

Inappropriate and Poorly-Regulated Land Use

Heavily Irrigated and Chemically-Treated Turf



Inappropriate and Poorly-Regulated Land Use
Sewage Effluent Irrigation



Sprawling Development



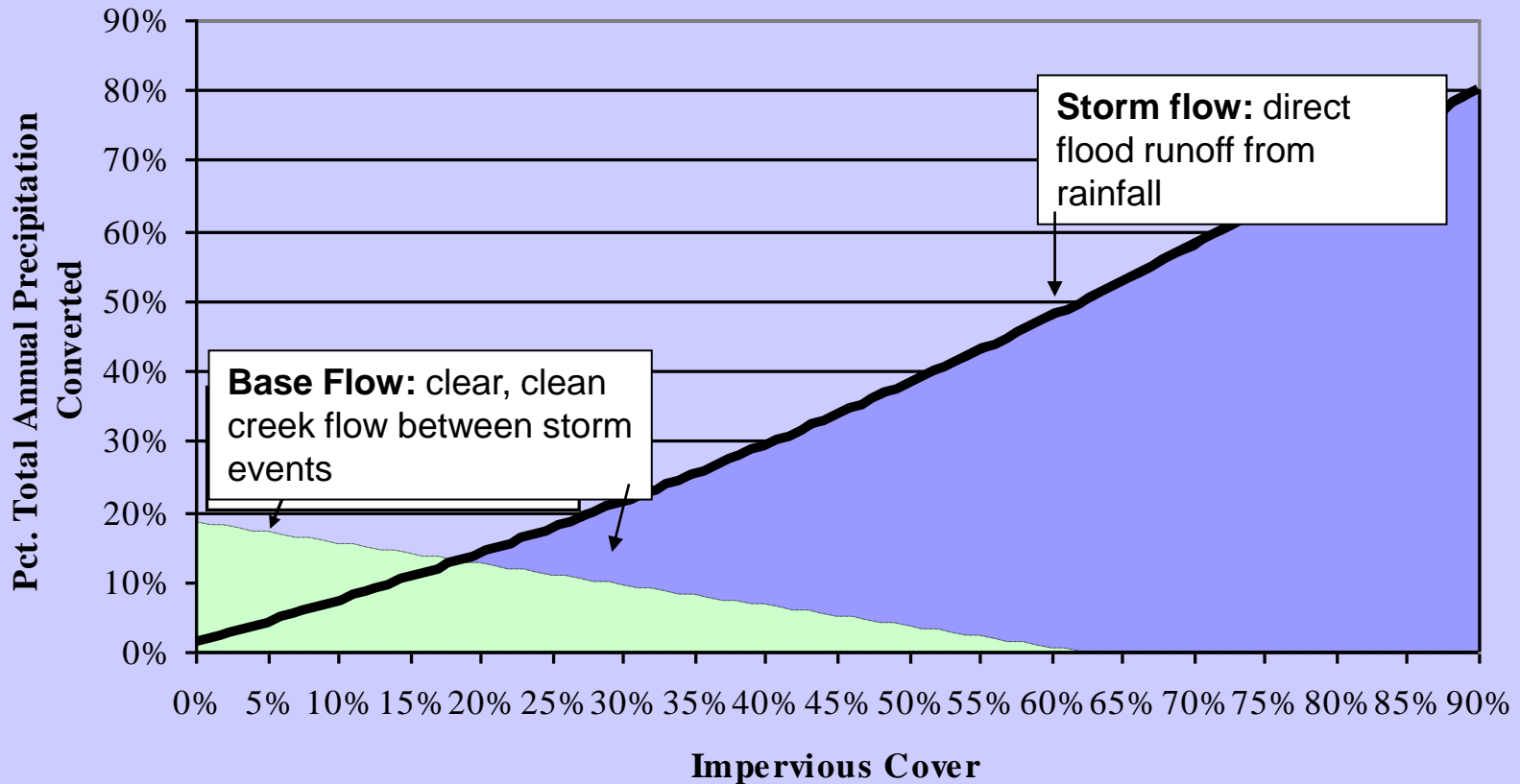
Effects of Development on Our Water:

Decreased Base Flow in Streams Decreases Aquifer Recharge



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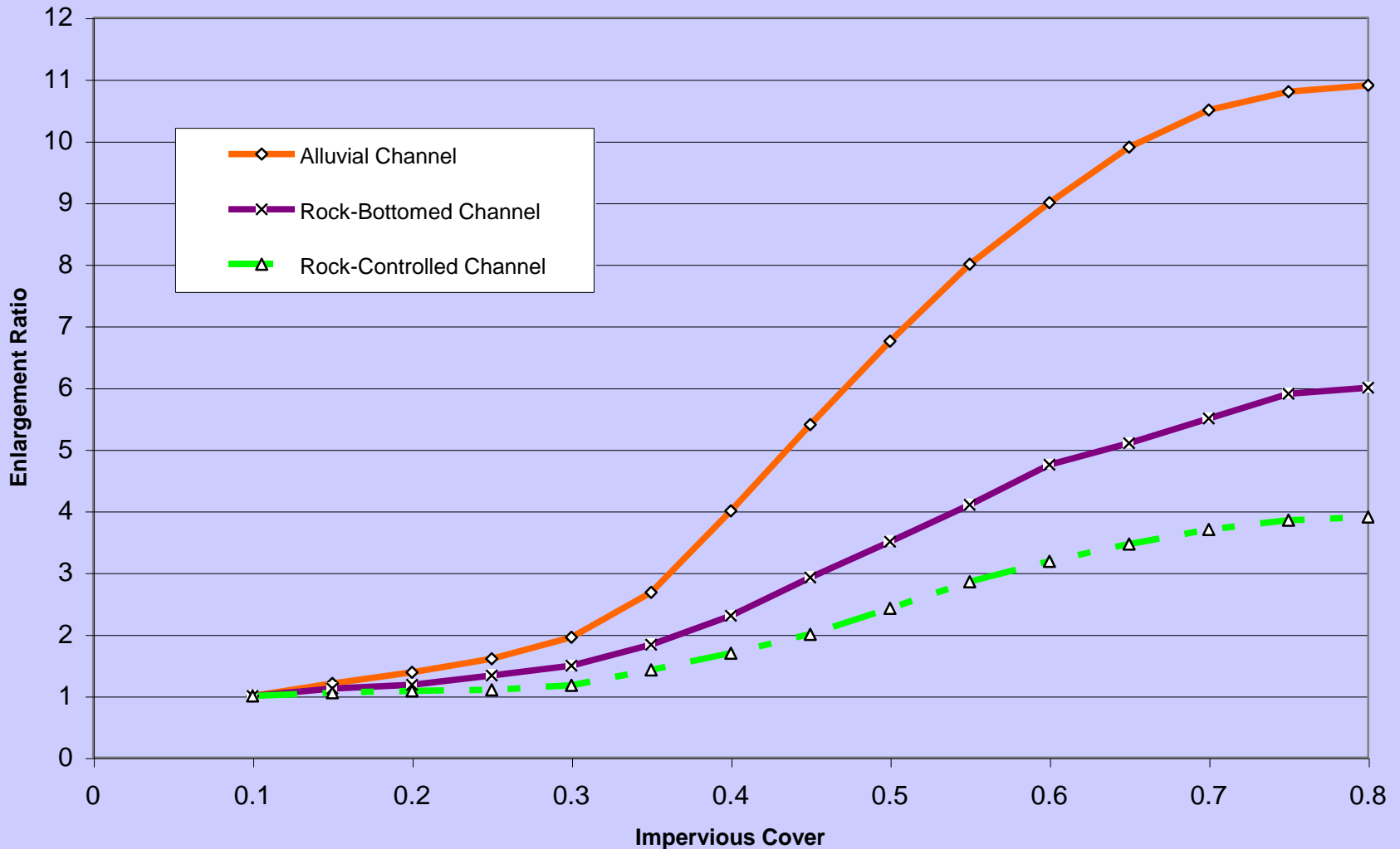
Decreased Base Flow in Streams Decreases Aquifer Recharge



Stream Bank Erosion



Stream Bank Erosion



Source: Raymond Chan & Associates, Technical Procedures for the Watershed Erosion Assessments, September, 1997.

Sewage Spills



Effects of Development on Our Water:
Storm Runoff Pollution

**Pollutants found in the Edwards Aquifer
or Contributing Stream Sediments Above Levels
which are Toxic to Aquatic Life**

Heavy Metals

Arsenic
Cadmium
Copper
Lead
Mercury
Silver

Pesticides

P-P'-DDD
P-P'-DDE
P-P'-DDT
Aldrin
Endrin
Heptachlor Epoxide
Beta-BHC
Delta-BHC
Gamma-BHC (lindane)
PCD

Polyaromatic hydrocarbons

Benzo(A)anthrocene
Benzo(B)fluoranthene
Benzo(K)fluoranthene
Benzo(A)pyrene
Chrysene
Dibenz(AH)anthracene
Fluoranthene
Phenanthrene
Pyrene



Engineered Controls Fail

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Filtration Control Basin



Engineered Controls Fail
SAMS CLUB – Sedimentation Filtration



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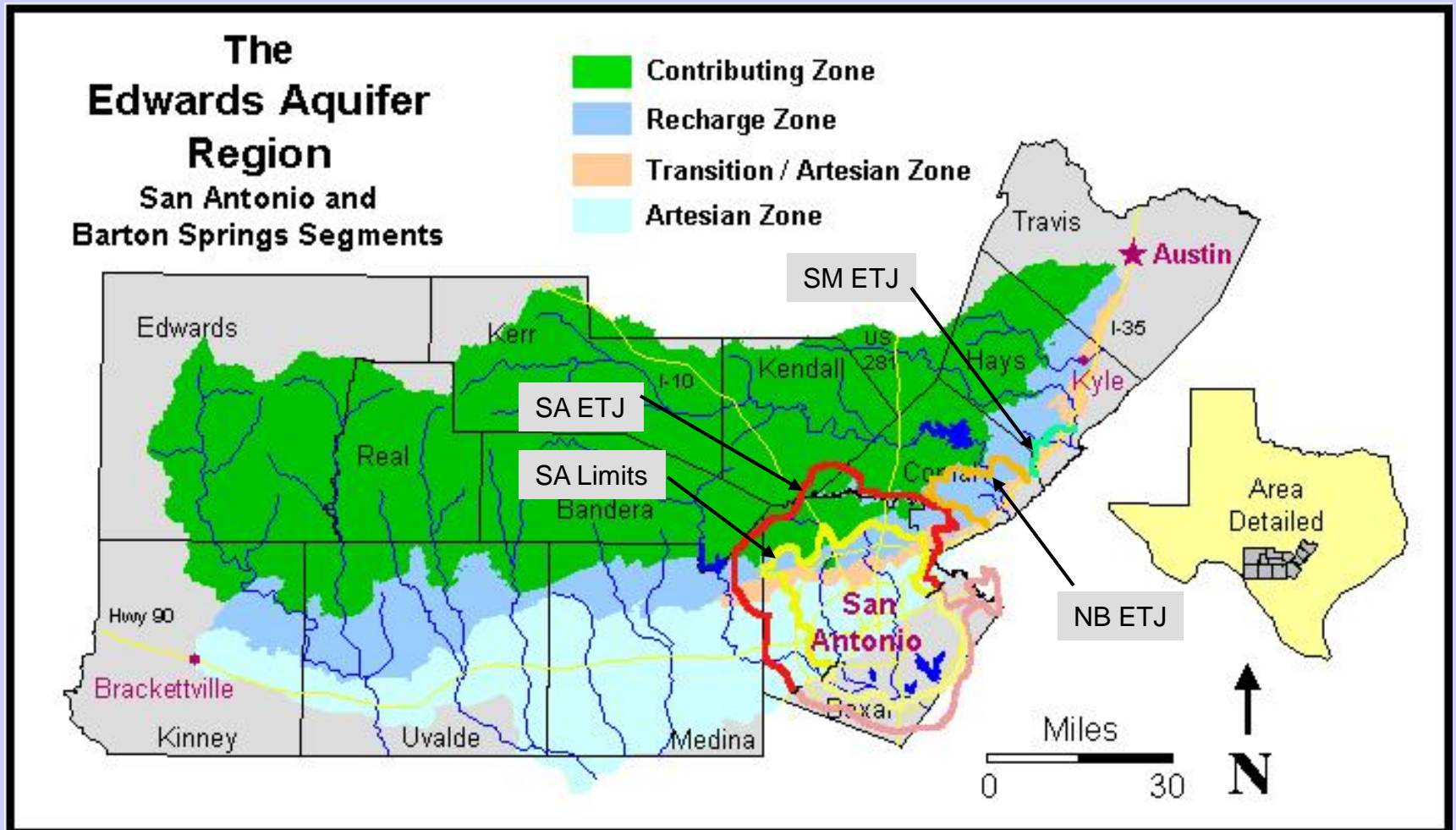


Engineered Controls Fail

SAMS CLUB – Sedimentation Filtration



Limited Geographical Jurisdiction



Limits on Development





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