

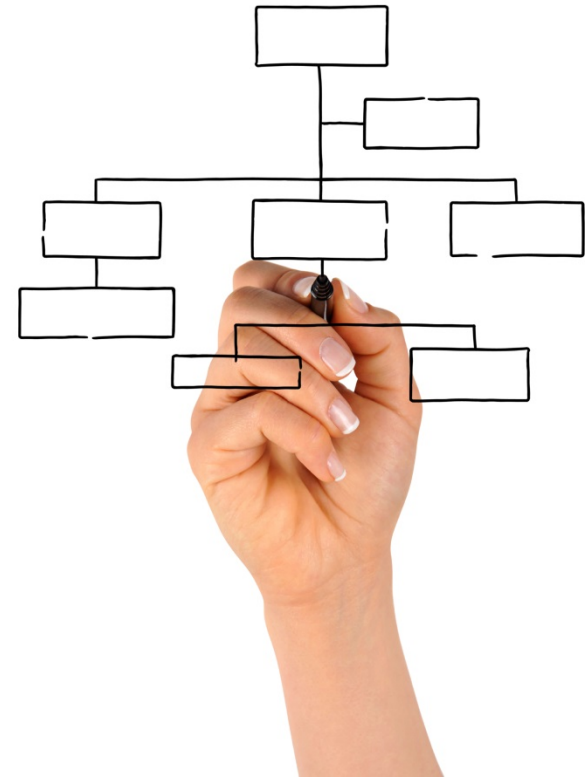
# AIR QUALITY PROGRAM

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Danny Nevarez

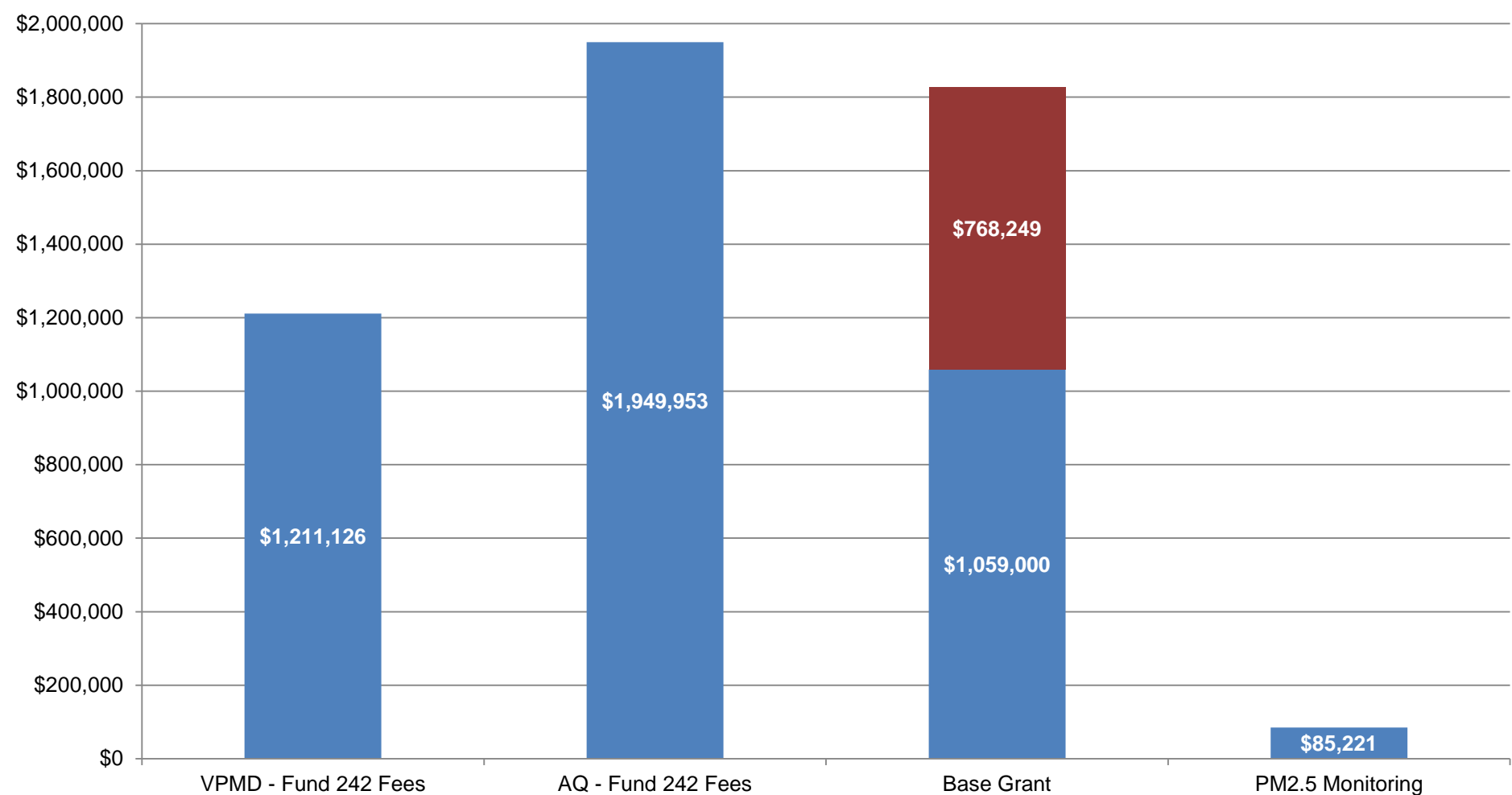
# Air Quality Divisions/Sections

- Small Business Assistance
- Permitting
- Enforcement & Compliance
- Vehicle Pollution Management
- Monitoring
- Quality Assurance
- Control Strategies
- Finance



# FY15 Special Revenue & Grant Funded

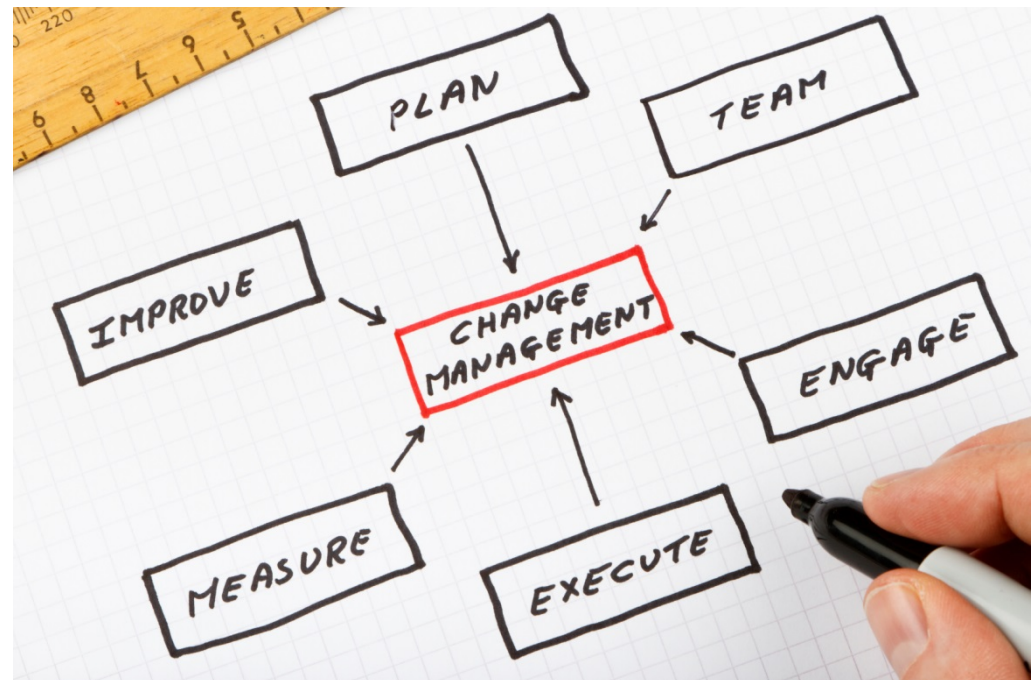
## \$5,073,549



# Business Alignment

Aligned staff, technology and process with a commonly understood set of success indicators and measures.

- Proactive
- Efficiency
- Data Governance
- Transparency
- Business Cadence





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# Accomplishments

# Purchase Request System

Environmental Health



Environmental Health

Mary Lou Leonard, Director

[Home](#) [AlbuquerqueGreen](#) [AQCB](#) [5 Year Plan](#)

[Environmental Health](#) > [Purchase Request](#)

[View All Site Content](#)

## Sites

- AlbuquerqueGreen
- AQCB
- EHD IT Projects
- 5 Year Plan

## Documents

- Administrative Forms
- EHD Documents
- Administrative templates
- EnvisionConnect Documentation

## Pictures

- EHD Pictures

## Lists

- Employee Contacts
- EHD Events
- Energy Star
- Administrative Calendar
- Finance Calendar
- Purchase Request
- Public Records Request
- Vendors
- PR Upcoming Deadlines

[Attach File](#)

**Title \***

**Division/Fund \***

**Account \***

**Dept ID(Activity #)**

**Vendor Name**

**Request Details \***

[Click for help about adding basic HTML formatting.](#)

**Pre-Approved Purchase?**

**Purchase Type \***

**Credit Card Holder**

**Purchase Amount \***

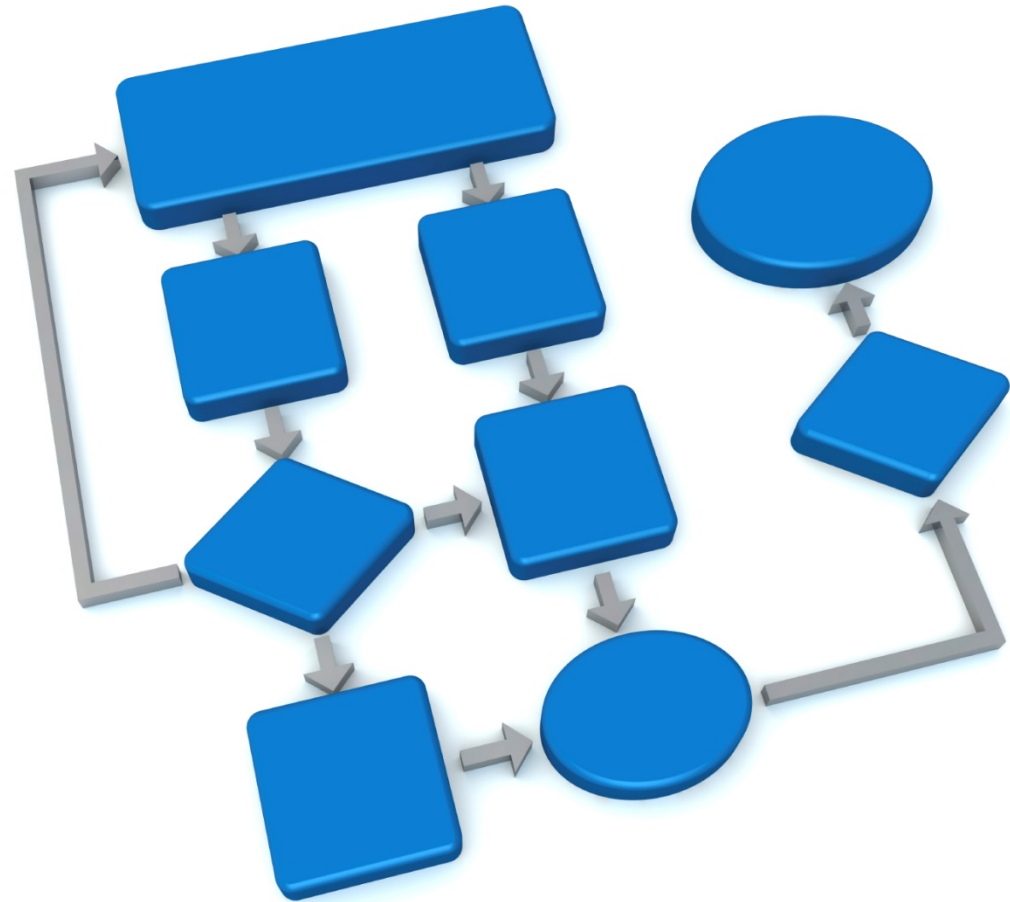
**Inventory?**

**TRC Required?**

**Attachments**

# Comprehensive System

- Permitting
- Inspection
- Enforcement
- Compliance
- Complaints
- Service Requests
- Billing



# Revenue Collection

- Mailed the invoice with the notice
- Sent out reminder notices
- Sent out late notices (with strong language)
- Hand delivered post inspection notifications
- Send to collections





# Transparency

## EC#6053 - AIR QUALITY STATIONARY SOURCE PENDING PERMITS as of 12/10/2013

	DESCRIPTION	PERMIT TYPE	RECEIVED DATE	COMPLETE BY DATE	DEEMED COMPLETE	PUBLIC COMMENT END	FORMAL ACTION DATE	DAYS SINCE DEEMED IMCOMP
<b>TAVAREZ, ISREAL</b>								
<b><u>NO APPLICATION STATUS ENTERED</u></b>								
UNIVERSITY OF NEW MEXICO DOMENICI HALL 1715-RV1	MINOR NSR - EMERGENCY GENERATOR	REVISION	12/4/13					
DELTA PERSON POWER GENERATING STATION DELTA PERSON POWER GENERATING STATION 2093-M1	OPERATING PERMIT		7/12/07					
<b><u>PUBLIC COMMENT</u></b>								
ABQ SAND & GRAVEL ABQ SAND & GRAVEL 3130	MINOR NSR	INITIAL PERMIT	10/9/13	11/08/13	11/8/13	1/7/14	2/6/14	
ABQ SAND & GRAVEL ABQ SAND & GRAVEL 3119	MINOR NSR	INITIAL PERMIT	10/9/13	11/08/13	11/8/13	1/7/14	2/6/14	
KIEWIT NEW MEXICO CO. KIEWIT NEW MEXICO CO 1479-M3	SYNTHETIC MINOR NSR	MODIFICATION	10/10/13	11/09/13	11/8/13	1/7/14	2/6/14	
<b><u>TIME FRAME NOT REGULATED</u></b>								
BIMBO BAKERIES USA, INC BIMBO BAKERIES USA, INC 2095-M1-RV1	OPERATING PERMIT	MODIFICATION	12/3/13	02/01/14				
VITALITY WORKS, INC. VITALITY WORKS, INC. 1967-RV1	REGISTRATION	REVISION	10/2/13					
LAUN DRY SUPPLY COMPANY LAUN DRY SUPPLY CO 3124	REGISTRATION	INITIAL PERMIT						
UNIVERSITY OF NEW MEXICO BMSB-BRF-CRF EMERGENCY GENERATOR 1809-M1-RV1	MINOR NSR - EMERGENCY GENERATOR	REVISION	12/5/13					
UNIVERSITY OF NEW MEXICO UNM FORD UTILITIES CENTER 1662-M1-RV1	MINOR NSR - EMERGENCY GENERATOR	REVISION	8/30/13					
<b>TAVAREZ, ISREAL      Pending Permit Count - 10</b>								
<b>Permits Issued FYTD</b>								
	MINOR NSR - EMERGENCY	MINOR NSR - GAS STATION	REGISTRATION	RELOCATION	SYNTHETIC MINOR NSR	Total		
# Permits Issued	1	22	5	2	1	31		
Completed past regulatory time	0	0	0	0	0	0		

# Data Governance

- Load Balancing
- Accountability
- Transparency
- Recognize a job well done
- Early detection



Director and staff can look at the same report, determine success and understand how they contribute

# Compliance Assistance

- Non-compliance is expensive
  - Staff time
  - Attorney time
  - Public Records Request
  - Meeting Time
- Compliance leads to:
  - Better Air Quality
  - More focused Resources



# Real Time Monitoring

- Particulate Matter Alerts
  - Real-Time alerts
  - Conduct further inspection
  - Proactive
  - *Cameras*



# Emissions Inventory

- **SLEIS – on-line software**
  - **Larger Permits**
    - 100% of required
  - **Smaller Permits**
    - Higher resolution
    - Hired Emissions Specialist
    - Increased participation 18% to 85%





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# Looking Forward



# Mobile Inspections



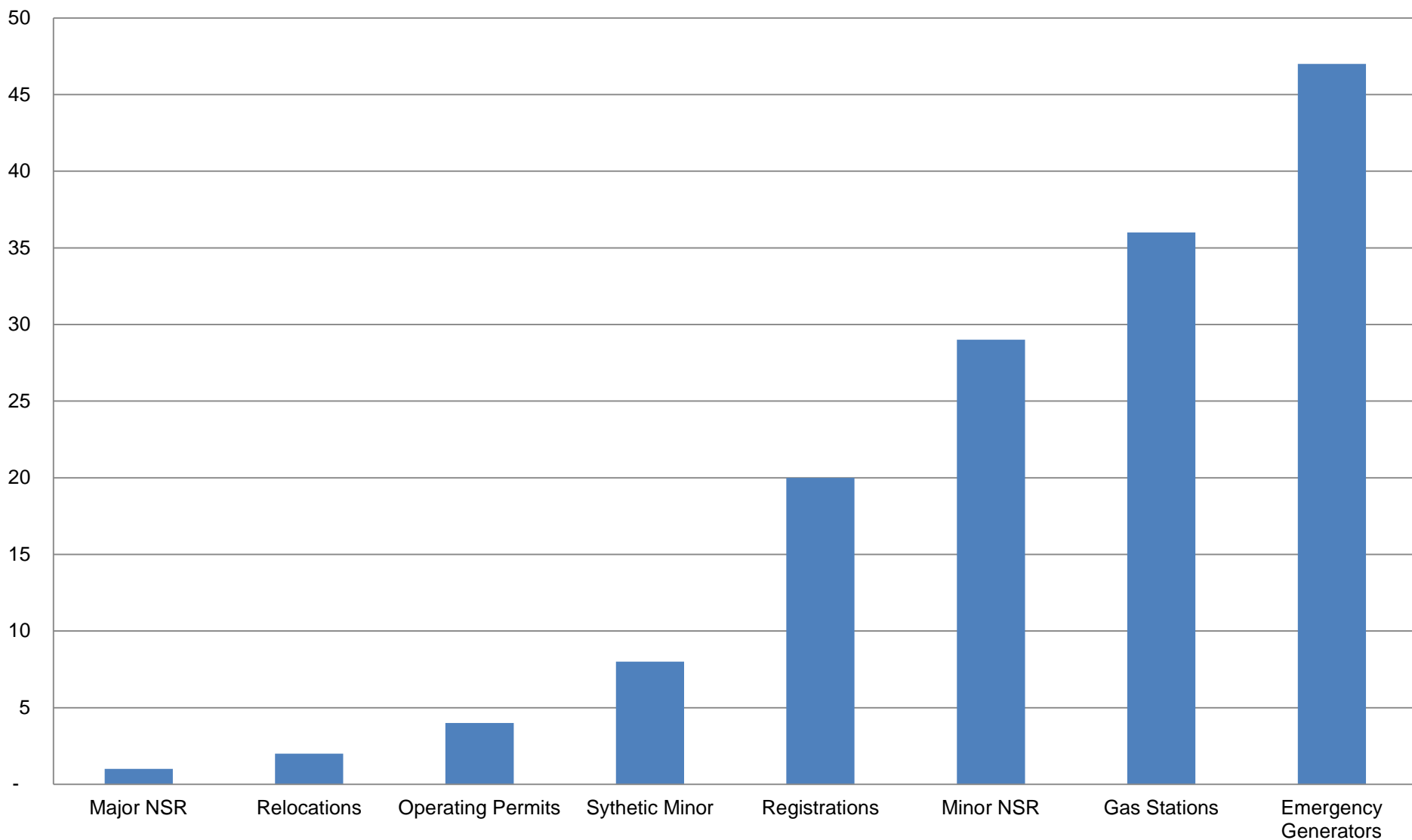
# Air Quality Control Board

- Electronic Document Storage
  - IPAD's
  - Drop box
  - Less Paper
  - More mobile
  - Searchable



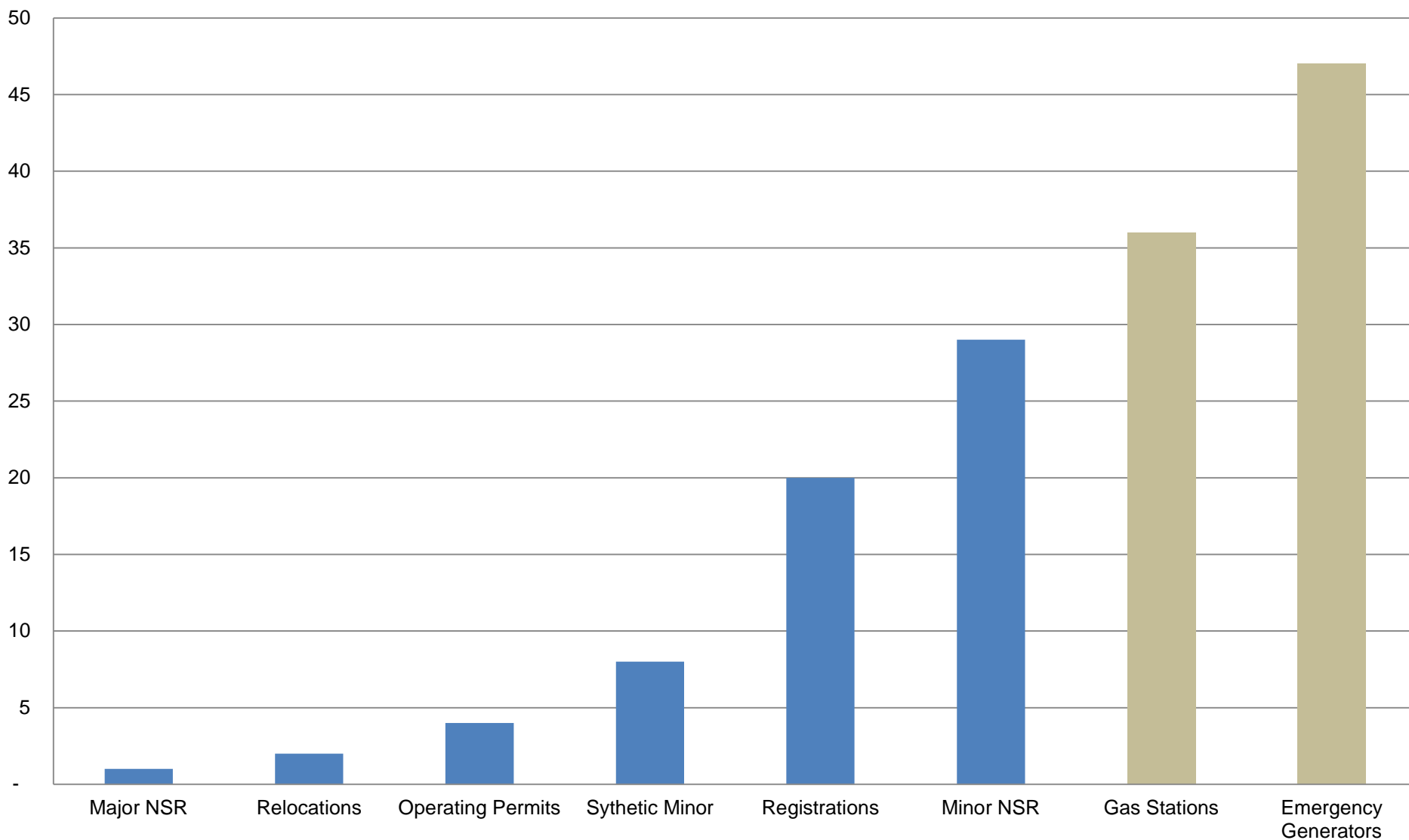


# Stationary Source Permits



# Stationary Source Permits

56%



# On-line vs. In-line

- On-line Application
  - Submit application on-line
  - Interact through on-line system
  - Attach documents
  - Pay on-line



# General Permit

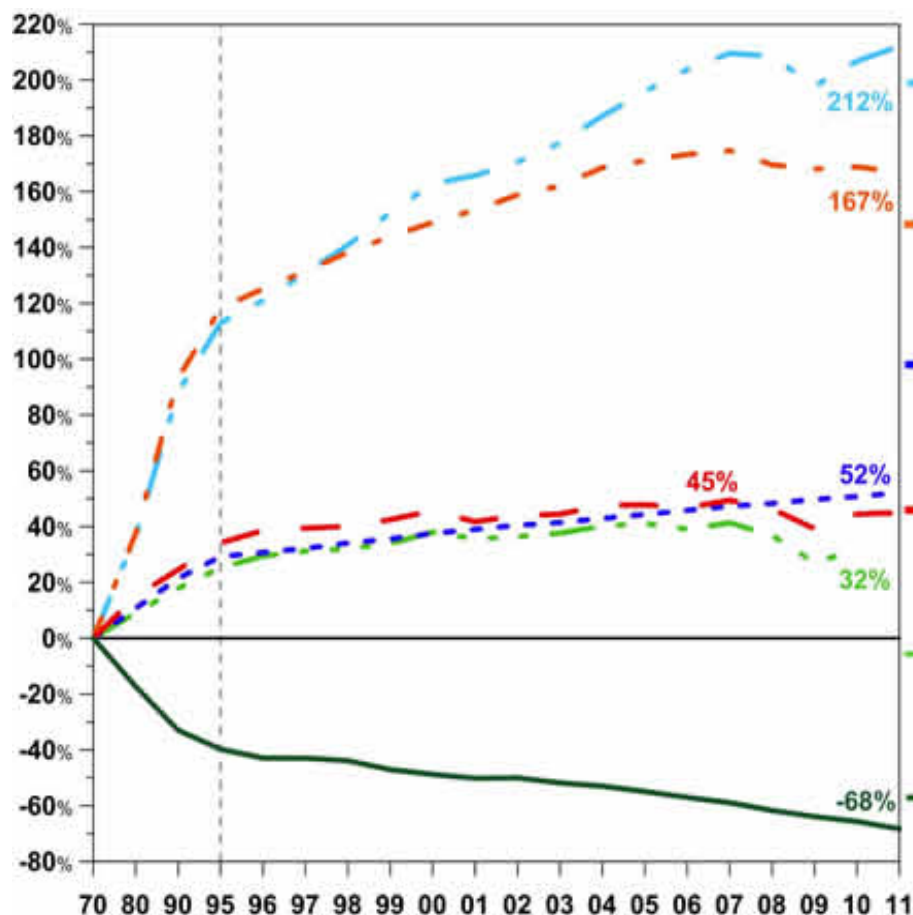
- Specific class of sources (Backup Generator)
  - Pre-process a general permit that includes the most stringent, monitoring, recordkeeping, and reporting requirements
  - AQP would go through public notice and outreach to allow the public and regulated community opportunity to comment
- If approved:
  - Community benefits by permittees taking on the most stringent requirements
  - Businesses can get their permits faster/on-line
  - AQP process utilizes less resources and time

# Health Alerts

- Currently issue health alerts:
  - Media
  - Clear Channel
  - On-line sign up to receive health alerts
- Outreach to most sensitive populations
  - Daycare centers
  - Schools
  - Senior Centers

# It Really Does Work

(Source: <http://www.epa.gov/airtrends/images/comparison70.jpg>)



Gross Domestic Product



Vehicle Miles Traveled



Population



Energy Consumption



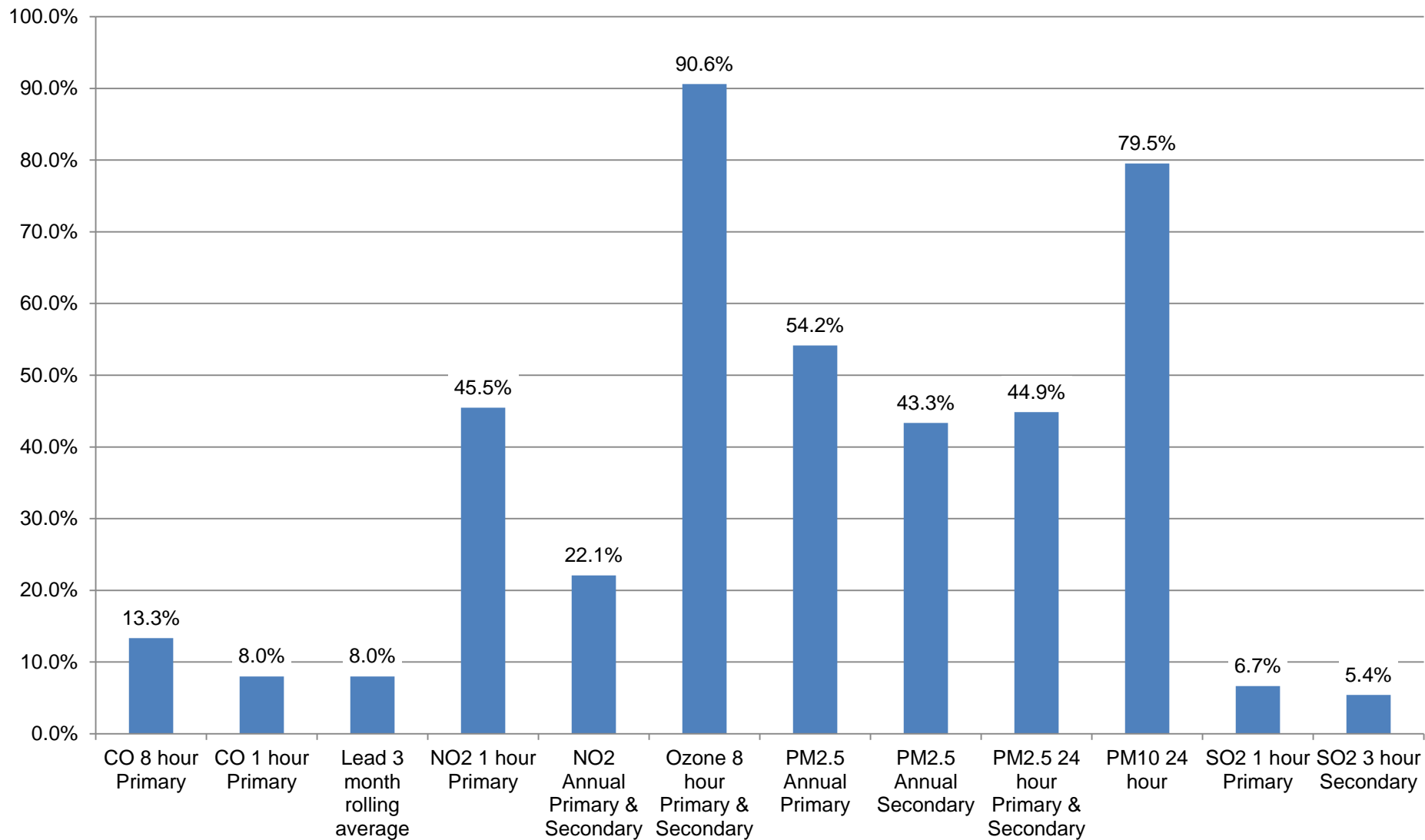
CO<sub>2</sub> Emissions



Aggregate Emissions  
(Six Common Pollutants)

# City of Albuquerque/Bernalillo County Criteria Pollutant Design Values as a Percentage of the National Ambient Air Quality Standards for Year 2014

Data from the EPA AQS Database based on the NAAQS



# Environmental Justice (EJ)

- Working with Region 6 Environmental Justice Office
- Hired temporary EJ research staff
- EJ Screen
- Grants for community scale monitoring (2009)
- Civil rights complaint



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# Questions?