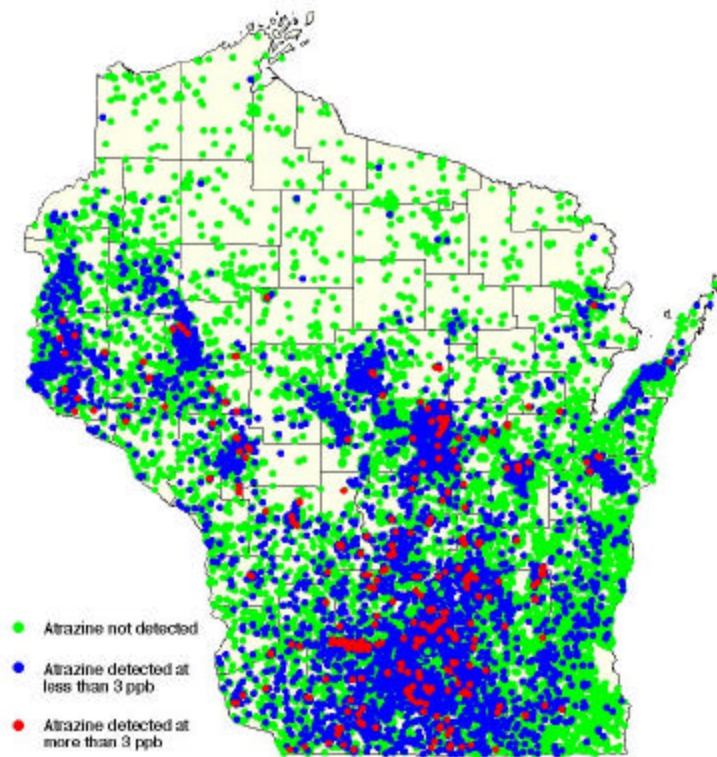


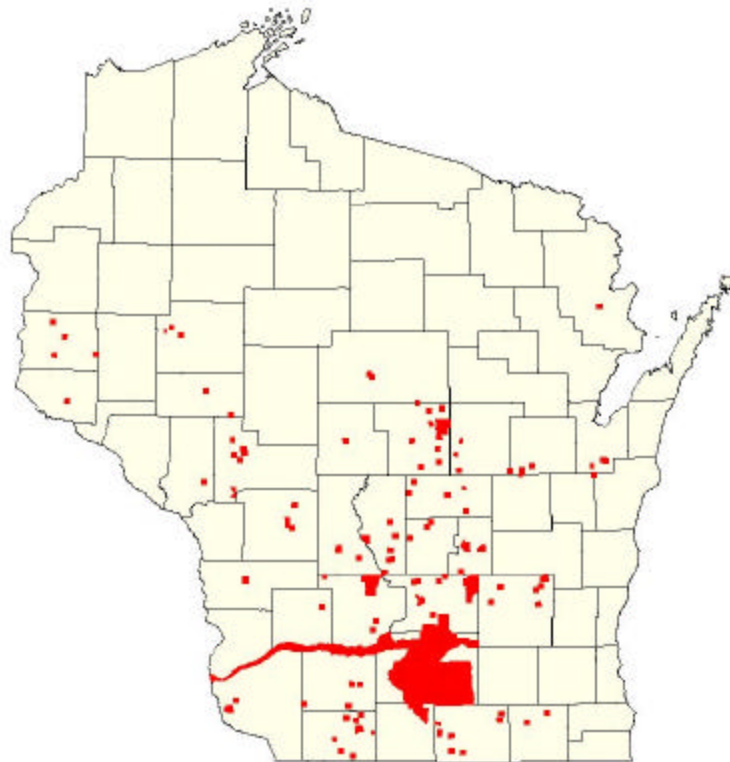
Potential for atrazine reintroduction to prohibition areas

Bruce Rheineck
Water Quality Section, DATCP

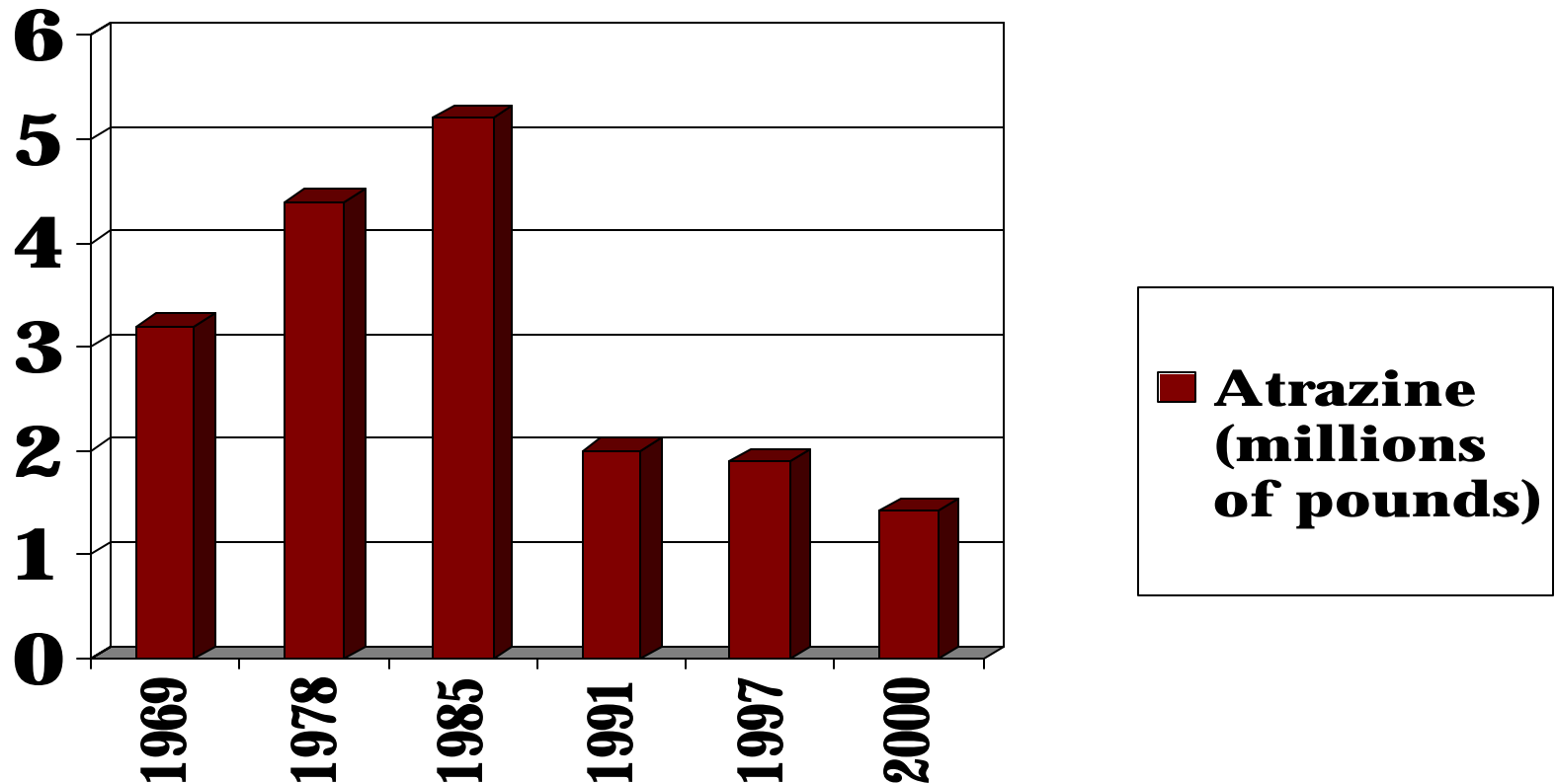
Atrazine Results in Private Wells



Atrazine Prohibition Areas



Atrazine Use History in Wisconsin



Atrazine Prohibition Repeal Process

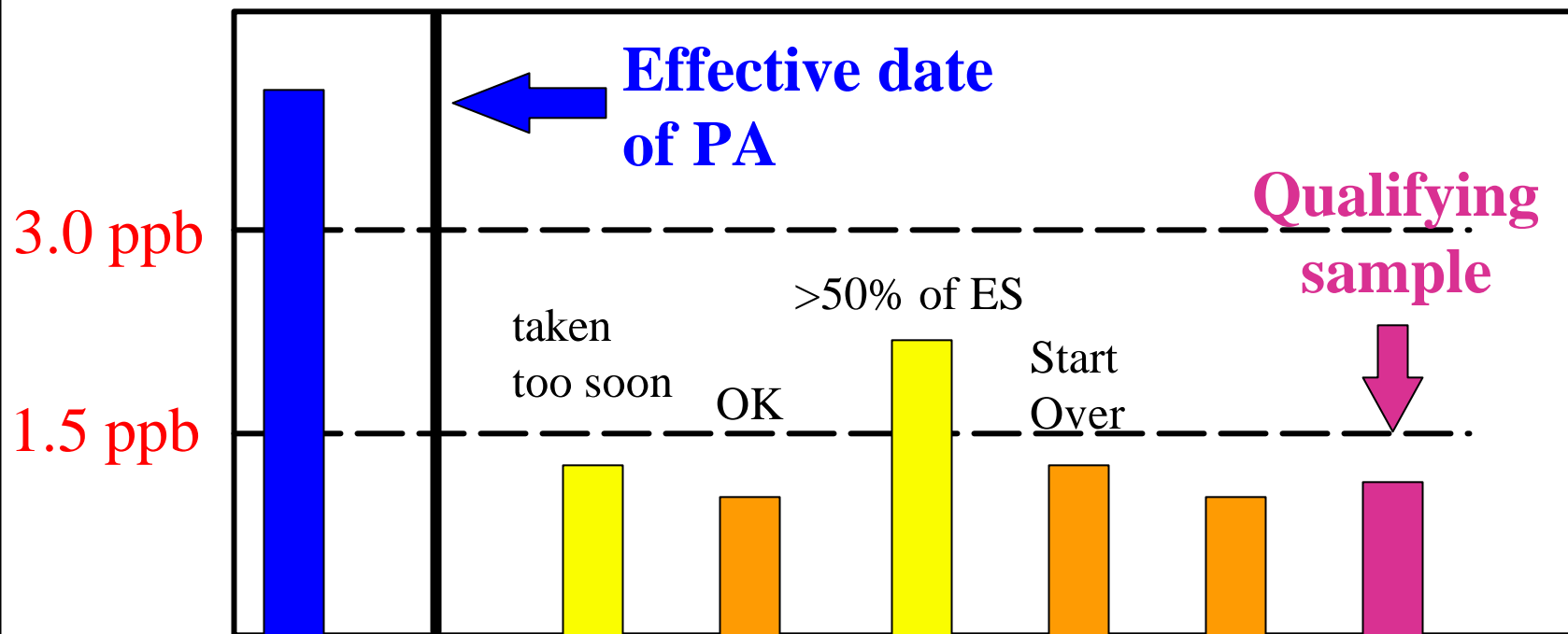
Three criteria must be met to consider a PA for repeal

- **Three consecutive samples show pesticide levels in exceedance well(s) to be at or below 50% of ES**
- **Pesticide levels in other wells in the PA must be at or below 50% of ES**
- **Supported by credible scientific data**

Atrazine Prohibition Repeal Process

Required Reductions in Pesticide Levels

(all exceedance wells in PA must pass test)



Monitoring Reuse of Atrazine

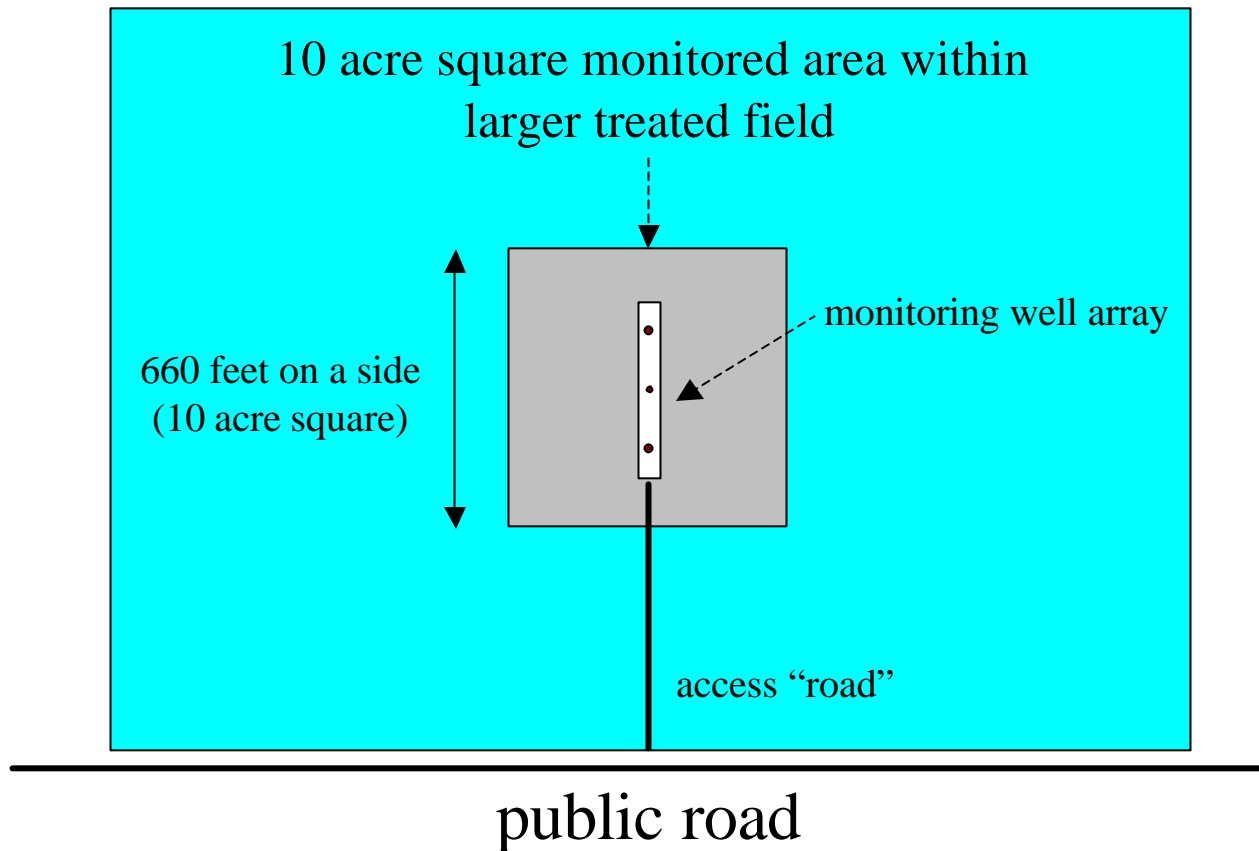
Researching if atrazine can be safely reintroduced in prohibition areas

Monitoring Reuse of Atrazine

- ◆ 5 year study at each site
- ◆ 17 sites across Wisconsin
- ◆ 10 - 40 acre field
- ◆ 3 “in-field” wells + 1 “field-edge” well
- ◆ Range of soil texture, rotation, irrigation
- ◆ Corn first year + at least 2 other years
- ◆ Wells sampled quarterly

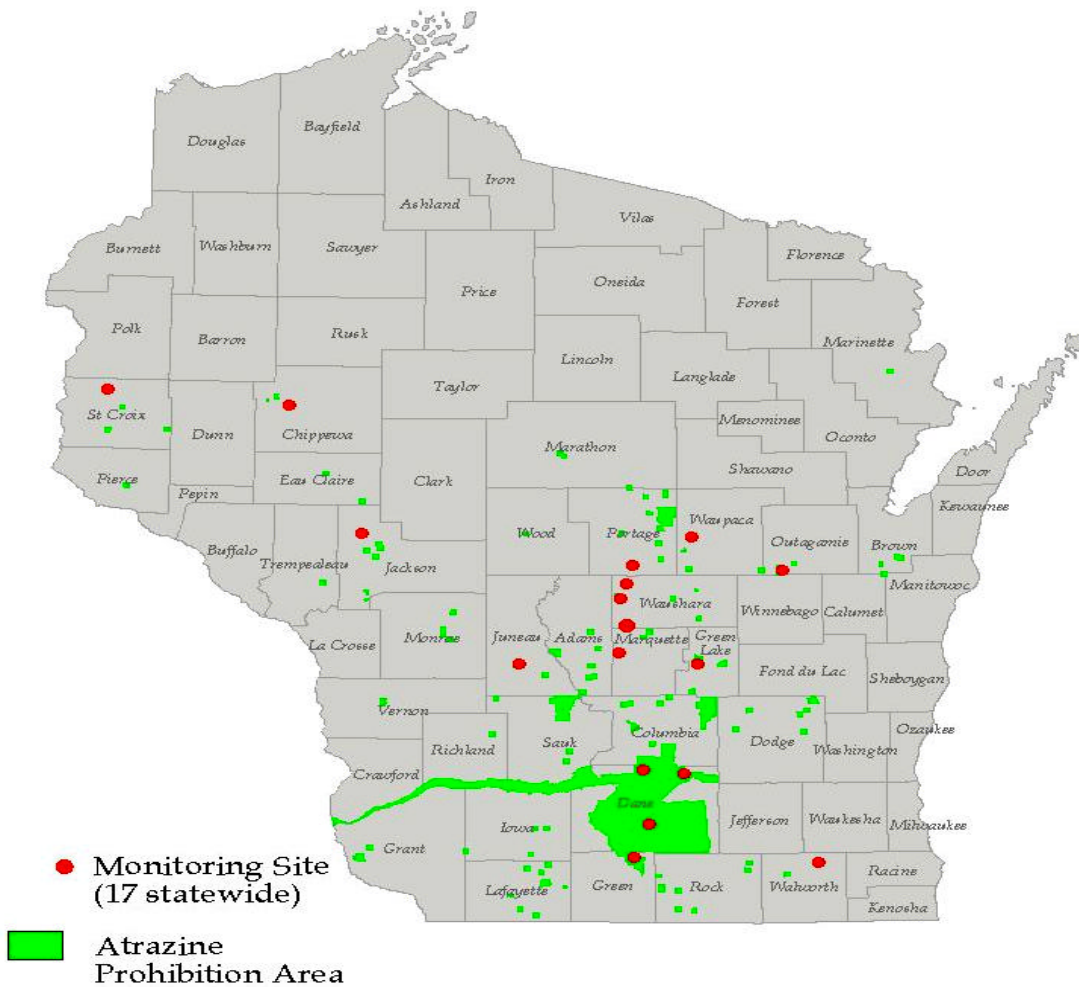
Monitoring Reuse of Atrazine in Prohibition Areas

Example Monitoring Site Layout



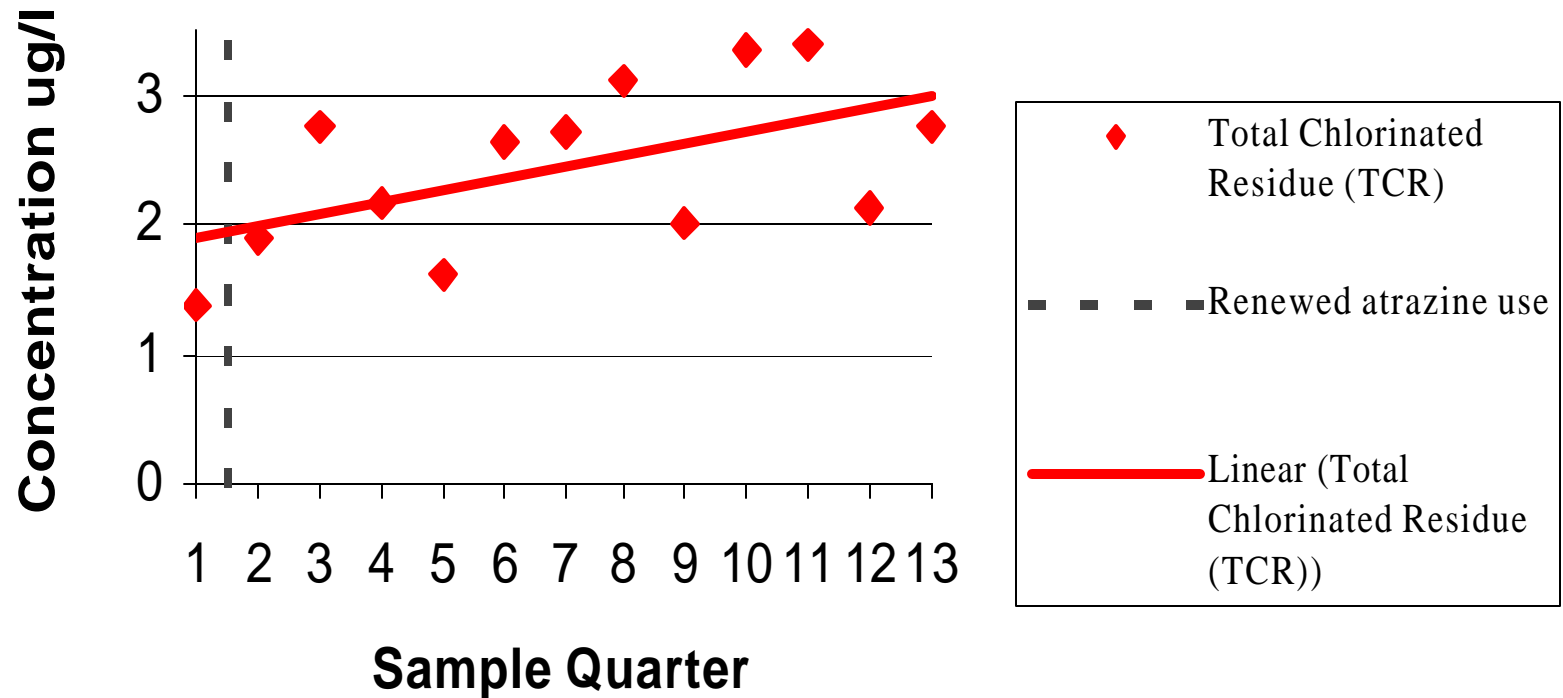


MONITORING REUSE OF ATRAZINE IN PROHIBITION AREAS



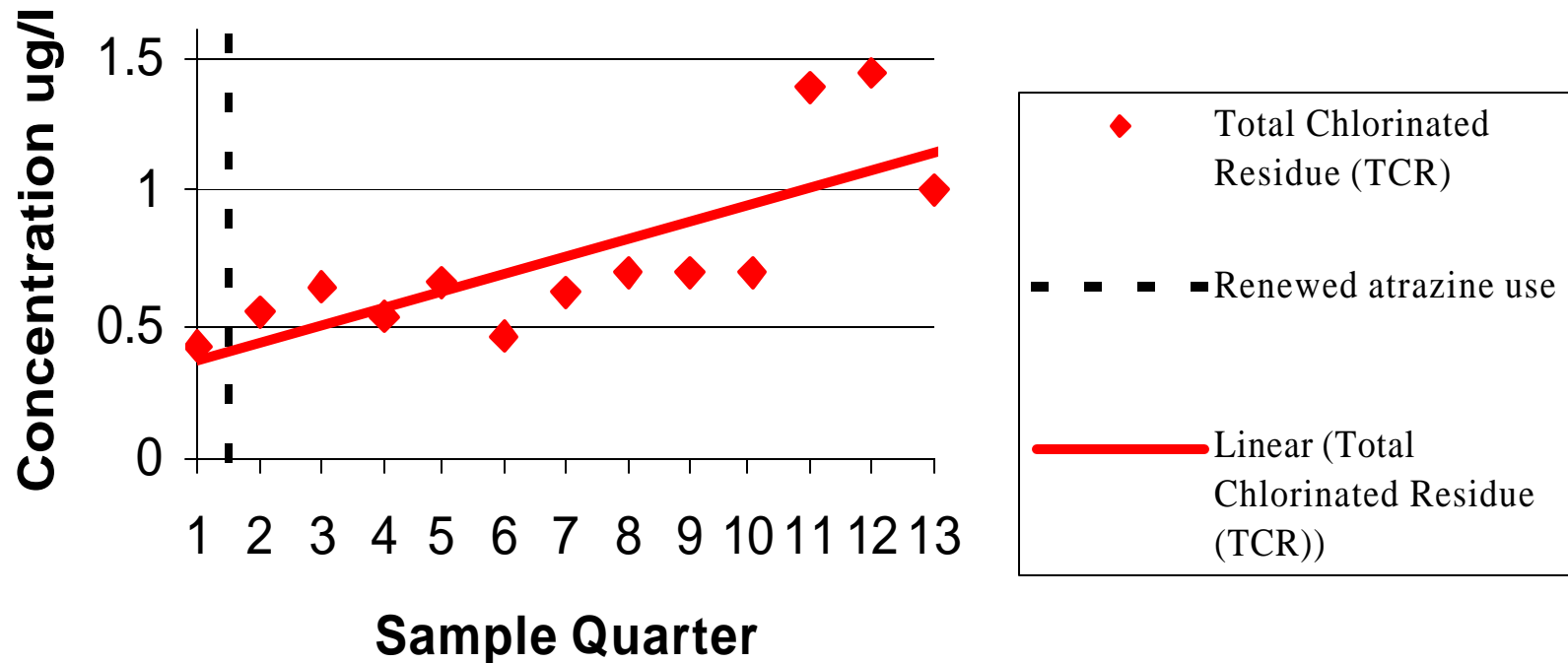
Median Atrazine Results

TCR for Medium Textured Sites



Median Atrazine Results

TCR for Coarse Textured Sites



Summary of TCR

9 Medium Texture Sites

- ◆ 8 of 9 sites have gone up
- ◆ All 9 sites have had wells over the ES
- ◆ Statistical trend not yet clear

8 Course Texture Sites

- ◆ 4 of 8 sites have gone up
- ◆ 4 of 8 sites have had wells over the ES
- ◆ Statistically evident upward trend