The Ohio Public Works Commission
65 East State Street, Suite 312, Columbus, Ohio 43215 Phone (614) 466-0880

APPLICATION FOR FINANCIAL ASSISTANCE

Revised 7/93 CB14A

IMPORTANT: **Applicant should consult the "Instructions for Completion of Project Application" for assistance in the proper completion of this form.**

SUBDIVISION: *Hamilton County* CODE#*061-00061*

DISTRICT NUMBER: *2* COUNTY: *Hamilton* DATE *9 / 23 / 96*

CONTACT: *Joseph P. Niehaus* PHONE # *(513) 557-7102*
(THE PROJECT CONTACT PERSON SHOULD BE THE INDIVIDUAL WHO WILL BE AVAILABLE ON A DAY-TO-DAY BASIS DURING THE APPLICATION REVIEW AND SELECTION PROCESS AND WHO CAN BEST ANSWER OR COORDINATE THE RESPONSE TO QUESTIONS)

PROJECT NAME: *Sewer System Improvements*

SUBDIVISION TYPE
(Check Only 1)
__1. County
__2. City
__3. Township
__4. Village
X 5. Water/Sanitary District (Section 6119 O.R.C.)

FUNDING TYPE REQUESTED
(Check All Requested & Enter Amount)
__1. Grant $_____
__2. Loan $_____
X 3. Loan Assistance $ *500,000.00*
MBE SET-ASIDE OFFERED
Construction $_____
Procurement $_____

PROJECT TYPE
(Check Largest Component)
__1. Road
__2. Bridge/Culvert
__3. Water Supply
X 4. Wastewater
__5. Solid Waste
__6. Stormwater

TOTAL PROJECT COST: $ *500,000.00* **FUNDING REQUESTED:** $ *500,000.00*

DISTRICT RECOMMENDATION

To be completed by the District Committee ONLY

GRANT: $_____
LOAN: $_____

LOAN ASSISTANCE: $ 500,000.00
%_____ TERM:_____ yrs. (Attach Loan Supplement)

(Check Only 1)
X State Capical Improvement Program
___Local Transportation Improvements Program
___Small Government Program

DISTRICT MBE SET-ASIDE
Construction $_____
Procurement $_____

FOR OPWC USE ONLY

PROJECT NUMBER: C_____/C_____
Local Participation _____%
OPWC Participation _____%
Project Release Date: ___/___/___
OPWC Approval: _____

APPROVED FUNDING: $_____
Loan Interest Rate: _____
Loan Term: _____years
Maturity Date: _____
Date Approved: ___/___/___

1.0 PROJECT FINANCIAL INFORMATION

1.1 PROJECT ESTIMATED COSTS:

(Round to Nearest Dollar)

			MBE $	Force Account $
a.)	Project Engineering Costs:			
	1. Preliminary Engineering	$_____.00	_____	_____
	2. Final Design	$_____.00	_____	_____
	3. Other Engineer Services *	$_____.00	_____	_____
	Supervision	$_____.00		
	Miscellaneous	$_____.00		
b.)	Acquisition Expenses:			
	1. Land	$_____.00		
	2. Right-of-Way	$_____.00		
c.)	Construction Costs:	$ 500,000 .00	_____	_____
d.)	Equipment Purchased Directly:	$_____.00	_____	
e.)	Other Direct Expenses:	$_____.00	_____	_____
f.)	Contingencies:	$_____.00	_____	
g.)	**TOTAL ESTIMATED COSTS:**	$ 500,000 .00		

1.2 PROJECT FINANCIAL RESOURCES:

(Round to Nearest Dollar and Percent)

			%
a.)	Local In-Kind Contributions	$_____.00	_____
b.)	Local Public Revenues	$_____.00	_____
c.)	Local Private Revenues	$_____.00	_____
d.)	Other Public Revenues		
	1. ODOT PID# _____	$_____.00	_____
	2. EPA/OWDA	$_____.00	_____
	3. OTHER	$_____.00	_____
SUB TOTAL LOCAL RESOURCES:		$_____.00	_____
e.)	OPWC Funds		
	1. Grant	$_____.00	_____
	2. Loan	$_____.00	_____
	3. Loan Assistance	$ 500,000 .00	100%
SUB TOTAL OPWC RESOURCES:		$ 500,000 .00	
f.)	**TOTAL FINANCIAL RESOURCES:**	$ 500,000 .00	100%

*Other Engineer's Services must be outlined in detail on the required certified engineer's estimate.

1.3 AVAILABILITY OF LOCAL FUNDS:

Attach a summary from the Chief Financial Officer listed in section 5.2 listing all local share funds budgeted for the project and the date they are anticipated to be available.

2.0 PROJECT INFORMATION

IMPORTANT: If project is multi-jurisdictional, information must be consolidated in this section.

2.1 PROJECT NAME: *Sewer System Improvements*

2.2 BRIEF PROJECT DESCRIPTION - (Sections a through d):

a: SPECIFIC LOCATION:

Loan assistance to be used for wastewater improvement projects located throughout Hamilton County and the Greater Cincinnati area. Specific locations are identified in the 5 year CIP for 1996.

PROJECT ZIP CODE: *45204*

b: PROJECT COMPONENTS:

Projects are rehabilitation/repair of existing infrastructure including repairing WWTP and collection system facilities under the jurisdiction of MSDGC.

c: PHYSICAL DIMENSIONS / CHARACTERISTICS:

The projects follow the characteristics outlined in the 5 year CIP and 2 year maintenance effort for projects in 1996 and include repairs to existing collection system and treatment facilities of MSDGC.

d: DESIGN SERVICE CAPACITY:

IMPORTANT: Detail shall be included regarding current service capacity vs proposed service level. If road or bridge project, include ADT. If water or wastewater project, include both current residential rates based on monthly usage of 7,756 gallon per household. Attach current rate ordinance.

Based on monthly rate 7,756 gallons per month per household

7,756 gallons/month x cu ft/7.48 gallons = 1,037 cu ft/month

500 cu ft flat rate	=	*$ 14.80*
1,037 - 500 cu ft = 537 cu ft/100 cu ft x $1.52	=	*$ 8.16*
Total monthly rate	=	*$ 22.96*

Daily average wastewater flows of MSDGC equal 170 MGD. Improvements to MSDGC's sanitary sewer system and facilities must be made in order to comply with the Environmental Protection Agency's law regarding CSOs into the surrounding watershed and other compliance issues facing MSDGC.

2.3 USEFUL LIFE / COST ESTIMATE:

Project Useful Life: *40* **Years.**

Attach Registered Professional Engineer's statement, with original seal and signature certifying the project's useful life indicated above and estimated cost.

3.0 REPAIR/REPLACEMENT or NEW/EXPANSION:

TOTAL PORTION OF PROJECT REPAIR/REPLACEMENT	$500,000.00	100 %
State Funds Requested for Repair and Replacement	$500,000.00	100 %
TOTAL PORTION OF PROJECT NEW/EXPANSION	$_____	__%
State Funds Requested for New and Expansion	$_____	__%

4.0 PROJECT SCHEDULE:*

		BEGIN DATE	END DATE
4.1	Engineering/Design:	1 / 1 / 97	4 / 1 / 97
4.2	Bid Advertisement:	8 / 1 / 97	9 / 30 / 97
4.3	Construction:	12 / 1 / 97	12 / 31 / 98

* Failure to meet project schedule may result in termination of agreement for approved projects. Modification of dates must be approved in writing by the Commission once the Project Agreement has been executed. Dates should assume project agreement approval/release on July 1st. of the Program Year applied for.

5.0 APPLICANT INFORMATION:

5.1 CHIEF EXECUTIVE OFFICER: Mr. David J. Krings
TITLE: Hamilton County Administrator
STREET: County Administration Building, Room 603
138 E. Court Street
CITY/ZIP: Cincinnati, Ohio 45202
PHONE: (513) 632 - 8225
FAX: (513) 632 - 5797

5.2 CHIEF FINANCIAL OFFICER: Mr. Raymond J. Fern
TITLE: Director of Budget and Research
STREET: County Administration Building, Room 607
138 E. Court Street
CITY/ZIP: Cincinnati, Ohio 45202
PHONE: (513) 632 - 8888
FAX: (513) 632 - 5797

5.3 PROJECT MANAGER: Mr. Thomas J. Quinn
TITLE: Director - Metropolitan Sewer District
STREET: 1600 Gest Street
CITY/ZIP: Cincinnati, Ohio 45204
PHONE: (513) 244 - 5121
FAX: (513) 244 - 1399

6.0 ATTACHMENTS/COMPLETENESS REVIEW:

Check each section below, confirming that all required information is included in this application.

_X_ A certified copy of the legislation by the governing body of the applicant authorizing a designated official to submit this application and execute contracts. **(Attach)**

_X_ A summary from the applicant's Chief Financial Officer listing all local share funds budgeted for the project and the date they are anticipated to be available. **(Attach)**

_X_ A registered professional engineer's estimate of projects useful life and cost estimate, as required in 164-1-14 and 164-1-16 of the Ohio Administrative Code. Estimates shall contain engineer's original seal and signature. **(Attach)**

_NA_ A copy of the cooperation agreement(s) if this project involves more than one subdivision or district.**(Attach)**

_X_ Capital Improvements Report: (Required by 164 O.R.C. on standard form)

- _X_ A: Attached.
- ___ B: Report/Update Filed with the Commission within the last twelve months.

_NA_ Floodplain Management Permit: Required if project is in 100 year floodplain. See Instructions.

_X_ Supporting Documentation: Materials such as additional project description, photographs, economic impact (temporary and/or full time jobs likely to be created as a result of the project), and other information to assist your district committee in ranking your project.

7.0 APPLICANT CERTIFICATION:

The undersigned certifies that: (1) he/she is legally authorized to request and accept financial assistance from the Ohio Public Works Commission; (2) that to the best of his/her knowledge and belief, all representations that are part of this application are true and correct; (3) that all official documents and commitments of the applicant that are part of this application have been duly authorized by the governing body of the applicant; and, (4) should the requested financial assistance be provided, that in the execution of this project, the applicant will comply with all assurances required by Ohio Law, including those involving minority business utilization, Buy Ohio, and prevailing wages.

IMPORTANT:**Applicant certifies that physical construction on the project as defined in the application has NOT begun, and will not begin until a Project Agreement on this project has been executed with the Ohio Public Works Commission. Action to the contrary will result in termination of the agreement and withdrawal of Ohio Public Works Commission funding of the project.**

Thomas J. Quinn

Certifying Representative (Type or Print Name and Title)

Thomas J. Quinn 9/26/96

Signature/Date Signed

STATEMENT

Registered Professional Engineer

Treatment facilities and sewer system improvements will include projects located throughout Hamilton County and the Greater Cincinnati area. Specific locations are identified in the 5 year CIP for 1996. Projects will include rehabilitation/repair of existing infrastructure including repairing WWTP and collection system facilities under the jurisdiction of MSDGC. The estimated Bond Insurance on $60,000,000 and the estimated Interest during the one year of construction plus one year after is approximately $500,000.

Joseph P. Niehaus

PE OHIO
E-37653

FGIC PAPERS

The Bond Issue is scheduled to be approved September/October 1996. At the time of this submittal MSDGC had not received the Financial Guaranty Insurance Company papers. These papers will be forwarded to the District 2 Integrating Committee upon receipt by MSDGC.

ADDITIONAL SUPPORT INFORMATION

For Program Year 1997 (July 1, 1997 through June 30, 1998), jurisdictions shall provide the following support information to help determine which projects will be funded. Information on this form must be accurate, and where called for, based on sound engineering principles. Documentation to substantiate the individual items may be required by the Support Staff if information does not appear to be accurate.

1) What is the condition of the existing infrastructure to be replaced, repaired, or expanded? For bridges, submit a copy of the current State form BR-86.

Closed _____ Poor _X_

Fair _____ Good _____

Give a brief statement of the nature of the deficiency of the present facility such as: inadequate load capacity (bridge); surface type and width; number of lanes; structural condition; substandard design elements such as berm width, grades, curves, sight distances, drainage structures, or inadequate service capacity. If known, give the approximate age of the infrastructure to be replaced, repaired, or expanded.

Improvements to MSDGC's sanitary sewer system and facilities must be made in order to comply with the Environmental Protection Agency's law regarding CSOs into the surrounding watershed and other compliance issues facing MSDGC. Copy of EPA Findings and Orders are appended.

2) If State Capital Improvement Program funds are awarded, how soon (in weeks or months) after receiving the Project Agreement from OPWC (tentatively set for July 1, 1997) would the project be under contract? The Support Staff will be reviewing status reports of previous projects to help judge the accuracy of a particular jurisdiction's anticipated project schedule.

_____6_____ weeks/months (Circle one)

Are preliminary plans or engineering completed? Yes No

Are detailed construction plans completed? Yes No

Are all right-of-way and easements acquired?* Yes No N/A

*Please answer the following if applicable:

No. of parcels needed for project: ___0___ Of these, how many are Takes _____, Temporary _____, Permanent _____

On a separate sheet, explain the status of the ROW acquisition process of this project for any parcels not yet acquired.

Are all utility coordinations completed? Yes No N/A

Give an estimate of time, in weeks or months, to complete any item above not yet completed. _____6_____ weeks/months.

3) How will the proposed project impact the general health, safety and welfare of the service area? (Typical examples may include the effects of the completed project on accident rates, emergency response time, fire protection, health hazards, user benefits, commerce, and highway capacity.) Please be specific and provide documentation if necessary to substantiate the data.

The health issue will be addressed by preventing: sewage from backing up into basements; the waters of the state being polluted from sewers overflowing; and building bans being imposed by Ohio Environmental Protection Agency because of inadequate capacity. This project will also affect the welfare of the various communities where the construction takes place and will help keep property values from declining.

4) What type of funds are to be utilized for the local share for this project?

Federal _____ ODOT _____ Local __X__

MRF _____ OWDA _____ CDBG _____

Other _____

Note: If MRF funds are being used for the local share, the MRF application must have been filed by August 1, 1995 for this project with the Hamilton County Engineer's Office.

The minimum amount of matching funds for grant projects (local share) must be at least 10% of the TOTAL CONSTRUCTION COST. What percentage of matching funds are being committed to this project?

__0__ % **Loan Assistance Application*

5) Has any formal action by a federal, state, or local government agency resulted in a complete or partial ban of the use or expansion of use for the involved infrastructure? (Typical examples include weight limits, truck restrictions, and moratoriums or limitations on issuance of building permits.) A copy of the approved legislation must be submitted with the application. THE BAN MUST HAVE AN ENGINEERING JUSTIFICATION TO BE VALID.

Complete Ban _____ Partial Ban __X__ No Ban __X__

Will the ban be removed after the project is completed?

Yes __X__ No _____ *See attached documentation.*

6) What is the total number of existing users that will benefit as a result of the proposed project?

220,000

For roads and bridges, multiply current documented Average Daily Traffic by 1.20. For public transit, submit documentation substantiating the count. Where the facility currently has any restrictions or is partially closed, use documented traffic counts prior to the restriction. For storm sewers, sanitary sewers, water lines, and other related facilities, multiply the number of households in the service area by 4. NOTE: DOCUMENTATION MUST BE PROVIDED FOR COUNTS OF 4,000 ADT AND ABOVE, AND HAVE THE DOCUMENTATION CERTIFIED BY EITHER A LICENSED ENGINEER OR AN OFFICIAL OF THE SUBDIVISION.

7) Has the jurisdiction developed a Five Year Capital Improvement Plan as required in O.R.C., chapter 164?

Yes *X* No _____

8) Give a brief statement concerning the regional significance of the infrastructure to be replaced, repaired, or expanded.

This project affects virtually all the municipalities and townships in Greater Cincinnati where MSD provides service. MSD continually is upgrading their treatment facilities and collection systems to assure that adequate capacity is maintained in both infrastructures. MSD currently serves 800,000 residents in 400 square miles with 220 sewer connections incorporating 2,700 miles of sanitary and combined sewers.

9) For expansion projects, please provide the existing and proposed Level of Service (LOS) of the facility using the methodology outlined within AASHTO'S "Geometric Design of Highways and Streets" and the 1985 Highway Capacity Manual.

Existing LOS _____ Proposed LOS _____

If the proposed LOS is not "C" or better, explain why LOS "C" cannot be achieved. (Attach separate sheets if necessary.)

_____

_____

_____

_____

_____

OhioEPA
State of Ohio Environmental Protection Agency

P.O. Box 1049, 1800 WaterMark Dr.
Columbus, Ohio 43266-0149
(614) 644-3020
FAX (614) 644-2329

George V. Voinovich
Governor

Donald R. Schregardus
Director

September 22, 1992

Re: Director's Final Findings and Orders

Board of County Commissioners
of Hamilton County, Ohio
County Administration Building
138 East Court, Room 603
Cincinnati, Ohio 45202

Transmitted herewith is one copy of the Director's Final Findings and Orders in the referenced matter.

Robert E. Phelps

Robert E. Phelps, P.E. Manager
Permit Administration Section
Division of Water Pollution Control

REP/mmt

Certified Mail

cc: [redacted]
H. Sorin, DWPC
P. Novak, DWPC
C. Reigle-Fleck, PIC
R. Shoemaker, SWDO
M. Burt, SWDO
Journal Room
File

Printed on recycled paper

BEFORE THE

OHIO ENVIRONMENTAL PROTECTION AGENCY

In the matter of:

Board of County Commissioners of Hamilton County, Ohio County Administration Building 138 East Court, Room 603 Cincinnati, Ohio 45202	: : : : :	Director's Final Findings and Orders

Pursuant to Ohio Revised Code (ORC), Chapter 6111, the Director of the Ohio Environmental Protection Agency (Ohio EPA) hereby makes the following Findings and issues the following Orders.

FINDINGS

1. The Metropolitan Sewer District of Greater Cincinnati (MSD), a county sewer district organized under ORC Chapter 6117, is owned by the Board of County Commissioners of Hamilton County, Ohio, (Board of County Commissioners), and operated under contract by the City of Cincinnati.

2. MSD operates separate sanitary sewerage systems tributary to various treatment plants in Hamilton County, Ohio.

3. Portions of MSD's separate sanitary sewerage systems are subject to excessive infiltration and inflow, which cause the affected sewers to surcharge and discharge untreated sewage, industrial waste, or other wastes, as those terms are defined by ORC Section 6111.01, Divisions (B), (C), and (D), from numerous overflow points to waters of the state, as that term is defined by ORC Section 6111.01 (H).

4. MSD does not hold a current National Pollutant Discharge Elimination System (NPDES) permit for the discharge of sewage, industrial waste, or other wastes from overflow points from its separate sanitary sewerage systems to waters of the state. Therefore, all such discharges are unpermitted, contrary to ORC Sections 6111.04 and 6111.07.

5. On 27 occasions between March 1, 1989, and December 31, 1990, MSD reported discharging sewage, industrial waste, or other wastes to waters of the state from overflow points in its separate sanitary sewerage systems tributary to the Little Miami wastewater treatment plant.

6. Representatives of Ohio EPA have observed additional unreported sewage, industrial waste, or other wastes discharging from overflow points in MSD's separate sewerage systems to waters of the state.

7. Numerous complaints have been registered with Ohio EPA concerning the discharge of sewage to waters of the state from overflow points in MSD's separate sanitary sewerage systems.

I certify this to be a true and accurate copy of the official document as filed in the records of the Ohio Environmental Protection Agency.

By: Mary Cavin Date 9-22-92

8. The Director has given consideration to and based his determination on evidence relating to the technical feasibility and economic reasonableness of complying with these orders and to evidence relating to conditions calculated to result from compliance with these orders, and its relation to the benefits to the people of the State to be derived from such compliance in accomplishing the purposes of Chapter 6111 of the ORC.

ORDERS

1. Within six months after the effective date of these findings and orders, the Board of County Commissioners shall submit three copies of a report to the Enforcement and Compliance Section, Division of Water Pollution Control, Southwest District Office, Ohio EPA, identifying:

   All portions of the separate sanitary sewerage system in the Metropolitan Sewer District that have reached or exceeded their dry weather capacity.

   All overflow points in separate sanitary sewers and separate sanitary interceptors in the Metropolitan Sewer District. If necessary, a plan for identifying any unknown overflow points shall be proposed.

2. Within nine months after the effective date of these findings and orders, the Board of County Commissioners shall submit to the above office three copies of a general plan for disposal system improvements to eliminate all unpermitted discharges of sewage, industrial waste, and other wastes to waters of the state from identified overflow points in MSD's separate sanitary sewerage systems. At a minimum, the general plan shall address the following issues:

   The plan shall propose disposal system improvements and a schedule required to eliminate all unpermitted discharges from identified overflow points in MSD's separate sanitary sewerage systems and to maintain compliance with ORC Section 6111.04.

   The plan shall include estimated costs for the proposed improvements and for the operation, maintenance and replacement of proposed facilities.

   The plan shall include the financial mechanisms to be used to fund the improvements and the operation, maintenance, and replacement of proposed facilities.

   The plan shall include a fixed-date compliance schedule for (1) completing a program for investigation and minimization of precipitation-dependent inflow and infiltration affecting separate sanitary sewers subject to overflows; (2) completing subsequent flow monitoring investigations to determine remaining separate sanitary sewer overflows and to identify required additional system improvements; and (3) establishing a second

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By: Mary Cavin Date 9-22-92

stage fixed-date compliance schedule for completing all required additional improvements to eliminate discharges from the remaining separate sanitary sewerage systems overflows (including dates for submitting detail plans and specifications, advertising for bids, awarding contracts, beginning construction, completing construction, and eliminating discharges from overflow points).

3. Until discharges from all overflow points in MSD's separate sanitary sewers and interceptors are eliminated, the Board of County Commissioners shall comply with the monitoring and reporting requirements given in Attachment #1.

4. Upon submittal and approval of the general plan mentioned in Order #2, the Director of Ohio EPA may revoke these findings and orders and issue new findings and orders requiring the implementation of the proposals in the general plan to eliminate discharges from all overflow points in MSD's separate sanitary sewers and separate sanitary interceptors.

Gerry Soanni FOR
Donald R. Schregardus
Director

September 22, 1992
Date

I certify this to be a true and accurate copy of the official document as filed in the records of the Ohio Environmental Protection Agency

By: Mary Cannon Date 9-22-92

stage fixed-date compliance schedule for completing all required additional improvements to eliminate discharges from the remaining separate sanitary sewerage systems overflows (including dates for submitting detail plans and specifications, advertising for bids, awarding contracts, beginning construction, completing construction, and eliminating discharges from overflow points).

3. Until discharges from all overflow points in MSD's separate sanitary sewers and interceptors are eliminated, the Board of County Commissioners shall comply with the monitoring and reporting requirements given in Attachment #1.

4. Upon submittal and approval of the general plan mentioned in Order #2, the Director of Ohio EPA may revoke these findings and orders and issue new findings and orders requiring the implementation of the proposals in the general plan to eliminate discharges from all overflow points in MSD's separate sanitary sewers and separate sanitary interceptors.

Gerry Soamil

Donald R. Schregardus FOR
Director

September 22, 1992
Date

I certify this to be a true and accurate copy of the official document as filed in the records of the Ohio Environmental Protection Agency

By: Mary Carson Date 9-22-92

Attachment 1

1. The following is a list of known overflow points in MSD's separate sanitary sewers and interceptors.

Station Number	Description	Location
1PL0000006	Berkley Woods L.S.	6291 Stirrup Road
1PL0000096	Lohar Acres L.S.	
1PL0000008	Stanberry Park L.S.	6069 Tridale Court
1PL0000009	Fries 3rd L.S.	5980 Bagdad Drive
1PL0000010	Mt. Washington L.S.	6009 Verbet Drive
1PL0000011	Prospect Woods L.S.	1199 Hawkstone
1PL0000013	Britney Acres L.S.	8100 Woodruff Road
1PL0000014	High Meadow L.S.	6785 High Meadows Dr.
1PL0000073	Manhole No. 70	Plainville Road North of Little Duck Creek
1PL00000074	Manhole No. 77	Murray Avenue at Simpson
1PL00000078	Manhole No. 227	Kennedy Avenue at Iris
1PL00000079	Manhole No. 228	Kennedy Avenue at Dante
1PL00000080	Manhole No. 477	W. End of Verbet
1PL00000081	Manhole No. 570	Euclid and Maple
1PL00000082	Manhole No. 575	6849 Beechmont
1PL00000083	Manhole No. 576	2626 Attica
1PL00000084	Manhole No. 579	Richman and Orchard
1PL00000085	Manhole No. 583	Osceola and Camargo
1PL00000086	Manhole No. 588	Salem Avenue, N.W. of Rosetree
1PL00000087	Manhole No. 589	6779 LeConte Avenue
1PL00000088	Manhole No. 591	Euclid and Laurel
1PL00000089	Manhole No. 608	Dawson and Maple
1PL00000090	Manhole No. 609	4001 Oak
1PL00000091	Manhole No. 615	Eastern & Deering
1PL00000092	Manhole No. 619	3930 Lansdowne
1PL00000094	Manhole No. 627	3763 Thornton
1PL00000095	Manhole No. 631	3721 N. Berkley Circle
1PK00005021	Hinged Manhole	West of Loveland Road Bridge
1PM00001420	Hinged Manhole on Mill Cr. Interceptor	Behind G.E. Evendale Plant outfall 001
1PM00001421	Secured Flapping Manhole on Cooper Cr.	End of Gwilada Drive
1PK00006050	Secured Manhole	Quailhill and Werk
1PK00006051	Manhole	End Sultana Drive cul-de-sac
1PK00006052	Hinged Manhole at Junction of Rapid Run & East Branch Muddy Creek Interceptors	Bender & River Roads
1PK00019052	Manhole	Anshutz & Taylor Roads

I certify this to be a true and accurate copy of the official document as filed in the records of the Ohio Environmental Protection Agency.

By: Mary Cavin Date 9.22.92

Attachment 1

1. The following is a list of known overflow points in MSD's separate sanitary sewers and interceptors.

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1PL0000010	Mt. Washington L.S.	6009 Verbet Drive
1PL0000011	Prospect Woods L.S.	1199 Hawkstone
1PL0000013	Britney Acres L.S.	8100 Woodruff Road
1PL0000014	High Meadow L.S.	6785 High Meadows Dr.
1PL0000073	Manhole No. 70	Plainville Road North of Little Duck Creek
1PL00000074	Manhole No. 77	Murray Avenue at Simpson
1PL00000078	Manhole No. 227	Kennedy Avenue at Iris
1PL00000079	Manhole No. 228	Kennedy Avenue at Dante
1PL00000080	Manhole No. 477	W. End of Verbet
1PL00000081	Manhole No. 570	Euclid and Maple
1PL00000082	Manhole No. 575	6849 Beechmont
1PL00000083	Manhole No. 576	2626 Attica
1PL00000084	Manhole No. 579	Richman and Orchard
1PL00000085	Manhole No. 583	Osceola and Camargo
1PL00000086	Manhole No. 588	Salem Avenue, N.W. of Rosetree
1PL00000087	Manhole No. 589	6779 LeConte Avenue
1PL00000088	Manhole No. 591	Euclid and Laurel
1PL00000089	Manhole No. 608	Dawson and Maple
1PL00000090	Manhole No. 609	4001 Oak
1PL00000091	Manhole No. 615	Eastern & Deering
1PL00000092	Manhole No. 619	3930 Lansdowne
1PL00000094	Manhole No. 627	3763 Thornton
1PL00000095	Manhole No. 631	3721 N. Berkley Circle
1PK00005021	Hinged Manhole	West of Loveland Road Bridge
1PM00001420	Hinged Manhole on Mill Cr. Interceptor	Behind G.E. Evendale Plant outfall 001
1PM00001421	Secured Flapping Manhole on Cooper Cr.	End of Gwilada Drive
1PK00006050	Secured Manhole	Quailhill and Werk
1PK00006051	Manhole	End Sultana Drive cul-de-sac
1PK00006052	Hinged Manhole at Junction of Rapid Run & East Branch Muddy Creek Interceptors	Bender & River Roads
1PK00019052	Manhole	Anshute & Taylor Roads

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By: Mary Cavin Date 9.22.92

2. The overflow points identified above and any additional overflow points subsequently identified in MSD's separate sanitary sewers and interceptors shall be monitored in accordance with the following table and reported as required below.

CHARACTERISTIC			MONITORING REQUIREMENTS	
Reporting Code	Units	Parameter	Measurement Frequency	Sample Type
80990	No./Mo.	Occurrences	When discharging	Estimate

For days when there are no overflow discharges, an explanation of "No Discharge" shall be entered in the "Additional Remarks" section. Also, on such days Zero should be reported for occurrences, duration and flow.

When an overflow event occurs at any identified sanitary overflow point, the Hamilton County and/or local Health Departments shall be notified immediately. Monthly reports will be filed with Ohio EPA showing the number of occurrences at each overflow point each month.

The sewer system shall be operated/maintained in such a manner as necessary to minimize impacts to the receiving stream resulting from sewer overflows. The permittee shall utilize the following technology to minimize such impacts:

1. Provide proper operation and maintenance programs for the sewer system;
2. Provide maximum use of the collection system for storage prior to allowing overflows;
3. Review and modify pretreatment program;
4. Maximize flow to the POTW for treatment;
5. Prohibit dry weather overflows; and
6. Control solid and floatable materials in the discharge.

I certify this to be a true and accurate copy of the official document as filed in the records of the Ohio Environmental Protection Agency.

By. Mary Cavin Date 9-22-92

WAIVER

In order to resolve disputed claims, without admission of fact, violation or liability, and in lieu of further enforcement action by the Ohio EPA for only the matters addressed in these Orders, the Board of County Commissioners agrees that these Orders are lawful, that the schedules provided for compliance herein are reasonable, and that the Board of County Commissioners agrees to comply with these Orders. Compliance with these Orders shall be a full accord and satisfaction for liability of the Board of County Commissioners and/or the liability as an agent of the City of Cincinnati for the violations cited herein.

The Board of County Commissioners hereby waives the right to appeal the issuance, terms, and service of these Orders, and it hereby waives any and all rights it might have to seek judicial review of said orders either in law or equity.

Notwithstanding the preceding, the Ohio EPA and the Board of County Commissioners agree that in the event that these Orders are appealed by any other party to the Environmental Board of Review, or any court, the Board of County Commissioners retains the right to intervene and participate in such appeal. In such event, the Board of County Commissioners shall continue to comply with these Orders, notwithstanding such appeal and intervention unless said Orders are stayed, vacated, or modified.

The Board of County Commissioners does not hereby make any agreement or Waiver with respect to any new or supplemental findings and orders as may be issued pursuant to Order No. 4 or otherwise.

IT IS SO AGREED:

The Board of County Commissioners of Hamilton County, Ohio

BY: [signature]
TITLE: Hamilton County Administrator
DATE: 7/31/92

I certify this to be a true and accurate copy of the official document as filed in the records of the Ohio Environmental Protection Agency.

By: Mary Cavin Date 9. 25 92

SCIP/LTIP PROGRAM
ROUND 11 - PROGRAM YEAR 1997
PROJECT SELECTION CRITERIA
JULY 1, 1997 TO JUNE 30, 1998

ADOPTED BY THE INTEGRATING COMMITTEE
May 24, 1996

20
20
13
53

JURISDICTION/AGENCY: Ham. Co.

NAME OF PROJECT: Sewer System Improvements

PRELIMINARY SCORE FOR THIS PROJECT: 53

FINAL SCORE FOR THIS PROJECT: _____

RATING TEAM: 4

POINTS

1) If *SCIP/LTIP* funds are granted, when would the construction contract be awarded? 10

10 Points - Will be under contract by end of 1997 and no delinquent projects in Rounds 8 & 9.

5 Points - Will be under contract by March 30, 1998 and/or jurisdiction has had one delinquent project in Rounds 8 & 9.

0 Points - Will not be under contract by March 30, 1998 and/or jurisdiction has had more than one delinquent project in Rounds 8 & 9.

2) What is the physical condition of the existing infrastructure to be replaced or repaired? 10

25 Points - Failed
23 Points - Critical
20 Points - Very Poor
17 Points - Poor
15 Points - Moderately Poor
10 Points - Moderately Fair
5 Points - Fair Condition
0 Points - Good or Better

NOTE: If the infrastructure is in "good" or better condition, it will ***NOT*** be considered for *SCIP/LTIP* funding unless it is an expansion project that will improve serviceability.

20

3) If the project is built, what will be its effect on the facility's serviceability? Documentation is required.

5 Points - Project design is for future demand.
4 Points - Project design is for partial future demand.
3 Points - Project design is for current demand.
2 Points - Project design is for minimal increase in capacity.
1 Point - Project design is for no increase in capacity.

3

4) How important is the project to *HEALTH, SAFETY, AND WELFARE* of the public and the citizens of the District and/or service area?

10 Points - Highly significant importance, with substantial impact on all 3 factors.

6

8 Points - Considerably significant importance, with substantial impact on 2 factors, or noticeable impact on all 3 factors.

6 Points - Moderate importance, with substantial impact on 1 factor or noticeable impact on 2 factors.

4 Points - Minimal importance, with noticeable impact on 1 factor

2 Points - No measurable impact

5) What is the overall economic health of the jurisdiction?

10 Points
8 Points
6 Points
4 Points
2 Points

6

6) What matching funds are being committed to the project, expressed as as a percentage of the *TOTAL CONSTRUCTION COST?* Loan and Credit Enhancement projects automatically receive 5 points, and no match is required. All grant funded projects require a minimum of 10% matching funds.

5 Points - 50% or more
4 Points - 40% to 49.99%
3 Points - 30% to 39.99%
2 Points - 20% to 29.99%
1 Point - 10% to 19.99%

5

20

7) Has any formal action by a federal, state, or local government agency resulted in a partial or complete ban of the usage or expansion of the usage for the involved infrastructure? *POINTS MAY ONLY BE AWARDED IF THE END RESULT OF THE PROJECT WILL CAUSE THE BAN TO BE LIFTED.*

5 Points - Complete ban
3 Points - Partial ban
0 Points - No ban of any kind

0

8) What is the total number of existing daily users that will benefit as a result of the proposed project? Appropriate criteria include current traffic counts, households served, when converted to a measurement of persons. Public transit users are permitted to be counted for the roads and bridges, but only when certifiable ridership figures are provided.

5 Points - 16,000 or more
4 Points - 12,000 to 15,999
3 Points - 8,000 to 11,999
2 Points - 4,000 to 7,999
1 Point - 3,999 and under

5

9) Does the infrastructure have regional impact? Consider originations and destinations of traffic, functional classifications, size of service area, number of jurisdictions served, etc.

5 Points - Major impact
4 Points -
3 Points - Moderate impact
2 Points -
1 Point - Minimal or no impact

5

10) Has the jurisdiction enacted the optional $5 license plate fee, an infrastructure levy, a user fee, or a dedicated tax for infrastructure and provided certification of which fees have been enacted?

5 Points - Two of the above
3 Points - One of the above
0 Points - None of the above

3

ADDENDUM TO THE RATING SYSTEM DEFINITIONS/CLARIFICATIONS

Criterion 1 - *ABILITY TO PROCEED*

The Support Staff will assign points based on engineering experience and OPWC defined delinquent projects. A project is considered delinquent when it has not received a notice to proceed within the time stated on the original application and no time extension has been granted by the OPWC. A jurisdiction receiving approval for a project and subsequently cancelling the same after the bid date on the application may be considered as having a delinquent project.

Criterion 2 - *CONDITION*

Condition is based on the amount of deterioration that is field verified or documented exclusive of capacity, serviceability, or health, safety and welfare issues. Condition is rated only on the existing facility being repaired or abandoned. If the existing facility is not being abandoned or repaired, but a new facility is being built, it shall be considered as an expansion project. (Documentation may include ODOT BR-86 reports, pavement management condition reports, televised underground system reports, age inventory reports, maintenance records, etc., and will only be considered if included with the original application.)

Definitions:

FAILED CONDITION - Requires complete reconstruction where no part of the existing facility is salvageable. (e.g. Roads: complete reconstruction of roadway, curbs and base; Bridges: complete removal and replacement of bridge; Underground: removal and replacement of an underground drainage or water system; Hydrants: completely non-functioning and replacement parts are unavailable.)

CRITICAL CONDITION - Requires moderate or partial reconstruction to maintain integrity. (e.g. Roads: reconstruction of roadway, curbs can be saved; Bridges: removal and replacement of bridge with abutment modification; Underground: removal and replacement of part of an underground drainage or water system; Hydrants: some non-functioning, others obsolete and replacement parts are unavailable.)

VERY POOR CONDITION - Requires extensive rehabilitation to maintain integrity. (e.g. Roads: extensive full depth, partial depth and curb repair of a roadway with a structural overlay; Bridges: superstructure replacement; Underground: repair of joints and/or minor replacement of pipe sections; Hydrants: non-functioning and replacement parts are available.)

POOR CONDITION - Requires standard rehabilitation to maintain integrity. (e.g. Roads: moderate full depth, partial depth and curb repair to a roadway with no structural overlay needed or structural overlay with minor repairs to a roadway needed; Bridges: extensive patching of substructure and replacement of deck; Underground: insituform or other in ground repairs; Hydrants: functional, but leaking and replacement parts are unavailable.)

MODERATELY POOR CONDITION - Requires minor rehabilitation to maintain integrity. (e.g. Roads: minor full depth, partial depth or curb repairs to a roadway with either a thin overlay or no overlay needed; Bridges: major structural patching and/or major deck repair; Hydrants: functional and replacement parts are available.)

MODERATELY FAIR CONDITION - Requires extensive maintenance to maintain integrity. (e.g. Roads: thin or no overlay with extensive crack sealing, minor partial depth and/or slurry or rejuvenation; Bridges: minor structural patching, deck repair, erosion control.)

FAIR CONDITION - Requires routine maintenance to maintain integrity. (e.g. Roads: slurry seal, rejuvenation or routine crack sealing to the roadway; Bridges: minor structural patching.)

GOOD OR BETTER CONDITION - Little or no maintenance required to maintain integrity.

Criterion 4 - *HEALTH, SAFETY & WELFARE*

Definitions:

SAFETY - The design of the project will prevent accidents, promote safer conditions, and eliminate or reduce the danger of risk, liability, or injury.

EXAMPLES: Widening existing roadway lanes to standard lane widths; Adding lanes to a roadway or bridge to increase capacity or alleviate congestion; replacing old or non-functioning hydrants; increasing capacity to a water system, etc.

HEALTH - The design of the project will improve the overall condition of the facility so as to reduce or eliminate disease; or correct concerns regarding the environmental health of the area.

EXAMPLES: Improving or adding storm drainage or sanitary facilities; replacing lead joints in water lines;

WELFARE - The design of the project will promote economic well-being and prosperity.

EXAMPLES: Project has the potential to improve business expansions or opportunities in the area; project will improve the quality of life in the area;

PLEASE NOTE: The examples listed above are NOT a complete list, but only a small sampling of situations that may be relevant to any given project. Each project is looked at on an individual basis to determine if any aspects of this rating category apply.

Criterion 9 - *REGIONAL IMPACT*

Definitions:

MAJOR IMPACT - Roads: major multi-jurisdictional route, primary feed to an interstate, Federal Aid Primary routes; Underground: primary water or sewer main serving and entire system; Hydrants: multi-jurisdictional.

MODERATE IMPACT - Roads: principal thoroughfares, Federal Aid Urban routes; Underground: primary water or sewer main serving only part of a system; Hydrants: all hydrants in a local system serving only one jurisdiction.

MINIMAL/NO IMPACT - Roads: cul-de-sacs, subdivision streets; Underground: individual water or sewer main not part of a large system; Hydrants: only some hydrants in a local system serving only one jurisdiction.