



## Tree Canopy Over Impervious (TCI) Adjustment

- **Background:** The TCI loading rate for Phase 6 was derived by applying the efficiencies from the Tree Canopy Expert Panel to a weighted average of the Roads and Impervious Non Roads (INR) land use loading rates.
- **Issue:** When TCI is applied to Impervious Non-Roads, the loading rate increased
- **The Fix:** Correct the ratio of TCI on Roads, vs Impervious Non-Roads, while incorporating updated data from the National Stormwater Quality Database, and P7 land uses.





# Tree Canopy Over Impervious Adjustment

Land Use	TN Phase 6	TN Updated	TP Phase 6	TP Updated
Impervious Roads	1.02	1.02	1.04	1.03
Impervious Buildings and Other	0.81	0.80	0.83	0.83
TC Over Impervious	0.91	0.84	0.91	0.83
TC Over Turf	0.38	0.38	0.79	0.79
Turf	0.50	0.50	1.04	1.03





## Compacted Pervious

- **Background:** In P6, the land uses making up “Compacted Pervious” were part of the larger “Mixed Open”. This was a Natural land use and the Relative Loading Ratios were set relative to Forest. In P7, Mixed Open has been split up, and a subset now make up “Compacted Pervious” .
- **Issue:** The relative loading rate for compacted pervious must be set relative to Roads, now that it is in the developed sector.
- **The Fix:** Identify most appropriate comparable dataset (from NSQD or other) to use as basis for updated relative loading ratio.

