



**T**ools for Schools (IAQ)

**I**PM

**M**oisture Management

**E**nergy

**S**afety and **S**ecurity

**TIMES MISSION STATEMENT :** TIMES strives to produce a quality environment for our employees and students.



# TIMES Members

- Renee Putter - *Athletic Director*
- Susan Shipp - *Science Coordinator*
- Patty Jo Nierste- *Safety / PCL Insurance*
- Teresa Lyons - *Nurse Manager*
- Rosalie Getz - *Occupational Health Nurse*
- Johnny Hibbs- *Exec. Dir. Facilities/Trans*
- Tom Bell- *Construction Supervisor*
- Wade Lillie- *Dir. Security & Operations*
- Roland Donnell- *Maintenance Director*
- Melvin Beckham- *Custodian Dept Head*
- Terry Vandenberg- *HVAC Controls*
- Victor Melton- *Environmental and Energy*
  
- **Special members**
- James McClure {Estes, McClure & Associates, Inc}
- Trey Wamble {Commercial Risk Services}



**T**IMES

# *Tools for Schools (IAQ)*

- **What is IAQ?**
  - **Indoor Air Quality**
    - Outside concentrations and inside concentration
    - Mold is everywhere 50 to 150,000,
    - V.O.C. off gassing / light / sound / temp / RH
    - **Asthma is the leading cause of school absenteeism**
    - asthma triggers / fabric furniture / deodorizers / fish-tanks / plants & pets / cooking odors / cold air / perfumes / mini-refrigerators
    - Asthma triggering mechanisms in your room
    - Create standard of care procedures
    - Don't ask the kids if they are sick too
    - C FB ISD EPA IAQ Tools for Schools National Excellence Award 2010
- **Room questionnaire for staff**
- **FAQs**
  - My doctor says I have environmental allergies – why do I only feel bad when I am at work?
  - Can you test the mold?



# ***TIMES SCHOOL INSPECTION***

School \_\_\_\_\_ Room # \_\_\_\_\_ Date    /    /   

✓ Appropriate answer

	YES	NO	N/A	<i><b>PLEASE ANSWER ALL QUESTIONS</b></i>
1.				I keep my classroom clean
2.				My classroom is dusted and vacuumed regularly
3.				Trash is removed daily from my classroom
4.				My classroom is free of pests
5.				My classroom is free of pets
6.				Do you have fire exit maps of your school in your room
7.				Indoor wall surfaces are free of condensation
8.				Areas under and around sinks are free of leaks
9.				Classroom bathrooms are free of leaks
10.				Ceiling tiles and walls are free of leaks (discoloration may indicate a leak)
11.				My classroom usually has a comfortable temperature
12.				I am the only teacher that uses my classroom

# *Integrated **P**est **M**anagement*

- State Guidelines
- IPM Steps
  - *Sanitation* keep things clean
  - *Mechanical* close holes
  - *Monitoring* sticky traps, inspect even produce
    - All 3 steps improve your IAQ
    - **Continual use of Pesticides**
    - **What's the difference between pet & pest**
- Importance of IPM = health and \$\$\$\$
- The CFBISD IPM program in TX
- FAQ's
  - So, are we never going to use pesticides?
  - I have ants – why can't we spray?
  - Can I bring something from home to kill the bugs?





# How Is Flu Transmitted?

- Mostly through droplet transmission
- Someone coughs or sneezes into the air,
- Gravity pulls the droplets to a surface,
- You touch the surface and then touch your face – mouth, nose, eyes.
- It goes into you through the mucous membranes.



# SYMPTOMS

- Fever of 100 or greater
- Cough **or** sore throat.
- ~~~~~
- May also have body aches, headache, nausea/vomiting, diarrhea.
- Complications are respiratory problems.



# How Can It Be Prevented

## HANDWASHING

- Cough and sneeze into elbow/arm.
- Stay home for 24 hours **after** the fever goes away **without** using fever-reducing medicines.
- Keep your immune system healthy by exercising, eating fruits and vegetables, and getting enough sleep..





# MRSA

- Methycillin-resistant Saphylococcus aureus
- Hospital Acquired and Community Acquired
- Communtiy Acquired – did not get it in the hospital
- Most people give it to themselves



# MRSA

- The staph bacteria lives on skin, in the nose, and under the fingernails.
- Usual scenario – the skin is broken through scratching or a cut and the bacteria enters.
- An abscess forms or the underlying layers of skin become infected – cellulitis.
- There is not any drainage with cellulitis.



# MRSA

- Dallas County Health Dept. does not recommend wide-scale cleaning with MRSA cases.
- The Sporidicin wipes in the warehouse - #330090 – kill staph. They can be used to wipe down keyboards and desks.



# PERTUSSIS (WHOOPIG COUGH)

- There has been an increase in pertussis cases in the teenage and adult populations.
- Most dangerous for infants.
- Adults are carriers
- All adults should get the Tdap vaccine – tetanus and pertussis now and every 10 years. You are protecting yourself and those you are around.



# Adult Vaccines

- In October – Pathway Medical Group will come to Rainwater to give flu, Tdap and Hepatitis A to adult staff and spouses.
- All TRS ActiveCare plans cover this 100%.



**T**IMES

# *Moisture Management*

- Fix Leak Program
  - Involve maintenance personnel {WORK ORDERS}
  - Leak map (send to Environmentalist)
- FIXING LEAKS IMPROVES YOUR IPM and IAQ
- 50% of damage to a building
- Don't accept any leaks in your room or school
- FAQs
  - Does moisture cause mold?
  - Do all roofs leak?

# *Energy Efficiency*

- C-FB Payroll / Utilities
- Who uses energy? Who can save energy?
- Wasted energy = IAQ problems
- Start a (Green TEAM) an Integrated Waste Stream that creates a balance between waste and recycling service
- Light Fixtures on thermostats
- Educating our kids / set a good example
- FAQ's
  - Do I turn off my PC before I go home?
  - Do I turn off lights if I am only going to be gone a minute?



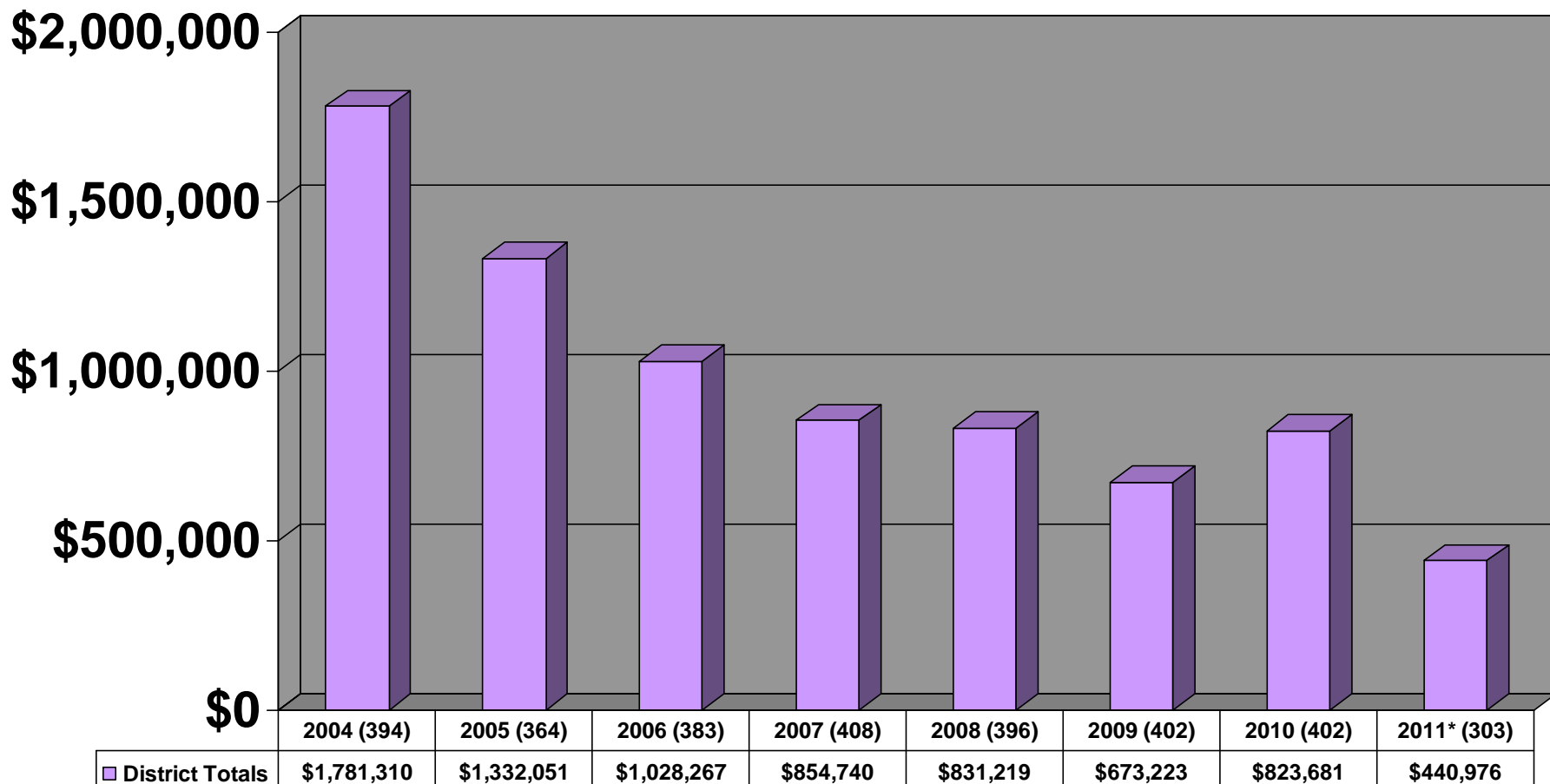
TEAMS

# *SAFETY*

- Workers' Comp



# Carrollton-Farmers Branch ISD Loss Totals District Wide 2004 – 2011 YTD\*

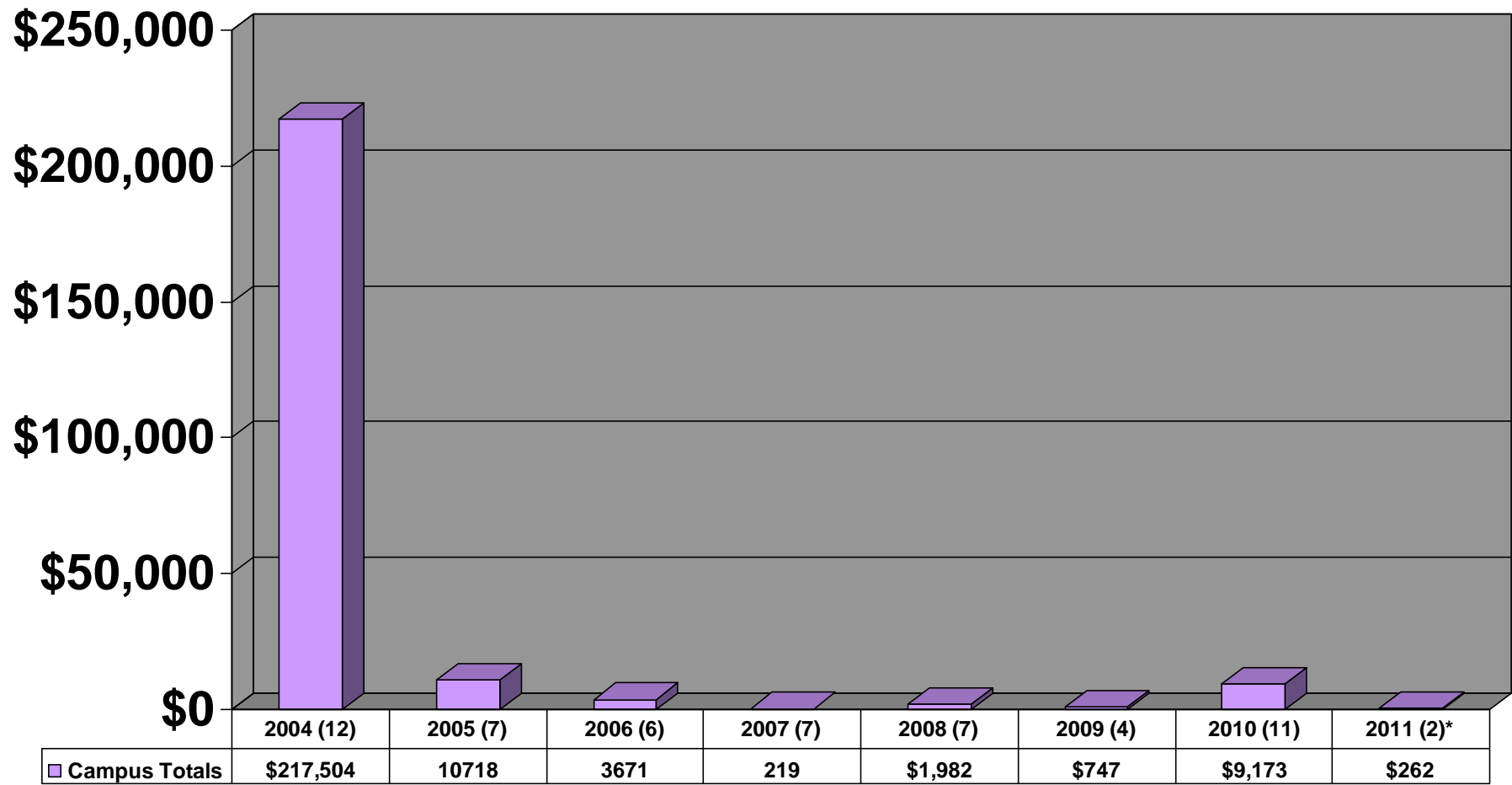


# Rainwater Elementary



# Rainwater Loss Totals

## 2004 – 2011 YTD\*





**TIMES**

# ***SAFETY***

- Campus / Building Inspections =  
Mandated by State of Texas (SB 11)  
and International Fire Code Law



















# ***WHAT'S WRONG WITH THIS PICTURE?***



- **Piggybacking cords**
- **Check every room!**
- **If you don't, it ...**



# Leads to This/That Led to This!













**TIMES**

# ***SAFETY***

■ [www.cfbportal.org](http://www.cfbportal.org)





# C-FBISD Plant Operations



## **Plant Operations:**

**Supervisor: Melvin Beckham, 972 968-6361**

**Evenings: Robert Gonzales, 972 968-6362**

**All custodial operations and moves within the  
school.**



# **C-FBISD Security**

**Primary Phone Number: 972 968-6428**

**District Crime Stoppers: 972 968-CFB1**

Department Head: Jack Merrell

Campus security and emergency  
preparedness including District and Campus  
Crisis Plans and Drills.



# Some Important Considerations:

- Guard the Valuables – “Take It, Hide It, Lock It!”
- Plan and Practice Your Crisis Response – District and Campus Crisis Plans and Drills
  - Evacuations
  - Lockdowns
  - Shelter in Place
  - Relocation
- Keep Your Campus Secured – Doors, Windows, Alarms.
- Keep Your Eyes Open – Practice Situational Awareness
- Security Alarm Codes
- Wear Your ID Badge – Seconds Count!