

**SWANA Roadrunner Chapter
Annual Meeting**

Friday, December 9, 2011
Embassy Suites Hotel La Ventana Room
Albuquerque, NM

Submitted by JoAnne Weaver, Executive Secretary
Reviewed by Teri Monaghan, Secretary and Jerry Kamieniecki, Communication
Chairman

*Asterisks indicate that copies of the Annual Meeting Presentations are posted on the
<http://www.nmswana.com> website.

General Membership and Friends Attendance: Chuck Akeley, Travis Apodaca, Jim Blasing, Danita Boettner, Alan Brandon, Suzanne Busch, Erine Byers, Jack Chappelle, Alex Coriz, Michael Crepeau, Jake Daugherty, Toni Duggan, James Dyer, Charles Fiedler, Shote Forrester, Billy Gallegos, Alberto Guardado, Jerry Kamieniecki, Heather Kie, Clay Kiesling, Greg Larson, Lawrence Lucero, Ben Martinez, Scott McKirick, Suzanne Michaels, Teri Monaghan, Marcus Montoya, Mary Morgan, Stephen Miceli, Alex Mora, Teresa Musial, Terry Nelson, John Offersen, Leonard Otero, Tom Parker, Connie Pasteris, Marcia Pincus, David Robinson, Gino Romero, Michael Sers, Rick Smith, Danny Zamora and JoAnne Weaver

Presenters: Danita Boettner, Jill Holbert, Jeffery Kaplan, Marcia Pincus, Butch Tongate and Delilah Walsh.

I. Continental Breakfast and Networking

Everyone participated in the Embassy Suites Continental breakfast while registration and networking took place before the Annual Meeting.

II. 2011 NM Chapter Highlights--Summary of Chapter Election Results*

Marcia Pincus, Outgoing President, Presented the 2011-year in summary as follows:

- A.** Recognized and thanked the 2010-2011 officers and committee chairs.
- B.** Treasurer's Report: Saving and Checking Accounts, \$31,065; Investment, \$11,509; Year-to-date net income, \$7,460.
- C.** What the Chapter did in 2011:
 - January 2011: Legislative passage of the 20-year permits renewal for privately-owned landfills.
 - July 2011: Planning retreat to discuss plans for 2013 Arid Climate Symposium (ACS).
 - September 2011: Special NMED Meeting in Santa Fe.
 - October 2011: Second Regional Roundtable in Las Cruces.



- December 2011: Annual Meeting and Regional Roundtable.
- Training: Two Landfill Operator Certification courses in Albuquerque and Las Cruces; One Transfer Station Operator Certification courses in Santa Fe.
- Three training test scores of 100%: Mark Dear (September 2010 landfill course), Travis Apodaca (June 2011 Transfer Station course), and Stephen Miceli (November 2011 Transfer Station course).

D. Plans for 2012:

- Hold one or two roundtable sessions in the NE, SE or NW regions of the state.
- Continue to host four training classes.
- Increase membership from 79 to near 100.
- Make decision as to whether or not to continue to hold an annual Road-e-o.
- Continue plans for 2013 ACS.
- Determine the benefits of continuing to be a chapter of National SWANA.

E. Election of Officers and Committee Chairmen for 2012-2013:

- Danita Boettner – President
- David Robinson – Vice President
- Charles Fiedler – Treasurer
- Teri Monaghan – Secretary
- Terry Nelson – International Board Representative
- Marcia Pincus - Past President
- Connie Pasteris/Joseph Ellis – Education Committee
- Jerry Kamieniecki – Communications Committee
- Teri Monaghan – Membership Committee
- Tom Parker – Officer at Large
- JoAnne Weaver – Executive Secretary

III. Albuquerque's New Partnership with Friedman Recycling

Jill Holbert, Director, Solid Waste Management Department, City of Albuquerque presented as follows:

A. Albuquerque Waste Management

- Recycling vs. Landfill
 - ~5% Diversion Rate
 - ~24,450 Tons Recycled
 - ~566,953 Tons Landfilled
- Percentage of Disposal
 - ~Businesses—46%



- ~Residential—40%
- ~Transfer—11%
- ~Other—3%

B. Integrated Waste Management Plan—Timeline to Diversion

- 2010-2012:
 - ~MRF Development
 - ~PAYT Rate Structure
 - ~Cart-based Recycling
 - ~Backyard Composting
- 2012-2015:
 - ~Commercial Recycling Equipment
 - ~New Convenience/Transfer Station
 - ~Subscription Yard Waste Collection
- 2015-2020
 - ~Resource Recovery Park

C. COA Opportunities for Change

- Residential Collection
 - ~Pay As You Throw- PAYT
 - o Choice of 2 cart sizes for trash
 - - 48 to 96 Gallon
 - - Price based on size
 - - Less trash = Less cost
 - ~Cart Based Recycling Collection
 - o All recyclables in cart except glass
 - - Convenience
 - - Recycle more = Smaller trash cart = Less cost

D. Increased Diversion Before & After PAYT

	Before	After
ABQ	5%	
Ft Worth, TX	6%	21%
Ft Collins, CO	17%	27%
Austin, TX	20%	31%

E. Materials Recovery Facility (Proposed for Albuquerque Area)

- Public/Private Partnership
 - ~Maximize efficiency
 - ~Maximize materials value
 - ~Limit costs
- Proven Success
 - ~El Paso
 - ~Phoenix
 - ~Denver



~Flagstaff

F. Why a Public-Private Partnership?

- Integrated Waste Management Plan (2010)
 - ~Most cost-effective
 - ~Minimizes City exposure to capital costs & market volatility
 - ~Revenue sharing component
- Regional facility required for economies of scale
- Recycling industry norm

G. Public-Private MRF Background

- RFP was issued and closed November 2010
- Eight proposals were received
- Mayor recommended & Council approved Friedman Recycling

H. MRF Scope of Work

- Capitalize, site, construct & operate a single-stream MRF
- Receive, sort, process, store, market, sell & transport recyclables collected by the City's recycling programs

I. Friedman's Strengths

- Provides for innovative comprehensive program beyond construction & operation of a MRF
- Proposes an aggressive implementation schedule
- Includes an excellent public education plan
- Includes an experienced team = 31 jobs
- Demonstrates an excellent safety record
- Expands number of materials accepted for recycling

J. Additional Materials—Friedman

- Cereal/Cracker Boxes
- Phone Books
- Plastics # 3- # 7
- Milk Cartons/Juice Boxes
- Rigid Plastic
- Small E-waste
- Pots & Pans
- Small Metal Appliances
- Books

K. Projected Budget Impact

- SW Enterprise Fund covers a net-cost of about \$67.44 per ton for the IPF
- The cost/revenue share variables:
 - ~Number of tons delivered by the City
 - ~Recycling market fluctuations
- SWMD's net cost during the transition period (FY'12) will be \$17.50 per ton, a savings of nearly \$50 per ton
- SWMD's projected net gain for the first year of full MRF operation will be ~\$768K

L. Twenty-two City IPF Positions



- No City employee lost their job
- 5 positions remain at landfill
- 2—Solid Waste Supervisor s—filled vacancies
- 2—Commercial collection driver s—filled vacancies
- 7—Transferred to Cart/Bin distribution replaced temp employees
- 6—Vacant positions eliminated

M. Next Steps

- A new MRF is a critical first step in expanding recycling in Albuquerque
- With MRF contract & savings, SWMD can begin to expand residential recycling cart program citywide
- No impact to the residential rate (envisioned)

N. Milestones to Fully-Automated Recycling

- Closed IPF November 2011
- Expand pilot by 21K households in March 2012
- Total pilot 31K households
- Friedman MRF operational by end of 2012
- Begin citywide cart rollout by end of 2012
- Complete rollout to 176K households in 3 to 6 months

IV. Little Dam Arroyo Tire Bale Storm Water Reinforcement Project

Danita Boettner, Project Engineer/Manager, CDM, presented as follows:

A. The Major Parties Involved in this Project:

1. City of Albuquerque – Property Owner
2. City of Las Cruces – Within City Limits
3. New Mexico Environmental Department
4. NMED—Solid Waste Bureau
5. RAID—Grant Administrator
6. South Central Solid Waste Authority

B. Location of the Little Dam Arroyo

1. East of I-25
2. E. Lohman and Paseo de Onato
3. Old Landfill Area Used in the 1950's and 1960's
4. Blight to the Public
5. Next to an Affluent Neighborhood
6. Landfill Erosion Due to Monsoons

C. South Central Solid Waste Authority

1. Assisted in Baling a 50,000+ Tire Pile
2. Obtained and Facilitated a RAID Grant for permitting, design and construction

D. Tire Grant and Permitting Requirements

1. Civil Engineering Application Permit



- Facility Plans, Elevation, Drawing, Cross-Sections (sealed)
- Emergency Contingency Plan
- Authorization from the US Army Corp of Engineers

E. US Army Corp of Engineers (USACE) – Section 404 Nation-wide Permit 13: Bank Stabilization Permit

1. Non-reporting Determination Obtained
2. Pre-construction Notification Ultimately Required for NMED

F. Project Completion Summary

1. Focused on Worst of the Problem
2. Others to Complete the Total Project

G. Conclusions

1. Permitting is a large effort for the size of the project—but do-able
2. Utilized City of Las Cruces pre-approved contractor
3. Design revisions to accommodate contractor bid and grant funds obtained
4. The design was flawless—no change orders
5. Twenty thousand tire bales utilized
6. Total Grant: \$144,200 (one of the largest successfully administered during one grant cycle)

V. Illegal Dumping Solutions and Option from Other Locals

Jeffrey Kaplan, General Services & Solid Waste Director, Village of Ruidoso, presented as follows:

A. Amnesty Events

- Used Tire Amnesty Weekend—Lincoln County/Mescalero Residents and Public Agencies
- Lincoln County E-Waste Event by Greentree Solid Waste Authority, Ruidoso Downs, NM

B. Cash for Trash

- City of Corpus Christi—Large waste buyback program
- Cash for Trash - City of Tallahassee
- Keep Knoxville Beautiful—Knoxville, TN
- Cash for Trash—SPI, TX
- Cash for Trash—Colorado Sprints, CO
- Cash for Trash—Pompano Beach, FL

C. Environmental Court

- Solid Waste Enforcement—Miami, Dade County, FL
- Code Enforcement—City of Corpus Christi, TX
- Albuquerque Code Enforcement—Albuquerque, NM



- Animal Cruelty Hearings—Corpus Christi, TX

D. Trash and Recycling Centers

- Miami, Dade County, FL (Earth 911)
 - ~Materials Accepted
 - Asphalt, Brick, Brush, Ceiling Tiles, Ceramic Tiles, Christmas Trees, Concrete Construction Debris, Construction Materials (Non-reusable), Doors, Fixtures
 - Grass Clippings, Gypsum Drywall, Hardware, Leaves, Linoleum, Lumber, Porcelain Products, Shingles, Stones, Tile, Tree Trimmings, Used Motor

Oil

Used Tires, Weeds, Windows, Wood. Yard Waste.

VI. Use of Tire Grant Funds to Clean-up Illegal Tire Dumps in Socorro County

Delilah Walsh, Socorro County Manager, presented as follows:

A. Planning helped Socorro County in

- Understanding the enormity of the problem in the county
- Identify what equipment the county lacked
- Recognize what resources the county did have available
- Be ready when the RAID grant cycle opened

Socorro County's Solution: *Illegal Tire Abatement, Remediation and Prevention Plan*

B. What was the Problem?

- Scrap and waste tires
 - ~Pose a serious health and safety threat
 - ~Are an environmental issue
 - ~Are an aesthetic blemish in our open lands
 - ~Create breeding grounds for rodents and mosquitoes
- The tire piles had existed in the northern portion of the County for nearly 20 years
- Their existence leads to the growth and creation of new piles
- The problem is not going away

C. Objectives—What was the Goal?

- Abatement
 - ~Administrative Structure
 - Solid Waste Disposal Ordinance
 - Remediation Staff
 - Joint Agency Participation
 - ~Identification of Illegal Stockpiles



- Community Members, Media
- Commissioners, Road Crews, Solid Waste Drivers, Appraiser's from Assessor's Office, Rural Addressing
- ~Enforcement
- ~Financial Impact and Requirements
- Remediation
 - ~Removal of Tires
 - Land Access Agreements
 - Inmate Labor
 - Contracted Work
 - ~Alternative Uses for Tires
 - ~Financial Impact and Requirements
 - Project Costs
 - Landfill and Disposal Fees
- Prevention
 - ~Enact New Ordinances or Modify Old Ordinances
 - BOCC passed the *Tire Import* Ordinance following the first grant cycle
 - ~Enforcement
 - Commissioners have begun declaring health hazards at sites
 - ~Education
 - Media, Signage and Brochures
- Recycling
 - ~Recycling Equipment
 - ~Recycling Locations
 - ~Recycling Projects
 - Use of Transfer Stations
 - Permitted Tire Bale Projects

D. Summary

With proper planning and resources such as NMED's, RAID grants and agency partnerships,

- Abatement
- Remediation
- Prevention
- Management is possible

Contact Information:



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VII. Solid Waste in NM: This, That & What

Butch Tongate, Deputy Secretary, NMED, began his presentation with a brief biography:

Spent ages 0 – 18 in Meadow, TX, was the son of a cotton farmer, graduated in class numbering 21 and learned the following major lessons:

- You can't hide your broccoli in your glass of milk (age 4)
- A career in farming was not for him (age 12)

A. Solid Waste Bureau Stuff

- **2011 Operator Certification Courses**

- ~Landfill – 53 Students
- ~Transfer Station – 71 Students
- ~Recycling – 65 Students
- ~Composting – 65 Students

- **2011 Diversion Rate = 17%**

- **2011 Recycling Rate = 16%**

- **NMED and NM Recycling Coalition (NMED) helped establish 3 recycling programs**

- ~Northwestern NM Regional Solid Waste Association
- ~Truth or Consequences
- ~Raton

- **Permits Under Review in 2011**

- ~Tire Grants for 2011 = \$500,000
- ~Project Grants = \$250,000
- ~Penalties Assessed in 2011 = \$131,675
- ~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)



- ~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

- **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

B. Tire Grants For Year 2011-2012

- \$500,000 Tire Grants for 2011-2012
- \$250,000 For Various Other Projects
- \$131,675 in Penalties Accrued

Butch continued his biography for the “Uncollege” Years as follows:

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

C. NMED’s Mission

Promote a Safe, Clean, and Productive Environment throughout the State

D. 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

E. NMED Budget

FY-11 FY-12



State General Funds \$14.7 M \$11.4 M (22.5% reduction)

FY-12

Total Budget

\$72.M

General Fund

\$11.4M (15.8% of Total)

Federal Funding

\$19.6 M (27.2% of Total)

Special Revenue Funds

\$41.1 M (57% of Total)

F. NMED Staffing

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

G. 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
- ~NMEDMRD/NMED collaboration on permitting

• **Establish a customer satisfaction survey to obtain stakeholder input and feedback**

Biography Continued: 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:
 - ~Life is too short to spend large chunks of it in bumper-to-bumper traffic
 - ~Sometimes bad things turn out to be good things

H. 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

I. 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 and expedited remediation of Kirtland AFB Bulk Fuel Facility Spill in coordination with other government agencies
- Chevron Questa Mine remediation plan begin 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
- Awarded \$1.7 million of ARRA funds for diesel reduction projects, including purchase of new clean vehicles for county governments
- Worked with NM Municipal League to raise awareness of excavation dangers faced by municipal workers stateside
- Approved closure plans and placed final caps on three old unlined landfills that were required to close in 1997; two others underway
- 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 Department to assist with the Tribal Infrastructure Fund application and evaluation process
- 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

J. NMED Field Staff

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

K. Solid Waste is Hazardous!

Fatalities per 100,000 employees -Bureau of Labor Statistics 2009 (preliminary)

- Fishermen and related workers—200.0 (5 fatalities)
- Logging workers—61.8 (34 fatalities)
- Aircraft pilots and flight engineers—57.1 (63 fatalities)
- Farmers and ranchers—38.5 (293 fatalities)
- Roofers—34.7 (60 fatalities)
- Structural iron and steel workers—30.3 (18 fatalities)



- REFUSE & RECYCLABLE MATERIAL COLLECTORS—25.2 (19 fatalities-down from 31 the year before)
 - Industrial machinery maintenance workers—18.3 (586 fatalities)
- Nonfatal Occupation Injury and Illness Incidence Rates – 2009 (number of incidents per 100 full-time workers)

	<u>US</u>	<u>NM</u>	
All industries (private only)	2.6		4.2
All industries (incl. Gov't)		3.9	4.8
State Government		4.6	6.3
Local Government		6.3	8.6
Local Government—Solid Waste			29.4

VIII. Luncheon and Networking

IX. Regional Roundtable

- A.** Introductions and Discussion of Meeting Format, Tom Parker, CDM & Board Member
- B.** Open Discussion of Select Topics, Attendees Choices

