



# Happy Holidays

TRANS-PACIFIC ENGINEERING CORPORATION

## The Year In Review

Once again December is here. As we wrap up this year, we would like to express our gratitude for your business and support.

Please read on to find a recap of what we've been working on and updates on recent projects and TPEC as a company.

## Philadelphia Water Department Grant Program

The Philadelphia Water Department (PWD) has transitioned from a meter-based stormwater charge to a parcel-based system. This means that properties with more building and paved areas will be assessed greater fees. To help property owners with the burden of the increased stormwater charges, the City has implemented two incentivized grant programs for non-residential PWD customers. The Stormwater Management Incentives Program (SMIP) was launched in 2012 and the Greened Acre Retrofit Program (GARP) in 2014 to encourage construction of stormwater retrofit projects on private property by providing grant money to fund 100% of the design and construction costs.

In return, the PWD customer can save up to 80% off the stormwater charges from their PWD water bill.

TPEC is currently working on one of the largest SMIP grants to date at LaSalle University. The purpose of the project is to manage stormwater runoff on the 100+ acre campus. The effort supports the Green City, Clean Waters program by disconnecting most of the building and paved surfaces and infiltrating the runoff into the ground. The implementation of this program is expected to save the University a significant portion of their stormwater fees.

## Major Projects

### *LaSalle University*

The Philadelphia Water Department (PWD) and the Philadelphia Industrial Development Corporation (PIDC) have awarded a Stormwater Management Incentive Program (SMIP) grant to LaSalle University for the design and construction of stormwater management systems.

TPEC is pleased to be the lead engineering firm spearheading the design and implementation of this program for LaSalle University. The project consists of the design of rain gardens and underground infiltration system. The purpose of this project is to significantly minimize the amount of stormwater runoff entering the City's sewer

system by managing the stormwater runoff onsite.

### *Philadelphia Water Department Security Improvement Systems*

We worked with the PWD and AECOM in securing zoning and use permits for four major facilities that fall under the Philadelphia Water Departments Security Improvement Systems project. As permitting process in the City of Philadelphia can be demanding, we successfully worked with the city's licenses and Inspection Department, Recognized Community Organization and community members to get zoning variance approval for these sites.

## **Other Projects**

### ***Federal SBA 8(a) Contracts***

TPEC continues to provide hazardous waste operational, technical and administrative support for the U.S. Army at Aberdeen Proving Ground (APG) in Maryland.

TPEC also continues to perform equipment maintenance and warehousing services at four sites in Pennsylvania and Maryland for the USEPA as part of the EPA Superfund Program

### ***John Heinz National Wildlife Refuge located in Philadelphia PA***

The U.S. Fish and Wildlife Service retained TPEC for professional services for its Heating Fuel supply and storage tank system at the above mentioned site located in Philadelphia PA.

The project included removal of an old nominal 1000 gallon capacity underground fuel storage tank (UST), including preparation of permits from the City of Philadelphia and an approved PA Department of Environmental Protection tank closure report.

The project also included removing the underground fuel piping and conduit and installation of a new fuel piping supply system. The work includes new double containment fuel piping, valves, an AST tank level monitoring and alarm panel for tank levels, and an emergency shut off for the system.

### ***Philadelphia NE Water Pollution Control Plant***

We are working with Whitman Requardt & Associates (WR&A) to develop engineering plans, specifications and construction cost development for the Balfour Street entrance improvements and the parking lot expansion project for the PWD construction group. Scope of work includes grading, landscaping, erosion & sediment control, storm piping modifications, and permitting services.

### ***Nakwon Presbyterian Church***

TPEC will prepare land development plans and reports for a 50 car parking lot expansion in Upper Dublin Township, Pennsylvania. Scope of work includes: parking lot layout, grading, landscaping, lighting, stormwater management, and erosion & sediment control.

### ***Jubilee Presbyterian Church***

TPEC has designed and permitted the 56-car parking lot expansion and is currently under construction. We are providing construction liaison services with an approximate project completion of December 2014.

### ***NMS Labs, Willow Grove, PA***

Provided Phase I and II ESA for property transaction and development for a warehouse building located in Willow Grove, PA.

## **21 Years in Business**

We marked our 21st year in business this year and we're glad to announce that this was made possible through your business and support. We look forward to continue providing you with the following high quality services:

### **Civil Engineering**


- Site Engineering and Development
- Land Development
- Stormwater Management
- Property Condition Assessment (PCA)

### **Environmental Engineering**

- Water and Wastewater Treatment
- Phase I/II environmental Site Assessment (ESA)
- Storage Tanks System Design
- Hazardous Waste Management
- Site Remediation
- Air Pollution Control

### **Support Engineering**

- Industrial Facility Design
- MEP, Structural and Architectural Design
- Green Infrastructure/Renewable Energy
- Low Impact Development (LID)
- Construction Oversight
- Permitting Assistance



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