

Hendry Creek and Imperial River Summary of Loading Calculation Coefficients

Harper Land Use for EMCs	TN	TP
Low-Density Residential	1.61	0.191
Single-Family	2.07	0.327
Multi-Family	2.32	0.520
Low-Intensity Commercial	1.18	0.179
High-Intensity Commercial	2.40	0.345
Light Industrial	1.20	0.260
Highway	1.64	0.220
Pasture	3.47	0.616
Citrus	2.24	0.183
Row Crops	2.65	0.593
General Agriculture	2.79	0.431
Water	1.39	0.015
Wetlands	0.76	0.020
Undeveloped / Rangeland / Forest	1.15	0.055
Mining / Extractive	1.18	0.150
N/A	-	

Not used. See H_Rds and I_Rds

Source: Wayne Magley

Rainfall	52 inches/year
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inches to m	0.0254
kg to lb	2.204623

Harper Land Use for ROCs	A	B	C	D	NA
Undeveloped Land	0.011	0.050	0.105	0.149	0.079
Low-Density Residential Areas	0.079	0.144	0.210	0.262	0.174
Single-Family Residential Areas (25% Impervious)	0.144	0.188	0.243	0.285	0.215
Single-Family Residential Areas (40% Impervious)	0.231	0.273	0.324	0.362	0.298
High-Density Residential Areas	0.436	0.467	0.503	0.529	0.484
Commercial Areas	0.628	0.642	0.658	0.671	0.650
Pasture	0.355	0.355	0.355	0.355	0.355
Citrus	0.401	0.401	0.401	0.401	0.401
Row Crops	0.204	0.204	0.204	0.204	0.204
General Agriculture	0.320	0.320	0.320	0.320	0.320
Water	0.435	0.435	0.435	0.435	0.435
Wetlands	0.435	0.435	0.435	0.435	0.435
Highway Areas (50% Impervious)	0.427	0.459	0.492	0.519	0.474
Highway Areas (75% Impervious)	0.627	0.642	0.659	0.672	0.650
N/A	0.000	0.000	0.000	0.000	0.000

0.079 Mean of ROCs for Undeveloped Land
0.174 Mean of ROCs for Low-Density Residential Areas
0.215 Mean of ROCs for Single-Family Residential Areas (25% Impervious)
0.298 Mean of ROCs for Single-Family Residential Areas (40% Impervious)
0.484 Mean of ROCs for High-Density Residential Areas
0.650 Mean of ROCs for Commercial Areas
0.355 Mean of ROCs for Pasture
0.401 Mean of ROCs for Citrus
0.204 Mean of ROCs for Row Crops
0.320 Mean of ROCs for General Agriculture
0.435 Mean of ROCs for Water
0.435 Mean of ROCs for Wetlands
0.474 Mean of ROCs for Highway Areas (50% Impervious)
0.650 Mean of ROCs for Highway Areas (75% Impervious)