

## **Stormwater Assessment Report**

### **Building Name: EBOM Dummy Project**

The EBOM Dummy Project consists of a 30,000 square foot office building, situated on 2 acres in Peoria County, Illinois.

The LEED-EB project team has performed stormwater management calculations to show that the site infiltrates, collects and reuses runoff or evapotranspirates runoff from at least 15% of the precipitation falling on the whole project site both for an average weather year and for the two-year, 24-hour design storm (\*3.02 in/hr) of Peoria County.

The site contains large vegetated areas that allow infiltration of much of the stormwater that falls onsite. The entire site is graded to be level. These calculations show that 56.07% of stormwater is mitigated.

Below is a breakdown of the entries in the template calculator, showing how the building and site were factored into stormwater calculations.

<b>Surface Type</b>	<b>Area (SF)</b>	<b>Template Classification</b>
Roof	10,000	Roof, Conventional
Parking and Drives (Concrete)	24,192	Pavement, Concrete
Walkway (Concrete)	1,000	Pavement, Concrete
Vegetated Areas	51,928	Vegetation, Flat

\*This rainfall value is taken from page 16 of the attached "Erosion, Sedimentation and Stormwater Control Ordinance of Peoria County, Illinois" (EBOM\_SSc6\_PeoriaOrdinance.pdf).