TO: NOACA Board of Directors  
FROM: Grace Gallucci, Executive Director  
DATE: March 2, 2018  

**ACTION REQUESTED**
The Board of Directors is asked to approve the Facility Planning Area (FPA) Modification requested by the Northeast Ohio Regional Sewer District (NEORSD) in the Village of Moreland Hills. Specifically, the item will:

- Add all or part of 23 parcels (49.2 acres) currently not within an FPA to the NEORSD – Heights Hilltop FPA; and
- Change the Prescriptions for Wastewater Treatment (Prescriptions) for the parcels within the modification area to make sanitary sewer connections consistent with the Clean Water 2000 Plan (208 Plan).

The Water Quality Subcommittee and Planning and Programming Committee support this recommendation.

**BACKGROUND/JUSTIFICATION FOR CURRENT ACTION**
The Village of Moreland Hills requests a boundary modification to allow for the extension of sewers to a proposed 58-unit development along Chagrin Boulevard. The modification would add all or part of 23 parcels covering 49.2 acres into the NEORSD – Heights Hilltop FPA. The proposed modification area does not currently reside within an FPA (Attachment A). Under the federal Clean Water Act, all sanitary sewer connections must be within the FPA of the publicly owned treatment works (POTW) that treats the wastewater.

The FPA modification request also includes a change to the Prescriptions to allow for sanitary sewer connections within the area added to the NEORSD – Heights Hilltop FPA. The current prescription for the parcels is “area served by on-site systems” (Attachment A). The proposed prescription is “sewers expected within 20 years” which will allow for sewer connections within the entire modification area (Attachment B).

The affected jurisdictions of this FPA modification request are the Village of Moreland Hills and NEORSD. Moreland Hills and NEORSD have an existing sanitary sewer service agreement that allows for properties within the village to connect to the NEORSD sewerage system. NEORSD submitted the attached letter supporting the Village’s FPA modification request (attached). This letter fulfills the notification requirements in Policy 4-6 in the 208 Plan.
FINANCIAL IMPACT
NOACA's approval of the boundary change will not result in any financial impact to NOACA.

CONCLUSION/NEXT STEPS
Pending Board approval, NOACA staff will submit the updated FPA boundaries to Ohio EPA.

GG/ea/3003b
ATTACHMENT A: CURRENT FACILITY PLANNING AREA (FPA) BOUNDARY AND PRESCRIPTIONS FOR WASTEWATER TREATMENT IN THE VILLAGE OF MORELAND HILLS

Current Prescriptions for Wastewater Treatment

- Currently Sewered
- Sewers Expected Within 20 Years
- Limited Sewers Likely Within 20 Years
- Local Wastewater Planning Options
- Area Served by On-Site Systems
- Sewer Plans Undeclared
ATTACHMENT B: PROPOSED FACILITY PLANNING AREA (FPA) BOUNDARY AND PRESCRIPTIONS FOR WASTEWATER TREATMENT IN THE VILLAGE OF MORELAND HILLS

Proposed Prescriptions for Wastewater Treatment

- Currently Sewered
- Sewers Expected Within 20 Years
- Limited Sewers Likely Within 20 Years
- Local Wastewater Planning Options
- Area Served by On-Site Systems
- Sewer Plans Undeclared
November 27, 2017

Ms. Grace Gallucci
Executive Director
NOACA
1299 Superior Avenue
Cleveland, Ohio 44114-3204

Re: NEORSD – Heights-Hilltop Facilities Planning Area (FPA) Modification

Dear Ms. Gallucci:

To accommodate the extension of sanitary sewer service within the Village of Moreland Hills, the village has requested the addition of the following 23 parcels, currently in a "no planning" area and shown in the attached Exhibit A, to the NEORSD Heights-Hilltop Facilities Planning Area:

- PPN 912-01-001
- PPN 912-01-002
- PPN 912-01-003
- PPN 912-01-004
- PPN 912-01-005
- PPN 912-01-006
- PPN 912-01-007
- PPN 912-01-008
- PPN 912-01-009
- PPN 912-01-011
- PPN 912-01-012
- PPN 912-02-001
- PPN 912-02-002
- PPN 912-02-003
- PPN 912-02-004
- PPN 912-02-005
- PPN 912-02-006
- PPN 912-02-007
- PPN 912-02-008
- PPN 912-02-009
- PPN 912-02-010
- PPN 912-02-013
- PPN 912-02-028

The NEORSD supports the proposed modification and affirms that it poses no conflict with any existing service agreement between NEORSD and its member communities in the area. If you have any questions or if you should need additional information, please contact Mary Maciejowski at (216) 881-6600, ext. 6466.

Sincerely,

Kyle Dreyfuss-Wells
Chief Executive Officer

cc:
Frank Greenland, NEORSD
David Ritter, NEORSD
Mary Maciejowski, NEORSD

Attachment:
Exhibit A
NEORSD - Heights-Hilltop Facilities Planning Area (FPA) Proposed Boundary Modification Map

23 Parcels North of Chagrin Boulevard to be Added to the FPA
Facility Planning Area (FPA) Amendment Request Form

Applicant:
Village of Moreland Hills

FPA Amendment Type:
The applicant requests a change to the Northeast Ohio Regional Sewer District (NEORSD) – Heights Hilltop FPA Boundary and Prescriptions for Wastewater Treatment (Prescriptions) within the Village of Moreland Hills.

Location:
The FPA modification areas is located north of Chagrin Boulevard and east of the village’s jurisdictional boundary with the City of Pepper Pike (Attachment A).

Transferring From:
Non-FPA

Transferring To:
NEORSD – Heights Hilltop FPA

Total Acres:
49.2 acres

Total Parcels:
All or part of 23 parcels

Prescriptions Change Summary:
The applicant would like to change the Prescription within the FPA modification area to allow for the connection of sanitary sewer.

List of Affected Parties:
Designated Management Agency (DMA) – NEORSD
Satellite DMA – Village of Moreland Hills
208 Plan Consistency Review

Facility Planning Area Review - Applicant Needs to Solicit Support from Affected Parties

☐ Applicant is the Designated Management Agency for all of the affected area.

✔ Applicant is not the Designated Management Agency for all or part of the affected area
  ✔ Applicant has secured the approval of the entity or entities that are.
  ☐ Applicant has not secured the approval of the entity or entities that are.

Service Extension/Community Plan Review – Amendment Should be Consistent with the Prescriptions for Wastewater Treatment*

☐ Applicant does not propose the extension of any sewer service.
  ☐ The proposed project is limited to sewer system rehabilitation work.
  ☐ The proposed project is limited to a plant expansion or modification to better handle wet weather flow volumes

✔ Applicant does propose the extension of sewer service to an area lying entirely within the established facility planning area of the project sponsor.
  ☐ The proposed extension is consistent with the current Prescriptions for Wastewater Treatment for the affected area.
  ☐ The proposed extension is not consistent with the current Prescriptions for Wastewater Treatment for the affected area.
  ✔ The applicant proposes new Prescriptions for Wastewater Treatment for the affected area.

☐ Another entity proposes the extension of sewer service to an area lying entirely within the established facility planning area(s).
  ☐ The proposed extension is consistent with the current Prescriptions for Wastewater Treatment for the affected area.
  ☐ The proposed extension is not consistent with the current Prescriptions for Wastewater Treatment for the affected area.
  ☐ The applicant proposes new Prescriptions for Wastewater Treatment for the affected area.

Plant Expansion Review (if applicable)

☐ The application involves a plant capacity expansion that is consistent with extant population projections included in the Clean Water 2000 Plan as most recently updated.

☐ The application involves a plant capacity expansion that is not consistent with extant population projections included in the Clean Water 2000 Plan as most recently updated.
  ☐ The applicant has provided information that has sufficiently resolved any population project discrepancy.
  ☐ The applicant has not provided information that sufficiently resolved the population projection discrepancy.

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*Prescriptions for Wastewater Treatment are referred to as Community Plans for Wastewater Treatment in the Clean Water 2000 plan.
Staff Comments:
The Village of Moreland Hills requests an FPA Boundary and Prescriptions modification in order to extend NEORSD sewerage system to serve a proposed 58-unit residential development along Chagrin Boulevard. The proposed FPA modification area is currently not within an FPA and has the Prescription of “area served by on-site systems.” This Prescription does not allow for extension of sanitary sewers.

Moreland Hills and NEORSD have an existing sanitary sewer service agreement which allows for the connection of properties within the village to NEORSD’s system. NEORSD submitted a letter of support for the modification request (attached). Sewers serving the proposed transfer area will connect to an existing Moreland Hills pump station near Som Center Road by a new sanitary sewer line extended east along Chagrin Boulevard. Under an existing sanitary sewer service agreement between Moreland Hills and Pepper Pike, the wastewater will be pumped from the Som Center Road pump station to the NEORSD Heights Hilltop Interceptor sewer through Pepper Pike’s sewerage system. There is sufficient capacity to convey and treat the wastewater from the proposed FPA modification area.

Staff Disposition:
The staff recommends approval of the proposed FPA modifications in the Village of Moreland Hills. The FPA Boundary and Prescriptions changes will allow for sanitary sewers to serve a proposed 58-unit residential development along Chagrin Boulevard. The expansion of sanitary sewers is allowed under existing agreements between Moreland Hills and NEORSD, and Moreland Hills and Pepper Pike. The NEORSD has submitted a letter of support for the proposed FPA modifications. There is sufficient conveyance and treatment capacity for the additional flow from the transfer area.

Water Quality Subcommittee Disposition:
Recommended for approval at the December 15, 2017, meeting. The Subcommittee members requested NOACA staff clarify statements within the FPA Amendment Request Form. The statements referred to the wastewater conveyance capacity from the proposed FPA modification area to the NEORSD Heights Hilltop Interceptor sewer via the Pepper Pike sewerage system.

NOACA staff confirmed with the Village of Moreland Hills and the City of Pepper Pike that the wastewater flow from the proposed FPA modification area will be directed to a portion of their sewerage systems that has excess conveyance capacity. The original plan was to convey the wastewater from the proposed FPA modification area through a portion of Pepper Pike’s system with capacity issues. However, that plan was revised to direct the flow away from this area and to a section of Pepper Pike’s system with adequate capacity.

Planning and Programming Committee Disposition:
Recommended for approval at the January 2018 meeting

Executive Committee Disposition:
Action Item on the February 2018 agenda

Board of Directors Disposition:
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, Medina, the City of Cleveland 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, the Northeast Ohio Regional Sewer District (NEORSD), with the support of the Village of Moreland Hills, proposes a modification of the FPA boundary, and modify the Prescriptions for Wastewater Treatment (Prescriptions) for the parcels within the modification area to make sanitary sewer connections consistent with the Clean Water 2000 Plan (208 Plan); and

WHEREAS, the FPA boundary change will transfer all or portions of 23 parcels (49.2 acres) currently not within an FPA to the NEORSD - Heights Hilltop FPA, and the proposed prescription is "sewers expected within 20 years" which will allow for sewer connections within the entire modification; and

WHEREAS, the NOACA Water Quality Subcommittee and the Planning and Programming Committee reviewed the request and recommended that the Board of Directors approve the modification request.

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, Medina, and the City of Cleveland that:

Section 1. The Clean Water 2000 Plan's FPA Boundary Map is amended to reflect the transfer of all or portions of 23 parcels (49.2 acres) currently not within an FPA to the NEORSD – Heights Hilltop FPA, and change the Prescriptions for Wastewater Treatment (Prescriptions) for the parcels within the modification area as shown in attachment B.

Section 2. The Executive Director is authorized to submit the new boundaries and prescriptions to Ohio EPA for certification by the Governor.

Section 3. 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 9th day of March 2018.

Secretary: ______________________

Date Signed: 3-9-18