

# Mine Reclamation and Enforcement

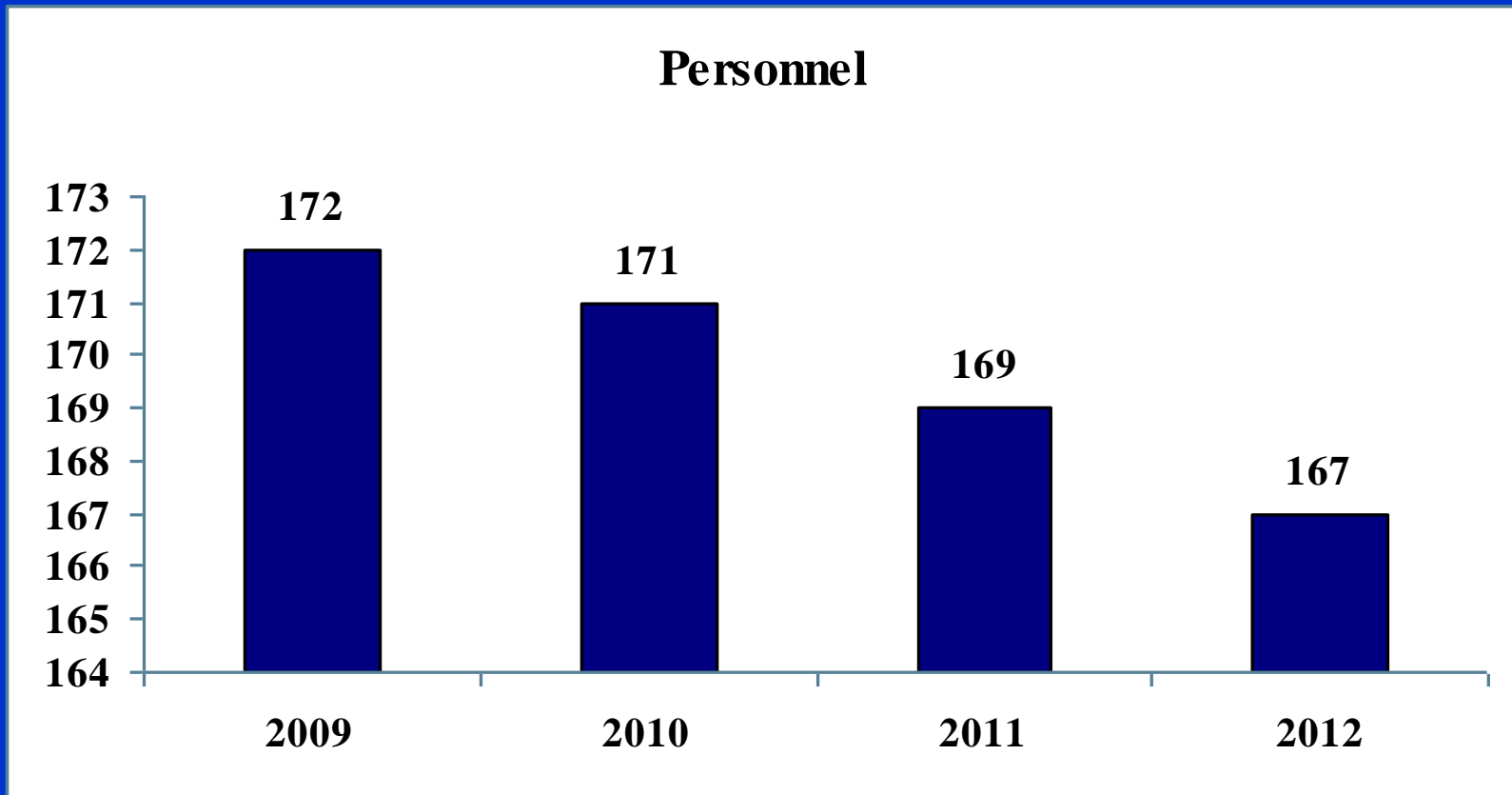
Director Billy A. Ratliff

**Presentation to Professional Engineers in Mining Seminar**  
**Kentucky Department for Natural Resources**  
**Lexington, KY August 17, 2012**



# Staffing

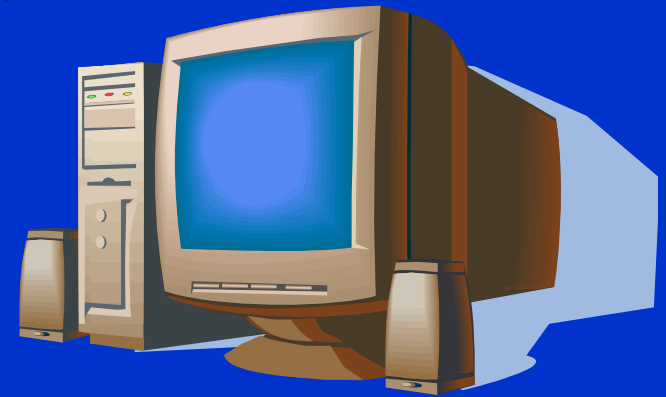
- 1853 Total Inspectable Units- average is 28 units/inspector



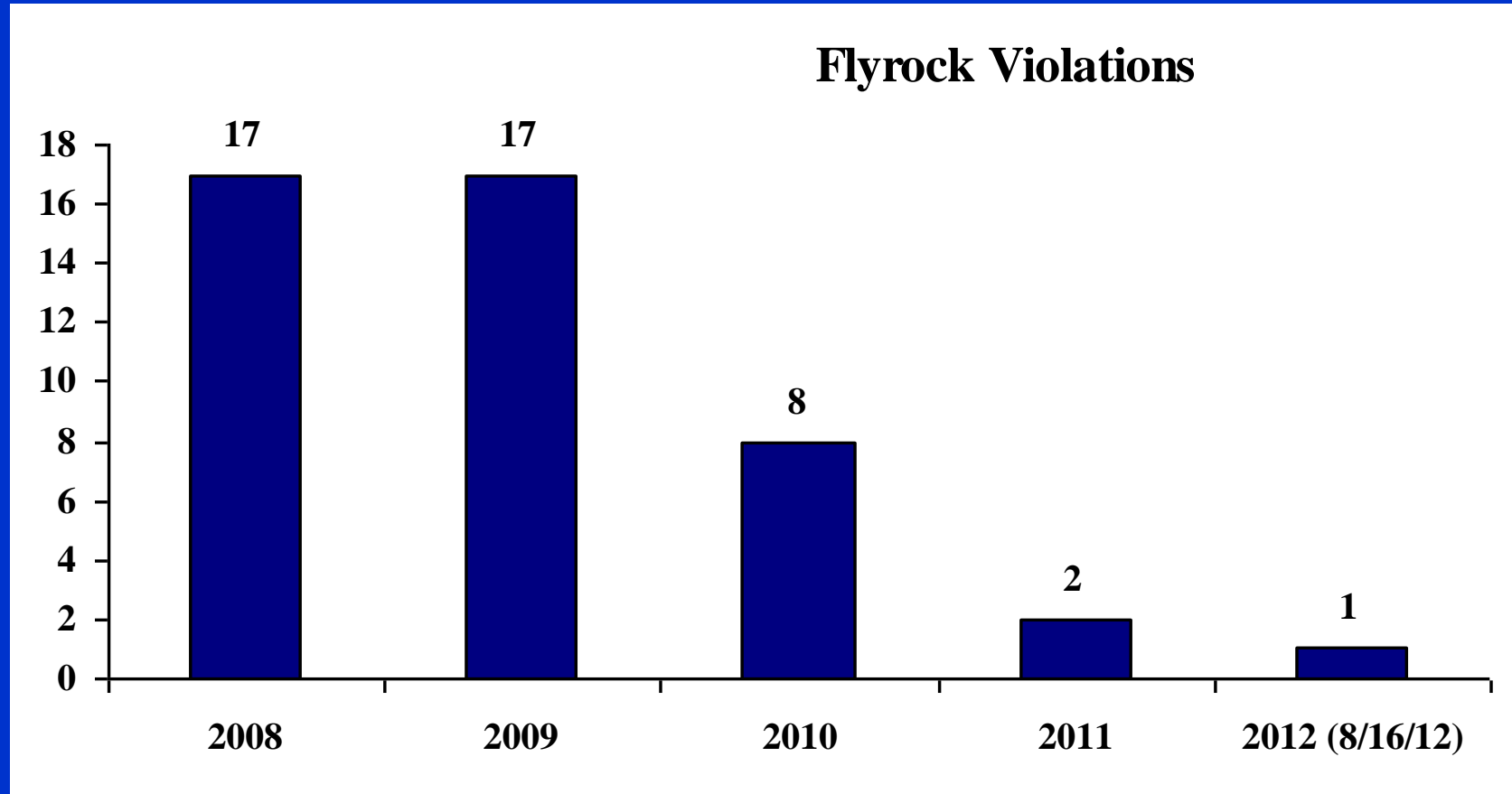
# FTP Submission

Electronic User's Submission Guide  
available at <http://dmre.ky.gov>

- Currently approved for FTP submittal
  - Water Monitoring Reports (DMR, SW, GW)
  - Certifications (SME-21 and SME-22)
  - Minor Field Revisions (SME-80)
  - Pre-Blast Survey Affidavits
  - Blasting Ads
  - Surface Blast Designs (SMP-61)
- Future FTP submittals projected within 60 days
  - Coal Explorations (SMP-04)
  - Bond Release (SME-87A) and Planting Report (SME-29)

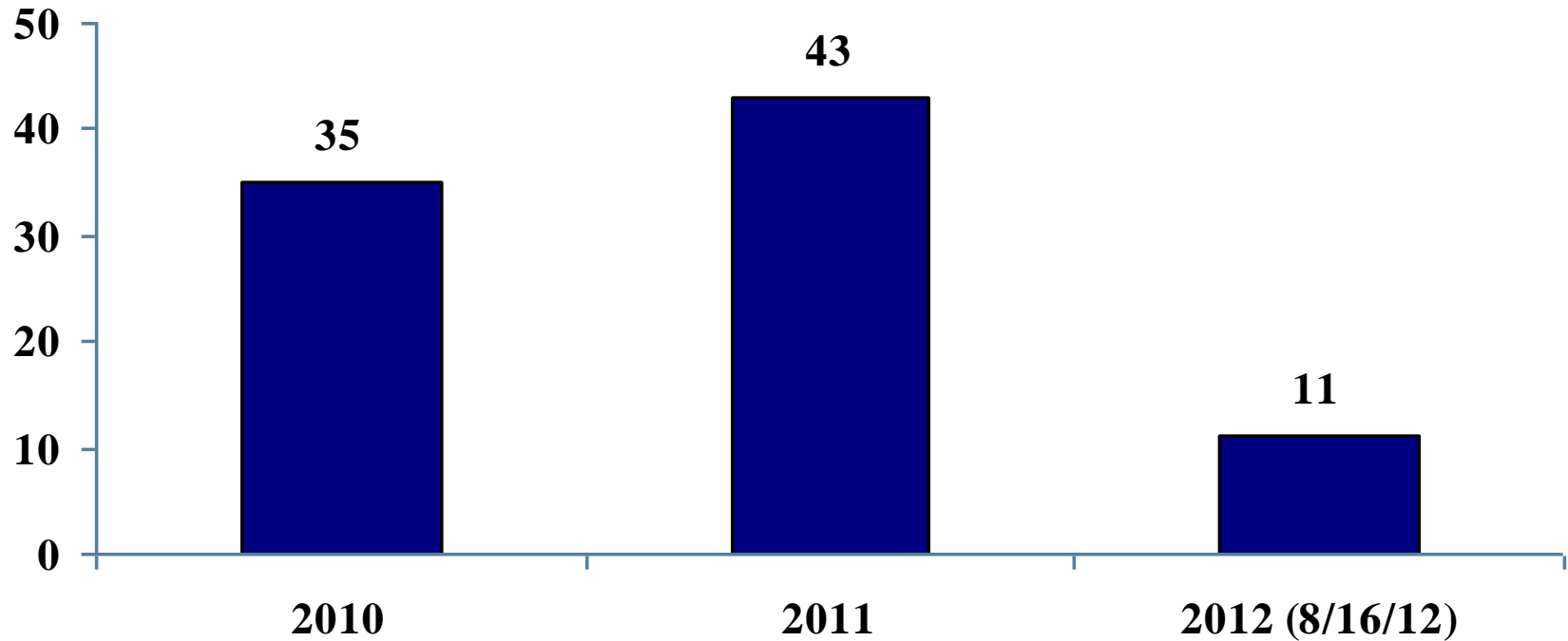


# Explosives and Blasting



# Explosives and Blasting

UE Violations

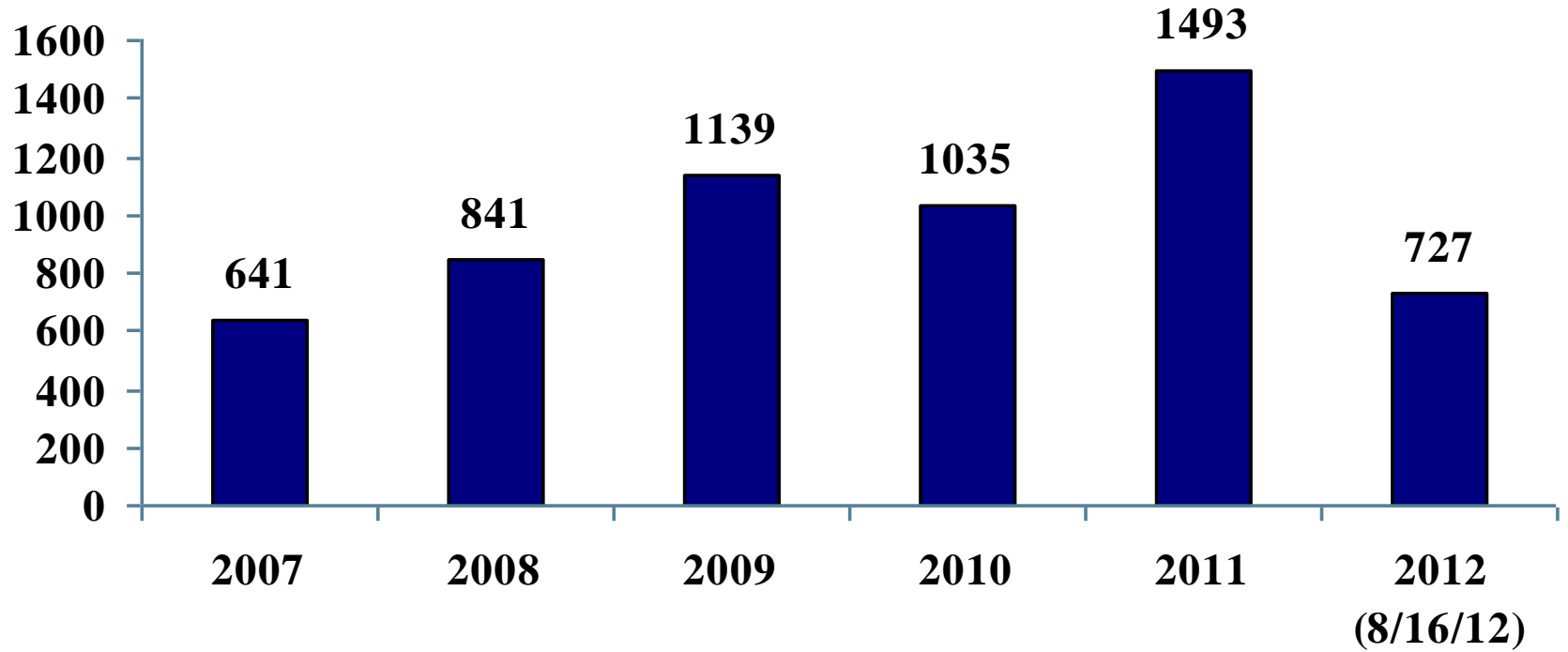


# Joint Task Force with University of Kentucky and Professor Braden Lusk

- The Explosives and Blasting Branch, along with Professor Braden Lusk of the University of Kentucky, have joined together to form a “Flyrock Task Force”. The Department will be providing information from flyrock events during 2011-2012. Once these two years have been reviewed, records from 2008, 2009, and 2010 will be processed. The data collected will be analyzed to find trends that are the most common causes of flyrock events.
- The task force idea was well received by DMRE since it offered the EBB a chance to have an unbiased study conducted of our data. Both Professor Lusk and the University are very creditable and highly respected.

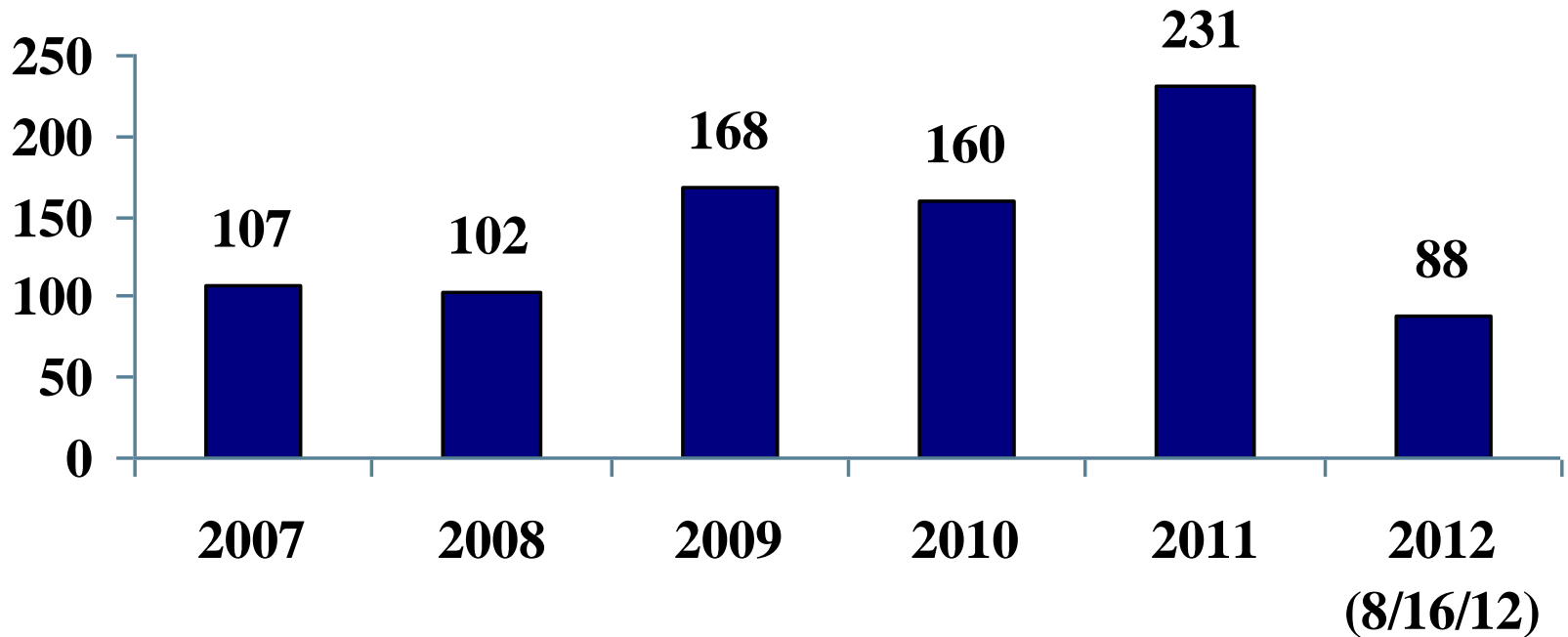
# ENFORCEMENT ACTIONS

## Non-Compliances



# ENFORCEMENT ACTIONS

## Cessation Orders





# TOP VIOLATIONS CITED

## 2010

Off-Permit Disturbance	251
Water Monitoring	202
Sediment Control	190

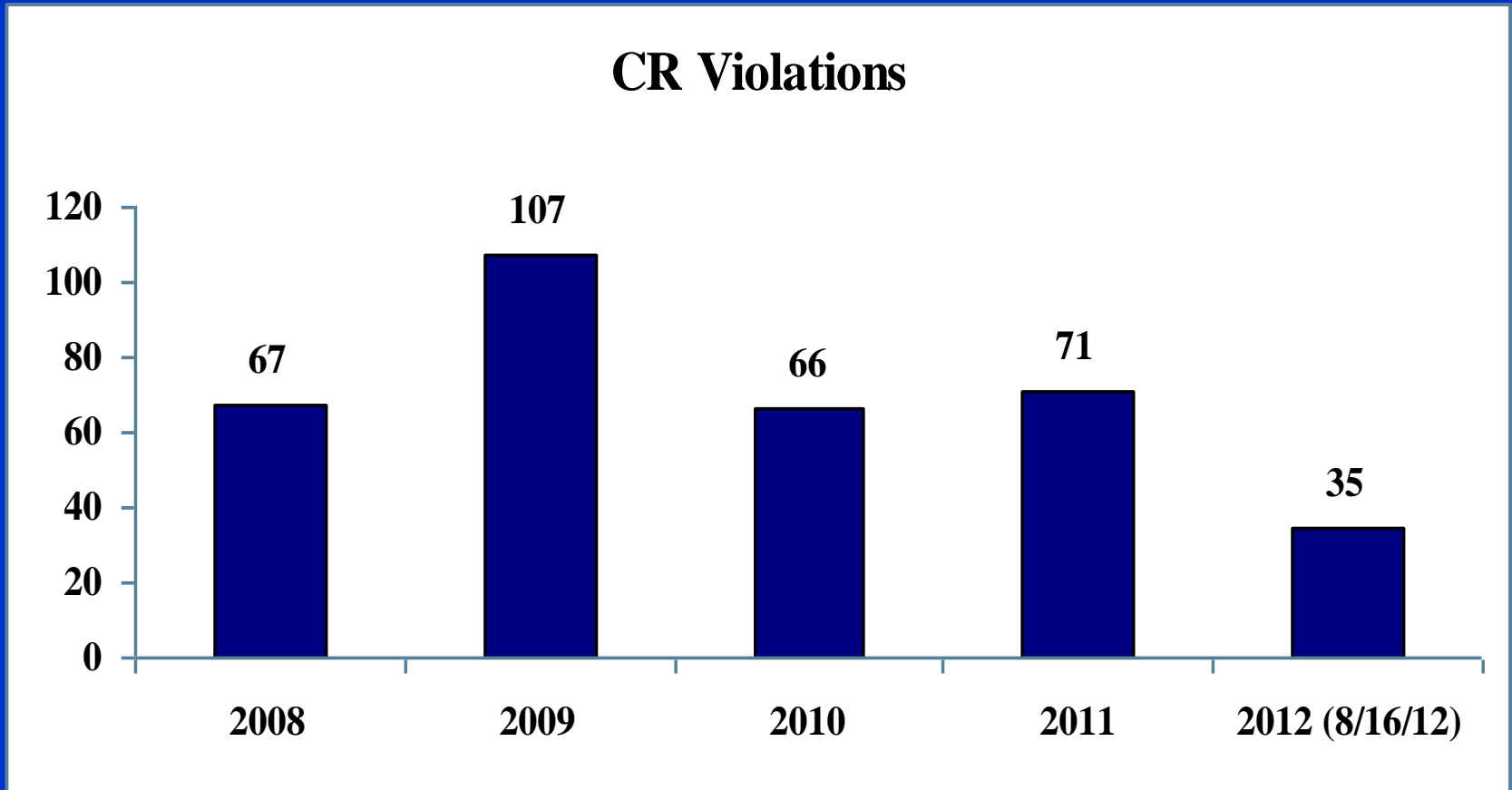
## 2011

Water Monitoring	458
Off-Permit Disturbance	330
Sediment Control	312

## 2012 (to date)

Water Monitoring	279
Sediment Control	128
Off-Permit Disturbance	124

# CONTEMPORANEOUS RECLAMATION



# Questions?

Please contact Billy Ratliff if you have any questions at [Billy.Ratliff@ky.gov](mailto:Billy.Ratliff@ky.gov)