

DRAFT iSWM Plan Questionnaire

(Information requested during voluntary use of Dallas iSWM Drainage Criteria)

This questionnaire is voluntary and may be submitted with the engineering, paving, and drainage plans for projects using the iSWM drainage criteria. All information requested on this questionnaire maybe submitted in the form of maps, drawings, sketches, or reports. The purpose of this questionnaire is to gain information on the iSWM practice .

1. Project Description

A. Applicant Information

Name: _____

Legal Address: _____

Telephone Number : _____

Email: _____

B. Preparer Information

Name: _____

Legal Address: _____

Telephone Number : _____

Email: _____

C. Common Address and Legal Description of Site

D. Vicinity Map (provide as an attachment)

E. Zoning of Site (Single Family, Multi-Family, Mixed-Use, Restaurant, Industrial, etc.)

2. Existing Conditions

A. Copy of applicable digital orthophoto showing project boundaries (provide as an attachment)

B. Best available existing topography (provide as an attachment)

C. Total Site Area (acres): _____

D. Total Existing Impervious Area (acres): _____

E. Identify any natural (perennial and intermittent) streams (provide as an attachment)

Items that are already required by the City of Dallas

DRAFT iSWM Plan Questionnaire (cont'd)

F. Predominant surface soils from USDA soil surveys or on site soil borings:

G. Boundaries of existing predominant vegetation (provide as an attachment)

H. Location and approximate boundaries of on-site natural features, such as wetlands, lakes, ponds, streams, etc, or conservation areas (provide as an attachment).

I. Location of existing roads, buildings, parking lots and other impervious areas (provide as an attachment)

J. Location of existing utilities (e.g., water, sewer, gas, electric) and easements (provide as an attachment)

K. Location of existing conveyance systems such as storm drains, inlets, catch basins, channels, swales, and areas of overland flow (provide as an attachment)

L. Flow paths (provide as an attachment)

M. Location of floodplain/floodway limits and relationship of site to upstream/downstream properties and drainages (provide as an attachment)

N. Location and dimensions of existing channels, bridges or culvert crossings (provide as an attachment)

3. Conceptual Site Layout

A. Hydrologic analysis to determine conceptual runoff rates, volumes and velocities for existing conditions and proposed developed conditions (cfs) (provide as an attachment)

B. Amount of off-site runoff draining onto or through the site (cfs): _____

C. Identification of the adequacy of the existing downstream storm drainage systems:

D. Identify any *integrated* site design practices and any best management practices that may have been used or why the practices were not used

Items that are already required by the City of Dallas

DRAFT iSWM Plan Questionnaire (cont'd)

E. Total proposed Impervious area (acres) and % increase for the site:

F. Calculation of iSWM integrated site design point system score

G. Did the site obtain a score that would have allowed for development incentives?

H. What iSWM incentives could have been used on this site to provide value to the developer?

I. If integrated site design practices were not used, was the on-site treatment of the 1.5" of rainfall provided, or could it have been provided for this site?

J. Identify other available regional programs that may have helped this development.

K. Quantify the cost or savings of using iSWM practices for this development

L. Provide any other comments or specific issues associated with the development of this site, including comments about the point system

Items that are already required by the City of Dallas



Items that are already required by the City of Dallas