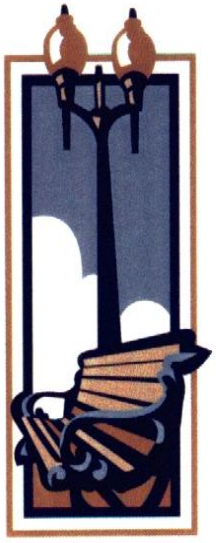
CITY OF EL DORADO, KS

STORM WATER MANAGEMENT PLAN



EL DORADO

THE FINE ART OF LIVING WELL

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PART I

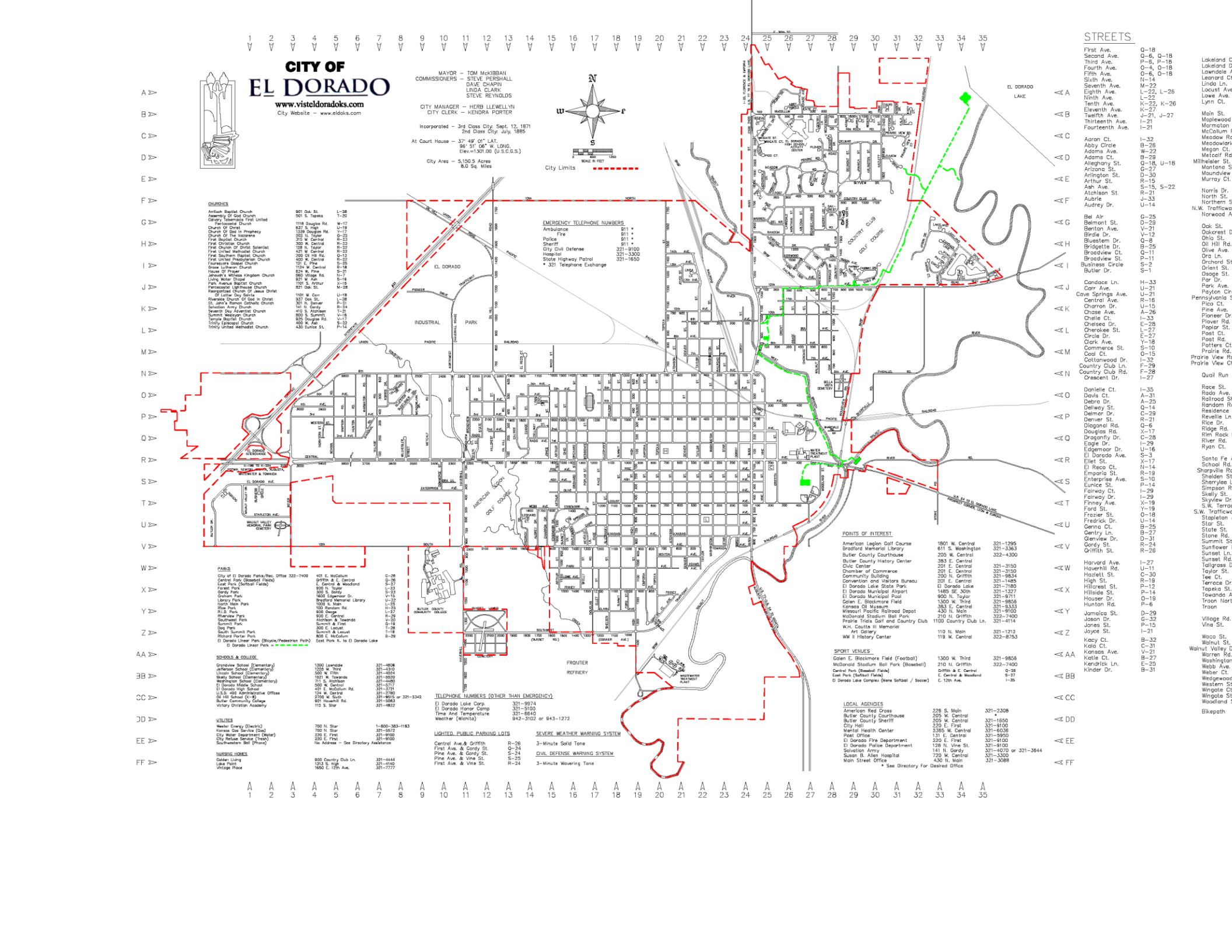
CITY OF EL DORADO BACKGROUND

Information on the Permitted:

Name of the Permitted:	City of El Dorado, KS
Total Area:	8.0 sq. miles
Mailing Address:	220 E. 1st El Dorado, KS 67042
Primary Contact: Phone Number:	Scott Rickard 316-321-9100
Secondary Contact: Phone Number:	Brad Meyer 316-321-9100
Population:	12,718

Information on the Municipal Separate Storm Sewer System:

MS4 System Location:	El Dorado, KS
Name of Organization:	El Dorado, KS
County Permitted Resides:	Butler County
Drainage Basin:	Walnut River


CITY OF
EL DORADO
www.visteldoradoks.com
City Website – www.eldoks.com
MAYOR – TOM McKIBBAN
COMMISSIONERS – STEVE PERSHALL
DAVE CHAPIN
LINDA CLARK
STEVE REYNOLDS
CITY MANAGER – HERB LLEWELLYN
CITY CLERK – KENDRA PORTER
Incorporated – 3rd Class City: Sept. 12, 1871
2nd Class City: July, 1885
At Court House – 37° 49' 01" LAT.
96° 51' 06" W. LONG.
Elev.=1,301.00 (U.S.C.G.S.)
City Area – 5,150.5 Acres
8.0 Sq. Miles
City Limits
CHURCHES
EMERGENCY TELEPHONE NUMBERS
Ambulance 911 *
Fire 911 *
Police 911 *
Sheriff 911 *
City Civil Defense 321-9100
Hospital 321-3300
State Highway Patrol 321-1650
* 321 Telephone Exchange
PARKS
SCHOOLS & COLLEGE
UTILITIES
NURSING HOMES
TELEPHONE NUMBERS (OTHER THAN EMERGENCY)
El Dorado Lake Corp. 321-9974
El Dorado Manor Camp 321-5100
Time And Temperature 321-8640
Weather (Wichita) 942-3102 or 943-1272
LIGHTED, PUBLIC PARKING LOTS
Central Ave.& Griffith R-26
First Ave. & Gordy St. Q-24
Pine Ave. & Gordy St. S-24
Pine Ave. & Vine St. S-25
First Ave. & Vine St. R-24
SEVERE WEATHER WARNING SYSTEM
3-Minute Solid Tone
CIVIL DEFENSE WARNING SYSTEM
3-Minute Wavering Tone
POINTS OF INTEREST
SPORT VENUES
LOCAL AGENCIES
STREETS
EL DORADO LAKE
INDUSTRIAL PARK
FRONTIER REFINERY
WASTEWATER TREATMENT PLANT
BELLA VISTA CEMETERY
WALNUT VALLEY MEMORIAL PARK CEMETERY
BUTLER COUNTY COMMUNITY COLLEGE
AMERICAN LEGION GOLF COURSE
COUNTRY CLUB GOLF COURSE

PART II

MINIMUM CONTROL MEASURES

1. Public Education and Outreach

1.1 Regulatory Requirement

Implement a public education program to distribute educational materials to the community of contact, equivalent outreach activities about the impacts of storm water discharges on water bodies and the steps the public can take to reduce pollutants in storm water runoff.

1.2 Target audiences

During the development of the proposed education program, El Dorado identified the sources of storm water pollutants that needed to be reduced to improve overall water quality. The target audiences were selected because changing their behavior would have a significant storm water quality impact on the target pollutants. The target audiences for the public education program are:

1. Citizens (Homeowners)
2. Developers and Home Builders
3. Business Owners
4. Children
5. Elected Officials
6. City Staff

1.3 Current Programs

The City of El Dorado provides public education to residents through participation at our Walnut Valley River Festival. News releases through our local paper, and information broadcast on the City's T.V. Station. Information is also provided by a mailer included in our Annual (Drinking) Water Quality. The City has continued our storm drain marking program. The City has multiple handouts available for contractors & homeowners regarding BMP's.

1.4 Selected BMP's for Public Education and Outreach

- Create a stand alone Storm Water Quality information page on the City web site.
- Post informational materials at City Hall.
- Issue press releases at least twice/year.
- Public Access Television (Channel 7).
- Marking Storm Drains.
- School Presentations.

2. Public Involvement in Storm Water Management Program Development

2.1 Regulatory Requirement

At a minimum, comply with state, tribal, and local public notice requirements when implementing a public involvement/participation program. *EPA recommends that the public be included in developing, implementing, and reviewing your storm water management program and that the public participation process should make efforts to reach out and engage all economic and ethnic groups.*

2.2 Current Programs

Currently, the City of El Dorado invites public participation and input through the city web site, regular planning and zoning hearings and regular city council meetings. All standard state and local public notice requirements are followed for the meetings. The City has established a Storm Water advisory council that was instrumental in the creation of our Storm Water Utility. The City has facilitated many local river cleanup days with various organizations.

2.3 Selected BMP's for Public Involvement

- Have at least one City Council meeting where public input on storm water issues is an agenda item each year.
- Have at least two Planning and Zoning hearings where storm water issues are discussed each year.
- To expand the Citizen Input on the web page to include storm water quality related issues and advertise additional methods of citizen input.
- Discuss storm water issues at Mayor's roundtable meetings annually.
- Work with community groups to perform storm water quality related activities.
- Reach out to community groups about activities annually.

3. Illicit Discharge Detection and Elimination

3.1 Regulatory Requirement

Develop, implement, and enforce a program to detect and eliminate illicit discharges into your small MS4. Develop a storm sewer system map, showing the location of all outfalls and the names and locations of all water of the U.S. that receive discharges from those outfalls. To the extent allowable under state, tribal or local law, effectively prohibit, through ordinance, or other regulatory mechanism, non-storm water discharges into your storm sewer system and implement appropriate enforcement procedures and actions. Develop and implement a plan to detect and address non-storm water discharges including illegal dumping to your system. Inform public employees, businesses, and the general public of hazards associated with illegal discharges and improper disposal of waste.

3.2 Current Programs

The City of El Dorado currently has a storm water pollution prevention ordinance that meets the regulatory requirements. The City has a majority of our storm sewer system mapped. The City hired a code enforcement officer to regulate that the conditions of the ordinance are being met.

3.3 Selected BMP's for Illicit Discharge Detection and Elimination

- The City must complete the storm sewer system map.
- The City of El Dorado has developed an ordinance to effectively prohibit non storm water runoff.
- Public Education on Illegal Discharges and Improper Disposal.
- The City will investigate cross-connection of the sanitary sewer system through smoke testing and CCTV inspection of the sanitary sewer and storm systems.
- Storm drain marking program.

4. Construction Site Storm Water Controls

4.1 Regulatory Requirement

Develop, implement and enforce a program to reduce pollutants in any storm water runoff to your small MS4 from construction activities that result in a land disturbance of greater than or equal to one acre. Program must include: the development and implementation of (at a minimum) an ordinance or other regulatory mechanism to require erosion and sediment controls, as well as sanctions to ensure compliance, requirements for construction site operators to implement appropriate erosion and sediment control BMP's, requirements for construction site operators to control waste at the construction site, procedures for site plan review which incorporate consideration of potential water quality impacts, procedures for receipt and consideration of information submitted by the public.

4.2 Current Programs

The City of El Dorado performs plan review, regular inspections of construction sites and holds stop work order power throughout the storm water pollution prevention ordinance. The City hands out information to contractors regarding storm water pollution prevention. Owners are required to submit SWPPP's. The City has created moveable signs for construction sites stating that it is unlawful to allow sediment on to the public roads. All public infrastructure projects meet the regulatory requirement. The City has made available sample plans for the construction runoff BMP's

4.3 Selected BMP's for Construction Site Storm Water Controls

- Implement changes to our subdivision regulations to better deal with construction site runoff. Developing ordinances to improve concerns.
- Receive input from local contractors and hold training courses.
- Review our current site plan requirements.

5. Post Construction Storm Water Management for New Development/Redevelopment

5.1 Regulatory Requirement

Develop, implement and enforce a program to address storm water runoff from new development and redevelopment projects that disturb greater than or equal to one acre,

including projects that are less than one acre that are part of a larger common plan of development or sale, that discharge into your small MS4. Develop and implement strategies which include a combination of structural and/or non-structural BMP's appropriate for your community. Use an ordinance or other regulatory mechanism to address post-construction runoff. Ensure adequate long-term operation and Maintenance of BMP's.

5.2 Current Programs

Currently, the City of El Dorado has minimal requirements as part of our sub-division requirements. The City's storm water pollution prevention ordinance does address post construction activities. The City promotes post construction management by decreasing the properties storm water utility fees. Information is made available to home owners and contractors.

5.3 Selected BMP's for Post Construction Storm Water Management for New Development/Redevelopment

- The City will implement stream buffer requirements.
- The City will review and update our comprehensive plan and subdivision regulations to meet post construction requirements.
- Conduct site inspections.

6. Pollution Prevention/Good Housekeeping for Municipal Operations

6.1 Regulatory Requirement

Develop and implement an operation and maintenance program that includes a training component and has the ultimate goal of preventing or reducing pollutant runoff from municipal operations**.**

6.2 Current Programs

Currently, the City of El Dorado performs nearly all fleet maintenance including washing and minor service/repair under cover. The City keeps road salt stored under cover. We pick up debris and trash from the right of ways. We have implemented and follow a plan for street sweeping. Clean storm water inlets when required. All construction projects must meet minimum BMP's. The City operates CCTV equipment to detect illicit discharge. The City has created a storm water utility to fund the needs of the regulatory requirements. The City has invested in projects to reduce sedimentation of El Dorado Lake.

6.3 Selected BMP's for Municipal Operations

- The City of El Dorado would like to maximize its pollution prevention related to its current activities. Become an example citizens can follow.
- Implement projects Citywide to reduce erosion.
- Follow storm water management plan.
- Procedures and plans for cleaning catch basins.
- Develop training for all City Employees.

7. General Rationale

7.1 Decision Process

El Dorado reviewed the General Permit requirements and selected each of the BMP's after reviewing our first submittal and research from notable sources. Programs from other communities were also examined. Various BMP's were selected based on the evidence that they will have a positive impact on reducing pollutants. City staff also examined each BMP for how it could fit into existing activities and mechanisms. The SWMP will be made available for public inspection and comment.

7.2 Responsible Person

The person responsible for the overall management and implementation of the permittee's storm water management program is the City Engineer. Others will be involved in the execution of each of the individual activities in the program.

7.3 Evaluation

The City of El Dorado will report annually on the level of achievement toward all selected BMP's.