LID Project Information Form

City of Palos Verdes Estates

1. Project Name Malaga Cove Residence

2. Street Address 000 Palos Verdes Drive West

3. Parcel APN 0000-000-000

4. Select predominant land use of proposed project: Low-density Residential

5. Latitude: 33.798698   Longitude: -118.399295

 (enter in decimal notation with at least six values to the right of the decimal point)

Use this link to look up latitude and longitude for entries above:

   https://mynasadata.larc.nasa.gov/latitudelongitude-finder/

6. Select current project status: Planned

7. Enter planned or actual project completion date: 1/1/25

8. Choose stormwater mitigation project type: New Development w/Onsite Retention

   If project type includes alternative compliance for volume mitigation, check box if site-specific

   Technical Infeasibility Analysis report has been submitted to City for review. ☐

9. Choose the BMP type for onsite project volume mitigation: Onsite Infiltration

If a combination of BMP types is utilized, choose 2nd onsite BMP being utilized: Onsite Infiltration

10. Enter the total area draining to all onsite BMPs combined (in acres): 0.45

11. Enter the total stormwater storage capacity provided by all onsite BMPs (acre-feet): 0.031

   Is project storage capacity equal to or greater than runoff from the 85th %,24-hr storm? Yes

12. Enter SWQDv for project (in cubic feet): 1321.4

13. Enter portion of project's SWQDv that will be retained onsite (cubic feet): 1321.40

14. Enter total designed biofiltration volume (cubic feet):

15. Native soil infiltration rate (inches/hour), if available:

16. Percent imperviousness of project area: 38.26%

17. If there is rainfall harvest & use, estimate annual stormwater capture (acre-ft/yr):

See next 2 pages: **Directions for Completing LID Project Information Form** *for explanation on completing individual questions.*

Directions for completing LID Project Information Form

1. Project Name: e.g., enter owner's last name or commercial facility name.
2. Enter street number and name with prefixes and suffixes, do not enter city, state or zip code.
3. Enter parcel APN if available
4. Use the dropdown list to select predominant land use of proposed project from pull-down box:
   a. Low-density residential = single family residential
   b. High-density residential = multi-family residential
   c. Commercial includes office buildings as well as retail uses
   d. Industrial including manufacturing, warehousing, etc.
   e. Transportation includes roads and parking lots
   f. Institutional includes governmental buildings, schools, religious buildings
   g. Open space includes parks, playgrounds, natural preserves, trails
5. Enter the latitude and longitude of the project location in decimal notation providing at least six values to the right of the decimal point. If needed, use the provided website link to look up the latitude and longitude using the project address.
6. Project status: use the dropdown list to select "Planned" if project is still in progress, select "Built" if project has been constructed and LID systems are operational.
7. Enter the planned completion date of the project or date LID systems were operational for a "built" project (in MM/DD/YY format).
8. Use the dropdown list to choose the type of stormwater mitigation that will be implemented for the project, identifying first whether it is a **New Development** or **Redevelopment** project and then choosing the appropriate mitigation subtype. The subtype identifies whether the project will be employing **Onsite Retention** of the SWQDv or using one of the **Alternative Compliance** measures (onsite biofiltration, offsite infiltration at an approved alternative project location, or offsite retrofit of an existing site). Refer to **Sections 4 and 5 of the City's Guidance for Stormwater LID** for explanation. The available stormwater mitigation types are:
   a. New Development – Onsite Retention
   b. New Development – Alternative Compliance – Onsite Biofiltration
   c. New Development – Alternative Compliance – Offsite Infiltration
   d. New Development – Alternative Compliance – Retrofit Existing Development
   e. Redevelopment – Onsite Retention
   f. Redevelopment – Alternative Compliance – Onsite Biofiltration
   g. Redevelopment – Alternative Compliance – Offsite Infiltration
   h. Redevelopment – Alternative Compliance – Retrofit Existing Development

   Note that if an Alternative Compliance option is selected such as biofiltration, then a Technical Infeasibility Analysis Report must be submitted to the City for review—check the box if this report has been submitted.
9. Choose the BMP type being used to mitigate the project SWQDv. This should correspond with the answer you chose above. The choices are:
   a. Onsite Infiltration (retention) which includes pervious paving, bioretention, and rain gardens
   b. Rainfall Harvest and Use, i.e., cisterns (also a type of retention)
   c. Biofiltration which must address at least 1.5 times the portion of SWQDv not retained onsite
   If a project proposes to use a combination of Onsite Retention for part of the project area and Onsite Biofiltration for the rest of the project area, then enter the retention BMP as the 1st type and choose the alternative compliance BMP as the 2nd BMP type.
10. Enter the total area managed by the BMP(s). If a project uses both Onsite Retention and Onsite Biofiltration, enter the combined drainage areas for both (or all) BMPs used in the project. If a

redevelopment project is not required to address the entire parcel due to less than 50% redevelopment, then only enter the area of the project being redeveloped and addressed by the BMPs.

11. Stormwater Storage Capacity should be the sum of all the stormwater storage volume being provided by the designed BMPs. This value may be different than the SWQDv. For projects that include pervious paving, this value should include the storage volume below the paving. For rainfall harvest this should be the volume of the cistern.

12. Enter the SWQDv in cubic feet for the project as designed (also see **Section 3 of the City's Guidance for Stormwater LID)**.

13. Enter the portion of the project SWQDv in cubic feet that will be retained onsite (do not include the portion to be addressed through biofiltration).

14. Enter the design biofiltration volume in cubic feet (if applicable). This value should be at least equal to 1.5 times the non-retained portion of the SWQDv.

15. Native soil infiltration rate: if a native soil infiltration rate is available, e.g., if a site-specific geotechnical report and percolation test was conducted for the project, enter this value in inches per hour.

16. Calculate the proposed percent imperviousness of the project according to the equation: Impervious area/(Impervious area + Pervious area). Enter the value as a decimal and the form will automatically show it as a percentage.

17. If a rainfall harvest and use BMP is used in the project, please estimate the annual stormwater capture for this system based on average annual rainfall.