

**NOTICE TO ENGINEER REGARDING  
WATER QUALITY VOLUME AND MS4 PERMIT TRACKING REQUIREMENTS**

1. THE TOWN'S MS4 PERMIT ISSUED BY CT DEEP REQUIRES THE TOWN TO TRACK ALL CHANGES IN TOTAL IMPERVIOUS AREA AND DIRECTLY CONNECTED IMPERVIOUS AREA (DCIA) WITH THE GOAL OF REDUCING 2% OF THE TOTAL DCIA IN TOWN BY THE END OF THE PERMIT TERM IN 2022 AND THEN REDUCING DCIA 1% EACH YEAR THEREAFTER.
2. DCIA IS DEFINED AS IMPERVIOUS AREA FROM WHICH STORMWATER RUNOFF DISCHARGES DIRECTLY TO WATERS OF THE STATE OR DIRECTLY TO A STORM SEWER SYSTEM THAT DISCHARGES TO WATERS OF THE STATE.
3. IMPERVIOUS AREAS THAT DISCHARGE THROUGH A SYSTEM DESIGNED TO RETAIN THE APPROPRIATE PORTION OF THE WATER QUALITY VOLUME (WQV) ARE NOT CONSIDERED DCIA. THE "APPROPRIATE" PORTION OF WQV TO BE RETAINED IS:

FOR REDEVELOPMENT OF SITES THAT ARE CURRENTLY DEVELOPED WITH DCIA OF 40% OR MORE, ONE-HALF OF THE WQV FROM THE SITE MUST BE RETAINED.

FOR NEW DEVELOPMENT AND REDEVELOPMENT OF SITES WITH LESS THAN 40% DCIA, THE ENTIRE WQV FROM THE SITE MUST BE RETAINED.

**DETAILED CALCULATIONS FOR THE WQV AND STORAGE CAPACITY OF THE ASSOCIATED RETENTION SYSTEM MUST BE PROVIDED WITH THE APPLICATION MATERIALS FOR REVIEW. ONLY STORAGE BELOW THE LOW-FLOW ORIFICE OF THE OUTLET STRUCTURE CAN BE CONSIDERED RETAINED FOR COMPUTATION OF THE WQV. SLOW RELEASE OF THE WQV OVER A 24-48 HOUR PERIOD VIA INFILTRATION OR A WEEP HOLE WILL ALSO BE CONSIDERED AS RETAINED FOR THE PURPOSES OF THE COMPUTATIONS.**

4. THE TOWN REQUIRES DEVELOPMENT AND REDEVELOPMENT PROJECTS TO REDUCE TOTAL IMPERVIOUS COVER AND DCIA AT THE SITE TO MAXIMUM EXTENT PRACTICABLE THROUGH THE USE OF LOW IMPACT DEVELOPMENT (LID) PRACTICES OR OTHER MEASURES.
5. **THE BELOW TABLE MUST BE FILLED IN AND INCLUDED ON THE SITE PLAN IN THE PLAN SET SUBMITTED WITH THE APPLICATION. SEPARATE PLANS (TO SCALE) SHOWING THE LIMITS OF TOTAL PRE- AND POST-DEVELOPMENT IMPERVIOUS AREA AND DCIA AT THE SITE MUST BE SUBMITTED WITH THE APPLICATION MATERIALS TO SUBSTANTIATE THE VALUES PROVIDED IN THE TABLE.**
6. CONTACT THE ENGINEERING DIVISION AT 860-652-7735 WITH ANY QUESTIONS REGARDING THESE REQUIREMENTS.

TOWN OF GLASTONBURY MS4 PERMIT INFORMATION	IMPERVIOUS AREA	DIRECTLY CONNECTED IMPERVIOUS AREA
PRE-DEVELOPMENT	0.000 Ac	0.000 Ac
POST-DEVELOPMENT	0.000 Ac	0.000 Ac
NET CHANGE (+ OR -)	0.000 Ac	0.000 Ac