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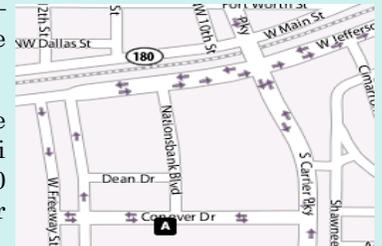
Environmental Compliance Meeting

On **November 17, 2010**, Environmental Quality staff will be holding our quarterly compliance meeting at the **Grand Prairie Memorial Library** located at 901 Conover. Tonya Hunter, Emergency Management Coordinator for the City of Grand Prairie, will be speaking on **Emergency Manage-**

ment and How it Relates to Local Businesses. The meeting will be from 9:30 am – 11:00 am and will include a continental breakfast.

To register, or for more information, contact Cheri Hebison at 972-237-8070 or chebison@gptx.org or

fax your registration form to 972-237-8228.



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EPA Guidance on Employee Involvement during Chemical Risk Inspections

The Environmental Protection Agency recently issued interim guidance regarding the involvement of employees during the Clean Air Act (CAA) section 112 (r) on-site compliance inspections. The CAA

112 (r) program is designed to prevent chemical accidents and releases through preparedness, response and prevention. This act requires facilities producing, processing, or storing extremely hazard-

ous substances to develop a Risk Management Plan (RMP).

EPA believes that active employee involvement will be more effective in protecting workers and

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Tia Rosa Bakery Recognized for Outstanding Texas Stream Team Participation

Tia Rosa Bakery received the “Outstanding Texas Stream Team Member” award during the City’s Annual Awards Luncheon on August 25, 2010. Since receiving their Texas Stream Team certifications in April of 2009, Brett Estes (*seen left*) and Terezo Rivera (*right*) with Tia Rosa Bakery have consistently sampled their chosen stream and submitted their results on a monthly basis. In addition, Mr. Estes and Mr. Rivera ensure their data is accurate and their reagents are up-to-date by effectively communicating with City of Grand Prairie

staff and the Statewide Monitoring Coordinator.

Texas Stream Team is a network of trained volunteers and supportive partners working together to gather information about the surface water quality of Texas and to ensure the information is available to all Texans. Partners collect critical information about water quality that supports local and state resource managers in scientifically sound decision making. Once trained, volunteers need to dedicate only one hour a month to monitor a stream of their choice.

Benefits to becoming a



Texas Stream Team Monitor are: 1) monitoring is a great team building exercise; 2) being a monitor is an excellent public relations opportunity; and 3) monitors contribute to real science that is used by the Texas

Continued on page 2

We're online!!!

www.gptx.org/

Environmental
Quality

**Grand
Prairie**
T E X A S

Creating raving fans
by delivering world
class service.



Environmentalists sample toxic sludge.

Hungary's Red River

On October 4, 2010, an accident occurred at the Ajkai Timfoldgyar Alunina (aluminum oxide) plant in Western Hungary, when a corner wall of a waste retaining pond broke releasing an estimated 700,000 cubic meters (185 million gallons) of red toxic sludge. Several nearby towns were inundated including Kolan-tar and Devecser. The sludge was up to 6.5 feet deep in places. Nine people were killed and around 50 were still hospitalized as of October 19, 2010. Crews poured hundreds of tons of plaster and acetic acid to neutralize the alkalinity.

Some of the sludge flowed 20 miles through the Marcal River and reached the Danube River, the second longest in Europe originating in Germany and passing through a number of countries to the Black Sea. While arsenic and mercury are of concern in the sludge, published reports are only available for pH levels as an indicator parameter. The pH levels have reportedly come down from around 13 at the origin to 8.4 at the Danube River. The sheer volume of flow in the river seems to have diluted the sludge rapidly.

Once again, these incidents should be an eye opener for all of us to understand the importance of inspecting our facilities regularly and taking corrective actions in a timely manner.



P2 Awards 2010

Congratulations to **Siemens Industry, Inc.** and **Valspar**, the two winners of the 2010 Pollution Prevention Awards! Both of these companies implemented waste reduction and energy savings programs which resulted in substantial cost savings.

By recycling water in the pretreatment system, Siemens reduced their water usage by 1,000,000, saving them \$2,846 over a six month period. They also switched to a synthetic lubricating catalyst in their HVAC systems to extend the system life and reduce carbon footprint. The initial study indicated an average 15% reduction in total kWh usage.

Valspar began a solvent reuse program this year which has saved over \$4,500 in waste disposal and raw material costs. Installing lockable thermostats on all natural gas heaters resulted in a savings of \$2,000 the following month. By repairing leaks in their air compressor systems, Valspar estimates a savings of \$6,000/year.

We hope these examples will give you ideas and inspiration to look at what your facility can do in terms of pollution prevention. Start now and be sure to submit your project for an award in 2011!

Tia Rosa Bakery continued...

Commission on Environmental Quality, while simultaneously learning about their environment.

For more information on how you or your organization can participate in the Texas Stream Team program, contact Echo Rexroad

at erexroad@gptx.org or call (972) 237-8082.

Remodeling Your Business?

Is remodeling your business part of your future plans?



Some people think that an asbestos survey is required only when a building is demolished. State law requires that any remodel, rehab, addition or demolition etc, must have an asbestos survey performed before a building permit can be issued.

A survey can identify areas that may contain asbestos. Some areas that asbestos can be found are in sprayed-on fire proofing and insulation, insulation for pipes and boilers, wall and ceiling insulation, ceiling tiles, floor tiles, putties,

caulks and cements (such as in chemical carrying cement pipes) roofing shingles, wall and ceiling texture in older buildings, and joint compounds in older buildings. Asbestos is most hazardous when it is friable, which means that the asbestos is easily crumbled by hand, releasing fibers into the air.

Working in areas that contain asbestos can be dangerous. Asbestos breaks into tiny fibers. Some fibers may be up to 700 times smaller than a human hair. As the asbestos fibers are released, the fibers can stay suspended in the air for days. Once in-

haled, the body cannot break them down or remove them once they are lodged in lung or body tissues. They remain in place where they can cause disease. The three primary diseases associated with asbestos exposure are asbestosis, lung cancer and mesothelioma.

Please take steps to protect yourself and your employees during your remodeling project. An asbestos survey can only be performed by a licensed company registered with the State of Texas. Contact Environmental Services Department at (972) 237-8055 for more information on obtaining an asbestos survey packet for your project.

Texas Trouble



A sludge transportation business in Clay County was assessed \$5,040 for failing to maintain a record of each individual collection and deposit in the form of a trip ticket and by failing to dispose of waste within four days of storing in a mobile closed container.

A radiator repair shop in Dallas County was fined \$14,375 for failing to prevent the unauthorized disposal of hazardous waste and by failing to conduct a hazardous waste determination for waste generated at the facility.

A used oil recycling center in Limestone County was assessed \$2,875 for failing to prevent the storage, processing, or disposal of used oil filters in a manner that results in the discharge of oil into soil or water, failing to prevent the storage of used oil in waste pits, failing to provide secondary containment for all areas where used oil is stored or handled, failing to maintain a contingency plan to be made available to the local fire department, and failing to prepare an analysis plan for sampling and analysis of used oil.

An oil and gas frac sand manufacturing facility in McCulloch County was assessed \$79,600 for failing to conduct hazardous waste determinations, failing to update the Notice of Registration for changes within 90 days, failing to submit an accurate Annual Waste Summary, and failing to prevent the shipment and disposal of generated wastes at an authorized facility.

Other Trouble

A Michigan aviation repair facility was assessed \$104,100 by the EPA for alleged hazardous waste violations including failing to update the site contingency plan, failing to train employees managing hazardous waste, failing to label, date, and close containers, and failing to ship waste within the 90 day time period.

General Dynamics Ordnance and Tactical Systems, Inc. has agreed to pay a \$38,500.00 civil penalty to settle alleged violations of hazardous waste regulations at its ordnance projectile, housing and parts manufacturing facility in Red Lion, Pa.

EPA cited General Dynamics for violating the Resource Conservation and

Recovery Act (RCRA), the federal law governing the treatment, storage and disposal of hazardous waste. Following a facility inspection, EPA cited the company for RCRA violations involving hazardous waste stored at the building including:

- Operating a hazardous waste storage facility without a permit;
- Failure to make hazardous waste determinations;
- Failure to submit an exception report when the facility did not receive a fully signed manifest from the designated disposal facility;
- Storing hazardous waste in containers that were not kept closed during storage;
- Failure to perform required weekly container storage area inspections;
- Failure to minimize the possibility of any release of hazardous waste;
- Failure to properly store universal waste lamps and mercury-containing devices.

A Michigan aviation repair facility was assessed \$104,100 by the EPA for alleged hazardous waste violations ...

EPA Guidance continued...

surrounding communities through the Risk Management Program. Facility employees and employee representatives will be offered the opportunity to participate in inspections under this program. The nature, extent, and substance of the employee or employee representative involvement will be documented.

EPA has also requested that State and local agencies adopt similar procedures once the guidance is finalized. Until the EPA guidance is finalized, the OSHA Field Operations Manual can be used as a reference tool. More information can be found at: www.epa.gov/oem/content/rmp/index.htm.

Upcoming TCEQ Reports Due

January 1, 2011 – Waste Reduction Policy Act: Executive Summary of 5 Year Pollution Prevention Plan (every 5th year)

January 25, 2011 – Annual Waste Summary (paper filers)

March 1, 2011 – Annual Waste Summary (electronic filers), Medical Waste Annual registration and summary, and Tier II

March 31, 2011 – Multi-sector general permit: Discharge Monitoring Reports on numeric effluent limits and benchmark monitoring summary and Air Emissions Inventory

From travel to turkey and beyond, there are many ways to make the transition to a more sustainable holiday tradition this Thanksgiving. Learn more at www.airnorthtexas.org.



City of Grand Prairie

Environmental Services Department
Environmental Quality Division
206 W. Church Street, 2nd Floor
Grand Prairie, TX 75050
Phone: 972.237.8055
Fax: 972.237.8228

This newsletter is a publication of:
Environmental Services Department,
Environmental Quality Division
Submit your comments / suggestions to:
Editor: Cindy Mendez
Phone: 972.237.8225
Fax: 972.237.8228
Email: cmendez@gptx.org



Please note: The Environmental Quality Division has moved to 206 W. Church Street, 2nd Floor. The new location remains in the Development Center, but is on the 2nd floor.

General Aviation Industry – Gear Up for Unleaded

In 2008, EPA decreased the level of the primary National Ambient Air Quality Standard (NAAQS) for lead from 1.5 to 0.5 micrograms per cubic meter. This was done to protect children and other at risk populations against an array of adverse health effects, most notably neurological effects.

While most commercial and military aircraft are turbine-engine powered jets, General Aviation (GA) Aircraft and Air taxis, used in recreational, business, and personal transportation are powered by piston-engines. These engines by design require 100 octane gasoline. While the use of leaded gasoline in highway vehicles was banned as far back as 1996, the use in general aviation is still permitted as a 100 octane rating could not be achieved without the use of tetra

ethyl lead. Some progress has been made in transitioning to a lower lead concentration in 100 LL avgas (2.2 grams instead of 4 grams per gallon), but GA still remains the largest source category of lead emissions.

EPA has formally begun the regulatory process as per Clean Air Act requirements, that may ultimately result in standards mandating the industry's transition to unleaded aviation gas. On April 28, 2010, an Advance Notice of Proposed Rulemaking (ANPR) has been published in the Federal Register. This is a key opportunity for the general aviation community to provide comments on possible new environmental standards



transitioning to an unleaded fuel. This is particularly important, as it may involve technical and safety implications and possible engine modifications. The Federal Aviation Administration (FAA) is also expected to be involved in this rulemaking process.

This may be of particular interest to the various aviation related industries in Grand Prairie which are proud to be in "Air Hogs" country. EPA is reviewing the comments received on the ANPR before making any changes to the proposed rules.

The proposed rules can be accessed at Federal Register, Volume 75 Issue 81 Page 22439.

Registration Form
Environmental Services Department
City of Grand Prairie
Environmental Compliance Workshop
"Emergency Management and How it Relates to Local Businesses"
Grand Prairie Memorial Library
901 Conover Dr.
November 17, 2010
9:30 am – 11:00 am
(Continental Breakfast Provided)

Company Name: _____

Address: _____

Telephone: _____

Attendees: _____

PLEASE RETURN BY MAIL OR FAX TO:

Environmental Services Department
P.O. Box 534045
Grand Prairie, TX 75053-4045
Fax to: 972.237.8228

Notice of Registration

A Notice of Registration (NOR) is a TCEQ registration on each hazardous or industrial waste handler. The NOR includes the facility's physical address, information on waste streams that are generated or handled at the site, lists of individual units at the facility where wastes are managed, and other information. NORs should be updated regularly.

To update:

Administrative Information needs updating? Submit the following:

- TCEQ Core Data Form (TCEQ-10400)
- Part I of the Notification for Hazardous or Industrial Waste Management Form (TCEQ-00002)

Waste Stream needs to be added? (Including One-Time Shipments). Electronically add it OR submit the following:

- Part II of the Notification for Hazardous or Industrial Waste Management Form (TCEQ-00002)

NOTE: Guidelines for the Classification and Coding of Industrial Wastes and Hazardous Wastes may be helpful when adding new waste streams.

For more information, visit
www.tceq.state.tx.us/permitting/registration/ihw/nor_updates.html.