

Solid Waste: This, That, and Whatever

**SWANA Roadrunner Chapter
Albuquerque, NM
December 9, 2011**

**Butch Tongate
Deputy Secretary, NMED**

Biography – The Early Years

- **Ages 0 thru 18; Meadow, Texas**
- **Son of a cotton farmer**
- **Graduating class of 21**
- **Major lessons learned:**
 - 1. You can't hide your broccoli in your glass of milk (age 4)**
 - 2. A career in farming was not for me (age 12)**

Solid Waste Bureau Stuff

- **2011 Operator Certification Courses**
- **Landfill – 53 students**
- **Transfer station – 71 students**
- **Recycling – 65 students***
- **Composting – 65 students**

Solid Waste Bureau Stuff

- **2011 Diversion Rate = 17%**
- **2011 Recycling Rate = 16%**

Solid Waste Bureau Stuff

- **NMED and NM Recycling Coalition helped establish 3 recycling programs:**
 - **Northwestern NM Regional Solid Waste Association**
 - **Truth or Consequences**
 - **Raton**

Solid Waste Bureau Stuff

- **Permits under review in 2011**
 - **High Desert Landfill (Nov. 9 Motion to Hold Permit in Abeyance granted)**
 - **City of Socorro Landfill (New Permit)**
 - **Southwest NM Regional Landfill (Silver City) Modification to accept Sludge**
 - **Clovis Landfill—Renewal and Modification (Lateral expansion and Special Waste)**

Solid Waste Bureau Stuff

- **Permits under review in 2011**
 - **NMRT Transfer Station and Processing (Recycling) Facility (Bernalillo County denied zoning request; on hold until zoning change granted)**
 - **Mountain View Eco-Station (Bernalillo County)**
 - **Taos Regional Landfill –Modification to accept Sludge**

Solid Waste Bureau Stuff

- **Permits issued**
 - **Camino Real Landfill; January 2011**
 - **Mesa Verde C & D Landfill Renewal and Mod (Lateral Expansion); July 2011**
 - **Valencia Regional Landfill and Recycling Facility Modification - RD&D; July 2011**
 - **Lea Land Inc. Landfill - Renewal and Modification; November 2011**

TIRE GRANTS FY 2011-2012

Applicant	Description	Award
Albuquerque	Design and construct tire loading and storage area	\$81,716
EVSWA	Tire dump abatements	\$108,629
Estancia	Purchase ground rubber for community park	\$4,090
Greentree SWA	Construction of portion of tire bale fence	\$44,680
Otero County	Construct portion of tire bale fence; purchase tires	\$58,000
Rio Arriba County	Purchase tire de-rimmer	\$19,000
Santa Rosa	Purchase transport container for tires	\$7,250
Socorro County	Purchase 2 rolloffs; Tire dump abatement	\$77,290
Taos Landfill	Construct a shelter for tire recycling	\$55,000
Taos Parks	Purchase ground rubber for community playground	\$44,345
TOTAL		\$500,000

Solid Waste Bureau Stuff

Applicant	Project Title	Award
Corrales	Bosque illegal dumping clean-up & prevention	\$13,976
Luna County	Illegal dumping clean-up, prevention, & education	\$8,000
Santa Fe County	Surveillance camera for illegal dump sites	\$6,050
San Felipe Pueblo	Illegal dumpsite clean-up	\$3,910
Socorro County	Illegal dumpsite clean-up and education	\$42,000
Angle Fire	Purchase recycling trailer for new "recycle park"	\$20,535
Bernalillo County	Compactor for organics diversion	\$43,909
Estancia Valley SWA	Recycling roll-off containers	\$40,430
Anton Chico	Illegal Dumping clean-up and signage	\$25,000
Raton	Recycling Trailer design and build contest	\$25,000
Sandoval County	Recycling trailer for rural areas	\$11,190
Santa Ana Pueblo	Fencing for new recycling center	\$10,000
12		\$250,000

Solid Waste Bureau Stuff

RESPONDENT	ISSUE DATE	STATUS	PENALTY ASSESSED	PENALTY PAID (OR BEING PAID)	COMMENTS
Tire Hauler	1/3	Closed	\$0	\$0	Hauler revocation; no penalty assessed
Medical Center	1/19	Closed	\$14,000	\$8,000	IW case; penalty paid
Medical Center	3/9	Closed	\$21,400	\$21,400	IW case; penalty paid
Medical Center	5/3	Closed	\$2,025	\$2,025	IW case; penalty paid
Landfill	6/16	Closed	\$15,000	\$7,500	F/A case; penalty paid
Medical Center	7/12	Closed	\$14,250	\$14,250	IW case; penalty paid
Waste Hauler	8/22	Settled	\$1,000	\$750	Unregistered hauler case; penalty being paid in installments
Landfill	9/9	Settled	\$64,000	\$36,000	Landfill operations case; penalty paid
		TOTALS	\$131,675	\$89,925	

Biography – The “UnCollege” Years

- **Ages 18 thru 21; Annapolis, Maryland**
- **Midshipman, U.S. Naval Academy**
- **Graduating class of 888**
- **Major lessons learned:**
 - 1. Success in the military is directly correlated to how well you shine your shoes.**
 - 2. Your limits aren't where you think they are.**

NMED's Mission

**Promote a safe, clean, and
productive environment
throughout the state**

NMED General Goals

- **Protect the environment and public health using responsible regulation while balancing economic development and employment growth**
- **Implement a comprehensive program of outreach, permitting, inspection, and enforcement**
- **Articulate rules, regulations, and expectations clearly so that all parties can set priorities and make informed decisions**
- **By open and direct communication, carry out the mandates and initiatives of the Department in a fair, objective, consistent, and predictable manner**

NMED Budget

	<u>FY11</u>	<u>FY12</u>
State General Funds	\$14.7 M	\$11.4 M (22.5% reduction)

	<u>FY12</u>
● Total Budget	\$72.1 M
● General Fund	\$11.4 M (15.8 % of Total)
● Federal Funding	\$19.6 M (27.2% of Total)
● Special Revenue Funds	\$41.1 M (57.0% of Total)

NMED Staffing

Authorized Positions	673
Vacancies	130
Vacancy Rate	19.2%
SWB Vacancy Rate	29.6% (8 of 27)

New Strategies

- **Implement:**
 - **Internet-based permitting and filing**
 - **A small business task force to address permitting issues and pollution prevention**
 - **A “Tiger Team” interagency approach to attack complex problems**
 - **NMEMNRD/NMED collaboration on permitting**
- **Establish a customer satisfaction survey to obtain stakeholder input and feedback**

Biography – The “Traveling” Years

- **Ages 22 thru 40; VA, CA, VA, FL, VA**
- **Wife, four kids**
- **US Marine Corps, Hughes Aircraft Co., Self-employed**
- **Major lessons learned:**
 - 1. Life is too short to spend large chunks of it in bumper-to-bumper traffic.**
 - 2. Sometimes bad things turn out to be good things.**

NMED Reorganization



- **Reduction from 10 exempt positions to 6 exempt positions**
- **Combined Field Operations Division and Water and Wastewater Infrastructure Division**
- **Reduced number of attorney positions from 14 to 11**

Major Accomplishments - 2011



- **Worked closely with EPA and LANL to collect, analyze, and publish real time air quality data during the Las Conchas fire**
- **The “Dairy Rule” for groundwater protection was amended following successful negotiations between the dairy industry, environmental groups, and NMED**
- **Initiated expedited remediation of Kirtland AFB Bulk Fuel Facility Spill in coordination with other government agencies**

Major Accomplishments - 2011



- **Chevron Questa Mine remediation plan being developed jointly by NMED, EMNRD, EPA, and Chevron**
- **Working with Department of Energy to address accelerated removal of above ground transuranic waste from LANL**
- **Successfully completed the Lower Santa Fe River restoration project**

Major Accomplishments - 2011



- **Awarded \$1.7 million of ARRA funds for diesel reduction projects, including purchase of new clean vehicles for county governments**
- **Worked with the NM Municipal League to raise awareness of excavation dangers faced by municipal workers statewide**
- **Approved closure plans and placed final caps on three old unlined landfills that were required to close in 1997; two others underway**

Major Accomplishments - 2011



- **Worked with FDA to track source of Listeria-contaminated cantaloupe and remove contaminated products from supply chain**
- **Conducted 22 WIPP/Hazardous Materials Hospital Training Workshops, training 542 hospital and emergency response personnel**
- **Signed an MOU with the Indian Affairs Dept to assist with the Tribal Infrastructure Fund application and evaluation process**

Major Accomplishments - 2011



- **Created Permit Process Task Force to improve customer service and simplify process for applicants**
- **Entered into 3 new leases for field offices that provides better facilities at lower costs and increased security**
- **Testified in EIB hearing to repeal Cap & Trade rules**

NMED Field Staff

Our knowledgeable and capable staff look forward to serving the public.

ENVIRONMENT DEPARTMENT DISTRICT IV



Solid Waste is Hazardous!

Fatalities per 100,000 employees

(Bureau of Labor Statistics 2009 (preliminary))

1. Fishers and related workers – 200.0 [56 fatalities]
2. Logging workers – 61.8 [34 fatalities]
3. Aircraft pilots and flight engineers – 57.1 [63 fatalities]
4. Farmers and ranchers – 38.5 [293 fatalities]
5. Roofers – 34.7 [60 fatalities]
6. Structural iron and steel workers – 30.3 [18 fatalities]
7. Refuse & recyclable material collectors - 25.2
[19 fatalities (down from 31 last year)]
8. Industrial machinery maintenance workers – 18.5 [81]
9. Driver/sales workers and truck drivers – 18.3 [586]
10. Construction laborers – 18.3 [224 fatalities]

Solid Waste is Hazardous!

Nonfatal Occupation Injury and Illness Incidence Rates – 2009

(# incidents per 100 full time workers)

	<u>US</u>	<u>NM</u>
All industries (private only)		3.6 4.2
All industries (incl. Gov't)		3.9 4.8
State government	4.6	6.3
Local government		6.3
8.6 !		
Local gov't-solid waste		-
29.4 !!		



.....for the 10th year in a row!