11R-146

FISCAL YEAR 2011-2012Work 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 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 (e.g. A Clean Water Program).

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).
- The cost share from the NRD is $35,000
- The cost share from the City* is estimated to be $45,000 with funding from the FY2011-12 operating budget. Additional necessary funds will be from 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/Basin 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 $550,000.
- The cost share from the City for Master Plan Implementation projects is approximately $1,550,000 from the proposed November 2010 stormwater bond issue. Estimated expenditures for the 2011-2012 workplan period are $620,000.

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

- Antelope Creek Water Quality Project
- Deadmans Run Seacrest Park Berm (City Lead)
- Deadmans Run Trendwood Park Water Quality (City Lead)
- Little Salt Creek #1 Grade Control (NRD Lead)
- Little Salt Creek #12 Stilling Basin (County Lead)
- Stevens Creek CIP 8 (17) Stream Stability (NRD Lead)
- Upper Beal Slough Flood Reduction (NRD Lead)
- Deadmans Run ROW (NRD Lead)

8) Projects Not Identified in a Master Plan: The City and the NRD will contribute toward improvement projects in basins which Master Plans have not been studied or completed. These projects could include water quality and/or water quantity projects. The lead agency will be on a project by project basis.

- Continue working on the Upper Antelope Creek Flood Control Reduction Project (NRD Lead)
- Camp-A-Way Stream Stability (City Lead)
- Northstar High School Water Quality and Stream Stability (City Lead)
- Holms Lake Main Stem Water Quality (City Lead)

-The cost share from the NRD for non Master Plan Projects is $227,500
-The cost share from the City for non Master Plan Projects is $227,500

9) Watershed Master Planning: The City and the NRD will complete efforts on the Antelope Creek Watershed Basin Plan and initiate a master plan study for the interior watershed basins in Lincoln that drain directly to Salt Creek.
- The cost share from the NRD is $250,000
- The cost share from the City* is $400,000 from the November 2010 stormwater bond issue.

10) Floodplain/Floodprone Easements and Projects: 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 City and NRD will also work together to work with Lincoln Airport Authority and the Air/Army National Guard upon request on a potential project to reduce flooding to the Guard Base near the airport. 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 $320,000 from the November 2010 stormwater bond issue. Estimated expenditures for the 2011-2012 workplan period are $160,000.

11) Flood Warning System: The NRD will cooperate with Lincoln and Lancaster County to operate and enhance the Salt Creek Flood Warning System. Add a new gauge on Antelope Creek above Antelope Valley.
- The cost share from the NRD* is $35,000.
- The cost share from the City is $25,000 with funding from the FY2011-12 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 (e.g. Wyuka – City lead project). The lead agency will be coordinated on a project by project basis.
- The cost share from the NRD is $130,000
- The cost share from the City is $130,000 from the November 2010 stormwater bond issue. Estimated expenditures for the 2011-2012 workplan period are $130,000.

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 FY2011-12 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 for Upper Antelope Creek and Lower Beal Slough due to major flood control projects as well as working with Nebraska Department of Natural Resources on updated Lancaster County 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 2011-2012 is estimated to be $3,010,000.
- The cost share from the NRD is estimated to be $1,395,000 and is subject to NRD Board approval of the proposed NRD FY 2011-2012 Budget.
- The cost share from the City is estimated to be $1,615,000 and is subject to City Council approval of the proposed FY2011-2012 annual Operating Budget. Some of the cost share from the City is projected to come from 319 funds through the Nebraska Department of Environmental Quality.

16) Summary Report: The City in September 2012 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 _____ 2011

CITY OF LINCOLN, NEBRASKA

_____ _____

City Clerk Chris Buetler, Mayor

Executed by the NRD this 27 Day of May 2011

LOWER PLATTE SOUTH NATURAL RESOURCES DISTRICT

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Glenn Johnson, General Manager

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