

**FISCAL YEAR 2009-2010 Work Plan
For the Interlocal Agreement on Stormwater Management**

- 1) NPDES Administration:** The City of Lincoln (City) and the Lower Platte South Natural Resources District (NRD) will continue to present responsibilities and explore enhancements to provide comprehensive, effective and consistent review, inspection, implementation and enforcement of National Pollutant Discharge Elimination System (NPDES) items, especially related to erosion and sediment control and water quality Best Management Practices (BMPs). The City and NRD will cooperate to initiate a public process for recommendations regarding water quality BMPs.
- 2) Inspection and Enforcement of Stormwater Storage Facilities:** The City and NRD will develop a process for sharing responsibility and a schedule for conducting inspection and enforcement of stormwater storage facilities on a regular rotation basis to ensure that facilities are built and functioning as designed and approved, and are being properly maintained.
- 3) Regional Storage Facilities:** The City and NRD will explore alternatives to develop a funding mechanism to build regional storage facilities where feasible with the cooperation of landowners and developers. Once a funding mechanism is developed and facilities are built the NRD will operate and maintain the facilities in cooperation with City.
- 4) Ordinance and Standards Updating:** The City and the NRD will examine the need to update the floodplain and stormwater standards and propose revisions as necessary. Such items may include updating the Drainage Criteria Manual, Lincoln Standard Plans, Lincoln Design Standards and standards for water quality Best Management Practices (BMPs).
- 5) Legislative Issues and Grant Writing:** The City and NRD will work with other agencies, communities, citizens and legislators to coordinate on state legislative and funding issues related to floodplain and stormwater.
- 6) Water Quality Monitoring:** The City will continue water quality monitoring and other stormwater related services deemed necessary by the City and NRD. It is planned to continue contracting with UNL for Dry Weather Storm Drainage Assessment, to continue with the ongoing basin comparative study with UNL and USGS for Wet Weather Monitoring per the City's proposed NPDES permit (ending date of August 31, 2012), and potentially initiate water quality sampling for Antelope Creek.
- The cost share from the NRD is \$35,000
 - The cost share from the City* is estimated to be at least \$80,000 with funding from the FY2009-10 operating budget and state grant funds.
- 7) Master Plan Implementation:** The City and the NRD will contribute toward improvement projects for Master Planned basins. These improvement projects are anticipated to include such projects as stream bed and bank stability measures, stormwater storage facilities, wetlands, floodplain preservation, engineering, easements and land acquisition as generally identified in and consistent with the goals in basin plans (e.g. watershed master plans) approved by the City

and NRD. The City and NRD will continue to develop a plan and schedule for design, right-of-way and implementation of projects. The lead agency will be coordinated on a project by project basis.

- The cost share from the NRD for Master Plan Implementation projects is \$930,000.
- The cost share from the City for Master Plan Implementation projects is approximately \$900,000.

Master Plan Implementation projects are anticipated to include the projects listed below and may include additional projects to be developed jointly by the City and NRD during the Work Plan period.

- ROW/Design/Study of Deadmans Run projects.
- Beal Slough Stream Stability, 27th to Southwood Drive.
- Southeast Upper Salt Creek (SEUSC) Stream Stability, Yankee Hill and 40th (west side).
- Riparian Restorations and Easements in SEUSC.
- 98th and Van Dorn Stream Stability in Stevens Creek.
- Cardwell Branch Stream Stability adjacent to Cardwell Woods Road.

8) Stevens Creek Supplemental Box and Stream Stability: The City and the NRD will design, acquire landrights, and construct the Stevens Creek Watershed supplemental box culvert project, near 81st & Fletcher Avenue along with a nearby stream stability project. The NRD will design and construct and the City will acquire the landrights. The City and NRD will cost share on design and construction of the stream stability project.

- The cost share from the NRD* is \$220,000 with \$140,000 for the supplemental box and \$80,000 for stream stability.
- The cost share from the City is \$230,000. The City's cost share was included in a previous work plan.

9) Watershed Master Planning: The City and the NRD will initiate basin plan efforts on the Antelope Creek Water Quality Basin Plan.

- The cost share from the NRD is \$265,200
- The cost share from the City is \$470,000 over a three year period from the 2007 bond with \$0 remaining within the timeframe of the 2009-10 work plan.

10) Floodplain/Floodprone Easements: The City and the NRD will consider purchase of easements or fee title on floodplain/floodprone areas and other structural and nonstructural measures for flood control. The lead agency will be coordinated on a project by project basis.

- The cost share from the NRD is \$160,000.
- The cost share from the City is \$265,000 over a three year period from the 2007 bond with estimated expenditures of \$160,000 within the timeframe of the 2009-10 work plan.

11) Flood Warning System: The NRD will cooperate with Lincoln and Lancaster County to operate and enhance the Salt Creek Flood Warning System.

- The cost share from the NRD* is \$25,000.
- The cost share from the City is \$25,000 with funding from the FY2009-10 operating budget.

12) Stormwater BMP Demonstration Projects: The City and the NRD will consider opportunities for demonstration projects of stormwater best management practices on a case-by-case basis. The lead agency will be coordinated on a project by project basis.

- The cost share from the NRD is \$132,700
- The cost share from the City is \$125,000 over a two year period from the 2007 bond with estimated expenditures of \$80,000 within the timeframe of the 2009-10 work plan.

13) Floodplain and Stormwater Education: The City and NRD will jointly work on public information and involvement programs to educate city staff, contractors, developers, engineers, and the public regarding floodplains and stormwater, especially related to erosion and sediment control.

- The cost share from the NRD is \$7,500
- The cost share from the City* is \$7,500 from the FY2009-10 operating budget.

14) Floodplain Mapping: The City and NRD will coordinate floodplain mapping mainly within the City of Lincoln's three mile extra territorial jurisdiction. This will included updated floodplain mapping scheduled for formal FEMA adoption in Spring 2010, the Antelope Creek LOMR, as well as working with FEMA on updated floodplain mapping with MapRISK for Little Salt Creek and other waterways.

15) Cost Summary: The total cost to the City and NRD according to this work plan in FY 2009-2010 is estimated to be \$3,257,900.

- The cost share from the NRD is estimated to be \$1,775,400.
- The cost share from the City within the timeframe of the 2009-10 work plan is estimated to be \$1,482,500 and a portion is subject to City Council approval of the proposed FY2009-10 Annual Operating Budget.

16) Summary Report: The City in September 2010 will prepare an annual report of activities, expenditures, and accomplishments to be reviewed by the NRD.

* Denotes lead agency

IN WITNESS WHEREOF, the District and the City have caused these presents to be executed by their duly authorized officials as of the date below indicated.

Executed by the City this _____ Day of _____ 2009.

CITY OF LINCOLN, NEBRASKA

City Clerk

Chris Beutler, Mayor

Executed by the NRD this 19 Day of June 2009.

LOWER PLATTE SOUTH NATURAL RESOURCES DISTRICT



Glenn Johnson, General Manager