Quick Chart for sorting, collecting, and classifying experimental waste liquids Revised in june 2023 Experimental waste liquid Solid chemicals are regulated to be discharged at the time of chemical waste collection. Contains any of the following substances? · Compounds including Be, Tl, Os, and organo-Se · PCB YES · Metallic mercury, organomercury, mercury amalgam • Polymer compounds • Polymerizable substances Consult the ECC • Explosive substances • Gas-generating substances Infectious waste
Mutagenic substances Precipitates are regulated to be Filtration of precipitates | Precipitates discharged when collecting waste YES Contains organic substances? Mixture of organic substances into inorganic waste liquid is prohibited. Mixture of inorganic substances into organic waste liquid is acceptable. Waste liquid containing Inorganic waste liquid Specify that in the organic substanaces comment box of the request form. (the tank Contains mercury? will be disposed.) Contains florine or inorganic Persistant cyan YES fluorine compounds (1% or more)? Potassium ferrocyanide, (White) pH is Contains phosphoric acid (10% Potassium ferricyanide etc. or more)? **J**adjustable Contains cyan? NO to 11 or higher? Free ionized cyan Contains hydrocyanic acid and Sodium cyanide, inorganic cyanide compounds? If it contains mercury cyanide, Potassium cyanide etc. mercury, they are regulated to be NO stored at the discharger, and outsourced wrap the handle in a red to the contractor when collecting waste pH is adjustable Contains organic halogen compounds? YES Concentration of mercury D NO Contains mercury? ion is 1,000 ppm or less? (Yellow) Specify that in the comment NO box of the request form. Dilute the waste liquid. Biological waste liquid?\*\* Contains 5% or more of water? Specify that in the \*If the concentration of YES Contains any of comment box of the ethidium bromide is 1% fluorine, bromine, or or more, specify that in request form. (the tank phosphoric acid? the comment box of the will be disposed.) request form. Special Contains 5% or flammable more of water? materials YES YES How to store the empty tanks: • The empty tanks to be stored indoors. · Not allowed to use the tanks for any other purposes. \*The content special flammable C-2Developing solution If you have any questions, access the following URL materials need to be reduced to (Green) or fixing solution? and send a consultation form; http://www.env.tohoku.ac.jp/soudannmaekakunin.html Tohoku University Environment Conservation Center (ECC)

TEL (extension 92-7529 (only in Japansese))

http://www.env.tohoku.ac.jp/index-j.html

It are regulated to be discharged

when collecting waste chemicals.

YES

(White)

(Brown)

G-A

(Orange

G-C

(Orange

(Red)

pH is adjustable

to 11 or higher.

YES

YES pH is adjustable NO

Wate oil is

a 10L tank.

main component

Discharge it using

NO

Specify that in the comment

box of the request form.

pH is adjustable

to 4 or higher.

YES

(Green)

to 4 or higher.

to 4 or higher.