0.0005 0.5 0.005 0.003 0.1 0.2 0.02 0.04 0.4 0.06 0.02 0.06 0.03 0.2 0.1 10 pg/L Name of Section, etc.: Faculty/School of OC 0.1 100 0.002 Be creative in posting the following table in each laboratory, such as color-coding frequently-used chemicals and substances of high risk and/or importance. [Reference] Std. (mg/L)<sup>4</sup> 1. Sewage discharge standards based on Japan's national Sewerage. Act and Kumamoto City's sewage water regulations 2. Environmental standards concerning apprunt/water pollution.
2. Environmental standards concerning apprunt/water pollution.
2. Environmental standards concerning apprunt/water pollution. (Reference) If 1 g of toxic substances flows out into 1  $m^{\rm p}$  (1,000 L) of wastewater, the concentration in the wastewater will be 1 mg/L. Scope] Discharge of toxic or other substances shown in the table below into drains or other places Organic phosphorus compounds (parathion methyl parathion, EPN) Hexavalent chromium and its compounds Suspicious cases of spillage to be included
 Any spill must be addressed regardless of the amount of substance leaked. Mercury, other mercury compounds nds. Dioxins and dioxin-like compounds Crude oil, heavy oil, lubricating oil, light oil, kerosene, volatile oil Polychlorinated biphenyls (PCBs) English name Ammonia, ammonium compount intrite, and nitrate compounds Chloroethylene (vinyl chloride Cadmium and its compounds Selenium and its compounds Fluorine and its compounds Arsenic and its compounds Boron and its compounds Animal and vegetable oils Lead and its compounds cis-1,2-dichloroethylene 1,1,1-trichloroethane Cyanide compounds 1,1,2-trichloroethane 1,1-dichloroethylene Carbon tetrachloride 1,3-dichloropropene Tetrachloroethylene I,2-dichloroethane Dichloromethane Trichlorethylene Alkyl mercury Thiobencarb 1,4-dioxane This flow must be prepared by each Section or group and posted in an easily visible location such as near a kitchen sink. Simazine Benzene Thiuram 有機嫌化合物(パラチオン、メチルパラチオン、メチルパラチオン、メチルジメトン及びEbNIC限る。) 揮光油 クロロエチレン (塩化ビニルモノマー) 原油、重油、潤滑油、輕油、灯油、 アンモニア、アンモニウム化合物、 亜硝酸化合物及び硝酸化合物 Japanesename 水銀及びその他の水銀化合物 カドミウム及びその化合物 六価クロム及びその化合物 シス-1,2-ジクロロエチレン ポリ塩化ビフェニル(PCB) 1,1,1-F U 2 H H Z 2 V 1,1,2-F U 2 D D D D D Z 2 V ふっ素及びその化合物 テトラクロロエチレン セレン及びその化合物 ぼう素及びその化合物 1,3-9 9 8 8 7 8 7 8 4 9 1,1-ジクロロエチレン 砒素及びその化合物 トリクロロエチレン **1.2-ジクロロエタン** 鉛及びその化合物 USXDDCS チオベンカルブ ダイオキシン類 1,4-9,3 + + + > アルキル水銀 シアン化合物 四塩化炭素 動植物油 チウラム くらとら CACX Section to make entries Section to make follow the Section's emergency contact system as well as this flowchart. ------For communication within the Section, Date of spill: mm/dd/yyyy hh:mm to mm/dd/yyyy hh:mm General, Auditor, and Operation Site General Safety & Health Manager If the cannot be reached within about 1–2 hours after discovery of the spill, the or the must inform the. \* Data recorded when a spill occurs into the storage tank and check EF. Trustee (Crisis Management) = Secretary ater in the storage Widder Responsible for OOOO, OOOO Dept. 096-XXXXX Data recorded when a spill occurs
 month day hour to notify Trustee (personnel and labor affairs) Resume water supply (Holidays/nights) XXX-XXXX-XXXX Saburo Kumamoto 096-XXXXXX (Holidays/nights) XXX-XXXXXXXXX the worki Head of Section, Division, etc. \* Data recorded when a spill occurs Floor/room name: floor Substance name & amount released: taribles. rit company. Section clerk (name: hour Location of spill, district name: © Emergency Response Flow for Spills of Toxic or Other Substances History & outline of the spill: Building name: President, Name of Section, etc.): day First-aid measures: onth min Data recorded when a to notify day will be suspended until the water quality test results experiment using water may be going on with no one attending on holidays or at night. The responsible Section will bear the costs of the water quality testing described on the right On weekdays, contact concerned parties in the building and <u>close the water supply app</u>. On holidays or anight, contact users in the building and take measures such as not using water as much as possible. spection may be conducted by the city, possibly followed by administrative drainage pumps and the drainage pump of the storage month pill occurs Be cautious of risks such as a fire caused by stopping water supply taps because an Group to make entries ication system in place in each building preventing outflows to the outside other substance shown in the following flowchart will be used to simultaneously substances from flowing to the outside environment. of such discharge In the event of any toxic or other substance shown the table on the right being discharged to drains or that each Section has a to City and/or oth prities and take measures to prevent spilled (Holidays/nights) XXX-XXXX-XXXX Chemical Substance Management Promoter Jiro Kumadai 096-XXX-XXXX (Holidays/nights) XXX-XXXX-XXXX Taro Kumamoto 096-XXX-XXXXX Facilities Management Div., Safety & Health to notify notify Data recorded when a spill occurs month day hour Data recorded when a spill occurs month day hour to notify \* Data recorded when a spill occurs month day hour (Weekdays) 096-342-3234 (Holidays/nights) 080-4720-8334 Chemical Substance Manager Important to report to Kumamoto City and Faculty member in charge (name: Syuc 096-381-6340 (Weekdays: 8:30-17: 096-381-0012 (other than above) uding suspicion for preventing First discoverer (name: Make su oto City Wate to Kur Management Team e water supph nces to the or . show "normal." An on-site inspec disciplinary actio places promptiv and ۰.

## Reference Material 8. Emergency Response Flow for Spills of Toxic or Other Substances