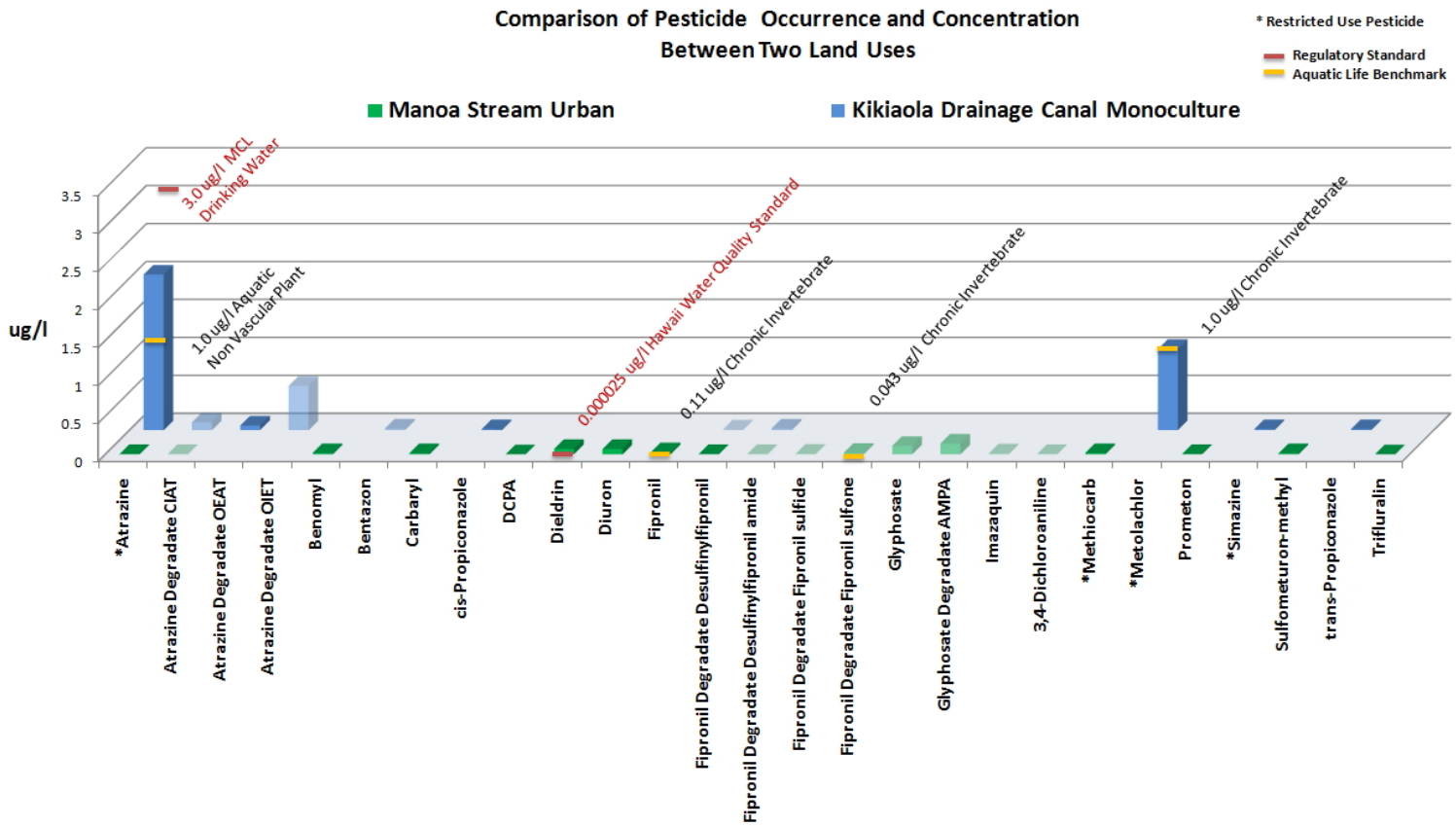
Comparison of Pesticide Occurrence and Concentration
Between Two Land Uses
* Restricted Use Pesticide
Regulatory Standard
Aquatic Life Benchmark
Manoa Stream Urban
Kikiaola Drainage Canal Monoculture
ug/l
3.0 ug/l MCL
Drinking Water
1.0 ug/l Aquatic
Non Vascular Plant
0.000025 ug/l Hawaii Water Quality Standard
0.11 ug/l Chronic Invertebrate
0.043 ug/l Chronic Invertebrate
1.0 ug/l Chronic Invertebrate
0
0.5
1
1.5
2
2.5
3
3.5
*Atrazine
Atrazine Degradate ClAT
Atrazine Degradate OEAT
Atrazine Degradate OIET
Benomyl
Bentazon
Carbaryl
cis-Propiconazole
DCPA
Dieldrin
Diuron
Fipronil
Fipronil Degradate Desulfinylfipronil
Fipronil Degradate Desulfinylfipronil amide
Fipronil Degradate Fipronil sulfide
Fipronil Degradate Fipronil sulfone
Glyphosate
Glyphosate Degradate AMPA
Imazaquin
3,4-Dichloroaniline
*Methiocarb
*Metolachlor
Prometon
*Simazine
Sulfometuron-methyl
trans-Propiconazole
Trifluralin