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| **Environmental Enlightenment #96** By Ami Adini - Reissued February 15, 2017   |  | | --- | | This is a SHORT, LIGHT and SIMPLE newsletter. Its purpose is to rekindle in the initiated concepts they have once learned, and enlighten the uninitiated on concepts they may have never heard of, but will understand once they are introduced to them. | | **Environmental Investigations in Dry Cleaning Operations Contaminant Source Areas – Where to Sample**  *(The information in this newsletter has been gleaned from an EPA sponsored site*[*http://www.drycleancoalition.org*](https://drycleancoalition.org/)*and enhanced with images.)*   *This info-letter is one of a series on drycleaning operations, their impact on the environment and hurdles they pose in real estate transactions. Search* [here](http://www.amiadini.com/newsletter-archive.html) *for more.*  **Distillation Unit**  Although distillation units are built into the newer drycleaning machines, they are sometimes a separate piece of equipment in drycleaning facilities.  http://amiadini.com/NewsletterArchive/170215-NL96/envEnl-096-002.jpg  A common operational problem with distillation units was overfilling (when too much spent solvent or muck was placed in the still/muck cooker) and subsequent boilover of distillation residues resulting in the discharge of still bottoms or cooked powder residues to the facility floor.  Boilover can also be caused by excessive still operating temperatures. In early drycleaning operations, the distillation unit was often located in a separate room or even outside the facility in a covered area due to the strong odors generated during the distillation process.  Former still locations can often be identified by brown colored staining on facility floors or walls.  http://amiadini.com/NewsletterArchive/170215-NL96/envEnl-096-004.jpg     http://amiadini.com/NewsletterArchive/170215-NL96/envEnl-096-006.jpg  This staining is associated with either boilover of still bottoms or from splashing or spilling of still bottoms or cooked powder residues during still cleanout. The area around the still is a prime sampling location at drycleaning facilities. | | You can find past issues of our "Environmental Enlightenment" at [amiadini.com](http://www.amiadini.com/) Wealth of information about environmental site assessments in the real estate transactions and issues concerning assessment and cleanup of contamination in the subsurface soil and groundwater. |  |  | | --- | | Call me if you have any questions. There are **no obligations.**  Ami Adini Environmental Services, Inc. Environmental Consultants & General Engineering Contractors California Lic. #1009513 A B HAZ ASB **818-824-8102**; [**mail@amiadini.com**](mailto:mail@amiadini.com) [www.amiadini.com](http://amiadini.com/)  Ami Adini is a veteran environmental practitioner with over 40 years of experience. He carries a Bachelor of Science degree (B.Sc.) in Mechanical Engineering including academic credits in Nuclear and Chemical Engineering and postgraduate education in these fields. His career includes design and construction of nuclear plant facilities, chemical processing plants and hazardous wastewater treatment systems. He is a former California Registered Environmental Assessor Levels I & II in the 1988-2012 registry that certified environmental professionals in the assessment and remediation of environmentally impacted land, and a Registered Environmental Professional (REP) since 1989 with the National Registry of Environmental Professionals (NREP). He is a California Business & Professions Code Qualifying Responsible Managing Officer (RMO) in the General Engineering Contractor classification with Hazardous Substance Removal and Asbestos certifications, and president of AMI ADINI ENVIRONMENTAL SERVICES, INC. (AAES), a general engineering contractor and consulting firm specializing in environmental site assessments, rehabilitation of contaminated sites and removal of environmental risks from real-estate transactions. (Contact Ami for a complete resume.) **AAES provides practical solutions to environmental concerns using the highest standards of ethics and integrity while providing its clients with maximum return on their investments.** | |