



Template for Narrative Discussion of LID Feasibility or Infeasibility

For each potential Special Project, provide a narrative discussion of the feasibility or infeasibility of 100% LID treatment, onsite and offsite, using the template provided below. Insert information specific to the project where indicated with brackets and yellow shading **[[= insert information here =]]**. Delete this text box before completing your narrative discussion.

[[= Insert Project Name =]] **Narrative Discussion of Low Impact Development Feasibility/Infeasibility**

This report provides a narrative discussion of the feasibility or infeasibility of providing 100 percent low impact development (LID) treatment for **[[= Insert Project Name =]]**, which has been identified as a potential Special Project, based on Special Project criteria provided in Provision C.3.e.ii of the Municipal Regional Stormwater Permit (MRP). This report is prepared in accordance with the requirement in MRP Provision C.3.e.vi.(2), to include in Special Projects reporting a narrative discussion of the feasibility or infeasibility of 100 percent LID treatment onsite or offsite.

1. Feasibility/Infeasibility of Onsite LID Treatment

The project site was reviewed with regard to the feasibility and infeasibility of onsite LID treatment. The results of this review showed that it was **[[= feasible/infeasible =]]** to treat **[[= ___ percent [fill in percentage] =]]** of the C.3.d amount of runoff with LID treatment. The findings of this review are presented below.

- a. **On-site Drainage Conditions.** **[[= Describe the site drainage, including the site slope, direction of flow, and how the site was divided into drainage management areas that will each drain to a separate stormwater treatment measure. =]]**
- b. **Self-treating and Self-Retaining Areas and LID Treatment Measures.** **[[= Describe any drainage management areas for which self-treating or self-retaining areas (such as pervious pavement, green roofs or landscaped areas) or LID treatment measures are provided. If there are none, delete this paragraph. =]]**.
- c. **Maximizing Flow to LID Features and Facilities.** **[[= Explain how the routing of drainage has been optimized to route as much drainage as possible to LID features and facilities (if any). If there are no LID features or facilities, delete this paragraph. =]]**
- d. **Constraints to Providing On-site LID.** The drainage management areas that are proposed to drain to tree-box type high flow rate biofilters and/or vault-based high flow rate media filters include some areas that are not covered by buildings. **[[= Briefly describe all areas within these portions of the site that are not covered by buildings. =]]** In these areas, conditions and technical constraints are present that preclude the use of LID features and facilities, as described below.
 - i. **Impervious paved areas:** **[[= Describe the uses of all impervious paved areas in these areas, and why the uses preclude the use of LID treatment. =]]**
 - ii. **Landscaped areas:** **[[= For any of the following bullet points that are applicable, briefly describe how the conditions apply to the applicable landscaped areas. Delete any of the bullet points that are not applicable. =]]**
 - Inadequate size to accommodate biotreatment facilities that meet sizing requirements for the tributary area.
 - Slopes too steep to terrace;
 - Proximity to an unstable bank or slope;
 - Environmental constraints (for example, landscaped area is within riparian corridor);
 - High groundwater or shallow bedrock;

- Conflict with subsurface utilities;
- Cap over polluted soil or groundwater;
- Lack of head or routing path to move collected runoff to the landscaped area or from the landscaped area to a disposal point;
- Other conflicts, including required uses that preclude use for stormwater treatment (describe in more detail).

2. **Feasibility/Infeasibility of Off-Site LID Treatment.** The possibility of providing off-site LID treatment was found to be **[[= feasible/infeasible =]]** for the following reasons.

- [[= Describe whether the project proponent owns or otherwise controls land within the same watershed of the project that can accommodate in perpetuity off-site bioretention facilities adequately sized to treat the runoff volume of the primary project. =]]**
- [[= Indicate whether there is a regional LID stormwater mitigation program available to the project for in-lieu C.3 compliance. =]]**