

FTKA LABORATORY PROFILE



MAKMAL ALAM SEKITAR
ENVIRONMENTAL LABORATORY

FTKA

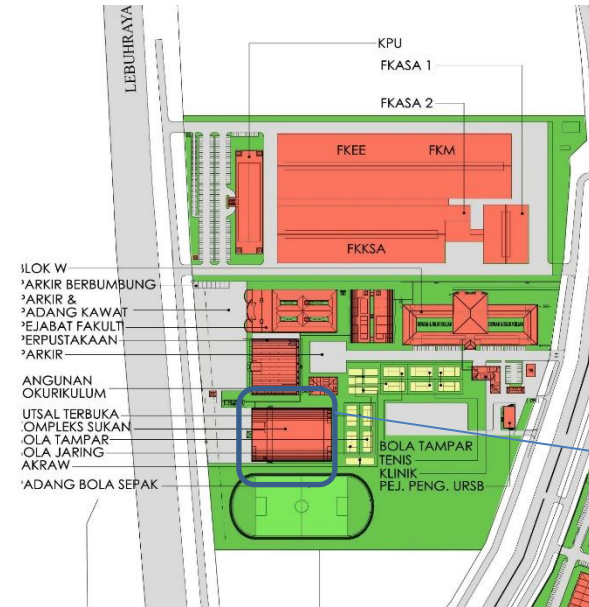
BLOK C MAKMAL FTKA

ENVIRONMENTAL LABORATORY

BASIC INFORMATION

Location:
Blok C Makmal FTKA

Person In Charge :
Contact Us:



Environmental
Laboratory

Person in Charge

No	Name	Phone and email
1	Pn. Norazimah binti Abdul Aziz	Office: Email : norazimah@umpsa.edu.my
2	En. Zu Iskandar bin Kamarudin	Office: - Email : zu@umpsa.edu.my
3	En. Ahmad Shuhaimi bin Embong	Office: - Email : asmie@umpsa.edu.my

LIST OF EQUIPMENTS

Nature of Equipments

- This lab consist of environmental laboratory equipment.
- Experiments are related to the environmental testings.

No	Item	Quantity	Status	usage
1	DISSOLVE OXYGEN METER	3	ok	PnP & RnD
2	INCUBATOR	3	ok	PnP & RnD
3	PH METER	3	ok	PnP & RnD
4	VACUUM PUMP	3	ok	PnP & RnD
5	DRYING OVEN	5	ok	PnP & RnD
6	ANALYTICAL BALANCE	4	ok	PnP & RnD
7	JAR TEST / FLOCCULATOR	3	ok	PnP & RnD
8	TURBIDIMETER	3	ok	PnP & RnD
9	U/V VIS SPECTROPHOTOMETER	3	ok	PnP & RnD
10	COD REACTOR	3	ok	PnP & RnD
11	WATER ANALYSIS EQUIPMENT	1	ok	PnP & RnD
12	LAMINAR FLOW	1	ok	PnP & RnD

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No	Item	Quantity	Status	usage
13	WATER BATH	1	ok	PnP & RnD
14	DUCTLESS FUMEHOOD	1	ok	PnP & RnD
15	FUME HOOD	1	ok	PnP & RnD
16	ATOMIC ABSORPTION SPECTROPHOTOMETRY HYDRADE SYSTEM	1	ok	PnP & RnD
17	TOTAL ORGANIC CARBON ANALYZER	2	ok	PnP & RnD
18	FURNACE	1	ok	PnP & RnD
19	CHILLER	1	ok	PnP & RnD
20	CENTRIFUGE	1	ok	PnP & RnD
21	SHAKER	1	ok	PnP & RnD
22	HANDHELD MULTIPARAMETER	1	ok	PnP & RnD
23	PORTABLE DO METER	1	ok	PnP & RnD
24	PORTABLE PH METER	1	ok	PnP & RnD

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No	Item	Quantity	Status	usage
25	COLORIMETER	1	ok	PnP & RnD
26	PORTABLE AIR SAMPLER	1	ok	PnP & RnD
27	GAS DETECTOR	1	ok	PnP & RnD

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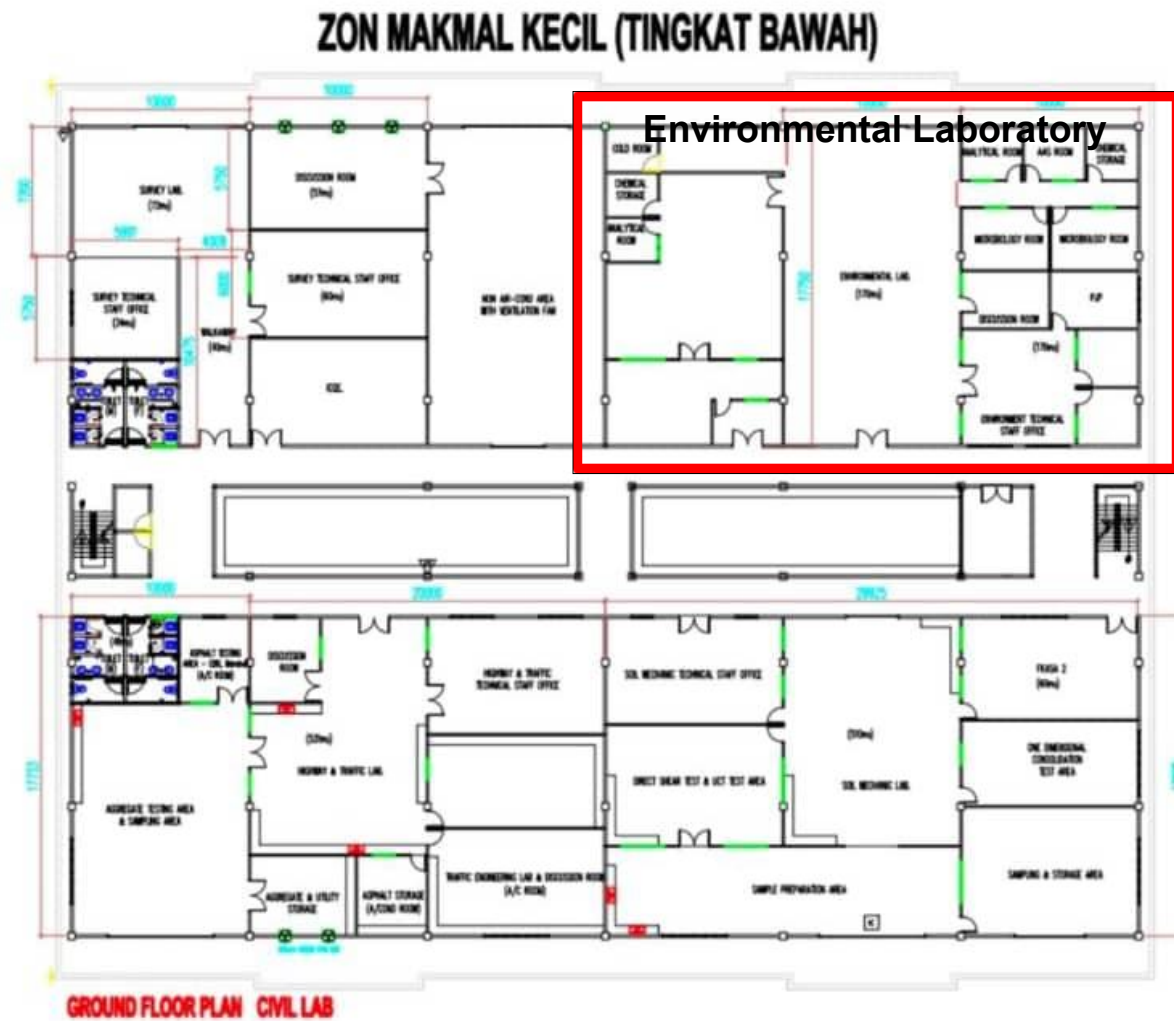
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LIST OF SERVICES

No	Testing
	Water and waste water analysis testing
	1. Total Suspended Solid (TSS) 2. Chemical Oxygen Demand (COD) 3. Biochemical Oxygen Demand (BOD) 4. Turbidity 5. E-Coli 6. Total Coliform 7. Ph 8. Oil & grease
	*Remarks: All testing are without ISO Certification.

LAB LAYOUT



WATER AND WASTE WATER TESTING

JAR TEST & TURBIDITY



BIOCHEMICAL OXYGEN DEMAND (BOD)



TOTAL SUSPENDED SOLID (TSS)



CHEMICAL OXYGEN DEMAND (COD)



TOTAL COLIFORM AND E. COLI TESTING



OIL & GREASE



LAB PICTURES



DISSOLVED OXYGEN METER



PH METER



DRYING OVEN



JAR TEST / FLOCCULATOR



TURBIDIMETER



WATER ANALYSIS EQUIPMENT



COD REACTOR



U/V VIS SPECTROPHOTOMETER



LAMINAR FLOW



ANALYTICAL BALANCE



DUCTLESS FUMEHOOD



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LAB PICTURES



COLD ROOM



CENTRIFUGE



SHAKER



HANDHELD MULTIPARAMETER



PORTABLE DO METER



PORTABLE PH METER



COLORIMETER



GAS DETECTOR



PORTABLE AIR SAMPLER



ATOMIC ABSORPTION SPECTROSCOPY



TOTAL ORGANIC CARBON ANALYZER