

Form IV A
[See rule 13(12)]

Annual Report Information on Bio- Medical Waste Management Submitted By Mizoram
Pollution Control Board, for a Period from January to December, 2021

1	Name of Organisation	Mizoram State Pollution Control Board
2	Name of nodal Officer with contact telephone number& e- mail	C. Lalduhawma, Member Secretary 91-9436142012 mpcb@mizoram.gov.in
3	Total no. of Health Care Facilities/ Occupiers:	316 Nos
i	Bedded Hospitals & nursing Homes (bedded)	98 (2 Nos of blood banks attached to 2 Nos HCFs)
ii	Clinics, dispensaries	211
iii	Veterinary Institutions	1
iv	Animal Houses	1
v	Pathological laboratories	1
vi	Blood banks	NIL, There are no stand-alone blood banks 2 blood banks in 2HCFs are included in Sl. No 3i.
vii	Clinical Establishments	0
viii	Research Institutions(Nursing College)	3
ix	AYUSH	1 (bedded HCF)
4	Total no. of beds	3546
5	Status of authorization:	
i	Total number of occupiers applied for authorization	25 for the reporting year. Cumulative total authorization granted till December 2021 is 238 Nos.
ii	Total number of occupiers granted authorization	25
iii	Total number of application under consideration	NIL
iv	Total number of application rejected	NIL
v	Total number of Occupiers in operation without applying for authorization	NIL
6	Quantity of Bio- Medical Waste Generation (kg/day)	803.573 kg/day (District Wise Bio- Medical Waste Generation enclosed in Part- 2)
i	Bio- Medical waste Generation by bedded hospitals (kg/day)	722.765 kg/day (inclusive of COVID Waste)
ii	Bio- Medical waste Generation by non-bedded hospitals (kg/day)	80.808 kg/day
iii	Any other	
	COVID Waste (kg/day)	101.21 kg/day out of 722.765 kg of total bio-medical waste generated by bedded HCFs
7	Bio- Medical Waste Treatment & Disposal:	
(a)	By Captive bio- medical treatment and disposal by Health care Facilities	803.573 kg/day (Details enclosed as per part 3)
i	Number of HCF having captive treatment & Disposal facilities	99
ii	Total bio- medical waste treated and disposed by captive treatment facilities in kg/day	803.573 kg/day

(b)	Bio- Medical Waste treatment & disposal by Common Bio Medical Waste Treatment Facilities :	NIL (Details enclosed as per part 4)
i	Number of Common Bio Medical Waste Treatment Facilities in Operation	NIL
ii	Number of Common Bio Medical Waste Treatment Facilities under construction	NIL
iii	Total bio- medical waste treated in kg/day	NIL
iv	Total treated bio- medical waste disposed through authorized recyclers (kg/day)	NIL
8	Total no. of violations by:	
i	Health Care Facilities (bedded & non bedded)	NIL
ii	Common Bio Medical Waste Treatment Facilities	Not Applicable
iii	Others (please specify)	NIL
9	Show cause notice/ direction issued to defaulter	NIL
i	Common Bio Medical Waste Treatment Facilities	NIL
ii	Others	NIL
10	Any other relevant information	
i	Number of workshops/ trainings during the year	30
ii	Number of occupiers installed liquid treatment facility	99
iii	Number of captive incinerators complying to the norms	3
iv	Number of occupiers conducted training	15
v	Number of occupiers constituted Bio- medical Waste Management Committees	45
vi	Number of occupiers submitted Annual Report for the previous calendar year	144 HCFs for the year 2020
vii	Number of occupiers practicing pre- treatment of lab microbiology & bio- technology waste	33 Nos
viii	Number of Common Bio Medical Waste Treatment Facilities that have installed Continuous Online Emission Monitoring Systems	N/A, as there is no Common Bio- Medical Waste Treatment Facility in the State.

Part 2: District wise Bio-Medical Waste Generation for 2021							
Sl. No	Name of State	Name of District	Bio-Medical Waste Generation (kg/day)	Existing total Bio-Medical waste treatment capacity (both captive and CBMWTF) in Numbers (Nos)			
				Incinerator	Deep burial pit	Sharp pit	Shredder
1	MIZORAM	Aizawl	507.83	4	110	112	3
2		Lunglei	65.083	1	31	31	0
3		Siaha	14.424	1	11	15	0
4		Champhai	55.12	1	46	46	0
5		Kolasib	68.8	1	45	45	0
6		Serchhip	12.18	1	5	5	0
7		Lawngtlai	40.74	1	24	24	0
8		Mamit	39.406	1	11	11	0
TOTAL			803.573	11*	2283	289	3

**Note : - Out of the total of 11 incinerators only 3 incinerators located at Aizawl district are functional and 1 Nos under Animal Husbandry and Veterinary Department not in operation due to complaints from nearby residents.*

- As per report, 7Nos of incinerators located in other districts are not operational/ functional since its installation due to some technical problem.

Part 3.: INFORMATION OF HEALTH CARE FACILITIES HAVING CAPTIVE TREATMENT FACILITY FOR 2021

Sl. No	Name & Address of HCF	No of beds	Quantity of BMW generation in kg/day				Total BMW generated kg/day	Total installed capacity per day			Any other				Total BMW treated & disposed in kg/day
			Yellow	Red	Blue	White		Incinerator	Autoclave	Deep burial	Shredder	Needle destroyer	micro wave	Sharp pit	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
A. Aizawl															
1	Civil Hospital	300	8.92	157.4	6.18	6.43	178.93	0	0	0	0	42	0	1	Incineration: 69.22
2	SRHF-ZMC	300	38.35	35.61	3.33	0.67	77.96	2	1	1	0	11	0	1	Autoclave 279.07
3	Kulikawn Hospital	50	2.5	1.41	0.14	0.16	4.21	0	0	1	0	5	0	1	Deep burial 78.65
4	Mizoram State Cancer Institute	50	2.1	3	2	9.2	16.3	0	2	1	0	5	0	1	Any other (Sharp pit) 80.89
5	Nazareth Hospital	30	2	1.7	1	1	5.7	0	1	1	0	4	0	1	Total 507.83
6	Mizoram College of Nursing	NB	0.01	0	0	0.01	0.02	0	0	0	0	1	0	1	
7	Rural Animal Slaughter House, Mualpui	NB	2	0.3	0.2	0.2	2.7	0	0	1	0	0	0	0	
8	State Veterinary Polyclinic Hospital	NB	0.3	0.2	0.1	0.3	0.9	0	2	1	0	1	0	2	
9	LRM Hospital	86	1.78	2.35	0.13	0.07	4.33	0	1	1	1	14	0	1	
10	Greenwood Hospital	84	11.7	17.9	0.07	1.09	30.76	0	2	1	0	10	0	1	
11	Trinity Hospital	110	3.97	11.51	3.47	0.08	19.03	1	1	0	1	15	0	0	
12	Ebenezer Medical Centre	100	9.53	12.79	6.11	6.35	34.78	0	1	0	0	16	0	0	
13	Alpha Hospital, Kulikawn	34	0.5	0.44	0.23	0.23	1.4	0	1	1	0	7	0	1	

14	Rosewood Hospital	18	0.5	0.5	0.1	0.2	1.3	0	1	1	0	2	0	1		
15	Care Hospital	19	0.41	0.61	0.13	0.13	1.28	0	1	1	0	5	0	1		
16	Eye Care Hospital	NB	0.25	0.3	0.05	0.01	0.61	0	1	1	0	2	0	1		
17	J.C Eye Hospital	NB	0.02	0.03	0	0.01	0.06	0	0	1	0	3	0	1		
18	B.N Hospital & Research Centre	50	2.16	0.73	3.55	0.16	6.6	0	1	1	0	15	0	1		
19	Bethesda Hospital	30	1	0.5	0.1	0.23	1.83	0	1	1	0	10	0	1		
20	Aizawl Hospital & Research Centre	146	5.7	10.8	5.9	0.98	23.38	0	1	1	0	16	0	1		
21	Synod Hospital	355	16.6	5	5	0.98	27.58	0	1	1	0	20	0	1		
22	Aizawl Adventist Hospital	50	2.1	2.5	2	0.23	6.83	0	0	1	0	7	0	1		
23	Armed Veng 'S' Clinic	NB	0.01	0.03	0.08	0.01	0.13	0	0	1	0	1	0	1		
24	Armed veng Sc	NB	0.01	0.01	0.01	0.01	0.04	0	0	0	0	1	0	0		
25	Baktawng HWC	NB	0.06	0.06	0.01	0.01	0.14	0	0	0	0	1	0	0		
26	Bawngkawn HWC	NB	0.13	0.05	0	0	0.18	0	0	0	0	1	0	0		
27	Bawngkawn South Clinic	NB	0.07	0.01	0.01	0.01	0.1	0	0	0	0	1	0	0		
28	Bethlehem Vengthlang HWC	NB	0.03	0.03	0.01	0.01	0.08	0	0	0	0	1	0	0		
29	Bethlehem Clinic	NB	0.01	0.01	0.01	0.01	0.04	0	0	0	0	1	0	0		
30	Phuaibuang PHC	10	0.21	0.27	0.27	0.05	0.8	0	1	1	0	2	0	1		
31	Daido SC	NB	0.03	0.05	0.06	0.02	0.16	0	0	1	0	1	0	1		
32	Khawlian SC	NB	0.04	0.08	0.06	0.02	0.2	0	1	1	0	2	0	1		
33	NE Tlangnuam Clinic	NB	0.02	0.02	0.02	0.01	0.07	0	1	1	0	2	0	1		
34	New Vervek HWC	NB	0.57	0.11	0.26	0.06	1	0	0	1	0	1	0	1		
35	Palsang HWC	NB	0.26	0.15	0.24	0.09	0.74	0	0	1	0	1	0	1		

36	Hmarveng, Sakawrdai HWC	NB	0.06	0.5	0.2	0.2	0.96	0	0	1	0	1	0	1		
37	Thingsat HWC	NB	0.34	0.93	0.14	0.08	1.49	0	0	1	0	1	0	1		
38	Tingmun HWC	NB	0.72	0.23	0.26	0.09	1.3	0	0	1	0	1	0	1		
39	Zohmun HWC	NB	0.45	0.12	0.23	0.07	0.87	0	0	1	0	1	0	1		
40	Buhban HWC	NB	0.07	0.07	0.07	0.07	0.28	0	0	1	0	1	0	1		
41	Chaltlang HWC	NB	0.06	0.05	0.03	0.02	0.16	0	0	1	0	1	0	1		
42	Chaltlang North Clinic	NB	0.05	0.03	0.04	0.01	0.13	0	0	1	0	1	0	1		
43	Chanmari SC	NB	0.01	0.01	0.01	0.01	0.04	0	0	1	0	1	0	1		
44	Chanmari West HWC	NB	0.01	0.01	0.01	0.01	0.04	0	0	1	0	1	0	1		
45	Chhinga Veng HWC	NB	0.05	0.03	0.05	0.05	0.18	0	0	1	0	1	0	1		
46	Chite Clinic	NB	0.01	0.01	0.01	0.01	0.04	0	0	1	0	1	0	1		
47	College Veng Clinic	NB	0.02	0.02	0.01	0.01	0.06	0	0	1	0	1	0	1		
48	Dawrpui Clinic	NB	0.01	0.01	0.01	0.01	0.04	0	0	1	0	1	0	1		
49	Sub-District Hospital Saitual	30	18.5	0.49	0.05	0.05	19.09	0	1	1	0	4	0	1		
50	Durtlang HWC	NB	0.05	0.05	0.01	0.01	0.12	0	0	1	0	1	0	1		
51	Durtlang Mel-5 Clinic	NB	0.05	0.02	0.01	0.01	0.09	0	0	1	0	2	0	1		
52	Durtlang North Clinic	NB	0.06	0.01	0.01	0.01	0.09	0	0	1	0	2	0	1		
53	East Phaileng SHC-HWC	NB	0.01	0.02	0	0.01	0.04	0	0	1	0	1	0	1		
54	Edentharr HWC	NB	0.01	0.01	0.01	0.01	0.04	0	0	1	0	1	0	1		
55	Electric Veng HWC	NB	0.01	0.01	0.02	0.01	0.05	0	0	1	0	1	0	1		
56	Falkland Clinic	NB	0.01	0.01	0.01	0.01	0.04	0	0	1	0	1	0	1		
57	N.Serzawl HWC	NB	0.01	0.01	0.01	0.01	0.04	0	0	1	0	1	0	1		
58	Vanbawng HWC	NB	0.01	0.01	0.01	0.01	0.03	0	0	1	0	1	0	1		

59	Darlawn PHC	10	0.3	0.4	0.1	0.08	0.88	0	1	1	0	3	0	1		
60	Darlawn SC	NB	0.01	0.01	0.01	0.01	0.04	0	0	1	0	1	0	1		
61	Ratu Sub Centre	NB	0.01	0.01	0.01	0.01	0.04	0	0	1	0	1	0	1		
62	Sailutar Clinic	NB	0.01	0.01	0.01	0.01	0.04	0	0	1	0	1	0	1		
63	Sawleng Sub-Centre	NB	0.01	0.01	0.01	0.01	0.04	0	0	1	0	1	0	1		
64	North Khawlek SC	NB	0.01	0.01	0.01	0.01	0.04	0	0	1	0	1	0	1		
65	Chhanchhuahna khawpui Clinic	NB	0.01	0.01	0.01	0.01	0.04	0	0	1	0	1	0	1		
66	Kepran HWC	NB	0.03	0.03	0.01	0.02	0.09	0	0	1	0	1	0	1		
67	Sunhluchhip Clinic	NB	0.02	0.01	0.01	0.01	0.05	0	0	1	0	1	0	1		
68	Suangpuiawn SC	NB	0.01	0.02	0.01	0.01	0.05	0	0	1	0	1	0	1		
69	ITI UPHC	11	1	1	0.5	0.6	3.1	0	3	1	0	4	0	1		
70	Keifang HWC	NB	0.01	0.01	0.01	0.01	0.04	0	1	1	0	2	0	1		
71	Khanpui HWC	NB	0.01	0.01	0.01	0.01	0.04	0	0	1	0	1	0	1		
72	Khawruhlian PHC	10	0.08	0.03	0.03	0.01	0.15	0	0	1	0	2	0	1		
73	Khawruhlian Sub-Centre	NB	0.02	0.01	0.02	0.01	0.06	0	0	1	0	1	0	1		
74	Khumtung SC	NB	0.06	0.06	0.06	0.05	0.23	0	0	1	0	1	0	1		
75	Laipuitlang Clinic	NB	0.01	0.01	0.01	0.01	0.04	0	0	1	0	1	0	1		
76	Lenchim HWC	NB	0.01	0.01	0.01	0.01	0.04	0	0	1	0	1	0	1		
77	Maite HWC	NB	0.01	0.01	0.01	0.01	0.04	0	0	1	0	1	0	1		
78	Muthi Clinic	NB	0.1	0.03	0.01	0.02	0.16	0	0	1	0	1	0	1		
79	Phullen Sub-Centre	NB	0.1	0.03	0.01	0.01	0.15	0	0	1	0	1	0	1		
80	Phullen PHC	5	1.5	0.54	0.4	0.7	3.14	0	1	1	0	4	0	1		
81	Ramhlun South Clinic	NB	0.11	0.6	0.05	0.04	0.8	0	0	1	0	2	0	1		
82	Ramhlun Vengthar Clinic	NB	0.2	0.05	0.01	0.01	0.27	0	0	1	0	1	0	1		

83	Ramthar SC	NB	0.01	0.03	0.01	0.01	0.06	0	0	1	0	1	0	1		
84	Rulcahwm HWC	NB	0.03	0.02	0.01	0.01	0.07	0	0	1	0	1	0	1		
85	Seling SC	NB	0.02	0.01	0.06	0.04	0.13	0	0	1	0	1	0	1		
86	Sesawng SC	NB	0.05	0.02	0.01	0.01	0.09	0	0	1	0	1	0	1		
87	Sihfa HWC	NB	0.02	0.02	0.02	0.01	0.07	0	0	1	0	1	0	1		
88	Sihphir HWC	NB	0.5	0.2	0.01	0.01	0.72	0	0	1	0	1	0	1		
89	Sihphir UPHC	5	0.1	0.02	0.02	0.01	0.15	0	1	1	0	6	0	1		
90	Sihphir Venghlun Clinic	NB	0.26	0.2	0.01	0.05	0.52	0	0	1	0	1	0	1		
91	Suangpuilawn PHC	10	0.1	0.01	0.01	0.01	0.13	0	0	1	0	4	0	1		
92	Thanglailung SC	NB	0.03	0.02	0.01	0.01	0.07	0	0	1	0	1	0	1		
93	Tlangnuam Clinic	NB	0.1	0.01	0.01	0.01	0.13	0	0	1	0	1	0	1		
94	Thingsulthiah PHC	20	1.26	1.01	0.92	0.04	3.23	0	1	1	0	4	0	1		
95	Thingsulthiah SC	NB	0.21	0.1	0.01	0.01	0.33	0	0	1	0	2	0	1		
96	Thuampui Clinic	NB	0.05	0.02	0.01	0.01	0.09	0	0	1	0	1	0	1		
97	Tlungvel Sub-Health Centre	NB	0.07	0.1	0.06	0.04	0.27	0	0	1	0	1	0	1		
98	TNT clinic	NB	0.03	0.02	0.01	0.01	0.07	0	0	1	0	1	0	1		
99	Tualbung HWC	NB	0.02	0.05	0.01	0.01	0.09	0	0	1	0	1	0	1		
100	Tuirial Airfield HWC	NB	0.03	0.02	0.01	0.01	0.07	0	0	1	0	1	0	1		
101	Tuithiang Clinic	NB	0.06	0.04	0.02	0.01	0.13	0	0	1	0	1	0	1		
102	Vaitin HWC	NB	0.02	0.05	0.06	0.04	0.17	0	0	1	0	1	0	1		
103	Venghlui HWC	NB	0.3	0.02	0.01	0.01	0.34	0	0	1	0	1	0	1		
104	Zarkawt Clinic	NB	0.03	0.02	0.01	0.01	0.07	0	0	1	0	1	0	1		
105	Zemabawk North Clinic	NB	0.03	0.01	0.01	0.01	0.06	0	0	1	0	1	0	1		
106	Zemabawk UPHC	8	0.33	0.66	0.01	0.01	1.01	0	0	1	0	4	0	1		
107	Zuangtui SC	NB	0.05	0.02	0.01	0.01	0.09	0	0	1	0	1	0	1		

108	Armed veng HWC	NB	0.06	0.01	0.01	0.01	0.09	0	0	1	0	1	0	1		
109	Sakawrdai CHC	30	2.45	1.8	0.1	0.2	4.55	0	1	1	1	5	1	1		
110	Sakawrdai SC	NB	0.02	0.02	0.01	0.01	0.06	0	0	1	0	1	0	1		
111	Zohmun HWC	NB	0.45	0.2	0.23	0.01	0.89	0	0	1	0	1	0	1		
112	Mauchar HWC	NB	0.78	0.23	0.32	0.14	1.47	0	0	1	0	1	0	1		
113	Baktawng HWC	NB	0.02	0.05	0.02	0.01	0.1	0	0	1	0	1	0	1		
114	Aibawk PHC	6	0.49	0.49	0.68	0.68	2.34	0	2	1	0	3	0	1		
115	Lengpui PHC	10	0.16	0.06	0.02	0.02	0.26	0	0	1	0	5	0	1		
116	Sairang PHC	6	0.16	0.2	0.1	0.2	0.66	0	0	1	0	3	0	1		
117	Sialsuk PHC	6	0.12	0.5	0.25	0.25	1.12	0	0	1	0	2	0	1		
118	Chawhmun UPHC	4	0.73	0.24	0.29	0.09	1.35	0	0	1	0	4	0	1		
119	Hlimen UPHC	5	0.43	0.2	0.13	0.03	0.79	0	0	1	0	3	0	1		
120	Lawipu UPHC	5	0.2	0.3	0.24	0.19	0.93	0	0	1	0	3	0	1		
121	Chawnpui HWC	NB	0.03	0.03	0.01	0.03	0.1	0	0	0	0	2	0	0		
	TOTAL	2003	147.87	279.07	47.12	33.77	507.83	3	34	110	3	365	0	112		
B	KOLASIB															
1	District Hospital, Kolasib	60	7.6	8.3	1.95	4.15	22	1	2	2	0	20	0	2		
2	Nazareth Nursing Home	24	0.033	0.067	0.26	0.034	0.394	0	1	1	0	4	0	1		
3	School of Nursing, Thingdawl	NB	0	0	0	0	0	0	0	0	0	0	0	0		
4	Thingdawl Sub-Centre	NB	0.5	0.7	0.5	0.05	1.75	0	0	1	0	2	0	1	Incineration:	0
5	Khuangpuilam Clinic	NB	0.4	0.3	0.02	0.05	0.77	0	0	1	0	2	0	1	Autoclave	22.45
6	Diakkawn Sub-centre	NB	0.4	0.7	0.5	0.05	1.65	0	0	1	0	2	0	1	Deep burial	31.79
7	Salem Clinic	NB	0.4	0.3	0.02	0.05	0.77	0	0	1	0	2	0	1	Any other (Sharp pit)	14.58

8	College Veng Clinic	NB	0.4	0.3	0.02	0.05	0.77	0	0	1	0	2	0	1	TOTAL	68.82
9	Hmarveng clinic	NB	0.4	0.3	0.02	0.05	0.77	0	0	1	0	2	0	1		
10	Tuitha Veng Sub-Centre	NB	0.5	0.6	0.07	0.05	1.22	0	0	1	0	2	0	1		
11	N.Builum Sub-Centre	NB	0.5	0.7	0.025	0.05	1.275	0	0	1	0	2	0	1		
12	Buhchangphai Sub-Centre	NB	0.5	0.7	0.5	0.05	1.75	0	0	1	0	2	0	1		
13	Park Kawn Clinic	NB	0.5	0.6	0.02	0.05	1.17	0	0	1	0	2	0	1		
14	Tumpui Sub-Centre	NB'	0.5	0.7	0.5	0.05	1.75	0	0	1	0	2	0	1		
15	Vengthar Clinic	NB	0.3	0.2	0.2	0.4	1.1	0	0	1	0	2	0	1		
16	Rengtekawn Clinic	NB	0.2	0.5	1.6	0.01	2.31	0	0	1	0	1	0	1		
17	Bukvannei Clinic	NB	0.4	0.3	0.02	0.06	0.78	0	0	1	0	1	0	1		
18	Bilkhawthlir PHC	10	0.23	0.26	0.03	0.83	1.35	0	0	1	0	5	0	1		
19	Bilkhawthlir Sub-Centre	NB	0.5	0.2	0.04	0.1	0.84	0	0	1	0	2	0	1		
20	Bilkhawthlir Clinic	NB	0.4	0.3	0.02	0.05	0.77	0	0	1	0	2	0	1		
21	N Chawnpui Sub-Centre	NB	0.3	0.2	0.02	0.05	0.57	0	0	1	0	2	0	1		
22	Saiphai Sun-Centre	NB	0.4	0.2	0.02	0.05	0.67	0	0	1	0	2	0	1		
23	Saipum Sub-Centre	NB	0.4	0.2	0.02	0.05	0.67	0	0	1	0	2	0	1		
24	Kawnpui PHC	10	0.5	0.4	0.1	0.06	1.06	0	2	1	0	4	0	1		
25	Kawnpui Sub-Centre	NB	0.01	0.01	0.01	0.01	0.04	0	0	1	0	1	0	1		
26	Hortoki Sub-Centre	NB	0.01	0.01	0.01	0.02	0.05	0	0	1	0	1	0	1		
27	Bualpui Sub-Centre	NB	0.01	0.01	0.01	0.02	0.05	0	0	1	0	1	0	1		

1	District Hospital, Lunglei	160	4.3	1.67	1.34	1.34	8.65	1	5	1	0	30	0	1		
2	District Hospital Hnahthial	30	1.2	2.07	2.52	0.24	6.03	0	1	1	0	6	0	1		
3	Nursing School, Lunglei	NB	0	0	0	0	0	0	0	0	0	0	0	0		
4	Christian Hospital Serkawn	100	5	4	3.33	3.33	15.66	0	3	1	0	13	0	1	Incineration:	0
5	John Williams Hospital	30	0.68	0.33	0.16	0.17	1.34	0	0	1	0	5	0	1	Autoclave	19.257
6	Hope Hospital	35	0.23	0.3	0.27	0.06	0.86	0	1	1	0	3	0	1	Deep burial	19.98
7	Faith Hospital	35	1.16	1.34	1.34	1	4.84	0	2	1	0	2	0	1	Any other (Sharp pit)	25.846
8	Ramlaitui HWC	NB	0.01	0.02	0.02	0.03	0.08	0	0	1	0	1	0	1	TOTAL	65.083
9	Hnahchang SC	NB	0.01	0.01	0.01	0.01	0.04	0	1	1	0	1	0	1		
10	Buarpui PHC	10	0.2	0.06	0.02	0.02	0.3	0	0	1	0	7	0	1		
11	Bunghmun S PHC	10	0.07	0.03	0.03	0.01	0.14	0	0	1	0	2	0	1		
12	Cherhlun PHC	10	0.4	0.36	0.3	0.45	1.51	0	1	1	0	3	0	1		
13	Chhiphir PHC	10	0.54	0.08	0.82	0.01	1.45	0	1	1	0	4	0	1		
14	Haulawng PHC	10	0.07	0.06	0.01	0.01	0.15	0	1	1	0	3	0	1		
15	Hrangchalkawn UPHC	5	0.23	0.2	0.67	0.06	1.16	0	0	1	0	3	0	1		
16	Lungsen PHC	8	0.14	1.98	0.37	0.08	2.57	0	0	1	0	3	0	1		
17	Pangzawl PHC	10	0.95	0.25	0.01	0.02	1.23	0	1	1	0	3	0	1		
18	South Vanlaiphai PHC	6	0.39	0.49	0.13	0.16	1.17	0	2	1	0	5	0	1		
19	Szaikawn UPHC	5	0.16	0.03	0.41	0.05	0.65	0	1	1	0	3	0	1		
20	Tawipui South PHC	10	0.08	0.08	0.18	0.06	0.4	0	0	1	0	3	0	1		
21	Thingsai PHC	10	0.02	0.067	0.026	0.02	0.133	0	1	1	0	1	0	1		

22	Sub-Divisional Hospital, Tlabung	30	2	3.33	1.33	1	7.66	0	0	1	0	3	0	1		
23	Sekhum Clinic	NB	0.01	0.2	0.1	0.01	0.32	0	0	1	0	1	0	1		
24	Sertlanpui Sub Centre	NB	0.5	0.5	0.5	0.5	2	0	0	1	0	1	0	1		
25	Serte Sub centre	NB	0.5	0.5	0.5	0.5	2	0	0	1	0	1	0	1		
26	LungchemSC	NB	0.5	0.5	0.5	0.5	2	0	0	1	0	1	0	1		
27	Khawlek SC	NB	0.1	0.2	0.1	0.1	0.5	0	0	1	0	1	0	1		
28	Changpui SC	NB	0.5	0.5	0.5	0.5	2	0	0	1	0	1	0	1		
29	LP Pharmacy & Clinic	NB	0	0	0	0	0	0	1	0	0	1	0	1		
30	Mualthum N SC	NB	0.03	0.07	0.03	0.02	0.15	0	0	1	0	1	0	1		
31	Haulawng SC	NB	0	0.03	0.01	0.05	0.09	0	0	1	0	1	0	1		
32	Lalveng Clinic	NB	0	0	0	0	0	0	1	0	0	1	0	1		
	Total	524	19.98	19.257	15.54	10.31	65.083	1	23	29	0	114	0	31		
D	SIAHA															
1	District Hospital Siaha	100	1.61	1.5	1.1	0.7	4.91	1	2	1	0	30	0	1		
2	Lobo, Sub- centre Clinic	NB	0.2	0.2	0.002	0.002	0.404	0	0	1	0	1	0	1		
3	Chhaolo, Sub- centre	NB	0.2	0.2	0.002	0.002	0.404	0	0	1	0	1	0	1		
4	No aotlah, Health & Wellness Centre	NB	0.2	0.01	0.25	0.5	0.96	0	0	1	0	1	0	1	Incineration:	0
5	Siata, Health & Wellness Centre	NB	0.02	0.001	0.001	0.001	0.023	0	0	1	0	1	0	1	Autoclave	4.025
6	PHC, Chakhei	3	1	1	0.03	0.04	2.07	0	0	1	0	3	0	1	Deep burial	4.471
7	PHC, Chhaolo	8	1	1	3	0.02	5.02	0	0	1	0	3	0	1	Any other (Sharp pit)	5.928
8	IA-NA Clinic	NB	0	0	0	0	0	0	0	0	0	1	0	0	TOTAL	14.424
9	Lopu Clinic	NB	0	0	0	0	0	0	0	0	0	1	0	0		
10	PHC, Phura	10	0.002	0.002	0.001	0.001	0.006	0	0	1	0	6	0	1		

11	Meipu Clinic	NB	0	0	0	0	0	0	0	0	0	1	0	0		
12	Phura Sub-Centre	NB	0.001	0.001	0.001	0	0.003	0	0	0	0	1	0	0		
13	Pala, Health & Wellness Centre	NB	0.001	0.001	0	0.001	0.003	0	0	0	0	1	0	0		
14	Tokalo, Health & Wellness Centre	NB	0.002	0.002	0.001	0.001	0.006	0	0	0	0	1	0	0		
15	Vahia, Health & Wellness Centre	NB	0.001	0.001	0.001	0.001	0.004	0	0	0	0	2	0	0		
16	Chapi, Health & Wellness Centre	NB	0.002	0.004	0.001	0.002	0.009	0	0	1	0	1	0	1		
17	Saikao, Health & Wellness Centre	NB	0	0	0	0	0	0	0	0	0	1	0	0		
18	Laki, Health & Wellness Centre	NB	0	0	0	0	0	0	0	0	0	1	0	0		
19	Chheihlu Clinic	NB	0	0	0	0	0	0	0	0	0	1	0	0		
20	Zyhno, HWC	NB	0	0	0	0	0	0	0	0	0	1	0	0		
21	Tipa, HWC	NB	0.02	0.001	0	0.001	0.022	0	0	0	0	1	0	0		
22	Amobyu, HWC	NB	0	0	0	0	0	0	0	1	0	1	0	1		
23	Amotlah, HWC	NB	0	0	0	0	0	0	0	1	0	1	0	1		
24	Tipi Ferry, HWC	NB	0	0	0	0	0	0	0	0	0	2	0	0		
25	Meisatla, Clinic	NB	0	0	0	0	0	0	0	0	0	1	0	0		
26	New Colony, Clinic	NB	0.001	0.001	0	0.005	0.007	0	0	0	0	2	0	0		
27	New Siaha, Clinic	NB	0	0	0	0	0	0	0	0	0	1	0	0		
28	Old Siaha, HWC	NB	0.01	0	0	0.01	0.02	0	0	0	0	1	0	1		
29	Siahatlah, HWC	NB	0.05	0	0	0.05	0.1	0	0	0	0	2	0	0		
30	Thiara, HWC	NB	0	0	0	0	0	0	0	0	0	1	0	1		
31	Tisopi, HWC	NB	0.15	0.1	0.1	0.1	0.45	0	0	0	0	1	0	1		
32	Theiva, HWc	NB	0.001	0.001	0.001	0	0.003	0	0	0	0	1	0	1		
	TOTAL	121	4.471	4.025	4.491	1.437	14.424	0	2	11	0	74		15		
E	MAMIT															
1	District Hospital, Mamit	30	10	3	5	1	19	1	1	1	0	9	0	1		

2	PHC, Rawpuichhip	10	0.4	0.2	0.13	0.06	0.79	0	1	1	0	3	0	1	Incineration:	0
3	Kawrtethawveng PHC	9	2.66	0.33	1.5	0.016	4.506	0	1	1	0	3	0	1	Autoclave	6.84
4	Lallen Sub-Centre	NB	0.02	0.01	0.01	0.01	0.05	0	0	1	0	1	0	1	Deep burial	18.57
5	Damparengpui Sub-Centre	NB	0.02	0.03	0.01	0.01	0.07	0	0	1	0	1	0	1	Any other (Sharp pit)	13.996
6	W. Phaileng PHC	10	0.3	0.3	0.03	0.05	0.68	0	1	1	0	10	0	1	39.406	
7	Reick PHC	10	0.07	0.2	0.03	0.03	0.33	0	1	1	0	4	0	1		
8	Phuldungsei PHC	10	1	1.6	2.3	0.16	5.06	0	2	1	0	3	0	1		
9	Kawrthah CHC	30	4	1	2	1.5	8.5	0	1	1	0	3	0	1		
10	Kanghmun PHC	10	0.08	0.1	0.01	0.1	0.29	0	0	1	0	2	0	1		
11	Zawlnuam PHC	10	0.02	0.07	0.02	0.02	0.13	0	1	1	0	1	0	1		
	TOTAL	129	18.57	6.84	11.04	2.956	39.406	1	9	11	0	40	0	11		
F	LAWNGTLAI															
1	District Hospital Lawngtlai	35	7	4	0.6	0.5	12.1	1	1	1	0	15	0	1		
2	Christian Hospital Lawngtlai	40	0.9	3.7	0.4	0.5	5.5	0	0	1	0	4	0	1		
3	Lairam Christian Medical Centre & Hospital	60	2.19	3	3	1	9.19	0	0	1	0	9	0	1		
4	South Lungpher PHC	10	1	0.2	0.2	0.2	1.6	0	3	1	0	5	0	1	Incineration:	0
5	Bualpui NG, PHC	10	0.24	0.14	0.32	0.08	0.78	0	0	1	0	4	0	1	Autoclave	15.09
6	M.Kawnpui Sub-centre	NB	0.5	0.5	0.2	0.2	1.4	0	0	1	0	1	0	1	Deep burial	15.15
7	Tuithumhnar Sub-centre	NB	0.5	0.5	0.2	0.2	1.4	0	0	1	0	1	0	1	Any other (Sharp pit)	10.5
8	Chamdur 'P' Sub-centre	NB	0.5	0.3	0.1	0.2	1.1	0	0	1	0	1	0	1	TOTAL	40.74
9	Sangau PHC	10	1.54	1.8	1.5	0.4	5.24	0	1	1	0	2	0	1		

10	Sangau Sub-centre	NB	0.06	0.4	0.06	0.06	0.58	0	0	1	0	1	0	1		
11	Diltlang 'S' Sub-centre	NB	0.03	0.05	0.01	0.01	0.1	0	0	1	0	1	0	1		
12	Hruitezawl Clinic	NB	0.02	0.03	0.01	0.01	0.07	0	0	1	0	1	0	1		
13	Lungtian HWC	NB	0.13	0.06	0.03	0.03	0.25	0	0	1	0	1	0	1		
14	Ngengpuitlang clinic	NB	0.05	0.05	0.01	0.01	0.12	0	0	1	0	1	0	1		
15	Nghalimlui Clinic	NB	0.05	0.03	0.01	0.01	0.1	0	0	1	0	1	0	1		
16	Pangkhuah SHC	NB	0.2	0.2	0.13	0.1	0.63	0	0	1	0	1	0	1		
17	Siachangkawn Sub-Centre	NB	0.04	0.03	0.03	0.02	0.12	0	1	1	0	1	0	1		
18	Vawmbuk Sub-Centre	NB	0.04	0.02	0.02	0.02	0.1	0	0	1	0	1	0	1		
19	S.Lungpher Sub-Centre	NB	0.03	0.02	0.02	0.01	0.08	0	0	1	0	1	0	1		
20	Chawnhu Clinic	NB	0.01	0	0	0	0.01	0	0	1	0	1	0	1		
21	Thingah Sub-centre	NB	0.03	0.01	0	0	0.04	0	0	1	0	1	0	1		
22	Vengpui Sub-Centre	NB	0	0.01	0.01	0	0.02	0	0	1	0	1	0	1		
23	AOC Clinic	NB	0.03	0.03	0.03	0.03	0.12	0	0	1	0	1	0	1		
24	Parva HWC	NB	0.06	0.01	0.01	0.01	0.09	0	0	1	0	1	0	1		
	TOTAL	165	15.15	15.09	6.9	3.6	40.74	1	6	24	0	57		24		
G	CHAMPHAI															
1	District Hospital, Champhai	100	7.8	11.41	1.04	1.07	21.32	1	2	1	0	11	0	1		
2	MED-AIM Hospital	28	0.67	1	0.1	0.1	1.87	0	2	1	0	2	0	1		
3	Dungtlang HWC	NB	0.05	0.01	0.01	0.05	0.12	0	0	1	0	1	0	1		
4	Farkawn PHC	10	1	0.5	1	0.5	3	0	1	1	0	1	0	1		
5	Farkawn HWC/Sc	NB	0.82	1.3	0.01	0.01	2.14	0	0	1	0	1	0	1	Incineration:	0

6	Khankawn HWC/Sc	NB	0.07	0.54	0.01	0.01	0.63	0	0	1	0	1	0	1	Autoclave	22.11
7	Hnahlan PHC	10	0.5	0.27	0.41	0.41	1.59	0	1	1	0	4	0	1	Deep burial	18.64
8	Khawbung PHC	10	0.1	0.2	0.2	0.25	0.75	0	1	1	0	1	0	1	Any other (Sharp pit)	14.37
9	Khawbung HWC/SC	NB	0.05	0.01	0.01	0.05	0.12	0	0	1	0	1	0	1	TOTAL	55.12
10	Khawhai PHC	10	0.31	0.26	0.24	0.23	1.04	0	0	1	0	6	0	1		
11	Khawhai HWC/Sc	NB	0.03	0.03	0.05	0.05	0.16	0	0	1	0	1	0	1		
12	Khawkawn HWC/Sc	NB	0.16	0.19	0.08	0.82	1.25	0	0	1	0	1	0	1		
13	Khuangthing HWC/Sc	NB	0.1	0.15	0.15	0.1	0.5	0	0	1	0	1	0	1		
14	Lungtan HWC/Sc	NB	0.03	0.03	0.01	0.01	0.08	0	0	1	0	1	0	1		
15	NE Khawdungsei HWC/Sc	NB	0.19	0.21	0.1	0.1	0.6	0	0	1	0	1	0	1		
16	New Chalrang HWC/Sc	NB	0.03	0.05	0.01	0.01	0.1	0	0	1	0	1	0	1		
17	Rabung PHC	6	0.02	0.01	0.01	0.01	0.05	0	2	1	0	5	0	1		
18	Rabung HWC/Sc	NB	0.5	0.2	0.2	0.1	1	0	0	1	0	1	0	1		
19	Samthang HWC/Sc	NB	0.5	0.15	0.15	0.1	0.9	0	0	1	0	1	0	1		
20	Sialhawk HWC/Sc	NB	0.25	0.5	0.8	0.5	2.05	0	0	1	0	1	0	1		
21	Sialhawk PHC	10	0.73	0.35	0.32	0.08	1.48	0	4	1	0	7	0	1		
22	Tlangmawi HWC/Sc	NB	0.3	0.2	0.55	0.5	1.55	0	0	1	0	1	0	1		
23	Tlangpui HWC/Sc	NB	0.03	0.02	0.01	0.01	0.07	0	0	1	0	1	0	1		
24	Vangtlang HWC/Sc	NB	0.02	0.01	0.01	0.01	0.05	0	0	1	0	1	0	1		
25	Vaphai HWC/Sc	NB	0.03	0.5	0.15	0.1	0.78	0	0	1	0	1	0	1		
26	Ngopa PHC	25	0.06	0.04	0.03	0.03	0.16	0	1	1	0	2	0	1		

27	Mimbung PHC	8	0.5	0.6	0.6	0.26	1.96	0	1	1	0	2	0	1		
28	Mimbung HWC	NB	0.25	0.3	0.1	0.1	0.75	0	0	1	0	1	0	1		
29	Teikhang HWC	NB	0.67	0.1	0.07	0.07	0.91	0	0	1	0	1	0	1		
30	Hrianghmun Clinic	NB	0.25	0.3	0.1	0.1	0.75	0	0	1	0	1	0	1		
31	Bungzung PHC	6	0.53	0.36	0.46	0.16	1.51	0	2	1	0	3	0	1		
32	Bungzung Sub-centre	NB	0.03	0.33	0.1	0.33	0.79	0	0	1	0	1	0	1		
33	Sazep Sub-centre	NB	0.26	0.2	0.03	0.13	0.62	0	0	1	0	1	0	1		
34	Vanzau sub-centre	NB	0.33	0.2	0.02	0.01	0.56	0	0	1	0	1	0	1		
35	Biate CHC	30	0.32	0.2	0.01	0.01	0.54	0	0	1	0	4	0	1		
36	Biate SC	NB	0.01	0.02	0.01	0.01	0.05	0	0	1	0	2	0	1		
37	Riangtlei SC	NB	0.05	0.02	0.01	0.01	0.09	0	0	1	0	2	0	1		
38	Khawzawl PHC	21	0.47	0.62	0.01	0.02	1.12	0	1	1	0	2	0	1		
39	Kawlkulh PHC	10	0.45	0.3	0.27	0.27	1.29	0	0	1	0	2	0	1		
40	Kawlkulh SC	NB	0.03	0.06	0.06	0.01	0.16	0	0	1	0	1	0	1		
41	Saichal SC	NB	0.02	0.03	0.01	0.01	0.07	0	0	1	0	1	0	1		
42	Chhawtui SC	NB	0.03	0.1	0.01	0.02	0.16	0	0	1	0	1	0	1		
43	Vanchengpui SC	NB	0.03	0.1	0.01	0.02	0.16	0	0	1	0	1	0	1		
44	Dulte SC	NB	0.03	0.1	0.01	0.02	0.16	0	0	1	0	1	0	1		
45	Pawlrang SC	NB	0.01	0.01	0.01	0.01	0.04	0	0	1	0	1	0	1		
46	Hliappui SC	NB	0.02	0.02	0.02	0.01	0.07	0	0	1	0	1	0	1		
	TOTAL	284	18.64	22.11	7.58	6.79	55.12	1	18	46	0	86	0	46		
H	SERCHHIP															
1	District Hospital Serchhip	60	2.3	2.16	1.51	0.47	6.44	1	0	1	0	12	0	1	Incineration:	0
2	North Vanlaiphai PHC	10	0.02	0.01	0.02	0.02	0.07	0	1	1	0	5	0	1	Autoclave	3.91
3	Ayush Hospital, Thenzawl	50	0.14	0.12	0.67	0.1	1.03	0	0	1	0	3	0	1	Deep burial	4.11
4	Chhingchhip PHC	10	1	1	0.17	0.49	2.66	0	0	1	0	2	0	1	Any other (Sharp pit)	4.16

5	Thenzawl CHC	30	0.65	0.62	0.7	0.01	1.98	0	0	1	0	5	0	1	TOTAL	12.18
	Total	160	4.11	3.91	3.07	1.09	12.18	1	1	5	0	27	0	5		
<i>Total Quantity of Bio- Medical Waste Generation in kg/day = 803.573 kg/day</i>																

PART 4: INFORMATION ON COMMON BIO MEDICAL WASTE TREATMENT AND DISPOSAL FACILITY, 2021

Sl. no	Name & add. Of the CBWTF with contact person name & telephone no	GPS coordination	Covered area by CMWTF's	Name of the cities/ areas covered by CBWTF	Total No of HCF being covered	Total No of beds covered	Total quantity of BMW collected & treated and disposed off (in kg/day)	Treatment equipment/ facility installed in CBWTF			Total BMW treated in kg/day	Method of disposal & treatment
								Equipment	Nos	total installed capacity in kg/day		
	NIL	N/A	N/A	N/A	N/A	N/A	N/A	Incinerator			N/A	Incinerator ash: NIL Quantity disposed by NIL
								Plasma Pyrolysis				
								Autoclave	NIL	NIL		
								Hydroclave	NIL	NIL		
								Microwave	NIL	NIL		
								shredder	NIL	NIL		
								Sharps /encapsulation or concrete pit	NIL	NIL		
								deep burial	NIL	NIL		
								Any other equipment	NIL	NIL		
								ETP	NIL	NIL		
								Sub- Total	N/A	N/A		