

**Programs, Projects & Operations
Subcommittee Meeting
Wednesday, May 12, 2004
7:30 p.m.
Agenda**

Programs, Projects & Operations:

John Conley, Chairperson
Rich Jansen, Vice-Chairperson
Tim Fowler
Joe Neary
Rich Tesar

Alternate Members: Dick Connealy
Pete Rubin

Staff Liaison: Gerry Bowen
Jerry Herbster
Ralph Puls
Paul Woodward *

1. Meeting Called to Order – Chairperson John Conley
2. Quorum Call
3. Adoption of Agenda
4. Proof of Publication of Meeting Notice
5. “Workshop” Review and Recommendation on Papio Creek Watershed Partnership Agreement
– Paul Woodward and Marlin Petermann
6. Other Items of Interest
7. Adjourn

**NOTE: This is an extremely important issue facing the District.
All Directors are encouraged to attend.**

Memorandum

To: PPO Subcommittee

From: Paul Woodward, Water Resources Engineer

Date: May 3, 2004

Re: New Papillion Creek Watershed Partnership Agreement

The Papillion Creek Watershed Partnership (PCWP) is a group of nine cities, two counties, and the NRD that was formed through a three-year (3-year) Interlocal Agreement which expires August 1, 2004. During the time of this agreement, the Partnership has accomplished many of the goals that it set out to achieve, please review the attached Fact Sheet 7 for an update on the progress of the PCWP.

Due to the upcoming expiration of the existing agreement and the desire to work together on impending NPDES permits, the Partnership has developed a new 5-year Inter-Local Agreement between: the cities of Bellevue, Bennington, Boys Town, Elkhorn, Gretna, Kennard, La Vista, Omaha, Papillion, and Ralston; the counties of Douglas, Sarpy, and Washington; and the Papio-Missouri River NRD. It is proposed that these 10 cities, 3 counties, and the P-MRNRD would all approve this new agreement prior to its effective date of July 1, 2004. A copy of this agreement is enclosed for your review and consideration.

Most provisions of this agreement are similar to those of the attached existing Partnership agreement. For instance, the NRD will continue to serve as the administering agent for the PCWP, charged with tasks such as handling funds and facilitating meetings. The main exception to this similarity is that certain activities required of Omaha Metro communities and counties under existing or upcoming NPDES permits will be implemented by either the City of Omaha or the NRD. These activities and the lead Partnership member for each are listed in Exhibit B. As an example, the NRD would be responsible for coordinating the development of a comprehensive stormwater management ordinance addressing illicit discharge, erosion control, and BMP maintenance and inspection. Those entities responsible for an activity, i.e. Omaha and the NRD, will be reimbursed for expenditures incurred on behalf of the Partnership and for the reasonable value of activities performed as determined by the Executive Committee of the Partnership.

There are other differences between the existing and proposed agreement. For example, agreeing to implement some permit requirements has changed the duration of the agreement to 5 years instead of 3 years in order to stay consistent with the length of the permit. In addition, agreeing to implement stormwater management activities together has added more expense to the agreement. Total annual contributions from all Partnership members would amount to \$450,000 annually, in comparison to the \$244,500 currently contributed by Partners each year. Each entity's proposed contribution is shown in Exhibit C and was calculated based on population, area, and their individual requirements under NPDES permits. Based on this calculation, the District's total annual contribution would be \$90,000.

In conclusion, the Papillion Creek Watershed Partnership is requesting your consideration of a new 5-year Interlocal Agreement with the communities and counties in the Watershed to work together on comprehensive stormwater management activities for an annual contribution from the NRD of \$90,000.

Management recommends that the subcommittee recommend to the Board that the General Manager be authorized to execute the Interlocal Agreement for the Continuation of the Papillion Creek Watershed Partnership between the communities of Bellevue, Bennington, Boys Town, Elkhorn, Gretna, Kennard, La Vista, Omaha, Papillion, and Ralston; the counties of Douglas, Sarpy, and Washington; and the Papio-Missouri River NRD for an annual contribution from the District of \$90,000 over the next five years, subject to changes deemed necessary by the General Manager and to approval as to form by District Legal Counsel.

PAPILLION CREEK WATERSHED PARTNERSHIP
FACT SHEET NO. 7
PROGRESS OF THE PARTNERSHIP



Introduction to the Partnership

The Papillion Creek Watershed Partnership (Partnership) is a group of nine cities, two counties, and the Papio-Missouri River NRD (P-MRNRD) along with representatives from other government agencies and environmental groups with interests in the Watershed. The purpose of the Partnership is to address issues related to surface water quality and stormwater quantity by establishing goals and standards common to the Omaha Metropolitan Area for development within the Watershed through 2040. Please visit www.papiopartnership.org for further background on the Partnership.

What has the Partnership accomplished?

After almost two years of work, the Partnership is well on its way to meeting the goals that it set out to accomplish. Specifically, the initial stage of an overall Watershed Stormwater Management Plan that focused on watershed assessment and analysis has been completed. In addition, a common NPDES Phase II Stormwater Permit application has been prepared for each community and county and has been submitted to the Nebraska Department of Environmental Quality (NDEQ). It is projected that these permits will be issued during 2004. The Partnership has also held two Public Forums to provide information and receive feedback on watershed problems and opportunities for improvement. These activities have been funded by contributions from each of the Partnership members and by a grant from the Environmental Protection Agency (EPA) previously secured for the City of Omaha.

What does the Partnership hope to accomplish?

A second stage of the Watershed Stormwater Management Plan is now underway and will assist Partnership members in preparing to implement NPDES Permits when issued. However, in order to complete a comprehensive Watershed Stormwater Management Plan, further stages of study will be required. It is estimated that nearly \$2.0 million dollars in future funding will be needed to produce a complete and comprehensive plan. It is intended that this plan would identify cost-effective, structural Best Management Practices that would help improve water quality and control runoff throughout the Watershed.

With this goal of \$2.0 million in mind, the Partnership has begun drafting the next inter-local agreement that will provide annual contributions of approximately one-half million dollars for the next five years. Although this agreement will continue to provide cost savings by allowing local government to work together to implement comprehensive stormwater management practices, much of this funding will be needed to implement NPDES permit requirements and will not be available to continue watershed-wide planning efforts.

In conclusion, the Partnership has accomplished a lot during the past two years and is dedicated to continue addressing surface water quality and stormwater quantity issues on a watershed-wide approach. In order to reach our goals in the future, the Partnership is in need of continued support and is requesting \$500,000 in FY 05 funding from EPA.

If you have any questions or would like additional information, please visit the Partnership's website at www.papiopartnership.org or contact the Papio-Missouri River NRD at (402) 444-6222 or pwoodward@papionrd.org.

**INTERLOCAL COOPERATION ACT AGREEMENT
FOR CONTINUATION OF THE
PAPILLION CREEK WATERSHED PARTNERSHIP**

THIS AGREEMENT (hereinafter referred to as “**this Agreement**”) is made by and among those of the following eligible parties who execute this Agreement prior to July 1, 2004, to-wit: the **CITY OF BELLEVUE**, Nebraska; the **CITY OF BENNINGTON**, Nebraska; the **VILLAGE OF BOYS TOWN**, Nebraska; the **CITY OF ELKHORN**, Nebraska; the **CITY OF GRETNA**, Nebraska; the **VILLAGE OF KENNARD**, Nebraska; the **CITY OF LAVISTA**, Nebraska; the **CITY OF OMAHA**, Nebraska; the **CITY OF PAPILLION**, Nebraska; the **CITY OF RALSTON**, Nebraska; the **COUNTY OF DOUGLAS**, Nebraska; the **COUNTY OF SARPY**, Nebraska; the **COUNTY OF WASHINGTON**, Nebraska and, the **PAPIO-MISSOURI RIVER NATURAL RESOURCES DISTRICT**, those parties who execute this Agreement prior to such date hereinafter being referred to collectively as “**the Papillion Creek Watershed Partnership**,” or “**the Partnership**.”

WHEREAS, the Partnership, comprised of governmental entities situated in whole or part within the watershed of the Papillion Creek (hereinafter referred to as “the Watershed”), originally was formed through an Interlocal Cooperation Act Agreement dated on August 1, 2001 (hereinafter referred to as the “**Initial Agreement**”), and expiring on July 31, 2004.

WHEREAS, the Partnership has accomplished the assessment of existing water quality and quantity conditions, the cooperative preparation of NPDES Phase II Permit applications, the submittal of multiple grant applications, the analysis of additional flood control and the support of state storm water legislation. The Partnership coordinated

these issues at monthly meetings of its member's representatives. The progress of Partnership activities was presented to the public at annual meetings and on a website (www.papiopartnership.org);

WHEREAS, the Partnership was instrumental in the preparation of the "Partnership NPDES Phase II Storm Water Management Plan" for the Watershed, (hereinafter referred to as the "**SWMP**") a true and correct copy of which is attached to this Agreement as Exhibit "A" and incorporated herein by this reference;

WHEREAS, by the members of the Partnership continuing to act in concert and proposing, enacting and implementing common standards, there will be continued increases in effectiveness and in cost-sharing capability within the Partnership, particularly in the capability to implement the SWMP and to address federally-imposed requirements and mandates which are imminent and which must be funded locally;

WHEREAS, other premises that justified the original formation of the Partnership still exist, including, without limitation, that:

- The Watershed has not had a major widespread storm event since the 1960's;
- The hydrology of the Watershed for the Flood Insurance Study (late 1970's) is out of date;
- Urbanization of the Watershed and associated impervious area have increased dramatically since the 60's and 70's;
- The August, 1999, storm event would have caused significantly more damage if centered over Omaha;
- The Papillion Creek does not meet recreational standards specified by the State of Nebraska;
- Deposition is occurring in Watershed Reservoirs at unacceptable rates;

- Problems exist in current community drainage systems;
- Currently there is inadequate funding for storm water quantity and water quality problems within the Watershed;
- Currently there is a lack of coordinated effort of Watershed storm water quantity and quality;
- The benefits of reducing existing and future flood impacts in the Watershed include: decreased public and private property damages, reduced potential loss of life, lower flood insurance costs, decreased cost to taxpayers and public agencies for disaster relief;
- Improvement of water quality in streams and reservoirs will result in increased fish, aquatic, and riparian habitat; recreational improvements, reduction of reservoir operation and maintenance costs; and improved aesthetics;
- Potential increased recreational opportunities from the work of the Partnership could include: green spaces (picnic areas, outdoor activities), boating, canoeing, fishing, trail systems, riparian areas for bird watching, nature hikes, education, wildlife viewing, etc.;
- Techniques which could be employed by the Partnership include: facilitation of multi-use storm water structures; elevating the priority of storm water utility maintenance; minimization of future construction in the floodplain/floodway; matching pre-development runoff conditions; updating hydrology to 2001 and 2040; formulating a master drainage plan for the Watershed; providing adequate construction and maintenance funding; buy-outs/relocations of structures in flood prone areas; providing increased upstream flood storage; enhancing public education and outreach; implementation of new construction site management practices; development of new

development/redevelopment standards; implementation of an illicit discharge program; enhance environmental aspects of public street maintenance; reducing the environmental impacts of herbicide, pesticide, and fertilizer application; developing a water quality and quantity monitoring program; developing an industrial site inspection program; construction of retention/detention ponds designed for both water quantity and quality; restoration, creation and enhancement of wetlands; preservation of riparian areas; environmental restoration of streams; creation of buffer strips; use of grassed swales for drainageways; updating of design and construction standards; application of standardized ordinances throughout the Watershed; and, implementation of new set back ordinance and open drainage requirements;

- Standardization of the construction development permit process would reduce liability to landowners from flooding and erosion problems, reduce sediment runoff during construction, and increase property values through recreational enhancements; and,

- Continuation of a coordinated effort will improve compliance with federal, state, and local regulations, such as Storm Water Program, Combined Sewer Overflow Program, National Pollutant Discharge Elimination System Point Source Permits, Federal Emergency Management Agency, and local planning and zoning regulations;

WHEREAS, in carrying out its mission, the Partnership will work cooperatively with, but not limited to, the U.S. Army Corps of Engineers, the Metropolitan Area Planning Agency, the USDA Natural Resources Conservation Service, the Nebraska Game and Parks Commission, the Nebraska Department of Environmental Quality, the Nebraska Department of Natural Resources, the University of Nebraska, the University of Nebraska Cooperative Extension, and State and County Health Departments,

NOW, THEREFORE, in consideration of the foregoing recitals and their mutual covenants hereinafter expressed, the members of the Partnership agree as follows:

1. Authority: This Agreement is an agreement for collective and cooperative action made pursuant to authority provided in the Nebraska Interlocal Cooperation Act (Neb. Rev. Stat. §13-801, R.R.S., 1943, et seq.), without a separate entity being created, and, whenever possible, this Agreement shall be construed in conformity therewith.

2. Mission: It shall be the mission of the Partnership to address issues related to surface water quality and storm water quantity in the Watershed by establishing and implementing regionally common goals and standards for the development of the Watershed through 2040.

3. Applicability: Members of the partnership having jurisdiction over land area outside the physical boundaries of the Watershed expect that planning activities within the Watershed for projects of the Partnership will, insofar as feasible, apply universally to all such areas as though they were located physically within the Watershed.

4. Goals: The Partnership shall have as its goals:

a) Implementation of those elements of the SWMP and other programs and projects that are reasonably and feasibly undertaken by collective action of the Partnership;

b) Compliance with Federal, State, and local storm water quantity and surface water quality regulations;

c) Improvement of water quality in the Watershed's streams and reservoirs;

d) Increased water-based recreational opportunities and associated improvement in quality of life;

- e) Standardization of the construction development process and evaluation of its effectiveness;
- f) Assessment and characterization of current water quality and quantity conditions for the watershed;
- g) Storm Water Management Plan update;
- h) Environmental compliance;
- i) Sediment and erosion control; and,
- j) Floodplain management.

5. Executive Committee: The members of the Partnership shall establish an Executive Committee consisting of one representative from each entity that is a member of the Partnership.

6. Administering Agent: The Executive Committee shall designate the Papio-Missouri River Natural Resources District, or other member of the Partnership which is willing to serve in such capacity, as Administering Agent to administer this Agreement. The Administering Agent shall serve at the pleasure of the Executive Committee and shall perform duties assigned by the Executive Committee, which may include, without limitation:

- a) Seeking any state legislation which all parties to this Agreement determine necessary to support the work of the Partnership;
- b) Designating such personnel and assistance which shall be deemed necessary to support the work of the Partnership;
- c) Preparing, presenting and distributing educational materials;
- d) Organizing meetings of members of the Partnership and interested persons to share knowledge and compare projects and programs of all involved;

- e) Preparing reports on the work of the Partnership; and,
- f) Entering into contracts on behalf of the Partnership as the Executive Committee directs for the performance of specific actions consistent with both the goals of this Agreement and the respective missions of members of the Partnership; and,
- g) Holding and maintaining the Watershed Fund, calculating the amount of money necessary to be raised by contributions each year in order to carry out the work of the Partnership, and making requests for contributions from the members of the Partnership, all as the Executive Committee directs.
- h) Disbursing the Watershed Fund as directed by the Executive Committee and reimbursing members of the Partnership for expenditures made on behalf of the Partnership or for the reasonable value of activities performed on behalf of the Partnership, as reasonable value is determined by the Executive Committee.

7. Implementation. The Partnership intends that the elements of the SWMP and other beneficial programs and projects meeting the mission and goals of this Agreement will be implemented as follows:

- a) Responsibility for implementation of an element of the SWMP therein identified solely for individual action by a Partner will rest with the respective member(s) of the Partnership upon whom the primary duty to implement such element has been imposed by law or regulation.
- b) Subject to the availability of funds, implementation of those elements of the SWMP therein identified for action by the Partnership or individual partners and identified in Exhibit "B" shall be voluntarily undertaken by the Partnership collectively; provided, however, no voluntary collective

undertaking by the Partnership shall be deemed to relieve a member of the Partnership of a primary duty imposed upon such member by law or regulation.

c) Any elements of the SWMP, alternatively, may be voluntarily undertaken by the Partnership collectively if the Executive Committee determines that such course of action is reasonable and feasible.

d) If the Executive Committee determines that such course of action is reasonable and feasible, the Partnership may voluntarily and collectively undertake beneficial programs and projects meeting the mission and goals of this Agreement.

8. Funding: The Partnership Watershed Fund, established by the Initial Agreement, shall continue to be held by the Administering Agent in an interest-bearing account in trust for the members contributing thereto, in proportion to their contributions, and shall be expended as the Executive Committee directs for initial planning of beneficial programs and projects to meet the mission and goals of this Agreement, establishing mechanisms for long-term funding and authorization for additional planning and implementation of such programs and projects, and for performance of other activities described in this Agreement. The Watershed Fund shall be funded and administered as follows:

a) On or before the first day of July after the effective date of this Agreement, each member of the Partnership shall make a contribution to the Watershed Fund in the amount shown, opposite such member's name, in the second column of the table attached hereto as Exhibit "C" and incorporated herein by reference (hereinafter referred to as the "**Maximum Annual Contribution**" for such member). For subsequent years during the term of this Agreement, the Administering Agent shall request annual contributions from the members of the Partnership in the amounts necessary to carry out the work of the Partnership, the

amounts of such subsequent-year contributions to be determined by the Administering Agent prior to the first day of June of such subsequent year and paid by the members of the Partnership before the first day of July of such subsequent year. These subsequent-year contributions shall be proportional to such members' first year contributions to the Watershed Fund, provided, however, in no case shall any such requested annual contribution exceed the amount of such member's Maximum Annual Contribution.

b) Each year during the term of this Agreement, and from time to time as any member of the Partnership may reasonably request, the Administering Agent shall furnish to the members of the Partnership written statements of the condition of the Watershed Fund.

c) Grants or contributions made by non-members of the Partnership shall not be deemed to offset or diminish the obligations of the members of the Partnership under this Agreement.

d) If any member of the Partnership fails to contribute to the Watershed Fund as requested pursuant to this Agreement, such member's involvement and membership in the Partnership shall be terminated upon written notice of termination given by the Administering Agent to such member.

9. Title to Property. Title to any tangible property (e.g., monitoring equipment) obtained using funds contributed by members of the Partnership pursuant to this Agreement shall be held in the name of the Administering Agent in trust for the members of the Partnership in proportion to their total contributions to the Watershed Fund.

10. Counterparts. This Agreement may be executed in two or more counterparts, each of which shall be deemed an original, but all of which together shall

constitute one and the same instrument. Counterpart copies of this Agreement, as executed, shall be maintained as part of the records of the Administering Agent.

11. Effective Date: This Agreement shall become effective on July 1, 2004.

12. Duration of Agreement: This Agreement shall be in effect for a period of five years from and after its effective date.

13. Termination. Involvement of any member of the Partnership with the Partnership, and responsibilities under this Agreement, may be terminated by such member without cause effective upon 60 days written notice to the other members of the Partnership. Termination of a member's involvement with the Partnership pursuant to this Agreement shall not operate to terminate this Agreement nor shall it affect any rights obtained under this Agreement, prior to such notice of termination being given, for costs incurred or moneys advanced, or for actions taken or responsibilities assumed, by another member of the Partnership during the term of and pursuant to this Agreement.

14. Additional Planning and Implementation. The members of the Partnership may amend or supplement this Agreement from time to time as may be deemed necessary to provide long-term funding and authorization for additional planning and implementation of beneficial programs and projects to meet the mission and goals of this Agreement.

IN WITNESS WHEREOF, this Agreement is entered into by the members of the Partnership pursuant to resolutions duly adopted by their respective governing boards.

[Signature page(s) next]

INTERLOCAL COOPERATION ACT AGREEMENT
FOR CONTINUATION OF THE
PAPILLION CREEK WATERSHED PARTNERSHIP

SIGNATURE PAGE

Executed by the City of Bellevue, Nebraska on this ____ day of _____,
200__.

THE CITY OF BELLEVUE, NEBRASKA

BY

MAYOR

Attest:

CITY CLERK

INTERLOCAL COOPERATION ACT AGREEMENT
FOR CONTINUATION OF THE
PAPILLION CREEK WATERSHED PARTNERSHIP

SIGNATURE PAGE

Executed by the City of Bennington, Nebraska on this ____ day of
_____, 200__.

THE CITY OF BENNINGTON, NEBRASKA

BY

MAYOR

Attest:

CITY CLERK

INTERLOCAL COOPERATION ACT AGREEMENT
FOR CONTINUATION OF THE
PAPILLION CREEK WATERSHED PARTNERSHIP

SIGNATURE PAGE

Executed by the Village of Boys Town, Nebraska on this ____ day of _____,
200__.

THE VILLAGE OF BOYS TOWN, NEBRASKA

BY

MAYOR

Attest:

CITY CLERK

INTERLOCAL COOPERATION ACT AGREEMENT
FOR CONTINUATION OF THE
PAPILLION CREEK WATERSHED PARTNERSHIP

SIGNATURE PAGE

Executed by the City of Elkhorn, Nebraska on this ____ day of
_____, 200__.

THE CITY OF ELKHORN, NEBRASKA

BY

MAYOR

Attest:

CITY CLERK

INTERLOCAL COOPERATION ACT AGREEMENT
FOR CONTINUATION OF THE
PAPILLION CREEK WATERSHED PARTNERSHIP

SIGNATURE PAGE

Executed by the City of Gretna, Nebraska on this ____ day of
_____, 200__.

THE CITY OF GRETNA, NEBRASKA

BY

MAYOR

Attest:

CITY CLERK

INTERLOCAL COOPERATION ACT AGREEMENT
FOR CONTINUATION OF THE
PAPILLION CREEK WATERSHED PARTNERSHIP

SIGNATURE PAGE

Executed by the Village of Kennard, Nebraska on this ____ day of
_____, 200__.

THE VILLAGE OF KENNARD, NEBRASKA

BY

MAYOR

Attest:

CITY CLERK

INTERLOCAL COOPERATION ACT AGREEMENT
FOR CONTINUATION OF THE
PAPILLION CREEK WATERSHED PARTNERSHIP

SIGNATURE PAGE

Executed by the City of LaVista, Nebraska on this ____ day of
_____, 200__.

THE CITY OF LAVISTA, NEBRASKA

BY

MAYOR

Attest:

CITY CLERK

INTERLOCAL COOPERATION ACT AGREEMENT
FOR CONTINUATION OF THE
PAPILLION CREEK WATERSHED PARTNERSHIP

SIGNATURE PAGE

Executed by the City of Omaha, Nebraska on this ____ day of _____,
200__.

THE CITY OF OMAHA, NEBRASKA

BY

MAYOR

Attest:

CITY CLERK

INTERLOCAL COOPERATION ACT AGREEMENT
FOR CONTINUATION OF THE
PAPILLION CREEK WATERSHED PARTNERSHIP

SIGNATURE PAGE

Executed by the City of Papillion, Nebraska on this ____ day of _____,
200__.

THE CITY OF PAPILLION, NEBRASKA

BY

MAYOR

Attest:

CITY CLERK

INTERLOCAL COOPERATION ACT AGREEMENT
FOR CONTINUATION OF THE
PAPILLION CREEK WATERSHED PARTNERSHIP

SIGNATURE PAGE

Executed by the City of Ralston, Nebraska on this ____ day of _____,
200__.

THE CITY OF RALSTON, NEBRASKA

BY

MAYOR

Attest:

CITY CLERK

INTERLOCAL COOPERATION ACT AGREEMENT
FOR CONTINUATION OF THE
PAPILLION CREEK WATERSHED PARTNERSHIP

SIGNATURE PAGE

Executed by the County of Douglas, Nebraska on this ____ day of _____,
200__.

THE COUNTY OF DOUGLAS, NEBRASKA

BY

CHAIRPERSON, COUNTY BOARD

Attest:

COUNTY CLERK

INTERLOCAL COOPERATION ACT AGREEMENT
FOR CONTINUATION OF THE
PAPILLION CREEK WATERSHED PARTNERSHIP

SIGNATURE PAGE

Executed by the County of Sarpy, Nebraska on this ____ day of _____,
200__.

THE COUNTY OF SARPY, NEBRASKA

BY

CHAIRPERSON, COUNTY BOARD

Attest:

COUNTY CLERK

INTERLOCAL COOPERATION ACT AGREEMENT
FOR CONTINUATION OF THE
PAPILLION CREEK WATERSHED PARTNERSHIP

SIGNATURE PAGE

Executed by the County of Washington, Nebraska on this ____ day of _____,
200__.

THE COUNTY OF WASHINGTON, NEBRASKA

BY

CHAIRPERSON, COUNTY BOARD

Attest:

COUNTY CLERK

INTERLOCAL COOPERATION ACT AGREEMENT
FOR CONTINUATION OF THE
PAPILLION CREEK WATERSHED PARTNERSHIP

SIGNATURE PAGE

Executed by the Papio-Missouri River Natural Resources District on this ____ day
of _____, 200__.

PAPIO-MISSOURI RIVER NATURAL
RESOURCES DISTRICT

BY

GENERAL MANAGER

Progress and Future of the Papillion Creek Watershed Partnership

Interlocal Agreement for the Continuation
Of the Papillion Creek Watershed Partnership




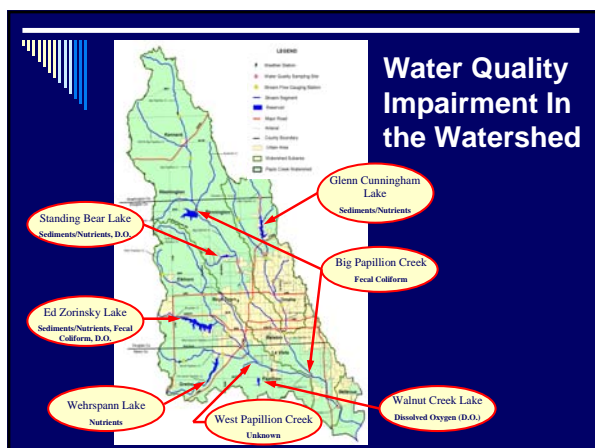
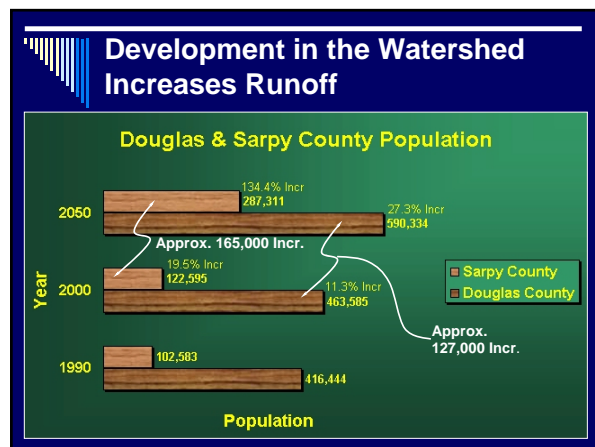
Prepared by:
Paul Woodward, Project Manager
Papio-Missouri River NRD
April 13, 2004

What is the Papillion Creek Watershed Partnership?

1. Watershed Location
2. Water Quantity Concern
3. Water Quality Concern
4. Mission and Goals
5. Existing Partners
6. Existing Agreement

Papillion Creek Watershed

- 402 square miles
 - 100 in Washington County
 - 200 in Douglas County
 - 100 in Sarpy County
- 3 main branches
 - Big Papillion Creek
 - Little Papillion Creek
 - West Papillion Creek

Partnership Mission and Goals

- Address issues related to water quality and storm water quantity in the Papillion Creek Watershed by establishing regionally common goals and standards for the development of the watershed through 2040
- Partnership goals include:
 - Compliance with Federal, State, and local regulations, including, without limitation, applications for Stormwater Phase II permits under NPDES;
 - Reduction of existing and future flood impacts;
 - Improvement of water quality in the Watershed's streams and reservoirs;
 - Increased water-based recreational opportunities and associated improvement in quality of life;
 - Standardization of the construction development process and evaluation of its effectiveness;
 - Assessment and characterization of current water quality and quantity conditions for the watershed;
 - Storm Water Management Plan update;
 - Environmental compliance;
 - Sediment and erosion control; and,
 - Effective floodplain management

Existing Partners

10 Cities

2 Counties

1 NRD

Existing Agreement

- 3-year agreement ending August 1, 2004
- Papio-Missouri River NRD serves as administering agent
- Established Watershed Fund from contributions totaling \$244,500 per year
- Funds are expended at the direction of the Executive Committee

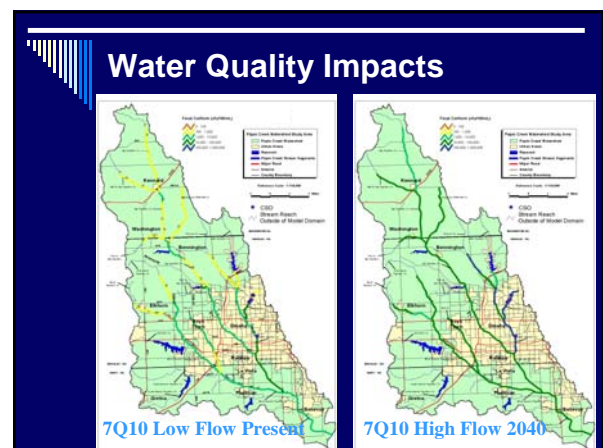
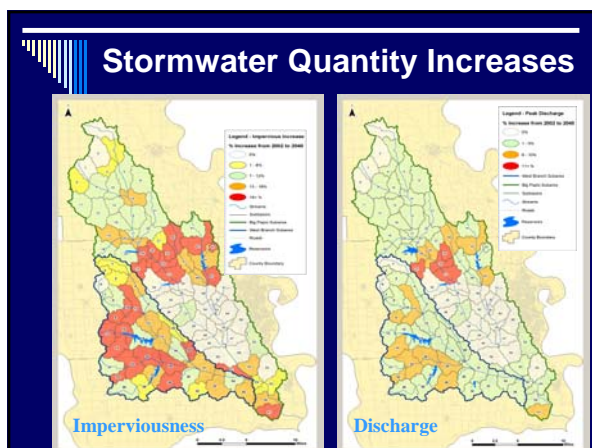
Entity	Annual Contribution
Bellevue	\$12,500
Bennington	\$1,000
Boys Town	\$1,000
Elkhorn	\$2,500
Gretna	\$1,000
La Vista	\$3,750
Omaha	\$100,000
Papillion	\$5,000
Ralston	\$2,500
Douglas County	\$40,000
Sarpy County	\$25,000
Papio-Missouri River NRD	\$50,000

Papillion Creek Watershed Partnership Members

Affiliation	Representative	Phone
Bellevue	David Goedeken	293-3030
Bennington	David Clark	571-8801
Boys Town	Robert Hayes	498-1135
Elkhorn	Don Eikmeier	289-2678
Gretna	Donna Stigge	332-3336
LaVista	Joe Soucie	331-8927
Omaha	Marty Grate	444-3908
Papillion	Marty Leming	597-2044
Ralston	Dan Freshman	331-6677
Douglas County	Kent Holm	444-6362
Sarpy County	Mark Wayne	593-2347
Papio-Missouri River NRD	Paul Woodward	444-6222

What has the Partnership Accomplished?

- Assessment of Current and Future Watershed Conditions
- Investigated Funding Sources
- Comprehensive Stormwater Management Plan and NPDES Permit Applications



Results of Assessment

- Imperviousness projected to increase from 13.8% in 2002 to 25.1% in 2040.
- Flooding potential will continue to increase without new controls.
 - Fort Crook gage peak discharge increase @ 5% and volume increase @ 9% by 2040.
 - Areas of more pronounced impacts
 - Big Papio between Bennington Road and Military Road
 - Big Papio between North Bridge Road (Old Mill) and Happy Hollow Country Club.
 - Big Papio Near Capehart Rd.
 - South Branch of West Papio below Gretna.
- Comprehensive BMPs will be required to control sediment transport, bacteria, and nutrients
 - Compliance with Regulatory Standards will be difficult.

Investigated Funding Sources

- Applied for several federal grants including:
 - EPA Watershed Initiative Proposal to help fund Zorinsky Sediment Basin and Household Hazardous Waste Facility
 - NDEQ Section 604 Funding Proposal to produce educational materials
 - Multiple proposals to EPA Region VII to stencil storm drains
- Helped promote the need for enabling State legislation to allow local governments the opportunity to obtain additional stormwater funding
- Requested additional appropriations of VA-HUD dollars through the EPA

Development of a Comprehensive Stormwater Management Plan

Best Management Practices selected by the Partnership as activities to meet NPDES Permit Requirements

Comprehensive Storm Water Management Plan

- A collection of Best Management Practices (BMP) which cover the six "minimum control measures" identified by EPA
 - Public Education and Outreach
 - Public Participation and Involvement
 - Illicit Discharge Detection and Elimination
 - Construction Site Runoff
 - Post-construction Runoff Control
 - Pollution Prevention/Good Housekeeping for Municipal Operations
- A designation of the timeframe in which these BMPs will be implemented
- Identified goals for each BMP from which annual activities can be measured and reported

1 Public Education and Outreach



- Household Hazardous Waste Information Brochures
- Partnership Website
 - www.papiopartnership.org
- Earth Day Participation
 - www.earthsite.org


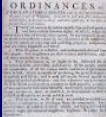


2 Public Participation & Involvement



- Stream Cleanup Day
- Community Hotline
- Household Hazardous Waste Drop Off Program
- Stakeholders Meetings
- Storm Drain Stenciling
- Website – Community Feedback

3 Illicit Discharge Detection & Elimination

- Outlet Inspection
- Illicit Discharge Ordinance
- BMP Tracking Database
- GIS Sewer System Map

4 Construction Site Runoff Control

- Develop Ordinance
- Contractor Certification Program
- Procedure for Site Inspection
- Erosion & Sediment Control Standards




5 Post-Construction Runoff Control

- BMP Inspection & Maintenance
- Procedure for Site Inspection
- BMP Master Plan




6 Pollution Prevention & Good Housekeeping

- Hazardous Material Storage Management
- Water Quality Field Sampling & Testing
- Fleet Vehicle Maintenance Program
- Storm Sewer Inspection & Catch Basin Cleaning
- Employee Training and Street Cleaning




Stormwater Management Time Line

1948	Federal Water Pollution Control Act - Ambient WQ Standards
1972	Clean Water Act
1987	Clean Water Act Amendment - Establish NPDES Stormwater point & non-point source programs
1990	Phase I NPDES Implementation
December 8, 1999	Phase II NPDES Rule Published
December 9, 2002	Phase II NPDES General Permit Issued
March 10, 2003	Phase II Permit Applications Due
2008	Phase II Programs Developed & Implemented
2012	Re-evaluation of Phase II Program

New Partnership Agreement

1. New Partnership Members
2. Similarities and Differences
3. Implementing BMPs
4. Annual Contributions
5. Schedule

Partners in New Agreement

11 Cities

3 Counties

1 NRD

Similarities and Differences

Similarities

- P-MRNRD is still the administrative agent
- Continue Watershed Fund
- Decisions still made by executive committee

Differences

- 5 years instead of 3 years (beginning July 1, 2004)
- Actual implementation of certain Stormwater Management BMPs
- Reimbursable expenses including in-kind services
- Increased Annual Contributions

Implementing Certain Stormwater Management BMPs

SWMP BMP #		Lead Partnership Member(s)	Partnership Cost Share Exemption(s)
100	Public Education and Outreach		
1.A	Household Hazardous Waste Public Info	City of Omaha	All Partnership Members
1.B	BMP Information and Earth Day	P-MRNRD [2]	Exempt All Partnership Members on Labor Only
1.C	Public Service Announcements (PSAs)	P-MRNRD [2]	None
200	Public Participation and Involvement		
2.A	Stormwater Hotline Administration	City of Omaha	All Partnership Members
2.B	Public Meetings	P-MRNRD [3]	None
2.C	Stream and Lake Clean-up Day	City of Omaha	Boys Town & Non-NPDES, Phase II Communities
2.D	Website and Community Feedback	City of Omaha	None

Implementing Certain Stormwater Management BMPs

SWMP BMP #		Lead Partnership Member(s)	Partnership Cost Share Exemption(s)
300	Illicit Discharge Detection and Elimination		
3.A	Storm Water Outlet Inspection	City of Omaha	All Partnership Members, except Douglas and Sarpy Counties
3.B	Illicit Discharge Ordinance (see 410 and 510)	P-MRNRD	All Partnership Members, Except for Administration Cost
3.C	GIS Sewer System Map	City of Omaha	Non-NPDES Phase II Communities
3.D	BMP/Water Quality Tracking Database	City of Omaha	Non-NPDES, Phase II Communities
3.E	Ordinance Inspection and Reporting	City of Omaha	All Partnership Members, except Douglas and Sarpy Counties

Implementing Certain Stormwater Management BMPs

SWMP BMP #		Lead Partnership Member(s)	Partnership Cost Share Exemption(s)
400	Construction Site Runoff Control		
4.A	Erosion Control Ordinance (see 320 and 510)	P-MRNRD [2]	All Partnership Members, Except for Administration Cost
4.B	Contractor Certification Program	City of Omaha and P-MRNRD [2]	Non-NPDES, Phase II Communities, Boys Town and Washington County
4.C	430 Construction Site Inspection Program	City of Omaha	Boys Town and Washington County
500	Post-Construction Runoff Control		
5.A	BMP Inspection and Maintenance Ordinance (see 320 and 410)	P-MRNRD [2]	All Partnership Members, Except for Administration Cost
5.B	Post-Construction Site Inspection Program	City of Omaha	All Partnership Members, except Douglas and Sarpy Counties
5.C	Watershed BMP Master Plan	All Partnership Members	None
700	Storm Water Monitoring Plan		
7.A, 7.B	Outfall Water Quality Monitoring	City of Omaha	Non-NPDES, Phase II Communities

Annual Contributions

	Previous Contribution	Previous Percentage	Proposed Contribution	Proposed Percentage
Agency				
Bellevue	\$12,500.00	5.1%	\$20,000.00	4.4%
Bennington	\$1,000.00	0.4%	\$500.00	0.1%
Boystown	\$1,000.00	0.4%	\$1,000.00	0.2%
Elkhorn	\$2,500.00	1.0%	\$3,500.00	0.8%
Gretna	\$1,000.00	0.4%	\$1,000.00	0.2%
La Vista	\$3,750.00	1.5%	\$5,000.00	1.1%
Kennard	\$0.00	0.0%	\$500.00	0.1%
Omaha	\$100,000.00	40.9%	\$184,000.00	41.0%
Papillion	\$5,000.00	2.0%	\$7,000.00	1.6%
Ralston	\$2,500.00	1.0%	\$2,500.00	0.6%
Douglas County	\$40,000.00	16.4%	\$65,000.00	14.4%
Sarpy County	\$25,000.00	10.2%	\$55,000.00	12.2%
Washington County	\$0.00	0.0%	\$15,000.00	3.3%
Papio NRD	\$50,000.00	20.5%	\$90,000.00	20.0%
TOTALS	\$244,250.00	100.00%	\$450,000.00	100.00%



Conclusion

- The new Partnership Agreement will:
 - Provide funding to implement Best Management Practices (BMPs) required by NPDES Permits
 - Continue to provide cost-savings by working together as well as local cost-share for federal or state grants
 - Allow local government to continue to address impacts to water quality and stormwater quantity on a watershed approach.
 - Continue to promote consistent and comprehensive stormwater management across jurisdictional boundaries



THANK YOU

ANY QUESTIONS?



INTERLOCAL COOPERATION ACT AGREEMENT
FOR CONTINUATION OF THE
PAPILLION CREEK WATERSHED PARTNERSHIP

THIS AGREEMENT (hereinafter referred to as “**this Agreement**”) is made by and among those of the following eligible parties who execute this Agreement prior to ~~August~~July 1, ~~2001~~2004, to-wit: the **CITY OF BELLEVUE**, Nebraska; the **CITY OF BENNINGTON**, Nebraska; the **VILLAGE OF BOYS TOWN**, Nebraska; the **CITY OF ELKHORN**, Nebraska; the **CITY OF GRETNA**, Nebraska; the **VILLAGE OF KENNARD**, Nebraska; the **CITY OF LAVISTA**, Nebraska; the **CITY OF OMAHA**, Nebraska; the **CITY OF PAPILLION**, Nebraska; the **CITY OF RALSTON**, Nebraska; the **COUNTY OF DOUGLAS**, Nebraska; the **COUNTY OF SARPY**, Nebraska; the **COUNTY OF WASHINGTON**, Nebraska; and, the **PAPIO-MISSOURI RIVER NATURAL RESOURCES DISTRICT**, those parties who execute ~~this~~ Agreement prior to such date hereinafter being referred to collectively as “**the Papillion Creek Watershed Partnership**,” or “**the Partnership**.”

WHEREAS, ~~each~~the Partnership, comprised of ~~the members of the Partnership is~~ governmental entities situated in whole or part within the watershed of the Papillion Creek (hereinafter referred to as “the Watershed”;), originally was formed through an Interlocal Cooperation Act Agreement dated on August 1, 2001 (hereinafter referred to as the “Initial Agreement”), and expiring on July 31, 2004.

WHEREAS, the Partnership has accomplished the assessment of existing water quality and quantity conditions, the cooperative preparation of NPDES Phase II Permit applications, the submittal of multiple grant applications, the analysis of additional flood control and the support of state storm water legislation. The Partnership coordinated

these issues at monthly meetings of its member's representatives. The progress of Partnership activities was presented to the public at annual meetings and on a website (www.papiopartnership.org);

WHEREAS, the Partnership was instrumental in the preparation of the “Partnership NPDES Phase II Storm Water Management Plan” for the Watershed, (hereinafter referred to as the “SWMP”) a true and correct copy of which is attached to this Agreement as Exhibit “A” and incorporated herein by this reference;

WHEREAS, by the members of the Partnership ~~acting~~continuing to act in concert and proposing, enacting and implementing common standards, there will be continued increases in effectiveness and in cost-sharing capability within the Partnership, particularly in the capability to implement the SWMP and to address federally-imposed requirements and mandates which are imminent and which must be funded locally;

WHEREAS, other premises that justified the original formation of the Partnership still exist, including, without limitation, that:

- The Watershed has not had a major widespread storm event since the 1960's;

- ~~WHEREAS, the~~ The hydrology of the Watershed for the Flood Insurance Study (late 1970's) is out of date;

- ~~WHEREAS, urbanization~~ Urbanization of the Watershed and associated impervious area have increased dramatically since the 60's and 70's;

- ~~WHEREAS, the~~ The August, 1999, storm event would have caused significantly more damage if centered over Omaha;

- ~~WHEREAS,~~ The Papillion Creek does not meet recreational standards specified by the State of Nebraska;

• ~~WHEREAS, deposition~~Deposition is occurring in Watershed Reservoirs at unacceptable rates;

• ~~WHEREAS, problems~~Problems exist in current community drainage systems;

• ~~WHEREAS, currently~~Currently there is inadequate funding for storm water quantity and water quality problems within the Watershed;

• ~~WHEREAS, currently~~Currently there is a lack of coordinated effort of Watershed storm water quantity and quality;

• ~~WHEREAS, the~~The benefits of reducing existing and future flood impacts in the Watershed include: decreased public and private property damages, reduced potential loss of life, lower flood insurance costs, decreased cost to taxpayers and public agencies for disaster relief;

• ~~WHEREAS, improvement~~Improvement of water quality in streams and reservoirs will result in increased fish, aquatic, and riparian habitat; recreational improvements, reduction of reservoir operation and maintenance costs; and improved aesthetics;

• ~~WHEREAS, potential~~Potential increased recreational opportunities from the work of the Partnership could include: green spaces (picnic areas, outdoor activities), boating, canoeing, fishing, trail systems, riparian areas for bird watching, nature hikes, education, wildlife viewing, etc.;

• ~~WHEREAS, techniques~~Techniques which could be employed by the Partnership include: facilitation of multi-use storm water structures; elevating the priority of storm water utility maintenance; minimization of future construction in the floodplain/floodway; matching pre-development runoff conditions; updating hydrology to 2001 and 2040; formulating a master drainage plan for the

Watershed; providing adequate construction and maintenance funding; buy-outs/relocations of structures in flood prone areas; providing increased upstream flood storage; enhancing public education and outreach; implementation of new construction site management practices; development of new development/redevelopment standards; implementation of an illicit discharge program; enhance environmental aspects of public street maintenance; reducing the environmental impacts of herbicide, pesticide, and fertilizer application; developing a water quality and quantity monitoring program; developing an industrial site inspection program; construction of retention/detention ponds designed for both water quantity and quality; restoration, creation and enhancement of wetlands; preservation of riparian areas; environmental restoration of streams; creation of buffer strips; use of grassed swales for drainageways; updating of design and construction standards; application of standardized ordinances throughout the Watershed; and, implementation of new set back ordinance and open drainage requirements;

• ~~WHEREAS, standardization~~Standardization of the construction development permit process would reduce liability to landowners from flooding and erosion problems, reduce sediment runoff during construction, and increase property values through recreational enhancements; and,

• ~~WHEREAS,~~Continuation of a coordinated effort will improve compliance with federal, state, and local regulations, such as Storm Water Program, Combined Sewer Overflow Program, National Pollutant Discharge Elimination System Point Source Permits, Federal Emergency Management Agency, and local planning and zoning regulations;

WHEREAS, in carrying out its mission, the Partnership ~~must~~will work cooperatively with, but not limited to, the U.S. Army Corps of Engineers, the

Metropolitan Area Planning Agency, the USDA Natural Resources Conservation Service, the Nebraska Game and Parks Commission, the Nebraska Department of Environmental Quality, the Nebraska Department of Natural Resources, the University of Nebraska, the University of Nebraska Cooperative Extension, and State and County Health Departments;

NOW, THEREFORE, in consideration of the foregoing recitals and their mutual covenants hereinafter expressed, the members of the Partnership agree as follows:

1. Authority: This Agreement is an agreement for collective and cooperative action made pursuant to authority provided in the Nebraska Interlocal Cooperation Act (Neb. Rev. Stat. §13-801, R.R.S., 1943, et seq.), without a separate entity being created, and, whenever possible, this Agreement shall be construed in conformity therewith.

2. Mission: It shall be the mission of the Partnership to address issues related to surface water quality and storm water quantity in the Watershed by establishing and implementing regionally common goals and standards for the development of the Watershed through 2040.

3. Applicability: Members of the partnership having jurisdiction over land area outside the physical boundaries of the Watershed expect that planning activities within the Watershed for projects of the Partnership will, insofar as feasible, apply universally to all such areas as though they were located physically within the Watershed.

4. Goals: The Partnership shall have as its goals:

a) Implementation of those elements of the SWMP and other programs and projects that are reasonably and feasibly undertaken by collective action of the Partnership;

~~a)b)~~ Compliance with Federal, State, and local storm water quantity and surface water quality regulations, including, without limitation, applications for Stormwater Phase II permits under the National Pollutant Discharge Elimination System;

~~b)~~ Reduction of existing and future flood impacts,

c) Improvement of water quality in the Watershed's streams and reservoirs;

d) Increased water-based recreational opportunities and associated improvement in quality of life;

e) Standardization of the construction development process and evaluation of its effectiveness;

f) Assessment and characterization of current water quality and quantity conditions for the watershed;

g) Storm Water Management Plan update;

h) Environmental compliance;

i) Sediment and erosion control; and,

j) Floodplain management.

5. Executive Committee: The members of the Partnership shall establish an Executive Committee consisting of one representative from each entity that is a member of the Partnership.

6. Administering Agent: The Executive Committee shall designate the Papio-Missouri River Natural Resources District, or other member of the Partnership which is willing to serve in such capacity, as Administering Agent to administer this Agreement. The Administering Agent shall serve at the pleasure of the Executive

Committee and shall perform duties assigned by the Executive Committee, which may include, without limitation:

- a) Seeking any state legislation which all parties to this Agreement determine necessary to support the work of the Partnership;
- b) Designating such personnel and assistance which shall be deemed necessary to support the work of the Partnership;
- c) Preparing, presenting and distributing educational materials;
- d) Organizing meetings of members of the Partnership and interested persons to share knowledge and compare projects and programs of all involved;
- e) Preparing reports on the work of the Partnership; and,
- f) Entering into contracts on behalf of the Partnership as the Executive Committee directs for the performance of specific actions consistent with both the goals of this Agreement and the respective missions of members of the Partnership; and,
- g) Holding and maintaining the Watershed Fund, calculating the amount of money necessary to be raised by contributions each year in order to carry out the work of the Partnership, and making requests for contributions from the members of the Partnership, all as the Executive Committee directs.
- h) **Funding:** ~~The members of the Partnership do hereby create the Watershed Fund, such fund~~ Disbursing the Watershed Fund as directed by the Executive Committee and reimbursing members of the Partnership for expenditures made on behalf of the Partnership or for the reasonable value of activities performed on behalf of the Partnership, as reasonable value is determined by the Executive Committee.

7. Implementation. The Partnership intends that the elements of the SWMP and other beneficial programs and projects meeting the mission and goals of this Agreement will be implemented as follows:

a) Responsibility for implementation of an element of the SWMP therein identified solely for individual action by a Partner will rest with the respective member(s) of the Partnership upon whom the primary duty to implement such element has been imposed by law or regulation.

b) Subject to the availability of funds, implementation of those elements of the SWMP therein identified for action by the Partnership or individual partners and identified in Exhibit “B” shall be voluntarily undertaken by the Partnership collectively; provided, however, no voluntary collective undertaking by the Partnership shall be deemed to relieve a member of the Partnership of a primary duty imposed upon such member by law or regulation.

c) Any elements of the SWMP, alternatively, may be voluntarily undertaken by the Partnership collectively if the Executive Committee determines that such course of action is reasonable and feasible.

d) If the Executive Committee determines that such course of action is reasonable and feasible, the Partnership may voluntarily and collectively undertake beneficial programs and projects meeting the mission and goals of this Agreement.

7.8. Funding: The Partnership Watershed Fund, established by the Initial Agreement, shall continue to be held by the Administering Agent in an interest-bearing account in trust for the members contributing thereto, in proportion to their contributions, and ~~to~~shall be expended as the Executive Committee directs for ~~(i)~~ initial planning of beneficial programs and projects to meet the mission and goals of this Agreement, ~~and~~ ~~(ii)~~ establishing mechanisms for long-term funding and authorization for additional

planning and implementation of such programs and projects, and for performance of other activities described in this Agreement. The Watershed Fund shall be funded and administered as follows:

~~a.a)~~ Within one year On or before the first day of July after the effective date of this Agreement, each member of the Partnership shall make an ~~initial~~ contribution to the Watershed Fund in the amount shown, opposite such member's name, in the second column of the table attached hereto as Exhibit "AC" and incorporated herein by reference (hereinafter referred to as the "**Maximum Annual Contribution**" for such member). ~~During the second and third years, respectively, after the effective date of this Agreement, the Administering Agent shall determine the amount of money necessary to carry out the work of the Partnership and request additional contributions each year of the members of the Partnership as necessary.~~ For subsequent years during the term of this Agreement, the Administering Agent shall request annual contributions from the members of the Partnership in the amounts necessary to carry out the work of the Partnership, the amounts of such subsequent-year contributions to be determined by the Administering Agent prior to the first day of June of such subsequent year and paid by the members of the Partnership before the first day of July of such subsequent year. These subsequent-year contributions shall be proportional to such members' first-~~year~~ contributions to the ~~watershed fund;~~ Watershed Fund, provided, however, in no case shall ~~such~~ any such requested annual contribution exceed the amount of such member's Maximum Annual Contribution.

b) ~~b.~~ Each year during the term of this Agreement, and from time to time as any member of the Partnership may reasonably request, the Administering Agent shall furnish to the members of the Partnership written statements of the condition of the Watershed Fund.

~~c)~~ ~~e.~~ Grants or contributions made by non-members of the Partnership shall not be deemed to offset or diminish the obligations of the members of the Partnership under this Agreement.

~~d)~~ ~~d.~~ If any member of the Partnership fails to contribute to the Watershed Fund as requested pursuant to this Agreement, such member's involvement and membership in the Partnership shall be terminated upon written notice of termination given by the Administering Agent to such member.

8.9. **Title to Property.** Title to any tangible property (e.g., monitoring equipment) obtained ~~under~~using funds contributed by members of the Partnership pursuant to this Agreement shall be held in the name of the Administering Agent in trust for the members of the Partnership in proportion to their total contributions to the Watershed Fund.

9.10. **Counterparts.** This Agreement may be executed in two or more counterparts, each of which shall be deemed an original, but all of which together shall constitute one and the same instrument. Counterpart copies of this Agreement, as executed, shall be maintained as part of the records of the Administering Agent.

10.11. **Effective Date:** This Agreement shall become effective on ~~August~~July 1, ~~2001~~2004.

11.12. **Duration of Agreement:** This Agreement shall be in effect for a period of ~~three~~five years from and after its effective date.

12.13. **Termination.** Involvement of any member of the Partnership with the Partnership, and responsibilities under this Agreement, may be terminated by such member without cause effective upon 60 days written notice to the other members of the Partnership. Termination of a member's involvement with the Partnership pursuant to this Agreement shall not operate to terminate this Agreement nor shall it affect any rights

obtained under this Agreement, prior to such notice of termination being given, for costs incurred or moneys advanced, or for actions taken or responsibilities assumed, by another member of the Partnership during the term of and pursuant to this Agreement.

13.14. Additional Planning and Implementation. The members of the Partnership may amend or supplement this Agreement from time to time as may be deemed necessary to provide long-term funding and authorization for additional planning and implementation of beneficial programs and projects to meet the mission and goals of this Agreement.

IN WITNESS WHEREOF, this Agreement is entered into by the members of the Partnership pursuant to resolutions duly adopted by their respective governing boards.

[Signature page(s) next]

III. Stormwater Management Plan (SWMP)

A. INTRODUCTION

This SWMP is an attachment to the NPDES permit application and contains proposals for implementing the Minimum Control Measures set forth in 40 CFR Part 122.34(b). _____ believes this SWMP meets or exceeds the requirements set forth in 40 CFR Part 122.34, and requests that these proposals be incorporated into the NPDES permit for its Municipal Separate Storm Sewer System (MS4).

At the time of this application, _____ is a member of the Papillion Creek Watershed Partnership (PCWP) through an inter-local agreement with other cities, counties, and the Papio-Missouri River Natural Resources District, located within the Papillion Creek Watershed. The goal of the PCWP is to develop a consistent and effective storm water management program throughout the urbanized areas of the Watershed, while sharing resources to accomplish this goal in the most cost-effective manner possible. Certain activity commitments in the SWMP may be completed through cooperative efforts carried out by the PCWP. However, if the applicant ceases to be a member of the PCWP, or the PCWP ceases to exist, the applicant is still responsible for performing the commitments in the SWMP.

It is anticipated that the NPDES permit will require an Annual Activity Report, in which the activities undertaken to comply with the *Measurable Commitments & Implementation Schedule* set forth in the SWMP below will be verified. The Annual Activity Report will be submitted within 90 days after each anniversary date of the permit.

Requirement #1: Public Education & Outreach

BMP #	SWMP Element Description	Measurable Commitments & Implementation Schedule
1.A	The applicant individually or as a member of the PCWP will create and distribute informational brochures on the proper disposal of household hazardous wastes and the availability of the Household Hazardous Waste facility.	Year 1- Develop program for distributing informational brochures on the proper disposal of hazardous waste. Year 2 thru 5 – Print and distribute brochures. Include the following in Annual Activity Reports: the quantity of waste received at the drop-off facility; a summary list of the distribution outlets used for brochures; and an estimate of the brochures distributed each year.
1.B	The applicant individually or as a member of the PCWP will provide information concerning best management practices and participate at public educational events such as Earth Day.	Years 1 thru 3: Develop materials and implementation plan. Summarize progress and plans in the Annual Activity Report. Years 4 thru 5: Print and/or broadcast announcements. Provide information on the number of announcements made and the media used in the Annual Activity Report.
1.C	The applicant individually or as a member of the PCWP will issue public service announcements related to storm water protection on local TV, radio or print outlets.	Ongoing, all years. A summary of the activities will be included in the Annual Activity Report.
1.D	Applicant will initiate a storm water drain-stenciling program to improve public awareness concerning illegal dumping. Develop standard specifications which require permanent stenciling to be molded into new concrete storm drains.	Year 1 – Develop standard specifications for pre-casted concrete storm drain inlets. Year 2 thru 5 – Implement standard specifications for pre-casted concrete storm drain inlets and include summary of installations in Annual Activity Report.

Comments: The stenciling of existing drain inlets is not included since this is likely to be a grant-funded activity if it occurs.

Requirement # 2: Public Participation and Involvement

BMP #	SWMP Element Description	Measurable Commitments & Implementation Schedule
2.A	The applicant individually or as a member of the PCWP will create and operate a system for handling phone calls and email for storm water-related concerns in the Watershed (general information, complaints, reports of illegal dumping, etc.). Also See BMP 2.D below.	Year 1 - Set up system to receive calls/email, documentation system, and forwarding protocols to responsible Partnership jurisdiction for response and/or corrective action. Years 2 thru 5 – Maintain system operation and include summary of received calls/emails in the Annual Activity Report.
2.B	The applicant as a member of the PCWP will participate in organizing and holding public meetings on Papillion Creek Watershed Plan updates and to solicit feedback for management policies, proposed BMP's, financial reports, etc.	Organize and hold 1 public meeting each year. A summary of activities and feedback will be included in the Annual Activity Report.
2.C	The applicant individually or as a member of the PCWP will implement a Stream Cleanup Day. Identify stream segments in need of cleanup and request volunteers from the local area, public groups, and representatives from local area business and developments.	Year 1 - Develop procedures for organization of cleanup day and an implementation plan. Years 2 thru 5 - Conduct one clean-up day each year. A summary of the clean-up day activities will be included in the Annual Activity Report.
2.D	The applicant as a member of the PCWP will participate in the operation of the PCWP website. Currently the website contains storm water related information and provides educational information to communities, businesses, and schools. Anticipated future enhancements include creation of an email comment/complaint form as part of the system described in 2.A above; and creation of a survey form for comments and suggestions on Watershed Planning.	Operation of website ongoing, all years. A summary of website updates will be included in the Annual Activity Report. Year 1 - Prepare input forms and establish guidelines for response. Year 2 to 5 - Have forms available on website. Include the following in the Annual Activity Report: the number of complaints and comments received each year and a summary of comment responses as related to Watershed Planning.
Comments:		

Requirement # 3: Illicit Discharge Detection and Elimination

BMP #	SWMP Element Description	Measurable Commitments & Implementation Schedule
3.A	The applicant will perform dry-weather inspections of all known, major storm water outlets (i.e., those with diameters of 36" or greater) concurrent with investigations to develop a sewer system map (See 3.C below). Inspections will include flow estimations, physical characteristic examinations (See attached procedure), and, if necessary to identify sources or pollutants, screening for additional pollutants. Will also inspect storm water outlets, including smaller outlets and those that discharge to lesser tributaries or other storm conduits, in response to suspect conditions and/or complaints.	Year 1 thru 2 - Identify and initially inspect existing stormwater outfalls in named creeks within the permitted area. Inspection records of these observations will be kept and included in the Annual Activity Report. Year 3 thru 5 – Investigate new or newly-discovered stormwater outfalls in named creeks and report observations in the Annual Activity Report. Years 1 thru 5 - Follow-up will also be conducted as set forth in BMP 3.E below.
3.B	The applicant will develop an ordinance to prohibit illicit non-storm water discharges accompanied by appropriate penalties and enforcement procedures. On new construction this will be enforced, in part, through the building permit process.	Year 1 - Draft proposed ordinance for consideration by applicant's public officials. Year 2 - Anticipate passage of ordinance by the end of this year. Year 3 thru 5 – Implement and enforce ordinance after its passage.
3.C	The applicant will develop a sewer system map of major storm water outfalls and identify the names of respective receiving waters. Mapping is to be GIS based. This map is intended to update the map submitted as part of the application pursuant to 40 CFR Part 122.33(b)(2)	Years 1 and 2 - Complete mapping for existing stormwater outfalls in named creeks and include map in Annual Activity Report Years 3 thru 5 - Maintain system for incremental new construction and include updated map in Annual Activity Report.
3.D	The applicant individually or as a member of the PCWP will implement a BMP/water quality tracking database (decision support system), including protocols for sharing resources within the Partnership and training staff. Functionality of database includes tracking of field inspections, annual reporting, and ties to GIS mapping if appropriate.	Ongoing, all years, input updated data and include documentation in Annual Activity Report.
Requirement # 3: Illicit Discharge Detection and Elimination - Continued on next page		

BMP #	SWMP Element Description	Measurable Commitments & Implementation Schedule
3.E	The applicant will investigate and seek resolution concerning any dry weather discharges of potentially polluted wastewater sources by notifying the source that they must discontinue discharging, and will initiate enforcement action consistent with adopted ordinance (See 3.B above). Any source that the applicant feels constitutes an immediate health or safety threat will be reported immediately to the NDEQ.	Ongoing all years. The following information will be included in the Annual Activity Report: 1) the number of process or potentially polluted wastewater sources found; 2) the number of above resolved at local level; and 3) the identity of any referred and/or unresolved discharge sources.

Requirement # 4: Construction Site Runoff Control

BMP #	SWMP Element Description	Measurable Commitments & Implementation Schedule
4.A	The applicant will develop and implement a storm water management and erosion control ordinance for construction sites down to 1 acre in size. Provisions will be included for design and specification review, for enforcement and penalties, for Erosion and Sediment Control requirements consistent with design criteria that meet the requirements of NDEQ's NPDES storm water permit for construction sites, and for waste disposal with respect to discarded building materials, concrete truck washout, chemicals, litter, and sanitary waste at the construction site.	Year 1: Draft an ordinance for consideration by applicant's public officials and provide for public input, as well as providing NDEQ with an opportunity for input. Year 2: Complete enactment of effective ordinance. Years 3-5: Implement ordinance through commitments made in BMP Elements 4.B and 4.C.
4.B	The applicant as a member of the PCWP will participate in the implementation of a Contractor Certification Program by conducting by providing annual instruction in conjunction with 4.A above and 4.C below.	Year 1 thru 4 - Provide one voluntary class per year. Include summary of participants and instruction in Annual Activity Report. Year 5 – Provide voluntary class and evaluate the need for a mandatory program. Include summary of participants, instruction, and recommendation in Annual Activity Report.
4.C	Applicant will develop and implement a construction site inspection program that included procedures for reporting and resolving deficiencies, notifying NDEQ of non-complying sites; and procedures for referral to NDEQ of non-complying sites that are not responding to local enforcement actions. Identify priority sites based on the nature of the site in terms of size, topography, soil characteristics, and receiving waters. Problems on previous sites will also be a consideration in targeting inspections. Follow-up inspections will be conducted when non-compliance is cited.	Years 3-5: Begin activity one (1) year after the ordinance is enacted and continue through the remainder of permit term. The Annual Activity Report will contain the following information relative to this commitment: 1) the number of inspections conducted in each of the following size categories: 1 to < 5 acres, 5 to < 20 acres, 20 to < 40 acres, & > 40 acres; 2) the number of sites receiving deficiency and non-compliance notices; 3) a summary report on any enforcement actions taken; 4) the identity of any sites that did not resolve deficiencies or non-compliance in a timely manner or that were referred to NDEQ; and 5) the identity of any developer or contractor that had re-occurring compliance problems.
Comment: Complaints will be handled by the system established through BMP 2.A.		

Requirement # 5: Post-construction Runoff Control

BMP #	SWMP Element Description	Measurable Commitments & Implementation Schedule
5.A	The applicant will include requirements for BMP Inspection and Maintenance in ordinance required in 4.A above.	Year 1: Draft proposed ordinance for consideration by applicant's public officials. Year 2: Anticipate passage of ordinance by the end of this year. Years 3-5: Implement and enforce ordinance through commitments made in BMP 5.B
5.B	The applicant will implement procedures for post construction site inspection (similar to 4.C above, except for follow-up inspections within one year of completion of construction). Identify priority sites based on the nature of the site in terms of size, topography, soil characteristics, and receiving waters.	Years 3-5: Begin activity one (1) year after the ordinance is enacted and continue through the remainder of permit term. The Annual Activity Report will contain the following information relative to this commitment: 1) The number of inspections conducted in each of the following size categories: 1 to < 5 acres, 5 to < 20 acres, 20 to < 40 acres, & > 40 acres; 2) The number of sites receiving deficiency and non-compliance notices; 3) A summary report on any enforcement actions taken; 4) The identity of any sites that did not resolve deficiencies or non-compliance in a timely manner or that were referred to NDEQ; and 5) The identity of any developer or contractor that had re-occurring compliance problems.
5.C	The applicant individually or as a member of the PCWP will develop and implement a Watershed master plan of structural BMPs that reduce the impact of urbanization on storm water run-off and improve water quality along with other needs, including green space, parks and recreation, urban planning, aesthetics, and public safety.	Year 1 – Hold public meeting concurrent with BMP 2.B designed to gather public input, include summary of meeting in Annual Activity Report. Year 2 - Coordinate responses and incorporate them into existing comprehensive or master plans, include summary in Annual Activity Report. Year 3 to 5 – Implement BMPs and include summary in Annual Activity Report.
Comments:		

Minimum Requirement # 6: Pollution Prevention/Good Housekeeping for Municipal Operations

BMP #	SWMP Element Description	Measurable Commitments & Implementation Schedule
6.A	The applicant will manage their vehicle maintenance facility to comply with the No Exposure Status as identified using NPDES form 3510/11 on an annual basis.	Ongoing all years. A completed and current copy of Form 3510/11, signed by the maintenance facility superintendent, shall be included in each Annual Activity Report.
6.B	The applicant will inspect storm sewer conduits, channels and catch basins and remove sediment and debris as needed to maintain an efficient system within permitted area, and will transport said materials to the municipal solid waste landfill for disposal.	Ongoing all years. A maintenance report will be included in the Annual Activity Report.
6.C	The applicant will develop and implement a training program for employees to prevent pollutant runoff from municipal operations. This would include training for general operation and maintenance activities, schedules, inspections, controls on the discharge of pollutants from streets, proper maintenance of salt/sand storage areas, waste cleanup and handling from transfer stations, etc. Identify responsible departments and personnel for training on operation and maintenance program.	Year 1 – Develop program and training materials and include them in Annual Activity Report. Year 2 thru 5 – Conduct training annually for employees and include summary in Annual Activity Report.
6.D	The applicant will conduct street cleaning on an ongoing basis, so as to reach all paved streets at least once every other year.	Ongoing all years. The approximate miles of streets cleaned per year will be included in the Annual Activity Report.

IV. Monitoring requirements**Activity #7: Storm Water Monitoring Plan**

SWMP Element #	SWMP Element Description	Measurable Commitments & Implementation Schedule
7.A	The applicant as a member of the PCWP will participate with in-stream water quality monitoring of named creeks in the Papillion Creek Watershed. Pollutant parameters to be analyzed will include BOD5, TSS, ammonia-nitrogen, nitrate-nitrogen, total nitrogen, soluble and total phosphorus, turbidity, pH fecal coliforms, E. coli, and Physical Characteristic Examinations. The purpose of the monitoring will be to identify any water quality concerns or pollutant sources so as to allow for evaluation and improvement of storm water management practices.	Year 1 - Develop monitoring plan and submit to NDEQ for review and comment. Years 2 thru 5: Conduct monitoring. The following information shall be included in the Annual Activity Report: 1) The monitoring data; and 2) A summary report on the findings relative to SWMP efforts.
7.B	The applicant as a member of the PCWP will participate in wet weather monitoring of a set of storm water outfalls identified in coordination with development of the water quality monitoring program established under BMP 7.A. on at least one storm water outfall annually. Test parameters will be the same as those specified in 7.A above. Composite samples that represent the peak flush of the discharge will be obtained for all parameters, except pH and the bacterial counts for which grab samples are required. Flow estimations as well as the intensity, timing and duration of any recent storm water events will be recorded. The in-stream water quality testing results, as well as watershed characteristics, will be considered in selecting the monitoring site(s). Also BMP assessment monitoring may be conducted in lieu of storm sewer outfall testing.	Year 1 - Develop monitoring plan and submit to NDEQ for review and comment. Years 2 - 5: Conduct monitoring. The following information shall be included in the Annual Activity Report: 1) the location of the monitoring site; 2) the intensity and duration of the storm event monitored; 3) the timing of sampling in comparison to the occurrence of the storm event and to the discharge of peak storm water flows; 4) the monitoring data; and 5) a summary report on the findings relative to SWMP efforts.

Record Keeping

All records of SWMP and Storm Water Monitoring activities will be kept for a period of at least 3 years.

EXHIBIT B

Stormwater Management Elements Shared by the Partnership

SWMP BMP #	100 Public Education and Outreach	Lead Partnership Member(s)	Partnership Cost Share Exemption(s)
1.A	Household Hazardous Waste Public Info	City of Omaha	All Partnership Members
1.B	BMP Information and Earth Day	P-MRNRD [2]	Exempt All Partnership Members on Labor Only
1.C	Public Service Announcements (PSAs)	P-MRNRD [2]	None

SWMP BMP #	200 Public Participation and Involvement	Lead Partnership Member(s)	Partnership Cost Share Exemption(s)
2.A	Stormwater Hotline Administration	City of Omaha	All Partnership Members
2.B	Public Meetings	P-MRNRD [3]	None
2.C	Stream and Lake Clean-up Day	City of Omaha	Boys Town & Non-NPDES, Phase II Communities
2.D	Website and Community Feedback	City of Omaha	None

SWMP BMP #	300 Illicit Discharge Detection and Elimination	Lead Partnership Member(s)	Partnership Cost Share Exemption(s)
3.A	Storm Water Outlet Inspection	City of Omaha	All Partnership Members, except Douglas and Sarpy Counties
3.B	Illicit Discharge Ordinance (see 410 and 510)	P-MRNRD	All Partnership Members, Except for Administration Cost
3.C	GIS Sewer System Map	City of Omaha	Non-NPDES Phase II Communities
3.D	BMP/Water Quality Tracking Database	City of Omaha	Non-NPDES, Phase II Communities
3.E	Ordinance Inspection and Reporting	City of Omaha	Non-NPDES Phase II Communities and Boys Town

SWMP BMP #	400 Construction Site Runoff Control	Lead Partnership Member(s)	Partnership Cost Share Exemption(s)
4.A	Erosion Control Ordinance (see 320 and 510)	P-MRNRD [2]	All Partnership Members, Except for Administration Cost
4.B	Contractor Certification Program	City of Omaha and P-MRNRD [2]	Non-NPDES, Phase II Communities, Boys Town and Washington County
4.C	430 Construction Site Inspection Program	City of Omaha	Boys Town and Washington County

SWMP BMP #	500 Post-Construction Runoff Control	Lead Partnership Member(s)	Partnership Cost Share Exemption(s)
5.A	BMP Inspection and Maintenance Ordinance (see 320 and 410)	P-MRNRD [2]	All Partnership Members, Except for Administration Cost
5.B	Post-Construction Site Inspection Program	City of Omaha	Non-NPDES, Phase II Communities and Boys Town
5.C	Watershed BMP Master Plan	All Partnership Members	None

SWMP BMP #	700 Storm Water Monitoring Plan	Lead Partnership Member(s)	Partnership Cost Share Exemption(s)
7.A, 7.B	Outfall Water Quality Monitoring	City of Omaha	Non-NPDES, Phase II Communities

EXHIBIT C

<u>Agency</u>	<u>Second Column Initial Contribution</u>	<u>Third Column Percentage</u>
Bellevue	\$20,000	4.4%
Bennington	\$500	0.1%
Boystown	\$1,000	0.2%
Elkhorn	\$3,500	0.8%
Gretna	\$1,000	0.2%
La Vista	\$5,000	1.1%
Kennard	\$500	0.1%
Omaha	\$184,000	41.0%
Papillion	\$7,000	1.6%
Ralston	\$2,500	0.6%
Douglas County	\$65,000	14.4%
Sarpy County	\$55,000	12.2%
Washington County	\$15,000	3.3%
Papio NRD	\$90,000	<u>20.0%</u>
TOTALS	\$450,000	100.0%

Papillion Creek Watershed Partnership

Estimated Papillion Creek Watershed Partnership Contributions for Sharable Stormwater Costs for Phase II Stormwater Permit Implementation

Population and Area for Stakeholder Communities

Community	Population ¹	Population Percent	Total Census Area ² (sq. mi.)	Area Percent	Averaged Percent Population & Area	Averaged Percent w/ NRD	Averaged Percent w/out NPDES	Averaged Percent w/out NPDES & Boystown	Averaged Percent w/out Boystown & Washington	Averaged Percent w/ only Douglas, Sarpy, and NRD
Bellevue	44,382	7.9%	13.4	3.3%	5.6%	4.5%	5.2%	5.2%	5.2%	0.0%
Benningtor	937	0.2%	0.4	0.1%	0.1%	0.1%	0.0%	0.0%	0.1%	0.0%
Boys Town	818	0.1%	1.4	0.4%	0.3%	0.2%	0.2%	0.0%	0.0%	0.0%
Douglas Cr	51,858	9.2%	73.8	18.4%	13.8%	11.1%	12.8%	12.9%	12.8%	43.0%
Elkhorn	6,062	1.1%	3.8	0.9%	1.0%	0.8%	0.9%	0.9%	0.9%	0.0%
Gretna	2,355	0.4%	1.2	0.3%	0.4%	0.3%	0.0%	0.0%	0.3%	0.0%
Kennard	371	0.1%	0.3	0.1%	0.1%	0.1%	0.0%	0.0%	0.1%	0.0%
LaVista	11,699	2.1%	2.8	0.7%	1.4%	1.1%	1.3%	1.3%	1.3%	0.0%
Omaha	390,007	69.2%	118.9	29.7%	49.5%	39.6%	45.9%	46.0%	45.7%	0.0%
Papillion	16,363	2.9%	4.2	1.0%	2.0%	1.6%	1.8%	1.8%	1.8%	0.0%
Ralston	6,314	1.1%	1.7	0.4%	0.8%	0.6%	0.7%	0.7%	0.7%	0.0%
Sarpy Cour	23,671	4.2%	78.4	19.6%	11.9%	9.5%	11.0%	11.1%	11.0%	37.0%
Washington	8,408	1.5%	100.0	25.0%	13.2%	10.6%	0.0%	0.0%	0.0%	0.0%
Papio-Missouri River NRD						20.0%	20.0%	20.0%	20.0%	20.0%
TOTAL	563,245	100.0%	400.3	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
					Non-NPDES	13.8%				
					Non-NPDES & Boystown	14.0%				
					Boystown and Washington	13.5%				
					Douglas and Sarpy County	25.7%				

¹U.S. Census Bureau Data - 2000 census

²U.S. Census Bureau Data - 2000 census (total land and water area)

³Douglas County SID populations estimated from MAPA 2000 extra-territorial jurisdiction (ETJ) values for Omaha and Elkhorn

⁴Sarpy County SID populations estimated from MAPA 2000 extra-territorial jurisdiction (ETJ) values for Bellevue, Papillion, LaVista, and Gretna

100 Public Education and Outreach		Lead Partnership Member(s)	Partnership Cost Share Exemption(s)	Annualized Average Cost to Partnership	Bellevue	Bennington	Boys Town	Douglas County (SIDs)	Elkhorn	Gretna	Kennard	LaVista	Omaha	Papillion	Ralston	Sarpy County (SIDs)	Washington	Papio NRD
110	Household Hazardous Waste Public Info	City of Omaha	All Partnership Members	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
120	BMP Information and Earth Day	P-MRNRD [2]	Exempt All Partnership Members on Labor Only	\$ -														
120.1	Develop Materials and Implementation Plan			\$ 2,730.00	\$ 122.60	\$ 2.88	\$ 5.49	\$ 301.97	\$ 22.04	\$ 7.78	\$ 1.54	\$ 30.43	\$ 1,080.43	\$ 43.10	\$ 16.85	\$ 259.79	\$ 289.10	\$ 546.00
120.2	Participate in Earth Day and Other Events			\$ 2,120.00	\$ 95.21	\$ 2.24	\$ 4.26	\$ 234.50	\$ 17.11	\$ 6.05	\$ 1.19	\$ 23.63	\$ 839.02	\$ 33.47	\$ 13.09	\$ 201.74	\$ 224.50	\$ 424.00
130	Public Service Announcements (PSAs)	P-MRNRD [2]	None	\$ 10,900.00	\$ 489.51	\$ 11.50	\$ 21.91	\$ 1,205.68	\$ 87.99	\$ 31.08	\$ 6.14	\$ 121.49	\$ 4,313.81	\$ 172.08	\$ 67.28	\$ 1,037.26	\$ 1,154.27	\$ 2,180.00
140	Stormwater Drain Markers	NPDES Phase I and Phase II Communities	All Partnership Members	\$ -														
140.1	Procurement			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
140.2	Installation			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
150	Annual Reporting	City of Omaha and P-MRNRD [2]	Non-NPDES Phase II Communities	\$ 490.00	\$ 25.53	\$ -	\$ 1.14	\$ 62.87	\$ 4.59	\$ -	\$ -	\$ 6.34	\$ 224.96	\$ 8.97	\$ 3.51	\$ 54.09	\$ -	\$ 98.00
SUBTOTAL				\$ 16,240.00	\$ 732.84	\$ 16.62	\$ 32.80	\$ 1,805.02	\$ 131.73	\$ 44.91	\$ 8.87	\$ 181.89	\$ 6,458.22	\$ 257.63	\$ 100.73	\$ 1,552.89	\$ 1,667.86	\$ 3,248.00

200 Public Participation and Involvement		Lead Partnership Member(s)	Partnership Cost Share Exemption(s)	Annualized Average Cost to Partnership	Bellevue	Bennington	Boys Town	Douglas County (SIDs)	Elkhorn	Gretna	Kennard	LaVista	Omaha	Papillion	Ralston	Sarpy County (SIDs)	Washington	Papio NRD
210	Stormwater Hotline Administration	City of Omaha	All Partnership Members; future cost sharing may occur if high phone traffic.	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
220	Public Meetings	P-MRNRD [3]	None	\$ -														
220.1	Planning			\$ 3,540.00	\$ 158.98	\$ 3.74	\$ 7.11	\$ 391.57	\$ 28.58	\$ 10.09	\$ 1.99	\$ 39.46	\$ 1,401.00	\$ 55.89	\$ 21.85	\$ 336.87	\$ 374.87	\$ 708.00
220.2	Hold Meetings			\$ 960.00	\$ 43.11	\$ 1.01	\$ 1.93	\$ 106.19	\$ 7.75	\$ 2.74	\$ 0.54	\$ 10.70	\$ 379.93	\$ 15.16	\$ 5.93	\$ 91.36	\$ 101.66	\$ 192.00
230	Stream and Lake Clean-up Day	City of Omaha	Boys Town & Non-NPDES, Phase II Communities	\$ 21,790.00	\$ 1,138.48	\$ -	\$ -	\$ 2,804.15	\$ 204.64	\$ -	\$ -	\$ 282.57	\$ 10,033.00	\$ 400.23	\$ 156.49	\$ 2,412.45	\$ -	\$ 4,358.00
240	Website and Community Feedback	City of Omaha	None	\$ 3,320.00	\$ 149.10	\$ 3.50	\$ 6.67	\$ 367.23	\$ 26.80	\$ 9.47	\$ 1.87	\$ 37.01	\$ 1,313.93	\$ 52.41	\$ 20.49	\$ 315.94	\$ 351.58	\$ 664.00
250	Annual Reporting	City of Omaha and P-MRNRD [2]	Non-NPDES Phase II Communities	\$ 490.00	\$ 25.53	\$ -	\$ 1.14	\$ 62.87	\$ 4.59	\$ -	\$ -	\$ 6.34	\$ 224.96	\$ 8.97	\$ 3.51	\$ 54.09	\$ -	\$ 98.00
SUBTOTAL				\$ 30,100.00	\$ 1,515.20	\$ 8.25	\$ 16.86	\$ 3,732.01	\$ 272.35	\$ 22.30	\$ 4.40	\$ 376.07	\$ 13,352.82	\$ 532.66	\$ 208.27	\$ 3,210.71	\$ 828.11	\$ 6,020.00

300 Illicit Discharge Detection and Elimination		Lead Partnership Member(s)	Partnership Cost Share Exemption(s)	Annualized Average Cost to Partnership	Bellevue	Bennington	Boys Town	Douglas County (SIDs)	Elkhorn	Gretna	Kennard	LaVista	Omaha	Papillion	Ralston	Sarpy County (SIDs)	Washington	Papio NRD
310	Storm Water Outlet Inspection	P-MRNRD [2]	All Partnership Members	\$ -														
310.1	Define Protocols (e.g., Numbering System, Data Collection)			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
310.2	Inspect Existing and New Outfalls		All Partnership Members, except Douglas and Sarpy Counties	\$ 2,075.75	\$ -	\$ -	\$ -	\$ 892.64	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 767.95	\$ -	\$ 415.15
320	Illicit Discharge Ordinance (see 410 and 510)	City of Omaha	All Partnership Members	\$ -														
320.1	Draft Proposed Ordinance			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
320.2	Ordinance Adoption and Public Process		All Partnership Members, Except for Administrative Fee	\$ 2,520.00	\$ 113.17	\$ 2.66	\$ 5.06	\$ 278.74	\$ 20.34	\$ 7.19	\$ 1.42	\$ 28.09	\$ 997.32	\$ 39.78	\$ 15.56	\$ 239.81	\$ 266.86	\$ 504.00

330	GIS Sewer System Map																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
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400 Construction Site Runoff Control		Lead Partnership Member(s)	Partnership Cost Share Exemption(s)	Annualized Average Cost to Partnership	Bellevue	Bennington	Boys Town	Douglas County (SIDs)	Elkhorn	Gretna	Kennard	LaVista	Omaha	Papillion	Ralston	Sarpy County (SIDs)	Washington	Papio NRD
410	Erosion Control Ordinance (see 320 and 510)			\$ -														
410.1	Draft Proposed Ordinance	City of Omaha	All Partnership Members	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
410.2	Ordinance Adoption and Public Process	P-MRNRD [2]	All Partnership Members, Except for Administrative Fee	\$ 3,040.00	\$ 136.52	\$ 3.21	\$ 6.11	\$ 336.26	\$ 24.54	\$ 8.67	\$ 1.71	\$ 33.88	\$ 1,203.12	\$ 47.99	\$ 18.77	\$ 289.29	\$ 321.92	\$ 608.00
420	Contractor Certification Program		Non-NPDES, Phase II	\$ -														
420.1	Draft Voluntary Certification Program	City of Omaha and P-MRNRD [2]	Communities, Boys Town and Washington County	\$ 510.00	\$ 26.65	\$ -	\$ -	\$ 65.63	\$ 4.79	\$ -	\$ -	\$ 6.61	\$ 234.82	\$ 9.37	\$ 3.66	\$ 56.46	\$ -	\$ 102.00
420.2	Review Certification Program			\$ 2,220.00	\$ 115.99	\$ -	\$ -	\$ 285.69	\$ 20.85	\$ -	\$ -	\$ 28.79	\$ 1,022.18	\$ 40.78	\$ 15.94	\$ 245.78	\$ -	\$ 444.00
420.3	Modify Certification Program			\$ 5,410.00	\$ 282.66	\$ -	\$ -	\$ 696.21	\$ 50.81	\$ -	\$ -	\$ 70.16	\$ 2,490.98	\$ 99.37	\$ 38.85	\$ 598.96	\$ -	\$ 1,082.00
430	430 Construction Site Inspection Program			\$ -														
430.1	430.1 Develop Site Inspection Program	City of Omaha	Boys Town and Washington County	\$ 2,980.00	\$ 154.69	\$ 3.63	\$ -	\$ 381.02	\$ 27.81	\$ 9.82	\$ 1.94	\$ 38.39	\$ 1,363.25	\$ 54.38	\$ 21.26	\$ 327.80	\$ -	\$ 596.00
430.2	430.2 Modify Program			\$ 2,800.00	\$ 145.35	\$ 3.42	\$ -	\$ 358.00	\$ 26.13	\$ 9.23	\$ 1.82	\$ 36.08	\$ 1,280.91	\$ 51.10	\$ 19.98	\$ 308.00	\$ -	\$ 560.00
430.3	430.3 Train Inspectors			\$ 5,190.00	\$ 269.42	\$ 6.33	\$ -	\$ 663.59	\$ 48.43	\$ 17.11	\$ 3.38	\$ 66.87	\$ 2,374.25	\$ 94.71	\$ 37.03	\$ 570.89	\$ -	\$ 1,038.00
430.4	430.4 Perform Site Inspections			\$ 76,980.00	\$ 3,996.08	\$ 93.89	\$ -	\$ 9,842.55	\$ 718.28	\$ 253.74	\$ 50.12	\$ 991.81	\$ 35,215.78	\$ 1,404.80	\$ 549.26	\$ 8,467.69	\$ -	\$ 15,396.00
440	Annual Reporting	City of Omaha and P-MRNRD [2]	Non-NPDES Phase II Communities	\$ 490.00	\$ 25.53	\$ -	\$ 1.14	\$ 62.87	\$ 4.59	\$ -	\$ -	\$ 6.34	\$ 224.96	\$ 8.97	\$ 3.51	\$ 54.09	\$ -	\$ 98.00
Subtotal				\$ 99,620.00	\$ 5,152.88	\$ 110.48	\$ 7.25	\$ 12,691.83	\$ 926.22	\$ 298.57	\$ 58.97	\$ 1,278.92	\$ 45,410.25	\$ 1,811.46	\$ 708.27	\$ 10,918.97	\$ 321.92	\$ 19,924.00

500 Post-Construction Runoff Control		Lead Partnership Member(s)	Partnership Cost Share Exemption(s)	Annualized Average Cost to Partnership	Bellevue	Bennington	Boys Town	Douglas County (SIDs)	Elkhorn	Gretna	Kennard	LaVista	Omaha	Papillion	Ralston	Sarpy County (SIDs)	Washington	Papio NRD
510	BMP Inspection and Maintenance Ordinance (see 320 and 410)			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
510.1	Draft Proposed Ordinance	City of Omaha	All Partnership Members	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
510.2	Ordinance Adoption and Public Process	P-MRNRD [2]	All Partnership Members, Except for Administration Cost	\$ 3,040.00	\$ 136.52	\$ 3.21	\$ 6.11	\$ 336.26	\$ 24.54	\$ 8.67	\$ 1.71	\$ 33.88	\$ 1,203.12	\$ 47.99	\$ 18.77	\$ 289.29	\$ 321.92	\$ 608.00
520	Post-Construction Site Inspection Program	City of Omaha	All Partnership Members, except Douglas and Sarpy Counties	\$ -														
520.1	Develop Site Inspection Program			\$ 812.81	\$ -	\$ -	\$ -	\$ 349.54	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 300.71	\$ -	\$ 162.56
520.2	Perform Site Inspections (Years 1 & 2)			\$ 1,424.99	\$ -	\$ -	\$ -	\$ 612.79	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 527.20	\$ -	\$ 285.00
520.3	Perform Site Inspections (Years 3 to 5)			\$ 4,604.20	\$ -	\$ -	\$ -	\$ 1,979.97	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,703.39	\$ -	\$ 920.84
530	Watershed BMP Master Plan	All Partnership Members	None	\$ 100,000.00	\$ 4,490.87	\$ 105.51	\$ 200.98	\$ 11,061.27	\$ 807.22	\$ 285.16	\$ 56.32	\$ 1,114.62	\$ 39,576.24	\$ 1,578.74	\$ 617.28	\$ 9,516.17	\$ 10,589.62	\$ 20,000.00
540	Annual Reporting	City of Omaha and P-MRNRD [2]	Non-NPDES Phase II Communities	\$ 490.00	\$ 25.53	\$ -	\$ 1.14	\$ 62.87	\$ 4.59	\$ -	\$ -	\$ 6.34	\$ 224.96	\$ 8.97	\$ 3.51	\$ 54.09	\$ -	\$ 98.00
Subtotal				\$ 110,372.00	\$ 4,652.92	\$ 108.72	\$ 208.24	\$ 14,402.70	\$ 836.35	\$ 293.83	\$ 58.04	\$ 1,154.84	\$ 41,004.31	\$ 1,635.71	\$ 639.55	\$ 12,390.85	\$ 10,911.54	\$ 22,074.40

600 Pollution Prevention/Good Housekeeping		Lead Partnership Member(s)	Partnership Cost Share Exemption(s)	Annualized Average Cost to Partnership	Bellevue	Bennington	Boys Town	Douglas County (SIDs)	Elkhorn	Gretna	Kennard	LaVista	Omaha	Papillion	Ralston	Sarpy County (SIDs)	Washington	Papio NRD	
610	Vehicle Maintenance Facility Management	All Partnership Members	All Partnership Members	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
620	Storm Sewer Inspection and Cleaning	All Partnership Members	All Partnership Members	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
630	Employee Training Program	All Partnership Members	All Partnership Members	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
630.1	Develop Training Program and Materials			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
630.2	Conduct Annual Training			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
640	Street Cleaning	All Partnership Members	All Partnership Members	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
650	Annual Reporting	City of Omaha and P-MRNRD [2]	Non-NPDES, Phase II Communities	\$ 490.00	\$ 25.53	\$ -	\$ 1.14	\$ 62.87	\$ 4.59	\$ -	\$ -	\$ 6.34	\$ 224.96	\$ 8.97	\$ 3.51	\$ 54.09	\$ -	\$ 98.00	
Subtotal				\$ 490.00	\$ 25.53	\$ -	\$ 1.14	\$ 62.87	\$ 4.59	\$ -	\$ -	\$ 6.34	\$ 224.96	\$ 8.97	\$ 3.51	\$ 54.09	\$ -	\$ 98.00	

700	Storm Water Monitoring Plan	Lead Partnership Member(s)	Partnership Cost Share Exemption(s)		Bellevue	Bennington	Boys Town	Douglas County (SIDs)	Elkhorn	Gretna	Kennard	LaVista	Omaha	Papillion	Ralston	Sarpy County (SIDs)	Washington	Papio NRD
710	Outfall Water Quality Monitoring [5]	City of Omaha [4]	Non-NPDES, Phase II Communities	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
710.1	Develop QA/QC Plan			\$ 320.00	\$ 16.67	\$ -	\$ 0.75	\$ 41.06	\$ 3.00	\$ -	\$ -	\$ 4.14	\$ 146.91	\$ 5.86	\$ 2.29	\$ 35.33	\$ -	\$ 64.00
710.2	Conduct Outfall Monitoring			\$ 19,020.00	\$ 990.86	\$ -	\$ 44.35	\$ 2,440.55	\$ 178.10	\$ -	\$ -	\$ 245.93	\$ 8,732.05	\$ 348.33	\$ 136.19	\$ 2,099.64	\$ -	\$ 3,804.00
720	Stream Quality Monitoring			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
720.1	Develop Monitoring Plan including QA/QC			\$ 1,850.00	\$ 96.38	\$ -	\$ 4.31	\$ 237.38	\$ 17.32	\$ -	\$ -	\$ 23.92	\$ 849.33	\$ 33.88	\$ 13.25	\$ 204.22	\$ -	\$ 370.00
720.2	NDEQ Basin Monitoring			\$ 7,280.00	\$ 379.26	\$ -	\$ 16.97	\$ 934.13	\$ 68.17	\$ -	\$ -	\$ 94.13	\$ 3,342.24	\$ 133.33	\$ 52.13	\$ 803.65	\$ -	\$ 1,456.00
720.3	Continue Stream Monitoring			\$ 49,320.00	\$ 2,569.36	\$ -	\$ 114.99	\$ 6,328.48	\$ 461.84	\$ -	\$ -	\$ 637.70	\$ 22,642.74	\$ 903.24	\$ 353.16	\$ 5,444.48	\$ -	\$ 9,864.00
720.4	Conduct BMP Monitoring			\$ 22,430.00	\$ 1,168.51	\$ -	\$ 52.30	\$ 2,878.10	\$ 210.04	\$ -	\$ -	\$ 290.02	\$ 10,297.58	\$ 410.78	\$ 160.61	\$ 2,476.07	\$ -	\$ 4,486.00
730	Annual Reporting			\$ 960.00	\$ 50.01	\$ -	\$ 2.24	\$ 123.18	\$ 8.99	\$ -	\$ -	\$ 12.41	\$ 440.73	\$ 17.58	\$ 6.87	\$ 105.98	\$ -	\$ 192.00
				\$ 101,180.00	\$ 5,271.05	\$ -	\$ 235.90	\$ 12,982.88	\$ 947.46	\$ -	\$ -	\$ 1,308.25	\$ 46,451.59	\$ 1,853.00	\$ 724.51	\$ 11,169.36	\$ -	\$ 20,236.00
ANNUAL TOTAL				\$ 410,366.71	\$ 18,965.51	\$ 246.73	\$ 574.47	\$ 58,692.44	\$ 3,409.00	\$ 666.79	\$ 131.71	\$ 4,707.16	\$ 167,135.28	\$ 6,667.21	\$ 2,606.83	\$ 50,493.95	\$ 13,996.30	\$ 82,073.34
PERCENTAGE					4.6%	0.1%	0.1%	14.3%	0.8%	0.2%	0.0%	1.1%	40.7%	1.6%	0.6%	12.3%	3.4%	20.0%
ANNUAL TOTAL PLUS 10%				\$ 451,403.38	\$ 20,862.06	\$ 271.40	\$ 631.92	\$ 64,561.68	\$ 3,749.90	\$ 733.47	\$ 144.88	\$ 5,177.87	\$ 183,848.81	\$ 7,333.93	\$ 2,867.51	\$ 55,543.34	\$ 15,395.93	\$ 90,280.68
ROUNDED ANNUAL PARTNERSHIP CONTRIBUTION TOTAL				\$ 450,000.00	\$ 20,000.00	\$ 500.00	\$ 1,000.00	\$ 65,000.00	\$ 3,500.00	\$ 1,000.00	\$ 500.00	\$ 5,000.00	\$ 184,000.00	\$ 7,000.00	\$ 2,500.00	\$ 55,000.00	\$ 15,000.00	\$ 90,000.00
OVERALL PERCENTAGE				100.0%	4.4%	0.1%	0.2%	14.4%	0.8%	0.2%	0.1%	1.1%	40.9%	1.6%	0.6%	12.2%	3.3%	20.0%

Papillion Creek Watershed Partnership												
Estimated Annualized Costs for Phase II Stormwater Permit Implementation and Reimbursement												
Minimum Control Measures & Subtasks	Lead Partnership Member(s)	Partnership Cost Share Exemption [1]				External Contracted Costs	Est. Combined Total Costs	Annualized Average Cost to Partnership	Annualized Average Cost Incurred by Omaha w/out Reimbursement	Annualized Cost Remaining	Omaha Reimbursement	NRD Reimbursement
					Est. Total Cost							
			Payroll Cost	Direct Expenses								
100 Public Education and Outreach												
110 Household Hazardous Waste Public Info	City of Omaha	All Partnership Members	\$0	\$23,900	\$23,900	\$0	\$23,900	\$ -	\$ 25,380.00	\$ -	\$ -	\$ -
120 BMP Information and Earth Day	P-MRNRD [2]	Exempt All Partnership Members on Labor Only										
120.1 Develop Materials and Implementation Plan			\$1,570	\$1,000	\$2,570	\$0	\$2,570	\$ 2,730.00	\$ -	\$ -	\$ -	\$ 2,730.00
120.2 Participate in Earth Day and Other Events			\$5,200	\$2,000	\$7,200	\$0	\$7,200	\$ 2,120.00	\$ -	\$ -	\$ -	\$ 2,120.00
130 Public Service Announcements (PSAs)	P-MRNRD [2]	None	\$260	\$0	\$260	\$10,000	\$10,260	\$ 10,900.00	\$ -	\$ -	\$ -	\$ 10,900.00
140 Stormwater Drain Markers	NPDES Phase I and Phase II Communities	All Partnership Members										
140.1 Procurement			\$260	\$40,000	\$40,260	\$0	\$40,260		\$ -	\$ 42,750.00	\$ -	\$ -
140.2 Installation			\$520	\$0	\$520	\$20,000	\$20,520		\$ -	\$ 21,790.00	\$ -	\$ -
150 Annual Reporting	City of Omaha and P-MRNRD [2]	Non-NPDES Phase II Communities	\$972	\$0	\$972	\$0	\$972	\$ 490.00	\$ -	\$ -	\$ 245.00	\$ 245.00
						Total Task Costs		\$16,240	\$25,380	\$64,540	\$245	\$15,995
200 Public Participation and Involvement												
210 Stormwater Hotline Administration	City of Omaha	All Partnership Members; future cost sharing may occur if high phone traffic.	\$19,136	\$0	\$19,136	\$0	\$19,136	\$ -	\$ 20,320.00	\$ -	\$ -	\$ -
220 Public Meetings	P-MRNRD [3]	None										
220.1 Planning			\$2,704	\$625	\$3,329	\$0	\$3,329	\$ 3,540.00	\$ -	\$ -	\$ -	\$ 3,540.00
220.2 Hold Meetings			\$702	\$200	\$902	\$0	\$902	\$ 960.00	\$ -	\$ -	\$ -	\$ 960.00
230 Stream and Lake Clean-up Day	City of Omaha	Boys Town & Non-NPDES, Phase II Communities	\$520	\$0	\$520	\$20,000	\$20,520	\$ 21,790.00	\$ -	\$ -	\$ 21,790.00	\$ -
240 Website and Community Feedback	City of Omaha	None	\$2,028	\$1,100	\$3,128	\$0	\$3,128	\$ 3,320.00	\$ -	\$ -	\$ 3,320.00	\$ -
250 Annual Reporting	City of Omaha and P-MRNRD [2]	Non-NPDES Phase II Communities	\$972	\$0	\$972	\$0	\$972	\$ 490.00	\$ -	\$ -	\$ 245.00	\$ 245.00
						Total Task Costs		\$30,100	\$20,320	\$0	\$25,355	\$4,745
300 Illicit Discharge Detection and Elimination												
310 Storm Water Outlet Inspection												
310.1 Define Protocols (e.g., Numbering System, Data Collection)	City of Omaha	All Partnership Members	\$2,163	\$0	\$2,163	\$0	\$2,163	\$ -	\$ -	\$430	\$ -	\$ -
310.2 Inspect Existing and New Outfalls	City of Omaha	All Partnership Members, except Douglas and Sarpy Counties	\$37,180	\$3,160	\$40,340	\$0	\$40,340	\$ 2,075.75	\$ -	\$ 5,996.01	\$ 2,075.75	\$ -
320 Illicit Discharge Ordinance (see 410 and 510)												

Papillion Creek Watershed Partnership												
Estimated Annualized Costs for Phase II Stormwater Permit Implementation and Reimbursement												
Minimum Control Measures & Subtasks	Lead Partnership Member(s)	Partnership Cost Share Exemption [1]				External Contracted Costs	Est. Combined Total Costs	Annualized Average Cost to Partnership	Annualized Average Cost Incurred by Omaha w/out Reimbursement	Annualized Cost Remaining	Omaha Reimbursement	NRD Reimbursement
			Payroll Cost	Direct Expenses	Est. Total Cost							
320.1 Draft Proposed Ordinance	City of Omaha	All Partnership Members	\$10,400	\$0	\$10,400	\$0	\$10,400	\$ -	\$2,080	\$ -	\$ -	\$ -
320.2 Ordinance Adoption and Public Process	P-MRNRD	All Partnership Members, Except for Administrative Fee	\$12,256	\$0	\$12,256	\$0	\$12,256	\$ 2,520.00	\$ -	\$ -	\$ -	\$ 2,520.00
330 GIS Sewer System Map												
330.1 Completion of Mapping for Existing Stormwater Outfalls	City of Omaha	Non-NPDES Phase II Communities	\$10,738	\$0	\$10,738	\$0	\$10,738	\$ 2,150.00	\$ -	\$ -	\$ 2,150.00	\$ -
330.2 Mapping Updates for New Construction			\$5,369	\$0	\$5,369	\$0	\$5,369	\$ 4,770.00	\$ -	\$ -	\$ 4,770.00	\$ -
340 BMP/Water Quality Tracking Database												
340.1 Update Database and Provide Training (Year 1)	City of Omaha	Non-NPDES, Phase II Communities	\$1,950	\$1,500	\$3,450	\$20,000	\$23,450	\$ 4,690.00	\$ -	\$ -	\$ 4,690.00	\$ -
340.2 Update Database Structure (Years 2 to 5)			\$780	\$0	\$780	\$8,500	\$9,280	\$ 8,000.00	\$ -	\$ -	\$ 8,000.00	\$ -
340.3 Data Entry			\$9,932	\$200	\$10,132	\$0	\$10,132	\$ 8,730.00	\$ -	\$ -	\$ 8,730.00	\$ -
350 Ordinance Enforcement and Reporting	City of Omaha	All Partnership Members, except Douglas and Sarpy Counties	\$0	\$0	\$0	\$0	\$0	\$ 18,938.96	\$ -	\$ 54,707.09	\$ 18,938.96	\$ -
360 Annual Reporting	City of Omaha and P-MRNRD [2]	Non-NPDES Phase II Communities	\$972	\$0	\$972	\$0	\$972	\$ 490.00	\$ -	\$ -	\$ 245.00	\$ 245.00
Total Task Costs								\$52,365	\$2,080	\$61,133	\$49,600	\$2,765
400 Construction Site Runoff Control												
410 Erosion Control Ordinance (see 320 and 510)												
410.1 Draft Proposed Ordinance	City of Omaha	All Partnership Members	\$10,400	\$0	\$10,400	\$0	\$10,400	\$ -	\$2,080	\$ -	\$ -	\$ -
410.2 Ordinance Adoption and Public Process	P-MRNRD [2]	All Partnership Members, Except for Administrative Fee	\$12,256	\$2,500	\$14,756	\$0	\$14,756	\$ 3,040.00	\$ -	\$ -	\$ -	\$ 3,040.00
420 Contractor Certification Program												
420.1 Draft Voluntary Certification Program	City of Omaha and P-MRNRD [2]	Non-NPDES, Phase II Communities, Boys Town and Washington County	\$0	\$0	\$0	\$0	\$0	\$ -	\$ -	\$ -	\$ -	\$ -
420.2 Review Certification Program			\$2,548	\$0	\$2,548	\$0	\$2,548	\$ 510.00	\$ -	\$ -	\$ 255.00	\$ 255.00
420.3 Modify Certification Program			\$2,569	\$0	\$2,569	\$0	\$2,569	\$ 2,220.00	\$ -	\$ -	\$ 1,110.00	\$ 1,110.00
430 430 Construction Site Inspection Program												
430.1 Develop Site Inspection Program	City of Omaha	Boys Town and Washington County	\$5,096	\$0	\$5,096	\$0	\$5,096	\$ 5,410.00	\$ -	\$ -	\$ 2,705.00	\$ 2,705.00
430.2 Modify Program			\$2,808	\$0	\$2,808	\$0	\$2,808	\$ 2,980.00	\$ -	\$ -	\$ 2,980.00	\$ -
430.3 Train Inspectors			\$2,639	\$0	\$2,639	\$0	\$2,639	\$ 2,800.00	\$ -	\$ -	\$ 2,800.00	\$ -
430.4 Perform Site Inspections			\$4,888	\$0	\$4,888	\$0	\$4,888	\$ 5,190.00	\$ -	\$ -	\$ 5,190.00	\$ -
			\$114,374	\$3,000	\$117,374	\$0	\$117,374	\$ 76,980.00	\$ -	\$ -	\$ 76,980.00	\$ -

Papillion Creek Watershed Partnership Estimated Annualized Costs for Phase II Stormwater Permit Implementation and Reimbursement												
Minimum Control Measures & Subtasks	Lead Partnership Member(s)	Partnership Cost Share Exemption [1]				External Contracted Costs	Est. Combined Total Costs	Annualized Average Cost to Partnership	Annualized Average Cost Incurred by Omaha w/out Reimbursement	Annualized Cost Remaining	Omaha Reimbursement	NRD Reimbursement
			Payroll Cost	Direct Expenses	Est. Total Cost							
440 Annual Reporting	City of Omaha and P-MRNRD [2]	Non-NPDES Phase II Communities	\$972	\$0	\$972	\$0	\$972	\$ 490.00	\$ -	\$ -	\$ 245.00	\$ 245.00
Total Task Costs								\$99,620	\$2,080	\$0	\$92,265	\$7,355
500 Post-Construction Runoff Control												
510 BMP Inspection and Maintenance Ordinance (see 320 and 410)												
510.1 Draft Proposed Ordinance	City of Omaha	All Partnership Members	\$10,400	\$0	\$10,400	\$0	\$10,400	\$ -	\$ 2,080.00	\$ -	\$ -	\$ -
510.2 Ordinance Adoption and Public Process	P-MRNRD [2]	All Partnership Members, Except for Administration Cost	\$12,256	\$2,500	\$14,756	\$0	\$14,756	\$ 3,040.00	\$ -	\$ -	\$ -	\$ 3,040.00
520 Post-Construction Site Inspection Program												
520.1 Develop Site Inspection Program	City of Omaha	All Partnership Members, except Douglas and Sarpy Counties	\$2,978	\$0	\$2,978	\$0	\$2,978	\$ 812.81	\$ -	\$ 2,347.88	\$ 812.81	\$ -
520.2 Perform Site Inspections (Years 1 & 2)			\$13,650	\$0	\$13,650	\$0	\$13,650	\$ 1,424.99	\$ -	\$ 4,116.22	\$ 1,424.99	\$ -
520.3 Perform Site Inspections (Years 3 to 5)			\$27,300	\$0	\$27,300	\$0	\$27,300	\$ 4,604.20	\$ -	\$ 13,299.70	\$ 4,604.20	\$ -
530 Watershed BMP Master Plan	P-MRNRD [2]	None	\$0	\$0	\$0	\$100,000	\$0	\$ 100,000.00	\$ -	\$ -	\$ -	\$ 100,000.00
540 Annual Reporting	City of Omaha and P-MRNRD [2]	Non-NPDES Phase II Communities	\$972	\$0	\$972	\$0	\$972	\$ 490.00	\$ -	\$ -	\$ 245.00	\$ 245.00
Total Task Costs								\$110,372	\$2,080	\$19,764	\$7,087	\$103,285
600 Pollution Prevention/Good Housekeeping												
610 Vehicle Maintenance Facility Management	City of Omaha	All Partnership Members	\$28,470	\$0	\$28,470	\$0	\$28,470	\$ -	\$ -	\$ 30,230.00	\$ -	\$ -
620 Storm Sewer Inspection and Cleaning	City of Omaha	All Partnership Members	\$0	\$0	\$0	\$0	\$0	\$ -	\$ -	\$ -	\$ -	\$ -
630 Employee Training Program			\$0	\$0	\$0	\$0	\$0	\$ -	\$ -	\$ -	\$ -	\$ -
630.1 Develop Training Program and Materials	City of Omaha	All Partnership Members	\$2,548	\$0	\$2,548	\$0	\$2,548	\$ -	\$ -	\$ 2,700.00	\$ -	\$ -
630.2 Conduct Annual Training			\$577	\$0	\$577	\$0	\$577	\$ -	\$ -	\$ 610.00	\$ -	\$ -
640 Street Cleaning	City of Omaha	All Partnership Members	\$0	\$0	\$0	\$0	\$0	\$ -	\$ -	\$ -	\$ -	\$ -
650 Annual Reporting	City of Omaha and P-MRNRD [2]	Non-NPDES, Phase II Communities	\$972	\$0	\$972	\$0	\$972	\$ 490.00	\$ -		\$ 245.00	\$ 245.00
Total Task Costs								\$490	\$0	\$33,540	\$245	\$245

Papillion Creek Watershed Partnership Estimated Annualized Costs for Phase II Stormwater Permit Implementation and Reimbursement												
Minimum Control Measures & Subtasks	Lead Partnership Member(s)	Partnership Cost Share Exemption [1]						Annualized Average Cost to Partnership	Annualized Average Cost Incurred by Omaha w/out Reimbursement	Annualized Cost Remaining	Omaha Reimburse-ment	NRD Reimburse-ment
			Payroll Cost	Direct Expenses	Est. Total Cost	External Contracted Costs	Est. Combined Total Costs					
700 Storm Water Monitoring Plan	Lead Partnership Member(s)	Partnership Cost Share Exemption(s)										
710 Outfall Water Quality Monitoring [5]	City of Omaha [4]	Non-NPDES, Phase II Communities										
710.1 Develop QA/QC Plan			\$1,617	\$0	\$1,617	\$0	\$1,617	\$ 320.00	\$ -	\$ -	\$ 320.00	\$ -
710.2 Conduct Outfall Monitoring			\$6,916	\$8,000	\$14,916	\$3,000	\$17,916	\$ 19,020.00	\$ -	\$ -	\$ 19,020.00	\$ -
720 Stream Quality Monitoring												
720.1 Develop Monitoring Plan including QA/QC			\$4,555	\$0	\$4,555	\$0	\$4,555	\$ 1,850.00	\$ -	\$ -	\$ 1,850.00	\$ -
720.2 NDEQ Basin Monitoring			\$35,360	\$0	\$35,360	\$0	\$35,360	\$ 7,280.00	\$ -	\$ -	\$ 7,280.00	\$ -
720.3 Continue Stream Monitoring			\$31,200	\$3,000	\$34,200	\$41,000	\$75,200	\$ 49,320.00	\$ -	\$ -	\$ 49,320.00	\$ -
720.4 Conduct BMP Monitoring			\$31,200	\$0	\$31,200	\$3,000	\$34,200	\$ 22,430.00	\$ -	\$ -	\$ 22,430.00	\$ -
730 Annual Reporting			\$3,234	\$100	\$3,334	\$0	\$3,334	\$ 960.00	\$ -	\$ -	\$ 960.00	\$ -
						Total Task Costs		\$101,180	\$0	\$0	\$101,180	\$0
SUMMARY OF ESTIMATED COSTS FOR PHASE II STORMWATER PERMIT COMPLIANCE												
100 Public Education and Outreach								\$16,240	\$25,380	\$64,540	\$245	\$15,995
200 Public Participation and Involvement								\$30,100	\$20,320	\$0	\$25,355	\$4,745
300 Illicit Discharge Detection and Elimination								\$52,365	\$2,080	\$61,133	\$49,600	\$2,765
400 Construction Site Runoff Control								\$99,620	\$2,080	\$0	\$92,265	\$7,355
500 Post-Construction Runoff Control								\$110,372	\$2,080	\$19,764	\$7,087	\$103,285
600 Pollution Prevention/Good Housekeeping								\$490	\$0	\$33,540	\$245	\$245
700 Storm Water Monitoring Plan								\$101,180	\$0	\$0	\$101,180	\$0
						Grand Totals		\$410,367	\$51,940	\$178,977	\$275,977	\$134,390

PAPILLION CREEK WATERSHED PARTNERSHIP



Watershed Fund Summary

Updated May 6, 2004

CONTRIBUTIONS

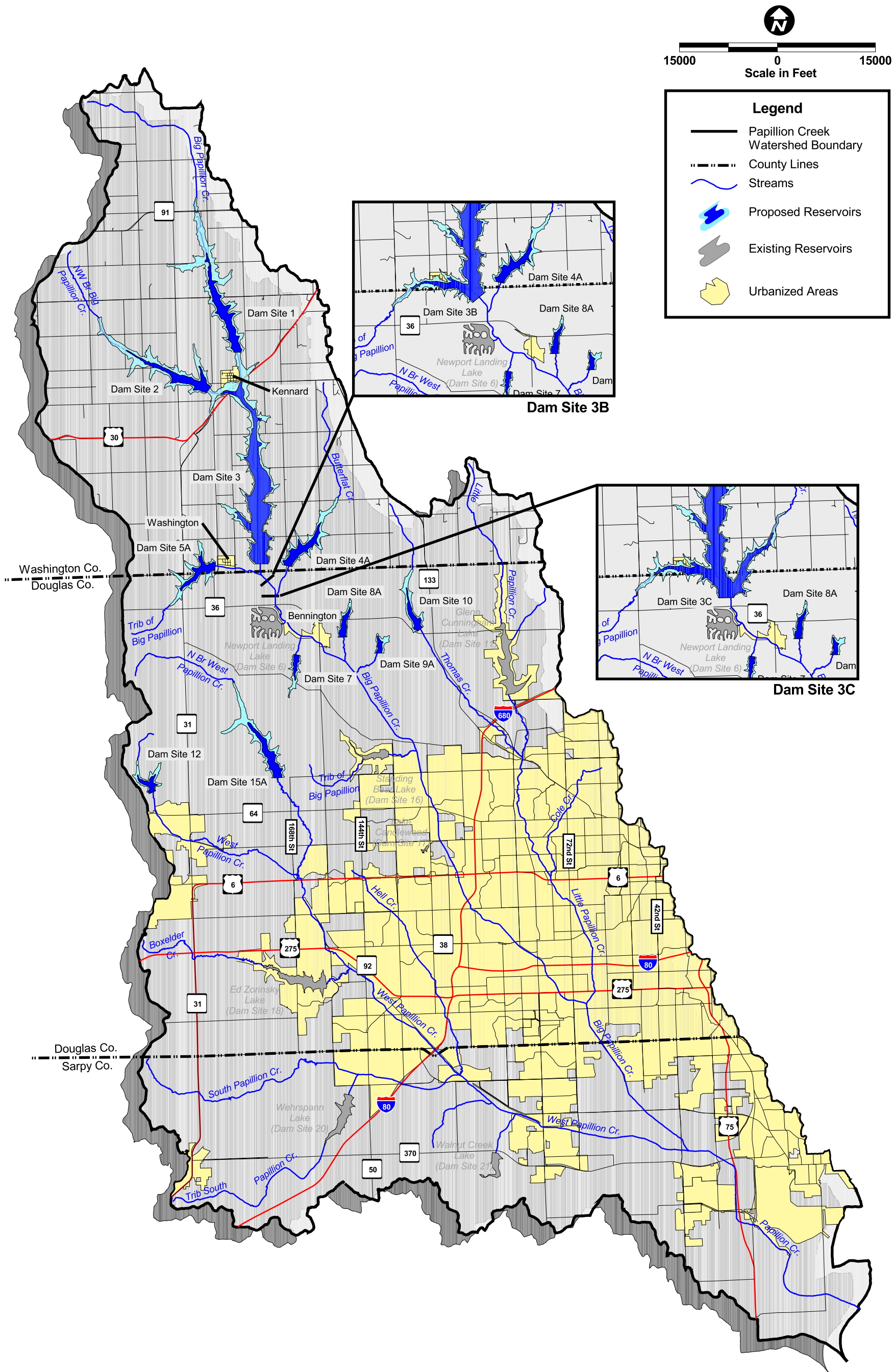
Entity	Annual Contribution Amount	Percent (%)	Contribution -To-Date	Remaining Amount Due Aug. 1, 2004
Bellevue	\$12,500.00	5.1%	\$37,500.00	\$0.00
Bennington	\$1,000.00	0.4%	\$3,000.00	\$0.00
Girls and Boys Town	\$1,000.00	0.4%	\$2,000.00	\$1,000.00
Elkhorn	\$2,500.00	1.0%	\$7,500.00	\$0.00
Gretna	\$1,000.00	0.4%	\$2,000.00	\$1,000.00
La Vista	\$3,750.00	1.5%	\$11,250.00	\$0.00
Omaha	\$100,000.00	40.9%	\$300,000.00	\$0.00
Papillion	\$5,000.00	2.0%	\$15,000.00	\$0.00
Ralston	\$2,500.00	1.0%	\$7,500.00	\$0.00
Douglas County	\$40,000.00	16.4%	\$80,000.00	\$40,000.00
Sarpy County	\$25,000.00	10.2%	\$50,000.00	\$25,000.00
Papio NRD	\$50,000.00	20.5%	\$150,000.00	\$0.00
TOTAL	\$244,250.00	100.0%	\$665,750.00	\$67,000.00

EXPENSES

Item	Expense-To-Date	Future Expenses
Omaha Reimbursement (HDR & CDM)	\$357,150.04	\$0.00
Misc (Partnership Letterhead, etc)	\$1,000.73	\$0.00
CDM	\$19,890.58	\$0.00
HDR Engineering, Inc. (Stage II)	\$47,407.69	\$87,592.31
HDR Engineering, Inc. (Needs Assessment)	\$16,484.31	\$18,515.69
TOTAL	\$441,933.35	\$106,108.00

BALANCE

	Balance-To-Date	Future Balance
Contributions	\$665,750.00	\$732,750.00
Expenses	\$441,933.35	\$548,041.35
Interest	\$6,085.50	\$7,500.00
TOTAL	\$229,902.15	\$192,208.65



Source: 2000 Census Tiger Data.

**Papillion Creek Watershed
General Dam Site Location Map**

Papillion Creek Watershed Multi-Reservoir Analysis
Papillion Creek Watershed Partnership

DATE
May 2004

FIGURE
1.2

DRAFT

Papillion Creek
Watershed
Partnership
www.papiopartnership.org

HDR