



JUNE 4, 2019 TOWN HALL MEETING

HAWK RIDGE ON THE GREEN
STORMWATER DETENTION BASIN

STORM WATER DETENTION BASIN PURPOSE

THE CONSTRUCTION OF HARD SURFACES SUCH AS ROOF TOPS, DRIVEWAYS AND STREETS CAUSES MORE RUNOFF THAN DOES LAND LEFT IN IT'S NATURAL STATE.

HARD SURFACES RESULT IN INCREASED WATER RUNOFF VELOCITY AND VOLUME.

DETENTION BASINS SLOW DOWN WATER VELOCITY AND VOLUME BY HOLDING WATER FOR A PERIOD OF TIME, METERING IT OUT SLOWING IN AN ATTEMPT TO RESTORE THE RUNOFF TO PRE-DEVELOPMENT RATES.

THE BENEFITS OF DETENTION BASINS ARE REDUCED FLOODING DOWNSTREAM, REDUCED BANK EROSION IN STREAMS AND CREEKS, AND A REDUCTION IN SEDIMENT IN RUNOFF WATER.



THE CITY REGULATES STORM WATER DETENTION BASINS

CITY ORDINANCE REQUIRES DETENTION BASIN OWNERS TO PROVIDE A “REASONABLE DEGREE OF MAINTENANCE”.

MAINTENANCE OF ALL STORM WATER DETENTION FACILITIES MUST MEET OR EXCEED THE CRITERIA ESTABLISHED IN THE CENTER FOR WATERSHED PROTECTION MANUAL.

CITY STAFF INSPECTS ALL DETENTION BASINS IN THE CITY ONCE EVERY THREE YEARS TO MAKE SURE THEY ARE REASONABLY MAINTAINED.



