

# A Cost-Efficient Approach for GHGRP Compliance

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# Covered today

- A) Issues & Cures
- B) Cost & Time Savings
- C) Q&A

*“There is nothing so useless as doing efficiently that which should not be done at all”*

- Peter F. Drucker

# A) Issues & Cures

# Issues

## 1) Too many systems

- Connectivity & Access issues
- Ownership & Training issues
- Lack of cascading & trust issues
- Reconciliation & aggregation issues

## 2) Inefficient workflows

- Too many 'hands' touching data
- Communication (emails & calls)
- Time lags
- Iterative processes

# Cures

## 1) Too many systems

- One-stop site
- Pull-only system
- Distributed ownership
- Lookups & standardization

## 2) Inefficient workflows

- Workflow mapping & BPR
- Tracking system tied to Windows Login
- Overnight updates
- Filter module

# Issues

- 3) Lack of consistency/standardization
  - Terminology (EPA Basins vs Divisions)
  - Classifications (gas wells vs oil wells)
  - Calculations (e.g. flowbacks, blowdowns)
  - QA methods
  
- 4) Lack of repeatability
  - Variation over time by one person
  - Variation between personnel
  - Lack of documentation
  - Personnel attrition (divisions, central)

# Cures

- 3) Lack of consistency/standardization
  - Customized lookup groupings
  - Coded criteria
  - Customized software & standardized calc
  - QA module
  
- 4) Lack of repeatability
  - Coded processes
  - Coded processes
  - Coded processes
  - Coded processes

# Issues

- 5) Reporting & eGGRT Error Tracking
  - Deciphering of DTD or XSD
  - Translation of data into XML
  - QA of XML
  - Tracking of issues, status, & responses
  
- 6) Complexity of Calculations
  - Enormity of calcs
  - Overlap between GHGRP, Permitting, NSPS  
OOOa/LDAR

# Cures

- 5) Reporting & eGGRT Error Tracking
  - MS Excel reporting
  - MS Excel reporting
  - Emissions site
  - SharePoint site
  
- 6) Complexity of Calculations
  - EPA Spreadsheets (not adopted yet)
  - Overlap between GHGRP, Permitting, NSPS  
OOOa/LDAR

## **B) Cost & Time Savings**

Benchmark	Old Model	After BPR
Personnel	6	3
Time	11 months	4 months
Man-hours	12,000	2,500
Data Availability	1 time /year	Daily
Cost Savings (Approx.)	\$940,000 / year	



**Questions?**

**Thank You!**