# Illicit Discharge Detection and Elimination:

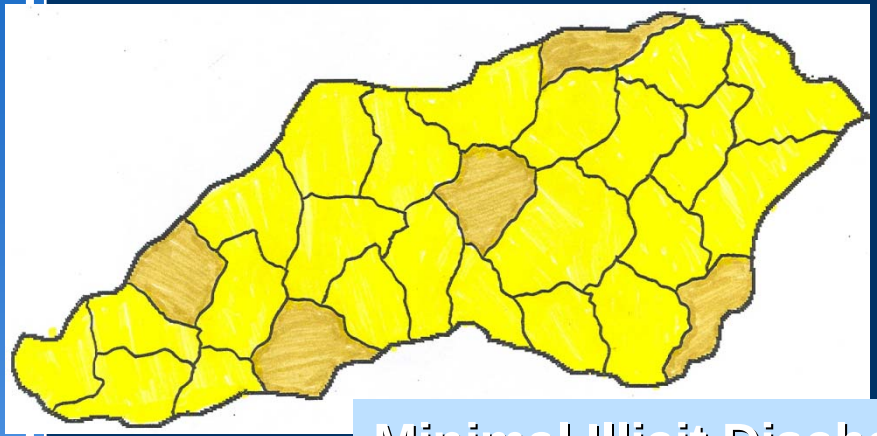
# Desktop Analysis of Illicit Discharge Potential (IDP)

# Prioritizing Subwatersheds Using IDP Screening Factors

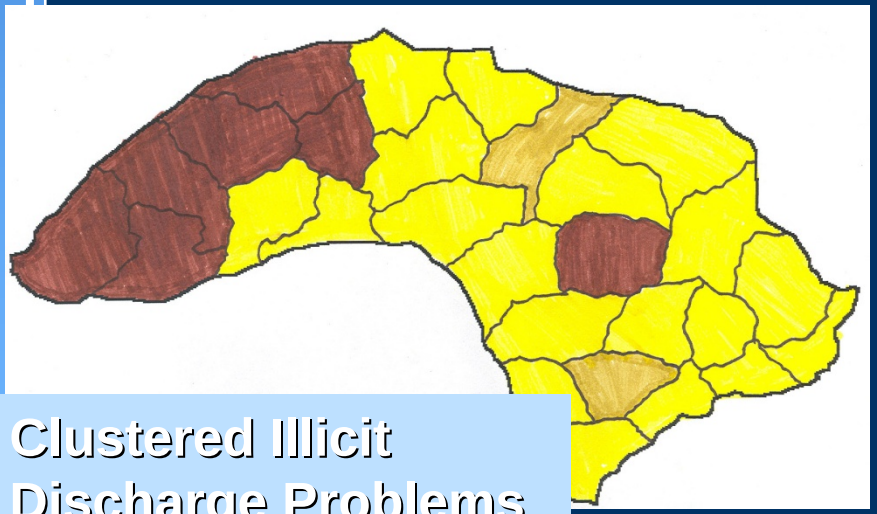
| Subwatershed | Past discharge complaints | Poor dry weather WQ | Density of SW outfalls | Average age of dev. | Raw IDP score | Normalized IDP score |
|---|---|---|---|---|---|---|
| Subwatershed A | 8 (2) | 30% (2) | 14 (2) | 40 (2) | **8** | **2** |
| Subwatershed B | 3 (1) | 15% (1) | 10 (2) | 10 (1) | **5** | **1.25** |
| Subwatershed C | 13 (3) | 60% (3) | 16 (2) | 75 (3) | **11** | **2.75** |
| Subwatershed D | 1 (1) | 25% (1) | 9 (1) | 15 (2) | **5** | **1.25** |
| Subwatershed E | 5 (1) | 15% (1) | 21 (3) | 20 (1) | **6** | **1.5** |

| Basis for Assigning Scores… | 1 | 2 | 3 |
|---|---|---|---|
| Past discharge complaints/reports (total # logged) | < 5 | 5 - 10 | > 10 |
| Dry weather water quality (# times bacteria stds exceeded) | < 25% | 25 - 50% | > 50% |
| Storm water outfall density (# outfalls / stream mile) | < 10 | 10 - 20 | 20 |
| Average age of development (years) | < 25 | 25 - 50 | > 50 |

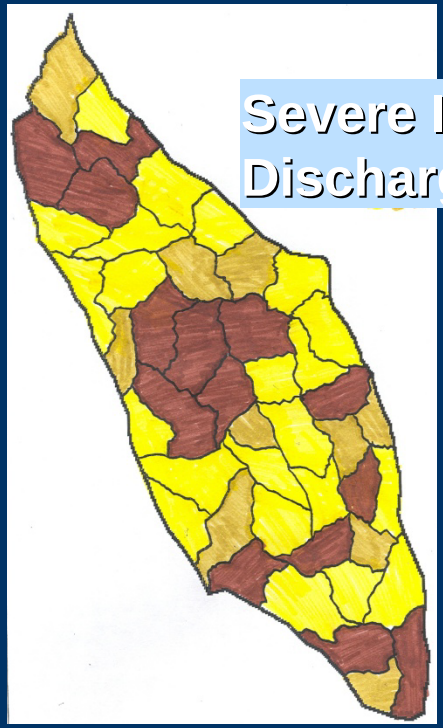
# Communities with…



Minimal Illicit Discharge Problems



Clustered Illicit Discharge Problems



Severe Illicit Discharge Problems

**Key:**

- Low IDP risk
- Medium IDP risk
- High IDP risk