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H₂O LINE NEWSLETTER

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MEETING NOTICE

Please join us on *Wednesday, January 29, 2020* for the next Environmental Compliance meeting. The meeting will be held from **9:30 - 11:00 am** at the Environmental Services Department office located in the Development Center at 300 West Main Street. The Development Center is located across from City Hall. Take either of the outside staircases located on the east side of the building to the second floor. An elevator is also available.

Peter Baldwin, LEED GA, is the Chief Operating Officer and Co-Founder of HydroTech Solutions. Pete will be discussing "High Performance Water Management for Industrial Facilities." He will provide an overview of common water challenges that commercial building operators encounter, and how digital meters and sensors with data analytics help to reduce annual operating costs while reducing risks from leaks and equipment failure that manual monitoring cannot effectively manage.

To register, or for more information, contact Jody Cason at (972) 237-8070 or jcason@gptx.org, or fax your registration form to (972) 237-8228.

CONGRATS TO OUR P2 WINNERS

Airbus Helicopters instituted an inventory management system that allowed them to reduce the amount of expired chemicals to an 80% reduction in chemical disposal and an annual cost savings of \$116,000.

CLEAN AIR AWARDS

Congrats to our Grand Prairie Clean Air Winners, Pepsico and Steris Isomedix Service, and to all our corporate participants who helped reduce air pollution in North Texas by implementing creative clean air initiatives in their organization!



Lockheed Martin implemented a program to shed electrical usage. An automatic zone setpoint was programmed into their Building Management System so that non-critical areas would have adjusted HVAC setpoints. This program is able to shed up to 15% of the site's load.

Bell began using Planit Safe, an aqueous film forming foam (AFFF) test substitute, for proportioning testing of their firefighting foam system. The chemical substitution is estimated to eliminate 16,700 lbs of regulated waste and save over \$2,800 per test.

WHAT TO EXPECT FROM AN OSHA INSPECTION

Most OSHA inspections come without notice so it's important to understand what to expect before they're at your doorstep. First, you should know the potential hazards and OSHA regulations pertaining to your jobsite and make sure employees understand the risks and abide by those rules.

OSHA has jurisdiction over 7 million worksites, so they allocate inspection resources to the most hazardous workplace environments. Imminent danger situations are given top priority, followed by facilities where a recent severe injury or illness has occurred. Worker complaints, referrals from other agencies/individuals, and targeted inspections are the next tier of categories that will invite an inspection.

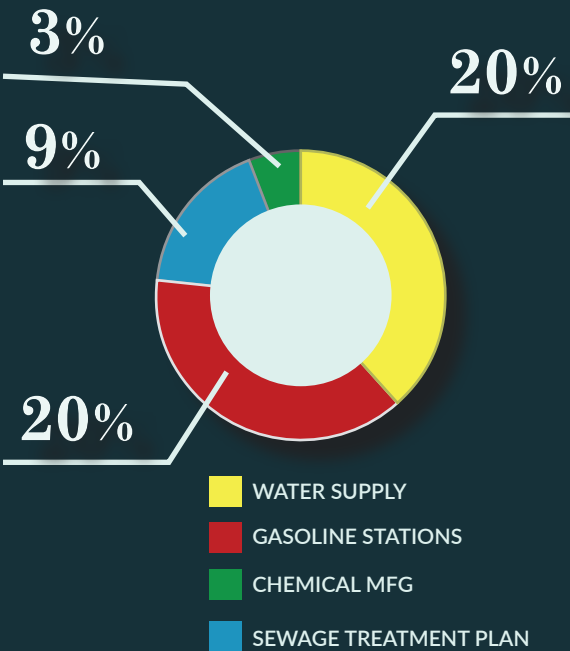
Before an inspection, OSHA's compliance safety and health officers will review inspection history, research operations/ processes, and the OSHA standards likely to apply. They will arrive on site, unannounced, with the proper PPE, testing instruments, and present their credentials. During the opening conference, inspectors will explain why OSHA has selected the workplace, the scope of the inspection, procedures, and employee interviews. The walkaround will follow. Compliance officers will walk through portions of the facility covered by the inspection, noting hazards. The inspectors will point out violations that can be corrected immediately. While these will still be cited in the report, prompt correction will be taken as a sign of good faith by the employer.

Afterwards, OSHA compliance officers will discuss the findings, possible course of actions for corrections, consultation services, and employee rights. The employer can also contest citations and proposed penalties during this conference. Post inspection, OSHA must issue any citations or penalties within six months of the violation's occurrence. Other than willful violations, OSHA may reduce proposed penalties base on company size and good faith adjustments. Once citations are issued, the employer has the opportunity to appeal the proposed penalties. In certain circumstances, follow-up inspections will occur.

Prepare for the unannounced by being in full compliance. The ultimate purpose of OSHA, and their inspections, is to ensure a safe working environment. Safety should be your business's goals as well.

TCEQ 2018 ENFORCEMENT BY THE NUMBERS

Industry Types with Highest % of Administrative & Civil Judicial Orders

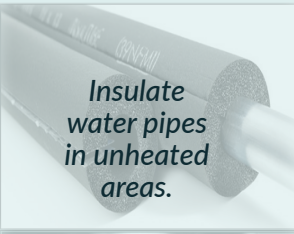


of administrative orders = 1,370
of millions to be paid in penalties = 7.5
of routine investigations = 103,000
of compliant investigations = 4,545
of Notices of Violations = 16,000
of millions expended for Supplemental Environmental Projects = 3.9
of civil judicial orders = 34
of felony counts = 18
of misdemeanors = 17
of small businesses/local gov't receiving assistance = 66,000
of million pounds of pollutants eliminated due to enforcement = 247
of million to achieve compliance spent by industry = 42

WAYS TO CONSERVE WATER THIS WINTER


Water conservation is emphasized during the summer months, but what about the winter? After shutting down the irrigation, it's easy to forget about water usage, allowing indoor water waste to occur.

Here a couple of tips to use during the winter months:



Insulate
water pipes
in unheated
areas.

When temperatures drop below freezing, pipes in unheated areas are subject to freezing causing expensive issues. The most common pipe freezes occur on those that are exposed to cold temperatures such as outdoor hose bibbs and water lines in unheated spaces located in exterior walls and unheated garages. Wrap water lines in unheated areas with insulation tubes. Carefully examine the gaps around water pipes extending through exterior walls, and block these areas with foam caulk rope, loosely packed fiberglass insulation, or expanding foam applied from a pressurized spray can.




Drip your
faucets

Contrary to popular belief, dripping faucets during freezing temperatures can actually save you money on water by acting as inexpensive insurance. If you know where the water comes into your building, pull water through the entire system by turning on faucets at the opposite end. By keeping the water moving, you greatly reduce the likelihood of freezing. For added conservation, collect the dripping water into a bucket or cup. You can use the collected water for watering indoor plants.

TOTAL TOXIC ORGANIC METHOD CHANGE



If you are self-monitoring for Total Toxic Organics (TTO), be aware that EPA Methods 624 for Volatile Organics, 625 for Base Neutral/Acid Extractable, and 608 for Pesticides/PCBs are no longer valid.



These methods have been replaced with Methods 624.1, 625.1 and 608.3 respectively.

If you are conducting self-monitoring for these analyses, these new methods must be used.

The Clean Prairie initiative is a partnership and continued commitment between city leadership, residents, and business owners to ensure community cleanliness as a top priority in the City of Grand Prairie.



HOW YOU CAN PARTICIPATE IN CLEAN PRAIRIE AT YOUR BUSINESS:

- Maintain landscaping and keep grass cut
- Keep your property litter free and free of clutter
- Keep litter receptacles clean inside and outside
- Maintain fencing and exterior

Influenza (flu) is a serious, but preventable disease. Every flu season is different and influenza infection can effect people differently. Even healthy people can get very sick from the flu and spread it to others. "Flu season" in the United States can begin as early as September and last as late as May. Help prevent the flu by:

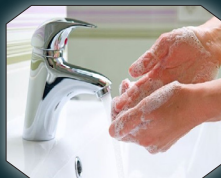
PREVENTING FLU IN THE WORKPLACE



Promoting flu
vaccination among
co-workers



Encourage sick
people to stay
at home



Encourage
proper hand
and respiratory
hygiene
practices



Help educate
others on
influenza signs
and symptoms

Flu can be transmitted in the workplace and precautions need to be taken to prevent transmission. Frequently clean all commonly touched work surfaces, work areas, and equipment (e.g. telephones, doorknobs, lunch areas, countertops, copiers, etc.). Use the cleaning agents that are usually used in these areas and follow the directions in the label.

FOUR TIPS FOR A SUSTAINABLE HOLIDAY



Here are a few tips you can implement to not only have a fun time during the holidays but a sustainable time as well:

1. This holiday season, think about serving less food, making/buying foods that can be composted, and/or donating leftover food to organizations to benefit people who need assistance. This way you are helping improve air quality by decreasing leftovers that may go un-eaten and thrown in the garbage while possibly helping someone in need.
2. Plan on staying at home and spending some quality time there on the holiday instead of driving to the mall to shop.
3. Consider giving the gift of experiences that you can purchase through websites such as Groupon rather than simply giving items. Help reduce the buying and selling of goods that contribute to waste, which leads to air pollution.
4. Before the 2020 year begins, think about what you are thankful for and what you can do to live a more sustainable lifestyle. Make gradual changes such as reducing your use of straws and

using reusable cups and bags. These changes may later become habits that can benefit yourself, your family, and the world we live in. Learn more at www.airnorthtexas.org.

GPISD STUDENTS NEED INTERNSHIPS

IF YOU CAN HELP PLEASE EMAIL: Amber.Townsend@gpisd.org

★ TEXAS TROUBLE ★

▶ A forklift manufacturing facility in Harris County was assessed \$74,458 for failing to comply with the organic hazardous air pollutants emissions limit for general use coatings, failure to submit semiannual compliance reports no later than 30 days after the end of each reporting period, failing to maintain records for the quarterly visible emissions observations, failing to maintain records to demonstrate compliance, and failing to maintain the pressure differential across the filter in the abrasive blasting booth.

▶ A barrel and drum manufacturing facility in Tarrant County was assessed \$9,500 for failing to comply with the maximum allowable emissions rates.

▶ An electronics recycling facility in Dallas County was assessed \$5,000 for allowing the unauthorized disposal of municipal solid waste and for failing to conduct hazardous waste determinations and waste classification.

▶ A recycling business in Travis County was assessed \$21,730 for failing to provide financial assurance for the closure of the facility, failing to develop and implement a Stormwater Pollution Prevention Plan, and failing to submit a Notice of Intent prior to the commencement of recycling activities.

▶ A semi-conductor manufacturing plant in Collin County was assessed \$24,066 for failing to obtain air authorization prior to constructing or modifying a source of air contaminants.

Environmental Compliance Meeting
Registration Form

High Performance Water Management for Industrial Facilities

Environmental Services Department
300 W. Main Street

Wednesday, January 29, 2020, 9:30 a.m. to
11:00 a.m.

Company Name: _____

Address: _____

Telephone: _____

Attendees: _____

PLEASE RETURN TO:

Environmental Services Department
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Grand Prairie, TX 7503-4045
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Email to: jcason@gptx.org