

October 18, 2001

Mr. Keith Riley
Ohio EPA-NEDO
2110 E. Aurora Road
Twinsburg, Ohio 44087

SUBJECT: NEFCO approval of the Akron Facilities Plan (201) Update for a portion of the Yellow Creek Service Area in Bath Township in Summit County which consists of the abandonment of the Colony Hills package plant (#26)

Dear Mr. Riley:

Enclosed for your records and use is the signed resolution from the NEFCO General Policy Board indicating its approval of the Akron Facilities Plan (201) update for a portion of the Yellow Creek Service Area in Bath Township in Summit County which consists of the abandonment of the Colony Hills package plant (#26). Also included are NEFCO's Clean Water Plan Consistency Review, the areas's wastewater prescription, and letters of support.

Thank you for your assistance in this process.

Sincerely,

Joseph Hadley, Jr.
Executive Director

JH:rlm

pc: Mr. Demboski
Mr. Kidder
Bath Township Trustees
Bath Water and Sewer District

Enclosure

**RESOLUTION OF THE GENERAL POLICY BOARD OF THE NORTHEAST OHIO
FOUR COUNTY REGIONAL PLANNING AND DEVELOPMENT ORGANIZATION
(NEFCO) APPROVING AN UPDATE TO THE AKRON FACILITIES PLAN (201)
UPDATE FOR A PORTION OF THE YELLOW CREEK SERVICE AREA IN BATH
TOWNSHIP IN SUMMIT COUNTY, OHIO TO CONSIST OF THE ABANDONMENT OF
THE COLONY HILLS PACKAGE PLANT (#26)**

WHEREAS, NEFCO is the designated water quality management planning agency for Portage, Stark, Summit and Wayne Counties; and

WHEREAS, as part of that designation it is NEFCO's responsibility to coordinate the use and update of its Clean Water Plan, also known as the 208 Plan; and

WHEREAS, NEFCO has been requested by the Summit County Department of Environmental Services to consider an update to the Akron Facilities Plan (201) for a portion of the Yellow Creek Service Area in Bath Township in Summit County, Ohio; and

WHEREAS, the Ohio Environmental Protection Agency (Ohio EPA) is requiring NEFCO's approval of this as a condition for issuing permits in the Akron Facilities Planning Area; and

WHEREAS, the City of Akron, the Bath Water and Sewer District, and the Bath Township Trustees have approved this update; and

WHEREAS, the NEFCO staff have reviewed this request using approved 208 Plan consistency criteria and found that the amendment would update the 201 facilities plan's "prescriptions for wastewater disposal and treatment" for this portion of the Yellow Creek Service Area in Bath Township; and

WHEREAS, the NEFCO Environmental Resources Technical Advisory Committee (ERTAC) performed a technical review of this request and recommended conditional approval, and the condition has been met;

NOW, THEREFORE, BE IT RESOLVED that the NEFCO General Policy Board approves the Update to the Akron Facilities Plan (201) for a portion of the Yellow Creek Service area in Bath Township in Summit County. Furthermore, the Board directs staff to incorporate this into NEFCO's Clean Water Plan and to transmit this to the Summit County Department of Environmental Services, the City of Akron, the Bath Township Trustees, the Bath Water and Sewer District, and the Ohio EPA.

Certified as action taken by the NEFCO
General Policy Board at its regular
meeting held on October 17, 2001

Jim Bowe, Secretary
NEFCO General Policy Board

**AKRON FACILITIES PLAN (201) UPDATE
FOR THE YELLOW CREEK SERVICE AREA IN BATH TOWNSHIP,
SUMMIT COUNTY, OHIO***

OCTOBER 2, 2001

Introduction

On October 18, 1972, the Federal Water Pollution Control Act (FWPCA) Amendment (also known as the Clean Water Act), Public Law 92-5000, was passed by the United States Congress. The law, its amendments, and the programs derived from its statutes established a national water quality policy for the United States. Section 201 of Title 11 of the Act required, in part, communities to study and make recommendations for the proper development and implementation of wastewater management plans and practices to achieve the goals of the Act.

Area boundaries were drawn by local and area-wide planning agencies to determine the facilities planning area for the study and evaluation of existing and proposed water pollution control facilities. Within each Facilities Plan, studies were made to determine how the sanitary wastewater would be disposed of from an area wide concept. Conclusions were drawn based on sanitary sewer availability, federal grant eligibility, population projections, etc. With the loss of grant availability and the passage of time alterations in the conclusions must be presented.

The Akron Facilities Planning Area (FPA) was established in this manner, and for the many smaller study areas within the facilities plan, different conclusions were reached. One of these smaller areas, designated as the Yellow Creek Service Area (YCSA), encompasses the subject area of this 201 Update. In 1978, the Akron Facilities Plan western boundary had been established to generally coincide with the YCSA boundary and the general conclusion for wastewater disposal in this area was managed Home Septic Disposal Systems (HSDS's). Please refer to Figure 1 for delineation of the YCSA boundaries. With the passage of over 20 years, it is now time to re-visit this conclusion reached in the original facilities plan.

The Yellow Creek Service Area

The 1976 Akron-Summit County Yellow Creek Service Area agreement provided for eventual sewer service into the City of Akron the lands generally in the Yellow Creek drainage basin within Summit County. The only area implemented in this agreement has been the Montrose developmental area with some residential developments west of Interstate Route 77 in both Copley and Bath Townships. Other than the county's three wastewater treatment plants in this drainage basin, all sewered areas are served by Summit County's Pump Station 28 behind Dick's Sporting Goods Store in Copley Township. This pump station discharges through a master meter into the City of Fairlawn sewer system through a trunk sewer as identified in the Akron Facilities Plan as the "Spagnuolo Relief Sewer" which eventually flows into the Akron Water Pollution Control Station on Akron-Peninsula Road for treatment.

Purpose

The purpose of this 201 Update is to update the facilities plan for a smaller area within the original YCSA, please refer to Figures 2 and 3. In the area of study presented below, Summit County is serving portions of Bath Township by way of agreement with the City of Akron (mentioned above) and with two County-owned wastewater treatment plants. The original recommendations in the Akron Facilities Plan was to serve the area with HSDS's because it was not cost effective to extend sewers west of I-77 and the low population did not justify a federal grant under the FWPCA. This 201 Update will propose the abandonment of WWTP 26 in Bath Township and be replaced with a pump station to send wastewater from the residential subdivision in a new force main directly west to an existing gravity sewer. The population served will be the existing residential users of the sewer system in the subdivision currently served by WWTP 26.

Understanding the Service Area

In 1978, at the time of the presentation of the Akron Facilities Plan, sanitary sewers were generally only available to lands east of Interstate 77. These sewers were, and are today, owned and operated by Summit

*provided by the County of Summit Department of Environmental Services (DOES)

County. Wastewater disposal and treatment is undertaken by the City of Akron under agreement with Summit County mentioned earlier as the Yellow Creek Service Area Agreement. The only notable exceptions to sewer service west of I-77 in 1978 are the three publicly-owned package treatment plants (POTW's):

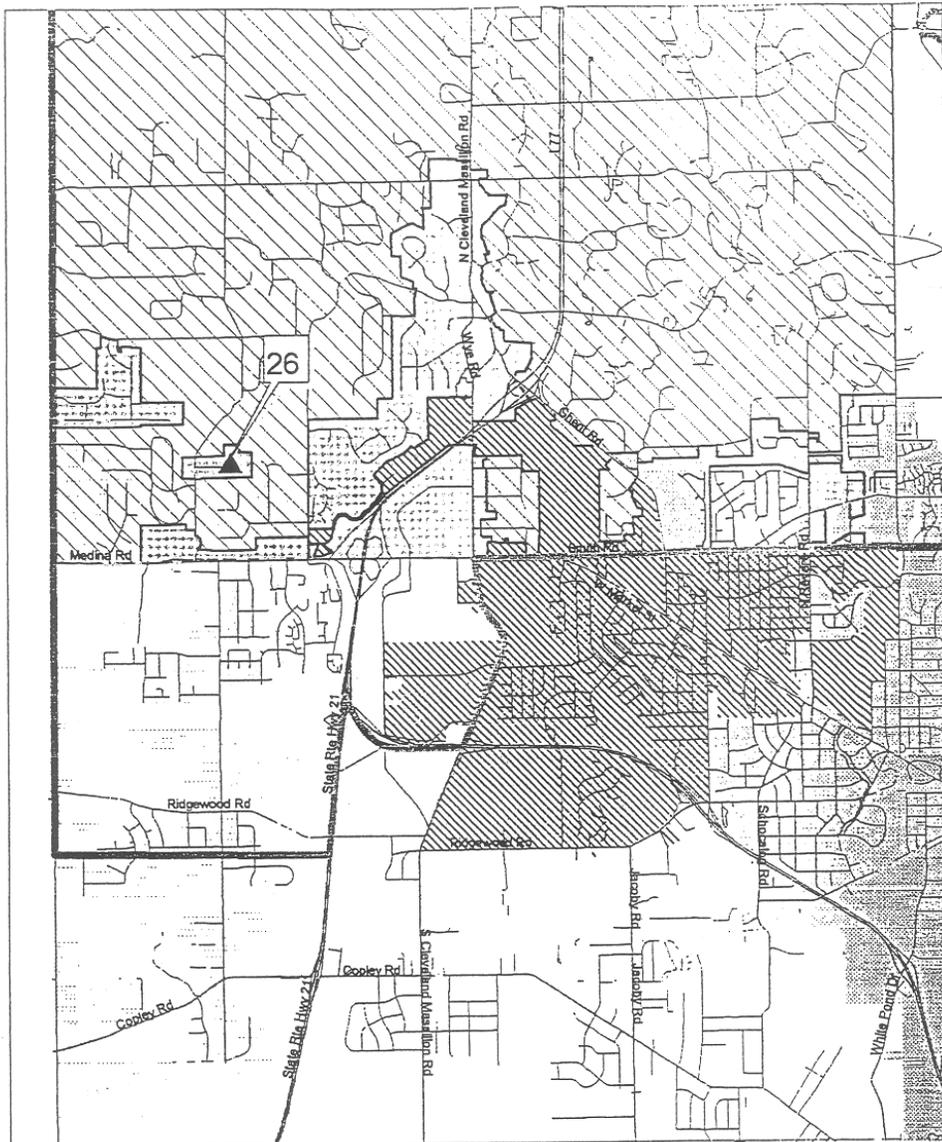
1. Summit County's Robinwood Hills Plant 42
2. Summit County's Colony Hills Plant 26
3. Summit County's Westmont Woods Plant 45 (approved to be abandoned 1/01)

In 1980, several developers agreed to be assessed for a publicly financed sewer extension crossing the I-77 interchange. The sewer proposal was studied, designed, and constructed by Summit County and fully assessed to the developers. Since that time, many sewer extensions have been constructed by the private sector making it possible to abandoned existing package plants

Prescription for Servicing the Colony Hills Subdivision in Bath Township

It is the intent of Summit County to assure that waterways (such as Yellow Creek), lakes and ponds are protected from wastewater-related pollution. In this endeavor, it is the further intent of Summit County to abandon the existing Colony Hills WWTP by routing the wastewater flow to an existing sanitary sewer with capacity sufficient to accommodate said abandonment. Said abandonment shall be such that the wastewater generated from the Colony Hills Subdivision will be treated at the Akron WWTP.

Subject Area for Akron Facilities Plan Update



County POTW's

- ▲ 26 Colony Hills
- ▭ Yellow Creek Service Area
- ▨ BWSDFPA Update Area
- ▤ Subject Area for AFP Update

Municipalities

- ▧ Akron
- ▩ Fairlawn



4000 0 4000 Feet

1:60000

Prepared by
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 Department of Environmental Services
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Figure 3

October, 2001