

Appendix F
Public Meeting No. 1



CITY OF LANCASTER
WATER POLLUTION CONTROL DEPARTMENT

MICHAEL NIXON • *Superintendent*
RICHARD TIPPLE • *Assistant Superintendent*

800 LAWRENCE STREET

(740) 687-6664

FAX (740) 687-6667

LANCASTER, OHIO 43130

MEMO

DATE: June 22, 1999
TO: Michael Wilson
FROM: Michael Nixon
SUBJECT: City of Lancaster Long-Term C.S.O. Control Plan

Attached, you will find information you requested concerning the above referenced subject.

If you any questions or comments, please contact me at (740) 687-6664.

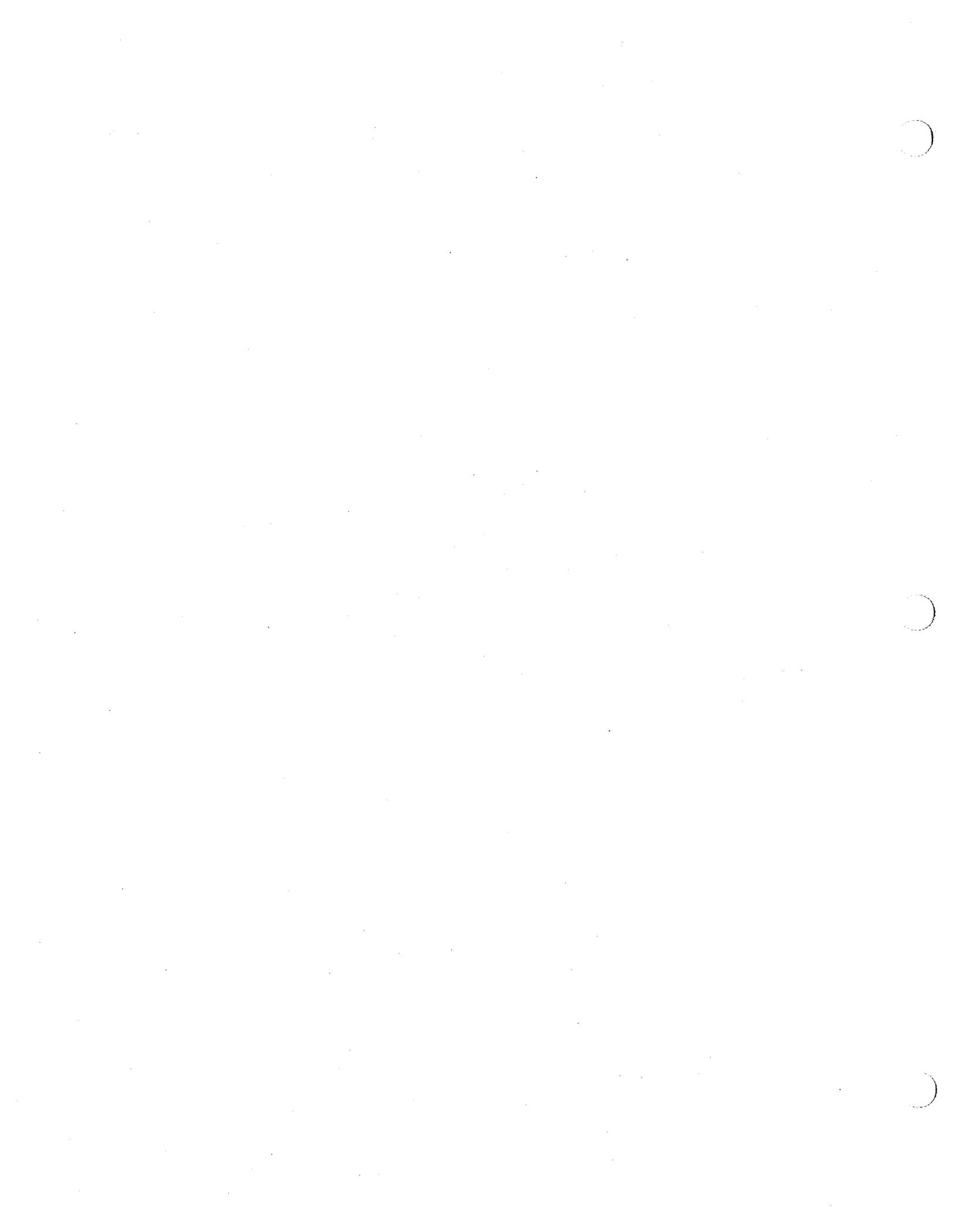
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Attachments

C:\My Documents\CSO control plan memo

“Insuring Your Right to Clean Water . . . Now and in the Future”





LOCAL

Sewer system talk scheduled

The Lancaster Water Pollution Control Department invites the public to a presentation about the city's combined sewer system.

The meeting will inform residents about the ongoing collection system study, sampling results, Ohio EPA requirements and development of the city's combined sewer long-term control plan. The plan will be used by the city to prevent degradation of the water quality in Lancaster area streams. Public input is welcome.

The meeting will be held following the regular City Council meeting at about 8:15 p.m. June 28 in the Education Service Center, 111 S. Broad St. For more information, call Mike Nixon at 687-6664 or Kent Huston at 687-6614.

Thornville woman runs off road

A Thornville woman ran off Miller Siding Road on Tuesday and ended up being taken to the hospital.

Katie M. Grubb, 17, Thornville, was traveling east on Miller Siding Road, when she lost control at a curve near the intersection of Snake Run Road at 12:36 p.m. Tuesday, according to a Fairfield County Sheriff's Office report.

Her car slid across the road, into a ditch, and came to a stop against a tree.

Grubb was transported by Richland Township EMS to Fairfield Medical Center, where she was treated and released.

No citations were issued.

Woman turns

Home broken into on Stringtown Road

A home was broken into on Stringtown Road on Tuesday. Richard E. Usilton, 1181 Stringtown Road, said someone broke into his home between 11 a.m. and 2:10 p.m. Tuesday, according to a Fairfield County Sheriff's Office report.

The thieves stole guns valued at \$1,670; along with stereo and television equipment valued at \$4,700. The thieves entered the home by breaking out a window to gain entry.

Home broken into on BIS Road

Thieves broke into a home on BIS Road on Tuesday afternoon.

Lee A. Scott, 4000 BIS Road, said someone broke a window out of his basement between 6:30 a.m. and 4:45 p.m. Tuesday, according to a Fairfield County Sheriff's Office report.

Once inside, the thieves stole two rifles valued at \$2,400; tools valued at \$665; two rifle scopes valued at \$1,700; and a sweeper valued at \$900.

Motor stolen from boat

A motor was stolen from a Baltimore boat earlier this month.

Patrick J. Johnson, 12653 Parliament Road, Baltimore, said someone stole the motor from his boat between June 8 and June 15, according to a Fairfield County Sheriff's Office report. The theft occurred while the boat was parked in the rear of his residence.

Jewelry stolen from closet

at \$700; an equalizer valued at \$350; and a cellular phone valued at \$400.

Fire departments receive grants

Two Fairfield County volunteer fire departments were recently awarded more than \$16,000 in grants, according to State Sen. Jay Hottinger.

The Amanda and Thurston Walnut township volunteer fire departments will get \$6,000 and \$10,000, respectively, in grants through the Ohio Department of Commerce.

The Thurston Walnut Township department will use the funding to purchase a self-contained breathing apparatus, and the Amanda department will purchase new equipment to meet state requirements for protective clothing.

New Horizons meeting news

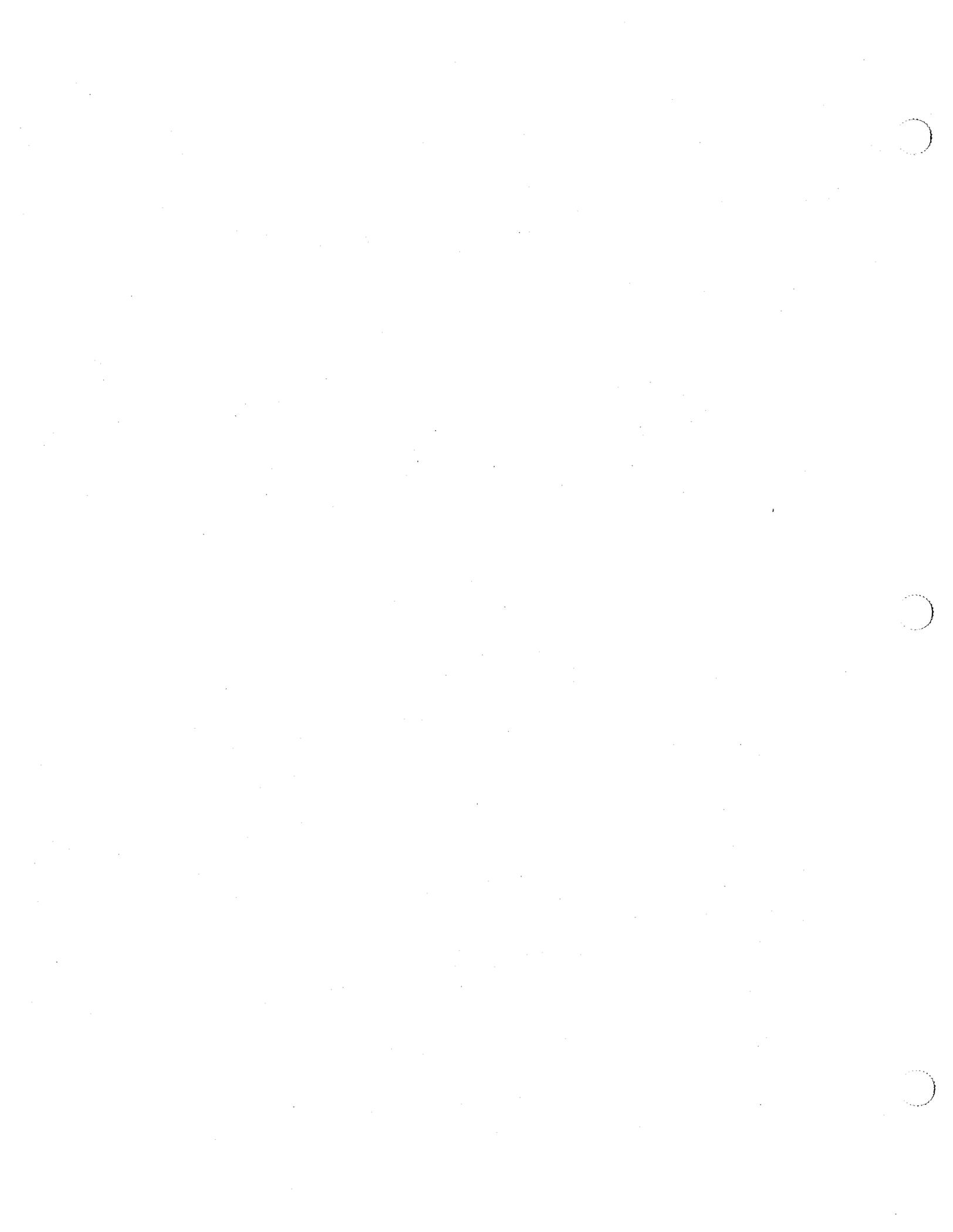
New Horizons and Youth Family Center will hold a board meeting at 6:30 p.m. Wednesday at the agency conference room, 1592 Granville Pike. The public is invited to attend.

Pickerington to repave road

The city of Pickerington was recently awarded \$24,375 through a state NatureWorks grant to repave the access road at Sycamore Park.

NatureWorks grants are awarded through the Ohio Department of Natural Resources to Ohio communities for local parks and recreation improvements. More than \$3.5 million was dispersed to 98 communities.

Weekend crash



CITY OF LANCASTER
WATER POLLUTION CONTROL DEPARTMENT

MICHAEL NIXON • *Superintendent*
RICHARD TIPPLE • *Assistant Superintendent*

800 LAWRENCE STREET

(614) 687-6664

FAX (614) 687-6667

LANCASTER, OHIO 43130

Letter of Invitation

June 22, 1999

Kent Huston
City Building
Lancaster, Ohio 43130

Re: City of Lancaster, OH
Combined Sewer System

Dear Mr. Huston:

The City of Lancaster has been studying its combined sewer collection system to address the impacts, if any, of wet weather overflows from the system on local streams and rivers. This effort satisfies requirements of the Ohio Environmental Protection Agency's Combined Sewer Overflow Policy and the City of Lancaster's NPDES Permit.

The work has been in progress since the fall of 1995. A presentation discussing the sewer system study will be made to the City of Lancaster City Council at a meeting on Monday, June 28, 1999 at approximately 8:15p.m. (following the regularly scheduled council meeting). The meeting will be held in the Council Chambers 104 East Main Street, Lancaster, Ohio.

The purpose of the meeting will be to present the status of the study to date and to discuss the development of a Long Term Control Plan (LTCP) that will address the results of the study. This meeting is open to the public. Due to interest you have shown in the past relating to water quality issues in the Lancaster area, we are making a special invitation for your attendance.

If you have any questions or comments, please call Mike Nixon at (740) 687-6664 or Kent Huston at (740) 687-6614.

Thank you for your time and we look forward to seeing you on June 28, 1999.

Sincerely yours,

Michael B. Nixon
City of Lancaster

c: Arthur Wallace, Mayor
Earl Strawn, Service-Safety Director

"Insuring Your Right to Clean Water . . . Now and in the Future"





Susan Baughman

1917 Yorktown Court
Lancaster, Ohio 43130
Dear Ms. Baughman

Kent Huston
Division of Engineering
City Building
Lancaster, Ohio 43130
Dear Mr. Huston

Rick Mark
Division of Engineering
City Building
Lancaster, Ohio 43130
Dear Mr. Mark

Vera Coutant
Ohio EPA, CDO
3232 Alum Creek Drive
Columbus, Ohio 43207
Dear Ms. Coutant

Scott Carnahan
Akrosil
3165 Wilson Road
Lancaster, Ohio 43130
Dear Mr. Carnahan

Stephen Ellery
Hexcel
815 Lawrence Street
Lancaster, Ohio 43130
Dear Mr. Ellery



Marie Hamrick
Anchor Hocking Glass Corp.
1115 West Fifth Avenue
Lancaster, Ohio 43130
Dear Ms. Hamrick

Kerry Hogan
Fairfield County, Director of Utilities
210 East Main Street
Lancaster, Ohio 43130
Dear Mr. Hogan

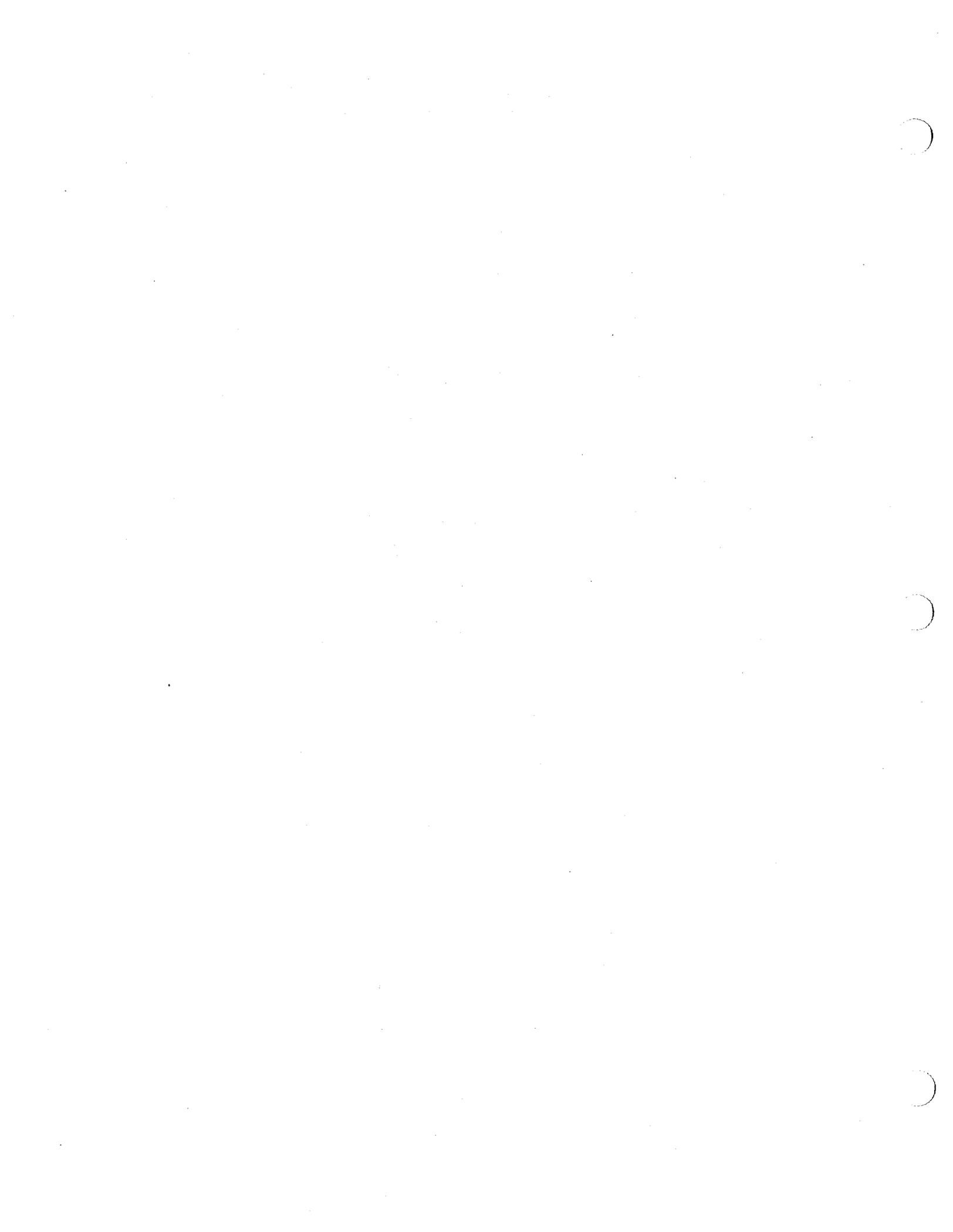
Perry Orndorff
Fairfield County SWCD
831 College Avenue
Lancaster, Ohio 43130
Dear Mr. Orndorff

Dianna Uther
Fairfield County Health Department
1587 Granville Pike
Lancaster, Ohio 43130
Dear Ms. Uther

Bill Veroski

330 Rainbow Drive, NW
Lancaster, Ohio 43130
Dear Mr. Veroski

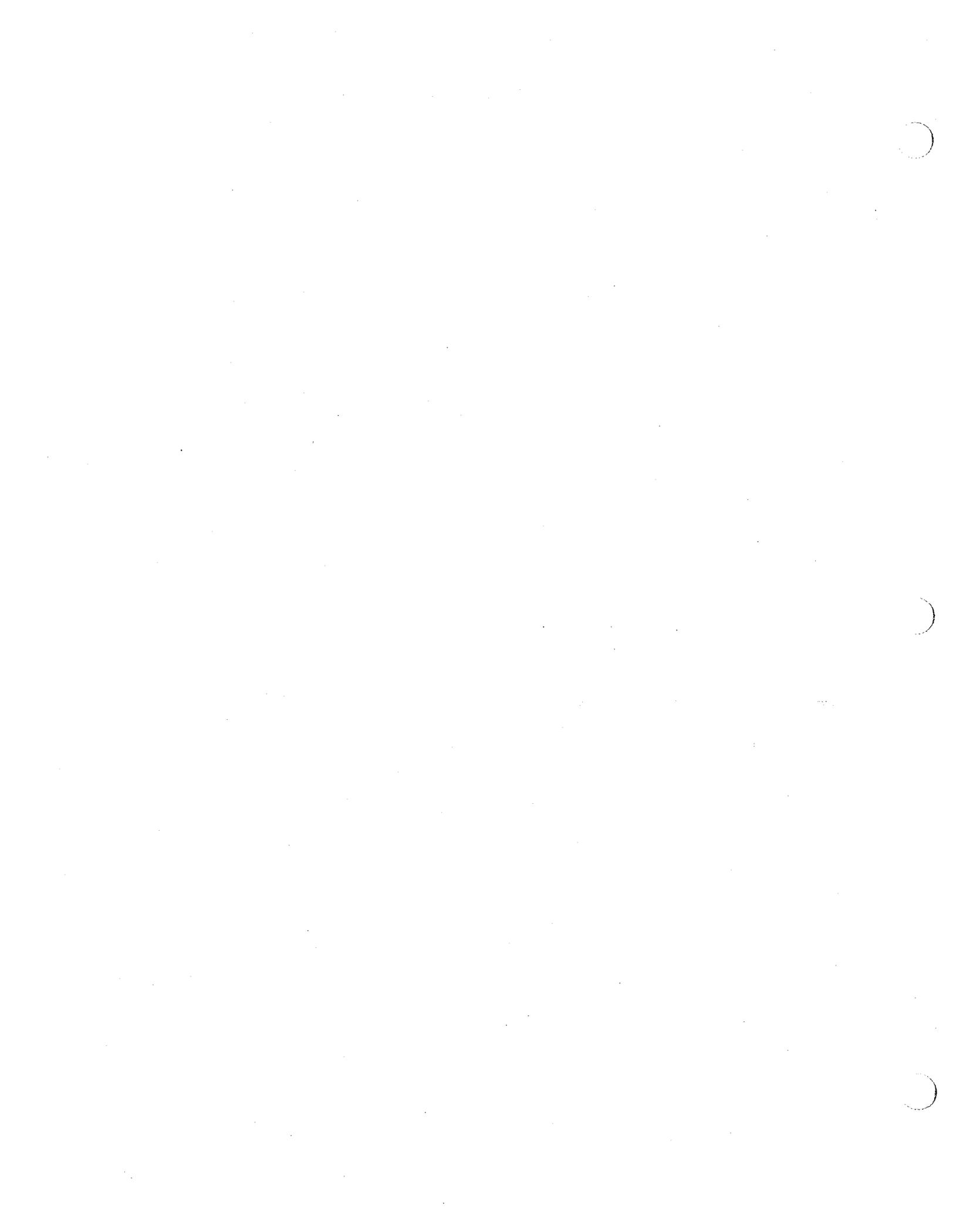
Tim Morrow
Division of Water
225 N. Memorial Drive
Lancaster, Ohio 43130
Dear Mr. Morrow



Tom Miller

18001 Unger Road
Logan, Ohio 43138

Dear Mr. Miller





CITY OF LANCASTER, OHIO

CITY COUNCIL

Municipal Building
104 East Main Street
LANCASTER, OHIO 43130

LANCASTER CITY COUNCIL

LANCASTER, OHIO

June 28, 1999

6:45 p.m.- PUBLIC HEARING Ord. 29-99, Ord. 39-99, CSO Meeting

7:00 p.m. - CAUCUS SESSION

7:30 p.m. - REGULAR MEETING CONVENES

PRAYER

CALL TO ORDER

PLEDGE OF ALLEGIANCE

ROLL CALL

READING AND DISPOSING OF THE JOURNAL

REPORTS OF CITY OFFICIALS

COMMUNICATIONS

PETITIONS AND MEMORIALS

PERMISSION OF VOTERS AND TAXPAYERS TO ADDRESS COUNCIL

REPORTS OF STANDING COMMITTEES

REPORTS OF SPECIAL COMMITTEES

READING OF RESOLUTIONS

THIRD READING

Temp. #67-99 A Res. to increase the 1999 estimated resources within the Income Tax Fund

Temp. #69-99 A Res. to appropriate funds in the Income Tax Department

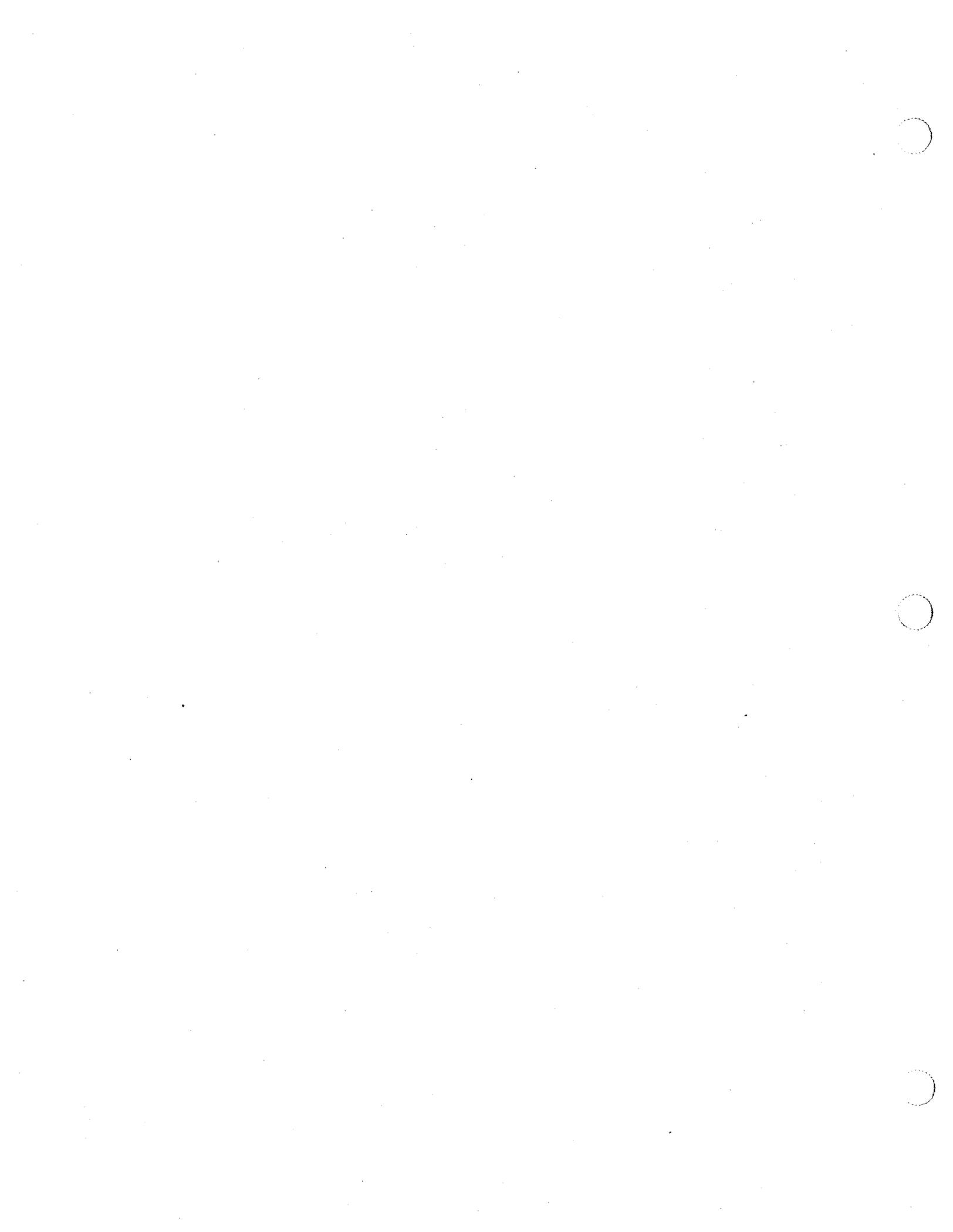
SECOND READING

Temp. #72-99 A Res. to accept the Lancaster Police Supervisor Association (LPSA) Contract

Temp. #74-99 A Res. to provide funding for the General Fund Administrative Support Account for Payment for the remainder of 1999

Temp. #75-99 A. Res. to authorize the Service-Safety Director to suspend with competitive bidding, to enter into a contract with Pathmaster, Inc., and appropriate funds

Temp. #77-99 A Res. authorizing the Service-Safety Director to apply for, and if awarded, enter into an agreement to administer a DARE Grant through the Attorney General's Office



FIRST READING

- Temp. #78-99 A Res. To reimburse the Law Director's Account for phone bills paid for the Victim Advocate out of the Law Director's Phone Account
- Temp. #79-99 A Res. Authorizing the submittal of applications to the Ohio Public Works Commission for funds to resurface certain streets, and to replace various culverts
- Temp. #80-99 A Res. to appropriate funds in the Street Department
- Temp. #81-99 A Res. to transfer and appropriate funds from the General Fund to the Community Development Department to purchase equipment to bring the Department into Y2K Compliance
- Temp. #82-99 A Res. to appropriate funds for Y2K Compliance
- Temp. #83-99 A Res. to appropriate funds within the General Fund Budget Stabilization Account
- Temp. #84-99 A Res. authorizing the Service-Safety Director to enter into an agreement with ODOT to purchase Sodium Chloride (Rock Salt) for the 1999-2000 Winter Season
- Temp. #85-99 A Res. indicating services to be provided by the municipal Corporation to annexed territory of the Morris Annexation/1.135 Acres (1343 Sheridan Dr.) From Pleasant Township

READING OF ORDINANCES

THIRD READING

- Temp. #30-99 An Ord. to amend Ordinance 71-98 to revise the Environmental Specialist position
- Temp. #31-99 An Ord. to amend Ordinance 70-98 to add an Environmental Technician position
- Temp. #32-99 An Ord. to amend Ordinance 70-98 to add a Junior Tax Auditor
- Temp. #33-99 An Ord. to accept the Final Plat of the River Valley Highlands Section 7 Phase 1 Subdivision
- Temp. #34-99 An Ord. to accept the Final Plat of the River Valley Highlands Section 7 Phase 2 Subdivision
- Temp. #35-99 An Ord. to accept the Final Plat of the River Valley Highlands Section 7 Phase 3 Subdivision
- Temp. #36-99 An Ord. to accept the Final Plat of the River Valley Highlands Section 8 Phase 1 Subdivision
- Temp. #37-99 An Ord. to accept the Final Plat of the River Valley Highlands Section 8 Phase 2 Subdivision
- Temp. #38-99 An Ord. to accept the Final Plat of the River Valley Highlands Section 8 Phase 3 Subdivision
- Temp. #39-99 An Ord. to amend Sections 1301.01, 1301.04, 1301.07, 1301.09, 1302.01, 1302.05, 1302.07 and 1302.08 of the Codified Ordinances of the City of Lancaster, Ohio, and Repeal the existing corresponding Sections

SECOND READING

- Temp. #40-99 An Ord. to amend the Zoning Ordinance of the City of Lancaster, Ohio being 2026 Sheridan Dr., from "B-2", Multiple Residence to "C-2" Commercial
- Temp. #41-99 An Ord. to establish the compensation for elected officials: The Mayor, The Auditor, The Council President, Council Members and Council Clerk, for the term commencing January 1, 2000

FIRST READING

- Temp. # 42-99 An Ord. Amending zoning map for the newly acquired property from the Schultz Annexation
- Temp. #43-99 An Ord. to vacate public street right-of-way on the Grand View Addition Plat
- Temp. # 44-99 An Ord. to accept an application for the Schultz Annexation for 11.51 acres in Pleasant Township

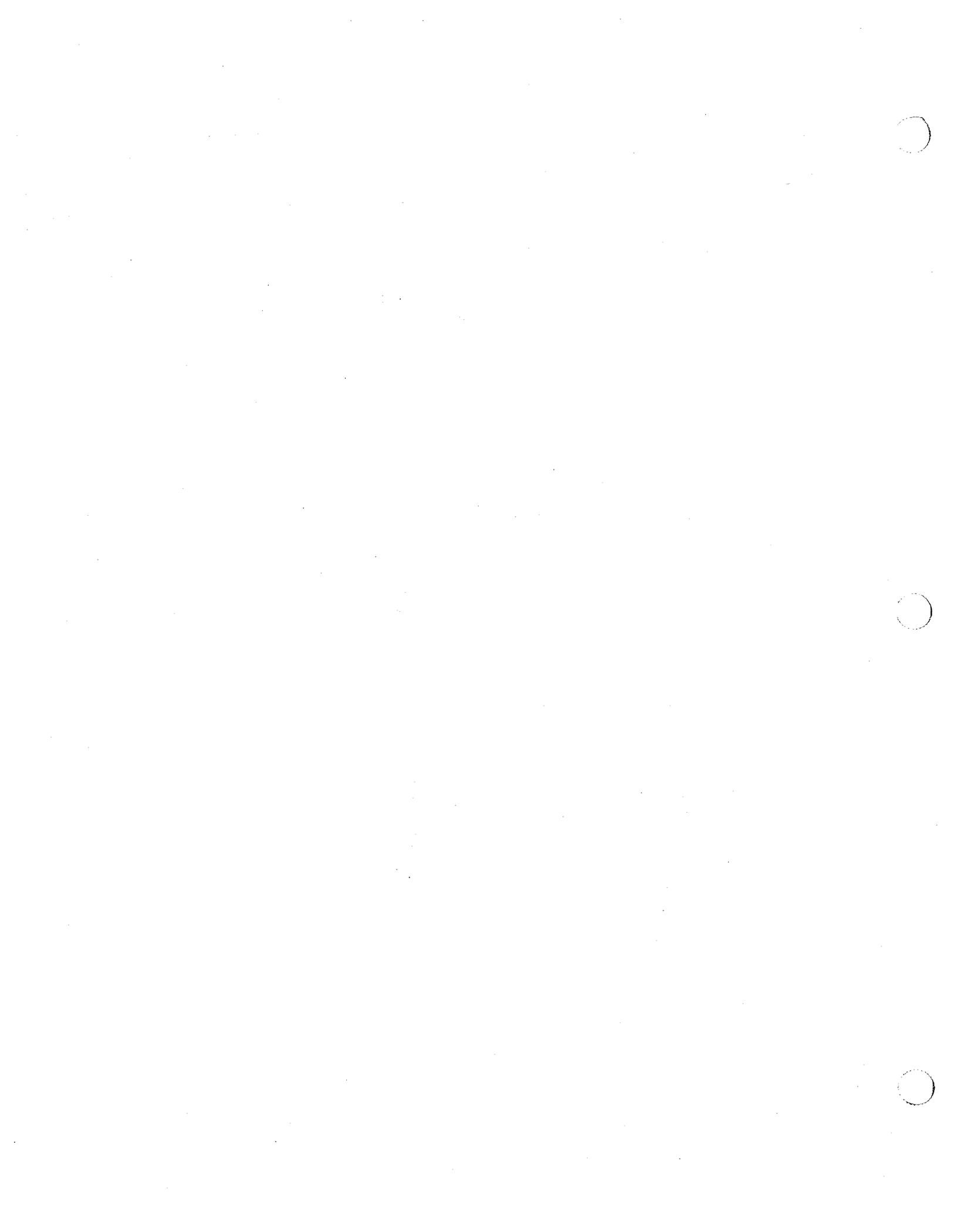
UNFINISHED BUSINESS

NEW BUSINESS

ANNOUNCEMENT OF SCHEDULED MEETINGS

READING OF BILLS

ADJOURNMENT



CITY OF LANCASTER
WATER POLLUTION CONTROL DEPARTMENT

MICHAEL NIXON • *Superintendent*
RICHARD TIPPLE • *Assistant Superintendent*

800 LAWRENCE STREET

(740) 687-6664

FAX (740) 687-6667

LANCASTER, OHIO 43130

MEMO

DATE: July 19, 1999
TO: Mr. Jim Hayes
FROM: Michael Nixon
SUBJECT: Meeting Minutes (6-28-99 City Council/CSO)

Attached, you will find the above referenced meeting minutes. Please add this information to the Long Term Control Plan.

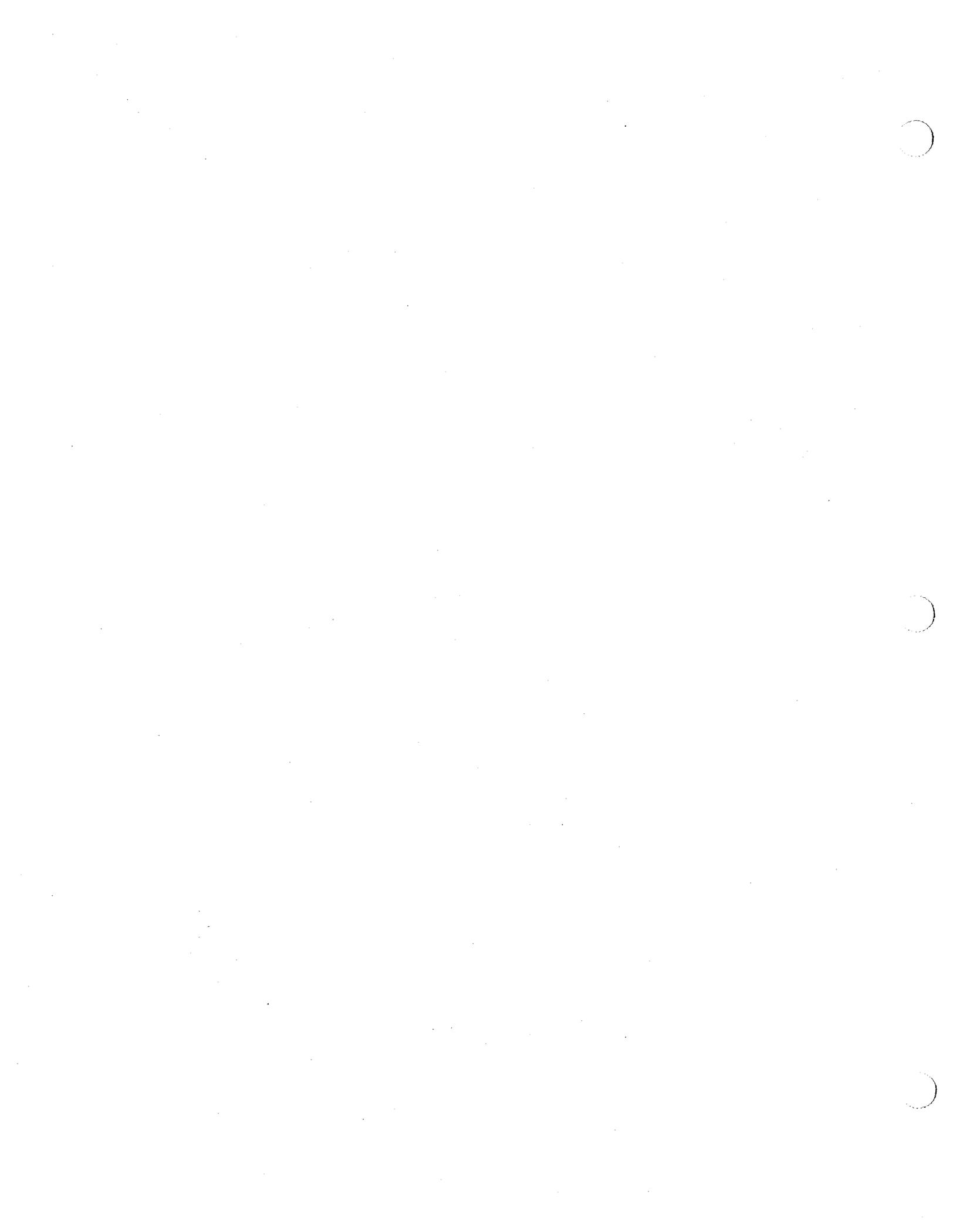
If you have any questions or comments, please contact me at 687-6664.

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Attachment

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LANCASTER CITY COUNCIL**LANCASTER, OHIO****REGULAR COUNCIL MEETING**
June 28, 1999**PRAYER**

President Ubbing led the prayer before Council.

CALL TO ORDER

President Ubbing called the meeting to order at 8:00 p.m. in Council's Chambers, Education Service Center.

PLEDGE OF ALLEGIANCE

President Ubbing led Council in the Pledge of Allegiance.

ROLL CALL

The following members of Council were present; R. Harvey, S. Davis, W. D. Scholl, S. Jackson, K. Metcalf, B. Mallory, C. Tatman, D. Andrews. Mr. Harvey made a motion to excuse Mr. Justus. Motion carried.

READING AND DISPOSING OF THE JOURNAL

The clerk presented the Regular Meeting Minutes of June 14, 1999. Mr. Harvey made a motion receive and file, seconded by Mr. Mallory. Motion carried.

REPORTS OF CITY OFFICIALS

- 1.) Letter from City of Lancaster, Department of Engineering from Richard Mark, Assistant City Engineer re: Change of Zoning Petition, 2413 E. Main St., dated June 17, 1999.
- 2.) Letter from City of Lancaster, Department of Engineering from Richard Mark, Assistant City Engineer re: Street Right-of-Way Vacation Petition, Mound St. in the Grand View Addition, dated June 17, 1999.
- 3.) Report from City of Lancaster, Community Development Department, Frank Melick, Director, re: Current Developments, Volume III, No. 11, dated June 18, 1999.
- 4.) Letter from City of Lancaster Auditor's Office, Mary Green, City Auditor, re: notification of post audit conference on Tuesday, June 29 at 9:00 a.m. to review the 1998 financial and Compliance of the general purpose financial statements of the City of Lancaster.
- 5.) Letter from City of Lancaster, Department of Engineering, Dave Darfus, Code Administrator re: Temp. Ord. 39-99, Building Electrical Code, dated June 23, 1999.
- 6.) Notice of Public Hearing from the Zoning Board of Appeals on July 13, 1999 at 7:15 p.m.
- 7.) Letter from City of Lancaster, Department of Engineering from Richard Mark, Assistant City Engineer, re: State Capital Improvement Program Grant Application fore Round 14, Year 2001 Construction, dated June 28, 1999.
- 8.) Notice of Public Meeting from City of Lancaster, Division of Water, Superintendent Dave Borino on Tuesday, July 6, 1999 at 6:30 p.m., re: installation of water main in and along Memorial Drive from Reber Avenue West to Hillcrest Drive.

Mr. Harvey made a motion to receive and file, seconded by Mr. Mallory. Motion carried.

COMMUNICATIONS

- 1.) Notice of Transfer from the Ohio Division of Liquor Control to MDL, Inc., DBA Tom's Sunoco, 602 E. Main St., Lancaster, Ohio from J.T. Harmon, Inc., DBA Tom's Sunoco, 602 E. Main St., Lancaster, Ohio.
- 2.) Notice of New License from Ohio Division of Liquor Control to Theodore Kevin Scott, DBA Lancaster Citgo, 829 N. High Street, Lancaster, OH 43130.

Mr. Harvey made a motion to receive and file, seconded by Mr. Mallory. Motion carried.

PETITIONS AND MEMORIALS

- 1.) Original Petition re: Street Right-of-Way Vacation, Mound Street in the Grand View Addition, containing six original signatures.
- 2.) Original Petition re: Change of Zoning, 2413 E. Main Street, containing three original signatures.
- 3.) Petition from residents of Marrose Drive requesting the paving of their street.

Mr. Harvey made a motion to receive and file, seconded by Mr. Mallory. Motion carried.

PERMISSION OF VOTERS AND TAXPAYERS TO ADDRESS COUNCIL

Mr. Tom Maher of 111 S. Broad Street addressed Council this evening wishing to introduce himself as the new Superintendent of the Lancaster City Schools. He stated it was an honor to be in attendance tonight and formally greet the City Council. Mr. Maher shared some background information about himself. Mr. Maher stated that he hoped to make a positive impact on the City of Lancaster's school systems and would appreciate and questions or comments in that regard. Mr. Maher also shared his current involvement in a curricular program in which they are working with a consultant that will be producing a report/study on how to deal with growth and what impact this will have. Mr. Maher stated that this was all about partnership and he will do everything he can to please the community.

David Shonk of 133 Ann Court addressed Council voicing his concerns in regards to Ord. Temp. #15-99 on the zoning changes of the Fairfield County Children's Home Property. Mr. Shonk informed Council that they meet with the leasees on two different occasions. Mr. Shonk expressed his discontent with the outcome of both of these meetings as there still is a lot of misunderstandings about the project in reference to it's purpose and the actual need. Further, Mr. Shonk, along with other residents of Ann Court, purchased their homes with the notion that this area to the East would be like a "buffer zone", with nothing being built there. Mr. Shonk expressed his fears of the potential water problem this could cause and what this could do to their property values. With no history of a project of this sort and considering the age groups and type of people who will be living in this facility, Mr. Shonk, speaking for himself and other members of Ann Court, was opposed to this Zoning Change.

Mr. Davis made a motion to go outside the regular order of business, seconded by Mr. Harvey. Motion carried.

Mr. Davis stated, for discussion purposes, he would like to look at the petition before Council as Plan "A" and the petition before the Planning Commission as Plan "B". Mr. Davis recognized Mr. Shonk's concerns however, stated that a lot of the concerns were there under Plan "A" and Plan "B" and questioned why Plan "A" was worse than Plan "B". Mr. Shonk stated that it is more of a solid-road situation with no boundaries to further expansion which he feels can become overwhelming in the area and does not understand the need for the usage.

Mr. Davis made a motion to return to the regular order of business, seconded by Mr. Harvey. Motion carried.

Mr. Garland Hughey of 1812 Marrose Drive addressed Council in regards to the paving of Marrose Drive. Mr. Hughey presented a petition containing 39 original signatures of residents of Marrose drive expressing their wishes of having the street paved as, to their knowledge, the street has not been paved in 36 years.

JUL 19

REPORTS OF STANDING COMMITTEES

- 1.) Meeting minutes of June 14, 1999 from the Finance Committee, submitted by Mr. Andrews.
- 2.) Safety Committee meeting minutes of June 16, 1999, submitted by Mr. Scholl.

Mr. Harvey made a motion to receive and file, seconded by Mr. Mallory. Motion carried.

REPORTS OF SPECIAL COMMITTEES

- 1.) Meeting minutes of June 16, 1999 from Phil Sheldon, Secretary, Zoning Task Force.

Mr. Harvey made a motion to receive and file, seconded by Mr. Mallory. Motion carried.

READING OF RESOLUTIONS

Resolution Temp. #67-99 - Third Reading - Perm #70-99

A RESOLUTION TO INCREASE THE 1999 ESTIMATED RESOURCES WITHIN THE INCOME TAX FUND

Mr. Davis made a motion to pass engross, seconded by Mr. Scholl. Motion carried 8-0.

Resolution Temp. #69-99 - Third Reading - Perm #71-99

A RESOLUTION TO APPROPRIATE FUNDS IN THE INCOME TAX DEPARTMENT

Mr. Davis made a motion to pass engross, seconded by Mr. Andrews. Motion carried 8-0.

Resolution Temp. #72-99 - Second Reading

A RESOLUTION TO ACCEPT THE LANCASTER POLICE SUPERVISOR ASSOCIATION (LPSA) CONTRACT

An Executive Session was called later in the evening.

Resolution Temp. #74-99 - Second Reading

A RESOLUTION TO PROVIDE FUNDING FOR THE GENERAL FUND ADMINISTRATIVE SUPPORT ACCOUNT FOR PAYMENT FOR THE REMAINDER OF 1999

Resolution Temp. #75-99 - Second Reading - Perm #72-99

A RESOLUTION TO AUTHORIZE THE SERVICE-SAFETY DIRECTOR TO SUSPEND WITH COMPETITIVE BIDDING, TO ENTER INTO A CONTRACT WITH PATHMASTER, INC., AND APPROPRIATE FUNDS

Mr. Metcalf made a motion to suspend and waive the third reading, seconded by Mr. Mallory. Motion carried 8-0. Mr. Metcalf made a motion to pass engross, seconded by Mr. Mallory. Motion carried 8-0.

Resolution Temp. #77-99 - Second Reading - Perm #73-99

A RESOLUTION AUTHORIZING THE SERVICE-SAFETY DIRECTOR TO APPLY FOR, AND IF AWARDED, ENTER INTO AN AGREEMENT TO ADMINISTER A DARE GRANT THROUGH THE ATTORNEY GENERAL'S OFFICE

Mr. Davis made a motion to suspend and waive the third reading, seconded by Mr. Tatman. Motion carried 8-0. Mr. Davis made a motion to pass engross, seconded by Mr. Tatman. Motion carried 8-0.

Resolution Temp. #78-99 - First Reading

A RESOLUTION TO REIMBURSE THE LAW DIRECTOR'S ACCOUNT FOR PHONE BILLS PAID FOR THE VICTIM ADVOCATE OUT OF THE LAW DIRECTOR'S PHONE ACCOUNT

Resolution Temp. #79-99 - First Reading

A RESOLUTION AUTHORIZING THE SUBMITTAL OF APPLICATIONS TO THE OHIO PUBLIC WORKS COMMISSION FOR FUNDS TO RESURFACE CERTAIN STREETS, AND TO REPLACE VARIOUS CULVERTS

Resolution Temp. #80-99 - First Reading

A RESOLUTION TO APPROPRIATE FUNDS IN THE STREET DEPARTMENT

Resolution Temp. #81-99 - First Reading - Perm #74-99

A RESOLUTION TO TRANSFER AND APPROPRIATE FUNDS FROM THE GENERAL FUND TO THE COMMUNITY DEVELOPMENT DEPARTMENT TO PURCHASE EQUIPMENT TO BRING THE DEPARTMENT INTO Y2K COMPLIANCE

Mr. Davis made a motion to suspend and waive the second and third readings, seconded by Mr. Andrews. Motion carried 8-0. Mr. Davis made a motion to pass engross, seconded by Mr. Andrews. Motion carried 8-0.

Resolution Temp. #82-99 - First Reading - Perm #75-99

A RESOLUTION TO APPROPRIATE FUNDS FOR Y2K COMPLIANCE

Mr. Davis made a motion to suspend and waive the second and third readings, seconded by Mr. Andrews. Motion carried 8-0. Mr. Davis made a motion to pass engross, seconded by Mr. Andrews. Motion carried 8-0.

Resolution Temp. #83-99 - First Reading - Perm #76-99

A RESOLUTION TO APPROPRIATE FUNDS WITHIN THE GENERAL FUND BUDGET STABILIZATION ACCOUNT

Mr. Davis made a motion to suspend and waive the second and third readings, seconded by Mr. Scholl. Motion carried 8-0. Mr. Davis made a motion to pass engross. Motion carried 8-0.

Resolution Temp. #84-99 - First Reading - Perm #77-99

A RESOLUTION AUTHORIZING THE SERVICE-SAFETY DIRECTOR TO ENTER INTO AN AGREEMENT WITH ODOT TO PURCHASE SODIUM CHLORIDE (ROCK SALT) FOR THE 1999-2000 WINTER SEASON

Mr. Harvey made a motion to suspend and waive the second and third readings, seconded by Mr. Mallory. Motion carried 8-0. Mr. Harvey made a motion to pass engross, seconded by Mr. Mallory. Motion carried 8-0.

Resolution Temp. #85-99 - First Reading - Perm # 78-99

A RESOLUTION INDICATING SERVICES TO BE PROVIDED BY THE MUNICIPAL CORPORATION TO ANNEXED TERRITORY OF THE MORRIS ANNEXATION/1.135 ACRES (1343 SHERIDAN DRIVE) FROM PLEASANT TOWNSHIP

Mr. Davis made a motion to suspend and waive the second and third readings, seconded by Mr. Metcalf. Motion carried 8-0. Mr. Davis made a motion to pass engross, seconded by Mr. Metcalf. Motion carried 8-0.

READING OF ORDINANCES

Ordinance Temp. #30-99 - Third Reading - Perm #32-99

AN ORDINANCE TO AMEND ORDINANCE 71-98 TO REVISE THE ENVIRONMENTAL SPECIALIST POSITION

Mr. Scholl made a motion to pass engross, seconded by Mr. Andrews. Motion carried 8-0.

Ordinance Temp. #31-99 - Third Reading - Perm #33-99

AN ORDINANCE TO AMEND ORDINANCE 70-98 TO ADD AN ENVIRONMENTAL TECHNICIAN POSITION

Mr. Andrews made a motion to pass engross, seconded by Mr. Scholl. Motion carried 8-0.

JUL 19

Ordinance Temp. #32-99 - Third Reading - Perm #34-99

AN ORDINANCE TO AMEND ORDINANCE 70-98 TO ADD A JUNIOR TAX AUDITOR
Mr. Davis made a motion to pass engross, seconded by Mr. Andrews. Motion carried 8-0.

Ordinance Temp. #33-99 - Third Reading - Perm #35-99

AN ORDINANCE TO ACCEPT THE FINAL PLAT OF THE RIVER VALLEY HIGHLANDS
SECTION 7 PHASE 1 SUBDIVISION

Mr. Mallory made a motion to pass engross, seconded by Mr. Tatman. Motion carried 8-0.

Ordinance Temp. #34-99 - Third Reading - Perm # 36-99

AN ORDINANCE TO ACCEPT THE FINAL PLAT OF THE RIVER VALLEY HIGHLANDS
SECTION 7 PHASE 2 SUBDIVISION

Mr. Mallory made a motion to pass engross, seconded by Mr. Tatman. Motion carried 8-0.

Ordinance Temp. #35-99 - Third Reading - Perm #37-99

AN ORDINANCE TO ACCEPT THE FINAL PLAT OF THE RIVER VALLEY HIGHLANDS
SECTION 7 PHASE 3 SUBDIVISION

Mr. Mallory made a motion to pass engross, seconded by Mr. Tatman. Motion carried 8-0.

Ordinance Temp. #36-99 - Third Reading - Perm #38-99

AN ORDINANCE TO ACCEPT THE FINAL PLAT OF THE RIVER VALLEY HIGHLANDS
SECTION 8 PHASE 1 SUBDIVISION

Mr. Mallory made a motion to pass engross, seconded by Mr. Tatman. Motion carried 8-0.

Ordinance Temp. #37-99 - Third Reading - Perm # 39-99

AN ORDINANCE TO ACCEPT THE FINAL PLAT OF THE RIVER VALLEY HIGHLANDS
SECTION 8 PHASE 2 SUBDIVISION

Mr. Mallory made a motion to pass engross, seconded by Mr. Tatman. Motion carried 8-0.

Ordinance Temp. #38-99 - Third Reading - Perm # 40-99

AN ORDINANCE TO ACCEPT THE FINAL PLAT OF THE RIVER VALLEY HIGHLANDS
SECTION 8 PHASE 3 SUBDIVISION

Mr. Mallory made a motion to pass engross, seconded by Mr. Tatman. Motion carried 8-0.

Ordinance Temp. #39-99 - Third Reading - Perm #41-99

AN ORDINANCE TO AMEND SECTIONS 1301.01, 1301.04, 1301.07, 1301.09, 1302.01,
1302.05, 1302.07 AND 1302.08 OF THE CODIFIED ORDINANCES OF THE CITY OF
LANCASTER, OHIO AND REPEAL THE EXISTING CORRESPONDING SECTIONS

Mr. Harvey made a motion to amend as discussed at the Public Hearing held prior to tonight's
Regular session, seconded by Mr. Tatman. Motion carried 8-0. Mr. Harvey made a motion to pass
engross, seconded by Mr. Tatman. Motion carried 8-0.

Ordinance Temp. #40-99 - Second Reading

AN ORDINANCE TO AMEND THE ZONING ORDINANCE OF THE CITY OF LANCASTER,
OHIO BEING 2026 SHERIDAN DRIVE, FROM "B-2", MULTIPLE RESIDENCE TO "C-2"
COMMERCIAL

A Public Hearing will be held on 8/9/99 at 8:00 or following Regular Council.

Ordinance Temp. #41-99 - Second Reading

AN ORDINANCE TO ESTABLISH THE COMPENSATION FOR ELECTED OFFICIALS: THE
MAYOR, THE AUDITOR, THE COUNCIL PRESIDENT, COUNCIL MEMBERS AND
COUNCIL CLERK, FOR THE TERM COMMENCING JANUARY 1, 2000.

Ordinance Temp. #42-99 - First Reading

AN ORDINANCE AMENDING ZONING MAP FOR THE NEWLY ACQUIRED PROPERTY FROM THE SCHULTZ ANNEXATION

A Public Hearing will be held on 8/23/99 at 6:45 p.m. in Council's Chambers.

Ordinance Temp. # 43-99 - First Reading

AN ORDINANCE TO VACATE A PUBLIC STREET RIGHT-OF-WAY ON THE GRAND VIEW ADDITION PLAT

A Public Hearing will be held on 8/23/99 at 6:55 p.m. in Council's Chambers.

Ordinance Temp. #44-99 - First Reading

AN ORDINANCE TO ACCEPT AN APPLICATION FOR THE SCHULTZ ANNEXATION FOR 11.51 ACRES IN PLEASANT TOWNSHIP

A Public Hearing will be held on 8/23/99 at 6:45 in Council's Chambers.

LEGISLATION REMOVED FROM THE TABLE

Ordinance Temp. 15-99 - Tabled after Third Reading

AN ORDINANCE TO AMEND THE ZONING ORDINANCE OF THE CITY OF LANCASTER, OHIO BEING A PART OF THE SOUTHWEST QUADRANT OF THE FAIRFIELD COUNTY CHILDREN'S HOME PROPERTY, EAST MAIN STREET, FROM "A" SINGLE RESIDENCE TO "C-2" COMMERCIAL.

Mr. Mallory made a motion to remove from the table, seconded by Mr. Harvey. Motion carried 6-2 with Mr. Scholl and Mr. Tatman casting the nay votes. Mr. Mallory made a motion to pass engross. Motion fails 2-6 with Mr. Harvey, Mr. Scholl, Mr. Jackson, Mr. Metcalf, Mr. Mallory and Mr. Tatman casting the nay votes.

Ordinance Temp. 29-99 - Tabled after Third Reading - Perm #42-99

AN ORDINANCE TO AMEND THE ZONING ORDINANCE OF THE CITY OF LANCASTER, OHIO BEING THE BACK OF THE PROPERTY AT 840 SOUTH COLUMBUS STREET BORDERING THE HOCKING RIVER & SOUTH MAPLE STREET, FROM "A", SINGLE RESIDENCE TO "E" HEAVY INDUSTRIAL

Mr. Mallory made a motion to remove from the table, seconded by Mr. Davis. Motion carried 8-0. Mr. Mallory made a motion to pass engross, seconded by Mr. Davis. Motion carried 8-0.

Mr. Davis spoke in regards to Ord. Temp. #25-99. He stated that he and the Law Director spoke on Friday about the finalization of revisions to this piece of legislation. Mr. Davis stated that on Friday there were other issues that were more pressing, therefore, the Sound Ordinance will be brought back at the first meeting in August. Mr. Davis expressed his apologies for the delay.

UNFINISHED BUSINESS

There was no Unfinished Business.

NEW BUSINESS

There was no New Business.

EXECUTIVE SESSION

Mr. Davis made a motion to go into Executive Session in regards to the undivided Local Government Fund litigation, seconded by Mr. Harvey. Motion carried 8-0.

Mr. Davis made a motion to go into Executive Session concerning the current labor issues regarding LPSA contract. Motion seconded by Mr. Harvey. Motion carried 8-0.

Mr. Davis made a motion to go into Executive Session in regards to discussing current health audit and possibilities of imminent litigation, seconded by Mr. Tatman. Motion carried 8-0.

Mr. Harvey made a motion to return to the regular order of business, seconded by Mr. Tatman. Motion carried.

ANNOUNCEMENT OF SCHEDULED MEETINGS

Next Regular Council is 8/9/99 at 7:00 p.m. in Council's Chambers, Lancaster Education Center.

Public Hearings

8/9/99 Ord. Temp. #40-99 at 8:00 p.m. in Council's Chambers, Education Center

8/23/99 Ord. Temp. #42-99/#44-99 at 6:45 in Council's Chambers, Education Center

8/23/99 Ord. Temp. #43-99 at 6:55 p.m. in Council's Chambers, Education Center

READING OF BILLS

The following bills were presented to Council for payment:

Burns, Bertsch & Harris	\$6,096.60
------------------------------------	-------------------

Mr. Harvey made a motion to pay the bills, seconded by Mr. Mallory. Motion carried.

CSO MEETING

Mr. Andrews turned the meeting over to Mike Nixon, Superintendent of the City of Lancaster Water Pollution Control Department. Mr. Nixon stated that this would be one of two meetings held in regards to the Long Term Control Plan. Mike Nixon introduced Tom Bulcher of Malcolm Prinie, Inc.

Mr. Bulcher gave a slide presentation regarding the development of a Combined Sewer Overflow (CSO) Long Term Control Plan for the City of Lancaster. Copies of the slide presentation are attached. Mr. Bulcher stated that this first meeting is a backdraft of information that has been gathered for the development of the Long Term Control Plan. Mr. Bulcher informed Council that the second meeting will be held some time in October, November. At that point, some of the alternatives will be discussed in reference to the developments and evaluations of the Long Term Plan.

Following Mr. Bulcher's presentation, questions and comments were invited.

Mr. Davis questioned Where CSO 5 was located. Mr. Mike Wilson of Malcolm Prinie answered East of Maple street, near the railroad bridge.

Mr. Harvey questioned the monitorization of the flow from the trailer park that discharges to the Hocking and where the stream is monitored. Mr. Nixon stated that they currently do not monitor the trailer park. The trailer park is required to monitor their discharge themselves and report it to the Ohio EPA. However, Mr. Nixon stated, they do monitor the river for fecal coliforms upstream of the plant at Maple Street and downstream of the plant at Sugar Grove Road.

Mr. Harvey questioned why the downtown redevelopment project is combining storm and sanitary sewers again. Mr. Nixon stated that this is result of funding issues as this is a Community Redevelopment Project and funding does not allow for complete separation of sewers in this area.

In follow up, Mr. Bulcher stated that as a part of the Sewer System Extension Study, we need to look for projects that remove storm water from the combined sewer system. We have used this storm sewer project as a credit for storm water removed from the combined sewer system to allow for future growth and development.

Mr. Davis asked if the Ohio EPA will force us to separate all sewers. Mr. Dan Markowitz of Malcolm Pirnie stated that to be one of the benefits of having the Long Term Control Plan. Once approved, there will be no need for separation as there will be no harm to the quality of the water.

Mr. Bulcher stated that the Sanitary Sewer extension Study will support this issue by allowing growth to occur upstream of a CSO system without increasing CSO discharges.

In regards to improvements as a result of this Long Term Plan, Mr. Davis questioned whether we will be within the current 20 year projection of rate increases and funding or will changes be coming. Mr. Nixon stated that there will be some collection system capital project expenditures, however they may not cover the entire cost of recommendations of the Long Term Control Plan, storm sewer expenditures or extensive sewer separation projects, if required.

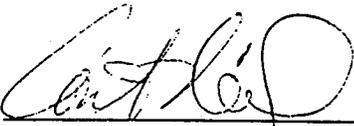
Mr. Harvey questioned how the installation of the flapper valve at Mary Burnham Park helped the flooding on Lake Street and if there were other locations that could benefit from this type of valve. Mr. Nixon believes this has been very beneficial. Although, there has not been a significant storm since installation to put it to the test. Also, there have been several other identified locations where the river was getting into the combined system and the WPCD is planning to abandon these CSO locations.

President Ubbing questioned whether we would be able to accept a new large industrial customer or has our agreement to take flow from Greenfield Township given away some of our capacity. Mr. Nixon stated that this would not be an issue, however, a new large industrial customer could cause acceleration of some of the planned improvements to accommodate the situation.

Mr. Andrews asked Mr. Nixon to discuss the storm sewer at Columbus and Walnut as this will need to be addressed in the near future. Mr. Nixon reported that the new storm sewer cannot be extended to the river under the current funding scenario. The new storm sewer must be connected back to the combined sewer. The 42-inch storm sewer is going to be downsized to a 12-inch connection prior to connecting to the combined sewer. This could result in water backup through the catch basins to the streets. Thus, there is a need to complete this project by extending the storm sewer out to the river.

ADJOURNMENT

Mr. Davis made a motion to adjourn, seconded by Mr Harvey. Motion carried.



Cori A. Neil, Clerk of Council

Mr. Harvey made a motion to return to the regular order of business, seconded by Mr. Tatman. Motion carried.

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In follow up, Mr. Bulcher stated that as a part of the Sewer System Extension Study, we need to look for projects that remove storm water from the combined sewer system. We have used this storm sewer project as a credit for storm water removed from the combined sewer system to allow for future growth and development.



July 9, 1999

Mr. Mike Nixon
WPCD Superintendent
City of Lancaster WPCD
800 South Lawrence Street
Lancaster, OH 43130

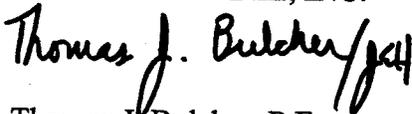
Re: Water Pollution Control Department
Wastewater Collection System Evaluation
CSO Long Term Control Plan June 28, 1999 Public Meeting-Meeting Minutes

Dear Mr. Nixon:

Enclosed are meeting minutes for the above referenced CSO Long Term Control Plan Public Meeting held on June 28, 1999. These are transmitted for your records. Please send us any documentation of the meeting published by the City Council. We will include this with the other documentation we are collecting for the Long Term Control Plan. If you have any questions regarding the enclosed information, please let us know.

Very truly yours,

MALCOLM PIRNIE, INC.



Thomas J. Bulcher, P.E.
Senior Associate

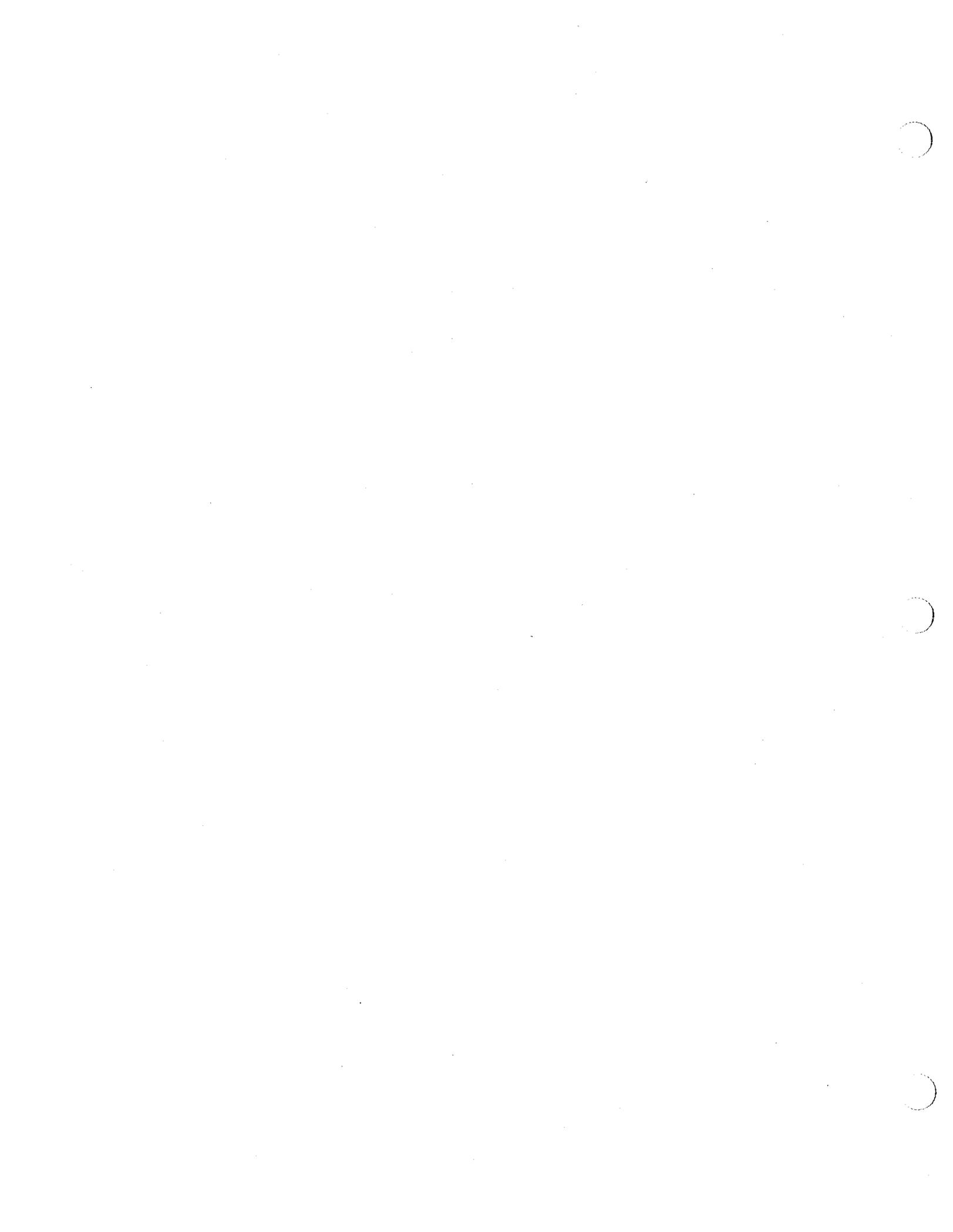
mnixon.mm.lot.doc/jeh

Enclosures

c: Arthur M. Wallace, Mayor
Earl H. Strawn, Service-Safety Director
L. Kent Huston, P.E., City Engineer
Paul Menz, WPCD Assistant Superintendent
Cori Neil, City Council Clerk
Robert Ubbing, City Council, President
Dwight Andrews, City Council
Jan Rice, Ohio EPA Central District Office
Gary Stuhlfauth, Ohio EPA Central Office

Karl Justus, City Council
Bill Mallory, City Council
Ken Metcalf, City Council
Steve Jackson, City Council
W. Dean Scholl, City Council
Steve Davis, City Council
Robert Harvey, City Council
Carl Tatman, City Council

0491-028



**CITY OF LANCASTER
WATER POLLUTION CONTROL DEPARTMENT
WASTEWATER COLLECTION SYSTEM EVALUATION**

**COMBINED SEWER SYSTEM LONG TERM CONTROL PLAN
PUBLIC MEETING - JUNE 28, 1999**

MEETING MINUTES

A public meeting for the City of Lancaster Combined Sewer System Long Term Control Plan was held on June 28, 1999 during the regularly scheduled City Council meeting of the City of Lancaster, Ohio. A copy of the following items are attached for reference:

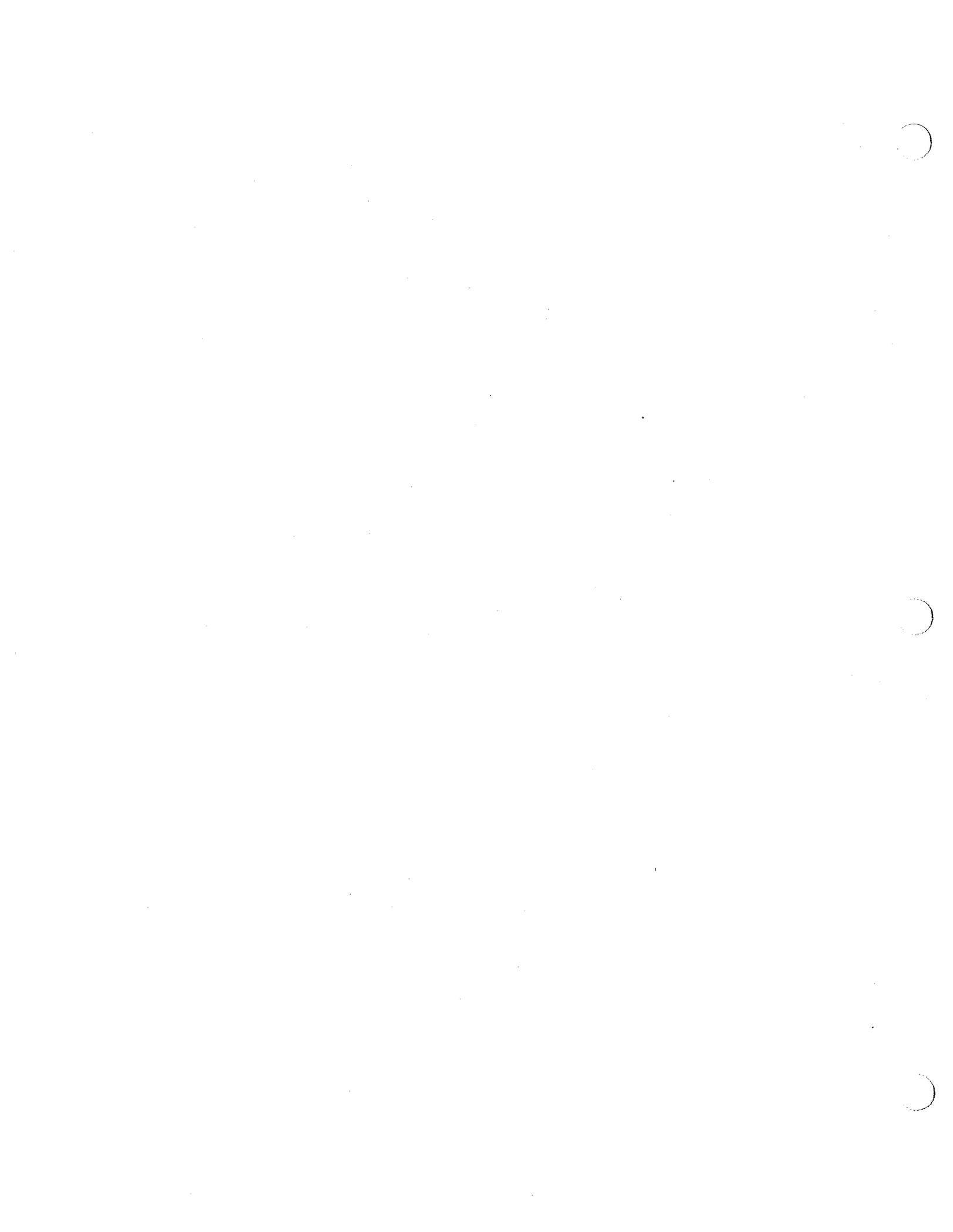
- ▶ Council Meeting agenda,
- ▶ CSO Long Term Control Plan Public Meeting Presentation Summary / Handouts, and
- ▶ CSO Long Term Control Plan Public Meeting attendance list.

Councilman Dwight Andrews introduced Mike Nixon, Superintendent of the City of Lancaster Water Pollution Control Department. Mike Nixon introduced Tom Bulcher of Malcolm Pirnie Inc.

Mr. Bulcher talked for approximately 20 minutes regarding the development of a Combined Sewer Overflow (CSO) Long Term Control Plan for the City of Lancaster. A summary of Mr. Bulcher's presentation is attached along with a copy of the presentation slides. The slides were distributed as handouts to everyone in attendance at the meeting.

Following Mr. Bulcher's presentation, a question and answer session followed:

- Q1. Council Member Steve Davis: Where is CSO 5 specifically?
A1. Mike Wilson (Malcolm Pirnie): East of Maple Street, near the railroad bridge.
- Q2. Council Member Bob Harvey: Do you monitor the flow from the trailer park that discharges to the Hocking? Where is the stream monitored?
A2. Mike Nixon: We currently do not monitor the trailer park. They are required to monitor their discharge themselves and report it to the Ohio EPA. We monitor the river for fecal coliforms upstream of the plant at Maple Street and downstream of the plant at Sugar Grove Road.
- Q3. Council Member Bob Harvey: Can you explain why the downtown redevelopment project is combining storm and sanitary sewers again?
A3. Mike Nixon: This is a Community Redevelopment Project, thus the funding does not allow for complete separation of the sewers in this area. The flow from the new storm and sanitary sewers are recombined and discharged back into the



existing combined sewer system in Walnut Street. That is why we had passed legislation authorizing an engineering contract to extend the new storm sewer to the Hocking River. This sewer will remove the stormwater from the combined sewer system in this area.

Tom Bulcher: As part of the Sewer System Extension Study, we need to look for projects that remove stormwater from the combined sewer system. We have used this storm sewer project as a credit for stormwater removed from the combined sewer system to allow for future development and growth.

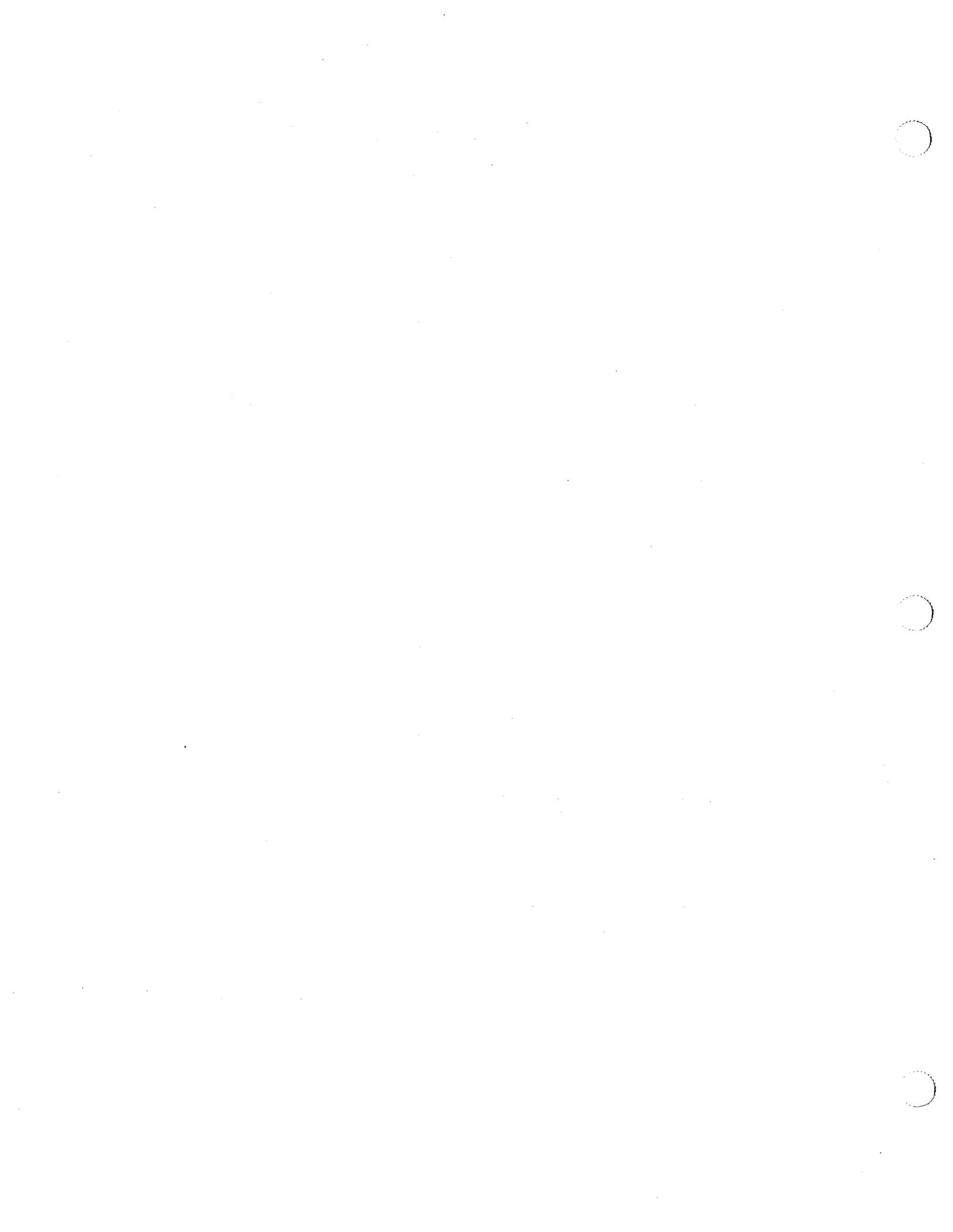
- Q4. Council Member Steve Davis: Will Ohio EPA force us to separate all sewers?
A4. Dan Markowitz (Malcolm Pirnie): That is one of the benefits of the Long Term Control Plan. Once approved, you have no reason to separate your combined sewers because you can demonstrate they don't harm water quality. You shouldn't have to worry about that question until the Ohio EPA comes out with another water quality initiative. Besides, there is some evidence that sewer separation can result in more harm to water quality than combined sewers.

Tom Bulcher (Malcolm Pirnie): The Sanitary Sewer Extension Study will also address this issue by allowing growth to occur upstream of a CSO system without increasing CSO discharges.

- Q5. Council Member Steve Davis: Considering the improvements contained in this Long Term Control Plan, will we be within the current 20 year projection of rate increases and funding or will changes be coming?
A5. Mike Nixon: I have reviewed the 20 year projections, and they do include some collection system capital project expenditures, however they may not cover the entire cost of recommendations of the Long Term Control Plan. Also, as discussed before, the capital improvement projections do not include storm sewer expenditures should those be required nor extensive sewer separation projects.

Tom Bulcher: One of the benefits of the Long Term Control Plan is that we can implement the proposed projects so as to minimize the impact on the rates. We will propose projects that provide the "biggest bang for the buck". In other words, implement projects that return the most CSO reduction for the lowest cost first.

- Q6. Council Member Bob Harvey: How has the installation of the flapper valve at Mary Burnham Park helped the flooding on Lake Street? Are there other locations where these valves could be installed?
A6. Mike Nixon: We believe the flapper valve has helped greatly, although we have not had a significant storm to test it yet. Paul Menz has already reviewed the collection system and the maintenance staff has installed several flap valves to prevent back flow into the system. Also, we have we identified several locations in the combined sewer system where the river was getting into the combined system and we are planning to abandon these CSO locations.



At this point, Mike Nixon introduced Paul Menz and stated he would soon be the assistant wastewater superintendent.

Q7. Council President Bob Ubbing: Has our agreement to take flow from Greenfield Township given away some of our capacity? Will we not be able to accept a new large industrial customer for example?

A7. Mike Nixon: No, we accepted the Greenfield Township area as a regional solution to providing wastewater service to this area with allowance for some growth. That is why we are strongly resisting providing them the additional 200,000 gpd they have been requesting. We have built our facilities with some safety factor to accept a certain amount of growth, however a new large industrial customer could cause us to accelerate some of our planned improvements to accommodate them.

Paul Menz: When considering a new industrial user, remember that they would not just be adding flow, they would also be adding pollutants. We have spare capacity at the plant that could be used to treat the additional pollutants from a new industrial user. Getting the flow to plant is a separate issue.

Q8. Council Member Dwight Andrews: Can you discuss the storm sewer at Columbus and Walnut that we will have to address soon?

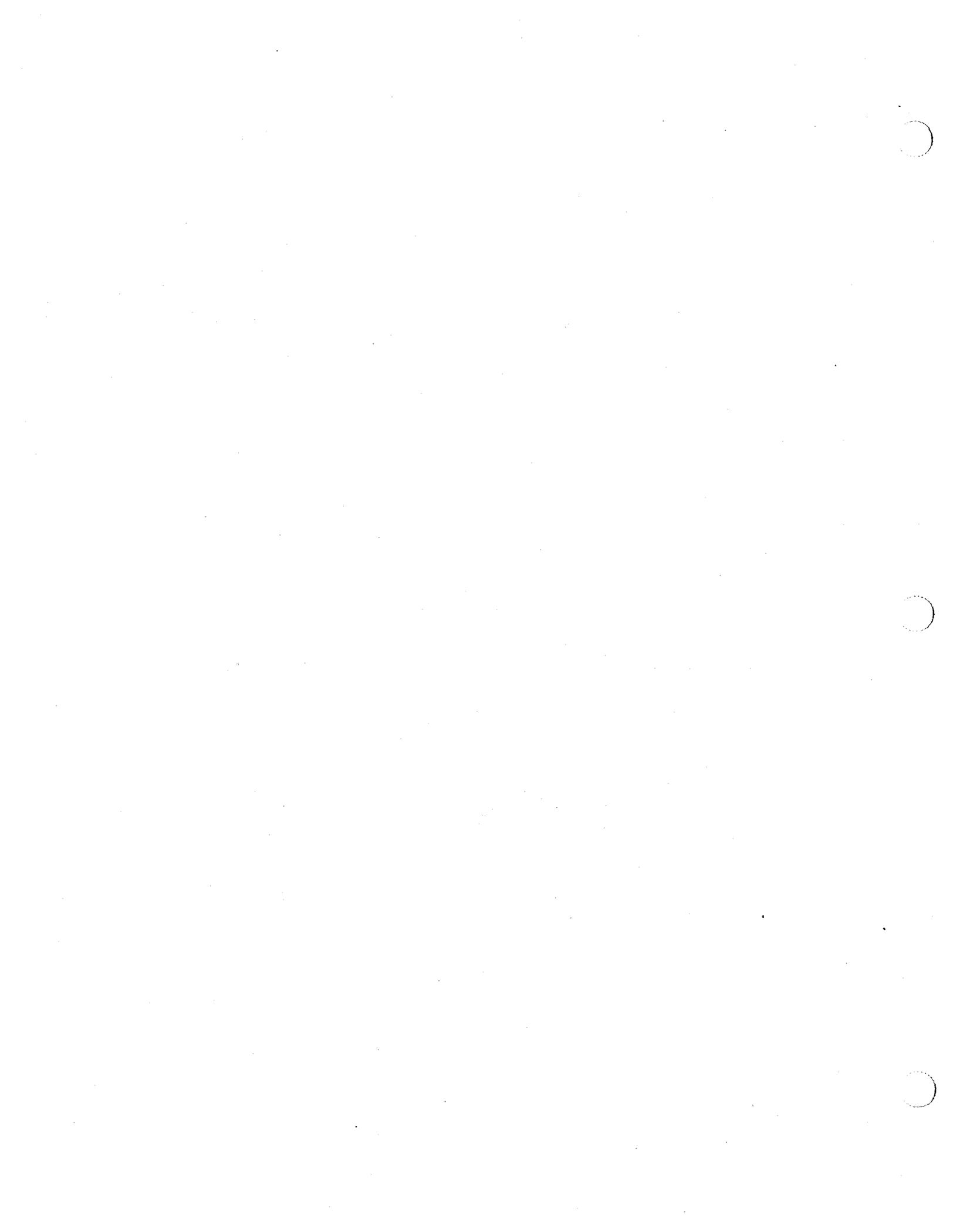
A8. Mike Nixon: Since the new storm sewer cannot be extended to the river under the current funding scenario, the new storm sewer must be connected back to the combined sewer. Thus the 42-inch storm sewer is going to be choked down to a 12-inch connection prior to connecting to the combined sewer. This restriction could result in storm water filling the 42-inch sewer pipe and backing up through the catch basins to the streets. It is therefore necessary for us to complete this project by extending the storm sewer out to the river.

Kent Huston: Keep in mind that all of the stormwater that will be collected in the 42-inch pipe currently flows into the Combined Sewer System, thus the situation we are facing is not as desperate as it sounds.

The above is a summary of the significant questions and answers from the subject meeting. It is not a transcript of the conversations that took place. Please contact the writer with any significant revisions.

Preparer: Jim Hays, Malcolm Pirnie Inc.

- End of Minutes -



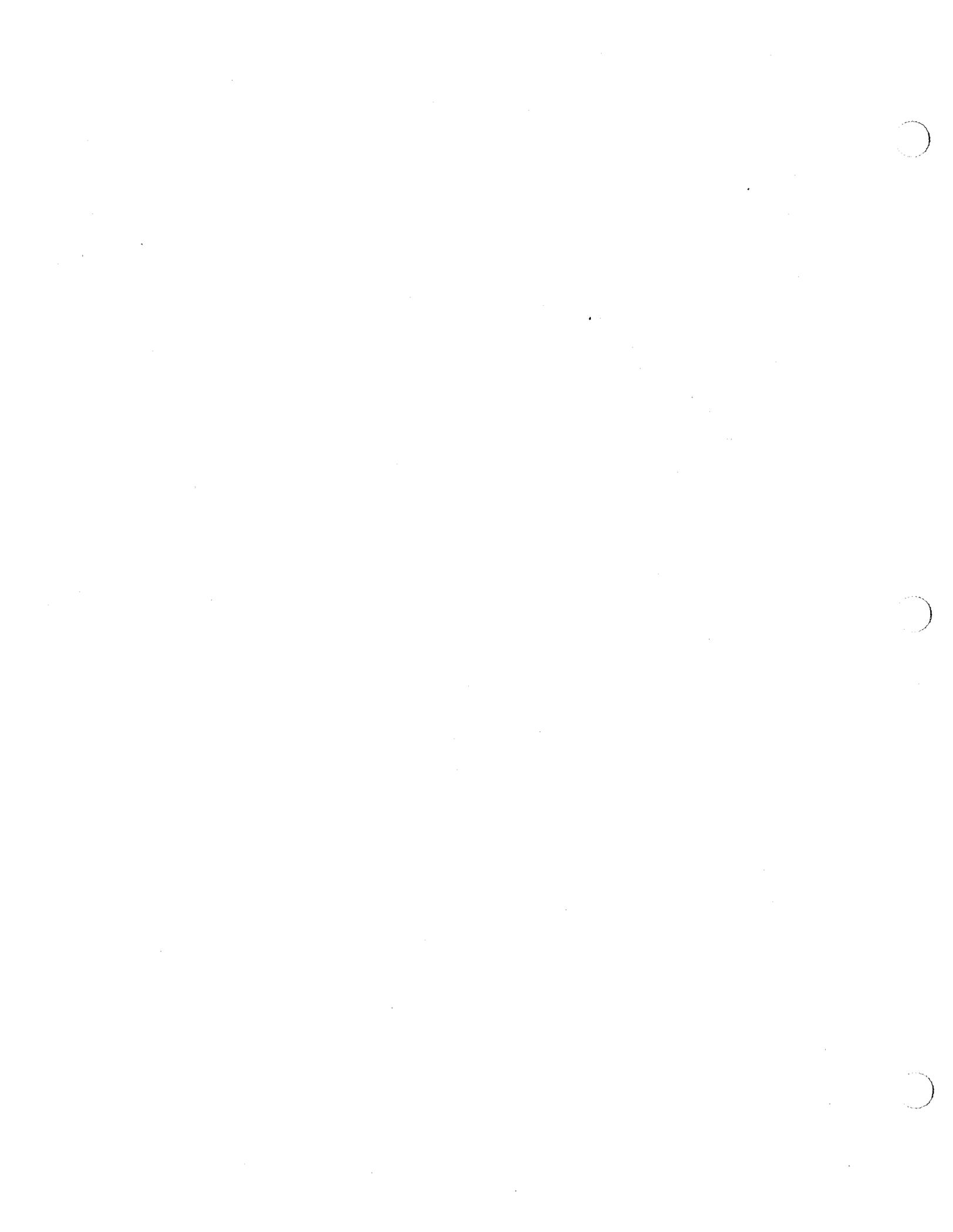
CITY OF LANCASTER, OHIO
 WATER POLLUTION CONTROL DEPARTMENT
 WASTEWATER COLLECTION SYSTEM EVALUATION

LONG-TERM CONTROL PLAN - PUBLIC PARTICIPATION PRESENTATION

JUNE 28, 1999

ATTENDANCE SIGN-IN-SHEET

	<u>Name</u>	<u>Affiliation/Phone</u>
1.	<u>Paul Tatum</u>	_____
2.	<u>Boen Honey</u>	_____
3.	<u>[Signature]</u>	_____
4.	<u>W. Dean Scholl</u>	_____
5.	<u>Steve F. Johnson</u>	_____
6.	<u>Dennis Motz</u>	_____
7.	<u>William Mallory</u>	_____
8.	<u>Bob Ubbing</u>	_____
9.	<u>Kent Heston</u>	<u>Lancaster Engr. Dept. (740) 687-6614</u>
10.	<u>Michael Nixon</u>	<u>City of Lancaster WPCD</u>
11.	<u>Jim Hays</u>	_____
12.	<u>PAUL MEWE</u>	<u>CITY OF LANC. WPCD</u>
13.	<u>Art Wallace</u>	<u>" " " 740-707</u>
14.	<u>Malcolm Pirnie</u>	<u>Malcolm Pirnie 888-4953</u>
15.	<u>Dwight Andrews/jett</u>	<u>City of Lancaster Council</u>
16.	<u>Dr. Dan Markowitz/jett</u>	<u>Malcolm Pirnie</u>
17.	<u>Tom Bulcher</u>	<u>Malcolm Pirnie</u>



City of Lancaster
Combined Sewer System Long Term Control Plan
Summary of June 28, 1999 Presentation

Slide 1:

**Combined Sewer System
Long-Term Control Plan Development
City of Lancaster
June 28, 1999**

Presented by Malcolm Pirnie Inc., Tom Bulcher, P.E.

Slide 2:

1995/1997 Wastewater Collection System Evaluation

- Identify Areas of Basement Flooding and Make Recommendations
- Provide Capacity Characterization of the Collection System
- Address Short and Long-Term Needs (of the Collection System)
- Comply with Ohio EPA CSO Policy

Slide 3:

Separate Sewer System

(Diagram and description)

Slide 4:

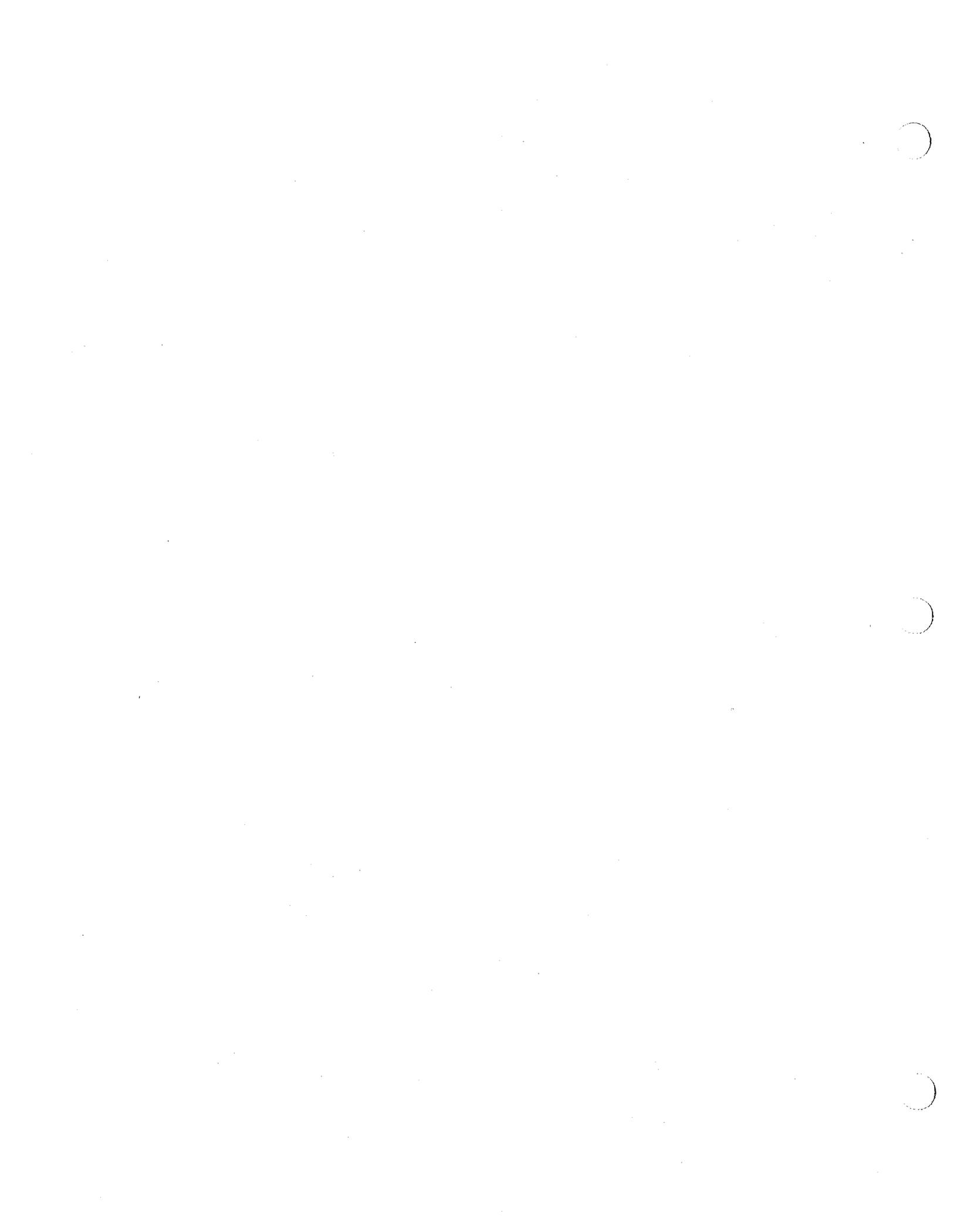
Combined Sewer System

(Diagram and description)

Slide 5:

Dry Weather Flow

(Diagram and definition)



Slide 6:

Wet Weather Flow

(Diagram and definition)

Slide 7:

CSO Regulatory Background

- 1994 National CSO Policy
- Ohio EPA CSO Policy - 1995
- Hocking River Water Quality Study
- NPDES Permit

Slide 8:

NPDES Permit Requirements

- Operational Plan - April 1, 1998
- Characterization Plan - December 1, 1999
- Long-Term Control Plan - June 1, 2000

Slide 9:

Long-Term Control Plan

- "The goal of the plan is that discharges from combined sewer overflows shall not cause or significantly contribute to violations of water quality standards or impairment of designated uses."

Slide 10:

Ohio EPA CSO Policy

- ✓ Operational Plan (Nine Minimum Controls)
- ✓ Wet Weather Stress Testing at WWTP
- ✓ Stream Bacteria Sampling
- ✓ Collection System Characterization
- Long-term Control Plan
 - Sewer System Extension Evaluation



Slide 11:

Long-Term Control Plan

- **Evaluate Stream Water Quality**
- **Evaluate Sewer System Extension Impact**
- **Develop Alternatives**
- **Evaluate Alternatives**
- **Select Long-Term Control Plan**

Slide 12:

1997 Ohio EPA Water Quality Study

Slide 13:

1996 Stream Bacteriological Monitoring

- **Upstream vs. Downstream CSOs**
- **Dry Weather**
- **Wet Weather**

Slide 14:

1998 Biological Water Quality Stream Survey

(Description of Sampling Techniques for Fish and Macroinvertebrates-Bugs)

Slide 15:

City of Lancaster - 1998 Biological Water Quality Stream Survey Sampling Locations

(Description of Sample Sites #1 through #8)



Slide 16:

City of Lancaster - 1998 Biological Water Quality Stream Survey Results

(Only sample site #8 was found to have CSO Impacts. These were from CSO 5 upstream of the site. Also, some of the impact was likely due to dry weather flows from CSO 5 discovered during sampling. The City has recently closed CSO 5 to see if it can be permanently abandoned).

Slide 17:

Hocking River Survey Results

(IBI Scores – Fish. Note Sample Site #8 - Rivermile 89)

Slide 18:

Hocking River Survey Results

(ICI Scores – Bugs. Note Sample Site #8 - Rivermile 89)

Slide 19:

Baldwin Run Survey Results

(IBI Scores – Fish. Note that FR-0.3 Indicates Feters Run Sample Site)

Slide 20:

Baldwin Run Survey Results

(ICI Scores – Bugs. Note the low score at Rivermile 0.7. This is Sample Site #2 on the Baldwin Run at Main Street. This impact appears to be due to habitat issues.



Slide 21:

Non-CSO Impacts in Baldwin Run (Sample Sites #2 & #4)

(Note Sample Site #2 shows impact of much erosion occurring in the stream. The Kroger parking lot is to the left in the picture. Runoff from the parking lot also has impacts on the stream. Sample Site #4 is down by the treatment plant. The photo shows the extensive habitat modifications done to this stretch of the stream including channelization. Note there is also no tree cover over the stream.

Slide 22:

Non-CSO Impacts in Hocking River (Sample Sites #6 & #9)

(These are more examples of modifications to the streams that cause impacts on the fish and bugs. Sample Site #6 is on the Hocking River behind Festival Foods. Note the channelization of the stream and the debris. Sample Site #9 is on the Hocking River near the US 33 bridge. At this location a local mining company had build a small low head dam. This dam backed up the stream flow and impacted the fish and bug scores.

Slide 23:

Sewer System Extension Evaluation

- **Determine Current Population and Flow**
- **Estimate Future Areas of Development**
- **Estimate Future Population and Flow**

Slide 24:

Effect of Future Flows on the Collection System

Use Sewer System Model to:

- **Estimate Existing Annual CSO Discharge Volume**
- **Estimate Future Annual CSO Discharge Volume**
- **Prevent Future Annual CSO Discharge Volume Increases**



Slide 25:

Long-Term Control Plan

Develop Alternatives Based On:

- **Water Quality Improvement by CSO Reduction**
- **Sewer System Extension Evaluation (Future Development)**
- **Condition of Existing Collection System**
- **Public Participation**

Slide 26:

Long-Term Control Plan

Evaluate Alternatives Based on:

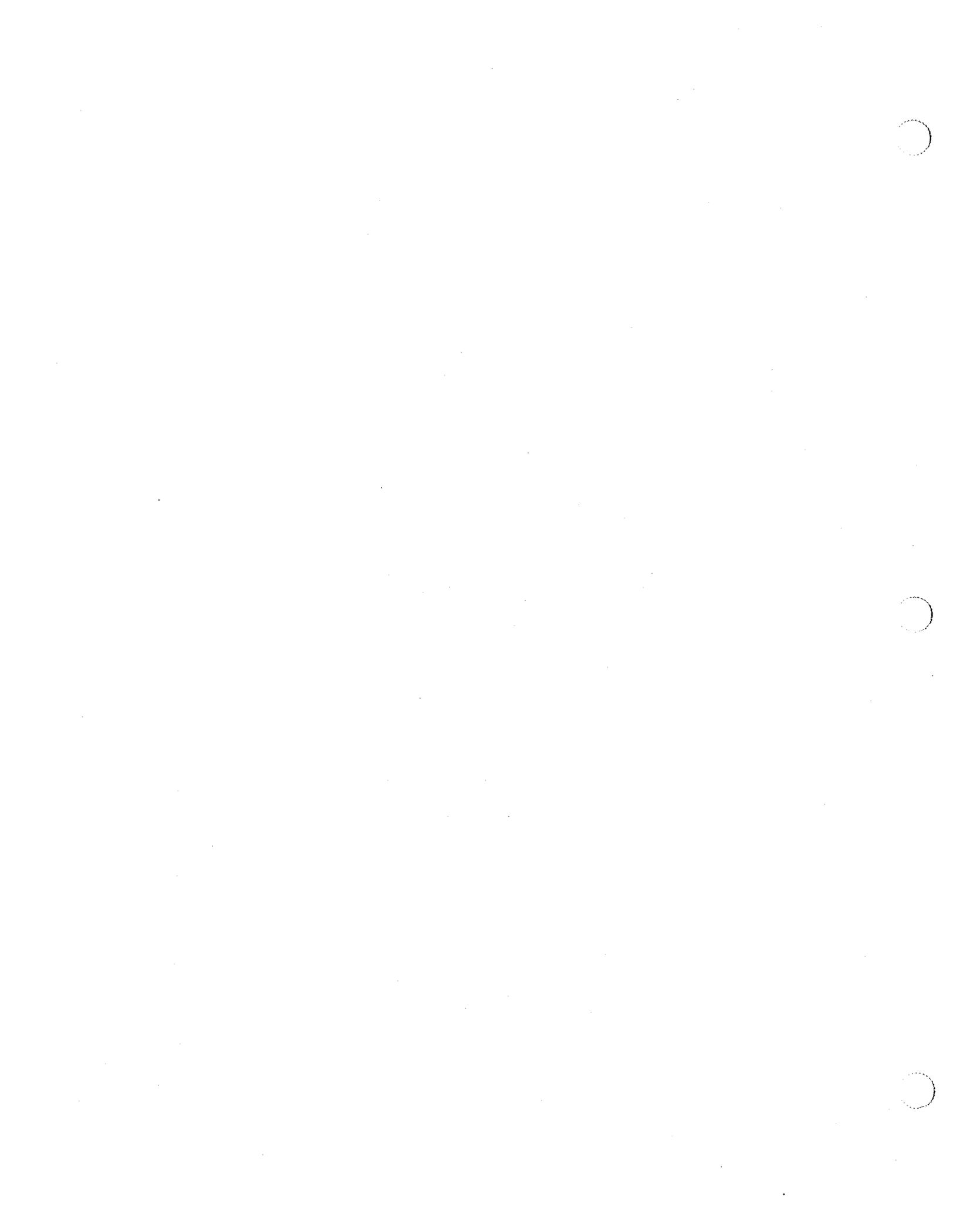
- **Cost**
- **Performance**
- **Financial Capability of Lancaster**
- **Public Input**

Slide 27:

Next Steps for Long-Term Control Plan

- **Complete Development of Alternatives**
- **Complete Evaluation of Alternatives**
- **Present Recommendations at Second Public Meeting**
- **Submit Long-Term Control Plan to Ohio EPA**
- **Implement Long-Term Control Plan**

+ + END OF PRESENTATION + +



**Combined Sewer System
Long-Term Control Plan Development
City of Lancaster
June 28, 1999**

Presented by



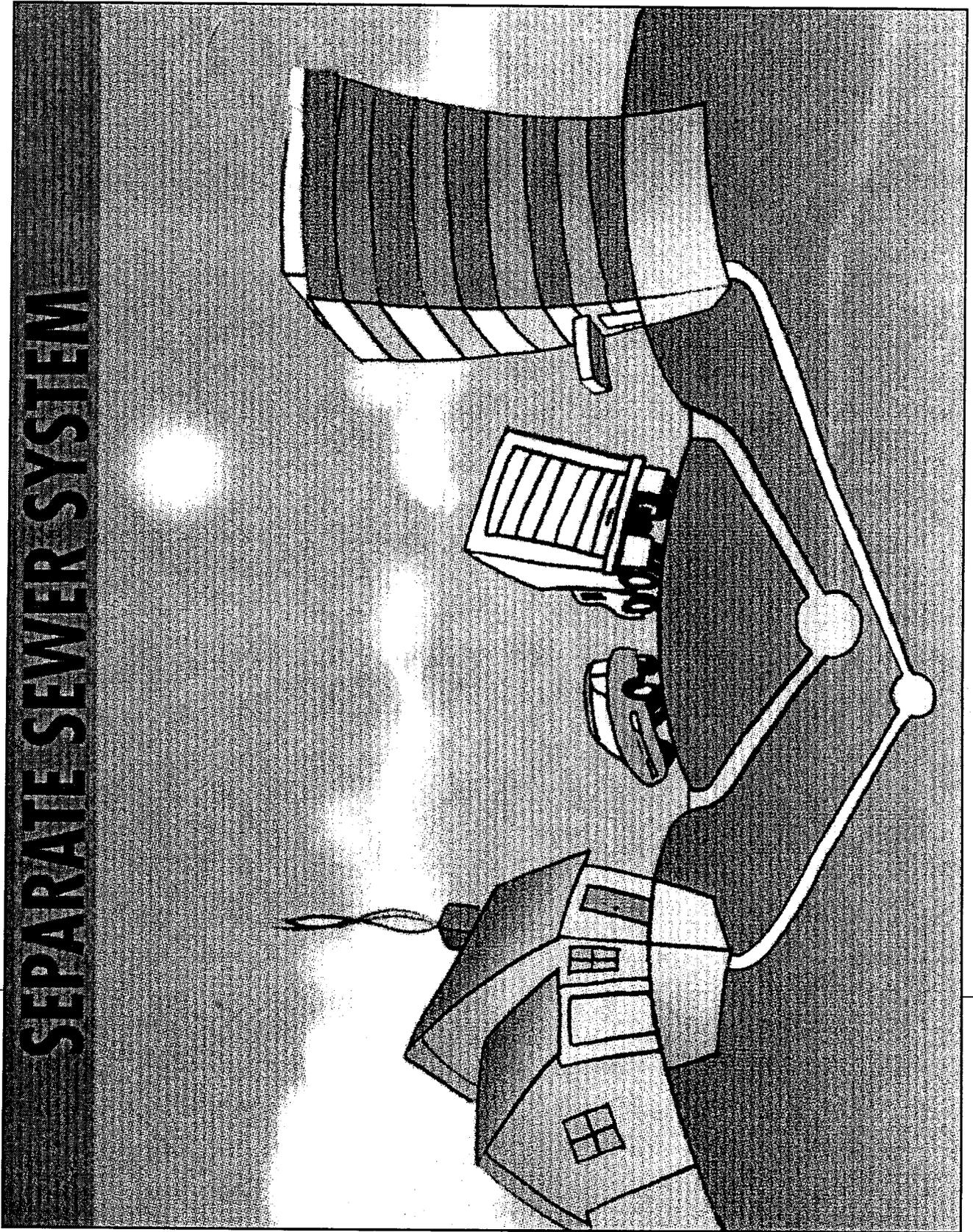


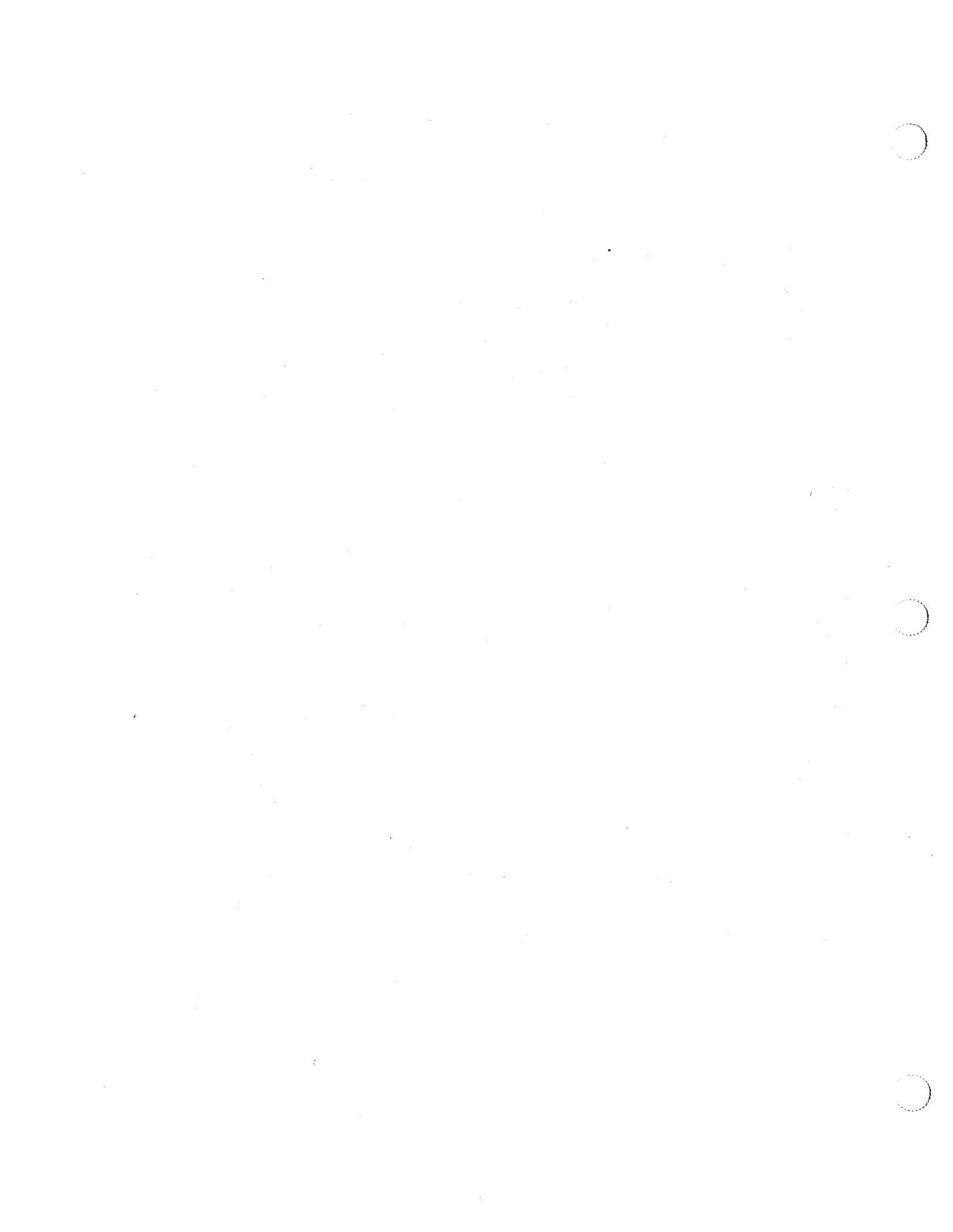
1995/1997 Wastewater Collection System Evaluation

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- **Provide Capacity Characterization of the
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- **Address Short and Long-Term Needs**
- **Comply with Ohio EPA CSO Policy**

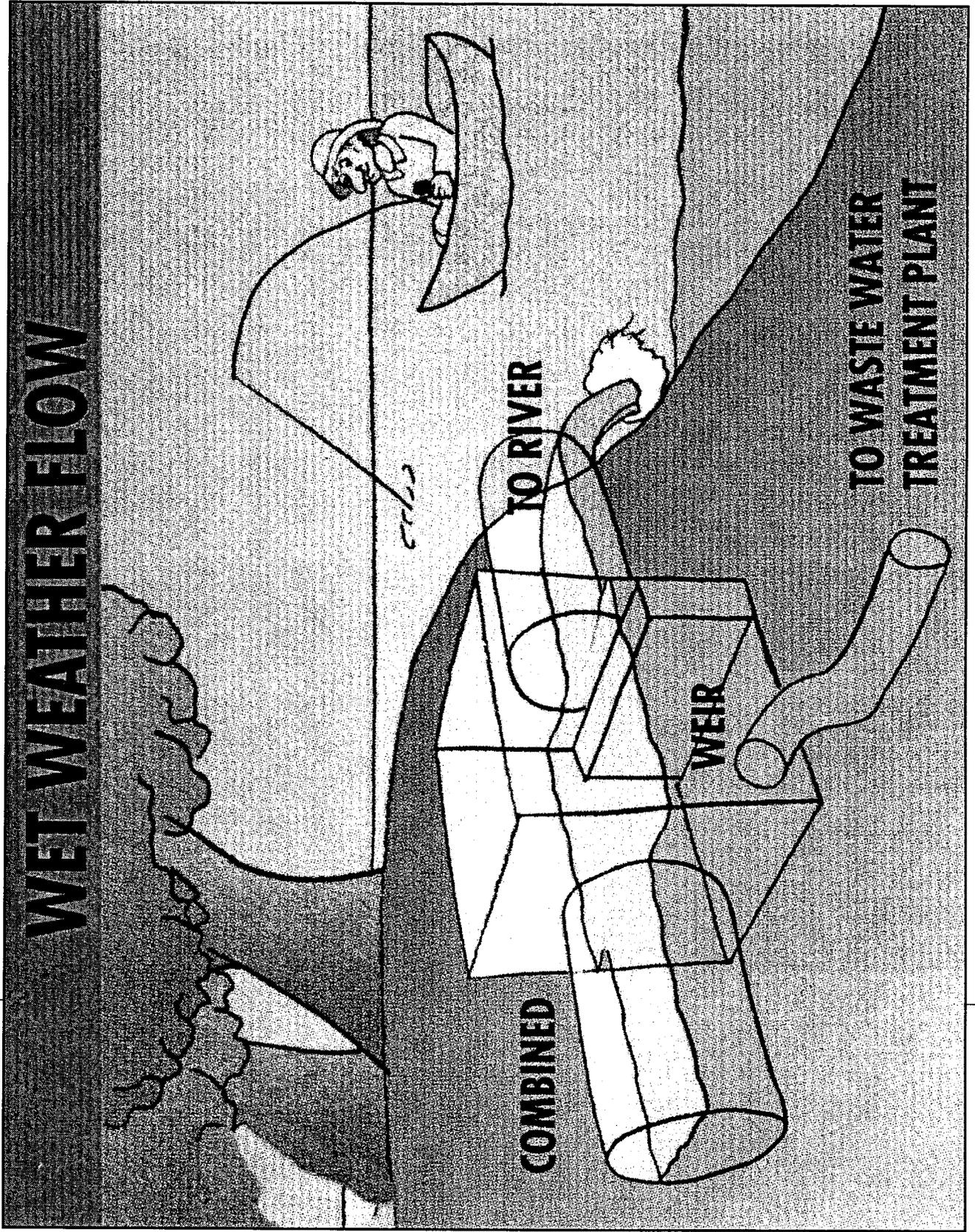


SEPARATE SEWER SYSTEM





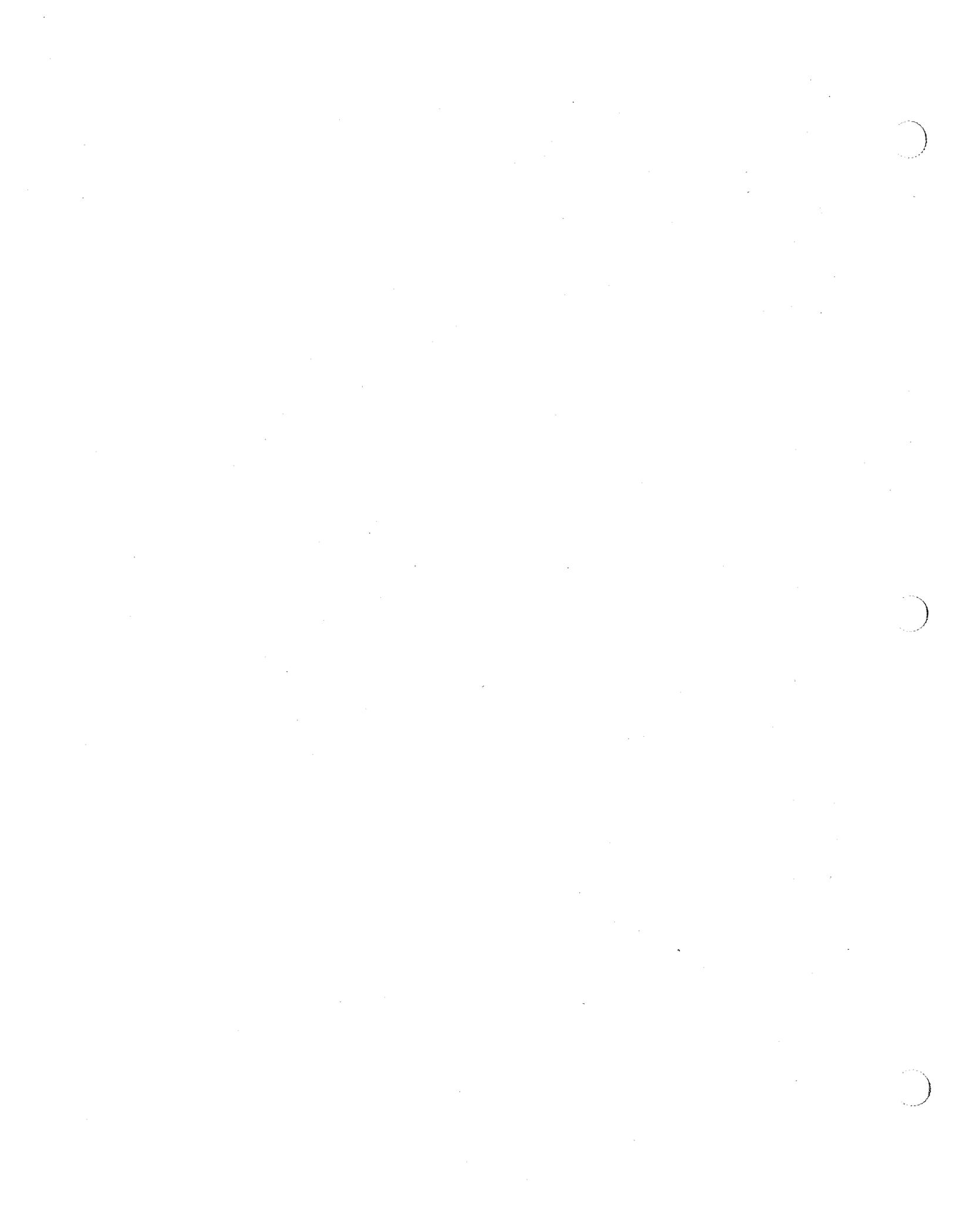
WET WEATHER FLOW



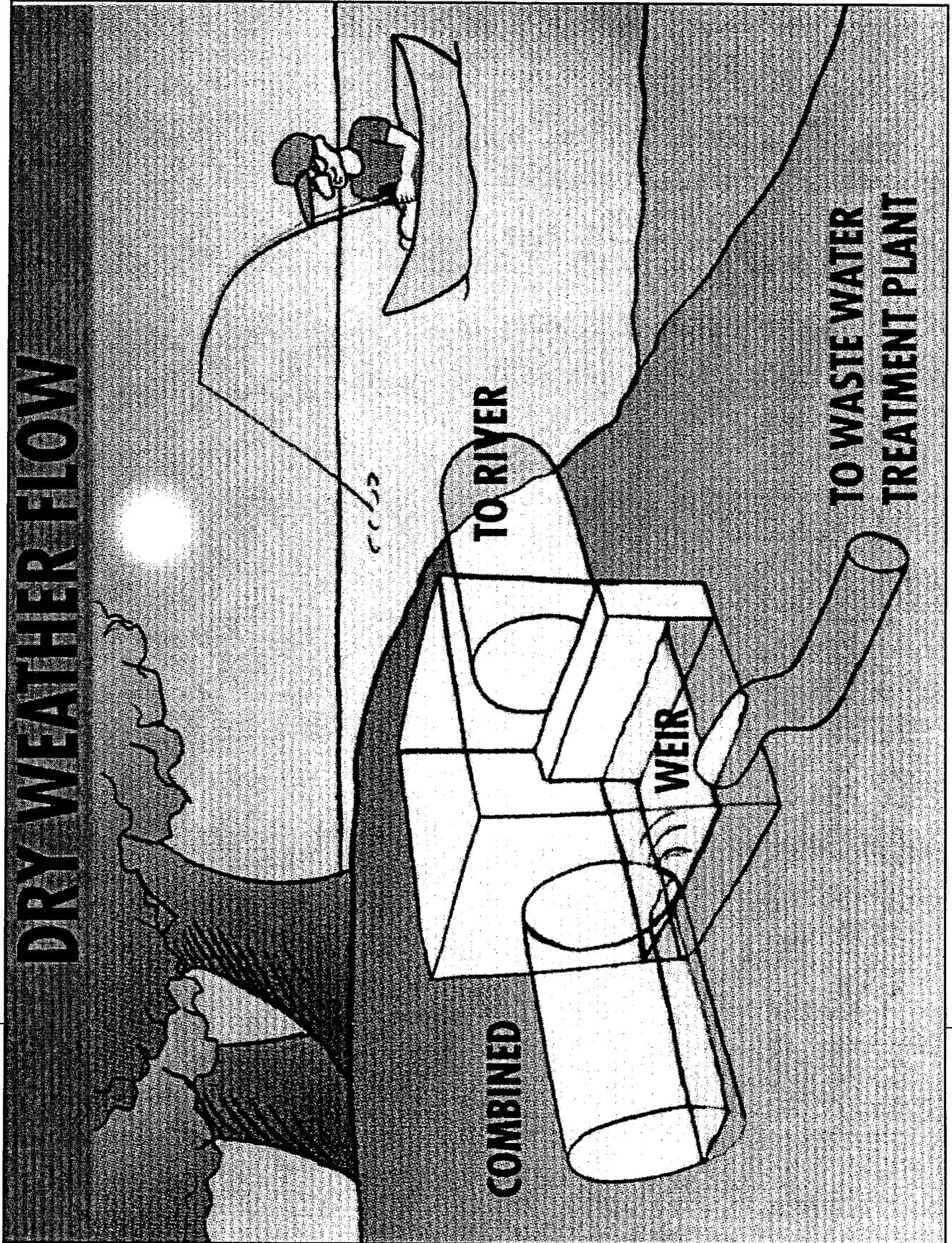


COMBINED SEWER SYSTEM





DRY WEATHER FLOW





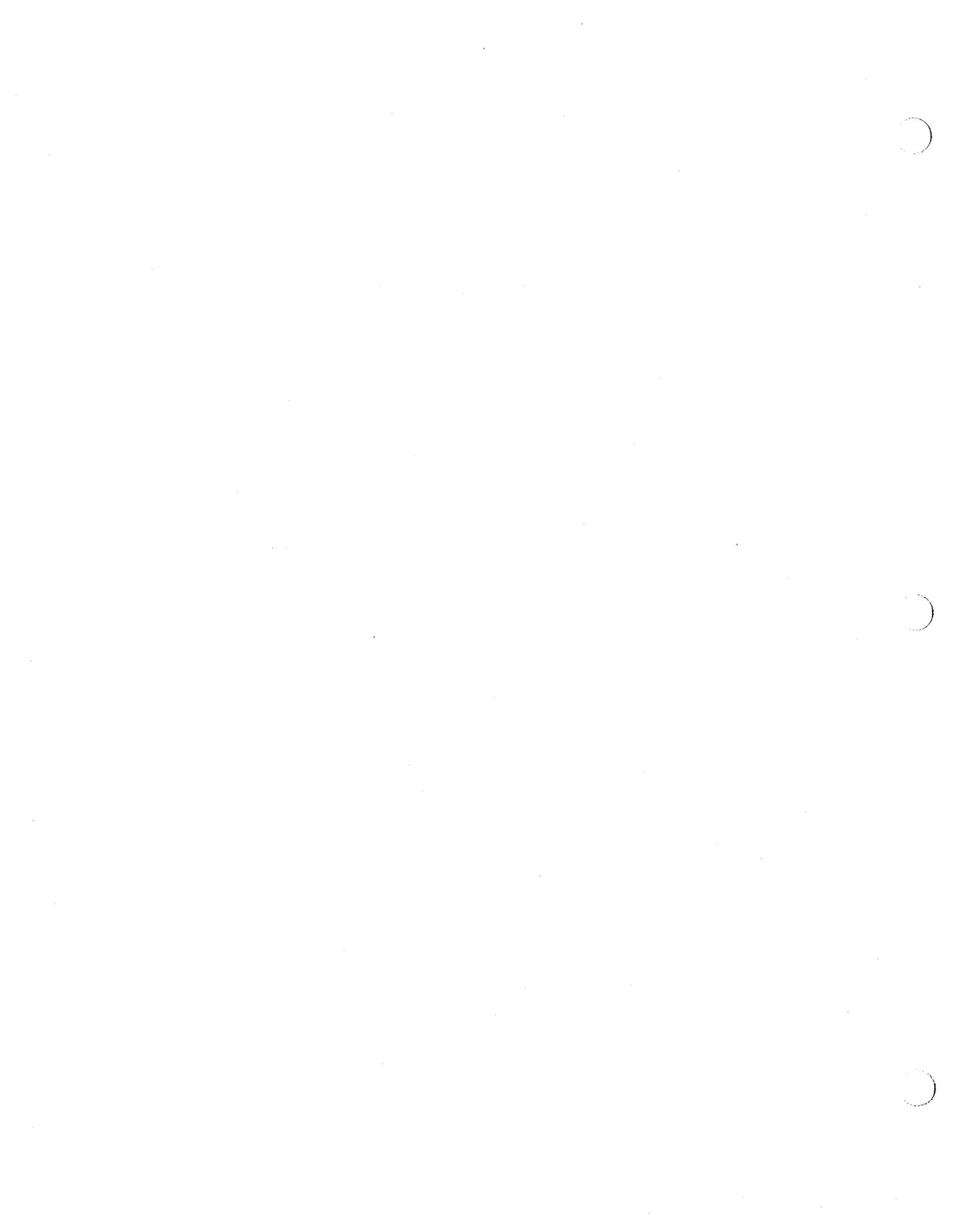
CSO Regulatory Background

- **1994 National CSO Policy**
- **Ohio EPA CSO Policy - 1995**
- **Hocking River Water Quality Study**
- **NPDES Permit**



NPDES Permit Requirements

- **Operational Plan - April 1, 1998**
- **Characterization Plan - December 1, 1999**
- **Long-Term Control Plan - June 1, 2000**



Long-Term Control Plan

- **“The goal of the plan is that discharges from combined sewer overflows shall not cause or significantly contribute to violations of water quality standards or impairment of designated uses.”**

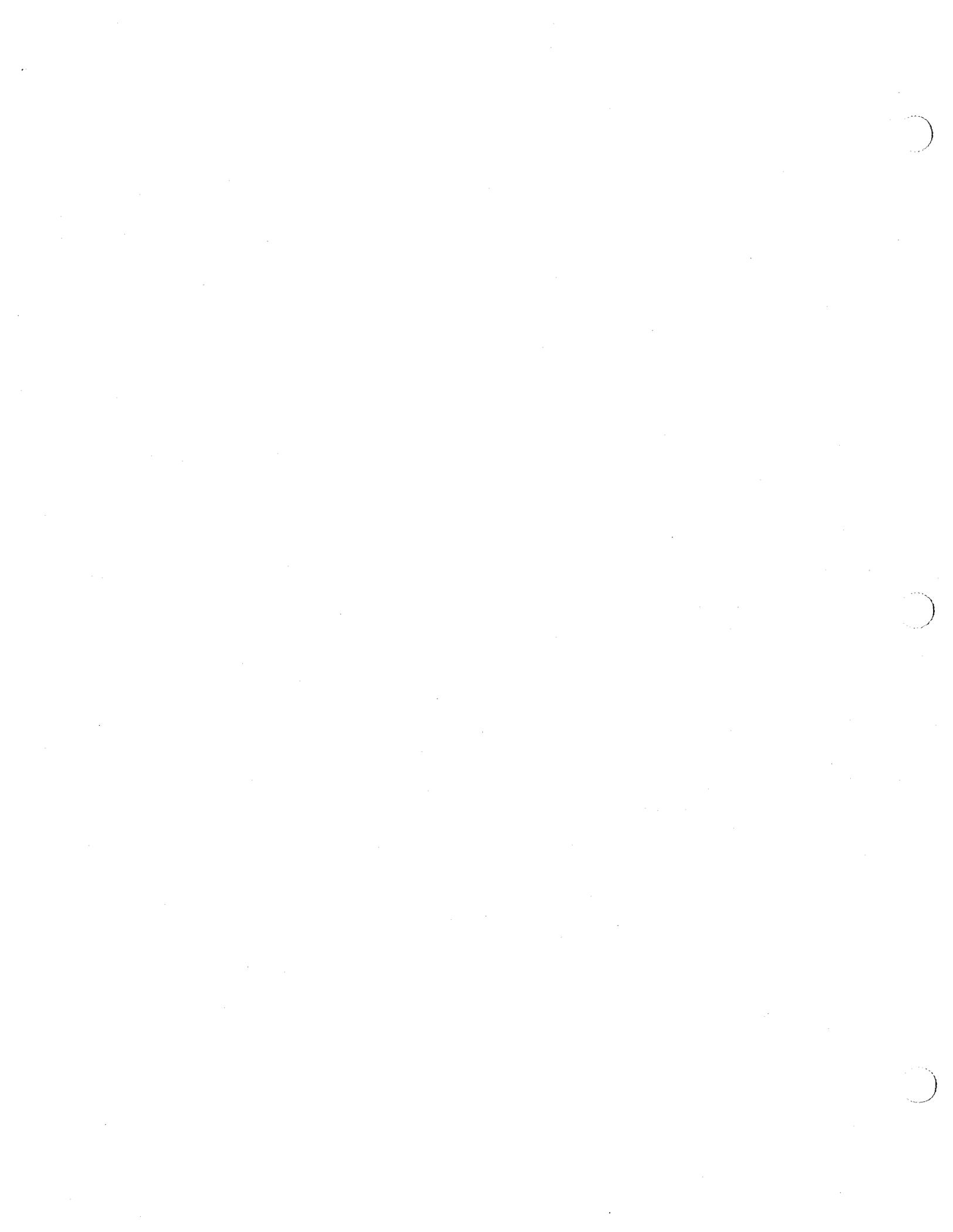
City of Lancaster

NPDES Permit



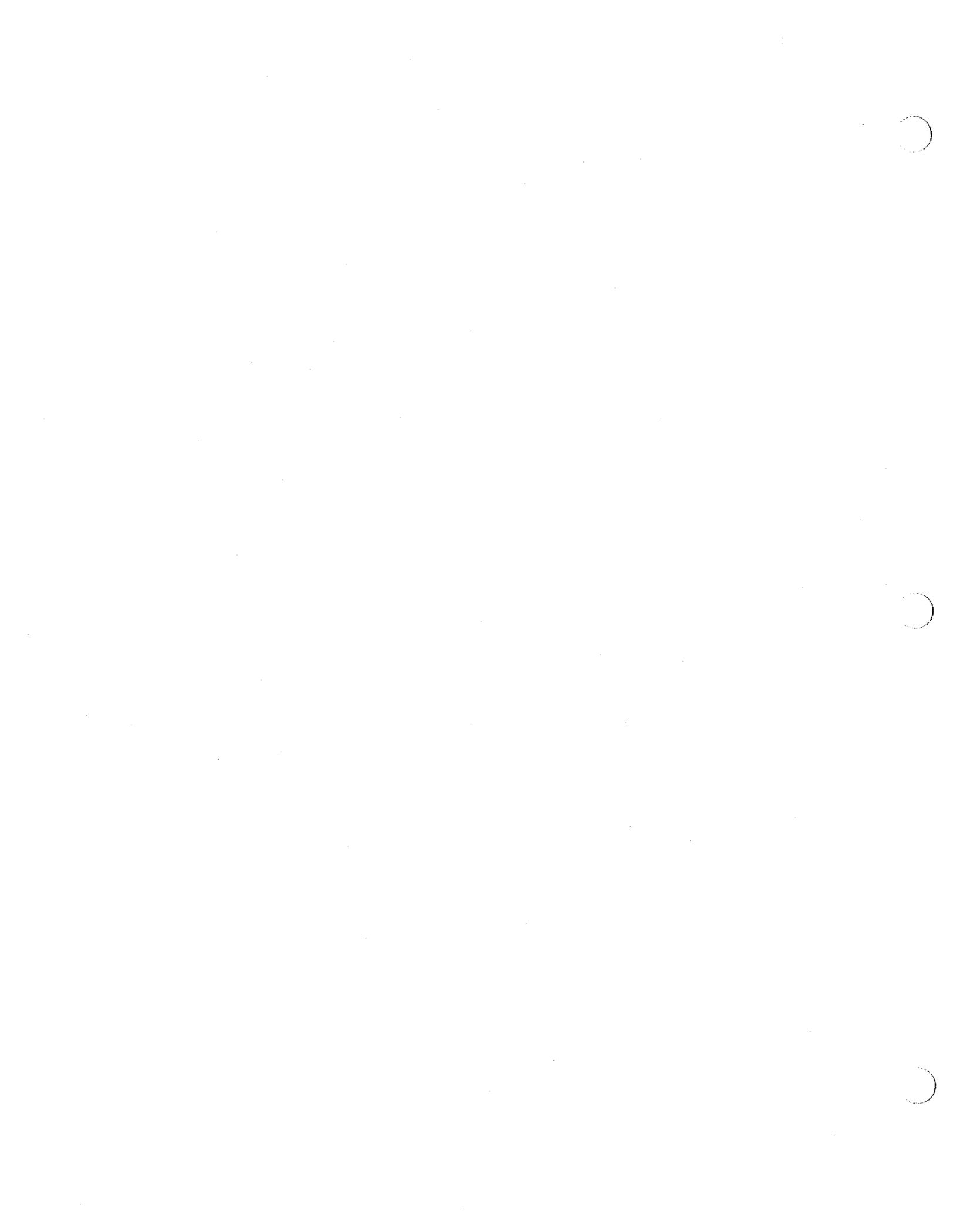
Ohio EPA CSO Policy

- ✓ **Operational Plan (Nine Minimum Controls)**
- ✓ **Wet Weather Stress Testing at WWTP**
- ✓ **Stream Bacteria Sampling**
- ✓ **Collection System Characterization**
- Long-term Control Plan**
- Sewer System Extension Evaluation**



Long-Term Control Plan

- **Evaluate Stream Water Quality**
- **Evaluate Sewer System Extension Impact**
- **Develop Alternatives**
- **Evaluate Alternatives**
- **Select Long-Term Control Plan**



1997 Ohio EPA Water Quality Study

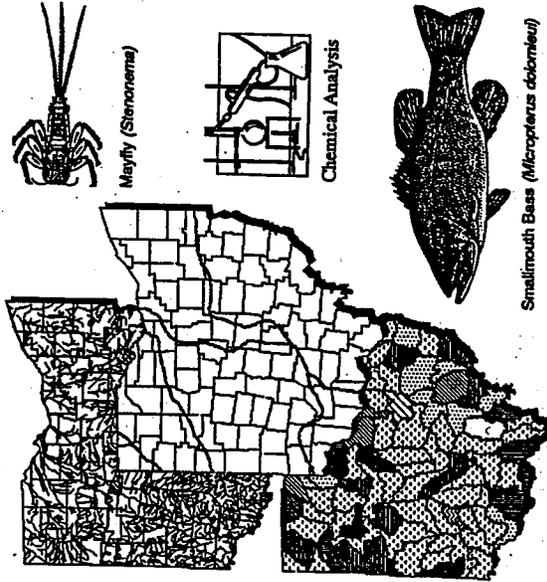
OHIO EPA

State of Ohio
Environmental Protection Agency

Ecological Assessment
Division of Surface Water

Biological and Water Quality Study of the Upper Hocking River and Selected Tributaries

Fairfield and Hocking Counties, Ohio



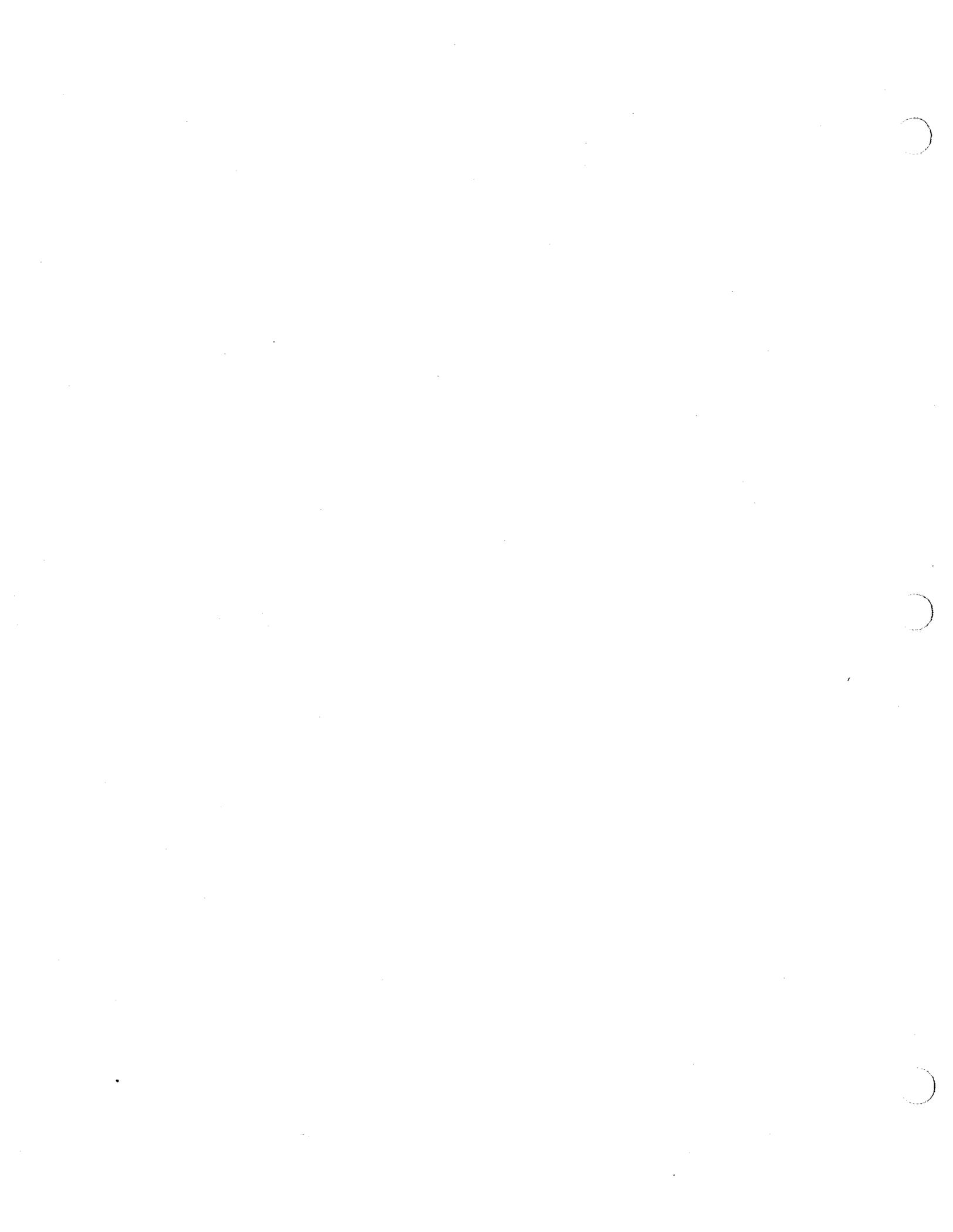
Mayfly (*Stenonema*)

Chemical Analysis

Smallmouth Bass (*Micropterus dolomieu*)

December 31, 1997

P.O. Box 1049, 1800 Westpark Dr., Columbus, Ohio 43266-1049

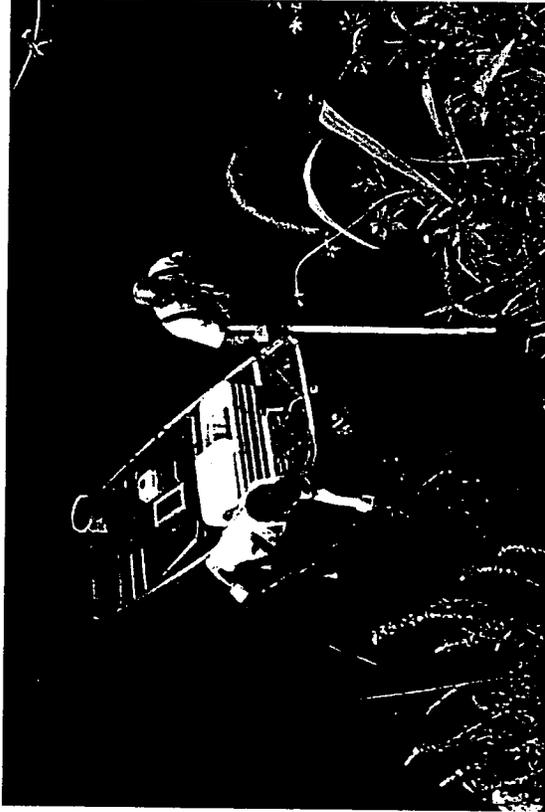


1996 Stream Bacteriological Monitoring

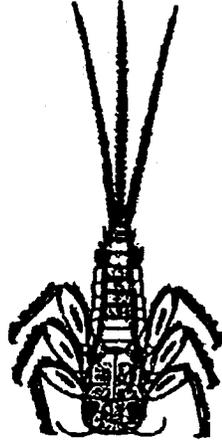
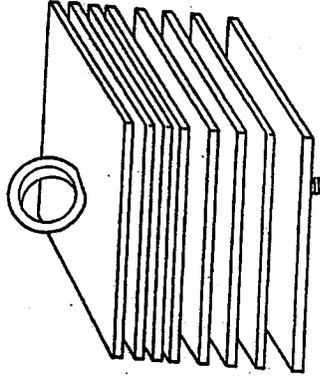
- **Upstream vs. Downstream CSOs**
- **Dry Weather**
- **Wet Weather**



1998 Biological Water Quality Stream Survey



Fish Shocking

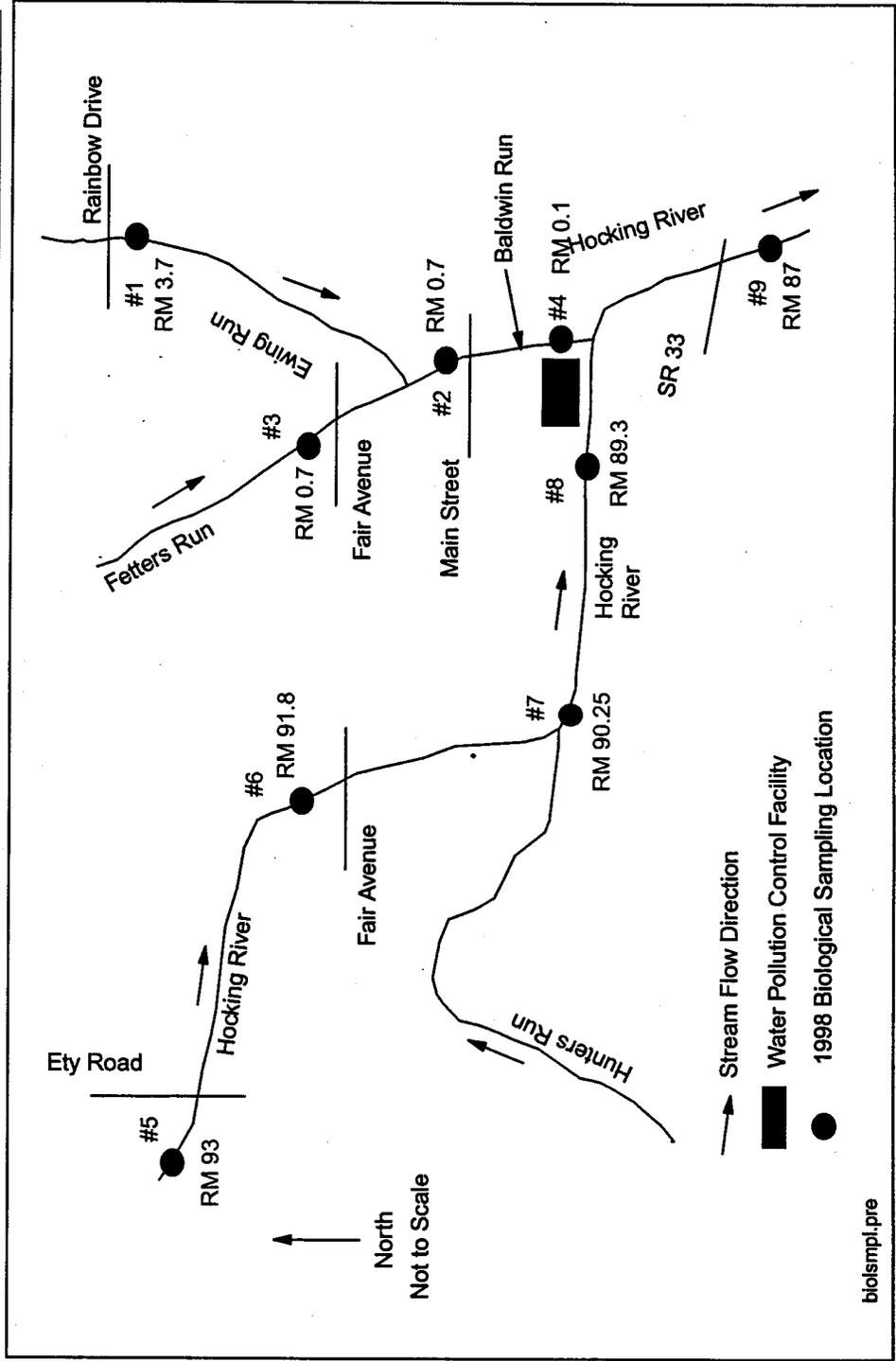


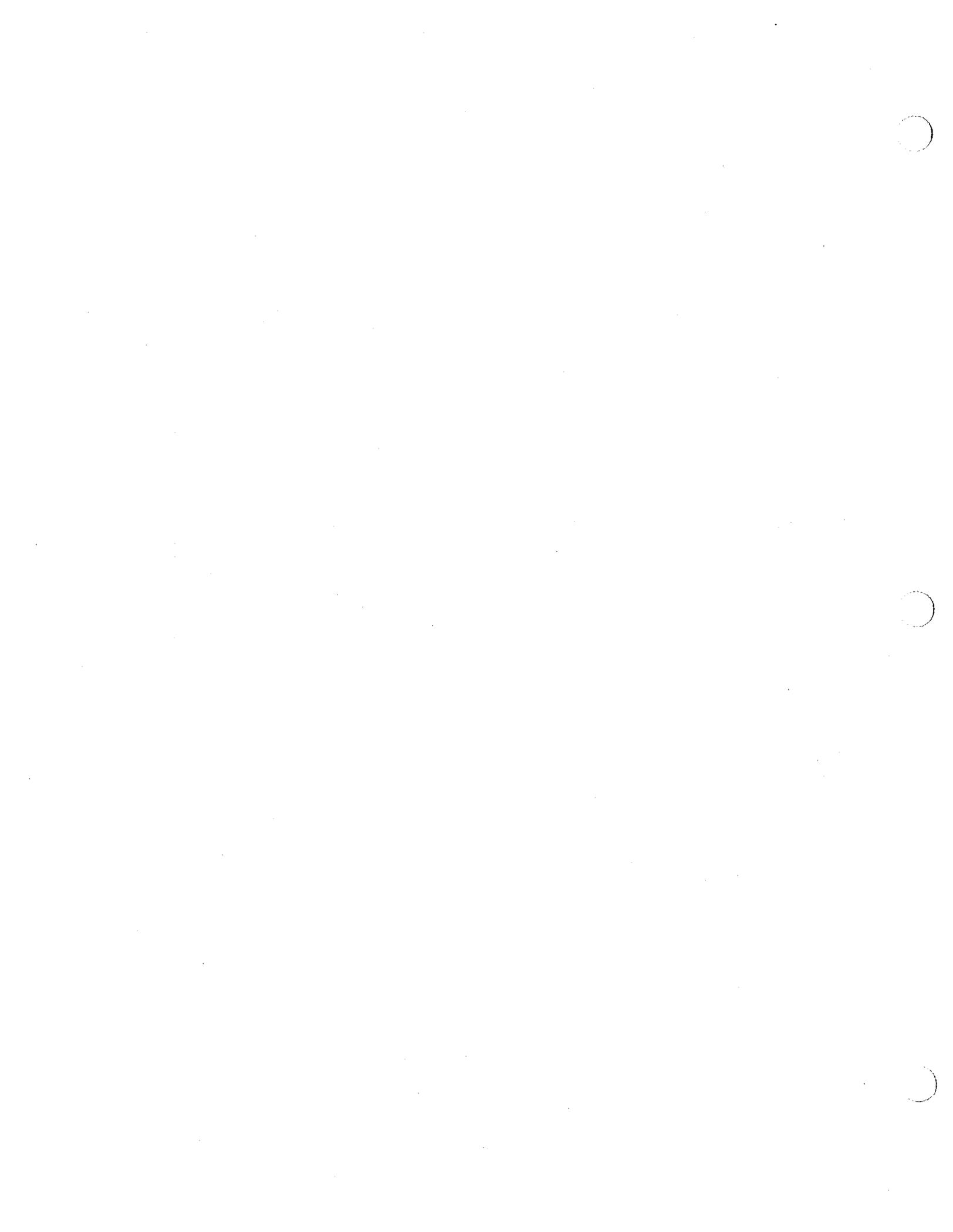
Mayfly (*Stenonema*)

**Macroinvertebrate
Sampling**

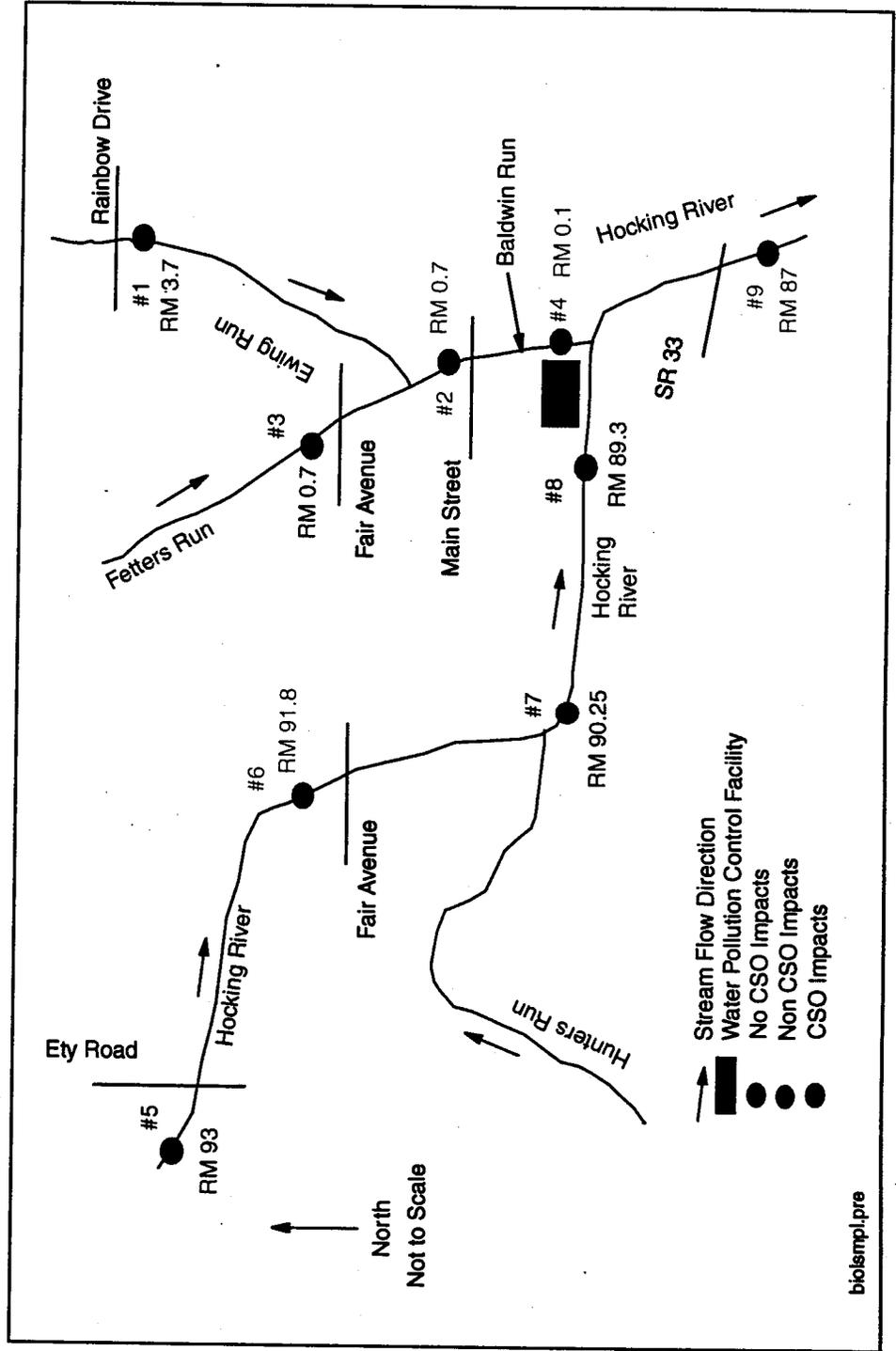


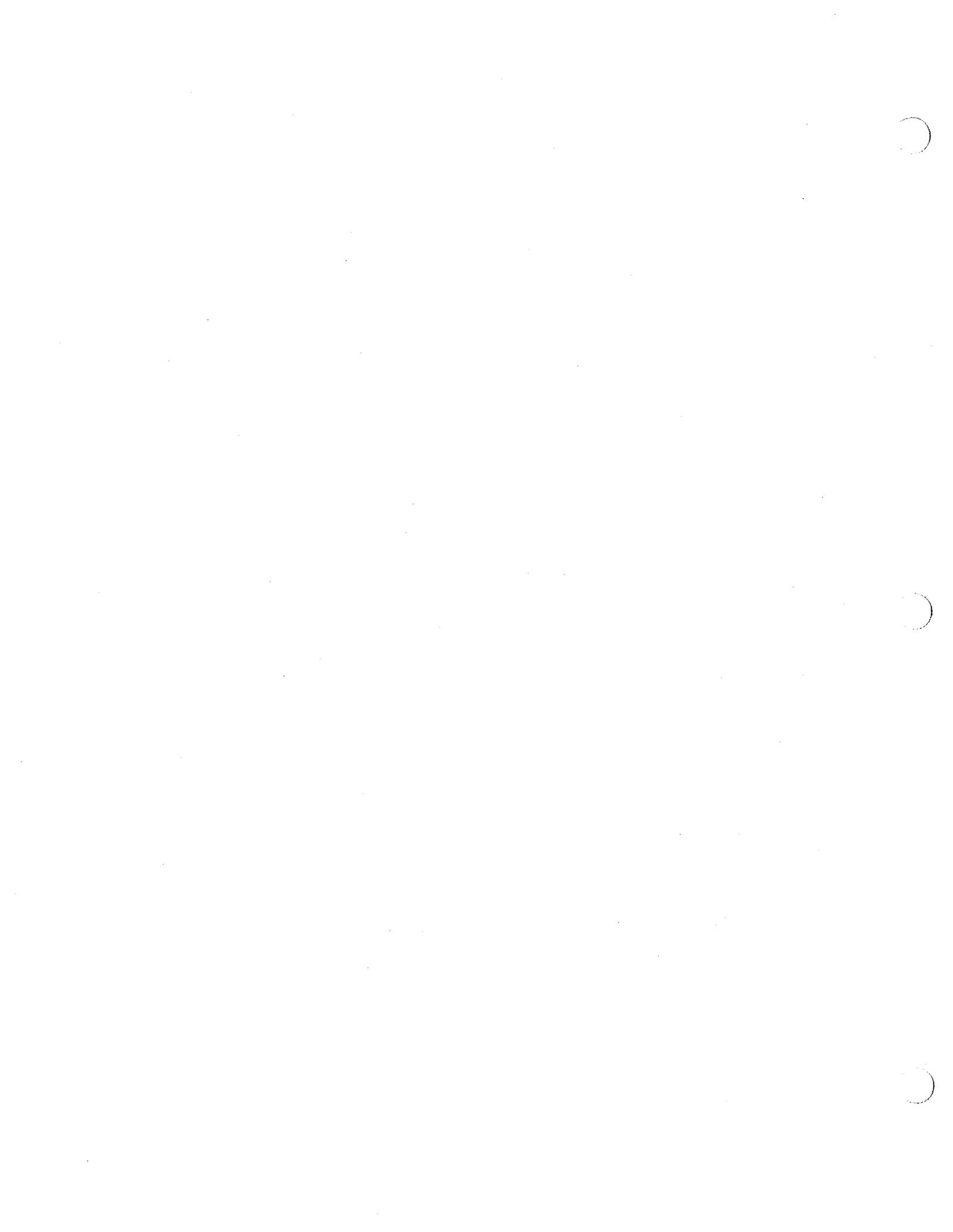
City of Lancaster - 1998 Biological Water Quality Stream Survey Sampling Locations





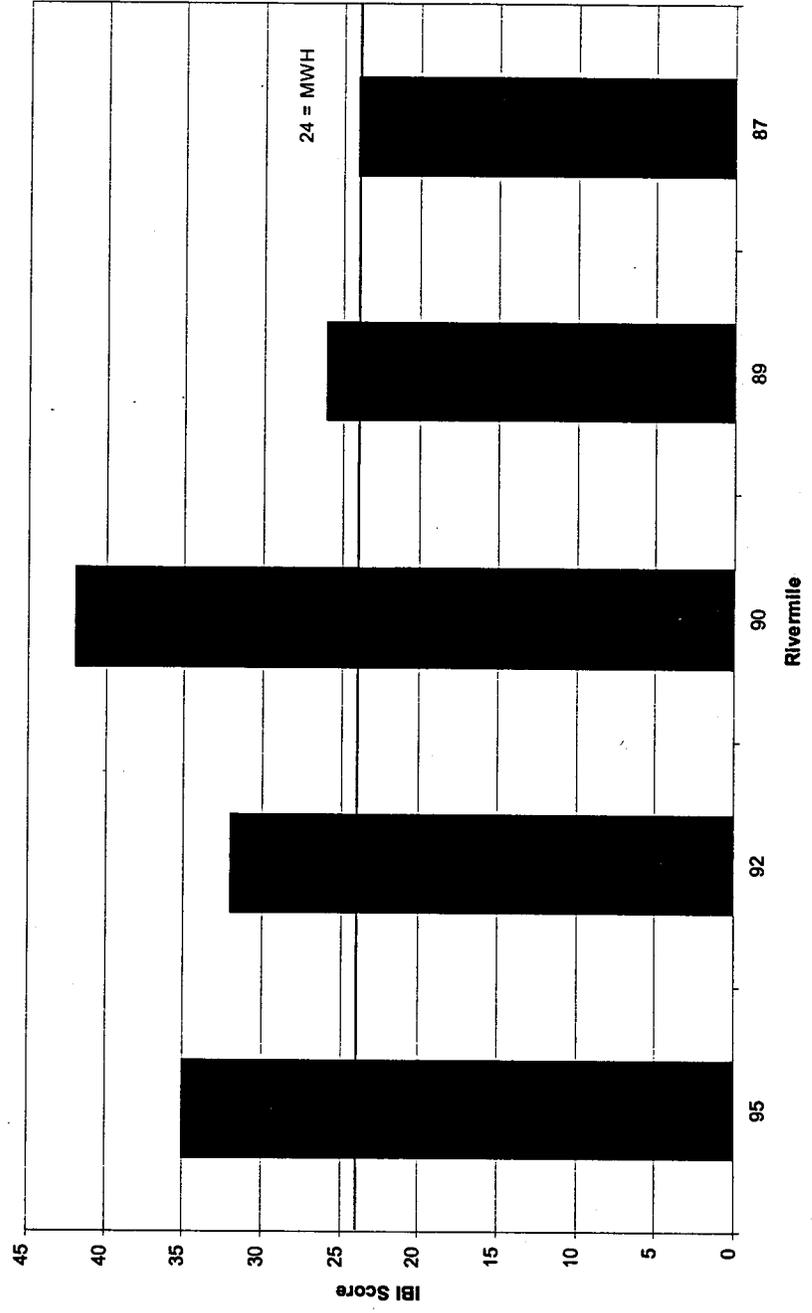
City of Lancaster - 1998 Biological Water Quality Stream Survey Results





Hocking River Survey Results

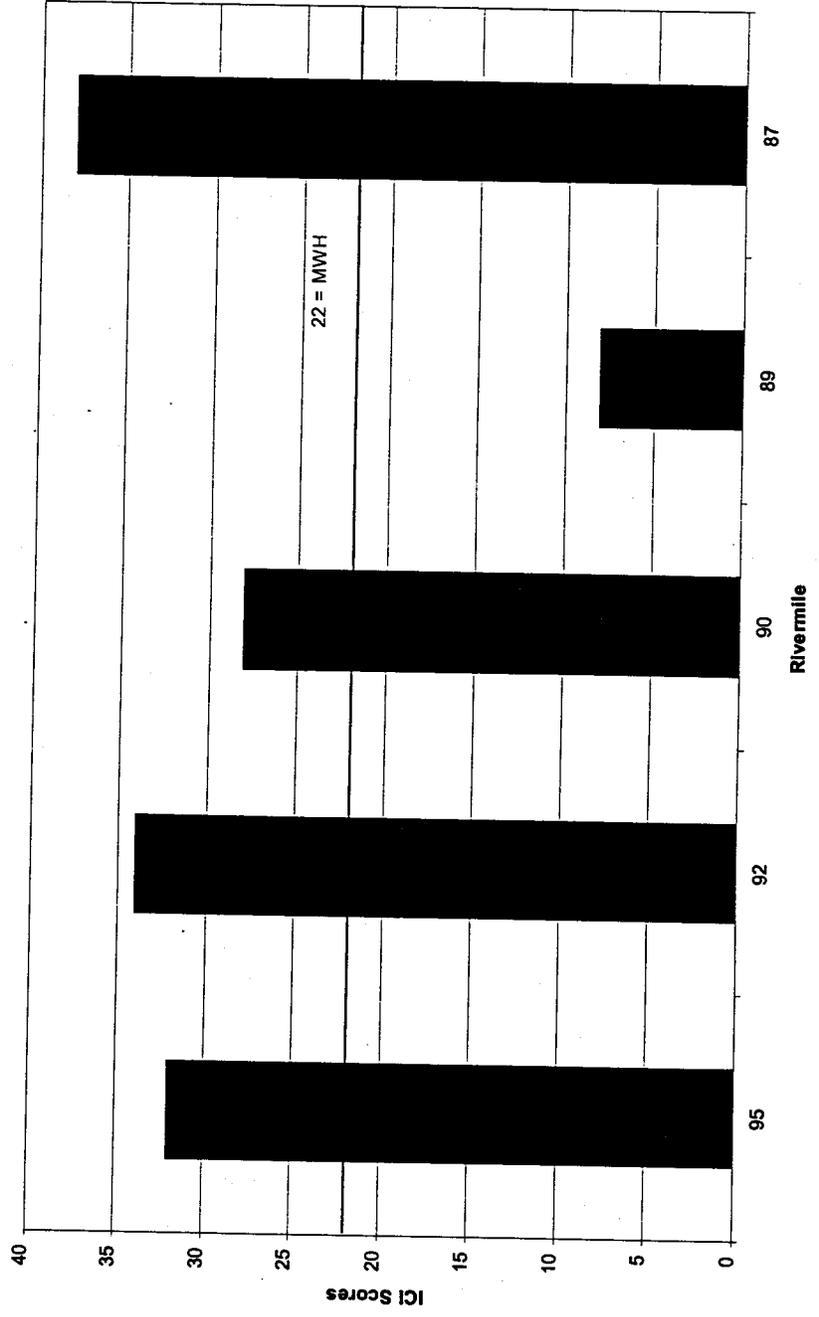
Hocking River IBI Scores





Hocking River Survey Results

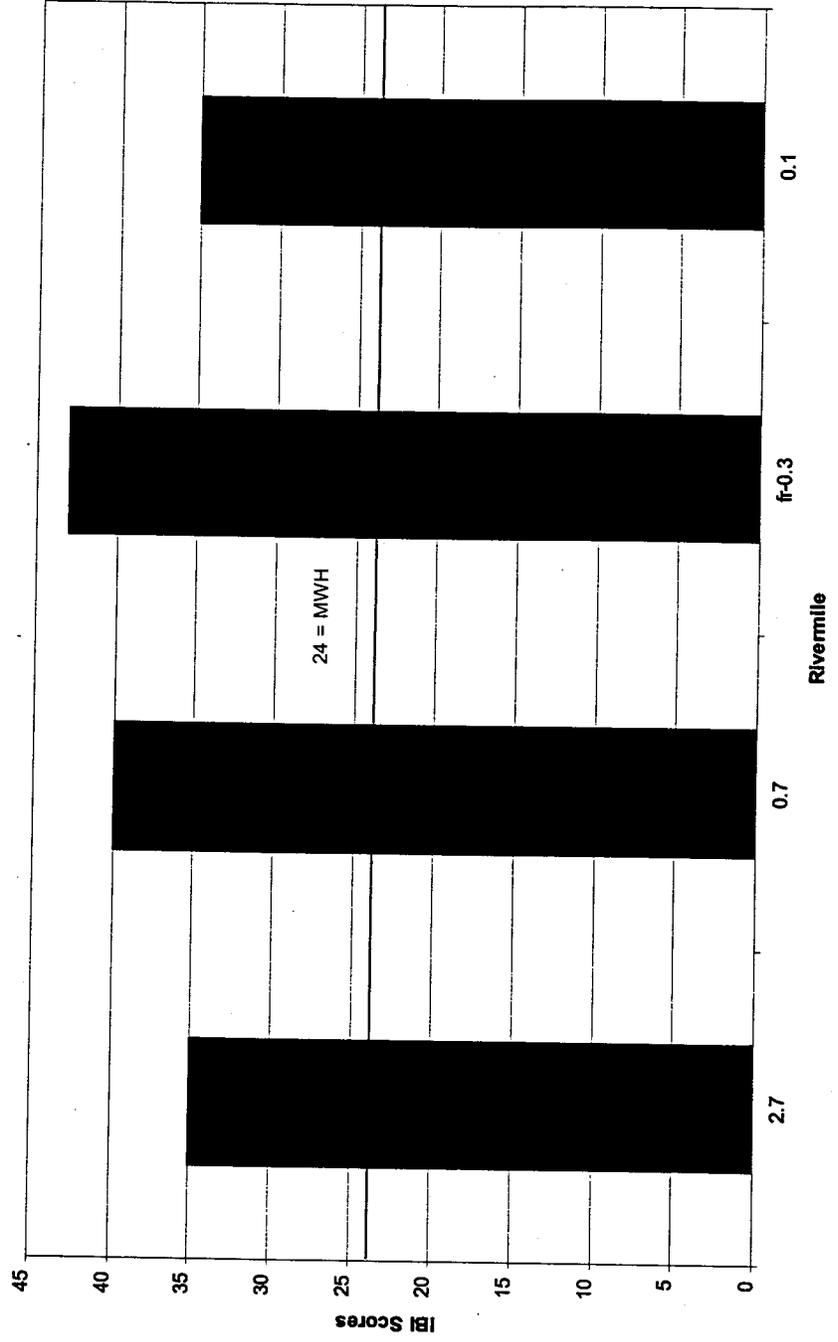
Hocking River ICI Scores

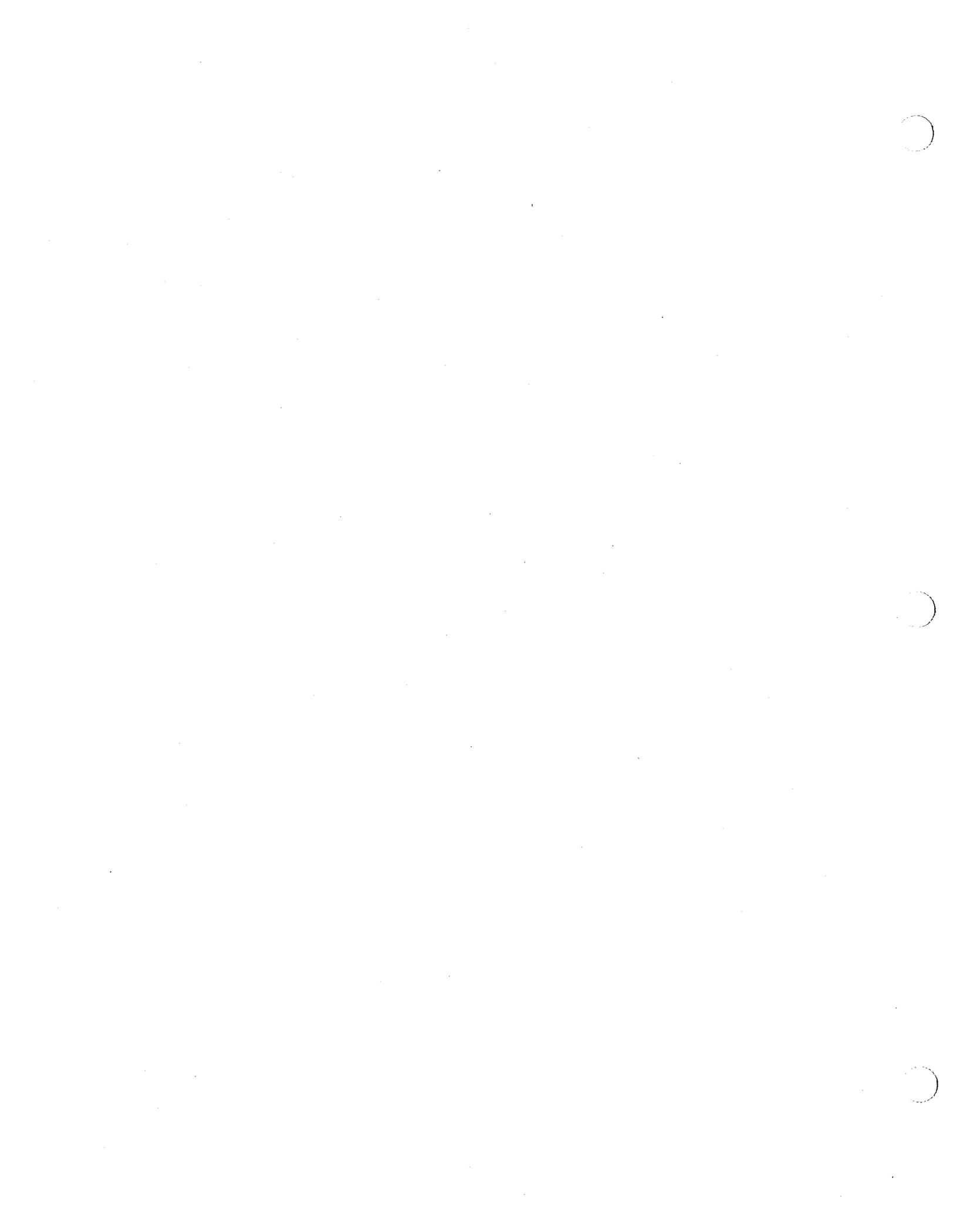




Baldwin Run Survey Results

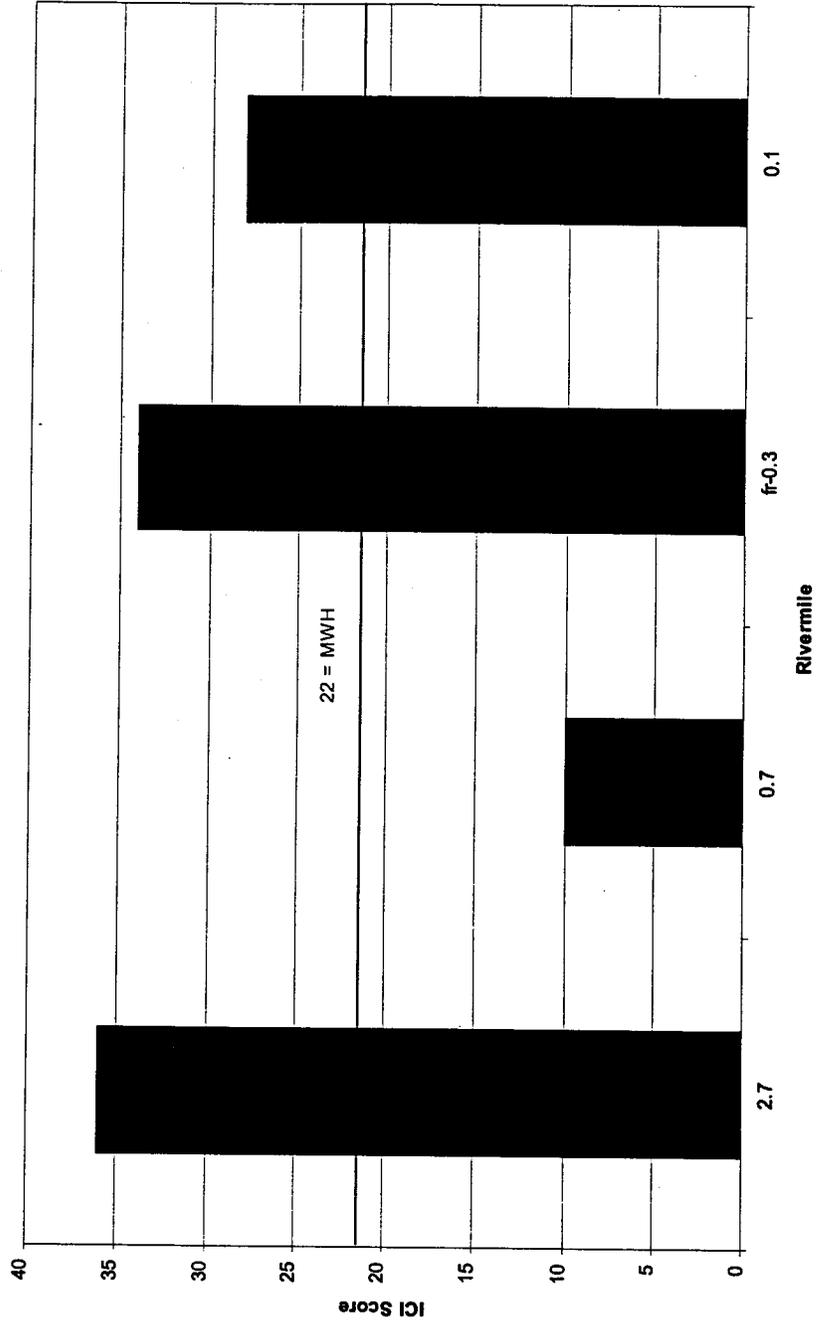
Baldwin Run IBI Scores





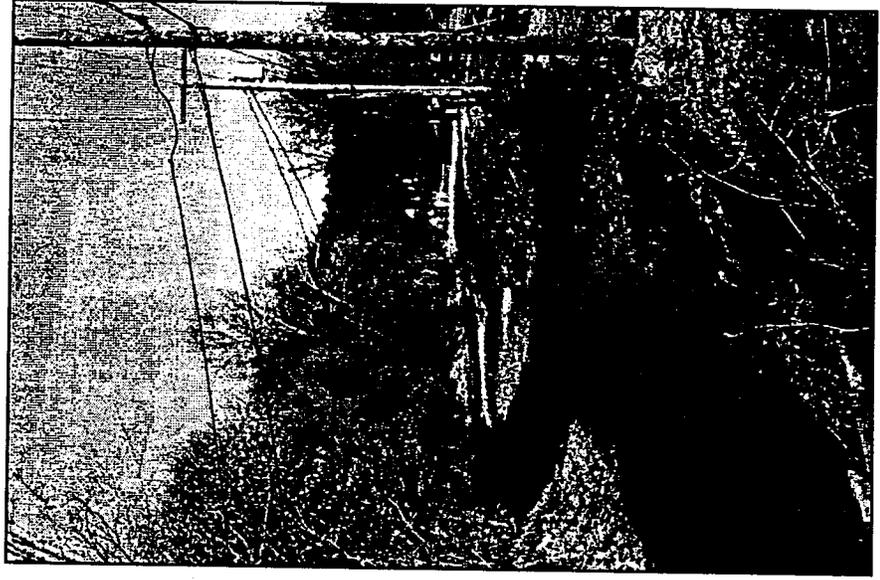
Baldwin Run Survey Results

Baldwin Run ICI Scores





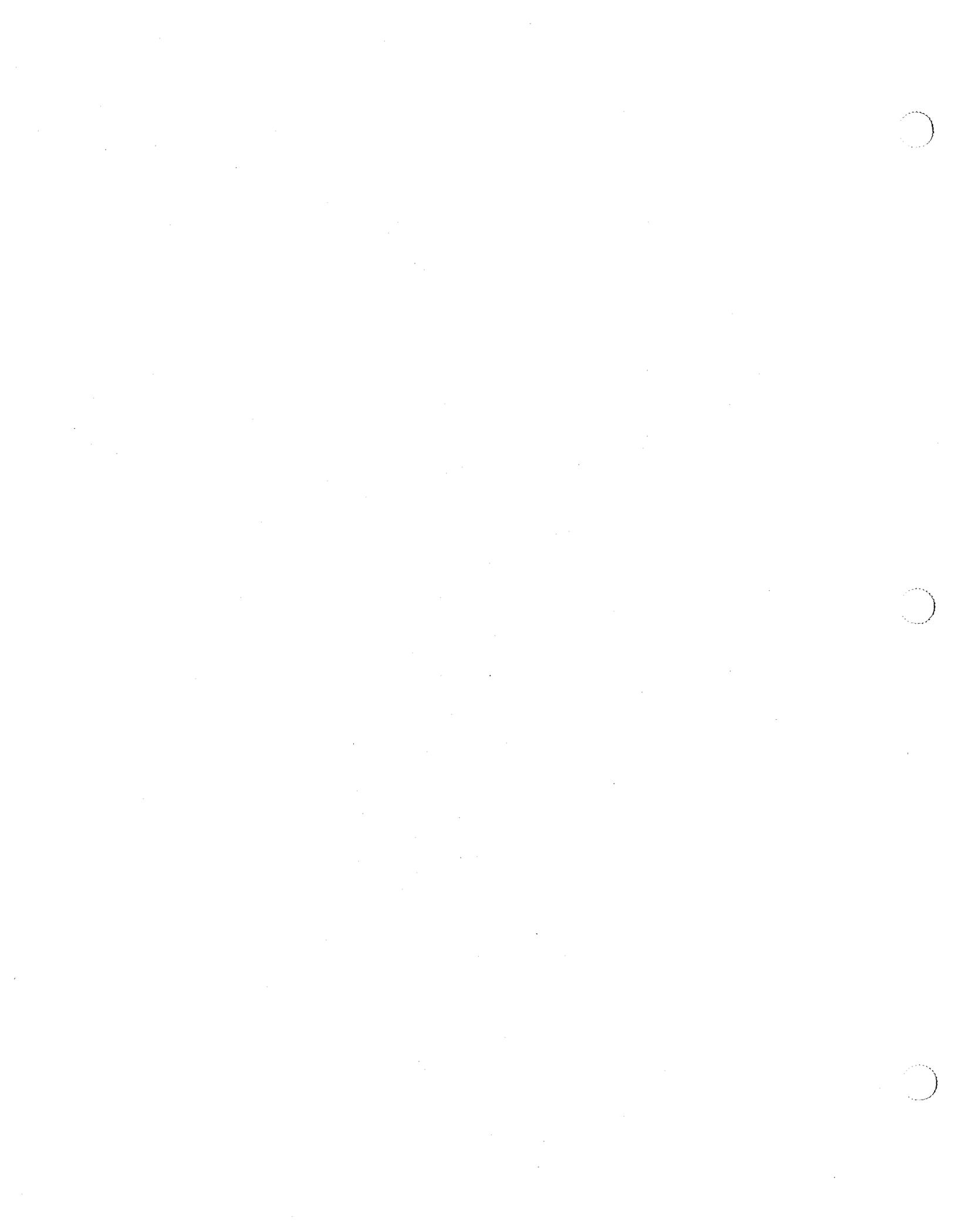
Non-CSO Impacts in Baldwin Run



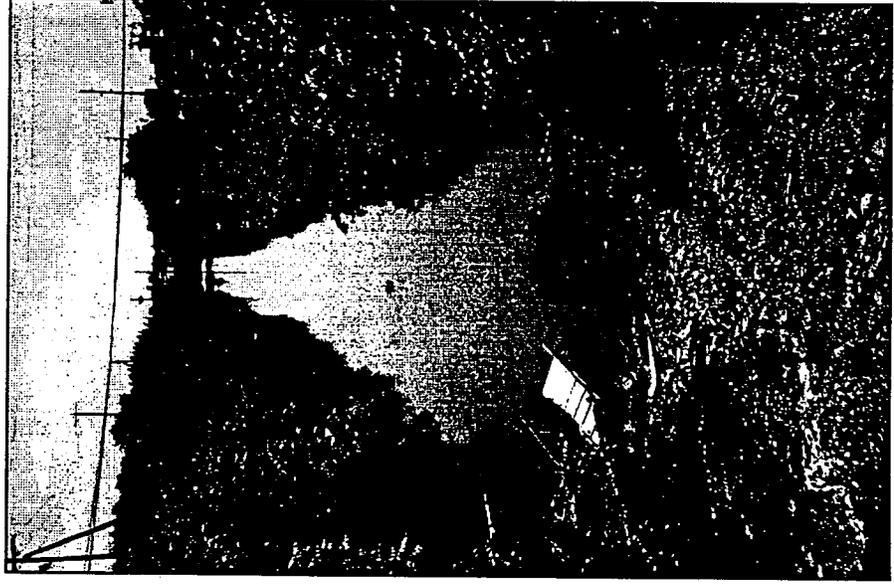
Sample Location #2



Sample Location #4



Non-CSO Impacts in Hocking River



Sample Location #6

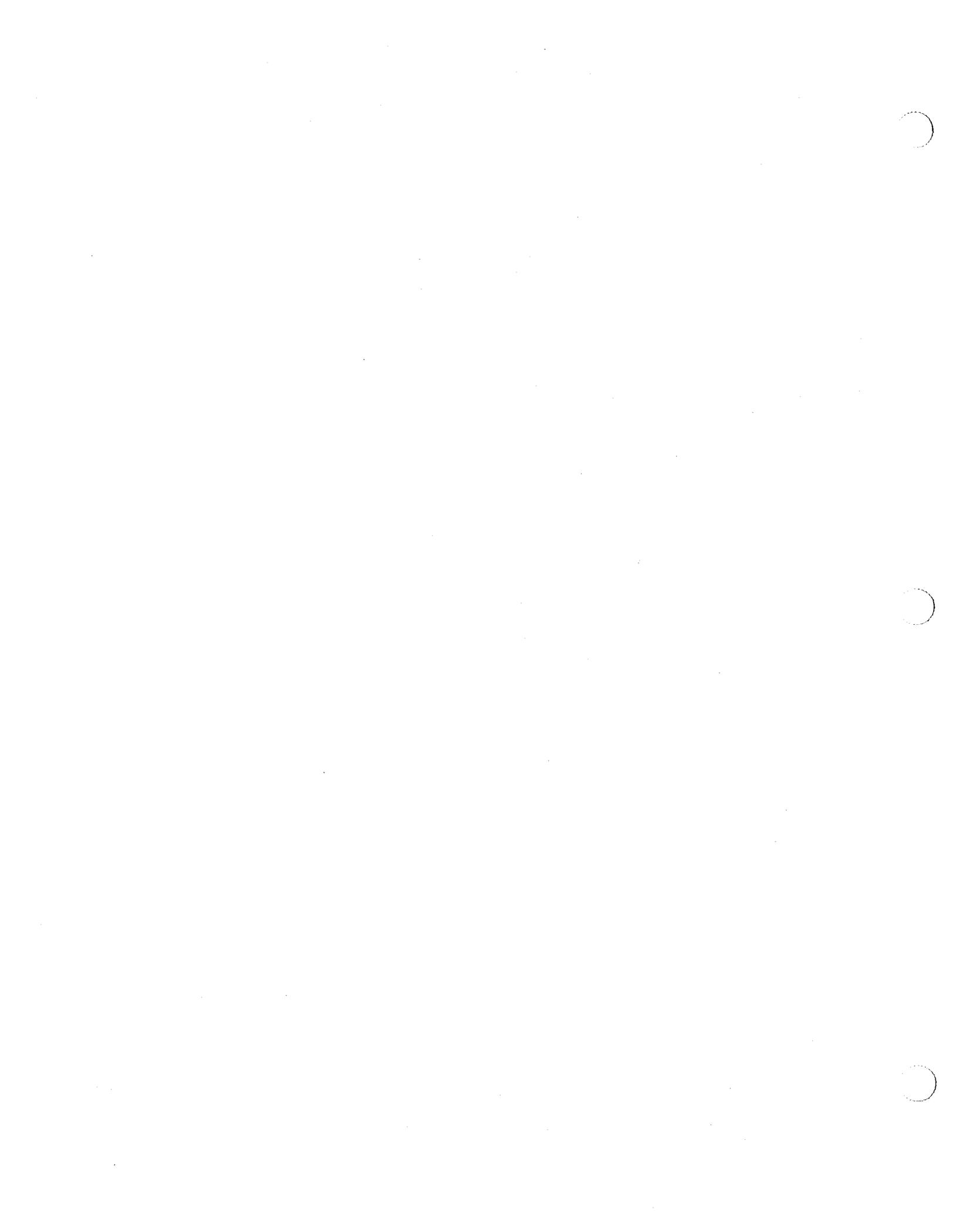


Sample Location #9



Sewer System Extension Evaluation

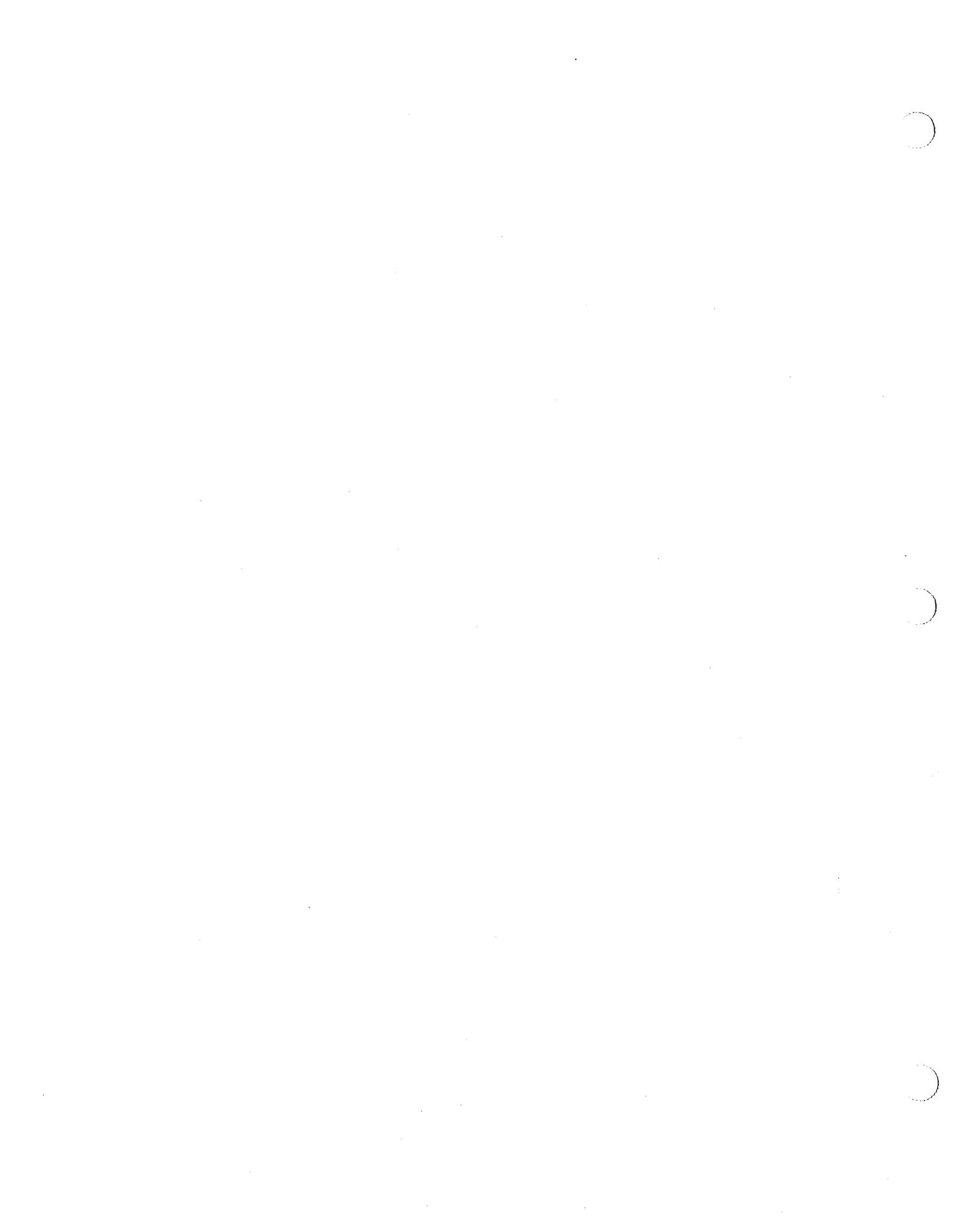
- **Determine Current Population and Flow**
- **Estimate Future Areas of Development**
- **Estimate Future Population and Flow**



Effect of Future Flows on the Collection System

Use Sewer System Model to:

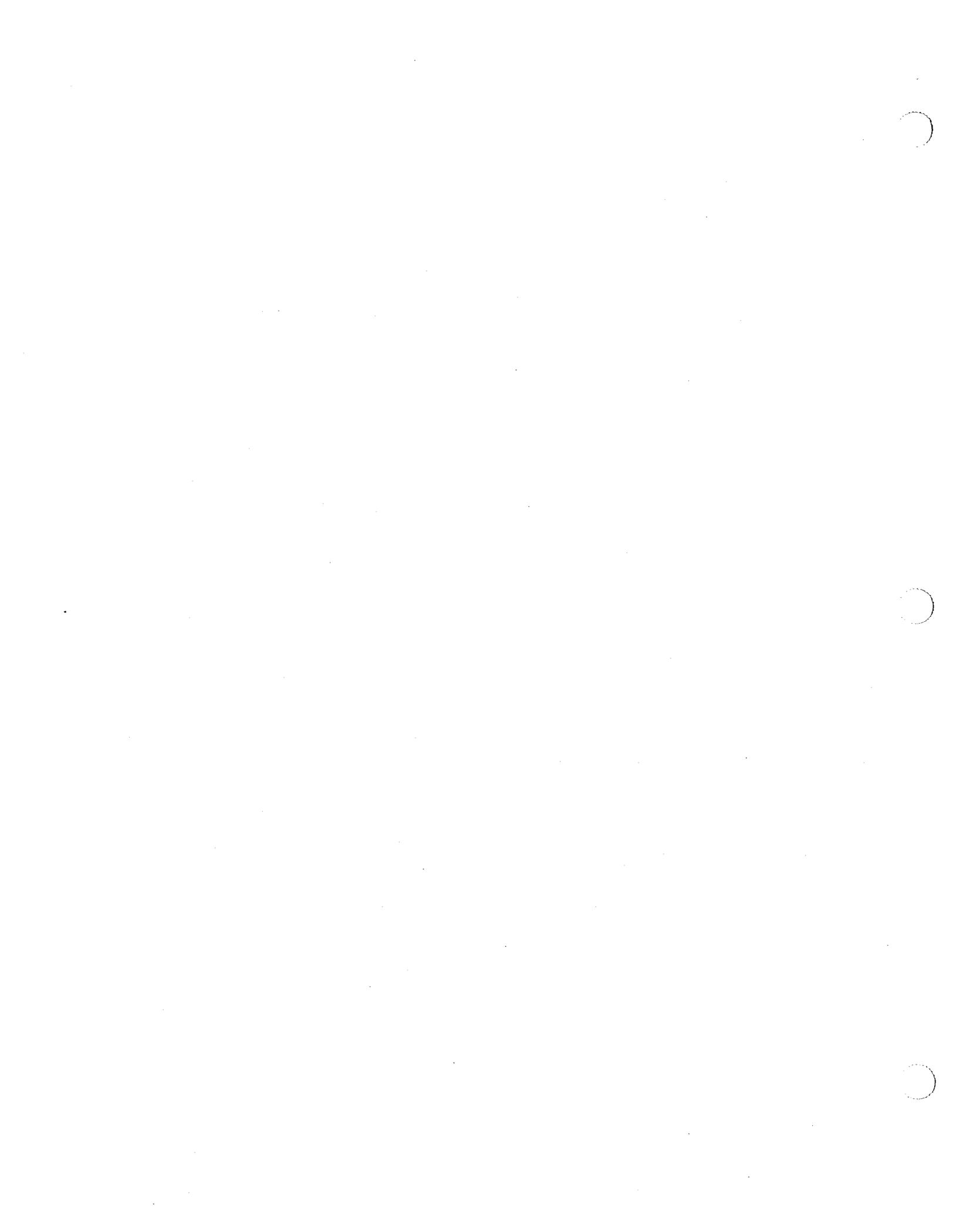
- **Estimate Existing Annual CSO
Discharge Volume**
- **Estimate Future Annual CSO Discharge
Volume**
- **Prevent Future Annual CSO Discharge
Volume Increases**



Long-Term Control Plan

Develop Alternatives Based On:

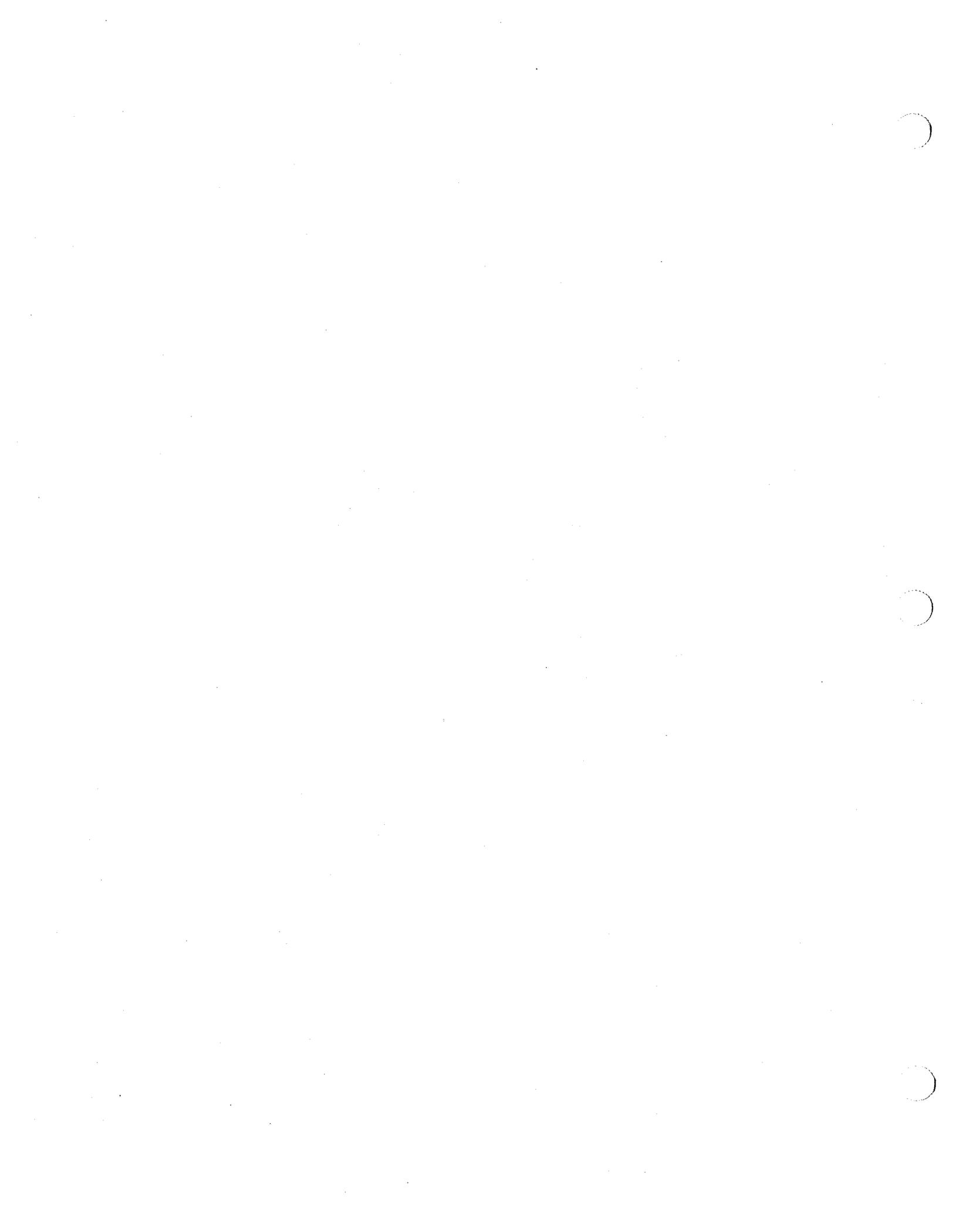
- **Water Quality Improvement by CSO Reduction**
- **Sewer System Extension Evaluation (Future Development)**
- **Condition of Existing Collection System**
- **Public Participation**



Long-Term Control Plan

Evaluate Alternatives Based on:

- **Cost**
- **Performance**
- **Financial Capability of Lancaster**
- **Public Input**



Next Steps for Long-Term Control Plan

- **Complete Development of Alternatives**
- **Complete Evaluation of Alternatives**
- **Present Recommendations at Second Public Meeting**
- **Submit Long-Term Control Plan to Ohio EPA**
- **Implement Long-Term Control Plan**

