HAWAII STATE DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

POST-CONSTRUCTION BMP ALTERNATIVE COMPLIANCE

Guidance for completing the Alternative Compliance Worksheet for projects initiated on or after July 1, 2022

- ☐ Provide the project name, number, location, and date at the top of the form.
- ☐ In the "Project Watershed" column provide the watershed(s) that your project is located in. If your project is located in more than one watershed, provide the additional watershed(s) in the subsequent row(s) of worksheet. The impervious and treatment areas will be calculated separately for each watershed. You can determine the watershed that your project is located using the interactive GIS map located here: https://geoportal.hawaii.gov/datasets/HiStateGIS::watersheds/about
- ☐ Fill in the boxes in the "New Development" columns indicating "Existing Impervious Removed" and "New Impervious Added" and calculate "Required Treatment Area for New Development" as indicated in the worksheet.
- ☐ Fill in the box for "Redevelopment Impervious Area" and calculate the "Required Treatment Area for Redevelopment" as indicated in the worksheet.
- ☐ Calculate the "Total Required Treatment Area" as indicated in the worksheet.
- ☐ Fill in the boxes in the "New Treatment Provided" columns indicating the BMP treatment type and impervious treatment area and calculate the project's "Credit or Deficit" as indicated in the worksheet. If this calculation equals zero (0) or greater, then your project meets the requirements for storm water treatment and does not require Alternative Compliance.

EXAMPLE

Project Watershed	*NEW DEVELOPMENT*			*REDEVELOPMENT*		TOTAL REQUIRED TREATMENT AREA (acres)	*NEW TREATMENT PROVIDED*		CREDIT OR DEFICIT (acres)
	Existing Impervious Area Removed (acres)	New Impervious Area Added (acres)	Required Treatment Area for New Development (acres)	Redevelopment Area (acres)	Required Treatment Area for Redevelopment (acres)		Primary BMP Type Used for Treatment	Impervious Area Treated (acres)	
	A	B	(B - A) = C	D	(D X 0.25) = E	(C + E) = F		G	(G - F) = H
Example Watershed	0.30	2.30	2.00	1.00	0.25	2.25	Enhanced Swale	1.25	-1.00

Note: In the example above the project results in a deficit of one (1) acre of storm water treatment, which will need to be accounted for in a separate project (alternative compliance).

Hawaii State Department of Transportation, Highways Division
Alternative Compliance Worksheet
(Required for Projects initiated on or after July 1, 2022)

Project Name: _____

Project No.: _____

Island: _____

Date: _____

Project Watershed	*NEW DEVELOPMENT*			*REDEVELOPMENT*		TOTAL REQUIRED TREATMENT AREA (acres)	*NEW TREATMENT PROVIDED*		CREDIT OR DEFICIT (acres)
	Existing Impervious Area Removed (acres)	New Impervious Area Added (acres)	Required Treatment Area for New Development (acres)	Redevelopment Impervious Area (acres)	Required Treatment Area for Redevelopment (acres)		Primary BMP Type Used for Treatment	Impervious Area Treated (acres)	
	A	B	(B - A) = C	D	(D X 0.25) = E	(C + E) = F		G	(G - F) = H
TOTALS									