"Lessons Learned from the Baker Beach Landfill Removal Project"
(VIRTUAL PRESENTATION)
When: 11:00 AM – 12:00 PM August 23, 2021
Speaker: William Godwin, PG, CEG, AEG National President

PRESIDENT’S MESSAGE
I hope everyone that can get the vaccine shot has taken advantage and starting to enjoy some resemblance of normal. The summer is almost over but I have enjoyed the long daylight to get out and do things, mainly yard work. Recently we were asked by AEG to host a meeting where their national president could speak and tour a few different towns in the southeast. The above presentation will be given at Berry College to an Environmental Science class but to make it more available to both AEG and AIPG members we have set it up as a Zoom meeting.

The last few years we have co-sponsored a number of conferences put on by Georgia Tank & Equipment Contractors Association. Their Annual UST Management & Compliance Assistance Seminar will be offered two times at Kennesaw State University and Tifton. As a co-sponsor AIPG members pay a reduced fee for the seminar and recently GTEC further reduced the cost to $175.00.

Our Georgia Section conference is coming up on October 5-6, 2021. We are still looking for a few more speakers so if you have a topic that would be of interest, please contact Eric Lowe or myself. I hope the consulting companies can support us by sending their employees to attend and by being a corporate sponsor. Also, if there are members that could give a little time to help out we can use you the day of the conference at the registration desk in the morning when there is a big rush. You can also help by getting the word out to your friends and co-workers. It’s hard to believe but because of the virus and that we have our conference every 18 months, that it has been three years since our last conference. I hope everyone will be excited to get out, learn something new, and see friends at the conference. To register on-line go to our web site at: http://georgiaaipg.weebly.com/

Also in October is AIPG National Conference in Sacramento, CA from October 23-26, 2021. I’m actually going to give a talk titled “U.S. Energy Sources: Where it Has Changed in the Last Decade”. It would be a great time to visit the west coast.

Last, I would like to congratulate Kurt Hausner for being appointed to the Georgia Professional Geologist Board.
August 23, 2021 Zoom meeting details
AIPG Georgia is inviting you to a scheduled Zoom meeting.

Topic: Words from the President-- Association of Environmental and Engineering Geologist

Title: "Lessons Learned from the Baker Beach Landfill Removal Project"

Time: Aug 23, 2021 11:00 AM Eastern Time (US and Canada)

Join Zoom Meeting

https://us06web.zoom.us/j/82617673641?pwd=US9BYmlzV0t5WlNZNmttNjlEWU1dz09

Meeting ID: 826 1767 3641

Passcode: 340863

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Find your local number: https://us06web.zoom.us/u/knkwBqKv
Abstract
After a three-year planning, site investigation and design process, two Army-era landfills were removed from the steep 270 foot (80 meter) high bluffs above Baker Beach in the Presidio of San Francisco in 2007. The landfills had been created over a 50 year period during the last century by dumping of waste soil, construction debris and incinerator ash over the steep cliffs. High-value serpentine habitat and historic artillery batteries and earthworks surrounding the landfills, as well as locally unstable slopes prevented the construction of access roads to simplify the removal process.

Despite extensive pre-removal site exploration and analyses, once excavation and removal began the landfills were found to contain nearly double the amount of waste that had been anticipated, resulting in a significant increase in project cost. By using a combination of paddle conveyors, “spyder “ walking excavators, off-road dump trucks and a bucket-brigade of long-reach hydraulic excavators the contractor was able to remove the waste soil and debris and adhere to the original project schedule.

A project post-mortem indicated that additional drilling and sampling during the site investigation phase would have likely revealed the presence of thicker fill deposits, allowing a more accurate estimate of the eventual waste tonnage and better estimates of the project’s final cost, albeit at a significant increase in the cost of the investigation.

William Godwin, PG, CEG
2020-2021 AEG President

William H. Godwin is a member of the San Francisco Bay Area Chapter and has been working as an independent geologic consultant since 2014 and as an on-call employee for several large geotechnical consulting firms. Mr. Godwin most recently has provided expertise on water storage and conveyance facilities including large diameter high pressure water pipelines, earthen embankment dams and concrete spillways in California. Prior to 2014 he was Vice President of Nuclear Services for Fugro/William Lettis Associates, responsible for nuclear Quality Assurance and project management on geologic/seismic licensing (COLA) of nine next generation nuclear power facilities in the US and overseas. Mr. Godwin had previously worked at Harding Lawson Associates/MACTEC (now WOOD E&IS) managing geotechnical studies for geologic hazards at schools and hospitals, dam and reservoirs, environmental RI/FS and soil and groundwater treatment and remediation. Mr. Godwin was also employed at Bechtel Corporation working as a geologist for a variety of large power plant, rail transit, tunnel and CERCLA and RCRA environmental projects across the US and overseas. He initially started his career conducting seismic exploration for Petty Ray Geophysical across the mid-continent area of the US.

Education/Licensure:
Mr. Godwin earned a Bachelor of Science degree in Geology from the University of Redlands, in Southern California. He is a licensed Professional Geologist (PG) and Certified Engineering Geologist (CEG) in California.

Other Professional Involvement:
ASCE Pipeline Crossing Committee (2007) and Trenchless Installation of Pipelines (TIPS) Committee (2009); Secretary, Monterey Bay Geological Society (2014-present). He has attended and presented papers at six consecutive IAEG Congress meetings since 1998. He also led a field trip and was Subject Matter Expert for the Council of Examiners at the 2018 Annual Mtg of ASBOG.
Georgia Tank & Equipment Contractors Association

Annual UST Management & Compliance Assistance Seminar

August 31, 2021  KSU Continuing Education Facility and  
September 14, 2021  UGA Tifton Conference Center

Once again AIPG is a co-sponsor of the GTEC Underground Storage Tank Management and Compliance Assistance Seminar. This seminar will present to UST owners and operators information to bring them up to date on regulatory matters and to technical matters pertaining to underground storage tanks. This includes presentations made by the Georgia Environmental Protection Division (GA EPD). It will also include many UST Vendor Exhibits showing the latest in related equipment and services. This year GTEC is providing two seminars in order to provide better coverage throughout the state.

The seminar agenda and the link to register. If you have any questions, please call Bill Greer with GTEC at 770-235-9144. By being a co-sponsor, AIPG members may attend the seminar at $175.00. The normal fee is $300.00.

Seminar Agenda:

08:30 AM  -  Welcome and Announcements
08:45 AM  -  An Update from Different GA Regulators on Various Issues Effecting Underground Storage Tanks to include key personnel changes, rules, forms and publications, etc.

   GA EPD  -  Underground Storage Tank Program
   GA Fire Marshals Office
   GA EPD  -  Office of Air Quality
   GA Fuels Laboratory
   GA Weights and Measures

10:00 AM  -  Break  -  Visit the Vendor exhibits. Get your vendor card initialed so you will be eligible for the door prize drawing.

10:30 AM  -  Update on Discrepancies Found by EPD Inspections. What are the most common discrepancies. What kind of fines are assessed.  GA EPD.
11:15 AM - New Technology - What's the Latest and Greatest

New Apps Available

New Publications Available from the Petroleum Equipment Institute

New Products - Presented by Exhibiting Vendors

12:00 Noon - Lunch and Visit Vendor Exhibits

After Lunch - The New EPA UST Rules Requirements -

**Receive GA EPD Approved Checklists and Training on How to Use Them**

1:00 PM - Monthly Walk-Through Inspections - You have a decision to make - Either perform the required inspections yourself OR Hire a 3rd party contractor (such as your service contractor) to do the inspections for you. To help you make that decision, we are going to go over the new EPD Approved Checklists in Detail so you can see what exactly will be required.

2:30 PM - 2:50 PM Break - Visit the Vendor exhibits. Get your vendor card initialed so you will be eligible for the door prize drawing. Last chance to visit the exhibits and qualify for the door prize drawings.

2:50 PM - Testing Requirements for Release Detection Equipment and for Spill and Overfill Equipment and for Containment Sumps. We will show you what must actually be done to meet the testing requirements specified by the new rule. What problems are expected in removing items that have been in place for many years, such as, Flapper Valve Drop Tubes and old Ball float Valves? What about disposing of contaminated water that results from testing?

4:00 PM - Door Prize Drawing - $200 Cash Drawing and other prizes donated by various exhibitors.

4:30 PM - Seminar End

**Register Below**
AIPG understands that times are uncertain due to COVID-19. This might include company travel freezes, job losses, etc. Our goal is to make it easier for you to attend the AIPG National Conference in Sacramento, CA. Therefore, we have implemented a risk-free registration. Once you register, if you cannot attend, full refunds will be available if you cancel by October 8, 2021. Refund Policy: Deadline to request a full refund is Friday, October 8, 2021, and must be in writing only. Substitutions are welcome. Based on the decision of AIPG, field trips and mini-workshops are subject to cancellation due to lack of participation. Notification and full refunds for field trips and mini-workshops will be given in case of required cancellations.
Dear professional colleagues:

By participating in the Ninth AIPG Innovative Environmental Conference you can earn up to 10 education hours for a price of $100 (AIPG Members). It will again be held at Kennesaw State University Continuing Education.

To register on-line go to:  
http://georgiaaipg.weebly.com/  

- Hear discussions on the latest technology regarding environmental assessment and remediation, and geological consultants, attorneys, etc.
- View the latest technologies with multiple vendor exhibitors to help you assess your remediation needs.
- Meet potential clients, contractors, government regulators, university professors, service providers, and old friends.
- Funds raised are used to support our AIPG student chapters and award eight student scholarships to students in Georgia.

A few of the titles for this year’s conference include:
Surface and Borehole Geophysics for Site Characterization in Support of Environmental Remediation Projects  
Enhanced Surfactant Flushing for Rapid NAPL Removal using SURFAC® and EFR®  
EPA Brownfields: Overview and Case Studies  
A Practical Guide to the New Georgia Vapor Intrusion Guidance  
Treating 1,4-Dioxane with Activated Potassium Persulfate  
Increasing LNAPL Remedial Efficiencies in Porous Media  
Vapor Intrusion assessment tools and sampling challenges that may affect data quality  
Combined Remedy Treatment of Multi-Chemical Solvent Plume in Fine-Grained Low-Permeability Sediments  
Treatment of a Chlorinated Groundwater Plume Using Iron Impregnated Carbon  
Hydrogeologic Investigation of a Spring for a Potential Bottle Water