

Muskegon County
Solid Waste Planning Committee
May 6, 2019
2:00 p.m.
Microsoft Teams Meeting

Sidney Shaw, Chair

Linda Aerts, Vice Chair

MINUTES

CALL TO ORDER

The meeting was called to order by Commissioner Foster at 2:00 p.m.

ROLL CALL

Present: Linda Aerts, Dan Broersma, William Crabtree, Commissioner Foster, Chris Hall, Jennifer Hodges, Russ Jones, Barbara Marczak, Kerry Rattinger, Sidney Shaw, Doug Wood

Excused: Leo Evans, Wayne Kuerth

Absent: Scott Huebler

Staff

Present: Greg Leverage, Solid Waste Supervisor; Tina Nash, Public Works Coordinator; Matthew Farrar, Public Works Director; Carly Hines, Public Works Finance & Sustainability Administrator

ELECTION OF OFFICERS

Sidney Shaw opened the nominations for Chair of the Solid Waste Planning Committee.

SWPC-20-001 Moved by Doug Wood, seconded by William Crabtree, to nominate Sidney Shaw as Chair of the Solid Waste Planning Committee.

There were no other nominations for Chair.

Voice Vote: **Motion carried**

Chair Shaw presiding

Chair Shaw opened nominations for Vice-Chair of the Solid Waste Planning Committee.

SWPC-20-002 Moved by Commissioner Foster, seconded by Doug Wood, to nominate Linda Aerts as Vice-Chair of the Solid Waste Planning Committee.

There were no other nominations for Vice Chair.

Voice Vote: **Motion carried**

Chair Shaw opened nominations for Secretary of the Solid Waste Planning Committee.

SWPC-20-003 Moved by William Crabtree, seconded by Dan Broersma, to appoint Greg Leverage as Secretary of the Solid Waste Planning Committee.

There were no other nominations for Secretary.

Voice Vote: **Motion carried**

COMMUNICATIONS

A. Letter of Intent/Consistency Application

Reviewed by Chair Shaw with the committee members

APPROVAL OF THE MINUTES

SWPC-20-004 It was moved by Jennifer Hodges, seconded by Kerry Rattinger, to approve the minutes of the May 6, 2019 Solid Waste Planning Committee meeting.

Voice Vote: **Motion carried**

SCHEDULED MATTERS

None

REPORTS OF COMMITTEES

None

OLD BUSINESS

None

NEW BUSINESS

A. Landfill Expansion – Golder Associates Presentation

Chair Shaw read from the bylaws and the responsibilities of this committee.

Greg Leverence provided a background on Golder and their experience working with the County's landfill. Greg Leverence introduced Blaine Litteral and Daniel Schaafsma from Golder. Blaine Litteral presented (attached).

Chair Shaw asked if there's been communication with Egelston Township regarding the expansion. Greg Leverence stated they meet with Egelston Township a few years ago and Egelston Township is aware of the expansion plan for the County.

Doug Wood asked about payments made to Moorland Township. Commissioner Foster explained there are Fire Service Agreements in place for fire protection/emergency medical services provided to the Wastewater site and Solid Waste site. Commissioner Foster stated both Egelston and Moorland are paid equal amounts.

Doug Wood asked if there would be a leak detection system. Blaine Litteral stated there will be as required by Part 115.

Chair Shaw referred to the isolation distance map and asked what the boxes were in reference to. Blaine Litteral explained it was taxable parcels with the property owner's name. Greg Leverence stated properties with domiciles within the required setback distances have been acquired by the County.

Chair Shaw asked if the gas still went to Eagle Alloy and Sun Chemical. Greg Leverence stated that was correct.

Chair Shaw stated this is the beginning phase of a process that will move to the State of Michigan for a detailed review and approval.

B. Consistency Application

SWPC-20-005

It was moved by Doug Wood, seconded by William Crabtree, to approve the Muskegon County Solid Waste Management System Consistency Application dated July 23, 2020 finding it consistent with the provisions of the Muskegon County Solid Waste Plan and further authorize the Chair to draft and sign a letter to the Muskegon County Solid Waste Management System and the Michigan Department of Environment Great Lakes and Energy as notification of consistency.

Voice Vote: **Motion carried**

AUDIENCE PARTICIPATION

None

ADJOURNMENT

There being no further business to come before the Solid Waste Planning Committee the meeting was adjourned at 2:39 p.m.

Sidney Shaw, Chair



GOLDER



Muskegon
COUNTY

Muskegon County SWMS- Proposed Type II Landfill Expansion

MUSKEGON COUNTY SOLID WASTE PLANNING COMMITTEE

August 3, 2020

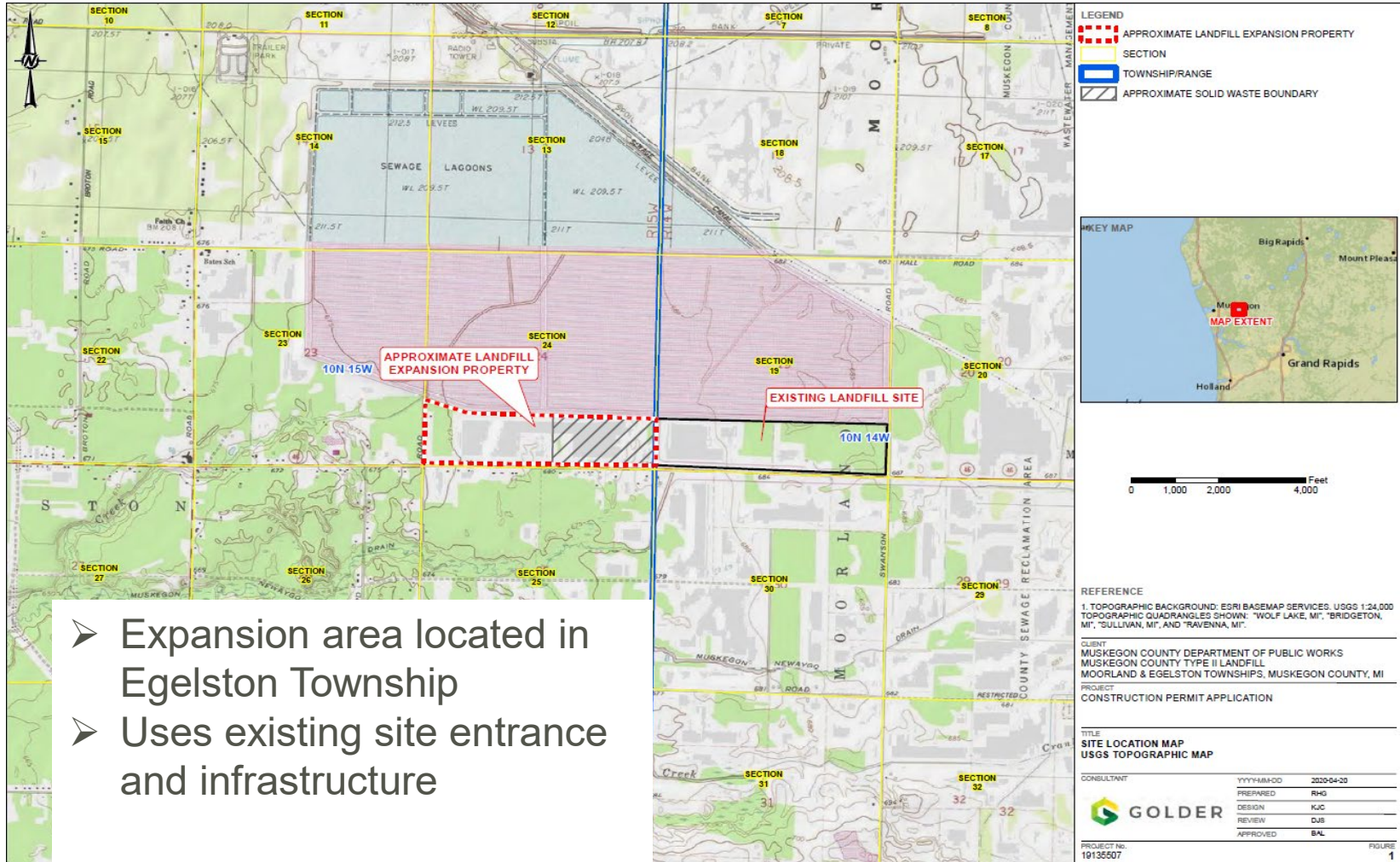
Project Summary

MUSKEGON COUNTY LANDFILL

- Proposed 54-acre lateral expansion west of the existing Muskegon County Landfill
- Consistency review requested to allow a Part 115 Construction Permit Application to be submitted to EGLE

Vicinity Map

MUSKEGON COUNTY LANDFILL



- Expansion area located in Egelston Township
- Uses existing site entrance and infrastructure

Consistency Review Goals

MUSKEGON COUNTY LANDFILL

Determine the Application is Consistent with the 1998 Solid Waste Plan Update Submitted on August 22, 2000, and Subsequently Approved and Modified in a July 12, 2001, letter by the Michigan Department of Environmental Quality

- Lateral expansion of the existing facility
- Confirm operations and related activities
- Document in a Letter of Consistency for the Muskegon County Landfill

Consistency Review Procedure

MUSKEGON COUNTY LANDFILL

Following this meeting presenting the consistency application, the Solid Waste Plan requires the Committee:

- Withing 30 days, determine the application is consistent with the Plan and issue a letter of consistency or notify the applicant that it is inconsistent with the Plan
- If found inconsistent with the Plan, the applicant has 30 days to resubmit a revised application
- The committee has 30 additional days to review the resubmitted plan

Reasons for the Proposed Expansion

MUSKEGON COUNTY LANDFILL

- Provide continued solid waste disposal capacity beyond the current facility to meet Muskegon County's future residential and business needs
- Develop a Modern Disposal Facility Consistent with current state of practice that complies with applicable State and Federal requirements

Project Description

MUSKEGON COUNTY LANDFILL

- Site to be located, designed, constructed, and closed in conformance with Part 115 requirements with regulatory approval
- Operation will be consistent with current facility and subject to regulatory review
- Environmental monitoring will be implemented in conformance with State requirements and subject to regulatory review

Siting Requirements

MUSKEGON COUNTY LANDFILL

- Located on property owned by Muskegon County in Egelston Township and will be the only facility in the Township
- No wetland, 100-year floodplain, lake, stream, public park, game area, or wildlife refuge is located within 300 feet of the proposed landfill
- Property not registered under the Farmland and Open Space Preservation Act

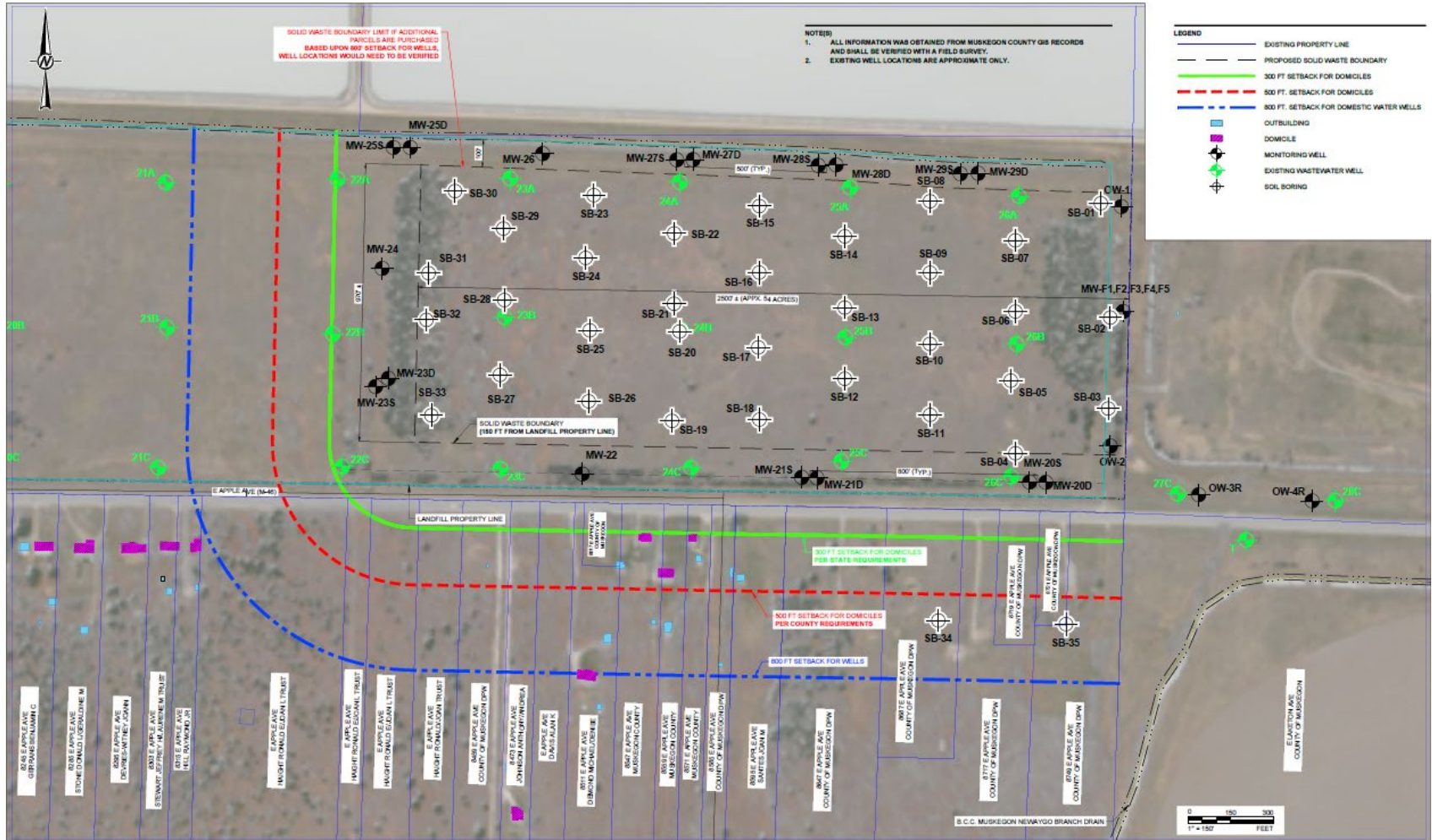
Siting Requirements (continued)

MUSKEGON COUNTY LANDFILL

- Nearest public airport is more than 10,000 feet from the proposed facility
- Property is zoned Agricultural and Resort (R5)
- Site is accessed directly from Apple Avenue, an all-weather paved road, via the facility's existing entrance
- No residence or commercial building is within 500 feet of the facility except buildings owned by the County of Muskegon
- Achieves isolation requirements of Part 115

Proposed Site Plan

MUSKEGON COUNTY LANDFILL



Conceptual Design

MUSKEGON COUNTY LANDFILL

- Site will include a state of practice double composite liner system with a leak detection layer
- Leachate collection and removal system will prevent liquids from building up on the liner
- Final cover system designed to prevent precipitation infiltration and control gas emissions
- Gas collection system to allow continued beneficial use of generated landfill gas
- Stormwater control features to minimize erosion and sedimentation

Operations Summary

MUSKEGON COUNTY LANDFILL

- Proposed expansion will accept Type II MSW
- Existing facilities will remain in use (offices, scale)
- Day to day operations and daily cover procedures will be consistent with current operations
- Collection of landfill gas for beneficial use
- Leachate collection and transferred to WWT facility

Site Monitoring

MUSKEGON COUNTY LANDFILL

- Extensive groundwater monitoring network sampled on a quarterly basis
- Landfill gas monitoring in compliance with air use permit and to prevent accumulation of explosive gases
- Regulatory review of all monitoring data for conformance with applicable regulations

Anticipated Impact on Existing System

MUSKEGON COUNTY LANDFILL

- Provide continued disposal within County boundaries
- Little to no anticipated impact on the existing solid waste recycling, household hazardous waste collection, tire collection, and related management system efforts

Open Discussion



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Thank you!