

# **Public Hearing Report**

**LINE 2**

**PLANT EXPANSION PROJECT**

**17 January 2019**

Held in DKNS Maestro's Restobar and Resort,  
Kalubihan 1, North Poblacion, San Fernando, Cebu

**Taiheiyo Cement Philippines, Inc.**



# Documentation of Public Hearing Proceedings Taiheiyo Cement Philippines, Inc. Application for Cement Plant Expansion

## Contents

I.	Location and Time .....	1
II.	Preparation .....	1
III.	Purpose of the Public Hearing .....	1
IV.	Summary of Concerns Raised During the Public Hearing .....	1

## List of Tables

Table 1. Summary of Issues/Comments/Suggestions Raised during Public Hearing .....	2
--	---

## List of Annexes

ANNEX 1	Notice of Publication and Web-Published Project Executive Summary
ANNEX 2	Publication of Notice of Public Hearing in Newspaper of National Circulation
ANNEX 3	Receiving Copies of Invitation Letters to Project Stakeholders
ANNEX 4	Attendance Sheets
ANNEX 5	Public Hearing Program
ANNEX 6	Activity Photos
ANNEX 7	Locator Matrix for Information in EPRMP Providing Clarification / Addressing Environmental Concerns Raised During the Public Hearing
ANNEX 8	TCPI-SEDC Agreements on Accountability and Management of Issues Raised in the Public Hearing
ANNEX 9	TCPI Environmental Performance Report and Management Plan for Plant Expansion Project

# Documentation of Public Hearing Proceedings Taiheiyo Cement Philippines, Inc. Application for Cement Plant Expansion

## I. Location and Time

The Public Hearing for the proposed Cement Plant Expansion Project of Taiheiyo Cement Philippines, Inc. (TCPI) was conducted on **January 17, 2019 from 9 am to 2 pm** at the DKNS Maestro's Restobar and Resort, Kalubihan 1, North Poblacion, San Fernando, Cebu.

## II. Preparation

Prior to the conduct of Public Hearing, the announcement was disseminated through invitation letters and mobile phone text messages to encourage the participation of various stakeholder groups. The Notice of Public Hearing was published in the newspaper, *The Manila Bulletin*, on January 2 and January 9, 2019, and was posted at the EMB Website, [www.eia.emb.gov.ph](http://www.eia.emb.gov.ph), on December 11, 2018. Electronic copies of the EIS Summary for the Public (ESP) were also posted in the EMB website (**Annex 1**). The hard copy of the Project Environmental Performance Report and Management Plan was made available for public use at the Office of the Municipal Planning and Development Officer seven (7) days ahead of the Public Hearing. The copy of publication of the Notice of Public Hearing in a newspaper of national distribution and Affidavit of Publication are in **Annex 2**. The receiving copies of the Invitation Letters to Project Stakeholders can be seen in **Annex 3**.

## III. Purpose of the Public Hearing

The main objective of the Public Hearing was to review the EPRMP of the aforementioned project by the Environmental Management Bureau (EMB) of the Department of Environment and Natural Resources (DENR).

## IV. Summary of Concerns Raised During the Public Hearing

The Public Hearing for TCPI started at 9:00am and was held in DKNS Maestro's Restobar and Resort, Kalubihan 1, North Poblacion, San Fernando, Cebu and ended at 2:00pm. It was facilitated by Vanessa Bongcawil, TCPI Section Head for Community Relations.

The agenda for the Public Hearing started with an invocation followed by singing of the national anthem. The welcome remarks were given by the late Panadtaran Brgy, Chairman Ricardo Reluya. The Chief of EMB 7 Legal Division, Atty. Unalee R Monares served as the Hearing Officer. He gave the Ground Rules on raising and the discussion of issues during the Public Hearing. The Project Description and results of the EIA Study was discussed by Dwight Avila, Pollution Control Officer of TCPI. The result of the project environmental impact assessment was given by Teodora H. Salvador. A three-hour open forum was allotted to the participants to raise their issues, concerns and inputs to the EPRMP. The Public Hearing formally started at 9:20am and ended at 1:25pm.

A total of 110 participants attended the Public Hearing, the Attendance Sheet is presented in **Annex 4** while a copy of the Public Hearing Program can be seen in **Annex 5**.

The copy of TCPI-SEDC Agreements on Accountability for Management of Issues Raised in the Philippines can be found in **Annex 8**. The TCPI Environmental Performance Report and Management Plan (EPRMP) Annex 9, provided as a separate volume for easier handling of the document.

**Table 1. Summary of Issues/Comments/Suggestions Raised during Public Hearing**

Q#	Cebuano		English	
	Question	Answer	Question	Answer
1 Hon. Councilor Pat Esbra	Ang kasaba, sa gidaghanon nga na-produce nga bag of cement, ang kaabog, ug ang gidaghanon sa mga barko nga nakaparesgo sa mga lumolupyo sa South Poblacion.	Romeo Gebilaguin – ang abog ug ang kasaba maoy usa sa mga gipaninguha sa TCPI nga ma-solve kay ang mga makinarya karon mga karaan na. Mao na nga naa tay mga mitigating measures sa abog. Karon gihinayhinayan nato ang planta og improve. Primero Makita ninyo ang smoke stack namo abog kaayo, kay among ginagamit sauna ang Electrostatic Precipitator, unya ang kaning atong power fluctuation, kahibaw nata dri sa Central Visayas ang atong power mosaka or moubos, mao nang ma-epektohan ang amoang efficiency sa electrostatic precipitator. That is why on the year 2017, TCPI upgraded the EP to baghouse filter. Aron transparent ang operations, ni-comply ang TCPI sa Clean Air Act. Our operation is transparent, whenever there are lapses/violation to the Clean Air Act, makita kana sa EMB office.  Ang kanang mga kasaba sa mga makinarya, naa tay gitawag og sound proofing. Ang internal monitoring, kay naa mantay gitawag og noise level standard, naa sa buntag, gabie, midnight og kadlawon.  Engr. Rolando Buhisan – ang kanang barko, dili na sa TCPI tanan. Nidaghan na karon, tungod kay kuwang ang among cemento nga i-supply.	With the increase in cement production, how will you address additional noise, dust and ships which might also increase potential risks for the residents of Brgy. South Poblacion?	Romeo Gebilaguin – TCPI is focusing on the rising concerns in noise and dust considering some of its machineries are old and outdated. Such are the reasons we have mitigating measures for dust emissions. The plant is improving now. At first, you may have had noticed the dusty smoke stack since we used Electrostatic Precipitator (EP) before. Our power fluctuation especially here in the Visayas is unpredictably high or low, and that largely affected the efficiency of our EP. Because of that, in 2017, the management decided to upgrade the EP into a baghouse filter.  Further, for transparent operations, TCPI complies with the Clean Air Act. Any other lapses or violation can be viewed in the EMB Office. As to the noise produced by our machineries, we have the so-called ‘sound proofing.’ We have [TCPI] Internal Monitoring [team] scheduled for every morning, evening, midnight and dawn to check noise level standard.
2	In relation, sa mga barko dha nga nag-estambay, ang ilang waste asa mana	Barry Abellana (SEDC) – regarding sa waste management sa mga barko, gidili-an na nato	In relation to the docked ships, where do their waste go, especially the oil?	Barry Abellana (SEDC) – As to the waste management of those ships, we have already

Q#	Cebuano		English	
	Question	Answer	Question	Answer
Hon. Councilor Jojo Villasan	punta labi na ang oil. Plus ang among bantay dagat ni-report about sa beaching sa usa sa mga barko. Unsa may gihimo sa TCPI regarding ana nga problema?	sila pag discharge sa ilahang mga solid waste ug oil, kay wala pa man tay reception facilities para nila. Ang gihimo usa ana nila, adto sila mo-dispose sa ilang mga waste sa laing port destination nila kay naa didto ang mo.collect sa ilang mga waste nga lain sad nga contractor.	Plus, our 'bantay dagat' reported about a beaching by one of the ships. What is TCPI doing about that?	prohibited them to discharge their solid waste and oil because we don't have enough facilities for it. What they do is dispose their waste to another port destination where there are waste collectors from other contractors.
3 SK Chairperson sa Tonggo	About sa quarry, naay nakita nga liki sa bungtod sa Tonggo, sa expansion nga mahitabo dako ang chance mas mo grabe ang liki. Ang question, unsay aksyon nato about ana?	Samuel Tagsip (SEDC) – ang information murag dili mao. Kay right after sa incident sa Naga, the following day, ang team nga nianhi katong sa MGB geologist, PENRO, MDRRMO sa municipyo. Amo jud gipa-inspect ang quarry padung didto na sa Bugho, ang resulta kay safe and sound ang atong operation, walay gamay ng problema, walay gamay ng liki, walay gamay ng timailhan nga dunay lusno/subsidence walay gi-ingon nga earth movement. Didto jud sa municipal conference gi-held ang pag-release sa result. Dun ay liki yes, pero dili sa quarry, (natural movement), pero layo ra sa quarry.  Hon. Brgy. Captain Reluya added – ako ang team leader sa monitoring evaluation team right after sa nahitabo sa Naga. Usa mi sa nag-conduct sa ocular inspection sa site sa quarry. Kay usa to sa among basis ug naabot pud sa disasters office ang report nga naay buak, so gipa-adto nato sa disaster personnel, gikuaan nato ug picture and then ni-conduct pud mi ug kaugalingong evaluation. That time, dili lang kami haa pud ang sa religious sector, principal	As to the quarry, a crack has been found in Tonggo – with the proposed expansion, there is a bigger chance that the crack would get much bigger. The question is, what can you do about that?	Samuel Tagsip (SEDC) – The information might be wrong. Right after the incident at City of Naga, the following day, the team who came here were MGB Geologists, PENRO, Local MDRRMO. We really requested them to inspect the quarry in Brgy. Bugho. The result was that the area was safe and sound. Our operations – there are no problems, there are no small cracks, not even any sign of subsidence on earth movement. The evaluation was held in the municipal conference. There was a crack found, yes, but it was not in the quarry and it also was [a natural movement], still far from the quarry.  Hon. Brgy. Capt. Reluya Jr. added – I was the team leader of the monitoring evaluation team. We were one of those who conducted the ocular inspection on the quarry sites. Because our office received the same reports, we sent our disaster personnel to take a picture and we also had a follow-up evaluation. By that time, it was not just us [disaster team] but with personnel from religious sector, principal of Tinubdan [elementary] who was the concerned, BFP, PNP, and RHU. Right after the

Q#	Cebuano		English	
	Question	Answer	Question	Answer
		<p>sa tinubdan nga maoy gyuy concern, BFP, PNP, RHU. Right after sa inspection, gipanggayoan nato ug evaluation every single member sa team ug unsa ilang observation/recommendation then among gi-consolidate, pag-consolidate namo ni-conduct mig meeting with TCPI, Mr. Alburo (MGB) ug si Mr.Hiroyuki. Kana nga concern about sa landslide, medyo na-address nana, unya na-explain nana nato sa taga MGB, ug unsa among gi-recommend nga immediate nga long term ug short term recommendation base sa assessment sa monitoring team. Next week mo-conduct napud ang monitoring team ug unsa nay nahitabo atong first inspection namo ug karon ug unsa puy pwede namo Makita nga ma-irecommend. Rest assured ang concern lang atong time-makatong mga balay ug skwelahan ubos sa quarry nga murag tower. Mao to nga gi-explain ni Mr. Barakki nga ang benching nila sa pagkawot is gradual. Amo ning dad-on ang report ug among ipasabot sa mga tawo sa Tinubdan, nga dili Ing kaayo ta mo-worry but dili Ing pud ta mo-kompyansa.</p>		<p>inspection, we asked every single member of each team about their observation/recommendation, then we consolidated. In the consolidation [process], we requested a meeting with TCPI, Mr. Alburo of MGB, and Mr. Hiroyuki of SEDC. That concern [about a possible landslide] is perhaps already addressed as we already explained to the MGB [about the situation] as well as [gave] our immediate long- and short-term recommendations based on the assessment of our monitoring team. Next week, the monitoring team will again conduct another inspection to see what progress we have made in our first inspection and what more can we suggest/recommend. Rest assured, the only concern at that time were the houses and school situated under the quarry that formed like a tower. That was what Mr. Baraki explained - that their benching on mining is gradual. We will bring this report and explain further to the residents of [Brgy.] Tinubdan so that we will no longer worry but still remain cautious.</p>
4 Pedencio Carreon, DENR Penro	Naa lang koy i-dugang hangyo sa local government units. Kasi you've been receiving about 3 billion income a year, siguro you will hire expert mining engineer, in your own, do not just relay on DENR. Because ang DENR malayo,	Hon. Brgy Captain Reluya answered – I should clarify sir ha, the 3 billion? If that so Sir, pwerte nang datao sa San Fernando.	I have a further request to the local government units. Since you are annually earning 3 billion a year, perhaps you should hire additional experts in mining engineering. Do not just rely on DENR. Because DENR is	Hon. Brgy. Captain Reluya answered – I should then clarify sir, the 3 billion? If that [is] so Sir, San Fernando should have been financially rich.

Q#	Cebuano		English	
	Question	Answer	Question	Answer
	dapat everyday nag-monitor kayo sa mga barangay na apektado. Dapat yung environmental office, the SENRO/MENRO or this municipality should strengthen.		far from your place, you should monitor the affected barangays. The SENRO/MENRO or the municipality itself should strengthen [the efforts].	
5 Hon. Brgy Captain Aldepulla, Brgy North Pob	<p>1. Unsang gilawma ang inyohang deep well?</p> <p>Angelo Teopiz (SEDC) – kabahin sa gilawmon sa deep well, 30 meters ang gilawmon nya. So Far, sa condition sa ECC nga dunay monitoring ang iyang static water level. Ang sa TCPI ug SEDC ang monitoring namo kay monthly para masiguro nato kung duna bay pagsaka ug pag-ubos sa atoang tubig sa deep well. And then so far, base sa atoang monitoring ana nya, walay mga depletion ug dakong kausaban sa iyang static water level. Sa karon, ang kaning gibuhat sa TCPI, kaning, water cooling pan, nga tanang water nga moagi sa iyahang equipment, mobalik na didto sa dako nga pool, nga murag swimming pool kada-a. So, kana nga project makahatag ghapon na ug maaung resulta sa atong static water level. Meaning ang iyang extraction rate, dili kanunay nga modagan ang iyang motor.</p> <p>2. Karon, naay project nato ron ni Governor Davide nga ang mga mountain barangays kay concreted na, ang kanang mag-</p>	<p>1. Dwight Avila – sa TCPI nag-monitor mig static level, nag-monitor sad mi nga dili sya moubos sa iyang static level</p> <p>2. Samuel Tagsip (SEDC) – about anang karsada, ug mahinumdom mo sa mga local government officials, ang DENR, ug ang LGU nga naghimo</p>	<p>1. How deep is your (deep) well?</p> <p>Angelo Teopiz (SEDC) – Regarding the depth of our deep well, it runs 30 meters down. So far, as to the condition of the ECC to monitor its static water level, TCPI and SEDC conduct a monthly monitoring to ensure if there are irregularities in the waters of the deep well. Consequently, based on our monitoring, there is no sign of depletion or any major change in its static water level. As of now, TCPI has this water cooling pan which lets passing water on its equipment return back to a huge pool, like that of a regular pool. And, that project still provides good results on the static water level. That means, the extraction rate will not always run on its motor.</p> <p>2. Samuel Tagsip (SEDC) – about the roads, if you can remember, the local government and DENR made a comprehensive tax measures and they included the capacity of dump trucks travelling both</p>	

Q#	Cebuano		English	
	Question	Answer	Question	Answer
	<p>haul especially rainy days, mobug-at jud na sya. Ug pananglitan maguba ang karsada sa mga mountain barangays, mo-shoulder ba ang TCPI sa pag-repair?</p> <p>3. After 2050, ang TCPI mo-comply ba aning dili na sa pag-gamit og coal?</p>	<p>ug comprehensive tax measures, gi-include ni nya ang ang capacity sa mga trucks nga mo-travel aning provincial roads ug barangay roads. Dinihi nahitabo ang limit sa mga dumptrucks nga mo.travel aning provincial road, gi-limitan ta ug 20 metric ton. Ang SEDC naay pama-agip nga mag-repair sa mga karsada kutob sa atong mahimo inkasong naay guba bisan ug dili semento, ato jud nang sige ug back fill ug gi-grader.</p> <p>3. Romeo Gebilaguin – ang katong traffic, makitan nato nga traffic, usa ana ang atong road widening sa DPWH, ang kanang among hauling nga niagi sa national road, ug ang ika.tulo kitang mga Pilipino usahay walay self-discipline. Pero kanang tanan masulbad na nato kay naay tay gitawag ug JBS. Ang Jetty, Belt conveying ug Silo project, meaning to say, ug unsay mga product or materials nga molabang sa national road, nga gigamitan ug mga haulers ato nang i-airial conveying. Ang atong ma-eliminate ana kanang atong mga haulers nga gkan sa pier padulong sulod sa planta. Ang usa sad nga ang atong mga karsada ni.extend pero wala nila gi-consider ang mga bridges.</p> <p>Kap. Nonoy Reluya added – naa lang koy i-suggest, kanang mag-cross, I hope nga ma-consider ninyo, kay naana naman tay mga</p>	<p>who haul especially on rainy days will probably weigh heavier. If the roads in the mountain barangays crack or get destroyed, will TCPI shoulder the expenses to repair it?</p> <p>3. After 2050, will TCPI still comply in not using coal?</p>	<p>the provincial and barangay roads. Because of that, travelling dump trucks are limited to 20 metric tons only. SEDC has a way to repair damaged roads. In case roads are destroyed, we always do back filling and provide a grader.</p> <p>3. Romeo Gebilaguin – as for the traffic we observe, first reason is DPWH's road widening, second is TCPI's hauling trucks traversing the national road, but third is we, Filipinos, lack self-discipline. But everything will be solved because there's going to be what we call as JBS [project]. The Jetty, Belt Conveying and Silo Project will transport products and materials will are supposedly carried by dump trucks passing national roads but will be aerially conveyed instead. We will soon eliminate our haulers coming from the pier going to our plant. Also. Our roads are extended but not including bridges.</p> <p>Kap. Nonoy Reluya added – I also have something to suggest. Regarding crossroads, I hope you can consider, because we have already an agreement before that passing</p>

Q#	Cebuano		English	
	Question	Answer	Question	Answer
		<p>previous agreement ana nga schedule nga motabok usa and then 2 minutes usa. Naa mantay gi-suggest ana nga ug dili lng immediate labi na ang hauling, but we consider nga ga-pas pud mo sa oras sa loading labi na sa product sa cemento asta na ang raw materials. I hope nga ato ng i-comply, kay nagsabot naman ta nga, let's say nga 5,6 sabay tawid para ma-minimize nato. Ang problema lng jud kay ang kaning inyong mga guards mga gahi ug ulo, maki-away pa sa atong mga enforcer. Yes tiniuod usa sa factor sa atong traffic ang atoang batasan nga mga Pilipino kita nata nga traffic mosugat pa jud. Unlike sa Japan, naay ten wheelers mag-guyod ug trailer nga 40 footer ang dagan kanang murag hapit na mag-dikit pero dili jud mag-traffic ngano man, ug ingon gani nga 60km/hour mosunod jud na, ug moiniong gani nga no overtaking, no overtaking jud na. Mao na nga ang flow sa sakyanan bisag hinay, pero kanunay way traffic. Mao nang sa atoa, gadali tang tanan, napay mga bus owner, kitay mudmud diri TCPI ug LGU kay way gibuhat, pero unsay gibuhat sa ilang mga drivers, maoy mo-overtake regardless ug kinsay banggaan ug di ka molikay. Ang disciplina unta mag-start sa atoa, nag sige tag complain sa laing tawo unya sa atong kaugalingon wa ta kahibaw nga violators pud diay ta. So, kato lng akong hangyo sir kung</p>		<p>transportations will have a schedule – which each sides will be given 2 minutes to pass. We already suggested that if it is not immediate, especially the hauling trucks; However, we also consider that you are in haste as to the loading of your cement products and materials. I hope you will comply because we have already agreed that say 5-6 trucks will cross so that we can minimize [the congestion of traffic]. The only problem is your guards who are hardheaded, they even fight with our [traffic] enforcers. Yes, it's true that one of the factors of our [congested] traffic is our attitude that as Filipinos even if we see how slow the traffic is, we still push our way through. Unlike in Japan, there is a 10-wheeler truck bringing a trailer in 40 footer speed that would almost get closer with each other yet the traffic still flows, why? Because if the rule is no overtaking, no one will overtake. Thus, the influx of the traffic, even slow, is still flowing smoothly. Here in the Philippines, we always rush, particularly the drivers of the mini owners, who always blame TCPI and LGU for doing nothing, yet their own drivers are those who overtake regardless of who might get bumped. Discipline should start within us. We always complain about other violators but we seem to not notice we are a violator as well. My only request is that whatever we agreed in our series of meetings on the traffic by controlling the products, either raw or finished materials, that will be transported crossing the</p>

Q#	Cebuano		English	
	Question	Answer	Question	Answer
	<p>4. Kung mo-operate na ang Line 2, mag-operate pa ba ba ghamon ang Line 1?</p>	<p>unsa to atong nasabotan sa atong series of meeting sa traffic sa pag.control sa crossing sa products, raw materials man ug finish, kato to ato tong sundon labi na ug crucial kay naa tay gihatag ug oras (6:30-8:00 am going city, 4:00-7:00pm going carcar) nga busy, kato lang.</p> <p>Romeo Gebilaguin – In my own point of view, siguro dili pa kaayo ta develop, we depend solely on coal, mao na ilang gi-ingon nga black gold ang coal. Pero, siguro if there will be a time that there is an environmental regulation that coal will be abolished or coal will not be used as a fuel, then TCPI should comply, because that is a legal requirement. So, sa part sa Taiheiyo, walay problema. Mao bitaw ng gi-ingon namo nga we comply with the statutory, regulatory compliance whether imposed with the municipality, the province and the national government.</p> <p>4. Josephus Alguno – ang atong gi-apply is an expansion, so automatic jud nga kung mo-operate naana siya, ang duha jud ang mag-dagan ang Line 1 ug Line 2. Usa na sa maka-sulbad sa atong problema unya sa kaning atong mga barko, kay ang uban ani nganong nadaghan kay usahay dili ta ka-supply ug cemento. So, through ana modagan ng duha magamay naalng ang mag-abot, usahay mawala na jud na sila kay naa man permanente</p>	<p>4. If Line 2 will operate, will Line 1 still operate too?</p>	<p>streets, will be followed. We have a crucial schedule and time (6:30 – 8:00 going to the city and 4:00-7:00 going to Carcar) when people are busy.</p> <p>Romeo Gebilaguin – In my own point of view, we still cannot develop, we solely depend on coal. However, it there would be a time that an environmental regulation mandating to abolish coal or prohibit its use as fuel, then TCPI will comply because that is a legal requirement. So, in the part of Taiheiyo, there is no problem. That is why we say we always comply with the statutory, regulatory compliance whether imposed by the municipality, the province and the national government.</p> <p>4. Josephus Alguno – We are applying for an expansion; thus, on its operation both Lines (1 and 2) will automatically be run. It will probably solve our problems with our sometimes increased number of docked ships as we sometimes fall short to supplying cement products. With the two Lines operating, we will have to anticipate short queues of ship or even no queue at all for having to supply them with the cement products they require from us. Secondly, if the two Lines will operate, the water consumption will</p>

Q#	Cebuano		English	
	Question	Answer	Question	Answer
	<p>ang cemento nga ilang gi-require. ang ikaduha sad ani, once nga mo-operate na ang duha, modako ang consumption sa tubig kay ang atong mga ekwepo mag-kinahanglan jud na sila ug cooling water, gipangandaman nasad na namo, naa mi gihimo nga water reservoir kay ang amo gyung target as much as possible wala gyuy cooling water nga among ilabay sa dagat, among i-recover, mao na among punto dha nga at least dili nato ma-labay para ang atong deep well ang static water level ma. Maintain nato, ug aron dili ta makaapektar sa atong mga barangayan.</p> <p>5. Allowed ba ang one thousand (1,000) bags of cement nga ikarga sa truck nga mo-ag-i sa karsada nga maka-cause og traffic?</p>	<p>5. Rolando Buhisan – ang kanang load limit, sauna mao nay gitawag og SL20 sa DPWH, 20 tons na sya ang capacity. Karon ang DPWH ga-upgrade na, naa nata sa SL40, 40 tons nga capacity. So, ang unang na implement sa Cebu kanang Mactan Marcelo Fernan Bridge. Ug karon kaning gi-implement sa DPWH kaning road widening, pwerting bagaa sa cemento nga gigamit tag 12-inches na SL40 nanaa siya, kaya nana niya ang 40 tons or kanang 1000 bags.</p>	<p>5. Is a truck carrying one thousand (1000) bags of cement allowed to pass by local roads which can trigger congestion of trucks and cause traffic?</p>	<p>increase as our equipment need cooling water. We also prepared for that by making a water reservoir because our target is to avoid throwing the excessed cooling water to the sea, we will instead recover it. Our point is that, at least, the reused water will be used so that the static water level of our deep well will be maintained and no barangay will be affected.</p> <p>5. Rolando Buhisan – as to the load limit, DPWH used to call is SL20 before which means 20 tons of capacity. Now, it is upgraded into SL40 which means 40 tons of capacity. This was first implemented in Cebu, particularly at Mactan Marcelo Fernan Bridge. This road widening and concreting DPWH is implementing is made of thick cement layers reaching 12 inches high to meet the SL40 policy or to withstand 40 tons or 1000 bags.</p>
6 Engr. Bienvenido Probadora, CEMAP	Nasa plano po ba ang pier expansion?	Mitzie Carin (SEDC) – ang TCPI karon, nag-expand kana ilang Line 2. Ang SEDC is the quarry operator, we supply the raw materials from the quarry of SEDC, limestone. Karon if mahimo nana siyag semento, naa pud mi gitawag og port facility, mao nang pier diri sa kilid. Ari ta sa raw	Is pier expansion included in the plan?	Mitzie Carin (SEDC) – TCPI is now expanding their Line 2. SEDC is the quarry operator and we supply the raw materials from our quarries particularly limestones. If it will be produced into cement, we also what we call port facility. As for the raw materials, we, too, while TCPI is amending its ECC, is in process of

Q#	Cebuano		English	
	Question	Answer	Question	Answer
		<p>materials, kami sad while nag-amend sa environmental compliance certificate sa TCPI, kami pud on-process pud mi sa pag-amend para sa pag.suporta sa increase from 7,000+ to 16,350 metric tons per day. So, ang amoa pong volume, kinahanglan pud namo pasakaan para ultimately, ma meet ang "BUILD, BUILD, BUILD" ni Pres. Duterte. Karon maski daghan mi og materyales, nya ang amoang port dili sya expanded dili pud gihapon mo-match, walay matching sa needs. So, karon expanded nana ang atoang port, ang port nato karon naana na syay 10 ka berthing areas, naa sad nay 2 ka beaching. In addition, kay mo-import man mi og materyales para pud additives ug uban pa nga kinahanglanon para sa pagbuhat og semento, in addition sa expansion sa among quarry, mag-expand pud mi sa amoang port.</p>		<p>amending such, to support the increase of [cement] supply from 7,000+ to 16,350 metric tons per day. So, we are also gearing to increase our volume to ultimately meet President Duterte's Build, Build, Build [program]. Even though we have more than enough supplies for now, and our port is not yet expanded; it would still won't match the needs. As of this time, our port has already expanded with 10 berthing areas and 2 beaching [areas]. In addition, because we will import materials for our additives and others in producing cement, we are also expanding our quarry sites as much as our ports.</p>
7 Hon. Councilor Pat Esbra, South Pob.	Dili ni bag-o nato nga "Health is Wealth". Base sa among record sa health center, through our BHW, nisaka ang sakit sa ubo, asthma. Ikaduha kining, kagid-kagid. Nakahibaw sad mi sa council nga ang Taiheiyo naay grupo nga gisamunan para sa environment. Would it be possible nga kami sa barangay council mo-pass og resolution requesting a certain amount/budget para sa mask?	Gines Boltron – naa mantay gitawag og SDMP diin naka-butang didto ang health interventions para sa health dili lang kay sa South Poblacion apil na ang mga barangays nga maapektuhan. Submit lng sa inyong resolution or mag-estorya lang ta, no need for the request.	The saying "Health is Wealth" is not new to us. Based on our records in the health center, through our BHWs, the cases of cough and asthma are rising. Followed by [skin] rashes. We also are aware in the council that TCPI has group focused on environment. Would it be possible that the barangay council will pass a resolution requesting a certain amount/budget for [face] masks?	Gines Boltron – we have this so-called SDMP where health intervention programs lie under to benefit not just the host barangay which is South Poblacion, but all the other affected barangays also. Just submit your resolution or personally forward this matter with us so there will be no need for a request.

Q#	Cebuano		English	
	Question	Answer	Question	Answer
8 Hon. Teofanes Aldepulla, Barangay Captain of North Poblacion	Salamat kaayo sa TCPI sa inyong 500 bags of cement yearly. Maayo unta nga paapilan ninyo og aggregates kay para ang among barangay labor nalang ang amoa.		Thank you TCPI for your yealy donations of 500 bags of cements [to all San Fernando barangays]. We also wish that you can further include aggregates so that we will just worry for the labor.	
9 Hon. Jojo Villasan, Barangay Councilor of South Poblacion	Pwede ba ang paghatag sa 500 bags of cement i-accumulate ninyo? Kanang para sa this year pwede unta siya makuha next year?	Vanessa Bongcawil answered – we have our cement donation policy that has been adopted by the company over the years, nga gi-discourage jud nang i-accumulate it's because we want to evaluate the progress or the project of each barangay, kung nagamit ba jud sya. That's why we opted for a forfeiture of this cement donation. So, one year allocation for each barangay is 500 bags. But we are not closing our doors kay dili man kami ang mo-approve, we will bring your proposal to the management.	Would it be possible that your 500 bags of cement allocated when not donated this year be accumulated, and can still be acquired next year?	Vanessa Bongcawil answered - we have our cement donation policy that has been adopted by the company for years. With the policy, we discouraged accumulating cement donation allocation as we want to evaluate the progress of the project of each barangay if it (the cement donations) were really used. That is the reason why we opted for a forfeiture of this cement donation (if not used). Hence, one year allocation for each barangay is 500 bags. But, we are not closing our doors because we are not the ones to approve; hence, we will bring your proposal to the management.
10 Riza Segundo of San Fernando National HS	Aduna bay expansion sa parking lot/parking area which is affected and among mga estudyante, nga mo-short cut dha sa parking area nga molabang sa karsada sa pier nga molusot sa barangay Barrio B ug Jaguar. Aduna bay closing or i-close ba ang area, or naa bay consideration ang TCPI nga mohatag ug road right of way para sa mga estudyante.	Rolando Buhisan – ang road right of way karon nga ginagamit sa mga estudyante, ibalhin nana nato sa atubangan, una motuyok na sa kilid. Naana tay gi-allocate nga budget para ana. Naana pud tay bag-ong bridge, ug mohangyo Ing una mi sa barangay ni Kapitan Esbra nga makig coordinate mi nila, magpatabang pud mi nila to acquire katong road right of way sa private lot nga mo-cross sa katong bridge. Ang bridge gi-design na ug gi-award na ug contractor ug masugod na una. Pero dili namo i-close kund dili mahuman ang bridge. Safe ni siya nga bridge, structurally safe sya ug	Is there also an expansion to the affected parking lot/parking area? Our students take your parking areas as shortcuts passing through the pier road to reach barangay Barrio B and Jaguar. Will the area be closed or will TCPI consider to give a road right of way for the students?	Rolando Buhisan – the road right of way the students are now using will be transferred in front with a turning point at the end of it. We have allocated a budget for that. We also have a new bridge. That said, we would also like to request South Poblacion Brgy. Captain Esbra for coordination to acquire a road right of way from the private lot the bridge would cross over. The bridge is already designed and awarded to a contractor and would soon be started. But, we will not close [the area] unless construction is competed. This bridge is structurally safe with its [concreted] beam and stairs. The road right of way in our parking area

Q#	Cebuano		English	
	Question	Answer	Question	Answer
		IBEAM na sya with concrete ug naa sad syag hagdanan. Ang katong road right of way sa atubangan sa national highway sa among parking area, gi-double fence nana namo ug ni-request pa jud to sila nga paatopan, so amoam sang atupan.		fronting the national highway is already double-fenced and, because they requested for roofing, we will put a roof.
11  Hon. Brgy Captain Virgilio Siarot, Brgy. Tonggo	Ang ako dili ni pangutana, nakadungog man ko sa among SK nga nangutana kabahin sa liki, ang kana nga liki sa wa pa ang Grand Cement liki nana siya daan sa kinaiyahan pa na sya. Amo jud ng gikuyogan didto kauban ang taga SEDC amoam nanang gitan-aw. Kabahin sa kaning Line 2 sa TCPI, ang amo Ing sa taga Tonggo nga sa tuig 2017 ang mga bag-o nga mga equipment wala na juy abog nga Makita dili pareha sa una nga ug mapawong lang ug kadiyot, abog na kaayo. Ang panghaw sa 2017 until now dili naka makakita nga naay mogawas nga abog, ug naa may mogawas dapit na sa packhouse. Ug kabahin sa ine 2, mo-support mi ana ang amo Ing hangyo ug kung unsa tong gihatag sa Taiheiyo nga mga benepisyosuna kung matukod na ang line, maayo unta ug doblehon.		My concern is not a question, I just heard our SK chairperson mentioning about a crack. That crack has been there even when the then Grand Cement and now Taiheiyo Cement is not yet established, it is thus natural. We personally went to the reported area together with people from SEDC to check the area. Regarding the Line 2 of TCPI, in 2017 those in Lower Tonggo observed that with TCPI's new equipment no dust has become visible unlike before that when the equipment stop, dust will appear. With the new smoke stack from 2017 until now, no one can see a smoke coming out of it, and if there is it would only be at the pack house. Furthermore, we will not oppose TCPI's plan for a Line 2 as long as, we request, that whatever benefits we received when the first line was established, we hope it could be doubled.	
12  Hon. Councilor Mateo	Tinuod ang abog ni-minus na gyud. Pero ang akong gikabalak-an kung matukod na ang Line 2, ang kasaba sa	Dwight Avila – sa gisulti na ganiha ni Sir Romy nga kana nga expansion naa na tay mga measures ana maong	It is true that dust [emission] is already mitigated. But my worry is that when Line 2 operates, the noise in Lower	Dwight Avila – As what Mr. Romy Gebuilaguin said, with our expansion, we have measures and that is to further make our equipment soundproof.

Q#	Cebuano		English	
	Question	Answer	Question	Answer
Tapuyao, Brgy.Tonggo	Lower Tonggo mosamot. Ang akong pangutana, ug mosamot ba or mo-minus ang ug naa bay himoon nga lakang ang Taiheiyo nga dili na kaayo saba?	sound proof na ang atong mga equipment.	Tonggo will worsen. My question is that, will [noise] become worse or not, or will Taiheiyo do something to make [operations] less noisy.	
13  Hon. Councilor Lolita Pinatil, Brgy.Tinubdan	Ang among problema sa Tinubdan, tubig gyud. Nanghinaot lang mi nga sa inyong expansion, mag-patabang lang pud mi sa among tubig puhon, kay lisod jud kaayo ang among tubig.	Hon. Brgy Captain Reluya – ako lang i-address ang reaskyon ni Konsehal para mahibawan sa tanan. Naana tay gi-allocate nga 2.5M nga para sa tinubdan para ana gikan sa atong ABC President.	Our problem in [Barangay] Tinubdan is the [supply of] water. We just hope that with your expansion, we would like ask help with our water too because our water supply is insufficient and it's difficult.	Hon. Brgy. Captain Reluya – I would just like to address the reaction of councilor Pinatil [of Brgy. Tinubdan] so everybody would know. We already have allocated [a budget of] 2.5 million for Tinubdan for that [water supply system] through the efforts of our ABC President.
14  Elizabeth Rivac, CENRO Argao	Last May 2018. We had conducted coastal clean up sa Luknay river/Luknay creek, it was participated sa TCPI, SEDC, DENR, LGU ug mga contractor. We are able to collect about 500 bags (cement bags). Ang concern lang namo sa CENRO Argao, as of now nga limpyo naba didto or na-maintain ba didto or naa ba gihapon mi nga colektahanon nga hugaw?	Dwight Avila – naa man tay annual nga Save our Seas Clean up, naa sad tay quarterly sa atoang adopt-an-estero. Na maintain gihapon, but naa gihapon pero anyway ang atong program continue man, siguro needs Ing sa awareness sa mga tawo ug strengthening lang sa coordination sa atoang LGU.	Last May 2018, we had conducted a coastal clean up in Luknay river/creek. TCPI, SEDC, DENR, LGU and other contractors participated in it. We were able to collect about 500 (cement) bags. Our concern in CENRO Argao is that, as of now, is the creak/or river already clean or maintained or will we still collect the same or more waste?	Dwight Avila – we have our annual Save our Seas Clean-up [activity] as well as a quarterly adopt-an-estero program. [The creek/river's cleanliness] is still maintained. Although, we still see wastes, our program will continue. Perhaps, people just need awareness as well as strengthening of the coordination with our LGU.
15  Chito CENRO Argao	I would like to ask the corporation to provide us the number of employees/workers.	Dwight Avila – we can provide, amo lang i-submit sa inyong office.	I would like to ask the corporation to provide us the number of employees/workers	Dwight Avila – we can provide. We will just submit it to your office.
16  Shelly Rias, MPDC	Kay nag-monitor man sad mi sa inyong data sa inyong air, water quality, pwede mangayo lang sad mi inyong data.	Dwight Avila – noted. Mohatag lang pud mig data ninyo Ma'am.	Because we also wish to monitor the data of your air [and] water quality, can we ask you for your data?	DP Avila – Noted. We will forward the data to you, Ma'am.
17  Janet Canonigo, South Elementary School	Kami beneficiary mi sa ihatag nga medisina nga ihatag sa SEDC, so kasagaran ang amo jung mapahatag sa among mga bata is	Dwight Avila – Noted Ma'am. Buhat lang ta og request letter para maka-release mi.	We are beneficiaries of the medicines from SEDC that is why we only can usually give medicines for fever. We never gave [our	Dwight Avila – Noted Ma'am. Please just make a request letter so that we can mobilise some aid.

Q#	Cebuano		English	
	Question	Answer	Question	Answer
	tambal ra jud sa hilanat, kanang uban is dili mi kahatag tungod kay mahadlok mi basin dili na maoy tambal sa iyang gipamati. Ang amo lang kay pwede ba ug mabisitaan sad mi sa inyong doctor ug dili Ing pud kaayo too much sa inyo nga part kay daghan jud kaayo mi mga bata Sir nga sigig hilanat, gi-ubo.		pupils] any other medicines as we are unsure if it is a treatment for what they feel. We just only want to request, if it isn't too much, that your [company] doctor visit us because we have many children in often cases of fever and cough, Sir.	
18  Riza Segundo, San Fernando National HS	I would like to know pila kahay figures ang hiring employment ninyo kay naa man sad mi mga graduates ba, pwede sad dili regular?	Emmy Ortega – 5,246 jobs that includes the construction period. Dili na katong regular employment. Dili pa man ta ka-predict karon, pero mao na among tan-aw nga sa gidaghanon nga among ma-employ. Ang ato pong i-adopt ani is employees should be coming from San Fernando.	I would like to know the figures of your hiring employment [during and after this expansion] because we also have our graduates, if possible including the non-regular positions?	Emmy Ortega – Our data shows 5246 jobs that includes the construction period. It is not the regular employment because, as of now, we can't identify [the figures], but that is what we can estimate. We are also adopting here that employees should be coming from San Fernando.
19  Mr. Rolando Villariasa TESDA San Fernando	In relation sa pangutana ni Ma'am about sa work force, kay duna man sad mi mga graduates. Ang nahitabo man gud kay duna koy mga estudyante nga nangapply didto pero ilang gibalibaran.	Emmy Ortega – Noted na Sir, mangutana usa mi sa HR ug sa contractor (Hammerhead). Amo na i-discuss sa HR ug sa purchasing namo ug sa contractor kay mao man jud atong policy, hire first the San Fernando people.	In relation to Ma'am's [Segundo] inquiry about work force, we also have graduates. We received reports that our students who applied [in TCPI] but were declined.	Emmy Ortega – That is noted, sir. We will just ask HR and our contractor (Hammerhead). We will discuss that with HR and Purchasing together with the contractor because our policy remains, hire first the San Fernando people.
20  Hon. Brgy. Captain Nonoy Reluya, ABC President and Brgy. Capt. Of Panadtaran	Kap. Reluya added – tinuod na Ma'am, always and always concern namo, kanang wa tay control sa mga subcontractors nato nga nag-serve sa Taiheiyo. Si Mayor stricto kaayo sa San Fernando first policy, and yet mahibaw-an nato majority sa nanarbahol dha dili taga san Fernando. Unsaon namo na? Unsa ang ikatabang sa LGU ngadto sa Taiheiyo nga ma-	Emmy Ortega replied – Sir, thank you nga na-brought up na nimo and we will just note that. We will meet Zenith Rubi of HR and the Purchasing Department to investigate the matter sir.	Kap. Reluya added – That is true, Ma'am. Always and always, that is our concern. We don't have any control towards the subcontractors serving Taiheiyo. Mayor is very strict in the San Fernando Policy, yet we just knew that majority of the workers [in Taiheiyo] are not from San Fernando. How do we that? What help can the LGU give to Taiheiyo as to control the	Emmy Ortega replied – Sir, thank you for bringing that up and we will just note that. We will meet with Mrs. Zenith Rubi of HR and our Purchasing Department to investigate the matter, sir.

Q#	Cebuano		English	
	Question	Answer	Question	Answer
	control nato ang mga contractor. Sa among meeting, among gihangyo si Ma'am Vanessa nga mangayo mig tanang list sa inyong mga contractors nga nag-serve sa Taiheiyo, kay ultimo Mayors permit wala. So, wan a makit-a ninyo pero sa panahon ni Mayor, gipang-silip nana. Kay suppose to be naa moy Mayors permit kay naa mo nag-trabaho naa mo nag-negosyo sa San Fernando for how many years wala na buhata. Kanang San Fernando first policy dugay nana, pero ang problema way control sa LGU ug wa puy control ang Taiheiyo kay ang among tawo manganha balibaran kay duna namay paborito, ilabi nag wala kay connect sa sulod, sorry nalang ka dili jud ka madawat. Prangka lang pagka storya, dunay mga empleyado ninyo nga mag-maniubra sa pag-employ sa mga trahabante.		contractors? In our meeting, we asked Ma'am Vanessa for all the list of the contractors serving [Taiheiyo], because they don't even have a Mayor's Permit. You may have not noticed that but in the time of our Mayor, everything is noted. They are supposed to have a Mayor's permit because they are doing business in San Fernando for how many years but they never had [that permit]. The San Fernando First Policy has been there already, the problem is that the LGU can't control as much as Taiheiyo itself can't. The people we asked to go [to Taiheiyo] and apply were rejected because they already have their favorites. Especially if you don't have any connection inside, you will never be accepted. Let's just be blunt here, some of your employees are manipulating the hiring of employees.	
21  Hon. Teofanes Aldepulla, Brgy. Captain of North Poblacion	1. In behalf sa LGU, nag-hisgot man mo nga naa moy monitoring, how about nga ang among Local Engeneering naa sa'y TV monitor kay kami man ang taga lungsod kaysa anang adto sa Region?	Dwight Avila – Naa naman tay camera diha nga real-time sa EMB ug Regional Office. Ang request nimo nga pabutangan sad sa inyong munisipyo, we'll discuss, I think ang EMB nay website, i-coordinate with EMB para makalog-in mo, kay pabutangan og camera ato sa nang idiscuss sa management kay it involves also cost.	1. In behalf of the LGU, since you mentioned about monitoring, how about installing a TV monitor inside our Local Engineering [Office], instead of putting it in the Region, because, in the first place, we are residents of this municipality?  2. A smoke stack should have a	Dwight Avila – We have a camera installed at the EMB and Regional Offices that projects real-time movements. Your request to also put [a camera] in your municipality, we will have to discuss. I think EMB has a website. Perhaps, you can coordinate with EMB to allow you to log in. The request of putting an additional camera [for the view of everyone in the municipality], I will have to discuss that with the

Q#	Cebuano		English	
	Question	Answer	Question	Answer
	2. Ang smoke stack naa gyud nay mga camera, how about mo-install mo og camera nga makita pud namo diri sa munisipyo ang tanang kahilokan sa inyong smoke stack within 24 hrs?		camera, how about you install a camera that will allow us here, in the municipality, to know about the movements of your smoke stack within 24 hrs?	management as that will involve cost.

## **ANNEX 1   Notice of Publication and Web-Published Project Executive Summary**



Republic of the Philippines  
Department of Environment and Natural Resources  
**ENVIRONMENTAL MANAGEMENT BUREAU**  
DENR Compound, Visayas Avenue, Diliman Quezon City 1116  
Telephone Nos.: (632) 927-15-17, 928-37-25; Fax No.: (632) 920-22-58  
Website: <http://www.emb.gov.ph> / Email: mail@emb.gov.ph

#### NOTICE OF PUBLIC HEARING

On the **ENVIRONMENTAL PERFORMANCE REPORT AND MANAGEMENT PLAN (EPRMP)** of the proposed **CEMENT PLANT EXPANSION PROJECT** of **TAIHEIYO CEMENT PHILIPPINES, INC. (TCPI)** located in **BARANGAY SOUTH POBLACION, SAN FERNANDO, CEBU**.

Notice is hereby given to all parties who wish to give their opinion regarding the implementation of the proposed **CEMENT PLANT EXPANSION PROJECT** to attend a Public Hearing on **17 JANUARY 2019 (THURSDAY)** at **9:00 AM (registration starts at 8:00 am)** to be held in **DKNS MAESTRO'S RESTOBAR AND RESORT, KALUBIHAN 1, NORTH POBLACION, SAN FERNANDO, CEBU**.

The Public Hearing is being conducted in connection with the review of the EPRMP of the aforementioned project by the Environmental Management Bureau (EMB) of the Department of Environment and Natural Resources (DENR).

TCPI aims to contribute to the increase of Philippine cement production capacity due to the large gap in domestic cement supply and demand to accelerate national economic development. The proposed project will save Philippine foreign exchange currency from the purchase of imported clinker and cement with uneven performance quality while generating employment and revenues for local and the national government from income and excise taxes. During implementation, the project will bring economic opportunities for domestic service contractors and suppliers, primarily from San Fernando and Cebu. The project's social benefits include supplemental Social Development Projects identified by the local impact community as necessary for them to attain their development goals in health, education, livelihood and safety.

The key information about the project are as follows:

<b>Project name</b>	Cement Plant Expansion Project	
<b>Project location</b>	Barangay South Poblacion, San Fernando, Cebu	
<b>Project size</b>	5,313,750 MT/year cement production	
<b>Project description</b>	Non-metallic mineral processing plant	
<b>Components</b>	<ul style="list-style-type: none"><li>• Limestone crusher</li><li>• Clay crushing system</li><li>• Pozzolan crushing System</li><li>• Raw mill system</li><li>• Rotary kiln</li><li>• Air conditioning tower</li><li>• Noise abatement facilities</li></ul>	<ul style="list-style-type: none"><li>• Coal mill</li><li>• Clinker cooler</li><li>• Cement mills</li><li>• Packaging machine</li><li>• Air pollution control devices</li><li>• Storage facilities</li><li>• Cooling Pond</li></ul>

All interested parties who wish to attend or participate in this Public Hearing should preferably confirm their attendance/participation and may give their opinion(s) in a concise position paper to the **ENVIRONMENTAL IMPACT ASSESSMENT AND MANAGEMENT DIVISION (EIAMD)** of this Office through mail or through email at [eiamd.emb.co@gmail.com](mailto:eiamd.emb.co@gmail.com), three (3) days before the Public Hearing schedule. Those who will not be able to register or submit written positions may be given the opportunity to share their issues on the day of the hearing itself.

The project's EPRMP and Executive Summary for the Public (ESP) are downloadable at our website: [www.eia.emb.gov.ph](http://www.eia.emb.gov.ph) (kindly access the Notice of Public Hearing/Consultation link found in our website) while printed copies will be available in this Office and in the following offices:

- 1) **EMB Region VII**  
Office Address: Greenplains Subdivision, Banilad, Mandaue City, Cebu  
Telephone No.: (032) 346-1647
- 2) **Municipal Planning and Development Office (CPDO)**  
Municipality of San Fernando, Province of Cebu

For more details, please contact EIAM Division of this Office at telephone number (02) 920-2240 to 41 and look for the project case handlers Engr. Marivie Yao and Engr. Carlo Vic Arida.

*Protect the environment... Protect life...*

**KALANGKOBAN ALANG SA PUBLIKASYON SA EIA  
(EIA SUMMARY FOR PUBLICATION)**

NGALAN SA PROYEKTO	PAGPALAPAD SA PRODUKSYON SA SEMENTO	
MATANG SA PROYEKTO	PAGHIMO SA NON-METALLIC MINERAL	
LOKASYON SA PROYEKTO	<p>BARANGAY SOUTH POBLACION, LUNGSOD SA SAN FERNANDO, CEBU</p> <p>ANG PROYEKTO ANA A RA SA SULOD SA TCPI-SEDC, LUGAR NGA DIIN NAHIMUTANG ANG UNANG LINYA (LINE 1), PASILIDAD SA PAG GAMA SA SEMENTO</p>	
NGALAN, LUGAR ug KAPABILIDAD PROPOONENTO	SA	TAIHEIYO CEMENT PHILIPPINES, INC. 9 <sup>TH</sup> FLOOR INSULAR LIFE CEBU BUSINESS CENTER, CEBU BUSINESS PARK, CEBU CITY PARENT COMPANY & MAJORITY SHARE HOLDER: TAIHEIYO CEMENT CORPORATION, JAPAN SUBSIDIARY: SOLID EARTH DEVELOPMENT CORPORATION
MGA KABAHIN NGA ECC	<p>ECC 9107-011-105C GI HATAG DA DENR SA GRAND CEMENT MANUFACTURING CORPORATION (GCMC) KANIADTONG TUIG 1999, PARA SA IKA-DUHA NGA LINYA SA PAG GAMA UG SEMENTO NGA NAAY PRODUCTION VOLUME NGA 7,350 METRIC TONS KADA ADLAW UG APIL NIINI ANG PAG MINA SA LIMESTONE SA SEDC. ANG PERMIT SA IKADUHANG LINYA WALA NA TUKOD TANAN UG KARON PAKA LAPDAN OG USWAG SA MAONG APLIKASYON.</p> <p>ANG ECC 0607-007-3630 GI HATAG SA DENR SA TCPI SA TUIG 2007 PARA SA PAG GAMIT SA ALTERNATIBONG MATERYALES SA PAG HIMO OG SEMENTO UG KINING MAONG ECC NAG SUPERCEDES SA ECC 9107-011-105C</p>	
ANG PROYEKTO	<p>ANG PAG PALAPAD OG USWAG SA PASILIDAD SA IKADUHANG LINYA MAO ANG PAG HIMO OG 6,000 METRIC TONS NGA CLINKER KADA ADLAW APIL SA UNANG LINYA NGA ADUNAY KAPASIDAD NGA 2,440 MT KADA ADLAW.</p> <p>GIKINAHANGLAN NGA PRODUKTO NGA MA ABOT (CEILING) SA 16,350 METRIC TONS KADA ADLAW. GIKAN KINI SA UNANG LINYA UG SA IKADUHANG LINYA NGA ADUNAY PRODUCKTOKTO NGA MA ABOT (CEILING) SA 7,350 METRIC TONS</p>	
DESCRIPTION PROYEKTO	SA	<ol style="list-style-type: none"> <li>PAGTUKOD SA IKADUHA NGA LINYA OG OPERASYON MAG HATAG SA TCPI OG PRODUKSIYON NGA OUTPUT NGADTO SA 16,350 METRIC TONS NGA SEMENTO KADA ADLAW, BALI 5,313,750 METRIC TONS KADA TUIG SULOD SA 325 NGA ADLAW, AVERAGE NGA OPERATION;</li> <li>ANG PROYEKTO MAKAHIMO OG TAAS NGA KALIDAD SA SEMENTO NGA MAOY MO HATAG SA PHILIPPINE GOVERNMENT CEMENT REQUIREMENT PARA SA ‘BUILD-BUILD-BUILD’ NGA PROGRAMA;</li> <li>ANG IKADUHANG LINYA MAG HIMO OG SEMENTO SA UBOS NGA ENERGY REQUIREMENT NGA 720KCAL PER METRIC TON CLINKER KUMPARA SA 914 KCAL/MT SA UNANG LINYA</li> </ol>

	<p>4. ANG PROYEKTO MAKAN LUWAS SA PHILIPPINE FOREIGN EXCHANGE CURRENCY GIKAN SA PAG KUHA OG PAG PALIT OG IMPORTED CLINKER OG SEMENTO NAG DILI DI KALIDAD. OG ANG MAONG PROYEKTO MAKAN HATAG OG REVENUES SA LOCAL OG THE NATIONAL GOVERNMENT FROM INCOME TAXES.</p> <p>5. ANG PROYEKTO MAKAN HATAG OG OPURTUNIDAD SA EKONOMIYA SA LOCAL NGA KONTARCTOR OG SUPPLIER NGA GIKAN SA SAN FERNANDO OG CEBU.</p> <p>6. ANG MGA KWALIPIKADO NGA TRABAHANTE (WORKFORCE) SA SAN FERNANDO MAHATAGAN OG PRIORIDAD. 70% OF OUTSOURCED JOBS PARA SA UNSKILLED LABOR MAGA GIKAN PUD SA SAN FERNANDO, CEBU</p> <p>7. ANG TIBUOK PROJECTED KOMBINASYON (LINE 1 AND LINE 2) SA NORMAL PARTICULATE MATTER EMISSIONS IS 12 mg/NCM. PEAK 1 HR AMBIENT TSP IS 164 µG/NCM 1,709 meters TO 1,907 meters WEST OF THE PLANT. PEAK 24-HR IS 27 µG/NCM, 895 meters WNW TO 1,613 meters W SA THE PLANTA, ANG RESULTA NASULOD SA NATIONAL EMISSIONS AND AMBIENT AIR QUALITY STANDARDS.</p> <p>8. PAG UBOS SA PAG KUHA OG TUBIG SA ILALOM SA YUTA (GROUND WATER EXTRACTION) PARA SA PRODUKSYON SA CLINKER GIKAN SA 4.7% NGADTO SA 4.4% SA NWRB-PERMITTED EXTRACTION VOLUME TUNGOD SA PAG PA TAASSA PAG GAMIT BALIK, SA GINAMIT NGA TUBIG (PROCESS WATER RECYCLING) TUNGOD SA PAG HIMO SA 5,000 M<sup>3</sup> COOLING POND, USA PUD KINI KA PAAGI ARON MA PUG-NGAN ANG PAS SULOD SA PARAT NGA TUBIG (SALINE INTRUSION) SA ATO GROUND WATER TABLE.</p> <p>9. GI ESTIMATE NGA 810 BAG-O NGA TRABAHO (NEW JOBS) SA PAGSUGOD SA MAONG CONSTRUCTION SA MAONG PROYEKTO NGA MO LUNGTAD SA 31 KA BULAN (MONTHS).</p> <p>10. GIBANABANA NGA KINATIBUK-ANG 126 NGA MGA TRABAHANTE ANG NALAMBIGIT SA MGA OPERASYON SA TCPI UG 392 KA MGA TAWO NGA KINAHANGLAN ALANG SA PAGMENENAR NGA TRABAHO, ALANG SA USA KA GITINUHA NGA PROYEKTO NGA MO LUNGTAD SA 50 KA TUIG.</p> <p>11. ANG MGA BENEPISYO SA KATILINGBAN NAGLAKIP SA MGA DUGANG NGA PROYEKTONG PAGPALAMBO SA KATILINGBAN ARON MAKAB-OT ANG MGA TUMONG SA PAGPALAMBO SA PANGLAWAS, EDUCASYON, PANGINABUHIAN UG KALUWASAN. MO SUPORTA SA MGA LOKAL NGA HANGYO ALANG SA MGA PROYEKTO SA SUPPLY SA TUBIG.</p>
MGA COMPONENTS SA PROYEKTO	<p>1. Limestone crusher 2. Clay crushing system 3. Pozzolan crushing System</p> <p>8. Clinker cooler 9. Cement mills 10. Packaging machine</p>

	4. Raw mill system 5. Rotary kiln 6. Air conditioning tower 7. Coal mill	11. Air pollution control devices 12. Storage facilities 13. Noise abatement facilities 14. Cooling Pond
--	---	---

PROSESOS TEKNOLOHIYA	SA	UGA NGA PAMAAGI SA PAG HIMO OG SEMENTO GAMIT ANG PREHEATER/PRECALCINER KILN
-------------------------	----	--

PAG GAMIT KAHINUHAAN	SA	TINUIG NGA KINAHANGLANON (Metric Tons):		
		LIMESTONE	SILICEOUS CLAY	SILICA
		3,948,632	8,002	318,870
				Philippine Tuff
				FLY ASH
				476,431
				384,605

Daily Water Balance (Cubic Meters)

Process Water Requirement Per Day	Existing in System	Lost to Evaporation	Process Water Recycling	Rainwater Harvesting for Production	Existing Water Extraction Permit Capacity	Average Daily Ground Water Extraction
6,165	2,202	173	5,3814	nil	3,931.2	191.37

Process Energy Design : 720 kCal /ton clinker from fuel, 47.7 kCal from recirculated heat

Project Implementation Schedule	Feasibility Study & Engineering Design	Construction &Commissioning	Start of Commercial Operation
	2018	2019	2021

Mga Equipo sa planta og ang iyang Kapasidad kada Linya

COVERED BY ECC- 0607-007-3630				PROPOSED ECC AMENDMENT			
WITHIN THE AREA OF 17 HECTARES				TOTAL LAND AREA OF 44 HECTARES			
#	Line 1	Capacity	Line 2- Existing	Capacity	Line 2- Amendment	Capacity	Remarks
1	Limestone Crusher	450 t/hr	-----	-----	Limestone Crusher	1,000 t/hr	Sa pag ka karon ang TCPI nag import/kuha og clinker sa gawas para maka apas sa panginahanglan sa semento.
2	Raw Milling System				Raw Milling System		
	Hammer Mill	270 t/hr	-----	-----	Hammer Mill	450 t/hr	
3	Rotary Kiln	2,800 t/day	-----	-----	Rotary Kiln	6,000 t/day	
4	Coal Mill	25.6 t/hr	-----	-----	Coal Mill	36 t/hour	
5	Cement Mills		Cement Mills		Cement Mills		
	1k- Roller Press	75 t/hr	7k	70 t/hr	9k	125 t/hr	
	2k		8k	125 t/hr	10k	125 t/hr	
	3k		-----	-----	11k	125 t/hr	
	4k		-----	-----	-----	-----	
	5k		-----	-----	-----	-----	
	6k	34 t/hr	-----	-----	-----	-----	
6	Packing Machine		Packing Machine		Packing Machine		
	(#1 - #6)		(#7 – #14)		(#15 - # 22)		
	Cement produced per day	4,350 MT	With the existing Mills and Packing machine	7,350 MT	With the additional equipment	16,350 MT	

Project Process ug Criteria for Selection, lakin na kung gi-impluwensahan sa mga hingtungdan sa publiko ang pagpili

Ang sistema sa pagmamanupaktura sa semento (Line 1) nga gipadagan sa TCPI gi-instalar niadtong 1993 ug wala na makahimo sa gidaghanon nga gidaghanon sa klinker tungod sa nagkatigulang nga mga pasilidad sa produksyon sa klinker. Sa pagkakaron, ang TCPI nag-import og sa clinker aron sa pagsagubang sa kasamtangan nga panginahanglan. Ang Line 1 nga ekipo sa pagkakaron nagprodyus nga average nga 2,267 metriko tonelada nga klinker kada adlaw, 87% lamang ang gibanabana nga kapasidad nga 2,800 mtpd samtang naggamit sa samang enerhiya nga magamit sa 2,800 mtpd kiln.

Ang Line 2 kiln nga gitugutan ubos sa ECC 9107-011-105C gi-update aron magamit ang mga modernong ekipo ug magamit ang mga sistema sa pagpabalik sa kainit alang sa energy efficiency. Sa proseso sa pag-amendar sa ECC, ang TCPI nagsugyot sa pagdugang sa produksyon nga output gikan sa 2440 mtpd clinker ubos sa Line 1 ngadto sa 6,000 mt adlaw-adlaw ubos sa Linya 2. Ang TCPI magpadayon sa paggamit sa dry process cement manufacturing nga pamaagi ug sa kinatibuk-an moresulta sa 16,350 mtpd cement sa usa ka clinker sa semento ratio nga 1: 1.282 ug uban sa paggamit sa 3,474 mt imported nga klinker.

Ang cement kiln mao ang kasingkasing sa proseso sa pagmanupaktura sa semento, nga makahimo sa klinker pinaagi sa pagproseso sa pyro, usa ka kusog nga proseso sa enerhiya nga nagkinahanglan sa pagtaas sa temperatura sa kiln sa gilay-on nga 1,200 - 1,450 °C ngadto sa sinter calcium carbonate nga adunay silica-bearing minerals aron mahimong usa ka sagol nga calcium silicates. Ang global average nga pagkonsumo sa enerhiya alang sa precalciner kiln mao ang 840 kCal./ ton clinker. Ang disenyo sa kainit sa TCPI alang sa Linya 2 mao ang 720 kCal matag metriko tonelada nga clinker, nga gigamit usab ang recirculated nga kainit sa kainit nga 43.3688 kCal kada mt clinker.

Ang TCPI ubos sa gisugyot nga plano sa pagpalapad sa produksyon sa Line 2, mao:

1. Pag gamit sa epektibo (efficient) nga kagamitan o sistema o moderno nga disenyo sa paghaling (burning) sa fuel.
2. Pag-proseso sa fly ash aron sa pagpuli sa usa ka tipik sa natural nga quarry nga mga materyales aron sa pagpakunhod sa mga negatibong epekto sa quarry sa proseso sa pagdugang sa produksyon sa semento aron sa paghatag sa nagtubo nga panginahanglan sa semento sa Pilipinas;
3. Pag-proseso sa waste copper slag aron ikapuli sa iron slag nga hilaw nga materyal ug sa proseso makunhuran ang usa ka gamay nga bahin sa greenhouse gas formation atol sa clinkering;
4. Pag gamit sa denitification unit nga magamit ang urea o sodium nitrate aron makunhuran ang pagorma sa nitrogen oxides atol sa clinkering;
5. Sa pag padayon sa co-process waste derive fuels nga gi- aprobahgan ubos sa ECC 0607-007-3630;
6. Pagtaas sa sa produksyon (production ceiling) sa semento gikan sa 7,370 metriko tonelada ngadto sa 16,350 mtpd.

Ang Proyekto gisugyot nga mahimutang sulod sa propiedad sa TCPI-SEDC sa San Fernando, Cebu tungod sa mosunod nga mga rason:

1. Ang pagkabaton sa mga kasamtangan nga mga pasilidad sa suporta sa mga auxiliary ug ancillary ubos sa TCPI Line 1 nga makunhuran ang gasto sa pag-estabilisar sa ikaduha nga manufacturing line nga semento (Line 2) nga makapakunhod sa pre-operation period.
2. Duol sa mga tinubdan sa raw nga materyal;
3. Ang pagkasayon sa klima nga mas uga kay sa mga adlaw nga ting-ulang ug kasagarang kainit nga temperatura nga makahatag sa natural nga pag-uga sa mga raw nga materyales;
4. Ang yuta nga gikinahanglan alang sa pisikal nga pagpalapad anaa na;
5. Ang SEDC Port nga importante nga input ug ingon nga market outlet anaa na.

# Forecast Source Emissions from Clinker Production (Result from AERMOD-assisted Dispersion Model)

	Stack	Stack	Stack Ht.	VEL	Concentration (mg/Ncm)			
	Diam (m)	Area (m <sup>2</sup> )	(m)	(m/s)	PM	CO	NOx	SOx
KILN LINE 1	4	12.57	43.00	9.00	6	326.21	256.47	ND
KILN LINE 2	4	12.57	100.00	14.92	6	326	256	ND
	Stack Temp	Stack	VFR	Emission Rate/Strength (g/s)				
	UTM	deg C	Temp. (K)	(Nm/Min)	PM	CO	NOx	SOx
KILN LINE 1	576582	1123476	93.75	366.75	4,578.00	5.27	24.89	19.57
KILN LINE 2	576326	1123629	93.75	366.75	11,252.77	12.96	61.18	48.10
AFR Metals Concentration (mg/Ncm)								
AS	Cd	Cu	Pb	Hg	Ni	Zn	Cr	Sb
0.02197	4.43	0.017	0.0299	0.0069	0.0309	0.04204	0.0273	0.002
0.02197	4.43000	0.01700	0.02990	0.00690	0.03090	0.04204	0.0273	0.002
AFR Metals Emission Rate/Strength (g/s)								
AS	Cd	Cu	Pb	Hg	Ni	Zn	Cr	Sb
0.00168	0.33801	0.00130	0.00228	0.00053	0.00236	0.00321	0.00208	0.000153
0.00412	0.83083	0.00319	0.00561	0.00129	0.00580	0.00788	0.00512	0.000375
								Total DF
								2.594E-05
								6.377E-05

**Resulting Peak Values 98 percentile (Rank 8th – 1-hour and 176th – 24-hour) Assume Combined/Simultaneous Line 1 and 2 Kiln Restarting. Peak values will reduce when Line 1 and Line 2 maintenance and start-up are not simultaneous**

Parameters	Averaging Time	Distance	Direction	Concentration (µg/Ncm)	Standard / GV (µg/Ncm)
TSP	1 Hour	1,000	West	164	300
	24 Hour	1,200	West	27	230
CO	1 Hour	1,000	West	665	35 mg/Ncm
	8 Hour	1,200	West	115	10 mg/Ncm
NO <sub>2</sub>	1 Hour	1,000	West	53	260
	24 Hour	1,200	West	9	150
As	1 Hour	1,000	West	0.044	0.02 µg/Ncm*
	24 Hour	1,200	West	0.007	--
Cd	1 Hour	1,000	West	9.03	0.01 µg/Ncm*
	24 Hour	1,200	West	1.57	--
Cu	1 Hour	1,000	West	0.014	--
	24 Hour	1,200	West	0.006	--
Hg	1 Hour	1,000	West	0.005	--
	24 Hour	1,200	West	0.0024	--
Ni	1 Hour	1,000	West	0.026	--
	8 Hour	1,200	West	0.022	--
Pb	1 Hour	1,000	West	0.025	20 µg/Ncm*
	24 Hour	1,200	West	0.0106	--
Sb	1 Hour	1,000	West	0.022	0.20 µg/Ncm*

	24 Hour	1,200	West	0.009	--
Zn	1 Hour	1,000	West	0.035	--
	24 Hour	1,200	West	0.014	--
Cr	1 Hour	1,000	West	0.023	--
	24 Hour	1,200	West	0.009	--
TDDFF	1 Hour	1,000	West	0.00038	--
	24 Hour	1,200	West	0.00016	--

Notes: \* For 30-minute averaging time; -- No applicable guideline value or standard limit.

Human sa unang 24 hours sa pag sugod sa kiln (start-up) og inig human sa matag periodic and preventive maintenance works nga pagahimoon matag quarter sa Line 1 og ka da duha (2) quarters sa Line 2, ang particulate emissions ning ubos gayud.

Ang perpektong integrated nga summary sa mga dagkong mga epekto ug mga nahabilin nga mga epekto human sa mitigation gihatag sa mosunod nga Talaan:

Pangunang Mga Epekto	Mga pangutana sa scoping?	Giunsa pagsulbad ang mga isyu sa Proyekto (Mitigating Measures)	Mga nahabilin nga mga Epekto (Residual Effects)
Air Quality – Particulate matter	✓	<p>Pag-convert sa Air Pollution Control Facility gikan sa Electrostatic Precipitator nga adunay 92% nga efficiency sa Bag house nga mga filter sa 99.7% control efficiency.</p> <p>Paghimo og lahi nga eskedyul sa maintenance alang sa Linya 1 ug Linya 2 aron malikayan ang incomplete burning sa fuel sa usa ka higayon.</p>	<p>Ang kinatibuk-an / pinakataas nga konsentrasyon yuta sa ambient nga partikulo nga nag-asumer sa Line 1 ug Line 2 nga gipabuto/pag dagan sa kiln samang panahon mao ang 151 µg / Ncm. Standard mao ang 300 µg / Ncm. Ubos sa 100 µg / Ncm ang makasinati sa peak load nga emission atol sa pag dagan sa kiln.</p>
Air Quality – Nitrogen Dioxide emissions	✓	<p>Ang Line 1 nag gamit sa recycle sa gas ug gas conditioning tower (water scrubber) ug limitahan ang temperatura sa mga 1,450 °C, igo alang sa calcining apan diin ang NOx dili molambo. Ang linya 2 adunay mas episyente nga sistema diin aduna kini denitrification system, pag spray og urea / sodium chloride para dili mahimo ang NOx.</p>	<p>Ang pinakataas nga konsentrasyon sa lebel sa yuta ubos sa kasamtangan nga kondisyon nga gipanagna sa Line 2 nga gihatag sa iyang bag-ong sistema, mao ang 57 µg / Ncm. Ang National Guideline Value mao ang 260 ug / Ncm.</p> <p>(Ang ika-tulo nga partido nga report maoy gigamit sa pagpanagna o forecasting).</p>
Air quality – road dust during transportation of coal and materials to plant	✓	<p>Ang transportasyon sa coal, fly ash ug pag pa gawas (out-going) semento mahimong pinaagi na sa nasulod nga conveyor belt gikan sa pantalan ngadto sa planta, pagwisik sa tubig sa abugon nga mga adlaw.</p>	<p>Diyutay ang naglibot nga abog. Ang materyal nga transportasyon sa padung sa planta pagatabunan sa tarpaulin. Ang dump truck nga walay tabon o tarpaulin dili maka sulod.</p>
Water Resource Competition	✓	<p>100% pagproseso sa tubig ug pag-ani sa ulan. Ang pag kuha sa tubig (gikan sa tabay) adunay pag tugot sa NWRB, nga gitugotan usab sa gidaghanon.</p>	<p>173 m³ daily extraction (lost of evaporation-nawala), bali 4.4% sa 3,931 m³ daily extraction nga gitugotan sa NWRB.</p>

Pangunang Mga Epekto	Mga pangutana sa scoping?	Giunsa pagsulbad ang mga isyu sa Proyekto (Mitigating Measures)	Mga nahabilin nga mga Epekto (Residual Effects)
Social Development Program contribution to San Fernando	✓	<p>Ang pormal ug dili pormal nga suporta sa pagbansay-bansay ug prayoridad nga pagpanaraho gitugyan sa mga residente sa San Fernando.</p> <p>Ang TCPI naghatag ug magpadayon sa pagbansay sa mga mangingisda ug mga mag-uuma aron mapalambo ang ilang kahibalo, kahanas ug kita.</p>	Pagpalambo sa sosyal nga kapital ug pagpalambo sa mga oportunidad sa panginabuhi sa mga naghatag paningkamot sa pagkat-on ug pagbuhat sa mabungahon nga trabaho.

#### MGA NAILA NGA MGA STAKEHOLDERS

Ang mga natungdan nga mga stakeholders mao ang mga residente sa Barangay Poblacion, Panadtaran ug North Poblacion kinsa gilauman nga makamatikod sa minutos nga pagdaghan sa particulate particulate ilabi panahon sa pagdagan o andar sa kiln, ang peak load sa polusyon nga magpadayon sulod sa usa ka oras ug makunhud sa mosunod nga 24 horas. Ang kontribusyon sa TCPI nga sinumpay nga Linya 1 ug Linya 2 nga mga operasyon sa usa ka average nga adlaw kinahanglan naa ra sa lebel nga gi permittan sa DENR.

Ang mga lumulupyo sa Tonggo ug Tinubdan mao usab ang mga hingtundan ingon nga sila makasinati sa kompetisyon sa kahinguhaan sa tubig gikan sa tampakan sa panahon sa pagpatunhay sa tubig sa adlaw-adlaw nga labaw sa gidaghanon nga gitugot sa National Water Resources Board.

#### Primary and Secondary Impact Barangays, Proyekto sa Pagpalapad sa Produksyon sa TCPI

Primary Impact Barangays	Deskripsyon sa lokasyon	Kinaiya sa epekto (Nature of Impact)
1. Poblacion South	Host community	Lokasyon sa Sensitive AQ Receptor Area
2. Panadtaran	Sa kasadpang bahin sa nahimutangan sa planta sa TCPI (South west of the existing TCPI cement production plant)	Lokasyon sa Sensitive AQ Receptor Area
Secondary Impact Barangays		
3. Poblacion North		Location of Sensitive AQ Receptor Area
4. Tonggo	Habagatan sidlakan sa planta sa semento (South east of cement plant)	Ang mga tubigan sa Luknay Creek, Tingali makasinati sa kompetisyon sa paggamit.
5. Tinubdan	Amihanang silangan sa planta sa semento (North east of cement plant)	Ang nahimutangan sa usa ka bahin sa lugar nga pagpalapad sa planta. Ang lokasyon sa dakong bahin sa micro watershed sa Sabang River. Makasinati sa kompetisyon sa paggamit.

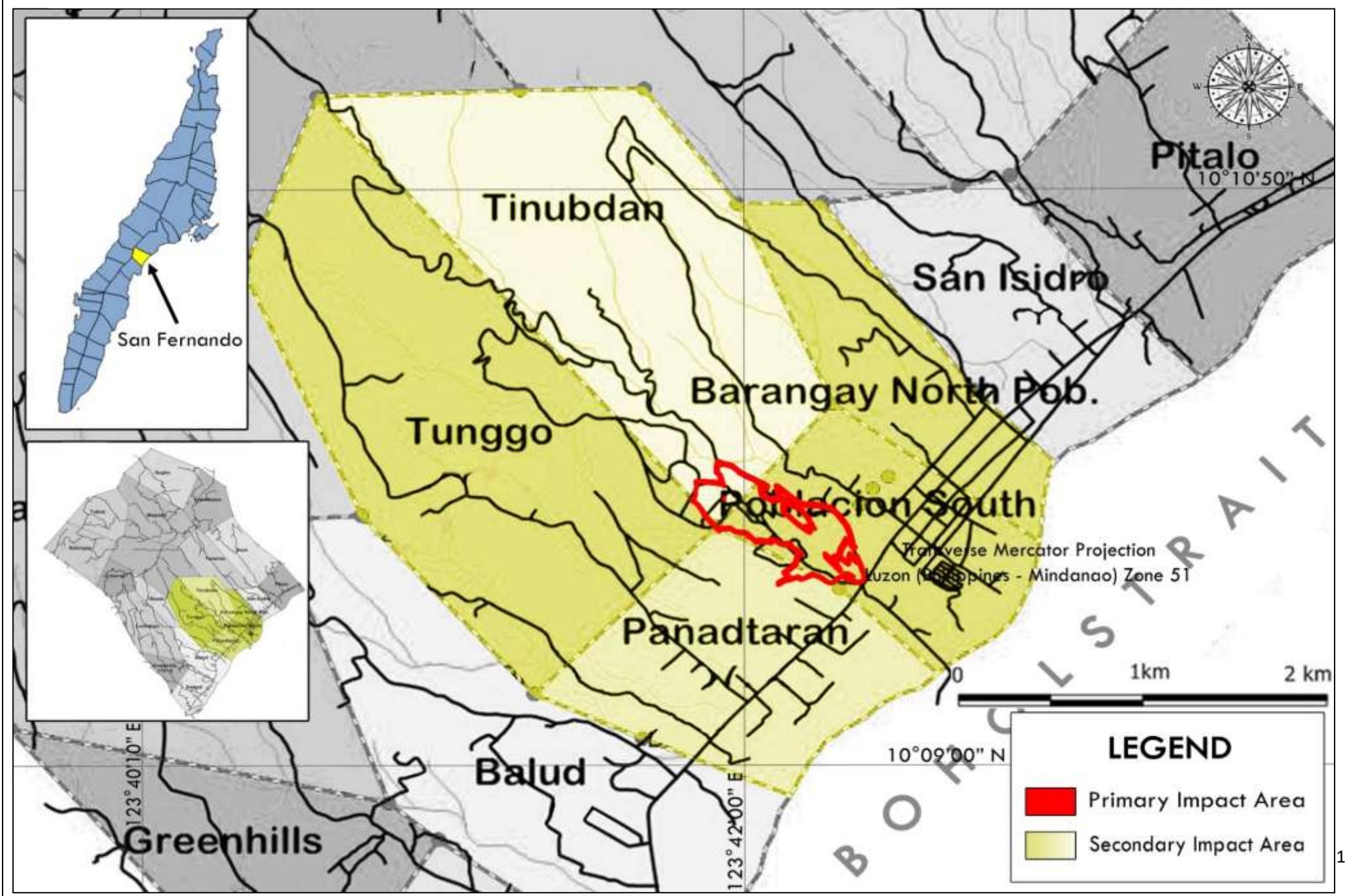
#### PAID UP CAPITAL : PhP 2,183 million, Total Assets as of 12/31/2017 : 4,759 million

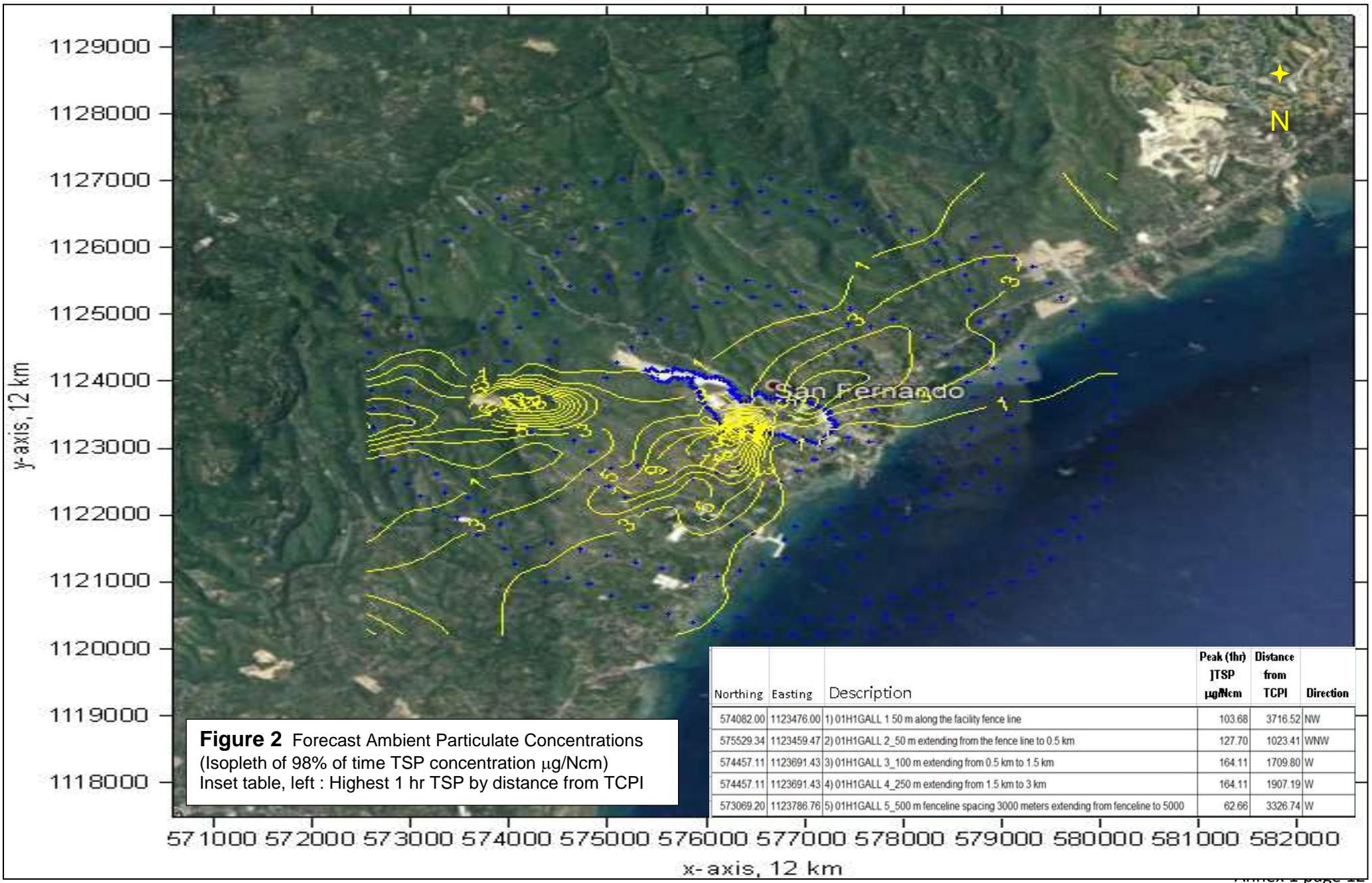
Ang saad sa Proponent, ang teknikal ug pinansyal nga makahimo sa pagpatuman sa gikinahanglan nga mga lakang aron malikayan ang dili maayo nga negatibo nga mga epekto sa proyekto.

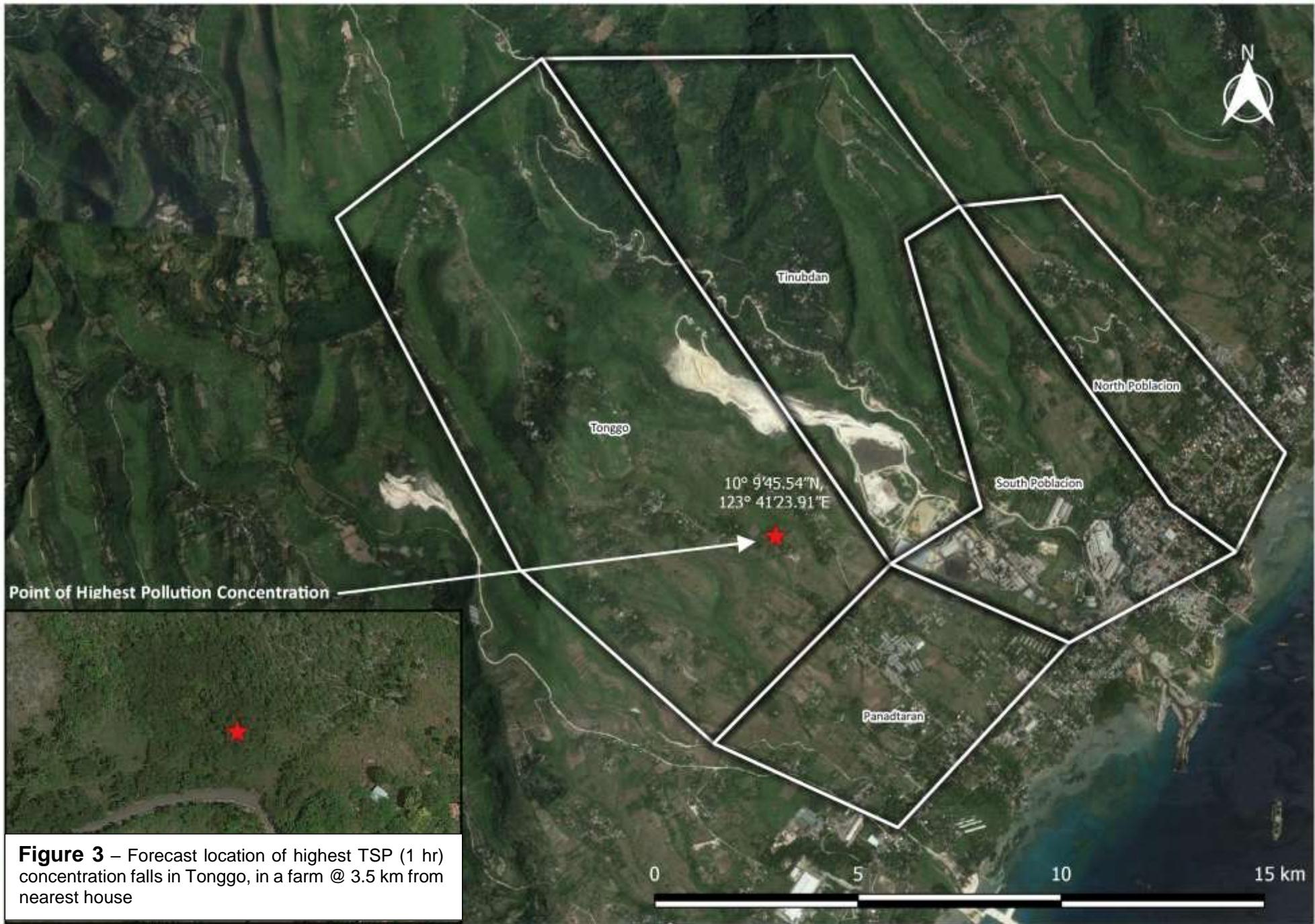
**Impormasyon kung asa makakuha og kopya sa EIS alang sa dugang nga kasayuran:**

Ang usa ka kopya sa Project Environmental Performance Report ug Management Plan mahimong ma basa sa Environmental Impact Assessment and Management Division sa Bureau of Environment and Natural Resources Office sa Visayas Avenue, Diliman, Quezon City gikan December 10, 2018 2018 ug sa Environmental Management Bureau Region VII Office ug sa Municipal Development Coordinating Office sa San Fernando Municipal Government gikan ika-14 sa Disyembre, 2018.

FIGURE 1 MAP OF PROJECT LOCATION AND IMPACT AREAS

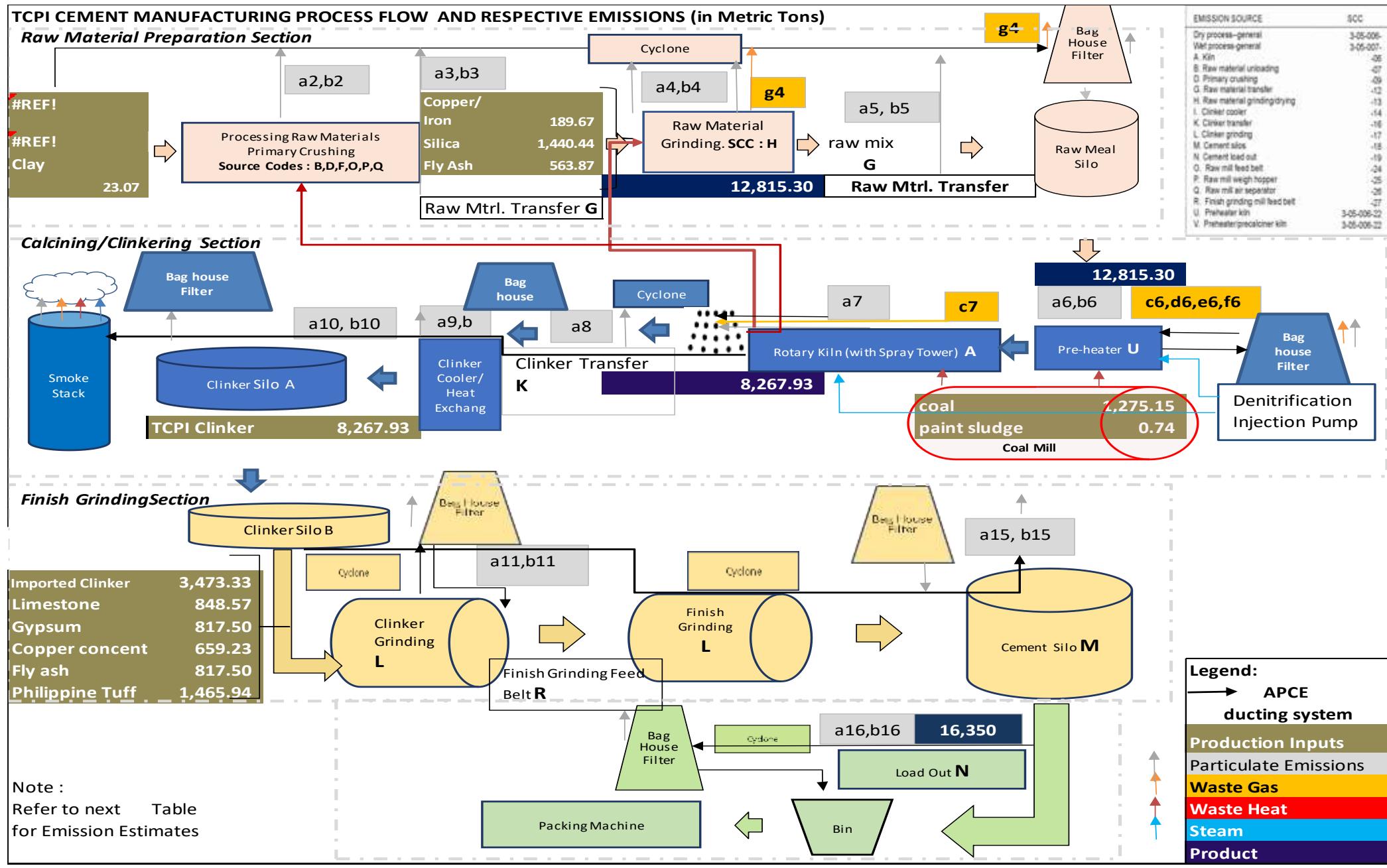






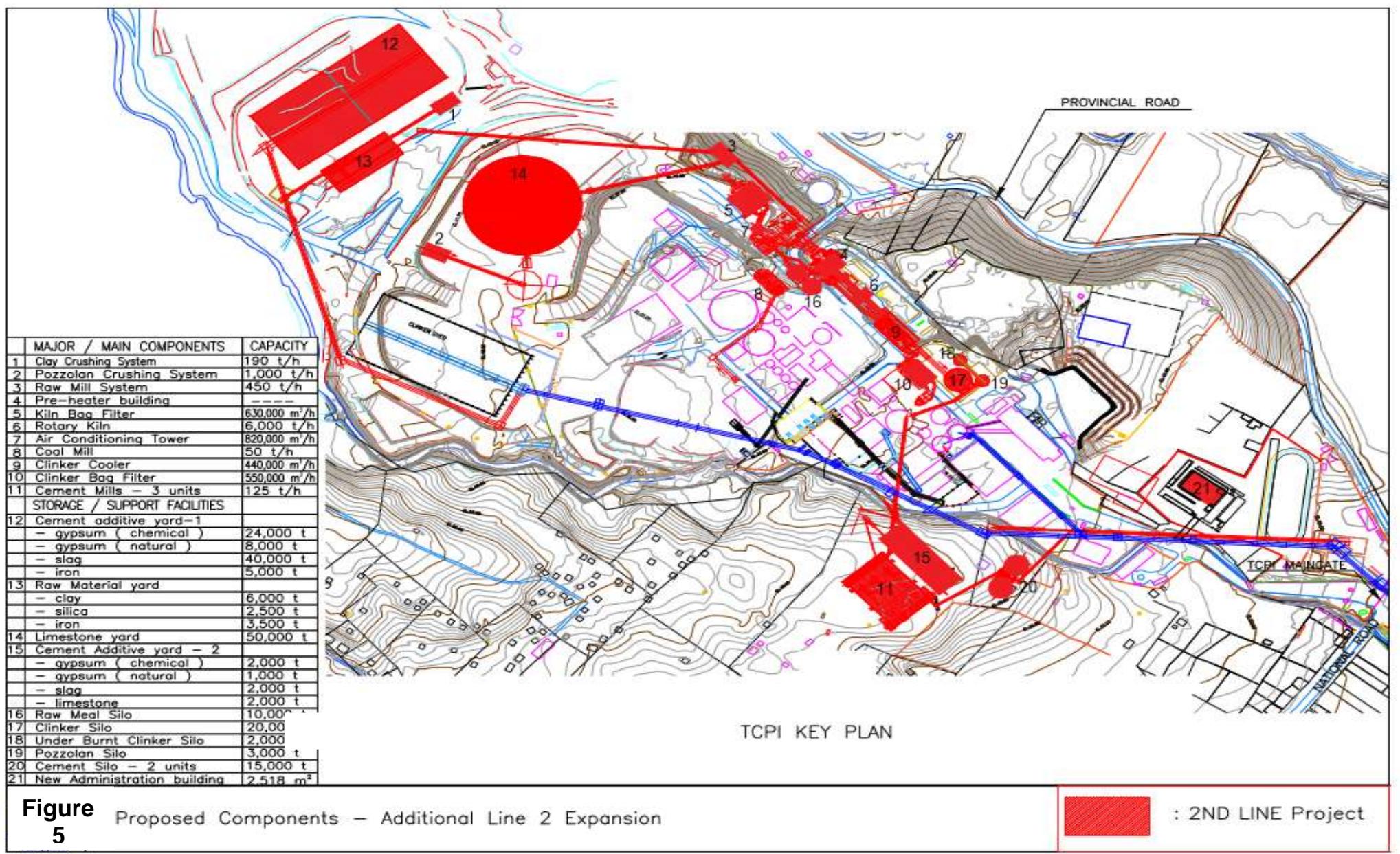
**Figure 3** – Forecast location of highest TSP (1 hr) concentration falls in Tonggo, in a farm @ 3.5 km from nearest house

**Figure 4**



Summary of Emission Inventory (emissions per day in kg/Ncm)

PROCESSES	PM30	PM10	SO2	NO2	CO	CO2	TOC	Moisture
<b>1. Raw Material Preparation</b>								
Raw material Unloading	0.0000	0.0002						
Hammer Crusher	0.0000	0.0005						
Raw Material Grinding	0.0000	0.0027	0.2330				0.2330	
Raw Meal transfer & Conveyor	0.0051	0.0000						
<b>SUB-TOTAL</b>	<b>0.0052</b>	<b>0.0035</b>	<b>0.2330</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.2330</b>	<b>0.00</b>
<b>2. Calcining/ Clinkering</b>								
PreHeater with cooling tower	0.00	0.00	2.91	0.00	0.00	0.00		467.30
Coal Rotary Kiln	0.20		6.41	12.64	8.74			
Clinker Transfer	0.00	0.00						
Clinker Cooler	0.01	0.00						
Clinker Storage	0.00	0.00						
<b>SUB-TOTAL</b>	<b>0.22</b>	<b>0.00</b>	<b>9.32</b>	<b>12.72</b>	<b>8.74</b>	<b>4791.83</b>	<b>0.00</b>	<b>467.30</b>
<b>3. Finish Grinding</b>								
Finish Grinding mill separator	0.00	0.00						
Clinker Grinding	0.20	0.18						
Finish Grinding Feed Belt	0.00	0.00						
Finish Grinding Mill	0.00	0.00						
<b>TOTAL</b>	<b>0.20</b>	<b>0.18</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
<b>4. Packing and Load Out</b>								
Cement Silo	0.07	0.06						
Cement Load out	0.00	0.00						
<b>SUB-TOTAL</b>	<b>0.07</b>	<b>0.06</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
	PM30	PM10	SO2	NO2	CO	CO2	TOC	Moisture
<b>Project Emission</b>	<b>0.50</b>	<b>0.24</b>	<b>9.55</b>	<b>12.72</b>	<b>8.74</b>	<b>4,791.83</b>	<b>0.23</b>	<b>467.30</b>



**Figure 5** Proposed Components – Additional Line 2 Expansion

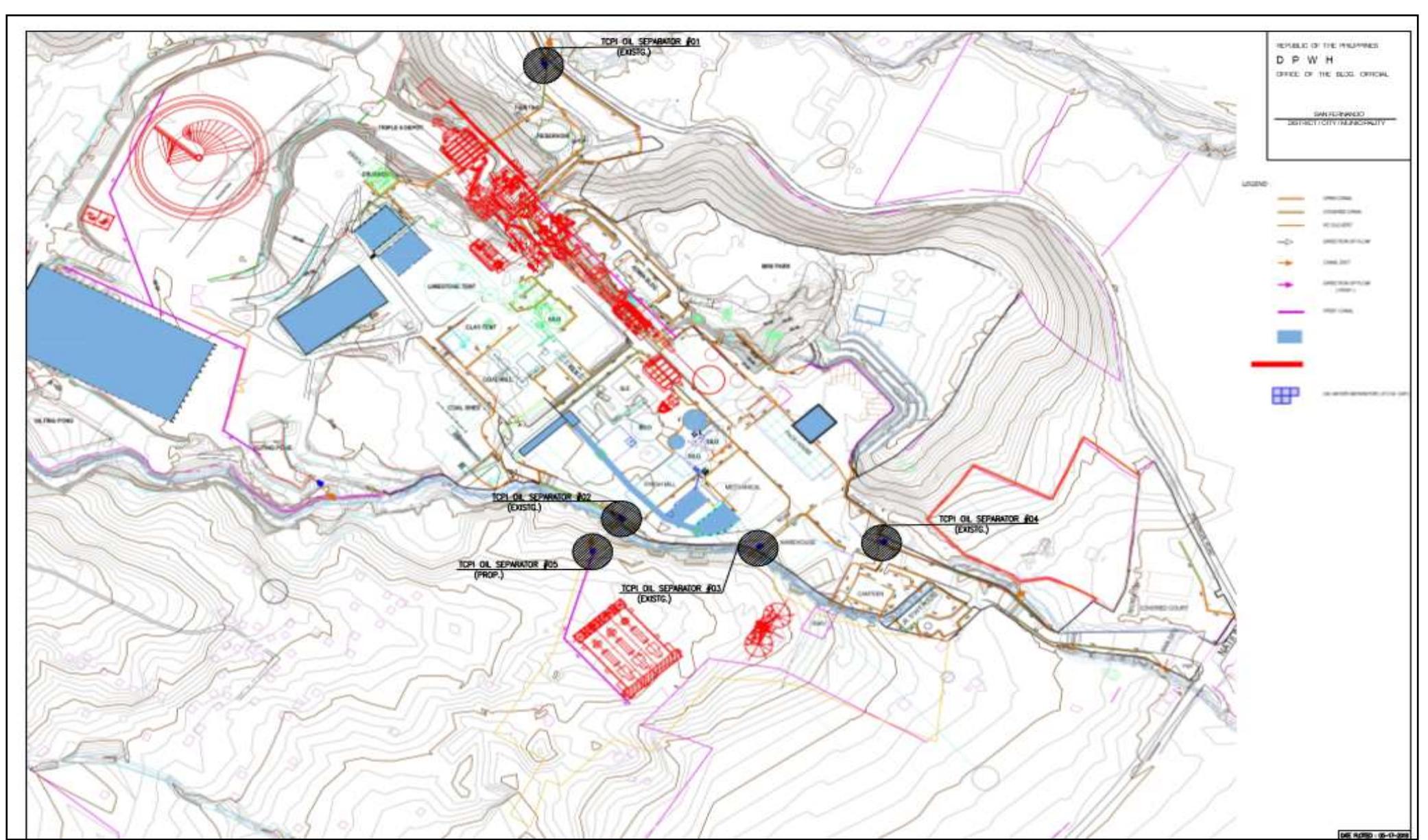


Figure 6 Location of Oil and Water Separator Facilities

## **MGA RISGO ug DILI SIGURADO**

### RISKS and UNCERTAINTIES:

Assumptions:

1. Ang tanan nga impormasyon sa Project nga gihatag sa Proponent alang sa EIA ang magpadayon alang sa pagpatuman, ilabi na ang mga babin, kagamitan, proseso, komposisyon sa feed, klase sa gasolina, pagtukod sa pasilidad ug pamaagi sa pagpatuman, mga pamaagi sa institutional, manpower sourcing, kaluwasan ug emerhensya nga mga polisiya ug pamaagi;
2. Ang Proponent magpadapat o magpatuman sa mga rekomendasyon sa Geotechnical Investigation Report kalabot sa giladmon sa pundasyon alang sa mga istruktura nga adunay mga load;
3. Padayon nga kahimtag sa estado sa mga sumbanan sa hangin, hinoon, ang PAGASA nga impormasyon sa hangin nga mitubo sa maong dapit magpabilin nga pareho. Ang umaabot nga mga sumbanan sa hangin tungod sa pag-usab sa klima wala pa mahilakip sa modelo sa pagputol sa mga pollutants tungod sa kakulang sa igo nga paghisgot sa sumbanan sa hangin karon.

Ang mga Risgo ug mga dili pagduha-duha sa mga babin sa kinaiyahan sa pagpatuman sa proyekto naglakip sa mosunod:

1. Possible nga pagbag-o sa lugar / lugar nga makadawat sa maximum nga usa ka oras nga Ground Level Concentration sa mga air pollutants, nga nasinati sa panahon sa pagpabuto sa tapahan. Sama sa naobserbahan sa resulta sa pagmugna sa Air Dispersion, ang resulta nga mga pollutants nga masinati sa ground level mas ubos kaysa sa ibabaw nga limit nga gitakda sa DENR.
2. Ang mga risgo sa publiko tungod sa kapakyasan sa Air Pollution Control Facility (APCF) wala, tungod kay adunay total nga kawhaan duha (22) ka APCF. Ang sistema adunay auto-shut-off nga magsira sa mga operasyon kung kapin sa usa ka APFC ang dili makahimo sa husto.
3. Ang mga risgo sa panglawas tungod sa polusyon sa abog sa planta - wala, tungod sa 99.97% nga kahusayan sa mga filter sa bag house nga gamiton.
4. Ang mga risgo sa kaluwasan ug integridad sa mga istruktura sa Linya 2 pagaampingan pinaagi sa: a) ang Quality Control sa TCPI tungod kay ang kapildihan una sa ila ug usa ka kompaniya nga adunay mga operasyon sa daghang mga nasud, ang mga inhenyero sa Taiheiyo dili modawat sa mga substandard nga disenyo o pagtukod sa mga importante nga mga pasilidad nga adunay taas nga potensyal nga makahimo sa kadaot sa iyang palibot sa panahon sa kapakyasan.
5. Ang mga risgo sa kapakyasan sa pasilidad sa Waste Water Treatment Facility (WWTF) magdala og gamay nga mga epekto a) tungod kay ang gidaghanon sa basura sa tubig gamay b) ang matag WWTF adunay lima (5) ka mga kamara ug adunay lima (5) ka WWTFs.
6. Ang mga risgo sa kalit nga pagkawalay trabaho gumikan sa kalit nga pagsirado, matagaan ug pagtagad a pagsunod sa Kompanya sa mga palisiya sa Department of Labor and Employment.
7. Ang mga risgo sa Proyekto nga wala magdala sa gusto nga epekto sa Social Development ang madumala sa komunidad nga nakadawat. Ang Proponent andam ug andam nga motabang apan nagkinahanglan nga ang mga Nagtabang makatabang sa ilang mga kaugalingon sa pagkab-ot sa ilang mga damgo ug pangandoy.

## **ANNEX 2 Publication of Notice of Public Hearing in Newspaper of National Circulation**





Republic of the Philippines  
Department of Environment and Natural Resources  
**ENVIRONMENTAL MANAGEMENT BUREAU**  
DENR Compound, Visayas Avenue, Diliman Quezon City 1116  
Telephone Nos.: (632) 927-15-17, 928-37-25; Fax No.: (632) 920-22-58  
Website: <http://www.emb.gov.ph> Email: [mail@emb.gov.ph](mailto:mail@emb.gov.ph)

## **NOTICE OF PUBLIC HEARING**

On the **ENVIRONMENTAL PERFORMANCE REPORT AND MANAGEMENT PLAN (EPRMP)** of the proposed **CEMENT PLANT EXPANSION PROJECT** of **TAIHEIYO CEMENT PHILIPPINES, INC. (TCPI)** located in **BARANGAY SOUTH POBLACION, SAN FERNANDO, CEBU**.

Notice is hereby given to all parties who wish to give their opinion regarding the implementation of the proposed **CEMENT PLANT EXPANSION PROJECT** to attend a Public Hearing on **17 JANUARY 2019 (THURSDAY)** at **9:00 AM (registration starts at 8:00 am)** to be held in **DKNS MAESTRO'S RESTOBAR AND RESORT, KALUBIHAN 1, NORTH POBLACION, SAN FERNANDO, CEBU**.

The Public Hearing is being conducted in connection with the review of the EPRMP of the aforementioned project by the Environmental Management Bureau (EMB) of the Department of Environment and Natural Resources (DENR).

TCPI aims to contribute to the increase of Philippine cement production capacity due to the large gap in domestic cement supply and demand to accelerate national economic development. The proposed project will save Philippine foreign exchange currency from the purchase of imported clinker and cement with uneven performance quality while generating employment and revenues for local and the national government from income and excise taxes. During implementation, the project will bring economic opportunities for domestic service contractors and suppliers, primarily from San Fernando and Cebu. The project's social benefits include supplemental Social Development Projects identified by the local impact community as necessary for them to attain their development goals in health, education, livelihood and safety.

The key information about the project are as follows:

<b>Project name</b>	Cement Plant Expansion Project
<b>Project location</b>	Barangay South Poblacion, San Fernando, Cebu
<b>Project size</b>	5,313,750 MT/year cement production
<b>Project description</b>	Non-metallic mineral processing plant
<b>Components</b>	<ul style="list-style-type: none"><li>• Limestone crusher</li><li>• Clay crushing system</li><li>• Pozzolan crushing system</li><li>• Raw mill system</li><li>• Rotary kiln</li><li>• Air conditioning tower</li><li>• Noise abatement facilities</li><li>• Coal mill</li><li>• Clinker cooler</li><li>• Cement mills</li><li>• Packaging machine</li><li>• Air pollution control devices</li><li>• Storage facilities</li><li>• Cooling Pond</li></ul>

All interested parties who wish to attend or participate in this Public Hearing should preferably confirm their attendance/participation and may give their opinion(s) in a concise position paper to the **ENVIRONMENTAL IMPACT ASSESSMENT AND MANAGEMENT DIVISION (EIAMD)** of this Office through mail or through email at [eiamd.emb.co@gmail.com](mailto:eiamd.emb.co@gmail.com), three (3) days before the Public Hearing schedule. Those who will not be able to register or submit written positions may be given the opportunity to share their issues on the day of the hearing itself.

The project's EPRMP and Executive Summary for the Public (ESP) are downloadable at our website: [www.eia.emb.gov.ph](http://www.eia.emb.gov.ph) (*kindly access the Notice of Public Hearing/Consultation link found in our website*) while printed copies will be available in this Office and in the following offices:

- 1) **EMB Region VII**  
Office Address: Greenplains Subdivision, Banilad, Mandaue City, Cebu  
Telephone No.: (032)346-1647)
- 2) **Municipal Planning and Development Office (CPDO)**  
Municipality of San Fernando, Province of Cebu

For more details, please contact EIAMD Division of this Office at telephone number (02) 920-2240 to 41 and look for the project case handlers Engr. Marivic Yao and Engr. Carlo Vic Arida.

*Protect the environment... Protect life...*



Republic of the Philippines  
Department of Environment and Natural Resources  
**ENVIRONMENTAL MANAGEMENT BUREAU**

DENR Compound, Visayas Avenue, Diliman Quezon City 1116  
Telephone Nos.: (632) 927-15-17, 928-37-25; Fax No.: (632) 920-22-58  
Website: <http://www.emb.gov.ph/> Email: [mail@emb.gov.ph](mailto:mail@emb.gov.ph)

## **NOTICE OF PUBLIC HEARING**

On the ENVIRONMENTAL PERFORMANCE REPORT AND MANAGEMENT PLAN (EPRMP) of the proposed CEMENT PLANT EXPANSION PROJECT of TAIHEIYO CEMENT PHILIPPINES, INC. (TCPI) located in BARANGAY SOUTH POBLACION, SAN FERNANDO, CEBU.

Notice is hereby given to all parties who wish to give their opinion regarding the implementation of the proposed CEMENT PLANT EXPANSION PROJECT to attend a Public Hearing on **17 JANUARY 2019 (THURSDAY)** at 9:00 AM (registration starts at 8:00 am) to be held in **DKNS MAESTRO'S RESTOBAR AND RESORT, KALUBIHAN 1, NORTH POBLACION, SAN FERNANDO, CEBU**.

The Public Hearing is being conducted in connection with the review of the EPRMP of the aforementioned project by the Environmental Management Bureau (EMB) of the Department of Environment and Natural Resources (DENR).

TCPI aims to contribute to the increase of Philippine cement production capacity due to the large gap in domestic cement supply and demand to accelerate national economic development. The proposed project will save Philippine foreign exchange currency from the purchase of imported clinker and cement with uneven performance quality while generating employment and revenues for local and the national government from income and excise taxes. During implementation, the project will bring economic opportunities for domestic service contractors and suppliers, primarily from San Fernando and Cebu. The project's social benefits include supplemental Social Development Projects identified by the local impact community as necessary for them to attain their development goals in health, education, livelihood and safety.

The key information about the project are as follows:

<b>Project name</b>	Cement Plant Expansion Project
<b>Project location</b>	Barangay South Poblacion, San Fernando, Cebu
<b>Project size</b>	5,313,750 MT/year cement production
<b>Project description</b>	Non-metallic mineral processing plant
<b>Components</b>	<ul style="list-style-type: none"><li>• Limestone crusher</li><li>• Clay crushing system</li><li>• Pozzolan crushing system</li><li>• Raw mill system</li><li>• Rotary kiln</li><li>• Air conditioning tower</li><li>• Noise abatement facilities</li><li>• Coal mill</li><li>• Clinker cooler</li><li>• Cement mills</li><li>• Packaging machine</li><li>• Air pollution control devices</li><li>• Storage facilities</li><li>• Cooling Pond</li></ul>

All interested parties who wish to attend or participate in this Public Hearing should preferably confirm their attendance/participation and may give their opinion(s) in a concise position paper to the **ENVIRONMENTAL IMPACT ASSESSMENT AND MANAGEMENT DIVISION (EIAMD)** of this Office through mail or through email at [eiamd.emb.co@gmail.com](mailto:eiamd.emb.co@gmail.com), three (3) days before the Public Hearing schedule. Those who will not be able to register or submit written positions may be given the opportunity to share their issues on the day of the hearing itself.

The project's EPRMP and Executive Summary for the Public (ESP) are downloadable at our website: [www.eia.emb.gov.ph](http://www.eia.emb.gov.ph) (kindly access the Notice of Public Hearing/Consultation link found in our website) while printed copies will be available in this Office and in the following offices:

- 1) **EMB Region VII**  
Office Address: Greenplains Subdivision, Banilad, Mandaue City, Cebu  
Telephone No.: (032)346-1647
- 2) **Municipal Planning and Development Office (CPDO)**  
Municipality of San Fernando, Province of Cebu

For more details, please contact EIAMD Division of this Office at telephone number (02) 920-2240 to 41 and look for the project case handlers Engr. Marivic Yao and Engr. Carlo Vic Arida.

*Protect the environment... Protect life...*

# Business

MANILA BULLETIN  
THE NATION'S LEADING NEWSPAPER

Class:  
PSE Q  
**BSP Referendum**

Editor: LORET  
Asst. Editor: BERNIE CAHILL

E1 • Wednesday, January 2, 2019

E-mail: business@mb.com.ph

## News In Brief

### P/S rate stands at P52.58/\$1



The peso exchange rate stands at P52.58 on December 28, the last trading day of 2018. The weighted average rate stands at P52.563. Financial markets were closed on Monday and Tuesday, Dec. 31 and Jan. 1, for New Year holidays. Trading will resume today.

### BSP reports property prices up 4.4% in Q3 2018

The central bank said residential property prices went up by 4.4 percent year-on-year in the third quarter of 2018 with townhouses leading the increase. The Bangko Sentral ng Pilipinas' (BSP) Residential Real Estate Price Index (RREPI) increased to 116.5 as of end September from 111.6 same time in 2017. Prices of townhouses rose by 18.3 percent while condominium units and single detached housing units increased by 5.8 percent and 0.2 percent, respectively. The RREPI, which was based on banks' housing loans, measures the average change in prices of various types of housing units comprising of single detached house, duplex, townhouse, and condominium unit. "It provides a valuable tool in assessing the real estate and credit market condition in the country," said the BSP. Prices of duplex units which the BSP said is 0.76 percent of total new housing units reported, grew by 30.7 percent year-on-year. On a quarterly basis, RREPI dipped by 0.6 percent, according to the BSP. In a statement, the BSP said the average residential property prices in both National Capital Region (NCR) and in areas outside of the NCR grew by 6.8 percent and 2.2 percent year-on-year, respectively. "In NCR, price increases were observed across all types of housing units. Meanwhile, the growth in prices of townhouses, duplex housing units, and condominium units outweighed the slight decline in prices of single detached houses in areas outside of the NCA," said the BSP. The BSP said that for the third quarter period, about 71 percent of residential real estate loans (RRELs) were for the acquisition of new housing units. (LCC)

### 'Big 3' oil firms sustain market leadership

The traditionally dominating oil companies in the country – collectively known as the "Big 3" – had maintained their market leadership, according to a recent report by the Department of Energy. Petron Corporation wears the crown as the industry leader with overall market share of 27.08 percent in the first half report of the energy department. It was followed by Shell with 18.50 percent pie in the market share. Chevron with 7.02 percent and Esso with 6.40 percent.



Republic of  
Department of Environment  
**ENVIRONMENTAL MANAGEMENT BUREAU**  
DENR Compound, Visayas Avenue,  
Telephone Nos.: (632) 927-15-17  
Website: <http://www.emb.gov.ph>

### NOTICE OF PUBLIC HEARING

On the ENVIRONMENTAL PERFORMANCE REPORTING (EPR) FOR THE CEMENT PLANT EXPANSION PROJECT of TAIHAN INDUSTRIES INCORPORATED, BARANGAY SOUTH POBLACION, SAN FERNANDO, LA UNION

Notice is hereby given to all parties who wish to give their input to the CEMENT PLANT EXPANSION PROJECT to attend a Public Hearing on January 11, 2019, at 9:00 AM (registration starts at 8:00 am) to be held at the KALUBIHAN 1, NORTH POBLACION, SAN FERNANDO, LA UNION.

The Public Hearing is being conducted in connection with the Environmental Performance Report (EPR) of the project by the Environmental Management Bureau (EMB) of the Department of Environment and Natural Resources (DENR).

The Public Hearing aims to contribute to the increase of Philippine cement supply and demand to accelerate national economic development, generate foreign exchange currency from the production of cement, improve environmental performance quality while generating employment and income through the payment of environmental taxes. During implementation, the project will hire local service contractors and suppliers, primarily from San Fernando, La Union. The project will also implement supplemental Social Development Projects identified to attain their development goals in health, education, livelihood, and environment.

The key information about the project are as follows:

Project name	Cement Plant Expansion Project
Project location	Barangay South Poblacion, San Fernando, La Union
Project size	5,313,750 MT/year
Project description	Non-metallic mineral processing plant
Components	<ul style="list-style-type: none"><li>• Limestone crushing</li><li>• Clay crushing</li><li>• Pozzolan crushing</li><li>• Raw mill system</li><li>• Rotary kiln</li><li>• Air conditioning</li><li>• Noise abatement</li></ul>

All interested parties who wish to attend or participate in the Public Hearing may do so by giving their attendance/participation and may give their opinion(s) to the Project Manager, Mr. J. M. Sison, at the IMPACT ASSESSMENT AND MANAGEMENT DIVISION, EIAMD, EMB, at [elamd.emb.co@gmail.com](mailto:elamd.emb.co@gmail.com), three (3) days before the hearing.

553 No. 02 ★★

<http://www.mb.com.ph>

WEDNESDAY, JANUARY 2, 2019 • 4 SECTIONS

IN METRO MANILA P18.00

THE EXONENT OF PHILIPPINE PROGRESS  
SINCE 1900  
**MANILA BULLETIN**  
THE NATION'S LEADING NEWSPAPER

VOL. 553 No. 09 ★★★

<http://www.mb.com.ph>

WEDNESDAY, JANUARY 9, 2019 • 4 SECTIONS

IN METRO MANILA P18.00



**THE EXPONENT OF  
PHILIPPINE PROGRESS SINCE 1900**

**MANILA BULLETIN**  
**THE NATION'S LEADING NEWSPAPER**

**THE POWER OF FAITH** – Thousands of Black Nazarene devotees line up for a precious moment to kiss the foot of the image (below) at the Quirino Grandstand in Rizal Park, Manila Tuesday. (All Vicoy and Czar Dancel)

## 'Traslacion', a reminder of our 'walks' in this life - bishop

By CHRISTINA I. HERMOSO

**MATCH STORY'S ONLINE VIDEO**  
INSTAGRAM:  
1. Save or copy data of Wi-Fi, Instagram and connect to the internet; 2. Scan the QR code.



**IMPORTANT REMARKS:**  
Your mobile phone should have an Internet access and an installed QR code reader.

As throngs of devotees prepare to join the grand Traslacion procession of the revered Black Nazarene from the Quirino Grandstand back to Quiapo Church early Wednesday morning, a Roman Catholic Church leader said the Traslacion is "a reminder of our walks in this life."

"We must think of our own traslacion, our 'walks' here on earth to our home in Heaven with the Father. We walk towards Him, and like the traslacion, we don't walk alone. We bring and lead others to God. We walk with one another, side by side. We don't leave anyone," said Balanga ►4



# Pass 2019 budget



Republic of the Philippines  
 Department of Environment and Natural Resources  
**ENVIRONMENTAL MANAGEMENT BUREAU**  
 DENR Compound, Visayas Avenue, Diliman Quezon City 1116  
 Telephone Nos.: (632) 927-15-17, 928-37-25; Fax No.: (632) 920-22-58  
 Website: <http://www.emb.gov.ph/> Email: [mail@emb.gov.ph](mailto:mail@emb.gov.ph)

## NOTICE OF PUBLIC HEARING

On the **ENVIRONMENTAL PERFORMANCE REPORT AND MANAGEMENT PLAN (EPRMP)** of the proposed **CEMENT PLANT EXPANSION PROJECT** of **TAIHEIYO CEMENT PHILIPPINES, INC. (TCPI)** located in **BARANGAY SOUTH POBLACION, SAN FERNANDO, CEBU**.

Notice is hereby given to all parties who wish to give their opinion regarding the implementation of the proposed **CEMENT PLANT EXPANSION PROJECT** to attend a Public Hearing on **17 JANUARY 2019 (THURSDAY)** at **9:00 AM (registration starts at 8:00 am)** to be held in **DKNS MAESTRO'S RESTOBAR AND RESORT, KALUBIHAN 1, NORTH POBLACION, SAN FERNANDO, CEBU**.

The Public Hearing is being conducted in connection with the review of the EPRMP of the aforementioned project by the Environmental Management Bureau (EMB) of the Department of Environment and Natural Resources (DENR).

TCPI aims to contribute to the increase of Philippine cement production capacity due to the large gap in domestic cement supply and demand to accelerate national economic development. The proposed project will save Philippine foreign exchange currency from the purchase of imported clinker and cement with uneven performance quality while generating employment and revenues for local and the national government from income and excise taxes. During implementation, the project will bring economic opportunities for domestic service contractors and suppliers, primarily from San Fernando and Cebu. The project's social benefits include supplemental Social Development Projects identified by the local impact community as necessary for them to attain their development goals in health, education, livelihood and safety.

The key information about the project are as follows:

<b>Project name</b>	Cement Plant Expansion Project	
<b>Project location</b>	Barangay South Poblacion, San Fernando, Cebu	
<b>Project size</b>	5,313,750 MT/year cement production	
<b>Project description</b>	Non-metallic mineral processing plant	
<b>Components</b>	<ul style="list-style-type: none"> <li>• Limestone crusher</li> <li>• Clay crushing system</li> <li>• Pozzolan crushing system</li> <li>• Raw mill system</li> <li>• Rotary kiln</li> <li>• Air conditioning tower</li> <li>• Noise abatement facilities</li> <li>• Coal mill</li> <li>• Clinker cooler</li> <li>• Cement mills</li> <li>• Packaging machine</li> <li>• Air pollution control devices</li> <li>• Storage facilities</li> <li>• Cooling Pond</li> </ul>	

All interested parties who wish to attend or participate in this Public Hearing should preferably confirm their attendance/participation and may give their opinion(s) in a concise position paper to the **ENVIRONMENTAL IMPACT ASSESSMENT AND MANAGEMENT DIVISION (EIAMD)** of this Office through mail or through email at [eiamd.emb.co@gmail.com](mailto:eiamd.emb.co@gmail.com), three (3) days before the Public Hearing schedule. Those who will not be able to register or submit written positions may be given the opportunity to share their issues on the day of the hearing itself.

The project's EPRMP and Executive Summary for the Public (ESP) are downloadable at our website: [www.eia.emb.gov.ph](http://www.eia.emb.gov.ph) (kindly access the Notice of Public Hearing/Consultation link found in our website) while printed copies will be available in this Office and in the following offices:

- 1) **EMB Region VII**  
Office Address: Greenplains Subdivision, Banilad, Mandaue City, Cebu  
Telephone No.: (032)346-1647)
- 2) **Municipal Planning and Development Office (CPDO)**  
Municipality of San Fernando, Province of Cebu

For more details, please contact EIAM Division of this Office at telephone number (02) 920-2240 to 41 and look for the project case handlers **Engr. Marivic Yao** and **Engr. Carlo Vic Arida**.

# AFFIDAVIT OF PUBLICATION

REPUBLIC OF THE PHILIPPINES ) S.S.  
CITY OF MANILA

I, ARSENIO EMMANUEL ORTEGA CABRERA, of legal age  
and a resident of Quezon City, after being duly sworn in accordance with law,  
depose and say :

That I am the Vice President - Advertising Department of the  
**MANILA BULLETIN**, a newspaper of general and national circulation in the  
Philippines, printed and published in the City of Manila, Philippines by  
Manila Bulletin Publishing Corporation.

That an Advertisement re: **NOTICE OF PUBLIC HEARING**  
**issued by the Environmental Management Bureau of the Department of**  
**Environment and Natural Resources, on the Environmental Performance**  
**Report and Management Plan (EPRMP) of the Proposed Cement Plant**  
**Expansion Project of TAIHEIYO CEMENT PHILIPPINES, INC. (TCPI),**  
**Located in Barangay South Poblacion, San Fernando, Cebu.**  
**(See advertisement for complete details.)**

a printed copy of which is attached, was published in the said  
newspaper on January 2 and 9, 2019.

FURTHER, affiant sayeth not.

  
\_\_\_\_\_  
ARSENIO EMMANUEL O. CABRERA

SUBSCRIBED AND SWORN to before me this 22nd day of  
January, 2019 at the City of Manila, Philippines, affiant exhibiting to me his  
UMID NO. CRN 0003-7027468-9.

  
\_\_\_\_\_  
DYLAN I. FELICIDARIO  
Notary Public Until December 31, 2019  
Notarial Commission No. 2018-007  
Roll No. 43016  
PTR No. 8023133/01-03-19/Manila  
MCLE Compliance No. V-0014949  
IBP Nos. 017683 (2018) & 017684 (2019)/11-27-17  
Manila Bulletin Bldg., Intramuros, Manila

Doc. No.  
Page No.  
Book No.  
Series of:

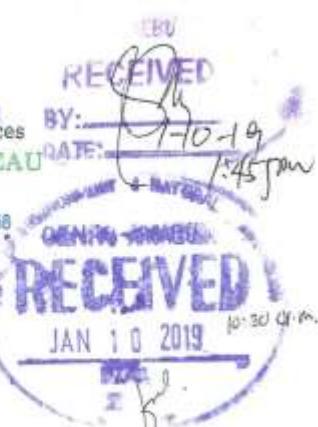
243  
50  
169  
2019

## **ANNEX 3 Receiving Copies of Invitation Letters to Project Stakeholders**





Republic of the Philippines  
Department of Environment and Natural Resources  
**ENVIRONMENTAL MANAGEMENT BUREAU**  
DENR Compound, Visayas Avenue, Diliman Quezon City 1116  
Telephone Nos.: (632) 927-1517, 928-3725; Fax No.: (632) 920-2258  
Website: <http://www.amb.gov.ph>



**MEMORANDUM**

**FOR :** THE REGIONAL EXECUTIVE DIRECTOR  
EMB Region VII

DENR – PENRO  
Province of Cebu

DENR – CENRO  
Municipality of Argao, Province of Cebu

**FROM :** THE CHIEF  
Environmental Impact Assessment and Management Division

**SUBJECT :** PUBLIC HEARING OF THE PROPOSED CEMENT PLANT  
EXPANSION PROJECT OF TCPI IN SAN FERNANDO, CEBU

**DATE :** JAN 07 2019

In line with the Environmental Compliance Certificate (ECC) application of Taiheyo Cement Philippines, Inc. (TCPI) for the proposed Cement Plant Expansion Project in San Fernando Cebu, we would like to invite you to attend the project's Public Hearing scheduled on 17 January 2019 (Thursday). The said hearing will be held at 9:00 AM (registration starts at 8:00 AM) in DKNS Maestro's Restobar and Resort, Kalubihan 1, North Poblacion, San Fernando Cebu.

The following documents are downloadable at [www.eia.emb.gov.ph](http://www.eia.emb.gov.ph) for your reference:

1. Notice of Public Hearing;
2. Environmental Performance Report and Management Plan; and
3. Executive Summary for the Public in English and Bisaya versions.

For the confirmation of your attendance, kindly coordinate with Engr. Marivic Yao and Engr. Carlo Vic Arida at telephone numbers (02) 920-2240 to 41.

Thank you very much.

  
ENGR. ESPERANZA A. SAJUL

*Protect the environment... Protect life...*



PUBLIC HEARING FOR ECC AMMENDMENT  
 JANUARY 17, 2019 (8:00AM-1:30PM)  
 DKNS MAESTRO RESTOBAR and RESORT, BARANGAY NORTH POBLACION

ADDRESSEE		LGU/SECTOR/AGENCY/ OFFICE	POSITION	RECEIVED BY: NAME/SIGNATURE	CELL PHONE NUMBER	CONFIRMATION OF ATTENDANCE (Y/N)
1	Hon. Lakambini Reluya	Municipality of San Fernando	Mayor	RHEA V. CHAGIS / 01-09-19	09296581253	09936
2	Hon. Fralz Sabalones	Municipality of San Fernando	Vice-Mayor	PADIL SO. DUCILLE / 01-09-19	09778122080	
3	Hon. Ricardo Y. Reluya Jr.	Panadtaran	Barangay Captain	RHEA V. CHAGIS / 01-09-19	09296581253	yes
4	Hon. Dioscoro A. Pacquiaio	Tinubdan	Barangay Captain	ELISA L. SASIL / 01-09-19	09105998630	yes
5	Hon. Teofanes O. Aldepulla	North Poblacion	Barangay Captain	Unkown Anecita P. Dapitanre 1-09-19	09152776002	yes
6	Hon. Dioscoro A. Esbra	South Poblacion	Barangay Captain	BY MR. PEOR BALINTAN / 01-09-19	2668749	yes
7	Hon. Virgilio P. Siarot	Tonggo	Barangay Captain	BY: JANICE M. GUIA	09277969045	yes
8	Engr. Shelley Rias	Municipal Planning and Development Office	Municipal Planning and Development Officer	SB Rias	09778028550	yes
9	Mrs. Vilma Abella	Barangay Tinubdan	Barangay Health Worker (BHW)	ELISA L-SASIL / 01-09-19	09105998630	yes
10	Mrs. Maricel Redoble	Barangay Panadtaran	Barungay Health Worker (BHW)	by: Maricel T. Patagonor		yes
11	Mrs. Marissa Tubalado	Barangay South Poblacion	Barungay Health Worker (BHW)	by: Lucia Generales	09234645209	yes
12	Mrs. Jasmin Saramosing	Barangay Panadtaran	Barungay Health Worker (BHW)	BY: JANICE GUIA		yes

Hon. Pat Esbra  
 Hon. Jojo Villaseca  
 Entiquianao  
 Joy Saducas

ADDRESSEE		LGU/SECTOR/AGENCY/ OFFICE	POSITION	RECEIVED BY: NAME/SIGNATURE	CELL PHONE NUMBER	CONFIRMATION OF ATTENDANCE (Y/N)
13	Mrs. Vilma Paradero	Barangay North Poblacion	Health Sector Officer	by: <i>Anecita P. Delapaz</i>		YES
14	Ms. Estella Omaque	Barangay Panadtaran	Womens Organization Club	by: <i>M. Patagana</i>		YES
15	Mrs. Lucia Generalao	Barangay South Poblacion	Barangay Community Organizer (BCO)	<i>Jugao</i>	09234665209	YES
16	Mrs. Janice Guia	Barangay Tonggo	Barangay Community Organizer (BCO)	<i>Jinggu</i> JANICE AND GUIA	09277969045	YES
17	Mrs. Elisa Sasil	Barangay Tinubdan	Barangay Community Organizer (BCO)	<i>Elisa L. Sasil</i>	09105998630	YES
18	Mrs. Elsa Basanal	Barangay Panadtaran	Barangay Community Organizer (BCO)	by: <i>Elsa Basanal</i>		yes
19	Mrs. Magdalena Bation	Barangay North Poblacion	Barangay Community Organizer (BCO)	by: <i>Anecita P. Delapaz</i>	7	Yes
20	Mr. Rolando C. Villariasa	San Fernando TESDA	Officer	<i>Rolando C. Villariasa</i>	4889035 09224070931	YES
21	Mr. Roland Villafuerte	North Poblacion Fishermen's Association	President	by: <i>Necito P. Delapaz</i>		Yes
22	Mr. Pedro Suico	Hunit Farmers Association - Sitio Suico, Brgy. Tonggo	President	<i>Pedro Suico</i> BY JANICE GUIA		YES
23	Ms. Imelda Sagang	Notre Dame Academy	Principal	<i>IMELDA E. SAGANG</i>	09153787227	
24	Mrs. Persa Vargas	San Fernando Parish Pastoral Council	Officer/Staff	<i>Persa Vargas</i>	09424594671	
25	Dr. Lowella C. Capangpangan	San Fernando National High School	Principal	<i>LOWELLA C. CAPANGPANGAN</i>	09425665994	Yes / Yes
26	Mrs. Ursula O Villaver	South Poblacion Elementary School	Principal	<i>Ursula O. Villaver</i>	09436917827	YES
27	Mr. Necito T. Gador	San Fernando Central Elementary School	Principal	<i>Necito T. Gador</i>	09152890957	
28	Mr. Mark Saramosing	San Fernando Basketball Association	President	<i>Mark Saramosing</i>	09277446853	YES

Mrs. Michelle  
Deganon

/ Blank

7 09159064431

ADDRESSEE		LGU/SECTOR/AGENCY/ OFFICE	POSITION	RECEIVED BY: NAME/SIGNATURE	CELL PHONE NUMBER	CONFIRMATION OF ATTENDANCE (Y/N)
29	Mr. Nelson Soronio	Municipal Department of Agriculture	Municipal Agriculturist	by Evelyn G. Durandean	09425172676 09233511411	
NO.	RESIDENTS	PRIMARY AND SECONDARY IMPACT BARANGAYS				
<i>Barangay South Poblacion</i>						
33	Mrs. Mercedita Lapuente	South Poblacion	Resident			YES
34	Mrs. Mary Ana Bonaga	South Poblacion	Resident	Lucia Generalan		YES
35	Mrs. Sofronio Afieche	South Poblacion	Resident			yes
36	Mr. Angelo Calson	South Poblacion	Resident			yes
37	Mr. Cresencio Calson	South Poblacion	Resident			yes
<i>Barangay Panadtaran</i>						
38	Mrs. Lagrimas Quimino	Panadtaran	Resident	by: MT. Patagon		yes
39	Mrs. Myrna Suico	Panadtaran	Resident	Patagon		yes
40	Mrs. Rita <sup>Cornelio</sup> Suico	Panadtaran	Resident	Patagon		yes
41	Mrs. Eva de Asis	Panadtaran	Resident	Patagon		yes

ADDRESSEE		LGU/SECTOR/AGENCY/ OFFICE	POSITION	RECEIVED BY: NAME/SIGNATURE	CELL PHONE NUMBER	CONFIRMATION OF ATTENDANCE (Y/N)
42	Mrs. Dionesia Carabao	Panadtaran	Resident	O. Blazaga		yes
Barangay Tonggo						
43	Mrs. Osias Alburo	Tonggo	Resident	JANICE M. GUIA <i>Jingguil</i>		yes
44	Mrs. Mary Chris Cabria	Tonggo	Resident	JANICE M. GUIA <i>Jingguil</i>		yes
45	Mrs. Jocelyn Olrial	Tonggo	Resident	JANICE M. GUIA <i>Jingguil</i>		yes
46	Mrs. Virginia Tecson	Tonggo	Resident	JANICE M. GUIA <i>Jingguil</i>		yes
47	Mrs. Gina Tonggo	Tonggo	Resident	JANICE M. GUIA <i>Jingguil</i>		yes
Barangay North Poblacion						
48	Mrs. Maria Lorena Baler	North Poblacion	Resident	Magdalena S. Butian <i>Magdi</i>		yes
49	Mrs. Arlene Generalao	North Poblacion	Resident	Magdalena S. Butian <i>Magdi</i>		yes
Barangay Timubdan						
50	Mrs. Sabastiana Sasic	Timubdan	Resident	Erlia Sasic		yes
51	Mrs. Teresita Alcionay	Timubdan	Resident	Erlia Sasic		yes



## **ANNEX 4    Attendance Sheets**





Republic of the Philippines  
Department of Environment and Natural Resources  
**ENVIRONMENTAL MANAGEMENT BUREAU**  
DENR Compound, Visayas Avenue, Diliman Quezon City 1116  
Telephone Nos.: (632) 927-1517, 926-3725; Fax No.: (632) 920-2256  
Website: <http://www.emb.gov.ph> / Email: [msu@emb.gov.ph](mailto:msu@emb.gov.ph)

DENR / EMB / NATIONAL  
GOVT. AGENCIES /  
RTECOM /  
DENRD

## ATTENDANCE SHEET

PUBLIC HEARING  
TCPI CEMENT PLANT EXPANSION PROJECT  
9:00 -12:00AM, JANUARY 17, 2018  
DKNS MAESTRO'S RESTOBAR AND RESORT  
KALUBIHAN 1, NORTH POBLACION, SAN FERNANDO, CEBU

NO.	NGALAN	BARANGAY/ OFFICE	TRABAHO / POSISYON	PIRMA
1	Rene Morante		EIA RevCom	
2	So I. Dalisay		EIA REC	
3	Mariwia Yau	EMB	ENGR. II	
4	Ms. WILBERS Q. MORENO		EIA REC	
5	Gret B. Villegas	EMB	EIA REC	
6	Carlo Vic Aranda	EMB	Sr. EMS	
7	Christie Argao	CAMPO ARGAO	ENV. OFFICER	
8	ELIZABETH M. RIVAC	CENAS 1st yr	For n/10/EMB Person	
9	Atty. Unatee R. Morante	EMB-7	ATTY J.I.	



Republic of the Philippines  
Department of Environment and Natural Resources  
**ENVIRONMENTAL MANAGEMENT BUREAU**  
DENR Compound, Visayas Avenue, Diliman Quezon City 1116  
Telephone Nos.: (632) 927-1517, 928-3725; Fax No.: (632) 920-2258  
Website: <http://www.emb.gov.ph> Email: [mail@emb.gov.ph](mailto:mail@emb.gov.ph)

BARANGAY OFFICIALS  
(LOCAL)

## ATTENDANCE SHEET

PUBLIC HEARING  
TCPI CEMENT PLANT EXPANSION PROJECT  
9:00 -12:00AM, JANUARY 17, 2018  
DKNS MAESTRO'S RESTOBAR AND RESORT  
KALUBIHAN 1, NORTH POBLACION, SAN FERNANDO, CEBU

NO.	NGALAN	BARANGAY/ OFFICE	TRABAHO / POSISYON	PIRMA
1	MARCELINO M. PEGARIDO	ILAYA / KAGAWOD	BRGY. COUNCILOR	
2	Binacoro A. Estin	South Pol.	BRGY. CAPTAIN	
3	VILLASAR, JOJO	"	BRGY. KAGAWOD	
4	ESBRA, PAT	"	" "	
5	Zeny Tapuyao	Tonggo	SK Chairperson	
6	VIRGINIO D. SANTOS	TEBARAP	BRGY CHPT.	
7	ROSA SYBOL	"	BRGY ESTABED	K.S.
8	MATBO TAPUYAO	"	"	
9	RICARDO Y. ROLVINGO. Binalay. PANKOTAPAN	BRGY CHPTMAN		
10.	TEOFANES O. ALDEPULIA	BRGY NORTH PCB.	PUNOÑA BRGY	
11.	LOWELLA C. CARANGPANGON	South Poblacion	Principal	
12.	Lalita O. Piratel	Brgy. Councilor	Tanabban	

## ATTENDANCE SHEET

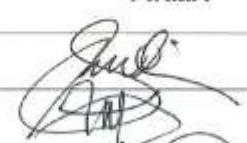
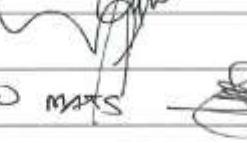
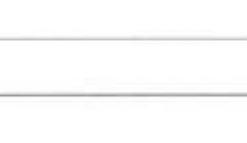
STAKEHOLDER / SUPPLIER

SEDC

### PUBLIC HEARING

#### TCPI CEMENT PLANT EXPANSION PROJECT

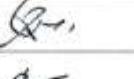
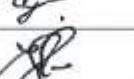
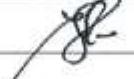
9:00 -12:00AM, JANUARY 17, 2019, SAN FERNANDO, CEBU

NO.	NGALAN	BARANGAY/ OFFICE	TRABAHO / POSISYON	PIRMA
10	Gines T. Boltran	SEDC	CRO	
11	NR YAP	SEDC	CONSULTANT HRA DIVISION MGR	
12	MURIE ALMIRA J. CARIN	SEDC		
13	ANGELO O. TEOPILZ	SEDC	ENVI OFFICER	
14	CIRIZLO B. PIADOR	SEDC	SH/SURVEY	
15	Samuel O. Tagrip	SEDC	Operative Mgr	
16	JCELA A. SOMBREON	SEDC	MIN-MGR	
17	BARNEY T. ABELLANA	SEDC	PORT-ADM	
18	CRISTINO V. NUÑEZ	SEDC	PORT-ADM RAW MATERIALS	
19				
20				
21				
22				
23				

## ATTENDANCE SHEET

RESIDENTS / BARANGAY

PUBLIC HEARING  
TCPI CEMENT PLANT EXPANSION PROJECT  
9:00 -12:00AM, JANUARY 17, 2019, SAN FERNANDO, CEBU

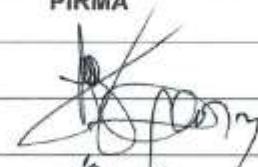
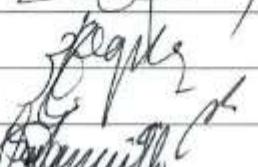
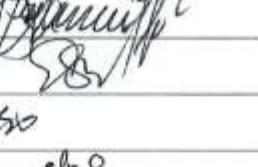
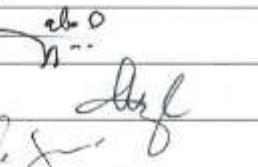
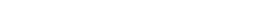
NO.	NGALAN	BARANGAY/ OFFICE	TRABAHO / POSISYON	PIRMA
52	Guia J. Alburo	Tinagd	RESIDENT / FARMER'S ASSOCIATION	
53	MARY CHRIS CABRANA	TORAH	RESIDENT / FARMER'S ASSOCIATION	
54	ANGELO CALSONA	SOUTH	SOPOFIAS	
55	Cesario B. Alcaño Jr.	South	Pres: SOPOFIAS	
56	ANGELITO CALSONA JR.	South	PRO	
57	RONILLO PIZAN	DEVR - PENA	OWNER	
58				
59				
60				
61				
62				
63				
64				
65				

97

TCP1

## ATTENDANCE SHEET

PUBLIC HEARING  
 TCPI CEMENT PLANT EXPANSION PROJECT  
 9:00 -12:00AM, JANUARY 17, 2019, SAN FERNANDO, CEBU

NO.	NGALAN	BARANGAY/ OFFICE	TRABAHO / POSISYON	PIRMA
94	JOSEPHUS ALGUNO		TCPI - Production	
95	Romeo GERILAGUIN		TCPI - ESD	
96	Rubi, Zenith L.		TCPI - HRA	
97	Rolando, Buhinian		TCPI - Maint & Engg	
98	Menencillo, Gaspar M.		TCPI - Admin	
99	Enyilita B. Ortega		TCPI - Corporate Affairs	
100	MIGUEL B. SY		TCPI - Labor Relation	
101	Ephren T. Labrasas		TCPI - ComRel	
102	Vanessa N. Pongcawil		TCPI - HRA/CGA/HR	
103	TED PRANCES SERUANO		TCPI - ComRel	
104	NAVASQUEZ, BRIZAOC Ray		TCPI - HRA/CGA STAFF	
105	BERT C. YAP		TCPI - ESD SUPERVISOR	
106				
107				

R/R



Republic of the Philippines  
Department of Environment and Natural Resources  
**ENVIRONMENTAL MANAGEMENT BUREAU**  
DENR Compound, Visayas Avenue, Diliman Quezon City 1116  
Telephone Nos.: (632)927-1517, 228-3725; Fax No.: (632) 920-2258  
Website: <http://www.emb.gov.ph> / Email: [mail@emb.gov.ph](mailto:mail@emb.gov.ph)

COMMUNITY STAKEHOLDERS/  
RESIDENTS / BIR / BCO

## ATTENDANCE SHEET

PUBLIC HEARING  
TCPI CEMENT PLANT EXPANSION PROJECT  
9:00 -12:00AM, JANUARY 17, 2018  
DKNS MAESTRO'S RESTOBAR AND RESORT  
KALUBIHAN 1, NORTH POBLACION, SAN FERNANDO, CEBU

NO.	NGALAN	BARANGAY/ OFFICE	TRABAHO / POSISYON	PIRMA
1	JRA c. de Asis	Panaadtaran	Resident	<i>Jude Asis</i>
2	Quimno, Lagrimas	Panaadtaran	Resident	<i>Jr.</i>
3	Ria Cornelio	Panad Laran	Resident	<i>Ria</i>
4	Suico, Myrna	Panad Laran	Resident	<i>Joyce</i>
5	REPUBLIE, MARICEL	"	Resident	<i>M. Republice</i>
6	Piongca Cantao	Panad Laran	Resident	<i>Cantao</i>
7	ARLINDA V. SUDARIA	Panaadtaran	Resident	<i>M.</i>
8	Elsa L. Baranzal	Panaadtaran	BCO	<i>Elsa Baranzal</i>
9	Antonio Generalao	North Pobl.	BB HW	<i>Antonio Generalao</i>

## ATTENDANCE SHEET

**PUBLIC HEARING**  
**TCPI CEMENT PLANT EXPANSION PROJECT**  
**9:00 -12:00AM, JANUARY 17, 2019, SAN FERNANDO, CEBU**

NO.	NGALAN	BARANGAY/ OFFICE	TRABAHO / POSISYON	PIRMA
10	Maria Lorena S. Entero	North Pob.	BHW	<i>Entero</i>
11	Magdalina S. Peatton	North Pob.	BCO	<i>Peatton</i>
12	Vilma B. Farader	North p.b.	BHW	<i>Nde</i>
13	VILLAFUERTE, RONALD	North Pob.	Pres.	<i>Ron</i>
14	Sasil Sabriana	Timbolan	BHW	<i>Sasil</i>
15	Alicaway Tuncifa	Timbolan	BHW	<i>Alicaway</i>
16	Elisa L. Sasil	Timbolan	BCO	<i>Sasil</i>
17	Neria O. Canoy	Timbolan	Farmers Asso.	<i>Canoy</i>
18	Lucia A. Generalao	So. Pob.	BCO	<i>Generalao</i>
19	Mary Ann Barrago	So. Pob.	BHW	<i>Barrago</i>
20	Mercedita Lapuniete	So. Pob. San Fdu.	BHS	<i>Lapuniete</i>
21	PEDRO SUICO SR	TONGGO	FARMERS	<i>P. Suico Sr.</i>
22	JANICE GUIA	TONGGO	BCO	<i>Guia</i>
23	VIRGINIA TECSON	TONGGO	BHW	<i>Tecson</i>

**ATTENDANCE SHEET**  
**PUBLIC HEARING**  
**TCPI CEMENT PLANT EXPANSION PROJECT**  
**9:00 -12:00AM, JANUARY 17, 2019, SAN FERNANDO, CEBU**

NO.	NGALAN	BARANGAY/ OFFICE	TRABAHO / POSISYON	PIRMA
24	Dine Tangub	Tonggo	BHW	<i>Magat</i>
25	Jaclyn B. Abrial	Bco	BHW	<i>Jain</i>
26	JACMIN B. SARAMOSINGA	TONGGO	BHW	<i>Jay</i>
27	Edna P. Alfeche	PPC	Service Com/Parish	<i>Dr</i>
28	Jeanna T. Dangas	PPC	Vice - Pres / Parish	<i>Huf</i>
29	Silma Abella	Tinubdan	BHW	<i>Lilib</i>
30	Marie Ida T. Palagon	Panadtaran	Bug. Ass.	<i>Joy</i>
31	Khetchan A. Cortes	"	Treas	<i>C</i>
32	Pearl Fuentes	"	BRK	<i>Juli</i>
33				
34				
35				
36				
37				

## ATTENDANCE SHEET

PUBLIC HEARING  
TCPI CEMENT PLANT EXPANSION PROJECT  
9:00 -12:00AM, JANUARY 17, 2019, SAN FERNANDO, CEBU

NO.	NGALAN	BARANGAY/ OFFICE	TRABAHO / POSISYON	PIRMA
10	Promedos Cayzon	DEVR M. GAB	Driver	
11	FEDERICA P. OANNON	DEVR PENHO CEBU	chief TSO	
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				

RESIDENTS / BARANGAY

## ATTENDANCE SHEET

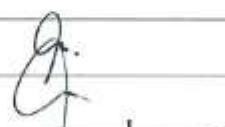
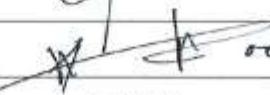
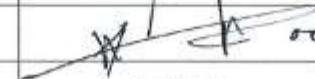
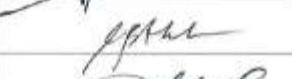
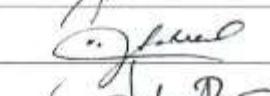
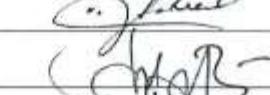
PUBLIC HEARING  
TCPI CEMENT PLANT EXPANSION PROJECT  
9:00 -12:00AM, JANUARY 17, 2019, SAN FERNANDO, CEBU

NO.	NGALAN	BARANGAY/ OFFICE	TRABAHO / POSISYON	PIRMA
66	Omaque Estela	DSWD/BG4-Panadura	Day Care Teacher/Pres.	<i>Jen</i>
67	Paterno C. Esbra	S. Pob, Kasaguan	Womens Organization	<i>Jen / Jette</i>
68				
69				
70				
71				
72				
73				
74				
75				
76				
77				
78				
79				

## ATTENDANCE SHEET

LGU - MUNICIPAL

PUBLIC HEARING  
TCPI CEMENT PLANT EXPANSION PROJECT  
9:00 -12:00AM, JANUARY 17, 2019, SAN FERNANDO, CEBU

NO.	NGALAN	BARANGAY/ OFFICE	TRABAHO / POSISYON	PIRMA
10	Michelle O. Digamon	TECOA	STAFF	
11	Rolando Villariara	TECOA	CTEC	
12	ROMMEL PINATIL	LGU - OMA	AT - MLC	
13	ELVIRA ABAZO	LGU - RHA	PHARMACIST	
14	Jadeas, Jocelyn N.	LGU - P. Fernando MPDC - P. Fernando		
15	RIAS, STELLEY	LGU San Fernando MPDC -	MPDC	
16	Nelson P. Soriano	LGU ST FERNANDO	MUS - MANAGERMENT	
17				
18				
19				
20				
21				
22				
23				



Republic of the Philippines  
Department of Environment and Natural Resources  
**ENVIRONMENTAL MANAGEMENT BUREAU**  
DENR Compound, Visayas Avenue, Diliman Quezon City 1116  
Telephone Nos.: (632)927-15-17, 928-37-25; Fax No.: (632) 920-22-58  
Website: <http://www.emb.gov.ph> Email: [mail@emb.gov.ph](mailto:mail@emb.gov.ph)

SCHOOL HEADS

## ATTENDANCE SHEET

PUBLIC HEARING  
TCPI CEMENT PLANT EXPANSION PROJECT  
9:00 -12:00AM, JANUARY 17, 2018  
DKNS MAESTRO'S RESTOBAR AND RESORT  
KALUBIHAN 1, NORTH POBLACION, SAN FERNANDO, CEBU

NO.	NGALAN	BARANGAY/ OFFICE	TRABAHO / POSISYON	PIRMA
1	RIZA V. SEGUNDO	SAN FERNANDO NHC	TEACHER II	
2	IMELDA E. SAGANG	Notre Dame Academy	Principal	
3	JANET G. CANONIGO	SOUTH POB. ELEM. SCH.	TII	
4	GERALDINE P. TANGIAN	SOUTH POBLACION E/S	MT.	
5	Lowella C. Capangpangan	San Fernando NHS	Principal	
6				
7				
8				
9				



Republic of the Philippines  
Department of Environment and Natural Resources  
**ENVIRONMENTAL MANAGEMENT BUREAU**  
DENR Compound, Visayas Avenue, Diliman Quezon City 1116  
Telephone Nos.: (632) 927-1517, 926-3725; Fax No.: (632) 920-2258  
Website: <http://www.emb.gov.ph>; Email: [mail@emb.gov.ph](mailto:mail@emb.gov.ph)

SCHOOL HEADS

## ATTENDANCE SHEET

PUBLIC HEARING  
TCPI CEMENT PLANT EXPANSION PROJECT  
9:00 -12:00AM, JANUARY 17, 2018  
DKNS MAESTRO'S RESTOBAR AND RESORT  
KALUBIHAN 1, NORTH POBLACION, SAN FERNANDO, CEBU

NO.	NGALAN	BARANGAY/ OFFICE	TRABAHO / POSISYON	PIRMA
1	RIZA V. SEGUNDO	SAN FERNANDO NHS	TEACHER II	
2	IMELDA E. SAGANG	Notre Dame Academy	Principal	
3	JANET G. CANONIGO	SOUTH POB. ELEM. SCH.	TII	
4	GERALDINE P. TANGIAN	SOUTH POBLACION E/S	MT.	
5	Lowella C. Capangpangan	San Fernando NHS	Principal	
6				
7				
8				
9				



Republic of the Philippines  
 Department of Environment and Natural Resources  
**ENVIRONMENTAL MANAGEMENT BUREAU**  
 DENR Compound, Visayas Avenue, Diliman Quezon City 1116  
 Telephone Nos.: (632) 927-1517, 928-3726; Fax No.: (632) 920-2258  
 Website: <http://www.emb.gov.ph> Email: [stuk@emb.gov.ph](mailto:stuk@emb.gov.ph)

EMB / LGU /  
 CEMAP  
 PRIVATE SECTOR

## ATTENDANCE SHEET

PUBLIC HEARING  
**TCPI CEMENT PLANT EXPANSION PROJECT**  
 9:00 -12:00AM, JANUARY 17, 2018  
**DKNS MAESTRO'S RESTOBAR AND RESORT**  
**KALUBIHAN 1, NORTH POBLACION, SAN FERNANDO, CEBU**

NO.	NGALAN	BARANGAY/ OFFICE	TRABAHO / POSISYON	PIRMA
1	DHENNINIDA PROBATORIA	CEMAP	ADMIN	
2	UNAGEE R. MONARES	EMB 7	ATM III	
3				
4				
5				
6				
7				
8				
9				

## **ANNEX 5    Public Hearing Program**



**PUBLIC HEARING PROGRAM**

**TCPI CEMENT PLANT EXPANSION PROJECT**

**9:00 -12:00AM, JANUARY 17, 2018**

**DKNS MAESTRO'S RESTOBAR AND RESORT, KALUBIHAN 1  
NORTH POBLACION, SAN FERNANDO, CEBU**

TIME	PROGRAM OF ACTIVITIES	PERSON RESPONSIBLE
7:30-9:00 AM	Registration	TCPI and SEDC Staff
9:00-9:15 AM	National Anthem	LGU Representative
	Invocation Welcome Remarks	LGURepresentative ABC Pres.Kap Nonoy Reluya
	Introduction on the Conduct of the Public Hearing Rules and Procedures of the Hearing	EMB - EIAMD EMB Region 07 Representative Atty. Unalee Monares
9:15- 10:00 AM	Brief presentation on project background, description, location, implementation schedule and other information or facts regarding the project and the result of the El A on impacts, measures, and commitments.	Proponent Representative/EIA Preparer
10:15-011:15 PM	Open Forum	Presided by EMB R7 Rep Public Hearing Officer
011:15-11:30	Recap of issues/concern /impacts raised by the Public and Response of the Proponent	PH: Public Hearing Officer EIA Preparer for summary presented
11:30-11:45	Closing Remarks and Next Steps in the EIA Process	Public Hearing Officer EMB Representative
12:00- 1:30 PM	Lunch	
Facilitator : Ms. Vanessa Bongcawil, TCPI		



## **ANNEX 6    Activity Photos**





Registration Desk cared-for by TCPI and SEDC Special Designate



The Public Hearing was started with a Prayer in song and word led by LGU representative



Atty. Unalee R. Monares of EMB Region 07 Legal Division served as Public Hearing Officer



TCPI Pollution Control Officer Engr. Dwight P. Avila explained the Project Description



The late ABC President of San Fernando, Cebu, Kapitan Nonoy Reluya acknowledged and encouraged all participants to express all their issues and concerns during the Public Hearing



Kapitan Teofanes O. Aldepulla of North Poblacion read all his listed issues and concerns before expounding on each concern.



## **ANNEX 7 Locator Matrix for Information in EPRMP Providing Clarification / Addressing Environmental Concerns Raised During the Public Hearing**

**LOCATOR MATRIX OF ADDITIONAL INFORMATION  
ON MATTERS RAISED DURING THE PUBLIC HEARING FOR  
TAIHEIYO CEMENT PHILIPPINES, INC. PROPOSED PLANT EXPANSION PROJECT  
AMENDMENT OF ECC 0607-007-3630**

**Public Hearing Held on January 17, 2019 (0900-1400), Maestro Restobar DKNS, Kalubihan 1, San Fernando Cebu**

Note : Items in blue are not directly under the management of the Proponent. These are referred to the appropriate authorities as necessary, for proper management.

No.	Name	Concern	How it is Resolved by the Project	Location in EPRMP
1	Hon. Councilor Pat Esbra	<b><i>How will you address additional noise, dust and ships which might also increase potential risks for the residents of Brgy. South Poblacion?</i></b>	<p>Project has installed Bag House Filters in Line 1 to supplement the existing Electrostatic Precipitator.</p> <p>Raw milling and clinkering processes are supported by bag House Filters with design efficiency of 97 to 99%.</p> <p>Docked ships are waiting for cement products. At present, cement production is below the demand due to aged legacy equipment. When TCPI cement production shall increase with the approval of this application, the docked ships are expected to stay much shorter, only to complete cement loading. Ships bringing materials also will berth shortly due to availability of overhead material conveyor system.</p>	<p>TCPI EPRMP Page 37, after Table 1.5, added:</p> <p>Updating of Structure / Buildings :</p> <p>Add Noise enclosure of new raw grinding mill area</p> <p>Add Noise enclosure of existing mechanical building</p> <p>Page 36 :</p> <p>Line 1 is supported by Electrostatic Precipitator, plus Bag House Filter system with 50 units dust collectors</p> <p>Line 2 will utilize Bag House Filter system with 25 0 units dust collectors, with declared 97 to 99% design efficiency.</p> <p>Pages 41 to 42 :</p> <p>Section 1.6.6 Raw Milling and 1.6.7 Kiln Feeding, Pyro processing, Denitrification and Clinker Cooling</p>
2	Hon. Councilor Jojo Villasan	<b><i>In relation to the docked ships, where do their waste go, especially the oil? Plus, our 'bantay dagat' reported about a beaching by one of the ships. What is TCPI doing about that?</i></b>	<b><i>Barry Abellana (SEDC) – As to the waste management of those ships, we have already prohibited them to discharge their solid waste and oil because we don't have enough facilities for it. What they do is dispose their waste to another port destination where there are waste collectors from another contractor.</i></b>	<p>Pages 149 to 153.</p> <p>Section 2.2.11 Degradation of Surface Water Quality</p> <p>Monitoring and regulation of ship berthing locations are duties of the Coast Guard. SEDC requires calling ships to comply with Maritime Pollution Control requirements. Agreement with SEDC on this matter is in Annex 8. ECC Annex B may refer the matter to the Philippine Coast Guard for reinforcement.</p>

No.	Name	Concern	How it is Resolved by the Project	Location in EPRMP
3	SK Chairperson sa Tonggo	<p><i>As to the quarry, a crack has been found in Tonggo – with the proposed expansion, there is a bigger chance that the crack would get much bigger. The question is, what can you do about that?</i></p>	<p><i>Samuel Tagsip (SEDC) – The information might be wrong. Right after the incident at City of Naga, the following day, the team who came here were MGB Geologists, PENRO, Local MDRRMO. We really requested them to inspect the quarry in Brgy. Bugho. The result was that the area was safe and sound. Our operations – there are no problems, there are no small cracks, not even any sign of subsidence or earth movement. The evaluation was held in the municipal conference. There was a crack found, yes, but it was not in the quarry and it also was [a natural movement], still far from the quarry.</i></p> <p><i>Hon. Brgy. Capt. Reluya Jr. added – I was the team leader of the composite monitoring and evaluation team. We were one of those who conducted the ocular inspection on the quarry sites. Because our office received the same reports. We sent our disaster personnel to take a picture and we also had a follow-up evaluation. By that time, it was not just us [disaster team] but with personnel from religious sector, principal of Tinubdan [elementary] who was the concerned, BFP, PNP, and RHU. Right after the inspection, we asked every single member of each team about their observation/recommendation, then we consolidated. In the consolidation [process], we requested a meeting with TCPI, Mr. Alburo of MGB, and Mr. Hiroyuki of SEDC. That concern [about a possible landslide] is perhaps already addressed as we already explained to the MGB [about the situation] as well as [gave] our immediate long- and short-term recommendations</i></p>	No further addition of information in EPRMP is necessary. Quarry matters are not under TCPI but SEDC.

No.	Name	Concern	How it is Resolved by the Project	Location in EPRMP
			<p><i>based on the assessment of our monitoring team. Next week, the monitoring team will again conduct another inspection to see what progress we have made in our first inspection and what more can we suggest/recommend. Rest assured, the only concern at that time were the houses and school situated under the quarry that formed like a tower. That was what Mr. Baraki explained - that their benching on mining is gradual. We will bring this report and explain further to the residents of [Brgy.] Tinubdan so that we will no longer worry but still remain cautious.</i></p>	
4	Pedencio Carreon, DENR Penro	<p><i>I have a further request to the local government units. Since you are annually earning 3 billion a year, perhaps you should hire additional experts in mining engineering. Do not just rely on DENR. Because DENR is far from your place, you should monitor the affected barangays. The SENRO/MENRO or the municipality itself should strengthen [the efforts]</i></p>	<p><i>Hon. Brgy. Captain Reluya answered – I should then clarify sir, the 3 billion? If that [is] so Sir, San Fernando should have been financially rich.</i></p>	<p>Participants' mis understanding was clarified, the P 3 billion was TCPI 2016 national income tax payment and not local taxes.</p> <p>Kap. Reluya acknowledged TCPI local tax payments are in the range of P 1.6 to 1.8 million annually.</p> <p>No further addition of information in EPRMP is necessary. Quarry matters are not under TCPI but SEDC.</p>
5	Hon. Brgy Captain Aldepulla, Brgy North Poblacion	<p>(1)<i>How deep is your (deep) well?</i></p> <p>(2)<i>~ If the roads in the mountain barangays crack or get destroyed, will</i></p>	<p><i>AOTeopiz (SEDC) – Regarding the depth of our deep well, it runs 30 meters down.</i></p> <p><i>Samuel Tagsip (SEDC) – about the roads, SEDC has a way to repair damaged roads. In case access roads</i></p>	<p>Page 19, row 6 of Table E.9 : (The Project will practice and apply) 100% Process water recycling and rainwater harvesting;</p>

No.	Name	Concern	How it is Resolved by the Project	Location in EPRMP
		<p><b>TCPI shoulder the expenses to repair it?</b></p> <p>(3)Kap. Nonoy Reluya: ~ I hope you can consider (regarding traffic in front of TCPI gate, due to haulers from pier to Plant and vice versa ).... We have a crucial schedule and time (6:30 – 8:00 going to the city and 4:00-7:00 going to Carcar) when people are busy.</p> <p>After 2050, will TCPI still comply in not using coal?</p> <p>If line 2 will operate, will line 1 still operate too?</p> <p>Is a truck carrying one thousand (1000) bags of cement allowed to pass by local roads which can</p>	<p><i>we use are destroyed, we always do back filling and provide a grader to the access roads we use.</i></p> <p><i>RM Gebilaguin – as for the traffic we observe, first reason is DPWH's road widening, second is TCPI's hauling trucks traversing the national road, but third is we, Filipinos, lack self-discipline. But everything will be solved because there's going to be what we call as JBS [project]. The Jetty, Belt Conveying and Silo Project will transport products and materials through overhead conveyor from SEDC Pier to the Plant. Also. Our roads are extended(widended) (by DPWH) but not including bridges.</i></p> <p><i>RM Gebilaguin – in my own point of view, we still cannot develop, we might still solely depend on coal. However, if there would be a time that an environmental regulation mandating to abolish coal or prohibit its use as fuel, then TCPI will comply because that is a legal requirement. So, in the part of Taiheiyo, there is no problem. That is why we say we always comply with the statutory, regulatory compliance whether imposed by the municipality, the province and the national government.</i></p> <p><i>Yes. The pollution control and environmental management measures are sufficient for Line 1 and 2 operations.</i></p> <p><i>RGBuhisan – as to the load limit, DPWH used to call is SL20 before which means 20 tons of capacity. Now, it is upgraded into SL40 which means 40 tons of capacity. This was first implemented in Cebu,</i></p>	<p>Figure 2.2.2 Surface Drainage, Watershed &amp; Microwatersheds Serving the TCPI Plant Site, pages 139 to 144.</p> <p>The overhead conveyor is included in ECC-CO-9710-003-105C .</p> <p>No further addition of information in EPRMP is necessary. Quarry matters are not under TCPI but SEDC.</p> <p>Page 348, Environmental Management Plan for Water. Air pollution control equipment are cited in Table 1.5 page 37.</p>

No.	Name	Concern	How it is Resolved by the Project	Location in EPRMP
		<i>trigger congestion of trucks and cause traffic</i>	<i>particularly at Mactan Marcelo Fernan Bridge. This road widening and concreting DPWH is implementing is made of thick cement layers reaching 12 inches high to meet the SL40 policy or to withstand 40 tons or 1000 bags.</i>	
6	Engr.Bienvinido Probadora, CEMAP	<i>Is pier expansion included in the plan?</i>	<i>Mitzie Carin (SEDC) – TCPI is now expanding their line 2. SEDC is the quarry operator and we supply the raw materials from our quarries particularly limestones. If it will be produced into cement, we also what we call port facility. As to the raw materials, we, too, while TCPI is amending its ECC certificate, is in process of amending such , to support the increase of [cement] supply from 7,000+ to 16,350 metric tons per day. So, we are also gearing to increase our volume to ultimately meet President Duterte's Build, Build, Build[program]. Even though we have more than enough supplies for now, and our port is not yet expanded; it would still won't match the needs. As of this time, our port is already expanded with 10 berthing areas and 2 beaching [areas]. In addition, because we will import materials for our additives and others in producing cement, we are also expanding our quarry sites as much as our ports.</i>	No further information needed to be added to the EPRMP.
7	Hon. Councilor Pat Esbra, South Pob.	<i>The saying “Health is Wealth” is not new to us. Based on our records in the health center, through our BHWS, the cases of cough and asthma are rising. Followed by [skin] rashes. We also are aware</i>	<i>GTBoltron – we have this so-called SDMP where health intervention programs support and benefit not just the host barangay which is South Poblacion, but all the other affected barangays also. Just submit your resolution or personally submit this request to us.</i>	Page 320, Table 2.4. 23 Leading Causes of Morbidity (in San Fernando, 2008 to 2017) data from the San Fernando Municipal Health Office shows the rate of Upper Respiratory Tract Infection (URTI) of rate of incidence of 49.26 persons per 1000 population ill with URTI in 2008 has reduced to .05 persons per 1,000 population in 2017.

No.	Name	Concern	How it is Resolved by the Project	Location in EPRMP
		<i>in the council that TCPI has group focused on environment. Would it be possible that the barangay council will pass a resolution requesting a certain amount/budget for [face] masks?</i>		Allergies with prevalence of 10.04 per 1,000 population in 2008 has reduced to .0026 per 1,000 population in 2017.  The TCPI is ready to assist communities that request for assistance.
	Hon. Teofanes Aldepulla, Barangay Captain of North Poblacion	<i>Thank you TCPI for your yealy donations of 500 bags of cements [to all San Fernando barangays]. We also wish that you can further include aggregates so that we will just worry for the labor.</i>	EBOrtega – Noted, subject for management approval.	No further information needed to be added to the EPRMP.
	Hon. Jojo Villasan, Barangay Councilor of South Poblacion	<i>Would it be possible that your 500 bags of cement allocated when not donated this year be accumulated, and can still be acquired next year?</i>	VNBongcawil answered - we have our cement donation policy that has been adopted by the company for years. With the policy, we discouraged accumulating cement donation allocation as we want to evaluate the progress of the project of each barangay if it (the cement donations) are really used. That is the reason why we opted for a forfeiture of this cement donation (if not used). Hence, one year allocation for each barangay is 500 bags. But, we are not closing our doors because we are not the ones to approve; hence,we will bring your proposal to the management.	No further information needed to be added to the EPRMP.
8	Riza Segundo of San Fernando National HS	<i>Is there also an expansion to the affected parking lot/parking area? Our</i>	<i>RGBuhisan – the road right of way the students are now using will be transferred in front with a turning point at the end of it. We have allocated a budget for</i>	No further information needed to be added to the EPRMP.

No.	Name	Concern	How it is Resolved by the Project	Location in EPRMP
		<i>students take your parking areas as short cuts passing through the pier road to reach barangay Barrio B and Jaguar. Will the area be closed or will TCPI consider to give a road right of way for the students?</i>	<i>that. We also have a new bridge. That said, we would also like to request South Poblacion Brgy. Captain Esbra for coordination to acquire a road right of way from the private lot the bridge would cross over. The bridge is already designed and awarded to a contractor and would soon be started. But, we will not close [the area] unless construction is completed. This bridge is structurally safe with its [concreted] beam and stairs. The road right of way in our parking area fronting the national highway is already double-fenced and, because they requested for a roof, we will put a roof.</i>	
9	Hon. Brgy Captain Virgilio Siarot, Brgy. Tonggo	<i>My concern is not a question, I just heard our SK chairperson mentioning about a crack. That crack has been there even when the then Grand Cement and now Taiheiyo Cement is not yet established, it is thus natural. We personally went to the reported area together with people from SEDC to check the area. Regarding the line 2 of TCPI, in 2017 those in lower tonggo observed that with TCPI's new equipment no dust has become visible unlike before that when the</i>		No further information needed to be added to the EPRMP.

No.	Name	Concern	How it is Resolved by the Project	Location in EPRMP
		<i>equipment stop, dust will appear. With the new smoke stack from 2017 until now, no one can see a smoke coming out of it, if there is it would only be at the pack house. Further, we will not oppose TCPI's plan for a line 2 to as long as, we request, that whatever benefits we received when the first line was established, we hope it could be doubled.</i>		
10	Hon. Councilor Mateo Tapuyao, Brgy.Tonggo	<i>It is true that dust [emission] is already mitigated. But my worry is that when line 2 will operate, the noise in lower Tonggo will worsen. My question is that, will [noise] become worse or not, or will Taiheiyo do something to make [operations] less noisy?</i>	<i>DPAvila – As what Mr. Romy Gebuilaguin said, with our expansion, we have measures and that is to further make our equipment sound proof.</i>	Please see Concern No. 1 above, addressed in EPRMP Page 37, after Table 1.5, added:  Updating of Structure / Buildings : Add : Noise enclosure of new raw grinding mill area Add : Noise enclosure of existing mechanical building
11	Hon. Councilor Lolita Pinatil, Brgy.Tinubdan	<i>Our problem in [Barangay] Tinubdan is the [supply of] water. We just hope that with your expansion, we would like ask help with our water too</i>	<i>Hon. Brgy. Captain Reluya – I just would like to address the reaction of councilor Pinatil [of Brgy. Tinubdan] Jo so everybody would know. We already have allocated [a budget of] 2.5 million for Tinubdan for that [water supply system] through the efforts of our ABC President.</i>	No further information needed to be added to the EPRMP.

No.	Name	Concern	How it is Resolved by the Project	Location in EPRMP
		<i>because indeed our water supply is insufficient and it's difficult.</i>		
12	Elizabeth, CENRO Argao	<i>Last May 2018, we had conducted a coastal clean up in Luknay river/creek. It was participated by TCPI, SEDC, DENR, LGU and other contractors. We were able to collect about 500 (cement) bags of trash. Our concern in CENRO Argao is that, as of now, is the creak/or river already clean or maintained or will we still collect the same or more waste?</i>	<i>DPAvila – we have our annual Save our Seas Clean-up [activity] as well as a quarterly adopt an estero program. [The creek/river's cleanliness] is still maintained. Although, we still see wastes, our program continues. Perhaps, people just need awareness as well as strengthening of the coordination with our LGU.</i>	No further information needed to be added to the EPRMP. Local community living beside lower Luknay creek continue to treat the creek as waste disposal facility. TCPI has donated a small dump truck for them for their waste management program, and regularly undertakes IEC together with the periodic clean-up activities.
13	Chito , CENRO Argao	<i>I would like to ask the corporation to provide us the number of employees/workers.</i>	<i>DPAvila – we can provide. We will just submit it to your office.</i>	No further information needed to be added to the EPRMP.
14	Shelly Rias, MPDC	<i>Because we also wish to monitor the data of your air [and] water quality, can we ask you for your record?</i>	<i>DP Avila – Noted. We will forward the data to you, Ma'am.</i>	As the LGU will be a regular member of the MMT, this data will be regularly provided to the LGU.
15	Janet Canonigo, South Elementary School	<i>We are beneficiaries of the medicines from SEDC that is why we only can usually give medicines for fever. We never gave [our pupils]</i>	<i>DP Avila – Noted mam. Please just make a request letter so that we can grant your request.</i>	No further information needed to be added to the EPRMP.

No.	Name	Concern	How it is Resolved by the Project	Location in EPRMP
		<i>any other medicines as we are unsure if it is a treatment for what they feel. We just only want to request, if it isn't too much, that your [company] doctor can visit us because we have many children in often cases of fever and cough, sir.</i>		
16	Riza Segundo, San Fernando National HS	<i>I would like to know the figures of your hiring employment [during and after this expansion] because we also have our graduates, if possible including the non-regular positions?</i>	<i>EB Ortega – Our data shows 5246 jobs that includes the construction period. It is not the regular employment because, as of now, we can't identify [the figures], but that is what we can estimate. We are also adopting here that employees preferably should be coming from San Fernando.</i>	No further information needed to be added to the EPRMP. TCPI ComRel will provide the job openings to LGUs, private and public highschoools, and TESDA-San Fernando as these become available.
17	Mr. Rolando Villariasa TESDA San Fernando	<i>In relation to Ma'am [Segundo] inquiry about work force, we also have graduates. WE received reports that our students applied [in TCPI] but were declined.</i>	<i>EBOrga – That is noted, sir. We will just ask HR and our contractor (Hammerhead). We will discuss that with HR and Purchasing together with the contractor because our policy remains, hire first the San Fernando people.</i>	No further information needed to be added to the EPRMP.
	Hon, Brgy. Captain Nonoy Reluya , ABC President and Brgy. Capt. Of Panadtaran	<i>Kap. Reluya added – That is true, Ma'am. Always and always, that is our concern. We don't have any control towards the subcontractors serving Taiheiyo. Mayor is very strict in the San Fernando First Policy, yet</i>	<i>EBOrga replied – Sir, thank you for bringing that up and we will just note that. We will meet with Mrs. Zenith Rubi of HR and our Purchasing Department to investigate the matter, sir.</i>	No further information needed to be added to the EPRMP.

No.	Name	Concern	How it is Resolved by the Project	Location in EPRMP
		<p><i>we just knew that majority of the workers [in Taiheiyo] are not from San Fernando. How do we that? What help can the LGU give to Taiheiyo as to control the contractors? In our meeting, we asked Ma'am Vanessa for all the list of the contractors serving [Taiheiyo], because they don't even have a Mayor's Permit. You may have not noticed that but in the time of our Mayor, everything is noted. They are supposed to have a Mayor's permit because they are doing business in San Fernando for how many years but they never had [that permit]. The San Fernando First Policy has been there already, the problem is that the LGU can't control as much as Taiheiyo itself can't. The people we asked to go [to taiheiyo] and apply were rejected because they already have their favorites. Especially if you don't have any connection</i></p>		

No.	Name	Concern	How it is Resolved by the Project	Location in EPRMP
		<i>inside, you will never be accepted. Let's just be blunt here, some of your employees are manipulating the hiring of employees.</i>		
18	Hon. Teofanes Aldepulla, Brgy. Captain of North Poblacion	<p><i>1. In behalf of the LGU, since you mentioned about monitoring, how about installing a TV monitor inside our Local Engineering [Office], instead of putting it in the Region, because, in the first place, we are residents of this municipality?</i></p> <p><i>2. A smoke stack should have a camera, how about you install a camera that will allow us here, in the municipality, to know about the movements of your smoke stack within 24hrs?</i></p>	<i>DPAvila – We have a camera installed at the EMB and Regional Offices that give real-time readings. Your request to also put [a camera] in your municipality, we will have to discuss. I think EMB has a website. Perhaps, you can coordinate with EMB to allow you to log in. The request of putting an additional camera [for the view of everyone in the municipality], I will have to discuss that with the management as that will involve cost.</i>	No further information needed to be added to the EPRMP.
19	Imelda Sagang, NDA Principal	<i>I just would like to take this as an opportunity to announce, like an information dissemination, that on January we will have a medical mission. If [you]</i>	<i>EB Ortega – It's okay mam. Because SEDC has already donated, for Taiheiyo, we will just take that for our SDP, our Social Development Program. You just need to make a request [letter] because we can't easily dispense anything without it.</i>	No further information needed to be added to the EPRMP.

No.	Name	Concern	How it is Resolved by the Project	Location in EPRMP
		<i>they can also spare us some medicines because in this [medical mission] we will not only cater to our students' families but anybody in the community who wishes to avail.</i>		
20	Pedro Suico, Tonggo Farmers Association President	<i>My request would be fertilizers because our harvest is too poor.</i>	<i>EBOrtega – Yes, sir. Just make a request [letter] and we will include that for our SDP.</i>	No further information needed to be added to the EPRMP.
21	Engr. Bienvinido Probadora CEMAP	<i>Just a follow-up, I want to ask for the lead time of the expansion.</i>	<i>DAvila – In our time table, it would take 3 years for the construction period from the moment the documents are approved.</i>	No further information needed to be added to the EPRMP.

Transcription by: **BRIJADE MAY NAVASQUEZ**, CGA Staff

Translation by: **TED FRANCES SERVANO**, Community Related Coordinator/ LRD Staff

Noted and reviewed by: **VANESSA N. BONGCAWIL**, CGA / HR Section Head/ Community Relations Officer

AI Matrix prepared by : Teodora Salvador, EIA Preparer

**ANNEX 8 TCPI-SEDC Agreements on  
Accountability and Management of Issues Raised  
in the Public Hearing**



## MEMORANDUM OF AGREEMENT

KNOWN ALL MEN BY THESE PRESENTS:

This Memorandum of Agreement (Agreement) executed by and between:

**SOLID EARTH DEVELOPMENT CORPORATION**, a corporation duly organized and existing under Philippine laws, with business address at the National Highway, South Poblacion, San Fernando, Cebu, represented by its President, **DENNIS B. TENEFRANCIA**, hereinafter referred to as "SEDC";

- and -

**TAIHEIYO CEMENT PHILIPPINES, INC.**, a corporation duly organized and existing under Philippine laws, with principal business address at the South Poblacion, San Fernando, Cebu, represented herein by its SVP- Plant Manager, **CHIYUKI SUGAWARA**, hereinafter referred to as "TCPI";

### WITNESSETH, That:

WHEREAS, SEDC and TCPI in the conduct of their respective businesses, have overlapping areas of operations within the Municipality of San Fernando, Cebu, Philippines;

WHEREAS, such distinct operations by the parties or through service providers or third-party contractors that may entail different environmental risks;

WHEREAS, in order to properly safeguard/protect the environment in compliance with applicable environmental laws, the parties have agreed to apportion the management, handling and taking care of the environmental risks in their respective areas of operations.

WHEREAS, this apportionment of tasks below shall not be considered as an admission, acknowledgement, or assumption of primary responsibility and liability of the shipowners, service providers, or third-party contractors.

#	Activity	Environmental Impact	Risk	In-charge
	Port			
1.	Chartered and Foreign Vessel in anchorage (entering and leaving) at SEDC Port.	•Oil spill / and solid wastes discharges to sea	Damage fishing nets of fishermen	TCPI
2.	Foreign vessel unloading imported material at anchorage area.	•Oil spill / and solid wastes discharges to sea •Dust emission generated during unloading		TCPI
3.	Chartered/ Customer vessel and Foreign Vessel docking (loading of cement and unloading of material) at SEDC port	•Oil spill / and solid wastes discharges to sea •Dust emission generated during operation in port area		SEDC
4.	Chartered/ Customer vessel waiting a space for berthing.	•Oil spill / and solid wastes discharges to sea		TCPI
	Hauling			

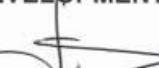
3.	Hauling of material from dolphin road (port gate) to plant site.	•Dust emission generated during hauling.	•Vehicular incident •Traffic congestion at the national road	TCPI
4.	Transport of cement products from the plant going (dolphin road) to SEDC port main gate.	•Dust emission generated during transport	•Vehicular incident •Traffic congestion at the national road	TCPI
5.	Delivery of raw materials (local-other sources).	•Dust emission generated during transport	•Vehicular incident	SEDC
	Plant site			
1.	Processing	Oil/ chemical spill discharges from the plant site going to Luknay creek/ Sabang river		TCPI
		Oil/ chemical spill discharges from the plant site going to coastal area (SEDC port)		TCPI
		Increase in noise level		TCPI
		Dust emission generated in the processing		TCPI
2.	Material Stockpiling and Hauling	Dust generated during stockpiling and hauling operations.		TCPI
	Quarry			
1.	Operations	Dust emission generated from operation and hauling		SEDC
		Increase in noise level		SEDC

This Agreement shall remain in full force unless earlier terminated by any party provided that written notice thereof is communicated to the other party or otherwise modified by both parties in writing.

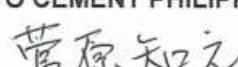
This Agreement shall be effective upon signing by the parties hereto.

IN WITNESS WHEREOF, the PARTIES have hereunto signed this Memorandum of Agreement this 11 FEB 2019 in Cebu City, Philippines.

SOLID EARTH DEVELOPMENT CORPORATION

By:   
**DENNIS B. TENEFRANCIA**  
 President

TAIHEIYO CEMENT PHILIPPINES, INC.

By:   
**CHIYUKI SUGAWARA**  
 SVP- Plant Manager

Signed in the presence of:

 **SAMUEL O. TAGSIP**  
Operations, Division Manager - SEDC

 **ROMEO M. GEBILAGUIN**  
Environment and Safety Manager - TCPI

### ACKNOWLEDGMENT

REPUBLIC OF THE PHILIPPINES)  
CITY OF CEBU ) S.S.  
x ----- /

I certify that on 11 FEB 2019 before me, a duly commissioned notary public duly authorized in the above place to take acknowledgments, personally appeared the following persons:

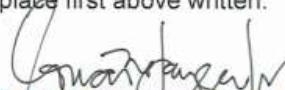
Name	Gov't. ID Type/No.	Date of Issue/Expiry	Place of Issue
Solid Earth Dev't. Corp. rep. by Dennis B. Tenefrancia	Driver's License H05-97-006105	November 22, 2020	Cebu City
Taiheiyo Cement Philippines, Inc. rep. by Chiyuki Sugawara	Japanese Passport # TR 1550706	April 3, 2014	Japan

who were identified by me through their respective competent evidences of identity to be the same persons described in the foregoing instrument, who acknowledged before me that their signatures therein were voluntarily affixed by them for the purposes stated therein, and who declared to me that they executed the instrument as their free and voluntary act and deed and that of the corporations herein represented.

This instrument pertains to a Memorandum of Agreement, consisting of three (3) pages, including the page on which this acknowledgment is written, each page of which is being signed by the parties and their material witnesses and sealed with my notarial seal.

  
WITNESS MY HAND AND SEAL on the date and place first above written.

Doc. No. 101;  
Page No. 22;  
Book No. 1;  
Series of 2019.

  
**ATTY LOURAINA MAY T. DEORFO**  
Notary Public for Cebu City  
Notarial Commission No. 08-18  
Until December 24, 2019  
14 AB Aranas Street, Cebu City  
PTR No. 9648406; Jan 03, 2019; Cebu City  
IBP No. AR 12883133; Jan 03, 2019; Cebu Chapter  
Roll of Attorneys No. 66835



## **ANNEX 9 TCPI Environmental Performance Report and Management Plan for Plant Expansion Project**

**Note : The TCPI EPRMP for Plant Expansion Project is submitted in a separate Report for easier handling of the document due to a large number of pages.**