less than three acres, or 1"=100' for property three acres or more.
<input checked="" type="checkbox"/>	<input type="checkbox"/>	- Typical straight cross section including slope, height and width of berms and type of groundcover, or height and type of construction of wall including footings.
<input checked="" type="checkbox"/>	<input type="checkbox"/>	- Planting and staking details.
<input checked="" type="checkbox"/>	<input type="checkbox"/>	- Identification of existing trees and vegetative cover to be preserved.
<input checked="" type="checkbox"/>	<input type="checkbox"/>	- Identification of groundcover and method of planting.
<input checked="" type="checkbox"/>	<input type="checkbox"/>	- Identification of landscape maintenance program.
<input checked="" type="checkbox"/>	<input type="checkbox"/>	- Lawn sprinkling design.
<input checked="" type="checkbox"/>	<input type="checkbox"/>	2. Screening between land uses.
		- Visual screening between conflicting land uses providing a total visual screen.

C. Landscaping, Greenbelts, Buffers and Screening (continued)

<u>Provided</u>	<u>N/A (not applicable)</u>	
<input type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	3. Parking lot landscaping. - Landscaped areas within the parking lot(s). - Landscaping between parking lot and adjacent private property. - Landscaping between parking lot and adjacent public property.
<input checked="" type="checkbox"/>	<input type="checkbox"/>	4. Greenbelt Buffers. - A strip of land with a minimum width determined by the front yard setback of the property's zoning classification, shall be located between abutting right-of-way of a public street, freeway, or major thoroughfare and the buildings. - Trees within buffer area to be not less than twelve (12) feet in height or have a minimum caliper of 2-1/2 inches, whichever is greater, at the time of the planting. - The remainder of the open area to be landscaped in natural landscape material. - Date of landscape completion.
<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	

D. Natural Features

<u>Provided</u>	<u>N/A (not applicable)</u>	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	1. Soil characteristics of the parcel to be at least the detail provided by the U.S. Soil Conservation Service "Soil Survey of Ottawa County, Michigan, 1972".
<input checked="" type="checkbox"/>	<input type="checkbox"/>	2a. On parcels of more than one acre, existing topography with a maximum contour interval of two feet.
<input checked="" type="checkbox"/>	<input type="checkbox"/>	2b. Topography on the site and beyond the site for a distance of 100 feet in all directions should be indicated.

D. Natural Features (continued)

<u>Provided</u>	<u>N/A (not applicable)</u>	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	2c. Grading plan, showing finished contours at a maximum interval of two feet, correlated with existing contours so as to clearly indicate required cutting, filling and grading.
<input checked="" type="checkbox"/>	<input type="checkbox"/>	3. Location of existing drainage courses, and associated bodies of water, on and off site, and their elevations.
<input checked="" type="checkbox"/>	<input type="checkbox"/>	4. Location of existing wetlands to at least the detail indicated on the City of Zeeland zoning map.
<input checked="" type="checkbox"/>	<input type="checkbox"/>	5. Location of natural resource features including woodlands and areas with slopes greater than 10 percent (one foot of horizontal distance).

E. Additional Requirements for Multiple Family, Cluster and PUD Developments

<u>Provided</u>	<u>N/A (not applicable)</u>	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	1. Density calculations by type of unit, by bedroom count.
<input type="checkbox"/>	<input checked="" type="checkbox"/>	2. Designation of units by type and number of units in each building.
<input type="checkbox"/>	<input checked="" type="checkbox"/>	3. Carport locations and details where proposed.
<input type="checkbox"/>	<input checked="" type="checkbox"/>	4. Specific amount and location of recreation spaces.
<input type="checkbox"/>	<input checked="" type="checkbox"/>	5. Type of recreation facilities to be provided in recreation space.
<input type="checkbox"/>	<input checked="" type="checkbox"/>	6. Details of community building and fencing of swimming pool if proposed.

F. Additional Requirements for Non-residential Developments

<u>Provided</u>	<u>N/A (not applicable)</u>	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	1. Loading/unloading areas.
<input checked="" type="checkbox"/>	<input type="checkbox"/>	2. Total and useable floor area.
<input checked="" type="checkbox"/>	<input type="checkbox"/>	3. Number of occupants during peak usage, i.e. shift change.
<input checked="" type="checkbox"/>	<input type="checkbox"/>	4. DNR Air Quality Permit attached. <i>Air Permit submitted to EGLE by ERM</i>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	5. Noise abatement procedure/technique. <i>See owner cover letter.</i>

**Planning Commission
SITE PLAN REVIEW & SPECIAL LAND USE
STANDARDS CHECKLIST**

In reviewing, approving, disapproving or modifying the application and site plan, the Planning Commission and/or the Planning Commission Site Plan Review Committee shall be governed by the following standards, which the applicant is also asked to respond to:

- | | Yes | No |
|---|-------------------------------------|------------------------------|
| a. Is there a proper relationship between the existing streets and highways within the vicinity and proposed deceleration lanes, service drives, entrance and exit driveways and parking areas to insure the safety and convenience of pedestrian and vehicular traffic? | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| b. Are the buildings and structures proposed to be on the premises situated to minimize adverse effects upon owners and occupants of adjacent properties? | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| c. Will the natural features of the landscape be retained when they furnish a barrier or buffer between the project and adjoining properties and where they assist in preserving the general appearance of the neighborhood? | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| d. In the case of elderly housing, will there be sufficient open space on the site to provide additional off-street parking should the development revert to conventional housing in the future? This amount of reserved space shall be adequate in size to meet the parking requirements for multiple family housing set forth in Chapter 17 while maintaining conformance of the development to all other provisions of the Zoning Ordinance. A variance may be granted by the Zoning Board of Appeals for reserving off-street parking if the applicant can demonstrate that the project shall be permanently restricted to elderly housing. | <input type="checkbox"/> | <input type="checkbox"/> N/A |

Yes No

e. Will any off-street parking be integrated with the use of existing off-street parking facilities in the vicinity of the development? The Planning Commission or the Planning Commission Site Plan Review Committee shall approve the Site Plan only when the developer has incorporated the use of alternate off-street parking facilities, such as municipal lots or lots which are used at non-conflicting times or days of the week.

f. Have impacts, if any, of the proposed development which negatively affect adjoining residents or owners been minimized by appropriate screening, fencing, landscaping, setback and location of buildings, structures and entryways.

g. Have the buildings been situated to minimize any harmful or adverse effect which the development might otherwise have upon the surrounding neighborhood?

h. Have all provisions of the City Zoning Ordinance been met? This would not preclude the applicant from applying for an appropriate variance with the Zoning Board of Appeals. The Planning Commission or the Planning Commission Site Plan Review Committee may conditionally approve a site plan subject to the granting of any appropriate variance.

See site plan variance drawings included in this package.

**Planning Commission
SITE PLAN REVIEW & SPECIAL LAND USE**

This application shall also include a drawn to scale site plan(s) that include the information listed below. The Zoning Administrator may authorize omissions as noted in the left margin.

<u>OFFICE USE</u>	
_____	a) Applicant identification.
_____	b) Street address.
_____	c) North arrow.
_____	d) Size of property in square feet or acre.
_____	e) Property lines and dimensions.
_____	f) Location of significant natural features including wetlands, steep slopes, flood prone areas, unique vegetation, any other unusual features.
_____	g) Location of all structures on the land with location dimensions and building dimensions.
_____	h) Lot lines and all structures within one hundred feet (100') of the site's property lines including driveways and other access points along both sides of the street where access to the site is proposed.
_____	i) Identification of all rights-of-way and easements pertaining to the subject land and adjoining parcels.
_____	j) Copy of latest surveyor's engineering drawing.

The undersigned hereby certifies that the information given in this application and supplementary materials is true and correct to the best of their knowledge. It is also understood that any information requested, and not included with the application, may cause delays in a decision being made by the Planning Commission.

I hereby grant permission for members of the City of Zeeland Planning Commission to enter the above described property (or as described in the attached) for the purposes of gathering information related to this application/request/proposal. **(NOTE TO APPLICANT: This is optional and will not affect any decision on your application.)**

YES NO

Signature of Applicant

Date

This application, ten (10) copies & electronic file required, and filing fee of _____ received by:

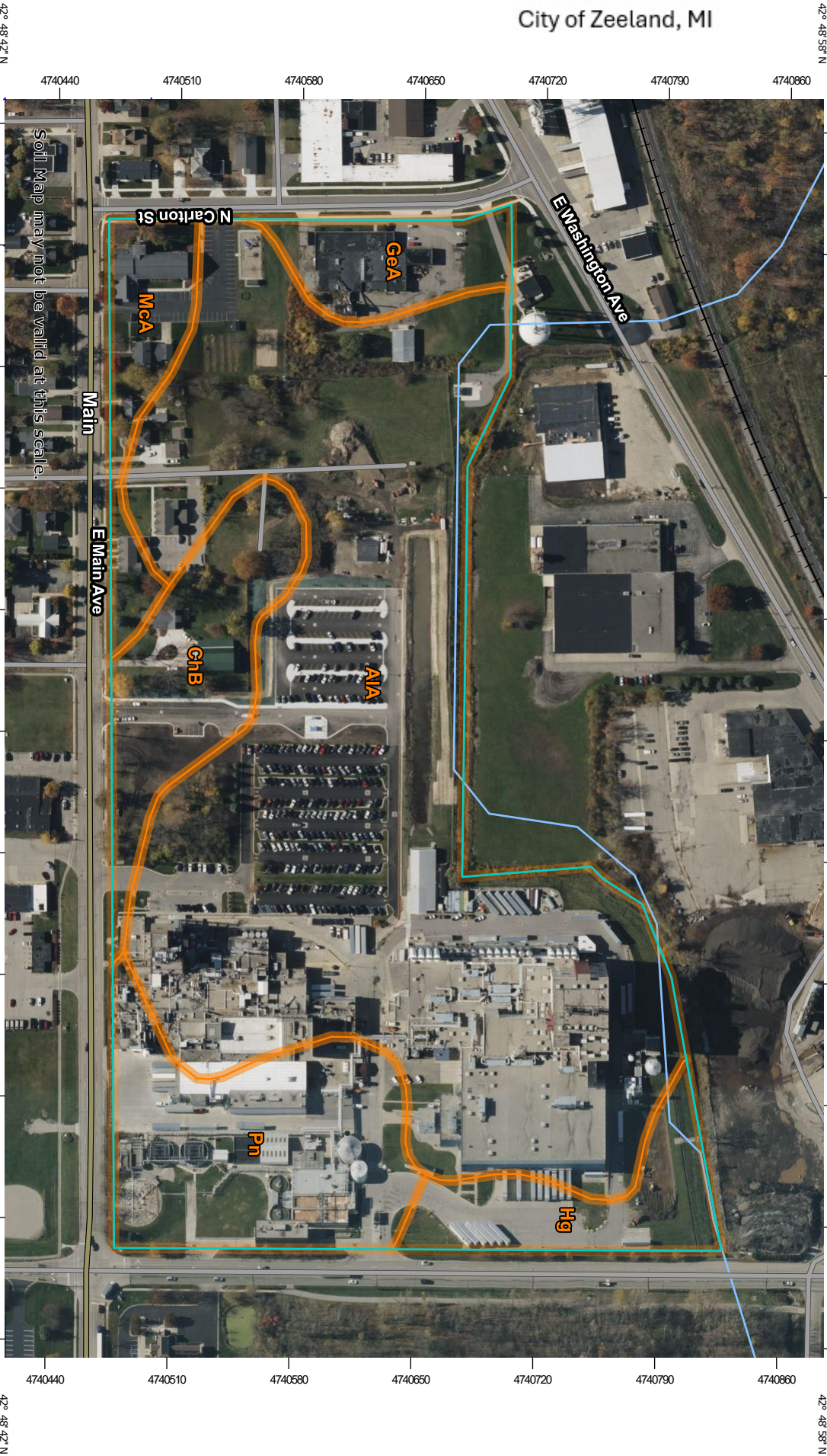


Administrative Official

To be Paid
4/6/26

Date

Soil Map—Ottawa County, Michigan
(Project VIVID)








Soil Map may not be valid at this scale.

42° 48' 42" N
86° 0' 28" W
581120
581190
581260
581330
581400
581470
581540
581610
581680
581750
581820
42° 48' 58" N
86° 0' 28" W
4740440
4740510
4740580
4740650
4740720
4740790
4740860
85° 59' 56" W



Map Scale: 1:3,310 if printed on A landscape (11" x 8.5") sheet.
0 45 90 180 270 360
0 150 300 450 600 750 900
Meters
Feet
Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 16N WGS84

MAP LEGEND

	Area of Interest (AOI)		Spoil Area
	Area of Interest (AOI)		Stony Spot
	Soils		Very Stony Spot
	Soil Map Unit Polygons		Wet Spot
	Soil Map Unit Lines		Other
	Soil Map Unit Points		Special Line Features
Special Point Features			
	Blowout		Water Features
	Borrow Pit		Streams and Canals
	Clay Spot	Transportation	
	Closed Depression		Rails
	Gravel Pit		Interstate Highways
	Gravelly Spot		US Routes
	Landfill		Major Roads
	Lava Flow		Local Roads
	Marsh or swamp	Background	
	Mine or Quarry		Aerial Photography
	Miscellaneous Water		
	Perennial Water		
	Rock Outcrop		
	Saline Spot		
	Sandy Spot		
	Severely Eroded Spot		
	Sinkhole		
	Slide or Slip		
	Sodic Spot		

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:15,800.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL:
Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Ottawa County, Michigan
Survey Area Data: Version 20, Sep 4, 2025

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Oct 4, 2022—Nov 7, 2022

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Received: 04/06/26
City of Zeeland, MI

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
AIA	Allendale sandy loam, 0 to 4 percent slopes	23.8	63.6%
ChB	Coloma loamy sand, 0 to 6 percent slopes	3.2	8.5%
GeA	Gladwin sandy loam, 0 to 2 percent slopes	1.6	4.4%
Hg	Hettinger loam	2.1	5.6%
McA	Mancelona loamy sand, 0 to 2 percent slopes	1.8	4.7%
Pn	Pinconning loamy sand	4.9	13.2%
Totals for Area of Interest		37.4	100.0%