Analysis of water quality indicators
input later

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```r
Southeast.arsenic.plot <- ggplot(Southeast.States.data,
                aes(x = Population.Served, y = Arsenic_ugL)) +
  geom_hline(yintercept = 10, lty = 1) +
  geom_text(x = 2000000, y = 150, label = "Maximum contaminant level", hjust = 1) +
  geom_point(aes(color = State)) +
  xlim(0, 2300000) +
    scale_color_brewer(palette = "Paired") +
  labs(x = expression("Population served"), y = expression(Arsenic ~ (mu*g / L)),
      color = "State", shape = "") +
    theme(legend.position = "bottom",
      legend.text = element_text(size = 10), legend.title = element_text(size = 10))
```