



**2016 CLAIMS / CASE / SUPPORT  
ASSISTING THE INSURANCE / LEGAL INDUSTRY**

**Licensed Engineering Firm – Licensed Investigators & Engineers**

**Servicing the Industry for 38 Years**

**888-PVALLAS (782-5527) ASCE AMERICAN SOCIETY OF CIVIL ENGINEERS**

**PROFESSIONAL TEAM**

**ROBERT J. MONACO, PE CRAIG WILLIAMS, PE THOMAS FRASER, PE**

**JAMES CONROY, PE BERNARD J. SOPKO, PE**



**STRUCTURAL ENGINEERING  
PROFESSIONAL ENGINEERS & CONSULTANTS**

*\* Cause \* Damages \* Failures*

- Commercial, Industrial, Residential
- Settlement, Geotechnical, Ground Movement
- Building Movement, Cracking, Instability
- Blasting – Construction, Contributing Factors
- Design, Repairs, Evaluations
- Windstorms – Weather Assessments
- Roof Systems Inspections
- Material Failures & Defects
- Deterioration- Ground Water Effects

**SWIMMING POOL FAILURES, SURVEY & CAUSE  
DETERMINATION**



**MECHANICAL ENGINEERING AND FAILURES**

- Electrical Engineering
- Environmental Considerations
- Heating/Cooling, HVAC Analysis
- Product Failures / Liability
- Material / Metallurgical
- Chemical Analysis
- Topography - Ground Water Analysis
- Liner & Bulkhead Damages
- Installation & Servicing Issues
- Filtration Drainage Evaluations
- Snow Loading Weight of Ice Factors
- Effects of Wear – Deterioration
- Costs – Repair vs. Replacement Summaries

**FIRE / EXPLOSION  
INVESTIGATIONS**



**HVAC ANALYSIS**



**WELL PUMP TESTING**



- Fire & Explosion Analysis
- Laboratory Services
- Joint Party Inspections
- Subrogation / Liability Issues
- Immediate Response
- Warehouse /Storage

- Air Conditioning /HVAC/ Inspections
- Basic Cause of Damage & Failures
- Testing of Controls – Entire Systems
- Lightning Verification & Costs
- Repair vs Replacement of Equipment

- Flat Rated Fees & Selective Areas
- Electric Testing for Verification of Damage
- Pick Up from Property – Shipping
- Repair – Replacement Cost – Review
- Consideration of Lightning Damage
- Expedited Report

**LABORATORY – PRODUCT TESTING & ANALYSIS**

**Water Heater Plumbing Fixtures**

**Metallurgical / Microscopic Considerations Electrical Fire Damaged Equipment**

[Petervallas.com](http://Petervallas.com) 888 PVALLAS (782-5527)

