

# Memorandum



**To:** Planning Commission Members  
**CC:** City Council Members and applicable City Staff  
**From:** Marcus Baker, City Planner  
**Date:** 7/10/2009  
**Re:** Papillion Creek Watershed Partnership Interlocal Agreement

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## **Agenda Item 4C: Public Hearing regarding the Papillion Creek Watershed Partnership Interlocal Agreement**

### BACKGROUND

As a result of a regional effort to establish a plan for management of water quality and flood control in the Papillion Creek watershed, the City entered into an Interlocal Agreement in 2001 and renewed it in 2004. That renewal is about to expire. Since that time La Vista has continued to work with regional stakeholders through the Papillion Creek Watershed Partnership (PCWP) to refine the policies that were originally adopted and to develop a more comprehensive Watershed Management Plan and a specific three year Implementation Plan. As part of the renewal of the Interlocal Agreement that defines the PCWP and its mission, the member communities (Bellevue, Bennington, Boystown, Douglas County, Gretna, La Vista, Omaha, Papio-Missouri River NRD, Papillion, Ralston, and Sarpy County) are being asked to adopt the revised policies and plans.

#### a. Summary of Changes to the Policy

##### Police Group #1 – Water Quality Improvements (renamed from Pollution Control)

- Water Quality Low Impact Development (LID) is required for all new developments
- Control of the first half inch of stormwater runoff
- No net increase in peak discharge for the 2 year storm event
- Encourage establishment of buffer strips and riparian corridors along streams
- Mitigate impacted wetlands at a 3:1 ratio
- Water quality basins as identified in the Watershed Management Plan

##### Police Group #2 – Peak Flow Reduction

- Regional detention basins as identified in the Watershed Management Plan
- Maximum LID as identified in the Watershed Management Plan

- Peak discharge rates not to exceed 0.2 cfs/acre for the 2 year storm event and 0.5 cfs/acre for the 100 year storm event
- Significant redevelopment no net increase in 2, 10 and 100 year peak discharges

Policy Group #3 – Landscape Preservation, Restoration, and Conservation

- Natural features and stormwater management techniques to be placed in public right of way or easement
- 3:1 plus 50 foot creek setbacks along streams as identified in the Watershed Management Plan

Policy Group #4 – Erosion and Sediment Control and Other BMPs

- No significant changes

Policy Group #5 – Floodplain Management

- Limit filling in the floodway fringe to 25% of total floodplain area per development application. Remaining fringe area to be designated as a floodway overlay zone.

Policy Group #6 – Stormwater Management Financing

- Water Quality LID funded by development
- Water quality basins and regional flood control reservoirs to be funded 1/3 from development fees and 2/3 from NRD funds.
- Stormwater utility encouraged for on-going operation and maintaining city and county NPDES Best Management Practices

b. Changes to the Watershed Management Plan

The watershed map showing the long term plan for managing water has been modified to reflect the changes in the Policies, most notably that:

- Low Impact Development (LID) for water quality will be required for all new development and significant redevelopment across the watershed.
- In the jurisdictions of Douglas and Washington County, Maximum (enhanced) LID will be used for flood control.
- Up to 14 additional regional flood control reservoirs and 12 additional water quality basins may be evaluated for construction in the future.

c. Addition of a 3-year Implementation Management Plan

This watershed map shows the approximate locations of elements of the Watershed Management Plan that the Partnership recommends for design and construction between 2011 and 2013. Those elements have an estimated total cost of \$134M and are comprised of 4 water quality basins and 2 regional flood control reservoirs. The intent is that the Implementation Management Plan be reviewed and updated in 3-year increments and that the Interlocal Agreement be amended to reflect additional phases of work as they are needed.

## IMPLEMENTATION

In addition to the execution of the extension of the Interlocal Agreement, amendments Chapter 154 of the La Vista Municipal Code and Subdivision Regulations will be needed to add the requirement to maintain peak discharge rates during the 2-year storm event and to

implement the Watershed Management fee system described in the policies. There may be needs for additional implementation measures that have yet to be specifically identified.

The intent of the PCWP is to establish regionally common goals and development standard to address stormwater quality and quantify issue in a consistent, effective and efficient manner. The refinements contained in the proposed policies and plans are another incremental improvement in regional public health, safety and quality of life.

**Staff Recommendation Item 4C:** Recommend approval of renewing the Interlocal Agreement and the revised storm water management policies contained therein.