



1.0 RORENA TLANGPUI KHAI KHAWMNA

Oil and Natural Gas Corporation Limited (ONGC) chuan AA-ONN-2001/2 bial, Kolasib leh Mamit District, Mizoram ah hian ngun taka lei verh a rawt.

NELP bial, AA-ONN-2001/2, Mizoram chhung ami, 5340sqkm hi ONGC-IOC (80% leh 20% PI) leh ONGC te tang dun chu thu remna pek an ni a; thawh khatna leh thawh hnihna ah MWP tihhlawhtlin anih hnuah, ONGC hi thawh thumna ah a kai leh a, 08.04.2013 atanga thawh tan niin, PSC tehkhawng angin helai bial ah hian 1345sqkm chu thlah/bansan a ni a, 2660sqkm chelh a ni thung. Thawh thumna ngun taka endikna kal mekah hian, ONGC chuan lei verh pakhat a la mamawh/tul a, heihi MWP nena intiamna a ni. Hemi bakah hian, ONGC chuan heti lai hmun pumpuiah hian hydrocarbon inphum ru awm theite haichhuah nan lei verh belh a rawt bawk a ni.

Environment Impact Assessment (EIA) hriattirna, 14th September, 2006-a a lan angin, he lei verh tumna hna hi 'Category A' of Activity Type 1(b) hnuaiyah a awm a ni. EIA thuchhuah buatsaih a ni a, MoEF vide letter. No. J-11011/305/2014-IA II (I) ni 6th January, 2015 atanga TOR hmuhdan azirin.

Tuna hna rawtna kal mek hi AA-ONN-2001/2, Kolasib leh Mamit District, Mizoram huam chhunga hmun thum a lei verh chungchang a ni a, 2-D leh 3-D lei lam zirna atanga enfiah hnuah heng lei verhna hmun tur atan hian Kolasib leh Mamit District ah te thliar hran ani.

EIA atanga thuchhuak chuan heng lei verh tumna hmun te hi AA-ONN-2001/2 bial ah a ti a, an insutnat zawng leh tihnep zawng pawh a in ang khat a ni.

1.2. Ruahmanna Sawifiahna.

1.2.4 Hmun chinchang.

Mizoram chhunga Kolasib leh Mamit District ah te an nia a, heng lei verh tumna pathum zinga pahnih te hi Kolasib district ah niin, pakhat chu Mamit district ah a ni.

Block hmun san zawng hi 400m atanga 2000m a ni. A hnuaiyah hian lei verh tumna te ruahman dan chinchang tarlan a ni:

| Sr. No. | A Hmun hming | Latitude | Longitude | Khaw hnai ber | District |
|----------------|---------------------|-----------------|------------------|-----------------------------|-----------------|
| 1 | HOAC | 24° 12' 14.24" | 92° 35' 53.32" | A hmun atanga hmar lamah | Kolasib |
| 2 | HOAD | 24° 09' 41.42" | 92° 36' 13.31" | A hmun atanga chhim lamah | Kolasib |
| 3 | BRBAA | 24° 07' 10.08" | 92° 31' 06.77" | Sauhliap atanga chhim lamah | Mamit |

Block huam chhunga Topo map hmelhang **Figure-1** ah siam a ni. He hna thawhna tur hian a huam chi chhunga ram chinchang a hnuaiyah hian tarlan a ni.

- Zirchianna huam chhungah hian Forest hmun pakhat a awm a, Wildlife Sanctuary erawh a awmlo.
- Hnathawh tumna hian Tlawng lui a huam tel.

- Hnathawh tumna hmun te hi National Highway NH-154 leh Bairabi Railway Station te hmangin a kal pawh theih ani.
- Archaeological Survey of India (ASI) ten an chhinchhiah dan atangin hnathawh tumna hmun huam chinah hian hmasang chanchin zirna hmun pawimawh a awmlo;
- A hmun huam chin hi Seismic Zone-V, IS: 1893 (Part-1) 2002-a tarlan ah a awm.

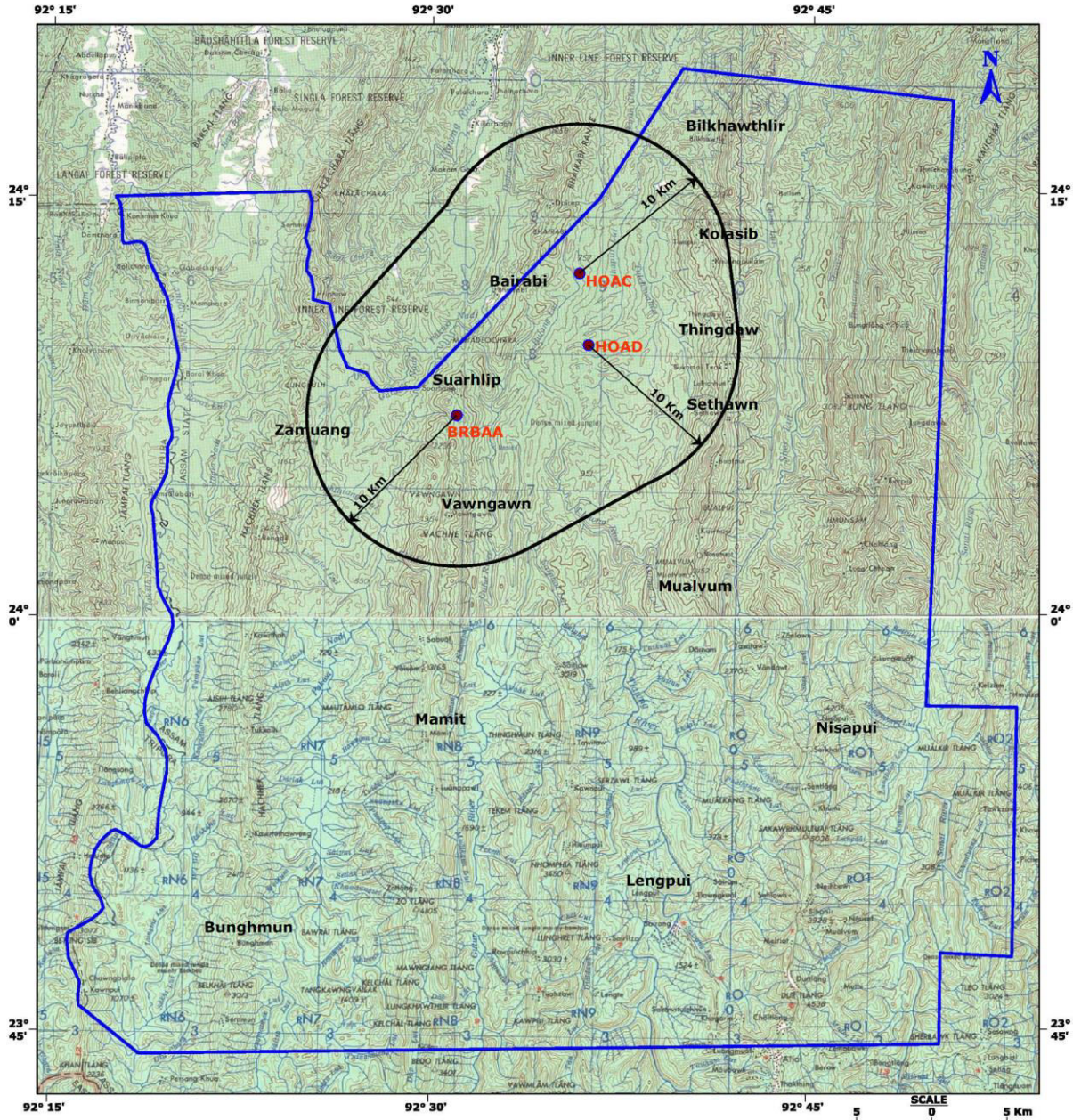
1.1.2 A hna pawimawhna

India hian Oil Reserve kan ngah loh avangin oil tak pechhuak tam ram chu kan ni lo Chiang Hle. Hemi avang hian oil tak hi ram dang atanga kan lakluh ah kan inngat tawp a, churang chuan oil siam chhuah leh hman danah kan in balance lo em em phah ta a ni . India sorkar hian oil leh gas zawn chhuah hna leh siam chhuah hna lamah hian nasa takin hma a la mek zel a, he hmalakna kal mek hian keimahni ram hausakna te hai chhuakin intodelhna kawngah min hruai thei dawn a ni.

Hydrocarbon inphum ru te hai chhuah anih chuan a ram neitute inrenchem dan pawh nasa takin hma a sawntir anga, churang chuan he ram tan ngei pawh hian he hmalak tumna hi thil pawimawh tak a ni.

1.1.3 Lei verh tum dan Chanchin chipchiarin

Heng hnathawh tumna te hi lirnghing tehna survey neih atanga him tura ngaih an nih bakah rin(line) nena a lem ziaik thlapin hydrocarbon inphum ru te laihchhuah ngei rin a ni a, lei verh dan te pawh hi rin dana verh te a ni hlawm thin a, mahse engkim duang fel lawk veka tih thin a ni. A lem ziaik te pawh nei sa thlapa lei verh thin a ni a, he hna hian a tum uluk em em chu heng kan lei verh atang te hian hydrocarbon awm khawm hmuhchhuah a ni. Heng lei verh tumte hi a thuk zawng atan chuan 4400m a thuka laih tum a ni a, chirh chauh paihchhuakin tui hmang chungah verh tum a ni.



Legend
 — AA-ONN-2001/2 NELP Block Boundary
 ● Proposed Well Location

| | |
|--------------------------------------|--------------------------------|
| POPULATED PLACES | BOUNDARIES |
| Over 100,000 | International |
| 25,000 to 100,000 | Primary administrative |
| 10,000 to 25,000 | Landmark feature |
| 5,000 to 10,000 | Mine |
| Less than 5,000 | Horizontal control point |
| RAILROADS | Spot elevation in feet |
| Normal gauge (5'6") | Landplane airport |
| Narrow gauge | Landing area |
| ROADS | Seaplane airport |
| All weather | Seaplane anchorage |
| Hard surface, two or more lanes wide | Unclassified stream |
| Hard surface, one lane wide | Marsh or swamp: Tropical grass |
| Loose or light surface | Woods: brushwood; Plantation |
| Fair or dry weather, loose surface | |
| Cart track | |
| Footpath, trail | |

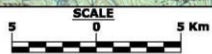


FIGURE-1
TOPO-MAP OF AA-ONN-2001/2 BLOCK

1.1.4 Mamawh hrang hrangte

Sum Hman zat tur relna: He hnathawh nana sum inrelbawlina leh senso atan hian Rs. 200 Crores vel hman rin a ni a, chu chu hmun thum a verhna atan a ni.

Ram Mamawhna: Lei verhna hmun khat atan zel hian a tlem berah ram hi 125 m x 125 m, chu chu 1.56 ha mamawh a ni. A average a lak chuan hmun tin atana ram mamawh chen hi, bungrua te leh camp nan ten nen chuan 1.5-2.0 ha mamawh a ni. 2.5 ha chin hi chu reilote chung chauh hman a ni anga, tualchung emaw sorkar rorelna ang zelin zangnadawmna/lawman pek a ni bawk ang.

Kawlphetha Mamawhna: Lei verhna hmuna kawlpheha mamawh zat hi 2250 KVA a ni dawn a, kawlpheha mamawhna te hi min vilpui turin Diesel Generator (DG) te a ni ang. Heng kan kawlpheha mamawhna te min pui tur hian 750 KVA DG set thum an awm anga, DG set, 750 KVA hi inring renga dah a ni bawk ang.

Tui Mamawhna: Tui hi a hmuna hnathawk te tan leh khawlin lei a verhna tur atan mamawh reng a ni dawn a, ni khat ah 25 m³ vel chu thla li emaw thla nga chung mamawh a ni ang. Amaherawh chu, heng kan tui mamawhna te hi hna kan thawh chak leh chakloh in a hril ang.

Mihring Hnathawktu Mamawhna: A hmunhma vel buatsaih nan hian ram chung mite rawih an ni anga, hmun tinah hian ram chung mi 25 in darker 12 chung an thawk anga, hnathawh hi tum hnihah in thenin, hemite zawhah hian a dangin chutiang bawkin anlo thawk veleh zel ang.

1.2 Ram leh a chhehvel sawifiahna

AA-ONN-2001/2 bial in a huam chinah hian ngun taka chhehvel enkualna neih a ni a, 15th January 2016 atanga 8th April 2016 thleng, khaw vawh deuhlai pawha en a ni.

1.2.1 Ram/Leilung hman dan zirna

AA-ONN-2001/2 bial chungga leilung hman dan hi District Census Hand Books leh satellite thlalak atangte zir a ni a, hmuh dan chuan 4.6 % vel hi chu thlai chin nana hman ani. Lehlamah chuan 80.1 % vel hi hmanloh a ni a, tui hian 10.4 % vel huamin tui hi tuikhuah leh luiah te hmuh a ni.

1.2.2 Lei thatna

Lei hi khaw vawh hun laiin, hmun sawm vel atanga lakkhawm a ni a, lei a pH awm zat hi 7.11 – 8.08 a hmuh a ni a, a pangngai aia al hreta hriat a ni. Electric a man chak zawng chu 118.2 µS/cm atanga 262.0 µS/cm a ni. Organic carbon hi 0.31 % atanga 0.62 % niin, lei hi a thra tawk viau. Potassium hi 86.6 atanga

172.0 kg/ha a ni a, a hlut zawng chu 13.5 atanga 88.6 kg/ha a ni. Nitrogen erawh chu 31.5 – 69.7 kg/ha a ni.

1.2.3 Boruak zirchianna

A hmun ngeiah boruak awm dante hi chiang taka zir a ni a, boruak danglam bik a awm leh awmlah te enfiah a ni. IMD station hnai ber, Agartala nena khaikhin niin, boruak hi hmun dang aia a danglamna a tam lem lo a ni.

1.2.4 Boruak kal kual vel that leh that loh

Boruak kal kual vel that leh that loh zirnaah hian tun kum 2016 a khaw vawh deuh lai leh fur tantir lai velin hmun sawm(10) velah en dik a ni a, hemi hmun sawm zingah hian PM₁₀ leh PM_{2.5} hiamber lai leh san ber lai chu 37.7 atanga 46.0 µg/m³ leh 11.6 atanga 15.8 µg/m³ vel ani. SO₂ leh NO_x inhnawh mukna hi 7.9 atanga 15.0 µg/m³ leh 11.0 to 17.3 µg/m³ vel a ni bawh a ni. Boruak kal kual vel PM_{2.5} ina a chhinchhiah hi mihrnig chenna leh thil siamna hmun bawr vela lak a ni. Hydrocarbons, methane hydrocarbons leh non-methane hydrocarbons inhnawh muk chen hi he zirchian naah hian 197 atanga 273 µg/m³, 117 atanga 150 µg/m³ leh 67 to 125 µg/m³ vela hmuh a ni. VOCs ve thung erawh chu hmun tina zirnaah/enfiahnaah kan chhui phak aia hniam vek a ni. Heng zirchianna atang te hian a hmuna boruak that zawng hi a tha thawkhat a hriat a ni a, National Ambient Air Quality Standards nen pawh a inrem thei a ni.

1.2.5 Tui that zawng

Tui zirchian naah hian lei hnai tui hmun ruk atang leh tui pawnlang hmun li atang te lakkhawm a ni a, kawng/chi hrang hranga endik a nih hnu in heng lei hnai tui leh pawn lam tui te hi a tha thawkhat a, a pangngai tur angin IS: 10500 limit chinah a awm a ni .

1.2.6 Boruak Bengchhen zawng

Khawchhungah te leh hmun fianrial deuh ah te endikna neih a ni a, a vai hian hmun sawm ah endikna neih a ni. Heng endikna neih anih hnuah hian CPCB-in a phal/rem tih chin vek a ni tih sawi ngam a ni.

1.2.7 Nungchate leh an boruak chhehvel

Ngun takin he zirchianna huam chung bika thil nung hrang hrangte leh a chhehvelte zichianna neih a ni a, a bik takin lei chung leh tui chhunga awm chi hrang hrangte enfiah a ni bawh. Heng enfiah a nih hnuah hian a block ina a huam chinah Forest ram humhalh leh National Park a awmlo a ni.

Dampa Tiger Reserve – Wildlife Sanctuary hi BRBAA bial bulah, 59.5 Km /SSW lamah a awm a, Mamit District chhungah hian hmun zau tak a awh a ni. Helai hmunah hian zirchianna kan neih theih chinah chuan thlai, thing, hnim leh ramsa chi hrang hrang a tam hle a ni .

1.2.8 Khawtlang leh ei leh bar chinchang

Mihring tam zawng hi a lan dan hmelhmangah chuan mipa hi 49.86% niin hmeichhia hi 50.14% vel an ni a, hei hi 2011 census chhinchhiah dan a ni. Kan zirchianna huam chhung bikah hian mipa 1000 zelah hmeichhia 1006 awm ang a ni. 2011 census-a a lan dan angin, mihring awm zawng zawng zinga 0.17% hi Scheduled Castes (SC) niin, 91.54% chu Scheduled Tribes(ST) an ni.

Mipa zingah ziaik leh chhiar thiam hi kan zirna huam chin bika chhut hian 50.13% a ni a, vantlang hmasawn nana pawimawh em em hmeichhia ziaik leh chhiar thiam hi 49.87% ani baw a, hei hi 2011 census chhinchhiah dan ani. Zirchianna in a huam chinah hian 41.78% hi hnathawk niin, 58.22% chu hna thawko an ni.

1.3 **Chhehvela thil thleng thei thlirlawkna**

Lei verh avanga thil awm thei leh thleng thei hrang hrangte thlirlawkna leh sawihonate neih a ni a, hmun leh ram a tlem thei ang bera he hmalaknaah hian hman a nih theih dan turte ngaihtuahho a ni baw.

He hnathawh tumna hian thla li atanga thla nga a huam anga, hnathawhna hmun leh hma hi hun reilote chhungin a in siamtha leh thei tura ngaih a ni a, a ram neitu hnena pek let leh a ni baw ang.

1.3.1 Ram humnhma/leilung nghawng dan leh ram hman dan

Lei verh nana hmun hman hi a zau dawn lova, hmun a heh dawloh avangin thlirlawkna atang pawhin ram hmunhma/leilung hmelhmang ti danglam khawp chuan hna hi kalpui anih hmelloh, a huam chin te ah chauh hna hi thawh a ni dawn a ni.

1.3.2 Sik leh Sa nghawng dan

He hnathawhna atang hian sik leh sa/boruak tidanglam thei khawp chuan engmah a thlen a rinawm loh. A chhehvel leh ram tan eng harsatna mah a thlen lovang.

1.3.3 Boruak tha nghawng dan

Hnathawhna hmun te atanga boruak chhuak thei hrang hrang te :

- Lei khu (kawng siam lai leh a hmunhma buaipui laiin);
- DG set ho atanga khu chhuakte;
- Lei verh tur en chhin laia thil hal a ngaih thut chuan;
- Motor khu.

Hnathawhna tur hmunhma then fai nan hian khawl chi hrang hrang, thing leh mau te leh lei thenfai nan te hman tum a ni a, hmun hma siamrem ve a ngaih vang a ni. Amaherawh chu heng thing leh maul eh lei thenfai hna hian lei verhna hmunhma bul hna chauh a huam ang. Ram dang tihchhiat ani loving.

DG set atanga gas chhuak hi ama khawl atang hian a tlem thei ang berin a in control dawn a ni. Oil leh gas chhem chhung hi hun rei a ni lova, ni sawm leh pali

atanga ni sawmhnih pakhat vel chauh a ni. Heng chhemna atan hian khur 25 m x 10 m x 2 m vela thuk hman a ni ang. He khur atanga thil chhuak reng reng hian hmun hring emaw, ram tha emaw, lo emaw, thlai chinna leh huan te reng reng hliau phalo tura siam a ni ang. Mamawh leh remchan dan ang zelin, ram chhehvel te ti chhelo leh tibualo thei ang bera hma lak a ni ang.

1.3.4 Leihnuai tui tha leh tui pawnglang tha te nghawng dan

Hnathawhna hmun tinah hian ni tinin tui chhia 15-20m³ leh tui thli(mihring hman) 4m³ vel hman rin a ni. Lei hnuaia tui awmte hi hun lo kal leh zel tura a bawlhhlawhloh nan leh thil pawng dang a thlen loh nan kan tui hman te pawng a thianghlim thei ang ber hman kan tum. Hei mai bakah hian lei verh atanga chirh lo awmte pawng lei chhungriala a luh loh nan a chhawng hrang hranga khuap a thlit fim a ni anga, lei hnuaia tui awm nen a inpawlh loh nan cement hmanga char in khuap thlap tum bawng a ni. CPCB leh MPCB in duh dan an tuk angin heng tui thlitfim te pawng hi khuap ani ang. Mihring hman tui bawlhhlawh leh thli te pawng hi septic tank ah luanluh tirin soak pit te nena siam thlap ani ang.

1.3.5 Ri/Thawm bengchheng nghawng dan

Ri/Thawm, hnathawhna hmun atanga chhuak hi, a hmun atanga chhutin 100 m a hlaah chuan 52.0 dB (A) a ni ang. CPCB in tlinga a ngaih chin chauh heng hnathawhna hmun atang hian ri/thawm a chhuak dawn a ni. Lei verh hun chung hi hmun tinah ni 120 atanga ni 150 ani dawn a, ri/thawm bengchheng em em khawtlang buaina khawp turin a awm loving. 100 m a hlaah phei chuan ri/thawm hi a nep viau ang.

1.3.6 Nungchate chung a nghawng dan

He hnathawhna hian thil nung reng reng a nghawng dan turah hian hnathawhna hmun atanga a inhnaih dana zir a ni ang. He hnathawhna hian harsatna alo thlen palh anih pawng hin hun reilote chung chauh anih dawn avangin heng a nghawng buai palh awm theite hi chuan hna zawh fel anih hunah ngai an awh leh theih mai rin a ni.

1.3.7 Mihring tamzat leh khawtlang inrenchem dan

Mihring tam dan atanga chhut chuan inbiakpawhnate leh inkalpawhnate hi a tha thawkhat viau a hmuh a ni a, amaherawh chu he hnathawh tumna avang hian inkalpawh theihna tam tak siam belh ani dawn a, kawng tha chi siam ani dawn bawng a, heng inkalpawhna siam thar atang te hian tun hmaa la tlawhpawh theihloh hmun fianrial deuh te pawng kaltlang theih anih phah nual dawn a ni. Hei hi a ram mi te tan pawng hlawkna tam tak thlen theitu anih zel rin a ni a, a nawlpui a lakin he hnathawhna hian thil tha tam tak a thlen dawn a ni.

Hriselna lamah chuan he hnathawhna hmun atanga khu chhuak leh ri/thawm chhuak te hian harsatna a siam lovang. Hei mai bakah hian hnathawktu zawng zawngten hriselna lama harsatna an tawh loh nan mahni invenhimna turin beng hnawhna te pek anni dawn bawng a ni.

He hnathawhna hmun hrang hrang leh enkualna ah te hian thlawhhma atana tlak leilung te leh leilet te khawih telloh hram kan tum. Zangnadawmna intiam dan ang leh hawihhawmna telin a tlem thei ang bera ram leh leilung hi hman tum a ni.

1.4 Chhehvel enkawl dan ruahmanna

1.4.1 Bungrua leh hmanrua dahsawn/lakchhuah

Lei verh hna zawh anih hnuah hian khur hi a chhinna a chhin thlap a ni anga, bungrua leh hmanrua dang zawng zawngte erawh chu a hmun atang hian lak sawn/suan chhuah an ni ang. Hmunhna hi a pangngai thei ang bera chhuahsan tum a ni.

Bungraw ruak te, bawlhhlawh te, lei verh nana hman thil tuiril chi te, thil halna leh thil hnawih chi te lak chhuah vek a ni anga, tui lakluhna te leh thil paihchhuahna hmanrua te pawh lak chhuah vek a ni ang. Inkalpawhna te pawh hmun ngai awhtir leh a ni ang.

1.4.2 Chhuahsan hnuah mawhphurhna sut thu.

Heng hnathawhnaah te hian tum anga hydrocarbons hmuhchhuah anih loh chuan, a hnathawhna hmun pumpui hi Indian Petroleum dan angin chhuahsan a ni ang. Lei verhna khur hi chhin fel a ni anga, a ram hmun pawh a neitu hnenah a ngaia pek let leh thlap a ni ang.

1.4.3 Boruak pekchhuah chungchang

Lei verhnan leh a hmun enkawlna a kawlphehtha mamawh hi diesel hmanga pekchhuah anih dawn avangin SO₂, NO_x, CO, hydrocarbons leh a kaihnawih dangte a awm anga, tin, enchhin nana thil hal hi ni sawmleh pali atanga ni sawhnih pakhat chung a ni bawk ang.

Hnathawhna hmunah hian heng thil halna leh khu chhuak te hi hnathawkte tih bakah chuan a endikna hmanrua a awm hran dawnlo a, hlauhawm emaw pawh tham a ni lo ang. Kawlphehtha mamawh chin tha taka neih anih theih nan hmalakna tur tha tak duan lawk a ni a, tha taka kawlphehtha hi neih theih anih chuan 'sulphur diesel oil' pawh a chhuah tlem phah em em dawn a ni. Lei verh leh enchhinna neih chung hian boruak chhehvel te pawh endik/enfiah reng tum a ni. Thil to na hmun lam hawiin engmah hal/chhem a ni loving a, a tul anih pawhin daidanna tha tak siam ani ang; tin, hal/chhem anih hma hian hmanrua te endik phawt zel a ni ang.

1.4.4 Ri/Thawm chungchang

Lemziak atang te a chhut danin ri/thawm bengchheng hi a huam theih chinah chuan a hniam thei ang bera dah a ni dawn a, generators te pawh tha taka kuhin a khu chhuahnaah pawh a rik zawihna vuah zel a ni ang.

1.4.5 Lei verh hnawkna enkawl dan

Lei verh atanga ningnawi awm tam ber chu lung them te leh chirh ani tlangpui a, hmun khat a verhna ah 250 - 300 m³ vel te leh a tuiril ningnawi bikah 15 m³ vel hi paihchhuah a ngai tlangpui a ni.

ONGC hian Water Based Muds (WBM) verhna ah hian ram dang tam tak te tih dan zulzui a tih ve a remti a, chirh laih chhuah te pawh hman tangkai leh theih a siam ani ang. Chirh chawhkual na tur bawm siam ani anga, he bawm atanga chemical lo luang chhuak te hi thliar hran zel a ni dawn a ni.

Oil rawn chhuak awm te hi chirh siam lehnaah hian hman leh zel theih a ni dawn a ni. Lei verhna atana hman tawh sa tuiril te pawh hman nawn zel theih a ni anga, hman tlakloh anih veleh dan anga paih thlap a ni ang.

1.4.6 Thil ningnawi/bawlhhlawh khal chi enkawl dan

Lei verhna ah hian a pangngai ang chuan thil ningnawi/bawlhhlawh khal chi lam hi a tlem thin. Heng ningnawi te hi vantlang leh national dan zam anga paihfel ani ang. Oil hman tawh hnu te erawh chu MoEF/ MPCB-ten an approve thlap 'waste oil recyclers' ah him taka dahthat a ni ang. Lung them te leh chirh hnawk te hi khurah paih thlap a ni anga, lei a vur in chhilh a ni bawh ang. Choka leh canteen vel atanga ningnawi/bawlhhlawh te hi tawihral tir a ni anga, heta 'bio-manure' hi 'green belt development' atana hman a ni ang.

1.4.7 Hnathawhna huam chhuanga ningnawi/bawlhhlawh enkawl dan chungchang

He hnathawhna hian tan a khawh nasat na pakhat chu ningnawi/bawlhhlawh paih fimkhur hi a ni a, chirh te leh tui paih tur te hi khur laih, size hrang hranga siamah paih thlap a ni anga, tichuan he hnathawh theihna huam chhungah hian heng paihfelna hmun te hi thlawhmmaa neih tlaka siam leh thlap tum a ni.

1.5 **Chhehvel en thithlaina**

Hmun hmelhmang ti danglam thei tur awm - boruak, tui, lei, ram hman dan, ri/thawm leh a dangte telin - heng hrang hrangte hi en thlithlai reng a ni ang. Hnathawhna hmun huam chinah pawh hian kalkual/fankual theihna tur siam a ni ang. Thil en thlithlai dan te hi dan in min phalsak ang leh phalsak chin zel leh intiamna ang zela kalpui a ni ang. Kan hmanrua te (kawlpheha, chemical te, tui, raw materials), bungrua te leh ningnawi/bawlhhlawh inenkawl na pawh tha taka din a ni ang. Hnathawhna hmuna bawlhhlawte leh hnawmhawk te enkawl dan chungchangah pawh dan tha tak duan lawk a ni anga, tha taka en thlithlai a ni bawh ang.

1.6 **Chhiat tawh emaw Vanduaina tawh chungchanga inenkawl dan ruahmanna**

Lei verh lai emaw hnathawh laia oil emaw gas hlauhthawn awm lo chhuak thut thei lakah in venhim dan te leh lo in ven lawk dan te mai bakah heng chhiatna emaw vanduaina lo thleng thut thei laka in venhimna tha tak ruahman lawk a ni ang. MCA edikna te leh engineer te lampang rorelna hlawm khawmin kan kalphungte leh him taka hnathawh theih dan te tha taka siamtha in, chhiatna

emaw vanduinan lian tham lakah pawh a him thei ang ber leh chhianatna thleng tlem thei ang ber tura in duan lawk a ni.

Disaster Management Plan (DMP) tha tak pawh chhianatna thleng tlem thei ang ber tura ruahman lawk thlap a ni. He ruahman hian mawhphurhna leh emergency a bungrua mamawh turte thlir lawkin a duang lawk thlap. Hnathawktu zawng zawngte hnenah an mawhphurhna hre chiang turin inzirna pek an ni anga, in kalpawhna leh inbiakpawhna te pawh khaih lak lo turin tha taka vawn a ni ang.

1.7 Hna ruahman hlawkpuina/hamthatna

He hnathawhna hian a block chungah hian hydrocarbons a din nghet anga, oil hmun hian nasa takin hna thawhna/inhlawhfakna siam lamah hma a sawn tir hle ang. Industries leh sumdawanna remchang tha tak a siam phah anga, he hnathawhna avang hian industries te leh lian te pawh dinna hmun leh hun tha tak a awm phah thei dawn a ni.

He hnathawh tumna hian a ram pum huapin ram dang atanga kan oil lakluh te pawh a ti tlahniam thei anga, tin, kan ram chungah kan oil siam chhuah leh kan hman dan in rualkhai lo lutuk hi a ti nep sawt dawn a ni.

Sumdawanna lamah hmasawanna tam tak a thlen anga, Assam tan pawh pawisa peipunna a siam dawn a ni. Heti lai hmuna ONGC awm hrim hrim hian vantlang inrenchemna pawh hma a sawn tir em em dawn a ni.

He hnathawh tumna hian a ramchung mite tan hna a inrawihna tha tak a siam dawn a, mi 25 thiamna nei tha te tan thawhna a awm dawn a ni. He hna hi hna lian tham tak angin lang lo mahse, a chhehvel a cheng te tan hna pawimawh leh awmze nei taka thawhna tha tak a siamsak ngei dawn a ni.

1.8 Rorelna hmelhmang

He hnathawh tumna hian a inngahchhan pakhat chu - oil leh gas buaipui hun chung hian dan leh phalna a hmuh ang thlap zelin, Production Sharing Contract (PSC) lamah te, intiamkamna chinah te, in duan lawk danah te, in khaihhruai danah te leh rorelna bawhzui danahte in vawn dik thlap a ni. Hemi avang hian heng hnathawhna hmun te hi tha taka enkawl turin mi tling leh tawnhriat nei nei chauh chhawr an ni ang. Thil tih dan tur leh hna ruahman reng reng chu hnathawh hmain enfiah phawt zel a ni ang. Hnathawh reng reng te hi mi tling leh tawnhriat nei nei tha an ni ang.

HSE Dept. chuan he hnathawhna kalpui a nih chung zawng hian a tul apiangah chhehvel ngaihtuah feltu tur atan mawhphurhna a chang a ni.

1.9 Tawpna/Thu keuh thlukna

He hnathawh tumna hian hnathawhna hmun leh chhehvel chu tlem a zawng chuan a nghawng ve deuh anga, amaherawh chu hlawkpuina/hamthatna tam tak a siam tel dawn bawh a ni, chu chu inhlawhfakna a pek hi a ni a, hei bakah hian CSR tih thin dan anga ONGC ten kan zawm tum inhlawhfakna siam belh te hi a ni.

Chhehvel nena inrem zel chung a hmasawn leh than len zel hi ONGC lo kal tawh thin dan a ni.

EIA thutawpna/thu keuh tlukna te chu:

- He hnathawh tumna hian chhehvel dan zawng zawngte nen inrem thlap a awm;
- Chhehvel a him thei ang bera enkawl dan, dan tha thei ang ber hmang chung a hnathawh;
- Mipuite nena inkungkaihna tha a hlawkpui khawp anga; a chhan chu inhlawhfakna tha tak a siamsak dawn vang ani;
- Hun kal tawha ONGC-in hma alo lak tawhna te leh a hmalak zelna turah hian nasa takin a ram pum huapin ram dang atanga oil tak kan lakluhna phurrit hi min chhawk zangkhai thei dawn a ni;
- Environment Management Plan (EMP) nena thawhhona atanga ruahmanna te, inbuatsaihna te leh induanlawkna tha tak atangte hian he hmalakna hi kan chhehvel ti hmelhem lo hian tluang takin a kal zel thei dawn a ni.