



CHECK DAM

CHECK DAM SPACING
TABLE 1

FACILITY LENGTH	LONGITUDINAL SLOPE	# CHECK DAMS (1)	ADDITIONAL INLETS (2)
30	<=1%	0	0
	>1%	1	0
31 - 50	<=1%	1	0
	>1%	2	1
51 - 70	<=1%	2	1
	>1%	3	2
71 - 90	<=1%	3	2
	>1%	4	3
91 +	<=1%	4	3
	>1%	5	4

GENERAL NOTES:

1. **SPACING:**
-CHECK DAMS TO BE EVENLY SPACED BETWEEN INLET AND OUTLET. ADDITIONAL REQUIREMENTS MAY BE NECESSARY ON STEEP SLOPES.
-PLACE ONE CHECK DAM EVERY 10' WHERE SLOPE EXCEEDS 5%.
2. **ADDITIONAL INLETS** TO BE PLACED DIRECTLY DOWNSTREAM OF CHECK DAMS.
3. **TOP OF CHECK DAM** TO BE 1" BELOW GUTTER ELEVATION AT INLET (AT CURB LINE) BUT NOT GREATER THAN 2" BELOW TOP OF CURB.
4. **DIMENSIONS:**
-WIDTH: 12"
-EXTEND CHECK DAMS Laterally across full width of the facility, perpendicular to the flow path.
-3" TO 6" IN HEIGHT

Check Dam Details

DRAWING NUMBER: ST-6100

DRAWN BY: SR

SCALE: N.T.S.

FILE NAME: ST-6100.DWG

APPROVED BY: PN

DATE: 4/1/19

CITY OF
WILSONVILLE



PUBLIC WORKS STANDARDS