

EXECUTIVE SUMMARY OF EIA

1.1 INTRODUCTION

He report hian project siamin environment-a nghawng a neih theih dan mumal taka chhinchhiah hi a tum a ni a. Development project hna khawih a nih in, environment a nghawng dan tak hre chat thei turin environmental impact assessment hi project thawh tantir lamah neih a ni thin a, chu chuan project thawh a nih chhung zawnga environment khawih chhe lo thei ang ber tura kalpui hi a tum a ni. Environmental baseline (tehfung) hman m êk siam te, environment a tha zawnga nghawng lian tak a neih dan tur te, leh environment khawih chhe lo thei ang ber tura hmalâk leh ruahmanna siam te hi a huam a ni.

Environment Impact Assessment (EIA) zirchianna chuan Municipal Solid Waste Management project-in environment leh vantlang nunphung, ei leh bar thlenga a nghawng theih dan tur lo hrilh lâwk leh zir chian te, leh environment chhe m êk siam thatna tur leh a chhiat belh zel lohna nâna lo inrin lâwk leh ruahmanna - Environment Management Plan (EMP) siam te hi a huam a ni.

1.2 DESCRIPTION OF PROJECT

He project hi MoEF-in notification September ni 14, 2006-a a chhuahah category “B” hnuai a awm in, Municipal Solid Waste Management Facility - 15 MTPD nei chin a huam a ni. Lunglei khawpui Municipal Solid Waste Management Facility zir chianna (survey) neihin a tar lan dan chuan, 25.65 TPD hi Lunglei khawpuiin kum 2011-a bawlhhlawh an siam chhuah a ni a, 30.10% (7.72 TPD) hi tawih thei chi a ni a, 49.09% (12.59 TPD) hi hman nawn leh theih (recyclable) a ni a, 20.81% (5.34 TPD) hi mei vâp leh lei/thil nawi a ni thung. Ni tina mi pakhatin bawlhhlawh a paih/siam chhuah zât hi 0.450 kg/ capita/ day anga chhût a ni. Tunah hian, Lunglei khawpui atanga bawlhhlawh lâk khawm hi a paihna hmun Tlabung kawnga awm, Lunglei khawpui laili atanga 8.5 km-a hla a ni a, bawlhhlawh hi thliar hran emaw sawngbawl hmasak emaw a ni lo. Kum 8 chhung chu he bawlhhlawh paihna hmun hi hman a lo ni tawh a, bawlhhlawh hi eng mah thliar hran leh sawngbawl lova paih tawh a nih avang hian nasa takin environment-ah nghawng tha lo tak a nei m êk a ni.

1.3 DESCRIPTION OF THE ENVIRONMENT

Solid Waste Management Centre-in Lunglei khawpui leh a chhehvel environment a nghawng dan zir chian a ni a, generate baseline data neih nan hêng - boruak, tui, bengchheng (noise), ram leilung hman dan (land use pattern), tui hna (hydrology), nungcha (flora & fauna), leh vantlang nunphung leh ei leh bar zawnna kawng te hi thlasik laiin zir chian a ni a. Environment dinhmun hêng teh khawng hrang hrang atanga a lan dan chu a hnuai a hian tawi fel taka tar lan a ni:

1.3.1 Physical Environment (Mita hmuh theih)

Sik leh sa (Climate)

He project kalpui a nihna hmunah hian sik leh sa chu hmun lia then a ni a, chûngte chu - thlasik (December to February), nipui (March to May), fûr (June to September) and favâng (October to November) te an ni. Boruak hi a nuam tâwk hle a, nipui leh thlasikah pawh a lum lutuk lo va, a vawt lutuk lo baw. October thla aţangin thlasik hi a inţan a, February thla tâwp thlengin a daih a ni. Lunglei khawpui boruak hi dai nuam hle a, kum tluanin boruak hnâwng (humidity) a sangin, ruahtui tla pawh a thahnem hle. A tawi thei ang berin sawi ila, sik leh sa nuam tak neiin kumtluanin a vawt lutuk lo va, a lum lutuk baw hek lo. Kum khat chungin 2350.9mm ruahtui a tla a. Kum khata ruahtui tla 20% hi fur inţan hmain (pre-monsoon months) khawpui leh t k nen a bei ţhin a, 60 aţanga 70 percent hi May aţanga August thla chungin a tla baw.

Topography and Drainage (Ram leilung awm dan leh luikawr awm dan)

Lunglei District ram leilung awm dan hi a inang lo hle a. A district khaw chhak lam leh hmar lam chu tlang sang leh chhengchhia (hilly terrain with high and prominent relief) a ni a, khawthlang leh chhim lam erawh chu tlang b wk hniam leh inkham zui (low and less prominent ridges) a ni thung. Chutichuan, a tlangpuiin tlang inkham zui k rah phai ruam a inzep tiin a sawi theih ang.

Drainage (Luikawr awm dan)

Lunglei hi tlang sanga awm a ni a, 20 % aia tam hi awih tl n (slopes) a ni, ruahtui tam zawk hi lei chung l nga luang ral (surface run off) a ni a. Luikawr awm chu hetiang hian then a ni : (i) khawchhak lam (eastern drainage system); (ii) khawthlang lam (western drainage system). Lui pathum- a chhak lamah Mat, a hm r lamah Tlawng leh khawthlanh lamah Rangte luiin he khawpui hi a hual a. Lunglei khawpui a ruahtui tla leh tui chhia hi Tlawng leh a fintu (Tlawng River system) lui kawrah an luang l t deuh vek a ni.

Air Environment

Ambient air quality monitoring hi hmun 6-ah endik a ni. A endikna tur hmun hi project-a ruahman angin downwind, cross wind leh up wind-a thlan a ni. Boruak tibawlhhlawhtu (air pollutants) te chu - Particulate matter (PM10 & PM2.5), Sulphur dioxide (SO2), oxides of nitrogen (NOX), Darkar 8 chungin sample l k a ni a, a result hi MoEF leh CPCB-in a tehfung an siam mil turin darkar 24 average-a l k a ni. Particulate Matter < 2.5 microns a tl m aţanga a tam lam hi 2.1 to 4.3 $\mu\text{g}/\text{m}^3$ a ni a, particulate matter <10 microns erawh 15 to 40 $\mu\text{g}/\text{m}^3$ inkar a ni thung. Sample lakna hmuna Sulphur dioxide tam lam chu 3.2 to 6 $\mu\text{g}/\text{m}^3$ a ni a, oxides of nitrogen chu 1.5 to 4 $\mu\text{g}/\text{m}^3$ a ni. H ng boruak tibawlhhlawhtu (pollutants) sample l k khawm te hi CPCB Standards {Particulate Matter (100 $\mu\text{g}/\text{m}^3$) leh sulphur dioxide and nitrogen dioxide (80 $\mu\text{g}/\text{m}^3$)} nena khaikhinin, tun dinhmunah chuan a la zia viau rih niin a lang.

Noise Environment

Base noise levels hi hmun 6-ah chatlak awm lovin noise measurement device hmanga endik a ni a. Chhun lamah 6 AM aṅanga 10 PM leh zan lamah 10 PM to 6 AM noise level hi teh a ni a. Noise level hi Ambient Noise Standards of residential standards milpuia teh a ni a. Thingtlangah chuan thli thaw leh sava hian a bik takin zan lamah thawm an siam tam a Zir chian a nih chhungin noise level hi 44.6 to 46.9 dB (A) chhun lamah a ni a , zan lamah erawh 36.8 to 39.5 dB (A) a ni thung. Result aṅanga a lan dan chuan day equivalents leh night equivalents te hian Ambient Noise standards of residential standard hi an kal pel lo a ni .

Water Environment

Surface leh Ground water sample hi zir chian turin project kalpuina hmun hrang hrang aṅanga lâk khawm a ni a, a tui awm dan leh nihphung (physico-chemical and biological parameters) hmangin he project leh a chhehvela tui quality hi endik leh hriat theih a ni. Lei hnuai tui sample hi hand pump leh tuichhunchhuah thingtlang miten ni tina an hman aṅangin lâk chhuah a ni a. Lei chunglânga tui sample chu dil, tuikhuah leh lui aṅanga lâk a ni. Lei hnuai tui pH hi 5.92 vel a ni a, surface water pawh 6.06 aṅanga 6.32 a ni, ground water TDS level hi 23.36 mg/l a ni a, surface water-ah chuan 9.3 to 12.3 mg/l a ni thung. Ground water-a chloride tam lam hi 34.96 mg/l a ni a, surface water hian chloride 29.12 - 39.99 mg/l a nei thung. Ground water hardness hi 138 mg/l niin surface water hardness chu 20 to 40.2 mg/l inkâr a ni thung. A vaia khaikhawmin, ground water leh surface water zir chian tura lâk te hi mihringte in atan a tlâk a; a him tawk chin hnuai awmin hêng surface water sample lâk khawmte hian IS: 2296-1982 inland surface water Standards hnuai ah class ‘A’ norms an pha vek a ni.

Soil

Lunglei hi leilung awm dan thliar hrannaah chuan North Eastern Hills (Purvanchal) hnuai dah a ni a, thlai chin nan a ṭha a, a lumin boruak a hnawng bawk. A ram leilung 43% hi laterite soil a ni a, a bâk zawng hi alluvial soil leh forest soil niin humus a tam hle (ICAR, 2018). A ram leilung pianhmang chu, Lunglei district hi Chhim leh Hmar hawi zâwngin tlâng a inkhawh thlûr sung a. Hêng tlângte hi a awihin a karah lui emaw kawrtêin emaw a tlangpuiin a daidang ṭhin. Hêng luikawr tam zâwk hi Chhimtui (Kaladan River)-ah a in chung lût. Leilung chhungril zir chiannaah chuan, Lunglei hi shale, siltstone, leh Miocene age aṅanga lo insiam tawh sandstone of Surma-ah te hian a hausa a ni.

Land Use

Ram leilung hman dan leh land cover hi hun leh hnam nunphung a zirin a danglam thei viau a. He zir chiannaah hian land use leh land cover hi chi 5 laia ṭhen theih a ni. Mihring inthlahpung zel avangin damkhawchhuah nan ram chu a lo dâin chenral mêk a ni a. Built-up land chu 9.87% niin town area leh kawngpui a huam a, Agriculture 20.13%. Open forest hi zir chiannaah chuan tam berin 55.25% hman tawh a ni a, 14.75% chu ram chang a ni thung. Figure 5.10 hian ram leilung hman dan te, bawlhhlawh paihna hmun chhim lama hnim hring leh thinkungin a awch chin te a lantir a, chutih laiin built-up land chu bawlhhlawh paihna hmun chhak lamah hmuh a thung a, thlai chinna hmunin a hual a ni.

Biological Environment/Bio Assessment:

Lunglei District ram zau zâwng pumpui (4572.00 sq.km) atângin 88.6 % chu ramgawin a aw h a (FSI, 2019). A chhûnga cheng mipuite chuan an khaw ram chu an duh danin Village Council thuneihna hnuaiah an hamng thei a. ISFR classification of 2019 (FSI, 2019)-in a tar lan danin, Lunglei huam chhunga ramngaw 283105 ha.-a zau hi open forests (70.39%) a ni a, 119013 ha. (29.59%) hi moderately dense forests a ni a, 99 ha. (0.02%) hi thing bitna hmun a ni(very dense forest).

He zir chianna hian SWMC propose atânga km 10 bial chhûng a huam a. He zirchiannaah hian open Forest cover, fallow land, agriculture land leh build up area te a tel a ni.

FLORA

10 sq. kms. huam chhungah zir chianna hi kalpui a ni a;amaherawhchu, Proposed Landfill Site hian 7.2 hectares chauh a aw h a ni. He zirchianna hmun hi chul a nih avangin open forest a ni a, eng forest type-ah mah dah theih a ni lo. Hmun tam zawk hi mimal ram a ni a, hman tawh loh leh rauhsan tawh deuh vek a ni. Lo neihna hmun a nih avangin vegetation cover hi a tlem hle a, rare and endangered species pakhat tê mah hmuh theih leh hmuhna tur chance a awm lo. Tuihna a tha lo hle a, kawrtê pathum emaw nallahs an tih mai hi a awm a, chu pawh chu thal lain a kangchat deuhthaw a ni.

Rare and Endangered Species

Biodiversity survey atânga a lan dan chuan, endemic, rare and endangered species te hi Study Area chhûngah hmuh tur an awm lo.

FAUNA

Fauna chuan study area chhunga ramsa awm zawng zawm a huam a. He zir chiannaah hian IUCN Red List criteria chu he lai hmuna ramsate dinhmun hriat chian nana tehfung atana hman a ni. Hun a chêp avangin duh ang thâlin ramsate dinhmun hi zir chianna hman a awm lo va, data kan neih tam zawk hi secondary data (mi dang lâk sa) a ni.

1.3.2. Socio-economic Environment

Mizoram chu ram hring mawi leh nuam, zo nun ze mawi pangpâr ang maia mawi taka a vulna hmun, hnam nunphung hausâ tak leh lal neia khawsa thîn an ni. Kût hrang hrang hian Mizote nunphung a tar lang a, an themthiamzia leh zai leh lâma an chîm chin sânzia hmuh theihin a awm.

Mizoram chu 21081 sq.kms-a zau a ni a. 2011 Census atânga a lan dan chuan, mi nuai 10.97 Mizoramah hian an khawsa a, 2001 census-ah chuan mi nuai 8.89 an khawsa a ni. Chhiarpui hnunung bera Mizorama chêng zawng zawng chu mi 1,097,206 an ni a, chûng

zingah chuan mipa - 555,339 awmin mi 541,867 chu hmeichhia an ni. State population density(km khat bial chhunga mihring bit zawng) hi 52per sq. km. (India ram pum – 382per sq.km) a ni a. Mizoram decadal growth rate(chhiarpui neih inkara than dan) hi 29.18% (against 21.54% for the country) a ni a, national rate aiin Mizoramah hian mihring nasa takin an pung a ni. Major demographic indicators chu a hnuaiah hian tar lan a ni.

General Statistic of the district

AREA	SQ.KM.	4,536 km ²
LONGITUDE	DEGREE	22.8831° N
LATITUDE	DEGREE	92.6984° E
ALTITUDE	METRES	1222

1.4. Environment chhiat belh zel loh nana hmalâkna leh lo inven lâwk dan tur.

Project proposal-in environment a nghawng theih dan hi project hna kal lai leh a hnua a hnathawh dan ringawt ațanga chhât lovin, project site-a tûn dinhmuna environmental quality pawh en tel tur a ni. Proposed project chuan environment a nghawng dan hi hun hnih(two phases)-in a then theih.

- Impact during development phase (Hmasawna tura project kalpui a nih mêk laiin)
- Impact during operation phase (Project-in hna a thawh tak tak hnu)

a) Impacts during development phase:

Development phase chuan site clearance (ram thiah), site formation (lei laih), building works (in sak/lung rem), infrastructure siam leh leh rem khawm te hi a huam a. Hei hian hna thawhna hmun chhông (project area) chauh a nghawng tura ngaih a ni a, project area pawn lam erawh chu a nghawng lutuk lo va, tlemin a ngaihthah theih deuh niin a lang.

b) Impacts during Operation Phase

Operation phase chuan air environment (boruak) te, water environment(tui) te, land environment(lei) leh socio-economic aspects (vantlang nunphung) te a nghawng a ni.

Impact on Air Quality

Project hna thawhna hmun ațanga vaivut khu leh thil nawi lêng vêl hian air quality-ah nghawng a nei a. Hnathawh lai (construction phase)-a lirthei leh khawl hman ațanga meikhu chhuak hian PM, SO₂, NO_x, CO leh unburnt hydrocarbons level boruakah a tisang thei. Operation phase-a boruak tibawlhhlawhtute chu- landfill operations (bawlhhlawh chhun khawm), vehicular movement(lirthei chêt velna), incinerator(bawlhhlawh hal ralna), leh DG set(generator) te an ni.

A tihziaawmna tura kawng awmte chu:

- Regular water sprinkling. (Tuia phuh huh)
- Bawlhhlawh khû leh vaivut a darh loh nan Rangva emaw tin sheets 3m vela sanga hnathawhna hmun hung.
- Hnathawhna hmun ramri pawn 10 – 15m vela thing phun kual.
- Thing tiak kum 2 ațanga kum 3-a upa phun a , tui pêk ținat.
- Incinerator khu chhuahna dâwt chu inkaihhraina angin a hniam berah 30 m tal a ni tur a ni, Spray dryer, Multi cyclone, Bag house, Wet scrubber, te pawh a awm ngei tur a ni.
- Lei chhun khah (landfill) hna thawh a nih laiin, boruak leh a rim chhuak tur tihziaawm nan ni tin lei emaw mei vâp (soil/ash)-a chhill tur a ni a, fûr lai chuan temporary cover (HDPE/plasticsheets) hmangin a khuh theih ang.

Impact on Water Quality

Hnathawhna hmun tur siam a nih mêk lai hian, hanthawktute pawhin ei rawngbawlina ațanga tui chhia an paih te, inthiarna hmun an siam lailawk ațanga tui chhe paih te hian tui an tibawlhhlawh thei a. Engine oil leh lubricant te, leh tui chhia an khâwl te pawh a bûak palh chuan water quality a nghawng thei. Hnathawhna tur hmun lai leh ținah darh (site formation) hian surface run-off tam tak a siam thei a, hmanraw silfai te, lirthei leh container silfai te, landfill treatment, incineration, recycling plants leh dangte ațanga leachate lo pût chhuak pawh a huam tel a ni.

A tihziaawmna tura kawng awmte chu:

- Runoff water leh hmanraw silna tui chhia chu khur lai (working pit)-ah thil nawi leh sakhat lo man tang tura luan luhtir tur a ni a, a lo khat liam palh a nih chuan a bul hnaia thing phunna hmunah (greenbelt/plantation area) hruai pên tur a ni.
- Tui khawl sa chu construction purpose te, leh kawng khu tur phuh huh nan leh a dangtea hman nawn leh tur a ni.
- Mihringin tui chhia kan siam chhuah chu portable STP emaw sent to septic tank/soak pit-ah emaw luhtir tur a ni.
- Leachate/wastewater a tam lutuk chuan incinerator-a kaltir tur a ni a, hal tawh hnua bal khawro chambang chu solid waste anga ngaiin landfill-ah paih tur a ni.
- Ruahtui tla luang ral tur dan nan check dam siamin tui luankawr mumal tak siamin a khawlina tura khur lai a luang lût ang.
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Impact of Noise Level

Construction phase-ah chuan hun bi neiin thawm bengcheng hnathawh hrang hrang avangin a awm thei a chungte chu foundation works(ban khur lai, lei lai etc), fabrication of structures(thir chher, tan, welding, chhut), plant erection(ban phun) , construction equipment hrang hrang hman, lirthei chêtvelna leh a dangte. Operation phase-a thawm bengchheng siam țin chu bawlhhlawh paih (unloading of Solid waste), Incinerator, DG set, leh a dangte an ni.

A tihziaawmna tura kawng awmte chu:

- Thawm bengchheng siam thei hmanruate chu chhun lamah chauh a ʈul dan anga hman.
- Thawm bengchheng tiziaawm turin inhungna bang mumal tak neih, a theih hram chuan thawm bengchheng siam thei hmanrua chu mihring khawsak tamna hmuna hman loh.
- Lirthei project khawihna hmuna tlan reng reng chu speed limit siam te, a ʈul hunah chauh horn hman te.
- Hmanraw hrang hrangin thawm bengchheng an siam dan (Noise level specification) Occupational Safety and Health Association (OSHA)-in standard an siam chin chauh hman.
- Hnathawktute chu PPE entir nan beng hnawh (ear plugs), helmets, safety shoes, leh a dangte hmanga thuam.
- Project huam chhung leh kawngpui chheh vela thing phun.

Impact on Land Environment

Municipal solid waste landfill area-a chhek khawl aʈang hian lei tibawlhhlawh/ pawlh bawlhhlawhtu a insiam thei a.

A tihziaawmna tura kawng awmte chu:

Landfill area aʈanga leachate(bawlhhlawh tui chhia) lo insiam chu leachate khawlna khur (tank)-ah dah khawl leh leachate chu boruak khu tiziaawm turin landfill-ah bawk leih leh ʈhin a ni, a tinghet turin (mixing in stabilization process) pawlh a ni bawk ʈhin, etc. Leachate chu a tam lutuk chuan spray dryer hmanga sawngbawl a ni leh ʈhin.

Impact on Ecology

Ecological leh sensitive areas viz. wildlife sanctuary, national parks, archeological important areas ang hi project site aʈanga 10km huam chhungah hmuh tur a awm lo. Rare, endangered emaw ecologically significant animal and plant emaw pawh species hmuh tur a awm lo.

A tihziaawmna tura kawng awmte chu:

Project khawihna hmun hnaivaiah hian thing phun a nih avangin ecology chu a nghawng lutuk lo vang.

Impact on Socio Economics

He project hian a chheh vela cheng mihringte nunphung leh ei bar zawmna kawngah direct leh indirect takin a bul hnai khuaa mite hna a pe thei a. Project kalpui a nih avang hian public transport te, tui supply te, telecommunications, zirna , vantlang hriselna leh a dangte chenin hmasawmna a thlen thei a ni.

ENVIRONMENT MANAGEMENT PLAN

Environmental Management Plan (EMP) hi project site leh a chhehvela awmte tana sustainable development a awm theih nan a pawimawh a. EMP hi project hna thawh a nih chhung zawngin kalpui tur a ni a, a thil tum a chiang hle tur a ni a, a chhehvela ecological balance a awm theihna tur leh a nghawng tha lo a neih lohna turin a pawimawh a. EMP chu multidisciplinary approach niin mitigation, management, monitoring leh institutional measures te hi project siam lai leh a zawh hnua a hna kalpui tak tak a nihin a pawimawh a, a chhe zawnga environment a nghawng loh nan leh tihziaawm/pawm zam theih level-a tihhniam hi a tum a ni. Study area chhunga sustainable development a awm theih nan; thuneitu hrang hrang hêng plant authorities, sawrkar, regulating agencies, leh a bul hnaia mipui awmte hi tanrual a, thawhhona tha neih a tul a ni.

Mitigation measures hi construction leh operation phase hrang hranga ruahman a ni a, overall management plan hian receiving body-te supportive capacity tihchangtlunna kawngah a pui a ni. EMP hian a tum ber chu source level-a pollution chu a theih ang anga control a tum a, chu chu technology awm sa leh man tlawm zawk hmanga control a, paih(discharge) a nih hmian standard treatment-a sawngbawl chhonzawm a ni thin. Mitigation measures atana rawtnate hian zirchianna hmuna sum leh pai lama hmasawna leh he biala environment humhalhna chu a rualin a kal kawptir dawn a ni.

ENVIRONMENT MONITORING PROGRAM

Environmental monitoring program chuan environment quality thliar hran nan leh vil zui nan thil tih tur leh hmalak dan tur a tar lang a. Environmental monitoring hi environmental impact assessments inbuatsaih nana hman thin a ni a, hei bakah hian mihringte thil tih hrang hrangin natural environment a chhe zawnga a nghawng dan hriat chian nan a tangkai hle. Environmental monitoring program kalpui a nih dawn hian project proposal-in kawng hrang hranga environment a nghawng theih dan uluk taka ngaihtuah lawk a ni thin a. Environmental Monitoring Plan kalpuina tur hian budget pawh a hrana dah a ni thin. A monitor nana sum fai hman ngai tur zat pawh a hna thawh dan tur mila siam a ni bawk. Budget-ah Rs 5.875 Lakhs chu construction stage-a environmental monitoring atan dah lailawk a ni a. Operation stage atan Rs 22.815 Lakhs chu kum 3 chhung atan dah a ni bawk. Environmental monitoring atan hian a vaiin Rs 28.69 Lakhs sen ngai tura chhut a ni. Proposed project avang hian a vil zuina tur pawh changtlung leh huam zau zawka kalpui tura ruahmanna siam a ni.

A vil zui dan leh a vilzuina tur kawng hrang te hian a chhan leh a vang tha tawk tak an nei vek a, tuna environment dinhmun leh a tehkhawng (environmental parameters) a zirin a vil zui dan tur pawh hi ruahmanna siam thin a ni . Case hrang hranga monitoring result hi en nawn leh vek tur a ni a, awmze neia endikin (statistically) thuneitute hnenah thehluh tur a ni. Monitoring programme kalpui a nih hma hian a tehkhawng tur (baseline data) fel taka lo neih hmasak phawt tur a ni a, chumi nena khaikhin chuan monitoring chu kalpui chauh tur a ni. A vil zui dan tur chu hun thum (3 phase)-a then hran a ni

- Construction phase
- Monitoring phase
- Post monitoring phase

PROJECT BENEFITS (Project-in hlawkna a siam dan)

He project proposal hian kawng tam takin a bul vela chêng mihringte hnenah hmasawna a thlen thei a. A bul vela chêngte tân hna hmuhna tur tam tak direct leh indirect takin a siamsak thei ang. He project ațanga a hlawkna ber tur chu Integrated Municipal Solid Waste Management Facility hmangin environment chhe zel tur chu nasa takin a tiziaawm thei dawn a ni.

- Bawlhlahw sawngbaw dan chungchangah state dangte tân pawha entawn tlak a ni ang a, environment a lo thianghlim baw ang (green and clean Environment).
- Municipal Solid waste avanga environmental pollution awm thin hi a tlahniam ang.
- Dan leh hrai mumal tak zawmin chu chuan dan bawhchhiatna tur lak a vêng thei ang.
- Bawlhlahw paihna hmun (Municipal Solid waste dump sites) tam tak neih a ngai tawh lo va, hei hian pollution thleng tur lakah tam tak a veng thei ang.
- Hmun khata bawlhlahw sawngbaw hi a awlsamin sum sen a tlem zawk ang.
- Hmun khata environmental monitoring kalpui hi sum sen a tlem zawk ang.
- Natural resource tihbawlhlahw a nih loh nan a veng thei a, a bul hnaia environment pawhin hma sawn phah zawk ang.
- In leh thil dang mamawhna a lo sang ang.

CONCLUSION

EIA zir chianna chuan Integrated Municipal Solid Waste Treatment and Disposal Facility-in kawng hrang hranga environment a nghawng theih dan tur te. Hmasawna hnathawh (developmental activity) kalpui a nih dawn avangin hei hian environment a nghawng dan hriat chianna turin a tekhawng (environmental baseline) tur siam fel leh lâk khawm te a huam a ni.

Project proposal-in environment a nghawng theih dan hi project hna kal lai leh a hnua a hnathawh dan ringawt ațanga chhût lovin, project site-a tân dinhmun environmental quality pawh en tel tur a ni. He project avanga environment chhiat belh zel tur tihziaawm nan hmalak dan tur hrang hrang chu Environment Management Plan hmang hian tar lan a ni a. He plant kalpui tura sum sen ngai zat hi a ram man a zira chhût niin civil, building leh thlai leh khawl thlenga chhût tel a ni. He project atana a vaia sum sen ngai chu Rs. 6 crore a ni.