

Brick Masonry Biodigester Details

Sl. No.	Beneficiary Details		Unit (1unit= 1000lit)	River	Category
	Name of Beneficiaries	Address			
1	2	3	4	5	6
1	Lalrinawma Sailo	Chaltlang Lily	1.2	Tlawng Lui	P-IV
2	Krossmawii	Zonuam	1.2	Tlawng Lui	P-IV
3	C.Zothantluanga	Mission V.T	1.2	Tlawng Lui	P-IV
4	Lalnunmawia Khiangte.	Tanhril MZU Campus	1.2	Tlawng Lui	P-IV
5	H Thankhumi	Chawlhmun	1.2	Tlawng Lui	P-IV
6	R.L. Mangliana	Nursery	1.7	Tlawng Lui	P-IV
7	Chawngguliana	Chanmari West	1.7	Tlawng Lui	P-V
8	Lalhmuaaka	Maubawk	1.7	Tlawng Lui	P-IV
9	Pu Thangkima	Kulikawn	1.7	Tlawng Lui	P-IV
10	Pastor RS Rokima	Tlangnuam 'w'	1.7	Tlawng Lui	P-IV
11	Thangrosiama	Chawlhmun	2.3	Tlawng Lui	P-IV
12	H Lalchhandama	Kulikawn Zobawm	2.3	Tlawng Lui	P-IV
13	Laldinsanga hnamte	Khatla bungkawm	3.5	Tlawng Lui	P-IV
14	S.Beihrosa 1	Bawngkawm Brigate-I	4.2	Tlawng Lui	P-IV
15	S.Beihrosa 2	Bawngkawm Brigate-II	4.2	Tlawng Lui	P-IV
16	Lalmuanzova	Ramhlun 'N'	1	Chite Lui	P-V
17	Dr.Vanlalhlana	Ramhlun 'N'	1.2	Chite Lui	P-V
18	Lalzawmliana	Armed veng 'S'	1.2	Chite Lui	P-V
19	Zabiaka	Chanmari	1.2	Chite Lui	P-V
20	Vanlalruati	Ramhlun V.L.	1.2	Chite Lui	P-V
21	Thangchhingpuii	Saron Veng	1.2	Chite Lui	P-V
22	Thangrodinga	Salem veng	1.2	Chite Lui	P-V
23	Nguldama	Ramhlun 'N'	1.7	Chite Lui	P-V
24	C.Tlanglawma	Salem Veng	1.7	Chite Lui	P-V
25	C. Varparha	Salem	1.7	Chite Lui	P-V
26	Lalkailiana	Chanmari	2.3	Chite Lui	P-V
27	Lalrinthangi	Ramhlun 'S'	2.3	Chite Lui	P-V

28	Nghakkhawma	Bawngkawn	2.3	Chite Lui	P-V
29	R Vanlalawmpuia	Salem Mualpui	2.3	Chite Lui	P-V
30	Pu Tluanga	Ramhlun 'N	2.3	Chite Lui	P-V
31	R.Rohmingliana	Ramhlun N	2.3	Chite Lui	P-V
32	Pu Pahlira	Bethlehem VT	2.3	Chite Lui	P-V
33	R.Lalnithanga	Chhinga veng	2.3	Chite Lui	P-V
34	Zoliana	Kulikawn	2.9	Chite Lui	P-V
35	Lalduhawmi	Chanmari	2.9	Chite Lui	P-V
36	KC Zorammuana	Chaltlang Lly	2.9	Chite Lui	P-V
37	Lalduhawmi	Chanmari (Saron road)	3.5	Chite Lui	P-V
38	V.L.Nunmawia	Ramhlun 'N'	3.5	Chite Lui	P-V
39	K.zosangliana	Chaltlang	3.5	Chite Lui	P-V
40	Lianlunga Sailo	Venghlui	4.8	Chite Lui	P-V
41	Lalmalsawma	Bawngkawn	6	Chite Lui	P-V
42	Ramfangzaua	ITI	6	Chite Lui	P-V
43	Lalremsiama	Chawnpui	1	Tuikual Lui	P-V
44	Pc. Chunglura	Chawnpui	1.2	Tuikual Lui	P-V
45	C.Lalsangluaia	Dinthar Tlan	1.7	Tuikual Lui	P-IV
46	Pu Lalneihkima	Dinthar	1.7	Tuikual Lui	P-V
47	B.Lalruma Sailo	Chawnpui	2.3	Tuikual Lui	P-V
48	R.K.Vanlalsawma-1	Kanan Veng	2.3	Tuikual Lui	P-V
49	B.Chhawkima	Dinthar	2.3	Tuikual Lui	P-V
50	Chanchinmawii	Dinthar	2.9	Tuikual Lui	P-V
51	Lalsawta	Tuikual "S"	2.9	Tuikual Lui	P-V
52	Vanlalngena	Chawnpui	4.2	Tuikual Lui	P-V
53	R. Sangkhuma	Khatla	4.2	Tuikual Lui	P-V
54	C.Lalhmingliana	Upper Kannan	4.8	Tuikual Lui	P-V
55	H.Rotluanga FTH	Dinthar	4.8	Tuikual Lui	P-V
56	Lalngahmawia	Dinthar	6	Tuikual Lui	P-V
57	Thanchhunga	Durtlang Mel-5	1.7	Tuirial Lui	P-V
58	Rosiama	Selesih	1.7	Tuirial Lui	P-V

59	Isaack Lalchhuanmawia	Durtlang	2.3	Tuirial Lui	P-V
60	Lalngaihawma	Zemabawk	2.3	Tuirial Lui	P-V
61	Jerry Lalhmunsanga	Durtlang	2.3	Tuirial Lui	P-V
		TOTAL UNITS:	151.3		
PROGRESS DURING THE MONTH					
1	C Lalmuanpuia	Chanmari West	1.0	Tlawng Lui	P-IV
2	Pu Rina S/O	Chawlhmun	1.2	Tlawng Lui	P-IV
3	Lalruatkima Ralte	Durtlang Leitan	1.2	Tuirial Lui	P-V
4	David Lalchhuanawma	Durtlang	1.7	Tuirial Lui	P-V
5	LC.Hima	Durtlang Leitan	1.7	Tuirial Lui	P-V
6	R Vanlalawmpuia	Salem Veng	1.7	Chite Lui	P-V
7	H Lalparliani	Durtlang LT	2.3	Tuirial Lui	P-V
8	Denghmingthanga	Kulikawn	2.3	Chite Lui	P-V
9	LBS Suzuki (Mesai-a)	Bawngkawn Brg	2.9	Tlawng Lui	P-IV
10	LBS Suzuki (Mesai-a)	Bawngkawn Brg	2.9	Tlawng Lui	P-IV
11	H Lalparliani	Durtlang LT	3.5	Chite Lui	P-V
12	C.Chawngnuna	Zemabawk	0	Tuirial Lui	P-V
13	Manhnuni	Thakthing	0	Chite Lui	P-V
14	AMC (Mawitea)	Thuampui	6	Chite Lui	P-V
15	AMC (Mawitea)	Thuampui	6	Chite Lui	P-V
16	Lushai Engineer/Join YMA Multipurpose Hall, Vaivakawn	Vaivakawn	12	Tuikual Lui	P-V
		TOTAL UNITS:	46.4		
		CUMMULATIVE TOTAL:	197.7		
	TOTAL FRP + B/MASONRY	346	+	197.7	
			=	543.7	
TOTAL VOLUME OF FAECAL SLUDGE HANDLED			=	0.5437	MLD

Annexure-II (STATUS OF ETP FOR MIZORAM)

Sl. No.	Name and Address of the Industry	Contact No.	District	Category of the Industry	Type of the industry	Does the unit fall under 17 categories of highly polluting industries?	Is the unit classified as Grossly Polluting Industry	Location Co-ordinates of the unit	Operation Status	Name of the river basin where units is located	Disposal point	Name of disposal point	Status ETP	Designed capacity of ETP (MLD)	Daily Average volume of Effluent Generation (MLD)	Daily Average volume of treated effluent (MLD)	Treatment Capacity Gap (MLD)	Industry complying with environment standards	Remark
1	M/s T.C. Bakery, Upper Zarkawt	Thluaipuii 9436152985	Aizawl	Green	Bakery/ confection (with production capacity <1 TPD with gas or electric oven)	No	No	23.738567 92.716019	Yes	Barak etc (upto Border)	Drain	Chite Stream at a distance of about 6kms from the unit which meets river Tuirial after 15 kms approx	Yes	0.0001	0.00005	0.00005	0	Yes	The unit is small scale and wastes water disposal via septic tank is permissible as per SI No 51 (C)(a) (ii) of the Environment Protection (Rules), 1986.
2	M/s Bake House, Tuikhuahtlang	Lalhmingliana Colney 0389-2310232	Aizawl	Green	Bakery/ confection (with production capacity <1 TPD with gas or electric oven)	No	No	23.719495 92.718836	Yes	Barak etc (upto Border)	Drain	Chite Stream at a distance of about 7kms from the unit which meets river Tuirial after 15 kms approx	Yes	0.0001	0.00004	0.00004	0	Yes	The unit is small scale and wastes water disposal via septic tank is permissible as per SI No 51 (C)(a) (ii) of the Environment Protection (Rules), 1986.
3	M/s L.V. Patisserie, Chaltlang	L.V. Lalrinpuia 0389-2349666 9436767491	Aizawl	Green	Bakery/ confection (with production capacity <1 TPD with gas or electric oven)	No	No	23.751631 92.722497	Yes	Barak etc (upto Border)	Drain	Chite Stream at a distance of about 5kms from the unit which meets river Tuirial after 15 kms approx	Yes	0.0001	0.00004	0.00004	0	Yes	The unit is small scale and wastes water disposal via septic tank is permissible as per SI No 51 (C)(a) (ii) of the Environment Protection (Rules), 1986.

4	M/s K.C. Bakery, Tuithiang	Lalchhanhima 9436153548 9436195122	Aizawl	Green	Bakery/ confection (with production capacity <1 TPD with gas or electric oven)	No	No	23.729418 92.720713	Yes	Barak etc (upto Border)	Drain	Lungli stream at a distance of about 2 kms from the unit which meets Chite Stream at a distance of about 3 kms and then meets river Tuirial after 15 kms approx	Yes	0.0001	0.00003	0.00003	0	Yes	The unit is small scale and wastes water disposal via septic tank is permissible as per SI No 51 (C)(a) (ii) of the Environment Protection (Rules), 1986.
5	M/s Hmingliani Bakery, Mission Vengthlang 796005	Hmingliani 0389- 2326350	Aizawl	Green	Bakery/ confection (with production capacity <1 TPD with gas or electric oven)	No	No	23.752908 92.706088	Yes	Barak etc (upto Border)	Drain	Vai lui (Stream) at a distance of about 2 kms from the unit which meets river Tlawng after 6 kms approx	Yes	0.0005	0.0003	0.0003	0	Yes	The unit is small scale and wastes water disposal via septic tank is permissible as per SI No 51 (C)(a) (ii) of the Environment Protection (Rules), 1986.
6	M/s P.S. Bakery, Armed Veng 796007	P.S. Lalpianpuia 8258847192 9862426785	Aizawl	Green	Bakery/ confection (with production capacity <1 TPD with gas or electric oven)	No	No	23.733825 92.729069	Yes	Barak etc (upto Border)	Drain	Chite Stream at a distance of about 2 kms from the unit which meets river Tuirial after 15 kms approx	Yes	0.0002	0.00003	0.00003	0	Yes	The unit is small scale and wastes water disposal via septic tank is permissible as per SI No 51 (C)(a) (ii) of the Environment Protection (Rules), 1986.

7	M/s Cookie Jar, Chanmari 796007	Lalsangpuii 9862572516	Aizawl	Green	Bakery/ confection (with production capacity <1 TPD with gas or electric oven)	No	No	23.742159 92.717382	Yes	Barak etc (upto Border)	Drain	Natural drains at about 2 kms from the unit which meets Tlawng river at about 18 kms	Yes	0.0002	0.00015	0.00015	0	Yes	The unit is small scale and wastes water disposal via septic tank is permissible as per SI No 51 (C)(a) (ii) of the Environment Protection (Rules), 1986.
8	M/s Holy Cross Bakery, Zotlang 796009	Lalhmingaiha Sailo 0389-2342600 9436360275	Aizawl	Green	Bakery/ confection (with production capacity <1 TPD with gas or electric oven)	No	No	23.720549 92.715498	Yes	Barak etc (upto Border)	Drain	Li Bial lui (Stream) at about 4 kms from the unit which meets Tlawng river after 7 kms	Yes	0.0001	0.000005	0.000005	0	Yes	The unit is small scale and wastes water disposal via septic tank is permissible as per SI No 51 (C)(a) (ii) of the Environment Protection (Rules), 1986.
9	M/s Blav's Bakery, Thakthing tlang	Bawihluta 0389-23296913	Aizawl	Green	Bakery/ confection (with production capacity <1 TPD with gas or electric oven)	No	No	23.712458 92.721097	Yes	Barak etc (upto Border)	Drain	Chite Stream at a distance of about 5 kms from the unit which meets river Tuirial after 15 kms approx	Yes	0.001	0.0002	0.0002	0	Yes	The unit is small scale and wastes water disposal via septic tank is permissible as per SI No 51 (C)(a) (ii) of the Environment Protection (Rules), 1986.
10	M/s Nu-Nun Bakery, Ramthar, Tlang veng		Aizawl	Green	Bakery/ confection (with production capacity <1 TPD with gas or electric oven)	No	No	23.740021 92.725239	Yes	Barak etc (upto Border)	Drain	Chite Stream at a distance of about 4kms from the unit which meets river Tuirial after 15 kms approx	Yes	0.0001	0.00005	0.00005	0	Yes	The unit is small scale and wastes water disposal via septic tank is permissible as per SI No 51 (C)(a) (ii) of the Environment Protection (Rules), 1986.

11	M/s J&J Bakery, Bethlehem 796007	Lalrelkima Fanai 9862311635	Aizawl	Green	Bakery/ confection (with production capacity <1 TPD with gas or electric oven)	No	No	23.726862 92.723560	Yes	Barak etc (upto Border)	Drain	Chite Stream at a distance of about 3 kms from the unit which meets river Tuirial after 15 kms approx	Yes	0.0001	0.00003	0.00003	0	Yes	The unit is small scale and wastes water disposal via septic tank is permissible as per SI No 51 (C)(a) (ii) of the Environment Protection (Rules), 1986.
12	M/s C.Mart Bakery, Chanmari (Glenaries)	John R. Chhangte 0389-2340120 9615418810	Aizawl	Green	Bakery/ confection (with production capacity <1 TPD with gas or electric oven)	No	No	23.739638 92.717035	Yes	Barak etc (upto Border)	Drain	Chite Stream at a distance of about 5kms from the unit which meets river Tuirial after 15 kms approx	Yes	0.001	0.0007	0.0007	0	Yes	The unit is small scale and wastes water disposal via septic tank is permissible as per SI No 51 (C)(a) (ii) of the Environment Protection (Rules), 1986.
13	M/s Zote Bakery, Lower Zarkawt	Lalrinmawia Tochhawng 0389-2340109	Aizawl	Green	Bakery/ confection (with production capacity <1 TPD with gas or electric oven)	No	No	23.737810 92.717220	Yes	Barak etc (upto Border)	Drain	Chite Stream at a distance of about 5kms from the unit which meets river Tuirial after 15 kms approx	Yes	0.0015	0.001	0.001	0	Yes	The unit is small scale and wastes water disposal via septic tank is permissible as per SI No 51 (C)(a) (ii) of the Environment Protection (Rules), 1986.
14	M/s L.S. Bakery, Chanmari 'W', Near Salvation Army Church	Lalliansangpui i 9436364020 8974143982	Aizawl	Green	Bakery/ confection (with production capacity <1 TPD with gas or electric oven)	No	No	23.744318 92.716309	Yes	Barak etc (upto Border)	Drain	Natural drains at about 3 kms from the unit which meets Tlawng river at about 13 kms	Yes	0.001	0.0003	0.0003	0	Yes	The unit is small scale and wastes water disposal via septic tank is permissible as per SI No 51 (C)(a) (ii) of the Environment Protection (Rules), 1986.

15	M/s C.K. Bakery and Confectionaries, Kanan Veng 796009	Judie Lallungtiawii 9436149877	Aizawl	Green	Bakery/ confection (with production capacity <1 TPD with gas or electric oven)	No	No	23.734677 92.709953	Yes	Barak etc (upto Border)	Drain	Natural drains at about 3 kms from the unit which meets Tlawng river at about 12 kms	Yes	0.0005	0.00023	0.00023	0	Yes	The unit is small scale and wastes water disposal via septic tank is permissible as per SI No 51 (C)(a) (ii) of the Environment Protection (Rules), 1986.
16	M/s Vogue Bakery, Zotlang	Lallawmzuali	Aizawl	Green	Bakery/ confection (with production capacity <1 TPD with gas or electric oven)	No	No	23.740762 92.705994	Yes	Barak etc (upto Border)	Drain	Natural drains at about 3 kms from the unit which meets Tlawng river at about 15 kms	Yes	0.0005	0.0002	0.0002	0	Yes	The unit is small scale and wastes water disposal via septic tank is permissible as per SI No 51 (C)(a) (ii) of the Environment Protection (Rules), 1986.
17	M/s Hotel Ritz, Dawrpui	Hmingliani 9436141361	Aizawl	Orange	Hotel	No	No	23.729898 92.716878	Yes	Barak etc (upto Border)	Drain	Tuikual stream at a distance of about 3kms which meets Tlawng river after 15 kms approx.	Yes	0.005	0.0035	0.0035	0	Yes	
18	M/s The Esquire, Sikulpuikaw n	Biakthanmawia 9436142525 9862354550	Aizawl	Green	Hotel	No	No	23.717137 92.719066	Yes	Barak etc (upto Border)	Drain	Lungli stream at a distance of about 1 kms from the unit which meets Chite Stream at a distance of about 3 kms and then meets river Tuirial after 15 kms approx	Yes	0.002	0.001	0.001	0	Yes	

19	M/s David Hotel Clover, G-16, Chanmari	David Lalmangaiha 9862310838 8730971457	Aizawl	Green	Hotel	No	No	23.739966 92.716481	Yes	Barak etc (upto Border)	Drain	Chite Stream at a distance of about 5kms from the unit which meets river Tuirial after 15 kms approx	Yes	0.002	0.001	0.001	0	Yes
20	M/s Hotel Chief, Zarkawt	Lalrinenga Sailo 0389-2341097 0389-2340324 9436141209	Aizawl	Orange	Hotel	No	No	23.736430 92.716948	Yes	Barak etc (upto Border)	Drain	Chite Stream at a distance of about 5kms from the unit which meets river Tuirial after 15 kms approx	Yes	0.002	0.0012	0.0012	0	Yes
21	M/s Hotel Chawlhna, Zarkawt	M.S. Dawngliani 0389-2342292	Aizawl	Orange	Hotel	No	No	23.737643 92.717071	Yes	Barak etc (upto Border)	Drain	Chite Stream at a distance of about 5kms from the unit which meets river Tuirial after 15 kms approx	Yes	0.002	0.0015	0.0015	0	Yes
22	M/s Hotel Hill Orchid, Dawrpui	Lalchhanhimi 0389-2316565	Aizawl	Green	Hotel	No	No	23.733136 92.717635	Yes	Barak etc (upto Border)	Drain	Chite Stream at a distance of about 5kms from the unit which meets river Tuirial after 15 kms approx	Yes	0.003	0.002	0.002	0	Yes

23	Hotel Floria, Bara Bazar	Thanzami Tochhawng & Denis M. Ralte 9436960301 9436154319	Aizawl	Orange	Hotel	No	No	23.733724 92.717683	Yes	Barak etc (upto Border)	Drain	Ramthar lui, Chite Stream at a distance of about 5kms from the unit which meets river Tuirial after 15 kms approx	Yes	0.005	0.002	0.002	0	Yes
24	M/s Hotel Arini, Khatla	B. Zosangliana 0389-2301557 0389-2314044	Aizawl	Orange	Hotel	No	No	23.722209 92.717930	Yes	Barak etc (upto Border)	Drain	Tuikual stream at a distance of about 5 kms which meets Tlawng river after 15 kms approx.	Yes	0.002	0.001	0.001	0	Yes
25	M/s Hotel Serow, Chaltlang	B.Darchhinga Chaltllang, Lily Veng	Aizawl	Orange	Hotel	No	No	23.751555 92.727118	Yes	Barak etc (upto Border)	Drain	Chite Stream at a distance of about 5kms from the unit which meets river Tuirial after 15 kms approx	Yes	0.001	0.0008	0.0008	0	Yes
26	M/s Grand Hotel, Chanmari	David Zohmachhuan a 943614930	Aizawl	Orange	Hotel	No	No	23.738873 92.716505	Yes	Barak etc (upto Border)	Drain	Chite Stream at a distance of about 5kms from the unit which meets river Tuirial after 15 kms approx	Yes	0.003	0.002	0.002	0	Yes

27	M/s Hotel Royale, Dawrpui	J. Thankunga 9862304664	Aizawl	Orange	Hotel	No	No	23.731526 92.717249	Yes	Barak etc (upto Border)	Drain	Chite Stream at a distance of about 5kms from the unit which meets river Tuirial after 15 kms approx	Yes	0.002	0.001	0.001	0	Yes	
28	M/s Hotel Regency, Zarkawt	Biakchunga 9436142096	Aizawl	Orange	Hotel	No	No	23.738338 92.716542	Yes	Barak etc (upto Border)	Drain	Chite Stream at a distance of about 5kms from the unit which meets river Tuirial after 15 kms approx	Yes	0.003	0.0025	0.0025	0	Yes	
29	M/s Hotel Ahimsa, Zarkawt	Lalbiaknii 0389-2341133 0389-2345542	Aizawl	Orange	Hotel	No	No	23.735587 92.715809	Yes	Barak etc (upto Border)	Drain	Chite Stream at a distance of about 5kms from the unit which meets river Tuirial after 15 kms approx	Yes	0.001	0.0005	0.0005	0	Yes	
30	M/s Jay Jay Foods, Falkland, Zemabawk	Jervis Lalramnghaka 9612393893 9436955500	Aizawl	Orange	Food & Fruit Processing	No	No	23.737323 92.740473	Yes	Barak etc (upto Border)	Drain	Chite Stream at a distance of about 3kms from the unit which meets river Tuirial after 15 kms approx	Yes	0.0005	0.0002	0.0002	0	Yes	The unit is small scale and wastes water disposal via septic tank is permissible as per SI No 51 (C)(a) (ii) of the Environment Protection (Rules), 1986.

31	M/s 3.L Mizo Foods, Salem Veng	Pu K. Lalrodinga	Aizawl	Orange	Food & Fruit Processing	No	No	23.709449 92.726611	Yes	Barak etc (upto Border)	Drain	Chite Stream at a distance of about 3kms from the unit which meets river Tuirial after 15 kms approx	Yes	0.0001	0.00006	0.00006	0	Yes	The unit is small scale and wastes water disposal via septic tank is permissible as per SI No 51 (B)(b) of the Environment Protection (Rules), 1986.
32	M/s Moon Star Rice Cake, Zemabawk	Nangsiammu ng 9862381670	Aizawl	Orange	Food & Fruit Processing	No	No	23.734561 92.764709	Yes	Barak etc (upto Border)	Drain	Chite Stream at a distance of about 3kms from the unit which meets river Tuirial after 15 kms approx	Yes	0.0001	0.00007	0.00007	0	Yes	The unit is small scale and wastes water disposal via septic tank is permissible as per SI No 51 (C)(a) (ii) of the Environment Protection (Rules), 1986.
33	M/s C.B. Enterprise, Bethlehem Vengthlang	C.B. Liankhuma 9856933433 9862735699	Aizawl	Orange	Food & Fruit Processing	No	No	23.728966 92.722901	Yes	Barak etc (upto Border)	Drain	Chite Stream at a distance of about 3kms from the unit which meets river Tuirial after 15 kms approx	Yes	0.0001	0.00005	0.00005	0	Yes	The unit is small scale and wastes water disposal via septic tank is permissible as per SI No 51 (C)(a) (ii) of the Environment Protection (Rules), 1986.
34	M/s Blue Berry Ice Cream, Mission Veng	H. Lallenpuui 9774510215 9862937474	Aizawl	Orange	Ice Cream	No	No	23.716276 92.715224	Yes	Barak etc (upto Border)	Drain	Vai lui (Stream) at a distance of about 2 kms from the unit which meets river Tlawng after 6 kms approx	Yes	0.0002	0.00015	0.00015	0	Yes	

35	M/s K.L.T. Fruit Processing Industry, Edenthar	K.L.Tluanga 8132935836	Aizawl	Orange	Food & Fruit Processing	No	No	23.756485 92.717071	Yes	Barak etc (upto Border)	Drain	Natural drain which meets Tlawng river at about 14 kms approx.	Yes	0.0001	0.00006	0.00006	0	Yes	The unit is small scale and wastes water disposal via septic tank is permissible as per SI No 51 (B)(b) of the Environment Protection (Rules), 1986.
36	M/s Bee Zet Ice Cream Industry, Khatla	R. Lianzuala 0389-2333867 0389-2333170	Aizawl	Orange	Ice Cream	No	No	23.720276 92.715766	Yes	Barak etc (upto Border)	Drain	Vai lui (Stream) at a distance of about 3 kms from the unit which meets river Tlawng after 6 kms approx	Yes	0.0002	0.00017	0.00017	0	Yes	
37	M/s Lucky Star Soya Egg Rice Cake, Luangmual Vengthlang	Lallianmawia 8575301638 9436702768	Aizawl	Orange	Food & Fruit Processing	No	No	23.741275 92.701726	Yes	Barak etc (upto Border)	Drain	Libial lui (Stream) at a distance of about 2 kms from the unit which meets river Tlawng after 6 kms approx	Yes	0.0001	0.000075	0.000075	0	Yes	The unit is small scale and wastes water disposal via septic tank is permissible as per SI No 51 (C)(a) (ii) of the Environment Protection (Rules), 1986.
38	M/s Sunrise Soft Drinks, Ramhlun North		Aizawl	Orange	Food & Fruit Processing	No	No	23.746648 92.722914	Yes	Barak etc (upto Border)	Drain	Chite lui (Stream) at a distance of about 1 kms from the unit which meets river Tlawng after 6 kms approx	Yes	0.0002	0.00015	0.00015	0	Yes	The unit is small scale and wastes water disposal via septic tank is permissible as per SI No 51 A(b) of the Environment Protection (Rules), 1986.

39	M/s Zonu Meat Processing, Mission Veng	Dr. Vanramhlmp uii 9862641893	Aizawl	Red	Meat Processing	No	No	23.715384 92.720245	Yes	Barak etc (upto Border)	Drain	Vai lui (Stream) at a distance of about 5 kms from the unit which meets river Tlawng after 6 kms approx	Yes	0.0003	0.00025	0.00025	0	Yes	
40	M/s Slaughter House, Muaipei		Aizawl	Red	Meat Processing	No	No	23.705001 92.736244	Yes	Barak etc (upto Border)	Drain	Natural drain at about 1km from the unit which meets chite stream at about 1.5 kms and then meetTlawng river at about 14 kms approx.	Yes	0.0005	0.0003	0.0003	0	Yes	
41	M/s Greenwood Hospital, Bawngkawn, Aizawl	Nursing Superintendent 9856136798	Aizawl	Red	Hospital	No	No	23.755497 92.731038	Yes	Barak etc (upto Border)	Drain	Side drain which meets chite stream at about 1.5 kms and then meetTlawng river at about 14 kms approx.	Yes	0.001	0.0007	0.0007	0	Yes	

42	M/s Ebenezer Medical Centre. Chawnpui, Aizawl	Managing Director 9436195087	Aizawl	Red	Hospital	No	No	23.731202 92.707832	Yes	Barak etc (upto Border)	Drain	Tuikual lui (Stream) at a distance of about 500 mts from the unit which meets river Tlawng after 8 kms approx	Yes	0.02	0.001	0.001	0	Yes	
43	M/s BN Hospital & Research Centre , Kulikawn		Aizawl	Red	Hospital	No	No	23.710908 92.719462	Yes	Barak etc (upto Border)	Drain	Vai lui (Stream) at a distance of about 3 kms from the unit which meets river Tlawng after 6 kms approx	Yes	0.0005	0.0005	0.0005	0	Yes	
44	M/s Nazareth Hospital , Ramhlun South		Aizawl	Red	Hospital	No	No	23.748506 92.724134	Yes	Barak etc (upto Border)	Drain	Chite Stream at a distance of about 6kms from the unit which meets river Tuirial after 15 kms approx	Yes	0.001	0.0005	0.0005	0	Yes	

45	M/s Grace Nursing Hospital & Research Centre, Lower Zarkawt		Aizawl	Red	Hospital	No	No	23.736116 92.717365	Yes	Barak etc (upto Border)	Drain	Chite Stream at a distance of about 5kms from the unit which meets river Tuirial after 15 kms approx	Yes	0.001	0.00065	0.00065	0	Yes	
46	Civil Hospital, Dawrpui Aizawl		Aizawl	Red	Hospital	No	No	23.732300 92.716526	Yes	Barak etc (upto Border)	Drain	Tuikual stream at a distance of about 3kms which meets Tlawng river after 15 kms approx.	Yes	0.02	0.01	0.01	0	Yes	
47	M/s Aizawl Hospital & Research Centre, Khatla		Aizawl	Red	Hospital	No	No	23.718775 92.717601	Yes	Barak etc (upto Border)	Drain	Vai lui (Stream) at a distance of about 3 kms from the unit which meets river Tlawng after 6 kms approx	Yes	0.002	0.002	0.002	0	Yes	
48	M/s Alpha Hospital, Kulikawn		Aizawl	Red	Hospital	No	No	23.709216 92.719481	Yes	Barak etc (upto Border)	Drain	Vai lui (stream) at about 3.7 kms from the unit which meets Tlawng River at about 6 kms approx	Yes	0.001	0.0006	0.0006	0	Yes	

49	M/s Kulikawn Hospital , Kulikawn		Aizawl	Red	Hospital	No	No	23.708397 92.715562	Yes	Barak etc (upto Border)	Drain	Vai lui (stream) at about 3 kms from the unit which meets Tlawng River at about 5 kms approx	Yes	0.001	0.0004	0.0004	0	Yes	
50	M/s Synod Hospital, Durtlang		Aizawl	Red	Hospital	No	No	23.772098 92.731021	Yes	Barak etc (upto Border)	Drain	Leitan Stream at about 3 kms from the unit which meets Tlawng river after 15 kms	Yes	0.002	0.0008	0.0008	0	Yes	
51	M/s Mizoram state Cancer Institute, Zemabawk		Aizawl	Red	Hospital	No	No	23.732244 92.751173	Yes	Barak etc (upto Border)	Drain	Chite Stream and Muthi stream at a distance of about 5 and 7 kms from the unit which meets river Tuirial after 15 kms approx	Yes	0.001	0.0004	0.0004	0	Yes	
52	M/s Bethany Hospital , Mission Veng	Chief Managing Director 9436351875	Aizawl	Red	Hospital	No	No	23.716626 92.716299	Yes	Barak etc (upto Border)	Drain	Vai lui (Stream) at a distance of about 2 kms from the unit which meets river Tlawng after 6 kms approx	Yes	0.001	0.0004	0.0004	0	Yes	

53	M/s Bethesda Hospital & Research Centre, Bawngkawn Chhim Veng		Aizawl	Red	Hospital	No	No	23.750370 92.726632		Barak etc (upto Border)	Drain	Chite Stream at a distance of about 5kms from the unit which meets river Tuirial after 15 kms approx	No operation since notice for disconnection of water supply was served as per the							No operation since notice for disconnection of water supply was served as per the order.
54	M/s K.K. Dairy, Bawngkawn	Samuel K. Kawla 9436144171	Aizawl	Orange	Dairy	No	No	23.754122 92.728345	Yes	Barak etc (upto Border)	Drain	Natural drain which meets Tlawng river at about 15 kms approx.	No operation since notice for disconnection of water supply was served as per the	0.005	0.0002	0.0002		Yes		Reported construction of ETP.
55	M/s Zonuam Food Processing Centre, Zonuam	R. Lalrohlu 9612078505	Aizawl	Red	Meat Processing	No	No	23.739744 92.701609		Barak etc (upto Border)	Drain	Libial lui (Stream) at a distance of about 2 kms from the unit which meets river Tlawng after 6 kms approx	No operation since notice for disconnection of water supply was served as per the							No operation since notice for disconnection of water supply was served as per the order.

56	M/s Hmingliani Ice Cream, Dawrpui, Aizawl	Lalrinsanga 9089524366	Aizawl	Orange	Ice Cream	No	No	23.720284 92.715783		Barak etc (upto Border)	Drain	Chite Stream at a distance of about 5kms from the unit which meets river Tuirial after 15 kms approx	No operation since notice for disconnection of water supply was served as per the		0.0002				No operation since notice for disconnection of water supply was served as per the order.
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ANNEXURE - III

**Water Quality Data of 9 (NINE) Polluted River
stretches in Mizoram
(OA - No. 673 of 2018)**

**JANUARY
2020**



MIZORAM STATE POLLUTION CONTROL BOARD

DETAILS OF POLLUTED LOCATIONS & RESULTS OF FIELD PARAMETERS FOR THE MONTH OF JANUARY, 2021

Sl. No.	Station Code	Name of Station	Location	Co-Ordinates			Sampling Date	Sampling Time	Used Based Class	Major Polluting Sources	Visibility Effluent Discharge	Use of water in Down Stream (irrigation, industrial, domestic, drinking water source, organised water source, cultivation, fishing, bathing ghat, others)	Weather	Depth of Water Body (m)	Human activities (Bathing, Washing, Cultivation, Fishing, Boating, Gardening, Tourist spot, cattle wedding, others)	Floating matter	Colour	Odour	Flow (m/s)
				Longitude	Latitude	Elevation													
				1	2	3													
1	3756	Tiau River	Near Boundary Tiau Bridge, Zokhawthar Village, Champhai District, Mizoram	93°23'31.0"E	23°21'42.8"N	720m	15-01-2021	10.20		Domestic		Clear	1.18	Washing		Pale Yellow	Odourless	0.51	
2	3709	Tlawng River, Sairang	Sairang Village, Aizawl District, Mizoram	92°39'10"E	23°48'49"N	80m	18-01-2021	11.30		Agriculture		Clear	1	Sand collection		Clear	Odourless	0.4	
	3734	Tlawng River, Upper Stream, Lunglei	Near Tlawng Bridge, Mausen Village, Lunglei District, Mizoram	92°49'15.0"E	22°51'21.2"N	1080m	14-01-2021	10.30		Agriculture	Washing, Bathing	Clear	1	Washing, Domestic Purpose		Clear	Odourless	0.8	
	3736	Tlawng River, Palthleng, Zotlang, Lunglei	Near P.H.E Water Treatment Plant, Zotlang, Lunglei District, Mizoram	92°45'45.7"E	22°56'53.5"N	800m	14-01-2021	12.30		Agriculture	Drinking Water Source	Clear	3.1	Fishing		Clear	Odourless	0.2	
	3754	Tlawng River, Downstream, Bairabi	Bairabi Village, Kolasib District, Mizoram	92°32'14.3"E	24°10'44.7"N	40m	10-01-2021	2.30		Agriculture		Clear	1	Fishing		Pale Yellow	Odourless	0.5	
3	3757	Tuipui River	Near P.H.E Treatment Plant, Champhai District, Mizoram	93°16'27"E	23°30'18.8"N	800m	15-01-2021	11.30		Agriculture	Drinking Water Source	Clear	2.14			Clear	Odourless	0.31	
4	3720	Tuivawl River	Near Tuivawl Bridge, Seling Village, Aizawl District, Mizoram	93°2'6"E	23°38'31"N	500m	17-01-2021	12.45		Agriculture	Washing, bathing	Clear	0.3	Traffic Movement		Clear	Odourless	0.5	
5	3718	Chite River	Near Mini Sports Complex, Armed Veng, Aizawl, Mizoram	92°44'17.5"E	23°43'59.2"N	680m	25-01-2021	12.45		Domestic		Clear	0.3			Pale yellow	Odourless	0.3	
6	3735	Mat River	Near Mat Bridge, Dawn Village, Lunglei District, Mizoram	92°52'19.7"E	22°53'58.4"N	380m	13-01-2021	11.00		Agriculture	Washing, Domestic Purpose	Clear	1.7	Plantation, Gardening		Clear	Odourless	0.8	
7	3740	Saikah stream	Saikah Village, Lawngtlai, Mizoram	92°53'40.1"E	22°27'21.3"N	800m	07-01-2021	9.00		Domestic	Drinking Water Source	Clear	0.2			Clear	Odourless	0.2	
8	3712	Tuikual Stream	Near PHE Water Treatment Plant, Reiek Kai, Aizawl District, Mizoram	92°39'46"E	23°42'57"N	270m	12-01-2021	11.49		Domestic		Clear	0.9			Clear	Odourless	0.5	
9	2052	Tuirial U/s, Aizawl	Tuirial Village, upstream of Tuirial Bridge	92°47'58.25"E	23°43'8.99"N	187m	05-01-2021	12.00		Agriculture		Clear	1	Fishing		Clear	Odourless	0.5	
	2053	Tuirial L/s Aizawl	Tuirial Village, downstream of Tuirial Bridge	92°47'57.92"E	23°43'5.22"N	185m	05-01-2021	12.20		Agriculture		Clear	1	Fishing		Clear	Odourless	0.3	

**WATER QUALITY DATA OF 9(NINE) POLLUTED RIVER STRETCHES
FOR THE MONTH OF JANUARY, 2021**

Sl.No	Station Code	B. CORE PARAMETERS								C. GENERAL PARAMETERS											
		Water Temp (°C)	D.O (mg/L)	pH	Conductivity µs/cm	B.O.D (mg/L)	Nitrogen Nitrite (N-NO ₂) (mg/L)	Faecal Coliform MPN	Total Coliform MPN	Turbidity NTU	Total Alkalinity (mg/L)	Chlorides (mg/L)	Ammonia-N (mg/L)	Total Hardness (mg/L)	Calcium (mg/L)	Magnesium (mg/L)	Sodium (mg/L)	K (mg/L)	TDS (mg/L)	TSS (mg/L)	Total Phosphate (mg/L)
		14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33
1	3756	10	4.1	8.6	168	0.18	0.01			8.2	112.2	11.2	0.327	94	24	8.2	2	0	130	10	0.061
2	3709	19	9	8.6	132	0.5	0.01	10	160	1.8	82.6	9.3	0.399	58	8	9.1	1.5	0.5	90	10	0.052
	3734	19	7	7.3	48	0.6	0.007			1	33.1	4.6	0.372	20	4	2.4	2	0.5	40	10	0.061
	3736	18	6.7	7.3	81	1.4	0.006			0.9	43.4	8.4	0.376	30	4	4.8	1	0	60	10	0.059
	3754	24	5.9	7.9	162	0.9	0.015			5	107.4	7.4	0.41	110	32	7.2	1	0.5	100	20	0.065
3	3757	10	3.9	7.5	81	0.2	0.007			2.2	51	9.3	0.372	32	4	5.3	1.5	1	50	10	0.104
4	3720	12	6.8	7.6	118	0.8	0.011			2.6	80.6	7.4	0.361	60	16	4.8	1.5	0.5			0.063
5	3718	18	6	7.7	613	1.9	0.353	1100	2400	3.8	247.9	90.2	4.628	178	60	6.7	5.5	1.5	410	40	0.166
6	3735	20	6.9	7.4	57.2	1.3	0.006			1.1	20.7	4.6	0.369	10	2.4	1	2	0	50	10	0.063
7	3740	20	8.63	7.26	63	1.1	0.01			1.3	26.9	8.4	0.703	36	8	3.8	2	0	60	20	0.096
8	3712	19	5.3	8.45	249	1.4	0.017	460	2400	2.5	105.4	32.5	0.619	112	32	6.7	2.5	0.5	120	10	0.107
9	2052	19	7.7	8.06	160	1.86	0.016	0	2400	1.3	33.1	11.2	0.445	20	4.8	1.9	2.5	0	60	10	0.086
	2053	19	7.4	8.22	155	1.5	0.013	0	2400	1.9	103.3	8.4	0.528	40	7.2	5.3	3	0.5	90	10	0.093

ANNEXURE - 4

Polluted Rivers Data With Drains Joining the Polluted locations January, 2021

Sl.No	Name of Polluted River	Name of Drains	A. STATIONS DETAILS												
			Sampling Date	Sampling Time	Used Based Class	Major Polluting Sources	Visibility Effluent Discharge	Use of water in Down Stream (irrigation, industrial, domestic, drinking water source, organised water source, cultivation, fishing, bathing ghat, others)	Weather	Depth of Water Body (m)	Human activities (Bathing, Washing, Cultivation, Fishing, Boating, Gardening, Tourist spot, cattle wedding, others)	Floating matter	Colour	Odour	Flow (m/s)
			1	2	3		5	6	7	8	9	10	11	12	13
1	Tiau River	LK KAI	15-01-2021	11.00						Clear	N/A		Clear	Odourless	N/A
2	Tlawng River	Drain -1 flowing between Pukpui & Zotlang	27-01-2021	11.00						Clear	N/A		Clear	Odourless	N/A
		Drain -2 flowing between nothern side of Serkawn & Zotlang	27-01-2021	11.45				Bathing		Clear	N/A	Public Water Supply	Clear	Odourless	N/A
		Drain -3 flowing between Southern side of Serkawn	27-01-2021	1.30						Clear	N/A	bathing, Dwelling, Paddy Field	Clear	odourless	N/A
		Dak Lui, Sairang	18-01-2021	12.00						Clear	N/A		Clear	Odourless	0.5
		Lawngpu lui	18-01-2021	12.15						Clear	N/A		Clear	Odourless	0.5
		Bawng lui	20-01-2021	5.30						Clear	0.43		Clear	Odourless	N/A
3	Tuipui River	Keilungliah Stream													
4	Tuivawl River	Serlui	20-01-2021	2.45						Clear	0.2		Clear	Odourless	0.03
5	Chite Stream	Tlak Lui	25-01-2020	2.30						Clear	0.2		Milky	Bad Smell	0.3
		Bangla Lui	25-01-2021	2.00						Clear	0.2		Greyish	Bad Smell	0.3
		Luihnai & Darnam Lui	25-01-2021	1.15						Clear	0.2		Pale Yellow	Foul Smell	0.3
		Sakawrupu lui	25-01-2021	1.30						Clear	0.2		Milky	Bad Smell	0.3
6	Mat River	Hmawngawn lui,Serchhip	26-01-2021	1.15				Irrigation		Clear	0.8	gardening, Fish Pond located near the ri	Clear	Odourless	0.9
7	Saikah Stream		NIL												
8	Tuikual Lui	Chawnpui Lui	19-01-2021	12.00						Clear	0.02		Milky	Pungent Smell	0.03
		Dinthar Lui	19-01-2021	12.20						Clear	0.02		Blackish	Pungent Smell	0.3
		Dawrpui Kawr	19-01-2021	11.25						Clear	0.03		Blackish	Pungent Smell	0.02
9	Tuirial River	Theihai Lui	07-01-2021	12.20						Clear	0.2		Pale Yellow	Odourless	0.4
		Hmawngkai Lui	07-01-2021	12.00						Clear	0.2		Pale Yellow	Odourless	0.5
		Lawibual Lui	07-01-2021	11.50						Clear	0.2		Clear	Odourless	0.4

Polluted Rivers Data With Drains Joining the Polluted locations January, 2021

SLNo	Name of Polluted River	Name of Drains	B. CORE PARAMETERS									C. GENERAL PARAMETERS										
			Water Temp (°C)	D.O (mg/L)	pH	Conductivity µs/cm	B.O.D (mg/L)	Nitrogen Nitrite (N-NO ₂) (mg/L)	Faecal Coliform MPN	Total Coliform MPN	Turbidity NTU	Total Alkalinity (mg/L)	Chlorides (mg/L)	Ammonia-N (mg/L)	Total Hardness (mg/L)	Calcium (mg/L)	Magnesium (mg/L)	Sodium (mg/L)	K (mg/L)	TDS (mg/L)	TSS (mg/L)	Total Phosphate (mg/L)
1	Tiau River	LK KAI	10	3.9	8	191	0.1	0.014	34	2400	7.8	114.3	12.1	0.733	106	32	6.2	1.5	1	150	10	0.086
2	Tlawng River	Drain -1 flowing between Pukpui & Zotlang	18	7.5	7.3	64	0.5	0.014	53	2400	1.7	20.7	8.4	0.441	34	8	3.4	2	1	50	0	0.056
		Drain -2 flowing between nothern side of Serkawn & Zotlang	17	7.2	7.3	108	0.7	0.012	43	2400	1.6	26.9	17.7	0.46	36	11.2	1.9	1.5	0.5	80	0	0.078
		Drain -3 flowing between Southern side of Serkawn	17	7.7	7.4	60	0.3	0.012	95	2400	1.5	26.9	11.2	0.551	20	4	2.4	1	0	30	0	0.052
		Dak Lui, Sairang	17	6	8.6	443	5.6	0.182	210	2400	4.8	132.2	68.8	4.1	120	40	4.8	2	0.5	90	10	0.251
		Lawngpu lui	17	7.5	8.03	208	1.3	0.008	53	2400	3.4	219	4.6	0.422	110	32	7.2	2.5	0.5	50	10	0.049
		Bawng lui	27	4	7.97	195	1.8	0.028	43	2400	8.8	115.7	4.6	0.543	90	24	7.2	1.5	0.5	120	20	0.103
3	Tuipui River	Keilungliah Stream																				
4	Tuivawl River	Serlui	11	8.2	7.6	355	2.2	0.015	75	2400	5.5	126	12.1	0.369	124	40	5.8	2	0.5	150	10	0.073
5	Chite Stream	Tlak Lui	19	4.1	7.29	612	1.8	0.065	29	2400	42.8	272.7	67	6.87	120	40	4.8	5	1.5	350	80	0.515
		Bangla Lui	19	4.1	7.6	928	2.5	0.111	1100	2400	67.4	386.4	125.5	8.801	152	48	7.7	7	2	560	70	0.687
		Luihnai & Darnam Lui	19	2.3	7.6	821	1.7	0.027	44	2400	58.4	324.4	100.4	7.197	166	56	6.2	6.5	1.5	530	170	0.398
		Sakawrpu lui	19	0.9	7.3	956	3.4	0.103	1100	2400	59	371.9	118.1	8.831	158	48	9.1	6.5	2.5	650	70	0.633
6	Mat River	Hmawngawn lui,Serchhip	16	6.2	6.9	196	3.2	0.014	75	2400	1.6	107.4	19.5	0.361	92	24	7.7	1	0.5	120	0	0.055
7	Saikah Stream		NIL																			
8	Tuikual Lui	Chawnpui Lui	18	0.4	7.9	949	5.2	0.306	1100	2400	100	338.8	132.1	10.83	130	40	7.2	2	0.5	1560	380	1.025
		Dinthar Lui	18	0.9	7.6	825	7.3	0.29	1100	2400	101.6	338.8	103.2	9.705	168	56	6.7	2.5	0.5	750	100	0.651
		Dawrpui Kawr	18	2.8	7.7	121	4.8	0.259	1100	2400	100	483.5	139.5	11.17	114	32	8.2	2.5	0.5	790	100	0.984
9	Tuirial River	Theihai Lui	19	4.1	7.54	672	3.6	0.084	210	2400	100	295.5	93	6.893	206	72	6.2	1	0.5	410	250	0.358
		Hmawngkai Lui	18	4.9	7.7	692	5.7	0.215	20	2400	12.6	291.3	81.8	5.662	188	64	64	1	0.5	350	30	0.207
		Lawibual Lui	20	5.9	8.27	501	4	0.015	290	2400	2.3	109.5	72.5	0.555	216	72	8.6	8.6	0	280	10	0.24

ANNEXURE-V

Location where flow duration curve had been obtained

IWRD																																																																					
<i>Sl. No.</i>	<i>Action required</i>	<i>Achievement as reported by the Deptt.</i>	Information's to be provided and for which a separate sheet may be attached, if required.																																																																		
1.	E-flow Assessment	Under process	<p><i>Mention progress made so far for works related to e-flow assessment up to the Reporting month</i></p> <p>- The gauged catchment flow quantiles and flow duration curve had been obtained as shown below:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;">Location</th> <th style="text-align: center;">q₅ (l/s. km²)</th> <th style="text-align: center;">q₅₀ (l/s. km²)</th> <th style="text-align: center;">q_{mean} (l/s. km²)</th> <th style="text-align: center;">q₉₀ (l/s. km²)</th> <th style="text-align: center;">q₉₅ (l/s. km²)</th> <th style="text-align: center;">FDC_{slp} (-)</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">Mat Rotlang</td> <td style="text-align: center;">351.23</td> <td style="text-align: center;">69.92</td> <td style="text-align: center;">95.07</td> <td style="text-align: center;">10.44</td> <td style="text-align: center;">7.44</td> <td style="text-align: center;">6.87</td> </tr> <tr> <td style="text-align: center;">Mat Valley</td> <td style="text-align: center;">427.55</td> <td style="text-align: center;">18.05</td> <td style="text-align: center;">267.12</td> <td style="text-align: center;">0.58</td> <td style="text-align: center;">0.38</td> <td style="text-align: center;">3.39</td> </tr> <tr> <td style="text-align: center;">Tlabung</td> <td style="text-align: center;">194.00</td> <td style="text-align: center;">13.03</td> <td style="text-align: center;">13.83</td> <td style="text-align: center;">4.49</td> <td style="text-align: center;">2.63</td> <td style="text-align: center;">1.77</td> </tr> <tr> <td style="text-align: center;">Tlawng</td> <td style="text-align: center;">123.93</td> <td style="text-align: center;">66.67</td> <td style="text-align: center;">74.14</td> <td style="text-align: center;">2.71</td> <td style="text-align: center;">2.24</td> <td style="text-align: center;">3.13</td> </tr> <tr> <td style="text-align: center;">Bairabi</td> <td style="text-align: center;">88.37</td> <td style="text-align: center;">54.22</td> <td style="text-align: center;">59.49</td> <td style="text-align: center;">34.57</td> <td style="text-align: center;">33.03</td> <td style="text-align: center;">2.93</td> </tr> <tr> <td style="text-align: center;">Tuirial</td> <td style="text-align: center;">23.74</td> <td style="text-align: center;">12.62</td> <td style="text-align: center;">6.72</td> <td style="text-align: center;">7.94</td> <td style="text-align: center;">7.76</td> <td style="text-align: center;">5.25</td> </tr> <tr> <td style="text-align: center;">Tuichang</td> <td style="text-align: center;">5451.58</td> <td style="text-align: center;">333.97</td> <td style="text-align: center;">184.47</td> <td style="text-align: center;">65.83</td> <td style="text-align: center;">49.30</td> <td style="text-align: center;">3.95</td> </tr> <tr> <td style="text-align: center;">Mateswari, De</td> <td style="text-align: center;">678.49</td> <td style="text-align: center;">51.24</td> <td style="text-align: center;">13.55</td> <td style="text-align: center;">3.91</td> <td style="text-align: center;">3.63</td> <td style="text-align: center;">3.53</td> </tr> </tbody> </table> <p>The different gauged catchment characteristics like area, perimeter, drainage density, slope, land-use land cover and different hydrological parameters has been obtained. Calculation of actual evapotranspiration of each gauged catchment is under process. Using these parameters, climatic classification will be conducted based on the hydro-climatic region in the catchment using Budyo curve.</p>				Location	q ₅ (l/s. km ²)	q ₅₀ (l/s. km ²)	q _{mean} (l/s. km ²)	q ₉₀ (l/s. km ²)	q ₉₅ (l/s. km ²)	FDC _{slp} (-)	Mat Rotlang	351.23	69.92	95.07	10.44	7.44	6.87	Mat Valley	427.55	18.05	267.12	0.58	0.38	3.39	Tlabung	194.00	13.03	13.83	4.49	2.63	1.77	Tlawng	123.93	66.67	74.14	2.71	2.24	3.13	Bairabi	88.37	54.22	59.49	34.57	33.03	2.93	Tuirial	23.74	12.62	6.72	7.94	7.76	5.25	Tuichang	5451.58	333.97	184.47	65.83	49.30	3.95	Mateswari, De	678.49	51.24	13.55	3.91	3.63	3.53
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ANNEXURE - VI

PLANTATION CARRIED OUT IN THE CATCHMENT AREA OF POLLUTED RIVER STRETCHES

Sl.No	Name of Polluted Rivers	Location of Plantation	Area (Ha)	Species
1	Tiau River	Zokhawthar	20	Michelia Champaca
2	Tuipui	Keilungliah kam HH.Tha	15	Chukrassia
3	Chite Stream	Chite	1.8	Grevillea robusta, Mesua ferrea, Saraca asoka, Artocarpus Chaplasha, Prunus serasoides, Artocarpus lacucha, Bischofia javanica, Delonix regia, Artocarpus hyterophylla, acrocarpus fraxinifolias, Phyllanthus emblica, Magnolia oblonga, Aquilaria mallaccencis, Oroxylum indicum, Syzygium cumini, Tigustrum robustum etc.
4	Tuirial River	Phulraw peng, Maubuang	150	Duabanga grandiflora, Toona ciliate, Logustrum robustum, Schima wallichii, Terminalia myriocarpa, Bischofia javanica, Mechelia champaca, Embilica officinalis, Gmelina arborea, Alseodaphne petiolaris etc.
Total			186.8	