Lillie Addition
STORMWATER POLLUTION PREVENTION PLAN

Project Name and Location:	Lilliie Addition Maple & Maize Road Wichita, Sedgwick County, Kansas
Owner Name and Address:	Matt Lillie 7200 W. 13th Street North, Suite 5 Wichita, KS. 67212

DESCRIPTION: (Purpose and Types of Soil Disturbing Activities)

This is a Medical Facility with 201-space parking lot and incidental storm water sewer system.

Soil disturbing activities will include: clearing and grubbing; installing a stabilized construction entrance, perimeter, and other erosion and sediment controls; grading; excavation for the infiltration swale, storm sewer, utilities, and building foundations; construction of curb and gutter and road; preparation for final planting and seeding.

RUNOFF COEFFICIENT: The final coefficient of runoff for the site will be c = 0.59

SITE AREA: The overall development (Northridge Plaza) is approximately 55 acres of undeveloped land. The site involved with this project and the related infiltration swale is approximately 6 acres of which 6 acres will be disturbed by construction activities.

SEQUENCE OF MAJOR ACTIVITIES

1. Clear and grub for site grading.
2. Strip existing topsoil and stockpile.
3. Continue mass grading site.
4. Spread topsoil over finish grade.
5. Construct sanitary sewer, storm sewer, water lines, structure, and street/ parking lot pavement.
6. Complete grading and install temporary and permanent structural and non-structural BMPs.
7. Install gas, telephone, electric, and other utilities.
8. Maintenance BMPs.
9. Install permanent seeding/sod and plantings.
10. When all construction activity is completed and the site is stabilized, remove all temporary structural BMPs.

NAME OF RECEIVING WATERS: This site will drain through existing MS4 into the Cowskin Creek, then into the Arkansas River.(See USGS quadrangle sheet for details)

CONTROLS

Erosion and Sediment Controls

Stabilization Practices

In order to control erosion due to wind and water and to minimize sedimentation run-off during construction activities, the Contractor should implement a number of stabilization or mitigation techniques. Some of these techniques are as follows:

Temporary Stabilization. Top soil stock piles and disturbed portions of the site where construction activity is anticipated to cease for at least 21 days should be stabilized with temporary seed no later than 14 days from the last construction activity in that area. In some locations, mulch may be required to stabilize the seeding. The temporary seed shall be Rye (grain) applied at the rate of 120 pounds per acre. Prior to seeding, 350 pounds of 10-10-10 fertilizer shall be applied to each acre to be stabilized. After seeding, each acre shall be mulched with 4,000 pounds per acre of straw. When required, the straw mulch is to be tacked into place by a disk with blades set nearly straight or by other approved methods. Areas of the site which are to be paved are recommended to be temporarily stabilized by applying geotextile and stone sub-base or other approved methods until bituminous pavement can be applied.