EXAM #3 SWMM INPUT FILE (.inp)

[TITLE]

[OPTIONS]

FLOW\_UNITS MGD

INFILTRATION HORTON

FLOW\_ROUTING DYNWAVE

START\_DATE 04/08/2010

START\_TIME 00:00:00

REPORT\_START\_DATE 04/08/2010

REPORT\_START\_TIME 00:00:00

END\_DATE 04/09/2010

END\_TIME 00:00:00

SWEEP\_START 01/01

SWEEP\_END 12/31

DRY\_DAYS 0

REPORT\_STEP 00:15:00

WET\_STEP 00:15:00

DRY\_STEP 01:00:00

ROUTING\_STEP 0.5

ALLOW\_PONDING NO

INERTIAL\_DAMPING NONE

VARIABLE\_STEP 0.75

LENGTHENING\_STEP 0

MIN\_SURFAREA 0

NORMAL\_FLOW\_LIMITED FROUDE

SKIP\_STEADY\_STATE NO

FORCE\_MAIN\_EQUATION H-W

LINK\_OFFSETS DEPTH

MIN\_SLOPE 0

[EVAPORATION]

;;Type Parameters

;;---------- ----------

CONSTANT 0.0

[JUNCTIONS]

;; Invert Max. Init. Surcharge Ponded

;;Name Elev. Depth Depth Depth Area

;;-------------- ---------- ---------- ---------- ---------- ----------

1 0.075 0 5.92 0 0

2 0.15 0 5.85 0 0

3 .225 0 5.77 0 0

4 .3 0 5.70 0 0

5 .375 0 5.62 0 0

6 .45 0 5.55 0 0

[OUTFALLS]

;; Invert Outfall Stage/Table Tide

;;Name Elev. Type Time Series Gate

;;-------------- ---------- ---------- ---------------- ----

7 0 FIXED 6 NO

[CONDUITS]

;; Inlet Outlet Manning Inlet Outlet Init. Max.

;;Name Node Node Length N Offset Offset Flow Flow

;;-------------- ---------------- ------ ---------- ---------- ---------- ---------- ---------- ----------

1 6 5 15 0.01 0 0 0 0

2 5 4 15 0.01 0 0 0 0

3 4 3 15 0.01 0 0 0 0

4 3 2 15 0.01 0 0 0 0

5 2 1 15 0.01 0 0 0 0

6 1 7 15 0.01 0 0 0 0

[XSECTIONS]

;;Link Shape Geom1 Geom2 Geom3 Geom4 Barrels

;;-------------- ------------ ---------------- ---------- ---------- ---------- ----------

1 RECT\_CLOSED 10 14 0 0 1

2 RECT\_CLOSED 10 14 0 0 1

3 RECT\_CLOSED 10 14 0 0 1

4 RECT\_CLOSED 10 14 0 0 1

5 RECT\_CLOSED 10 14 0 0 1

6 RECT\_CLOSED 14 10 0 0 1

[LOSSES]

;;Link Inlet Outlet Average Flap Gate

;;-------------- ---------- ---------- ---------- ----------

[INFLOWS]

;; Param Units Scale Baseline Baseline

;;Node Parameter Time Series Type Factor Factor Value Pattern

;;-------------- ---------------- ---------------- -------- -------- -------- -------- --------

6 FLOW "" FLOW 1.0 1.0 35.0

[REPORT]

INPUT NO

CONTROLS NO

SUBCATCHMENTS ALL

NODES ALL

LINKS ALL

[TAGS]

[MAP]

DIMENSIONS 0.000 0.000 10000.000 10000.000

Units None

[COORDINATES]

;;Node X-Coord Y-Coord

;;-------------- ------------------ ------------------

1 -584.757 8436.268

2 466.491 8423.127

3 1741.130 8396.846

4 2897.503 8383.706

5 3843.627 8357.424

6 4618.922 8291.721

7 -1517.740 8423.127

[VERTICES]

;;Link X-Coord Y-Coord

;;-------------- ------------------ ------------------