

**ANNEXURE-I (Office of the Executive Engineer, PHED)
Sewerage & Drainage Aizawl 'E' Division**

B/Masonry Biodigester Details

| Sl. No. | Beneficiary Details | | B/ Masonry Details | Name of River | Category | Remarks |
|---------|-----------------------|----------------------|-----------------------------|---------------|----------|---------|
| | Name of Beneficiaries | Address | Unit (1unit= 1000lit) | | | |
| 1 | 2 | 3 | 4 | 5 | | 6 |
| 1 | Lalmuanzova | Ramhlun 'N' | 1 | Chite | P-V | |
| 2 | Lalremsiama | Chawnpui | 1 | Tuikual Lui | P-V | |
| 3 | C.Lalmuanpuia | Chanmari West | 1 | Tlawng | P-IV | |
| 4 | Dr.Vanlalthlana | Ramhlun 'N' | 1.2 | Chite | P-V | |
| 5 | Lalzawmliana | Armed veng 'S' | 1.2 | Chite | P-V | |
| 6 | Zabiaka | Chanmari | 1.2 | Chite | P-V | |
| 7 | Vanlalruati | Ramhlun V.L. | 1.2 | Chite | P-V | |
| 8 | Lalrinawma Sailo | Chaltlang Lily | 1.2 | Chite | P-V | |
| 9 | Krossmawii | Zonuam | 1.2 | Tuikual Lui | P-V | |
| 10 | Pc. Chunglura | Chawnpui | 1.2 | Tuikual Lui | P-V | |
| 11 | Thangchhingpuii | Saron Veng | 1.2 | Chite | P-V | |
| 12 | Thangrodinga | Salem veng | 1.2 | Chite | P-V | |
| 13 | Lalnunmawia Khiangte. | Tanhril (MZU Campus) | 1.2 | Tlawng | P-IV | |
| 14 | H Thankhumi | Chawlhmun | 1.2 | Tlawng | P-IV | |
| 15 | Lalruatkima Ralte | Durtlang leitan | 1.2 | Tuirial | P-V | |
| 16 | Pu Rina S/O | Chawlhmun | 1.2 | Tlawng | P-IV | |
| 17 | C.Zothantluanga | Mission V.T | 1.2 | Tlawng | P-IV | |
| 18 | John Zothansanga | Zarkawt | 1.2 | Chite | P-V | |
| 19 | Nguldama | Ramhlun 'N' | 1.7 | Chite | P-V | |
| 20 | C.Tlanglawma | Salem Veng | 1.7 | Chite | P-V | |
| 21 | Chawnghuliana | Chanmari West | 1.7 | Tlawng | P-IV | |
| 22 | C.Lalsangluaia | Dinthar Tlang | 1.7 | Tuirial | P-V | |
| 23 | LC Hlima Pautu | Durtlang | 1.7 | Tuirial | P-V | |
| 24 | C. Varparha | Salem | 1.7 | Chite | P-V | |
| 25 | Pu Lalneihkima | Dinthar | 1.7 | Tuikual Lui | P-V | |
| 26 | Pu Thangkima | Kulikawn | 1.7 | Tlawng | P-IV | |
| 27 | David Lalchhuanawma | Durtlang | 1.7 | Tuirial | P-V | |
| 28 | Pastor RS Rokima | Tlangnuam 'w' | 1.7 | Tlawng | P-IV | |
| 29 | Lalhmuaka | Maubawk | 1.7 | Tlawng | P-IV | |
| 30 | Thanchhunga | Durtlang Mel-5 | 1.7 | Tuirial | P-V | |

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| 31 | R.L. Mangliana | Nursery | 1.7 | Tlawng | P-IV | |
| 32 | Rosiana | Selesih | 1.7 | Tuirial | P-V | |
| 33 | R.Vanlalawmpuia | Salem veng | 1.7 | Chite | P-V | |
| 34 | B.Lalruma Sailo | Chawnpui | 2.3 | Tuikual Lui | P-V | |
| 35 | Lalkailiana | Chanmari | 2.3 | Tuirial | P-V | |
| 36 | Lalrinthangi | Ramhlun 'S' | 2.3 | Chite | P-V | |
| 37 | R.K.Vanlalsawma 1 | Kanan Veng | 2.3 | Tuikual Lui | P-V | |
| 38 | Thangrosiana | Chawlhmun | 2.3 | Tlawng | P-IV | |
| 39 | Nghakkhawma | Bawngkawn | 2.3 | Chite | P-V | |
| 40 | B.Chhawnkima | Dinthar | 2.3 | Tuikual Lui | P-V | |
| 41 | Isaack Lalchhuanmawia | Durtlang | 2.3 | Tuirial | P-V | |
| 42 | Jerry Lalhmunsanga | Durtlang | 2.3 | Tuirial | P-V | |
| 43 | H Lalchhandama | Kulikawn Zobawm | 2.3 | Tlawng | P-IV | |
| 44 | R.Lalnithanga | Chhinga veng | 2.3 | Chite | P-V | |
| 45 | H Lalparliani | Durtlang LT | 2.3 | Tuirial | P-V | |
| 46 | Denghmingthanga | Kulikawn | 2.3 | Tlawng | P-IV | |
| 47 | R Vanlalawmpuia | Salem Mualpui | 2.3 | Chite | P-V | |
| 48 | Pu Tluanga | Ramhlun 'N' | 2.3 | Chite | P-V | |
| 49 | R.Rohmingliana | Ramhlun N | 2.3 | Chite | P-V | |
| 50 | Lalngaihawma | Zemabawk | 2.3 | Tuirial | P-V | |
| 51 | Pu Pahlira | Bethlehem VT | 2.3 | Chite | P-V | |
| 52 | F.Lawmsangi | Zotlang | 2.3 | Tuikual Lui | P-V | |
| 53 | Lalrinsanga | Chawnpui | 2.3 | Tuikual Lui | P-V | |
| 54 | Lalrinsanga | Chawnpui | 2.3 | Tuikual Lui | P-V | |
| 55 | Zoliana | Kulikawn | 2.9 | Tlawng | P-IV | |
| 56 | Chanchinmawii | Dinthar | 2.9 | Tuikual Lui | P-V | |
| 57 | Lalsawta | Tuikual "S" | 2.9 | Tuikual Lui | P-V | |
| 58 | Lalduhawmi | Chanmari | 2.9 | Chite | P-V | |
| 59 | KC Zorammuana | Chaltlang Lilly | 2.9 | Chite | P-V | |
| 60 | LBS Suzuki (Mesai-a) | Bawngkawn Brg | 2.9 | Chite | P-V | |
| 61 | LBS Suzuki (Mesai-a) | Bawngkawn Brg | 2.9 | Chite | P-V | |
| 62 | Pu Chhantea | Ramhlun S | 2.9 | Chite | P-V | |
| 63 | V.L.Nunmawia | Ramhlun 'N' | 3.5 | Chite | P-V | |
| 64 | Laldinsanga hnamte | khatla bungkawn | 3.5 | Tuikual Lui | P-V | |
| 65 | K.zosangliana | Chaltlang | 3.5 | Chite | P-V | |
| 66 | H Lalparliani | Durtlang LT | 3.5 | Tuirial | P-V | |
| 67 | Lalduhawmi | Chanmari (Saron road) | 3.5 | Chite | P-V | |

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|----|---|---------------------------|--------------|-------------|-----|--|
| 68 | Vanlalawmpuia | Bawngkawn brigade | 3.5 | Tuirial | P-V | |
| 69 | Vanlalngena | Chawnpui | 4.2 | Tuikual Lui | P-V | |
| 70 | S.Beihrosa 1 | Bawngkawn Brigade-I | 4.2 | Tuirial | P-V | |
| 71 | S.Beihrosa 2 | Bawngkawn Brigade-II | 4.2 | Tuirial | P-V | |
| 72 | R. Sangkhuma | Khatla | 4.2 | Tuikual Lui | P-V | |
| 73 | C.Lalhmingliana | Upper Kannan | 4.8 | Tuikual Lui | P-V | |
| 74 | Lianlunga Sailo | Venghloi | 4.8 | Chite | P-V | |
| 75 | H.Rotluanga FTH | Dinthar | 4.8 | Tuikual Lui | P-V | |
| 76 | Vanlalnghaka | Vaivakawn | 4.8 | Tuikual Lui | P-V | |
| 77 | C.Chawnghnuna | Zemabawk | - | Tuirial | P-V | |
| 78 | Lalngahmawia | Dinthar | 6 | Tuikual Lui | P-V | |
| 79 | Manhnuni | Thakthing | 0 | Chite | P-V | |
| 80 | Lalmalsawma | Bawngkawn | 6 | Chite | P-V | |
| 81 | Skyride Construction | Civil Hospital | 6 | Tuikual Lui | P-V | |
| 82 | Skyride Construction | Civil Hospital | 6 | Tuikual Lui | P-V | |
| 83 | Ramfangzaua | ITI | 6 | Chite | P-V | |
| 84 | AMC (Mawitea) | Thuampui | 6 | Chite | P-V | |
| 85 | AMC (Mawitea) | Thuampui | 6 | Chite | P-V | |
| 86 | Lushai Engineer/Join YMA Multipurpose Hall, Vaivakawn | Vaivakawn | 12 | Tuikual Lui | P-V | |
| | | TOTAL(B): | 229 | Units | | |
| | GRAND TOTAL OF FRP AND BRICK MASONRY UNITS(A+B): | | 578 | Units | | |
| | | TOTAL MLD TREATED: | 0.578 | 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. |

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|---|--|---|--------|-------|--|----|----|------------------------|-----|-------------------------------|-------|--|-----|--------|---------|---------|---|-----|--|
| 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. |

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|----|--|--|--------|-------|--|----|----|------------------------|-----|-------------------------|-------|---|-----|--------|----------|----------|---|-----|---|
| 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 | Lalhmgaiha 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. |

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|----|---|--|--------|-------|--|----|----|------------------------|-----|-------------------------|-------|---|-----|--------|---------|---------|---|-----|---|
| 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. |

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|----|--|--|--------|--------|--|----|----|------------------------|-----|-------------------------|-------|---|-----|--------|---------|---------|---|-----|---|
| 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 | |

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|----|--|--|--------|--------|-------|----|----|------------------------|-----|-------------------------|-------|--|-----|-------|--------|--------|---|-----|
| 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 |

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|----|----------------------------|---|--------|--------|-------|----|----|------------------------|-----|-------------------------|-------|---|-----|-------|--------|--------|---|-----|
| 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 |

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|----|---------------------------------------|---|--------|--------|-------------------------|----|----|------------------------|-----|-------------------------|-------|--|-----|--------|--------|--------|---|-----|---|
| 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. |

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|----|--|---|--------|--------|-------------------------------|----|----|------------------------|-----|-------------------------------|-------|---|-----|--------|---------|---------|---|-----|--|
| 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 Tuiriial 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 | | | | | | | No operation since notice for disconnection of water supply was served as per the order. |
|----|---|------------------------|--------|--------|-----------|----|----|------------------------|--|-------------------------|-------|--|---|--|--|--|--|--|--|--|

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

**FEBRUARY
2021**



MIZORAM STATE POLLUTION CONTROL BOARD

DETAILS OF POLLUTED LOCATIONS & RESULTS OF FIELD PARAMETERS FOR THE MONTH OF FEBRUARY, 20210

| Sl. No. | Station Code | Name of Station | Location | Co-Ordinates | | | 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) | | |
| | | | | Longitude | Latitude | Elevation | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | | |
| 1 | 3756 | Tiau River | Near Boundary Tiau Bridge, Zokhawthar Village, Champhai District, Mizoram | 93°23'31.0"E | 23°21'42.8"N | 720m | 15-02-2021 | 10.30 | | Domestic | | | | | Clear | 1.1 | Washing | | Pale yellow | Odour free | 0.5 |
| 2 | 3709 | Tlawng River, Sairang | Sairang Village, Aizawl District, Mizoram | 92°39'10"E | 23°48'49"N | 80m | 15-02-2021 | 12.16 | | Agriculture | | | | Clear | 3 | Sand collection | | Clear | Odour free | 0.5 | |
| | 3734 | Tlawng River, Upper Stream, Lunglei | Near Tlawng Bridge, Mausem Village, Lunglei District, Mizoram | 92°49'15.0"E | 22°51'21.2"N | 1080m | 08-02-2021 | 12.00 | | Agriculture | | Washing, Bathing | Clear | 0.3 | Washing, Domestic Purpose | | Clear | Odour free | 0.3 | | |
| | 3736 | Tlawng River, Palthleng, Zotlang, Lunglei | Near P.H.E Water Treatment Plant, Zotlang, Lunglei Distirct, Mizoram | 92°45'45.7"E | 22°56'53.5"N | 800m | 08-02-2021 | 3.15 | | Agriculture | | Drinking Water Source | Clear | 3.1 | Dwelling Vehicular Movement | | Clear | Odour free | 0.2 | | |
| | 3754 | Tlawng River, Downstream, Bairabi | Bairabi Village, Kolasib District, Mizoram | 92°32'14.3"E | 24°10'44.7"N | 40m | 14-02-2021 | 2.30 | | Agriculture | | | Clear | 1 | Fishing | | Pale yellow | Odour free | 0.2 | | |
| 3 | 3757 | Tuipui River | Near P.H.E Treatment Plant, Champhai District, Mizoram | 93°16'27"E | 23°30'18.8"N | 800m | 15-02-2021 | 11.30 | | Agriculture | | Drinking Water Source | Clear | 1.5 | | | Clear | Odour free | 0.2 | | |
| 4 | 3720 | Tuivawl River | Near Tuivawl Bridge, Seling Village, Aizawl District, Mizoram | 93°2'6"E | 23°38'31"N | 500m | 17-02-2021 | 12.45 | | Agriculture | | Domestic | Clear | 0.5 | Washing & Bathing | | Clear | Odour free | 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 | 01-02-2021 | 12.00 | | Domestic | | | Clear | 0.2 | | | Clear | Odour free | 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 | 08-02-2021 | 10.10 | | Agriculture | | Washing, Domestic Purpose | Clear | 1.5 | Plantation, Gardening | | Clear | Odour free | 0.6 | | |
| 7 | 3740 | Saikah stream | Saikah Village, Lawngtlai, Mizoram | 92°53'40.1"E | 22°27'21.3"N | 800m | 25-02-2021 | 9.30 | | Domestic | | Drinking Water Source | Clear | 0.2 | | | Clear | Odour free | 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 | 08-02-2021 | 11.45 | | Domestic | | | Clear | 2 | | | Clear | Odour free | 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 | 02-02-2021 | 12.45 | | Agriculture | | | Clear | 0.5 | Fishing | | Clear | Odour free | 0.5 | | |
| | 2053 | Tuirial L/s Aizawl | Tuirial Village, downstream of Tuirial Bridge | 92°47'57.92"E | 23°43'5.22"N | 185m | 02-02-2021 | 1.15 | | Agriculture | | | Clear | 0.5 | Fishing | | Clear | Odour free | 0.5 | | |

**WATER QUALITY DATA OF 9(NINE) POLLUTED RIVER STRETCHES
FOR THE MONTH OF FEBRUARY, 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 | 12 | 4.9 | 7.9 | 197 | 0.2 | 0.007 | | | 7 | 119.8 | 12.1 | 0.281 | 92 | 15.2 | 13 | 2.5 | 1 | 70 | 15 | 0.03 |
| 2 | 3709 | 19 | 10 | 8.5 | 147 | 2.1 | 0.012 | 35 | 1100 | 3.9 | 97.1 | 9.3 | 0.483 | 62 | 16 | 5.3 | 1.5 | 0.5 | 70 | 10 | 0.058 |
| | 3734 | 15 | 6.8 | 7.5 | 46 | 1.1 | 0.011 | | | 2.2 | 28.9 | 3.7 | 0.247 | 38 | 8 | 4.3 | 1.5 | 0 | 90 | 20 | 0.08 |
| | 3736 | 16 | 6.7 | 7.1 | 78 | 1.3 | 0.01 | | | 1.5 | 33.1 | 7.5 | 0.331 | 56 | 12.8 | 5.8 | 1 | 0 | 60 | 20 | 0.078 |
| | 3754 | 25 | 6.4 | 7.8 | 194 | 1 | 0.02 | | | 4.7 | 124 | 10.3 | 0.768 | 94 | 28 | 5.8 | 1.5 | 0.5 | 100 | 10 | 0.068 |
| 3 | 3757 | 12 | 4.4 | 7.2 | 65 | 1.8 | 0.006 | | | 1.5 | 56.6 | 8.3 | 0.372 | 14 | 15.2 | 2.4 | 2 | 1 | 30 | 10 | 0.025 |
| 4 | 3720 | 16 | 8.4 | 7.5 | 122 | 0.8 | 0.013 | | | 1.8 | 80.6 | 5.6 | 0.893 | 50 | 10.4 | 5.8 | 3 | 1 | 60 | 10 | 0.111 |
| 5 | 3718 | 19 | 3.3 | 7.3 | 583 | 2.6 | 0.736 | 35 | 2400 | 5.4 | 245.9 | 93 | 4.625 | 184 | 64 | 5.8 | 4 | 1 | 370 | 30 | 0.171 |
| 6 | 3735 | 17 | 7.1 | 6.8 | 34 | 1.4 | 0.015 | | | 2.2 | 31 | 7.5 | 0.521 | 38 | 8.8 | 3.8 | 1 | 0 | 50 | 10 | 0.079 |
| 7 | 3740 | 21 | 7.4 | 7.72 | 88 | 1.6 | 0.018 | | | 1.5 | 78.5 | 7.5 | 0.665 | 64 | 16 | 5.8 | 2 | 0 | 50 | 10 | 0.109 |
| 8 | 3712 | 18 | 4.7 | 7.7 | 286 | 0.5 | 0.02 | 44 | 53 | 4.3 | 144.6 | 39.1 | 0.391 | 88 | 28 | 4.3 | 1 | 0 | 140 | 10 | 0.093 |
| 9 | 2052 | 18 | 5.7 | 8 | 176 | 0.5 | 0.019 | 93 | 290 | 4.1 | 107.4 | 9.3 | 0.395 | 76 | 20 | 6.2 | 0.5 | 0 | 110 | 10 | 0.062 |
| | 2053 | 18 | 5.5 | 8.2 | 175 | 0.31 | 0.018 | 210 | 290 | 5 | 111.6 | 10.2 | 0.471 | 80 | 24 | 4.8 | 0.5 | 0 | 130 | 10 | 0.066 |

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 |