



NORTHEAST OHIO AREAWIDE COORDINATING AGENCY

MEMORANDUM

TO: NOACA Board of Directors

FROM: Grace Gallucci, Executive Director

DATE: December 4, 2015

RE: **Resolution No. 2015-069 - Update of Boundaries and Prescriptions for Wastewater Treatment for the Facility Planning Areas (FPAs) in Lake County**

ACTION REQUESTED

The Board of Directors is asked to approve proposed changes to the FPA boundaries and prescriptions for wastewater treatment in Lake County as part of a comprehensive update initiated by NOACA for all its counties.

The Water Quality Subcommittee and Planning and Programming Committee recommended this action.

BACKGROUND/JUSTIFICATION FOR CURRENT ACTION

As an areawide water quality management agency, NOACA is contracted by the Ohio EPA to maintain current and accurate wastewater FPA maps for its five-county region. There are two components to NOACA's FPA maps: FPA boundary lines and prescriptions. For wastewater treatment facilities, an FPA boundary defines the area for analysis of various alternatives for the treatment of sewage. Within an FPA, the prescriptions are the wastewater management option(s) detailing the plans on where sewer service will and will not be provided over the next 20 years.

Accuracy of both the FPA boundary lines and prescriptions on NOACA's maps is important because under the Federal Clean Water Act the Ohio Environmental Protection Agency (Ohio EPA) cannot issue a Permit-to-Install (PTI), National Pollutant Discharge Elimination System (NPDES) permit, or Clean Water Act loan or grant that is in conflict with the FPA maps and information found in NOACA's Clean Water 2000 Plan. Therefore, NOACA staff is reviewing and updating all FPA maps to attain parcel-level accuracy for boundaries and prescriptions. The NOACA Board of Directors previously approved a parcel-level accurate update for all of the FPAs in Geauga County (Resolution No. 2013-034) and Medina County (Resolution No. 2015-028).

In developing Lake County's map, geographic information systems (GIS) was utilized to create an initial update of the FPA boundary lines and prescriptions. Other information was used in determining the appropriate location for the FPA updates including watershed boundaries, topography, and existing wastewater infrastructure. The proposed FPA boundary line and prescriptions map was emailed to the wastewater designated management agency (DMA) representing each of the seven FPAs in Lake County. DMAs are entities that operate a publicly owned wastewater treatment works (POTW). Individual meetings were scheduled with all of the DMAs to discuss proposed parcel-level FPA modifications. Based on

information gleaned from each DMA meeting, the proposed FPA boundary lines and prescriptions were updated.

The updated maps were then sent to the Satellite DMAs to review the proposed FPA changes. Satellite DMAs are entities that do not operate a POTW but still conduct wastewater planning within a FPA. Individual meetings were scheduled with the Satellite DMAs to discuss the proposed parcel-level FPA modifications within their jurisdictions. The proposed FPA boundary lines and prescriptions were again updated based on information from the Satellite DMA meetings. The final draft maps were sent back to the DMAs and the Satellite DMAs for a final review. If the DMAs and Satellite DMAs were in agreement with the proposed FPA map changes, each entity signed a letter of acknowledgement of the FPA map's accuracy.

Individual meetings were held with representative from the following Lake County DMAs: Lake County, City of Euclid, City of Painesville, City of Willoughby and the Village of Madison. Individual meetings were also held with representatives from the following Satellite DMAs: City of Eastlake, City of Kirtland, City of Mentor, City of Wickliffe, City of Willoughby Hills, City of Willowick and Village of Waite Hill. Proposed FPA map changes were reviewed with representatives from the Village of Kirtland Hills through email and phone conversations.

Attachment A depicts the current FPA boundary line and prescriptions map for Lake County. Attachment B show the proposed, parcel-level accurate FPA boundary lines and prescriptions. Attachment C contains Lake County Department of Utilities' proposed Supplemental Wastewater Planning Declarations for their "local wastewater planning options" prescription.

Acknowledgement forms have been signed by the Lake County, City of Eastlake, City of Kirtland, City of Mentor, City of Painesville, City of Wickliffe, City of Willowick, City of Willoughby, City of Willoughby Hills, Village of Kirtland Hills, Village of Madison and Village of Waite Hill. NOACA staff did not request a signed acknowledgement form from the City of Euclid for portion of the Euclid FPA in Lake County. The City of Euclid is located in Cuyahoga County and provides wastewater treatment for the Cities of Willowick, Wickliffe and Willoughby Hills in Lake County. The City of Euclid representatives during their individual DMA meeting with NOACA staff stated the City does not have an active sewer planning roll within Lake County. Sewer planning in the Lake County portion of the Euclid FPA is conducted by the Satellite DMAs: Willowick, Wickliffe and Willoughby Hills.

FINANCIAL IMPACT

NOACA's approval of the Lake County FPA map update will not result in any financial impact to NOACA. The changes to the Lake County FPA map have been acknowledged by all the Lake County DMAs to be accurate with regards to the current extent to which each agency provides or intends to provide wastewater management services. No financial impacts were noted by the DMAs in acknowledging the accuracy of the proposed Lake County FPA map.


CONCLUSION/NEXT STEPS

Pending Board approval, NOACA staff will submit the updated Lake County FPA boundaries and prescriptions to the Ohio Environmental Protection Agency.

GG/ea/2881c

Attachment A: Lake County Current Facility Planning Area Boundaries and Prescriptions for Wastewater Treatment

 Current FPA Boundaries

 Jurisdictions

Current Prescriptions (2015)

 Area Currently Sewered

 Sewers Expected Within 20 Years

 Limited Sewers Within 20 Years

 Area To Be Served With On-Site Systems

 Sewer Plan Undeclared

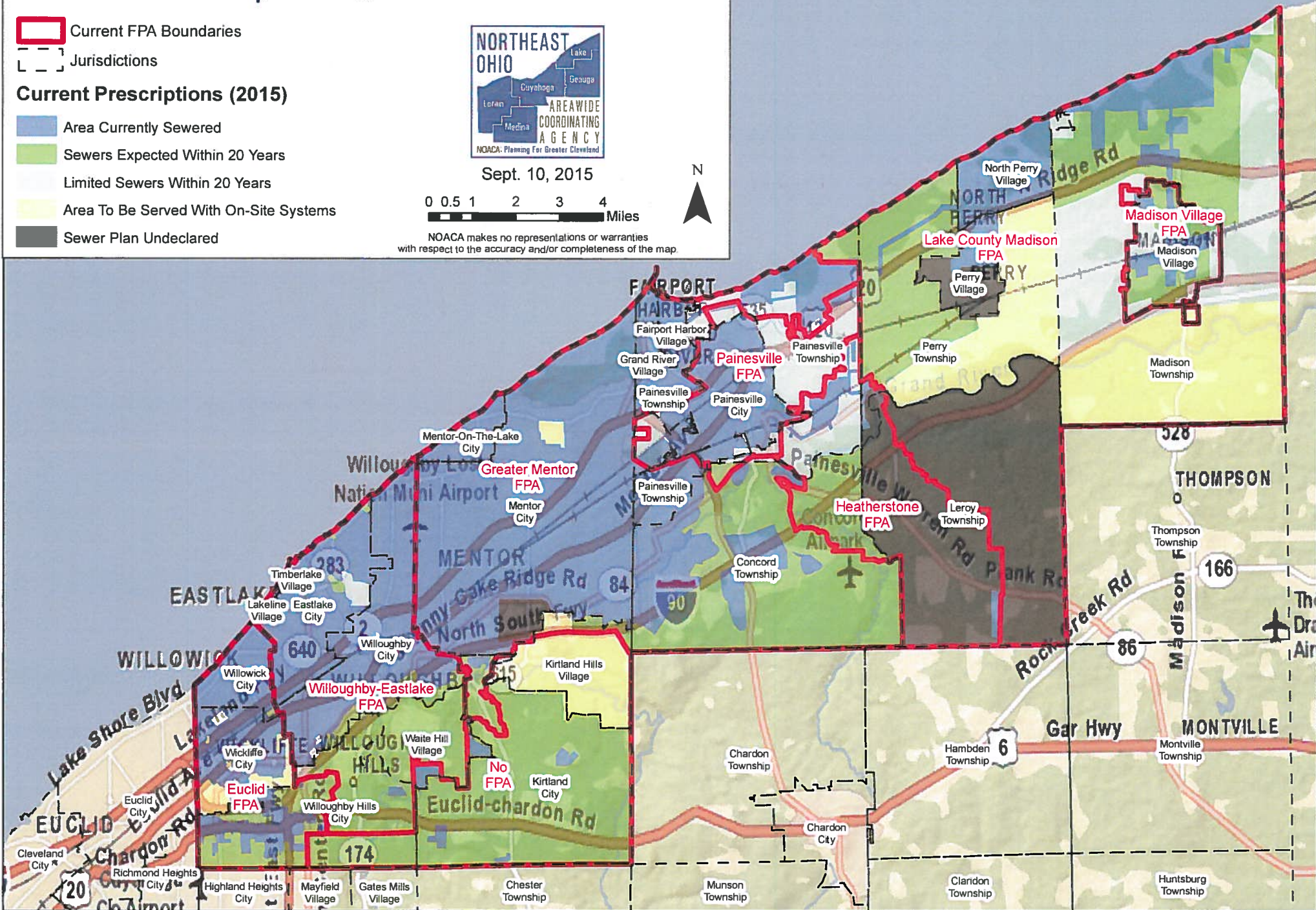


Sept. 10, 2015


0 0.5 1 2 3 4 Miles



NOACA makes no representations or warranties with respect to the accuracy and/or completeness of the map



Attachment B: Lake County New Facility Planning Area Boundaries and Prescriptions for Wastewater Treatment

 New FPA Boundaries (2015)

 Current FPA Boundaries

 Jurisdictions


New Prescriptions (2015)

 Currently Sewered

 Sewers Expected Within 20 Years

 Limited Sewers Likely Within 20 Years

 Local Wastewater Planning Options

 Area Served by On-Site Systems

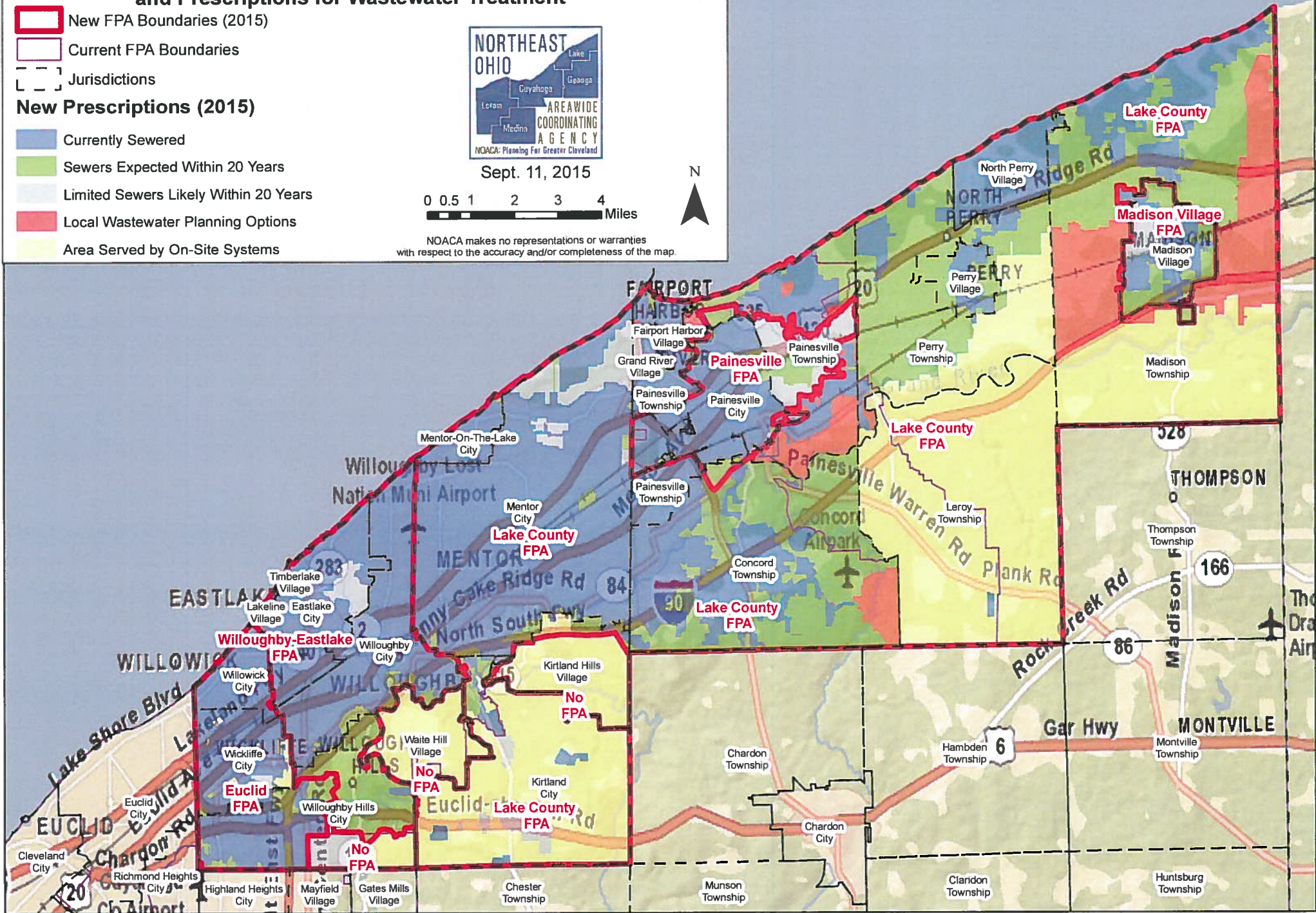


Sept. 11, 2015

0 0.5 1 2 3 4 Miles



NOACA makes no representations or warranties with respect to the accuracy and/or completeness of the map.



Attachment C

**Table 4-4
Supplemental Wastewater Planning Declaration**

Lake County

For unincorporated areas within a Lake County Facility Planning Area (FPA), any new communal systems will not be owned or operated by the Lake County Department of Utilities (LCDU). Communal systems will be owned and operated privately or by a local municipality, such systems must be abandoned when sewers become available and accessible. Any developments within Lake County's "Local Wastewater Planning Options" area would have the choices of:

1. Extending the LCDU sewer system for regional service;
2. Building a communal system owned or operated privately or by a local municipality; or
3. Installing an on-site sewage treatment system(s).

RESOLUTION OF THE BOARD OF DIRECTORS
OF THE
NORTHEAST OHIO AREAWIDE COORDINATING AGENCY

WHEREAS, the Northeast Ohio Areawide Coordinating Agency (NOACA) is the Metropolitan Planning Organization (MPO) for the counties of Cuyahoga, Geauga, Lake, Lorain, and Medina, and the areawide water quality management agency for the same region; and

WHEREAS, *Clean Water 2000*, the current update to the NOACA Section 208 Water Quality Management Plan, was adopted by the NOACA Board of Directors, certified by the Governor of Ohio, and approved by the United States Environmental Protection Agency; and

WHEREAS, *Clean Water 2000* provides for modifications to wastewater treatment facility planning area (FPA) boundaries, subject to review by the NOACA staff, the NOACA Water Quality Subcommittee, and the NOACA Planning and Programming Committee; and

WHEREAS, for wastewater treatment facilities, an FPA boundary defines the area for analysis of various alternatives for the treatment of sewage; and

WHEREAS, within an FPA, the prescriptions for wastewater treatment are the wastewater management option(s) detailing the plans on where sewer service will and will not be provided over the next 20 years; and

WHEREAS, Updates of all FPA boundaries and prescriptions in Lake County has been completed, reviewed and accepted by DMAs in Lake County; and

WHEREAS, the NOACA Water Quality Subcommittee, Planning and Programming Committee and Executive Committee reviewed the transfer request and recommended that the Board of Directors approve the FPA boundary changes.

NOW, THEREFORE, BE IT RESOLVED by the Board of Directors of the Northeast Ohio Areawide Coordinating Agency, consisting of forty-five principal officials serving general purpose local governments throughout and within the counties of Cuyahoga, Geauga, Lake, Lorain, and Medina that:

Section 1. The *Clean Water 2000* Plan's FPA Boundary and Prescriptions for Wastewater Treatment Maps are amended for Lake County as shown in Attachment B.

Section 2. The *Clean Water 2000* Plan's Table 4-4 is amended to include Lake County's Supplemental Wastewater Planning Declarations as shown in Attachment C.

Section 3. The Executive Director is authorized to submit the new boundaries to Ohio EPA for certification by the Governor.

Section 4. The Executive Director is authorized to transmit certified copies of this resolution to appropriate federal, state, and local agencies.

Certified to be a true copy of a Resolution of the Board of Directors of the Northeast Ohio Areawide Coordinating Agency adopted this 11th day of December 2015.

Secretary: 

Date Signed: 12-11-15