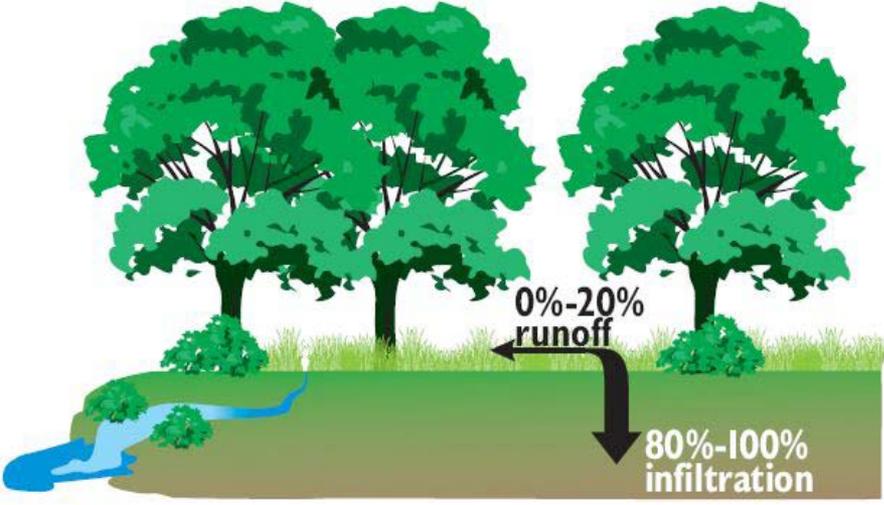


Post Construction Stormwater Recommendations



Spring Meeting
March 21, 2013









PUBLIC WORKS & UTILITIES

Legend

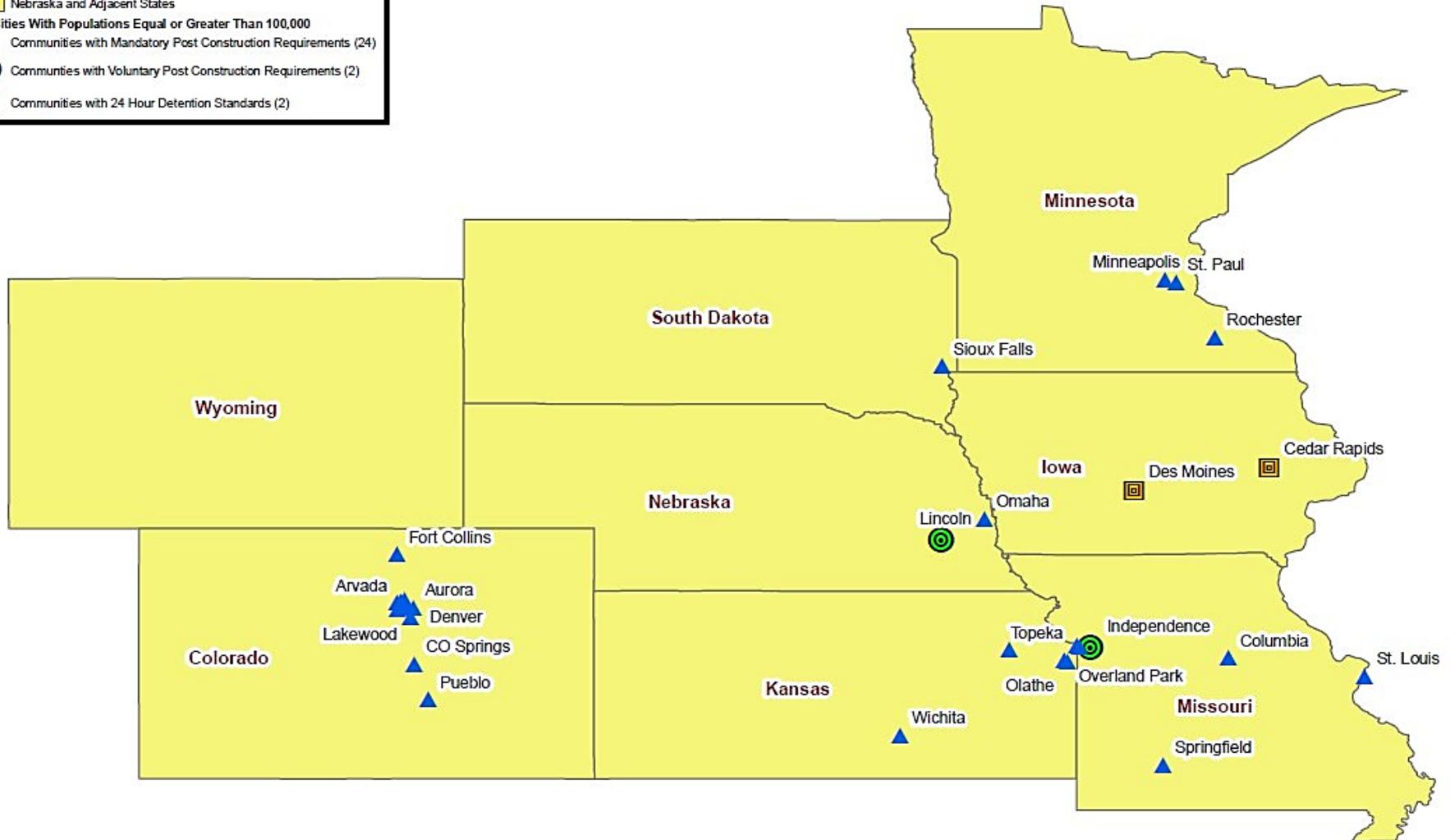
Nebraska and Adjacent States

US Cities With Populations Equal or Greater Than 100,000

▲ Communities with Mandatory Post Construction Requirements (24)

⊙ Communities with Voluntary Post Construction Requirements (2)

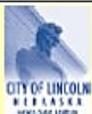
⊠ Communities with 24 Hour Detention Standards (2)



Printing Date: August 19, 2011
File: D:\Requested Maps\Rock\CityPopulation.mxd

Cities with NPDES Phase I Permits

Population Over 100,000 (2010 US Census)



Other Benefits

- ❖ reduce stream bank erosion
- ❖ reduce localized flooding
- ❖ increase base flows
- ❖ more biodiversity
- ❖ increase lot values



- ❖ sustainable practice
- ❖ healthy lifestyle
- ❖ less maintenance
- ❖ promote aquatic & riparian habitats

Task Force Goals

- ❖ Formulate recommendations for post-construction best management practices
- ❖ Recommendations should address the issues of increased runoff, erosion and pollutant loads

lincoln.ne.gov, keyword 'clean water program'

Task Force Recommendations

- 1. Manage all rain events 1.25 inches or less for new developments using Best Management Practices
- 2. Manage all rain events 0.83 inches or less for redevelopments using Best Management Practices
- 3. New standards applicable to all development/redevelopments greater than one acre

Task Force Recommendations

- 4. Exempt single family dwellings that are not part of a new subdivision
- 5. Allow for waivers (see Recommendation #10)
- 6. Effective ordinance would be one year after adoption
- 7. Owners to inspect Best Management Practices annually

Task Force Recommendations

- 8. Owners to be responsible for maintenance of Best Management Practices
- 9. City to replace Best Management Practices if properly established, inspected and maintained
- 10. Allow for off site mitigation and a credit system

NDEQ/EPA Stormwater Requirements

- ❖ Develop and implement strategies for best management practices
- ❖ **Have an enforceable ordinance requiring the implementation of post-construction standards**
- ❖ Ensure long term operation and maintenance of best management practices
- ❖ Determine best management practices and goals for the post-construction program

Next Steps

- Ordinances, Drainage Criteria Manual and Design Standards are being drafted and reviewed internally
- Above items will be on Watershed's web site by mid May
- Proceed with public process, including meeting again with Mayor's Clean Water Task Force (May 28, 2013 and June, 11 2013)
- Take to City Council for approval