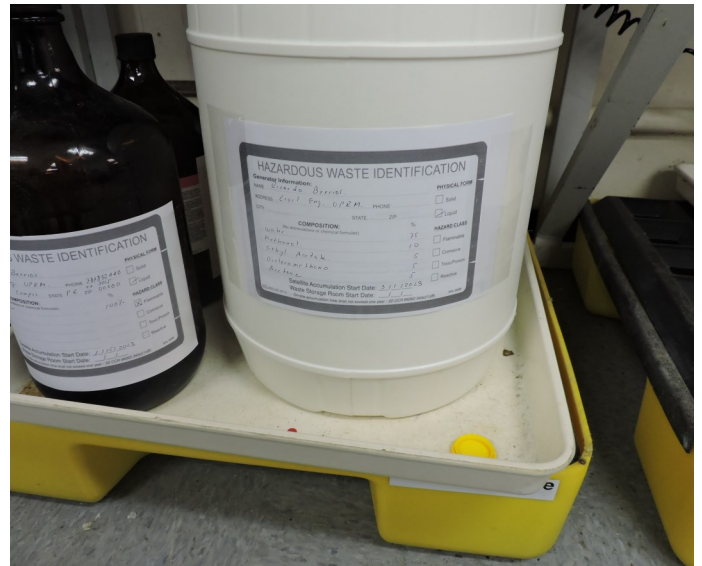
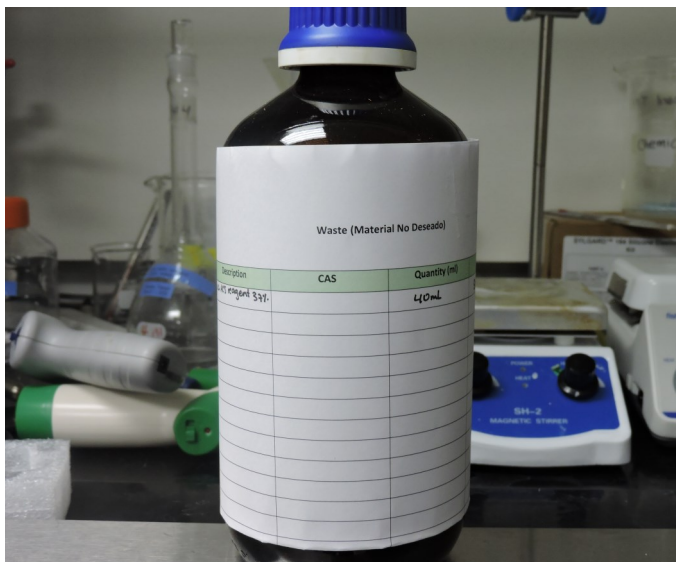




Picture 21 - UPR CIVIL ENGINEERING- At the Lab CI 018 there were two (2) 5-gallon white containers with Methanol, Ethyl Acetate, Dichloromethane and Acetone both labelled as “Hazardous and dated with its accumulation start date of March 1, 2023, but not labeled as “Unwanted Materials.”

Picture 22 - UPR CIVIL ENGINEERING- At the Lab ICI 018 there were two (2) 4-L ambar bottles containing Acetone and both labelled as “Hazardous Wastes,” and dated with its accumulation start date of January 15, 2023, but none labelled as “Unwanted Materials.”



Picture 23 - UPR CIVIL ENGINEERING- At the Lab CI 018 there was one (1) 4-L ambar bottle containing Methanol, Ethyl Acetate, Dichloromethane and Acetone labelled as “Hazardous and dated as November 10, 2022, which exceeded six months LMP collection protocols nor labeled as “Unwanted Materials.”

Picture 24 - UPR CIVIL ENGINEERING– At the Lab CI 018 there was one One (1) 4-L container stored in the extractor hood THF (Tetrahydrofuran) and dated as May 5, 2012, not in use and abandoned and not managed as “Unwanted Materials,” without a hazardous waste determination of the content.



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March 8 - 10, 2023**



Picture 25 - UPR CIVIL ENGINEERING- At the Lab CI 018 SSA-1 there were two (2) 5-gallon white containers with organic wastes both labelled as “Hazardous Waste,” and dated with its accumulation start date nor labeled as “Unwanted Materials.”



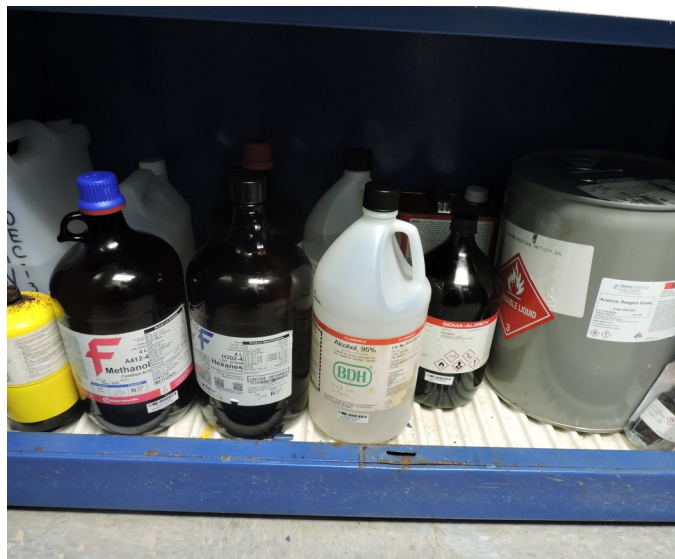
Picture 26 - UPR CIVIL ENGINEERING- At the Lab CI 018 Blue Cabinet Flammable there were two (2) 4-L bottles containing Dichloroethane leaking and covered with moisture, dated January 22, 2011 which decomposes into carbon dioxide and in presence of heat it can produce toxic fumes such as methylene chloride.



Picture 27 - UPR CIVIL ENGINEERING- At the Lab ICI 018 Blue Cabinet Flammable there was one (1) 4-L amber bottle containing Acetone dated April 4, 2014, which is highly flammable and not in use.



Picture 28 - UPR CIVIL ENGINEERING— At the Lab CI 018 Blue Cabinet Flammable there was one (1) 1-gallon metal can with Sodium Borohydride, dated January 01, 2011, leaking on the tray, fully corroded, covered with water moisture and seemed decomposed forming sodium hydroxide and hydrogen.



Picture 29 - UPR CIVIL ENGINEERING- At the Lab CI 018 Blue Cabinet Flammable there was one (1) 4-L ambar bottle containing Titanium Isopropoxide, dated August 2019, which is incompatible with strong oxidizing agents and strong acids

Picture 30 - UPR CIVIL ENGINEERING- At the Lab CI 018 Blue Cabinet Flammable there was one (1) 4-L ambar bottle containing Methanol, dated March 2015, not in use, abandoned which vapors decompose to form carbon monoxide gas and hydrogen gas



Picture 31 - UPR CIVIL ENGINEERING- At the Lab CI 018 Blue Cabinet Corrosive there was one Four (4) 4-L ambar bottles containing Acetic Anhydride (Aceti Acid Glacial) dated from years 2009 thru 2011, in deteriorated conditions and labels being vanished not in use and abandoned.

Picture 32 - UPR CIVIL ENGINEERING— At the Lab ICI 018 Blue Cabinet Corrosive there were three (3) 4-L ambar bottles containing Hydrochloric Acid, dated January 27, 2020, deteriorated conditions and labels being vanished. Acetic Anhydride is not compatible with Hydrochloric Acid and should not be stored



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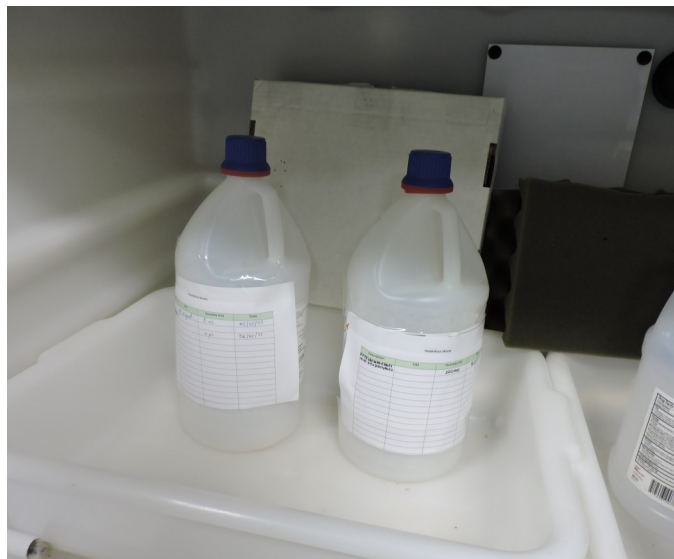
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Picture 33 - UPR CIVIL ENGINEERING- At the Lab CI 018 Blue Cabinet Corrosive there were two (2) 2.5-L and ½-L plastic and ambar bottles containing Phosphoric Acid, dated 2014, some old and in deteriorated conditions, not in use and abandoned .



Picture 34 - UPR CIVIL ENGINEERING- At the Lab CI 018 Blue Cabinet Corrosive there was one (1) 1-L ambar bottle containing Hydrochloric Acid, dated 2001, with label being vanished, not in use and abandoned .



Picture 35 - UPR CIVIL ENGINEERING- At the Lab CI 018 Brown Cabinet Flammable there were six (6) 4-L ambar bottles containing Hexane, and n-Hexane, dated from 2005 – 2016.



Picture 36 - UPR CIVIL ENGINEERING— At the CI 018 Brown Cabinet Flammable there were Eight (8) 4-L plastics and ambar bottles containing Methanol, Water HPLC Grade, Ehtyl Acetate, and Xylene, dated from 2005 – 2014. The Ethyl Acetate was labeled as “Non in Use Contaminated.”



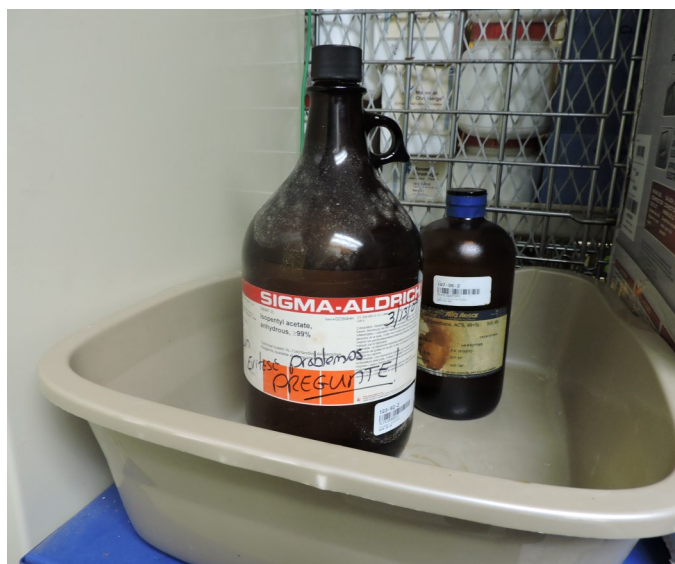
Picture 37 - UPR CIVIL ENGINEERING- At the Lab CI 018 Brown Cabinet Flammable there were seven (7) 2-L amber bottles containing Methanol, Hexane, Methylpentane, Isopentyl Acetate, and Ethylene, dated from 2005 – 2016. One of the bottles containing Isopentyl Acetate was labeled as “Avoid Problems - Ask.”



Picture 38 - UPR CIVIL ENGINEERING- At the Lab CI 018 EPA Inspectors observed numerous expired chemicals (since < 1986), discarded, contaminated, various unused chemical reagents, deteriorated and stored for a long time in shelves without physical protection each other from incompatibility characteristics.



Picture 39 - UPR CIVIL ENGINEERING - At the Lab CI 018 all these chemical reagents were not in use, expired and discarded a long time ago from various laboratory research and were stored in this area and never declared as “solid waste material,” or notified to the OPASO for final disposition.



Picture 40 - UPR CIVIL ENGINEERING - At the Lab CI 018 there was no hazardous waste determination being performed on abandoned, expired, not in use, discarded hazardous chemical waste inventory before its final disposal nor have been managed under the Laboratory Management Plan.



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