

COVER SHEET

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SEC Registration Number

S	E	M	I	R	A	R	A	M	I	N	I	N	G	A	N	D	P	O	W	E	R
C O R P O R A T I O N																					

(Company's Full Name)

2	n	d	F	l	o	o	r	D	M	C	I	P	L	A	Z	A						
2	2	8	1	D	O	N	C	H	I	N	O	R	O	C	E	S	A	V	E	N	U	E
M A K A T I C I T Y																						

(Business Address: No. Street City/Town/Province)

John R. Sadullo

(Contact Person)

(632) 888-3000/3055

(Company Telephone Number)

1	2	3	1
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(Fiscal Year)

1	7	-	C
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(Form Type)

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Month *Day*
(Annual Meeting)

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(Secondary License Type, If Applicable)

Corporate Finance Dept.

Dept. Requiring this Doc.

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Amended Articles Number/Section

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Total No. of Stockholders

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Total Amount of Borrowings

Domestic

Foreign

To be accomplished by SEC Personnel concerned

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File Number

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Document ID

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S T A M P S

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SECURITIES AND EXCHANGE COMMISSION

SEC FORM 17-C
CURRENT REPORT UNDER SECTION 17
OF THE SECURITIES REGULATION CODE
AND SRC RULE 17.2(c) THEREUNDER

1. September 22, 2016
Date of Report
2. SEC Identification No.: 91447
3. BIR Tax Identification No.: 000-190-324-000
4. **SEMIRARA MINING AND POWER CORPORATION**
Exact name of issuer as specified in its charter
5. Philippines
Province, country or other jurisdiction of incorporation
6. (SEC Use Only)
Industry Classification Code:
7. 2/F, DMCI Plaza, 2281 Chino Roces Avenue, Makati City
Address of principal office
- Postal Code: 1231
8. (2) 888-3000/3055 Fax No. (2) 888-3955
Issuer's telephone number, including area code
9. Semirara Mining Corporation
Former name or former address, if changed since last report
10. Securities registered pursuant to Sections 8 and 12 of the SRC or Sections 4 and 8 of the RSA

<u>Title of Each Class</u>	<u>Number of Shares of Common Stock</u> <u>(Outstanding)</u>
Common Shares	1,065,766,180
11. Indicate the item numbers reported herein: Item 9.

The Company previously disclosed to the Exchange on August 16, 2016 its reply to the Department of Energy's letter requiring the Company to explain collateral issues raised by the Department of Environment and Natural Resources, to wit:

1. Toxic waste affecting the mangroves
2. Sulfur content of coal produced
3. Adverse effect on the lives of seaweed farmers
4. Poverty level in Semirara at 47%
5. Mining overburden affecting the housing community within the operating area
6. Land-grabbing issue.

On August 25, 2016, the DOE conducted a technical audit on these matters. Today, the Company received a copy of the technical audit results from the DOE dated September 21, 2016 which in sum states that the DOE audit team verified that the mining operation of SMPC does not discharge toxic materials to the mangroves, the sulfur content of the coal is below 1%, there is no seaweed farm affected, and the dumping of overburden materials does not affect the nearby housing communities.

SIGNATURES

Pursuant to the requirements of the Securities Regulation Code, the issuer has duly caused this report to be signed on its behalf by the undersigned thereunto duly authorized.

Issuer : Semirara Mining and Power Corporation

Signature and Title : 
JOHN R. SADULLO
VP-Legal & Corporate Secretary

Date : September 22, 2016



Republic of the Philippines
DEPARTMENT OF ENERGY
(Kagawaran ng Enerhiya)

SEMIRARA MINING AND POWER CORPORATION

RECEIVED
SEP 22 2016

LEGAL DEPARTMENT
TIME _____ SIGN *Henry Averon*

21 September 2016

MR. ISIDRO A. CONSUNJI

Chairman

Semirara Mining and Power Corporation

2nd Floor DMCI Plaza

2281 Chino Roces Ave.

Makati City

Fax (02) 816-7185

Dear **Mr. Consunji**:

We refer to the technical audit conducted by the DOE personnel at Semirara Mining and Power Corporation's (SMPC) Coal Operating Contract (COC) No. 5 located at Caluya, Antique on 25 August 2016 to verify/validate SMPC's reply on DOE's directive dated 12 August 2016 in connection with the Department of Environment and Natural Resources collateral issues raised against the company, among others, as follows:

1. Toxic waste affecting the mangroves;
2. Sulfur content of coal produced;
3. Adverse effect on the lives of seaweed farmers; and,
4. Mining overburden affecting the housing community within your operating area

We are pleased to provide SMPC the results of the DOE audit on the above issues for your information and guidance.

Very truly yours,


ALFONSO G. CUSI
Secretary



Republic of the Philippines
DEPARTMENT OF ENERGY

IN REPLYING PLS. CITE:

DOE-AGC-16000596



REPORT ON THE TECHNICAL AUDIT CONDUCTED ON 25 AUGUST 2016 AT SEMIRARA MINING AND POWER CORPORATION'S COAL OPERATING CONTRACT NO. 5 LOCATED AT CALUYA, ANTIQUE

Background of the Semirara Coal Mining Project

Semirara Coal Mining Project is covered by Coal Operating Contract (COC) No. 5 with an aggregate land area of 12,700 hectares, more or less, covering the islands of Semirara, Caluya and Sibay, Municipality of Caluya, Province of Antique.

COC No. 5 was issued to Vulcan Industrial & Mineral Exploration Corporation (Vulcan) and Sulu Sea Oil Development Corporation (Sulu Sea Oil) on July 11, 1977. In January, 1978, Seafront Petroleum and Mineral Resources, Inc. (Seafront) joined Vulcan and Sulu Sea Oil as operator of the project. Later, these three (3) corporations formed a new company named Semirara Coal Corporation (SCC) and assigned to the latter in a Deed of Assignment executed on April 7, 1980, their rights and interests in COC No. 5. SCC, therefore, which is owned by these three (3) corporations, became the sole operator of the mining project.

SCC changed its name to Semirara Mining Corporation (SMC) in 2001, and then to its present name, Semirara Mining and Power Corporation (SMPC), sometime in August, 2014.

COC No. 5 was issued on July 11, 1977 and will expire on July 10, 2027 after a period of fifty (50) years.

Verification of SMPC's letter reply to DOE 12 August 2016 letter (Attachment A) regarding the issues raised by the DENR

The letter reply of SMPC dated 15 August 2016 (Attachment B) to the DOE letter with regard to the issues raised by the DENR contains the following:

- a. Toxic waste affecting mangroves – SMPC claimed that they are a registered hazardous waste generator by the DENR-EMB and that all toxic and hazardous waste generated by their operations were properly handled, transported and treated by a DENR-EMB accredited contractor. Likewise, they claimed that the mangroves affected by the National Power Corporation (NPC) 2005 oil spill have shown significant improvement given their efforts of clean-up and rehabilitation.
- b. Sulfur content of coal produced – SMPC provided the results of their laboratory results of their coal analyses on 19 July 2016 and 3 August 2016.
- c. Adverse effect on the lives of seaweed farmers – SMPC claimed that there are only few seaweed farmers in Semirara Island as compared to Caluya, Panagatan and other islands within the Municipality of Caluya. SMPC further claimed that they even initiated before a seaweed livelihood program known as "LANTAY" but was affected

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by the 2005 oil spill. They also claimed that the residents seek employment to the company as compared seaweed farming.

- d. Mining overburden affecting the housing community within the mine operating area – SMPC replied that their East Dike, which was identified as a mitigation measure in their latest Environmental Performance Report and Management Program (EPRMP) covered by DENR-EMB ECC Reference Code 9805-009-302-A, has prevented possible siltation that may come from the mine overburden. They have also attached a certification from Brgy. Semirara Captain Noeli Lim that there were no complaints regarding the overburden.

Results of the verification and inspection showed the following:

I. FINDINGS – TOXIC WASTE AFFECTING THE MANGROVES

The verification inspection showed that SMPC is a registered hazardous waste generator with DENR HWG ID Numbers 06-06-005 issued 20 June 2005 and 06-06-0018 issued 10 December 2007. Reportorial requirements were also met. Transport and treatment of the toxic and hazardous waste materials were covered by the required Permit to Transport (PTT) and Certificate of Treatment (COT) from DENR-EMB accredited contractors. There is however a discrepancy in the volume of waste secured for a PTT with the volume treated as reflected in the COT. SMPC explained that the bigger volume of toxic and hazardous waste treated was compared to the smaller volume of toxic and hazardous waste transported from the mine site was brought by the additional volume of toxic and hazardous waste from SemCalaca Power Corporation which were combined during treatment.

An ocular inspection was also made on how SMPC manage and store their toxic and hazardous wastes. Figures 1 to 3 shows the management of their used oil wherein they have a dripping tank to collect used oil from their heavy equipment. The used oil was siphoned into the covered used oil tanks. SMPC uses the used oil to fire their power generating facility. The undersigned suggested to the SMPC Pollution Control Officer (PCO) to ensure and/or secure the necessary permit for the usage of used oil as this may be considered as an unauthorized disposal by burning.

K P →
W



Figure 1. Used Oil Dripping Tank



Figure 2. Used Oil Siphoning Equipment

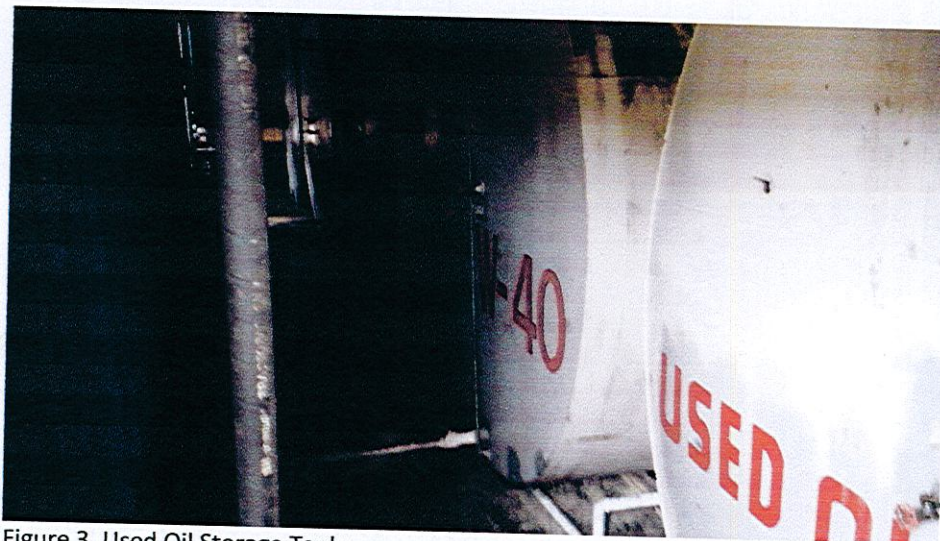


Figure 3. Used Oil Storage Tank

K B Reef

54

In the same manner, the toxic and hazardous waste storage area, other than the used oil, was inspected and showed that it was properly stored with labels. The Polychlorinated Biphenyls (PCB) Oil was contained separately as compared to other wastes such as busted fluorescent lamps, etc. as illustrated in Figures 4-6. It was however recommended to check on current and existing DENR-EMB guidelines on the proper labeling requirements of toxic and hazardous wastes. It was also recommended that the PCB Oil be transported, treated and properly disposed in their next schedule of transport and treatment.

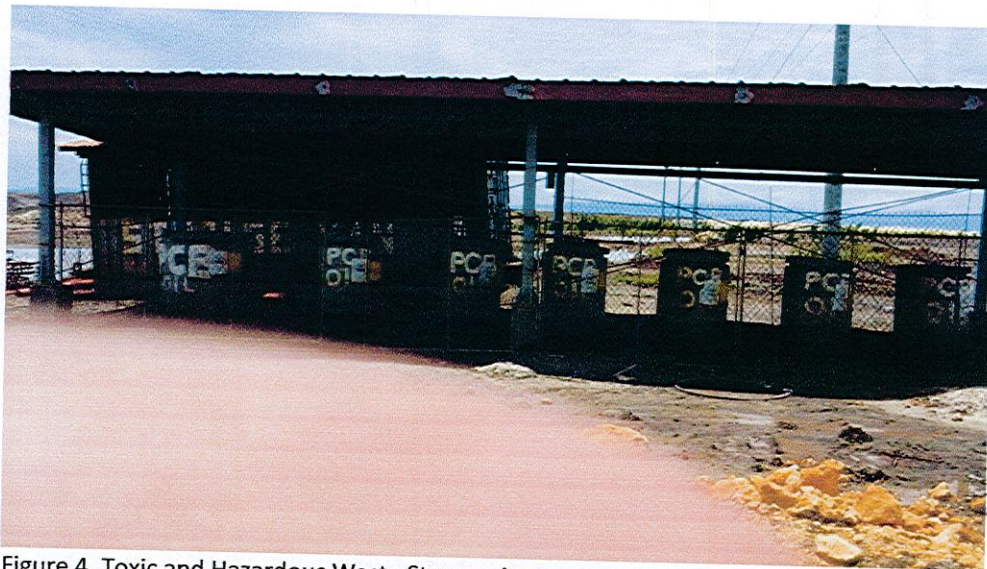


Figure 4. Toxic and Hazardous Waste Storage Area



Figure 5. Containment and Label of the PCB Oil

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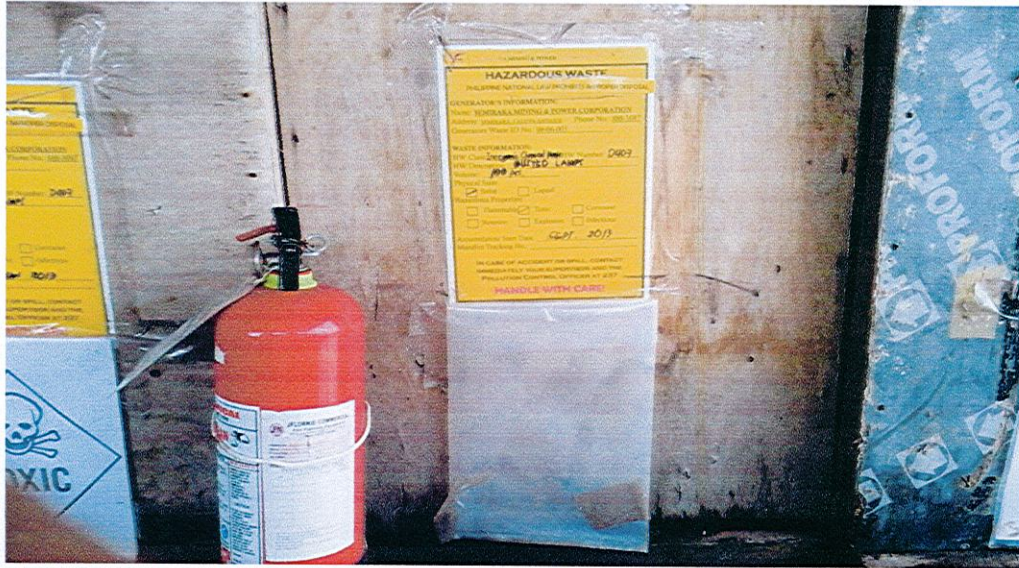


Figure 6. Busted Fluorescent Lamps

A visual inspection was also conducted on the nearest mangrove areas to the mining operation areas which were also affected by the 2005 NPC oil spill. The old-growth mangroves in Sitio Poblacion, Brgy. Semirara, which is the nearest community in the southeastern portion of the mining area were all in good condition as shown in Figure 7, while Figure 8 illustrate the condition of the mangroves in Sitio Kaybilo which is situated immediately after the East Dike of the mine operation. The Sitio Kaybilo was also affected during the 2005 NPC oil spill.



Figure 7. Old-growth mangroves along the coast of Sitio Poblacion, Brgy. Semirara. Shown in the far right is the East Dike of the mine operation.

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Figure 8. Old growth and planted mangroves in Sitio Kaybilo. Photo taken from the East Dike.

CONCLUSION

The verification has confirmed the reply of SMPC to the DOE letter that there are no toxic materials that are polluting the mangroves because the toxic and hazardous wastes generated by SMPC operation were properly stored to avoid accidental spill in the mangrove and other sensitive areas. Visual inspection of the mangroves also shows that they are in good condition.

II. FINDINGS – SULFUR CONTENT OF COAL PRODUCED

The SMPC laboratory results showed below 1% sulfur. As a matter of verifying the results, coal samples were taken from both the blended and unblended coal stockpile for analysis in the DOE laboratory. DOE laboratory analysis of the samples taken during the verification showed that sulfur content is only 0.4% sulfur. (Attachment C)



Figure 9. Coal sampling at the unblended coal stockpile.

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CONCLUSION

The sulfur content of the coal produced is below 1%.

III. FINDINGS – ADVERSE EFFECT ON THE LIVES OF SEAWEED FARMERS

An inquiry was made on the location of the few seaweed farming locations to check if it was affected by the mining operation and found that there are small patches of seaweeds as shown in Figure 10 located in Sitio Villaresis which is on the far southwest of the mining area protected by the West Dike in Tungao Point.

As also seen in the Figure 10, there is a good mangrove forest cover on the other side of the cove which manifest that the area is not affected by the mining operation. Some residents are also actively engaged in fishing as evidenced by some large fishing vessels docked at the port. See Figure 11.

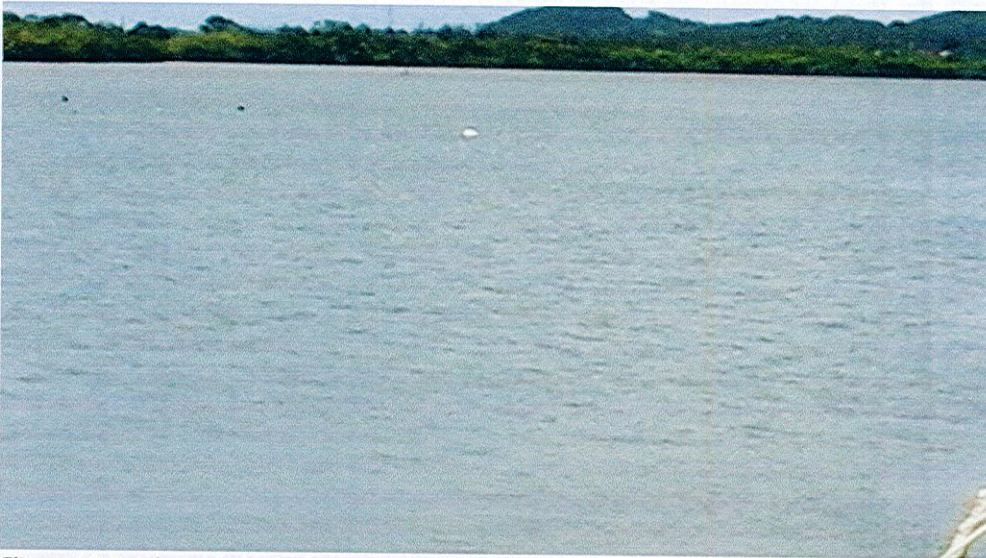


Figure 10. Patches of planted seaweeds with markers/buoys. Mangrove area opposite side of the cove.



Figure 11. One of the fishing vessels in Sitio Villaresis.

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Furthermore, most of the seaweed farms are located in Caluya and Panagatan Islands which are far from Semirara Island, where the existing mining operation is located.

CONCLUSION

There is no seaweed farm in Semirara island that was affected by the mining operation.

IV. FINDINGS – MINING OVERBURDEN AFFECTING THE HOUSING COMMUNITY WITHIN THE OPERATING AREA

Sitio Poblacion, Semirara is the nearest community to the active mining operations. Visual inspection on the coast of the locality showed that there are no siltation or whatever material coming from the mine operations. The East Dike is protecting the area from possible siltation from the overburden. Figure 12 illustrate the proximity of Sitio Poblacion, Semirara from the East Dike while Figure 13 shows the coastal area.



Figure 12. View of Sitio Poblacion, Semirara from the East Dike.

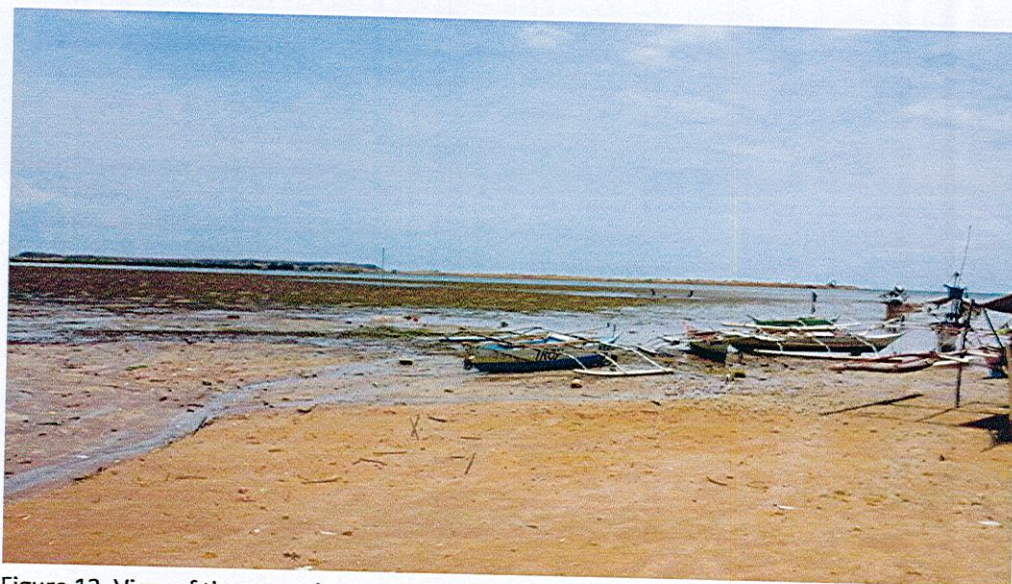


Figure 13. View of the coastal area of Sitio Poblacion, Semirara. Far left is the East Dike. Photo taken at low tide level.

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The next community that is in proximity with the mining area operations is Sitio Villaresis which is on the far southwest of the mining area protected by the West Dike in Tungao Point. Figure 14 illustrates the condition of the coastal area of Sitio Villaresis which shows that the existing mangrove forest is in good condition.



Figure 14. Coastal condition at Sitio Villaresis


CONCLUSION


The audit team verified that the dumping of overburden materials does not affect the nearby housing communities as these are dumped within the approved mining operation area far from the residential areas in Barangay Semirara.

SUMMARY

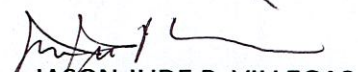
The DOE audit team verified that the mining operation of SMPC does not discharge toxic materials to the mangroves, the sulfur content of the coal is below 1%, there is no seaweed farm affected, and the dumping of overburden materials does not affect the nearby housing communities.

Respectfully submitted,


RINO E. ABAD
Director, ERDB


NENITO C. JARIEL, JR.
Chief, CNMD


BEN JULIUS G. GAGNI
Chief, Contracts Division


JASON JUDE P. VILLEGAS
Senior SRS, EPPB-ECCD


JANISH S. GUTIERREZ
Senior SRS, CNMD



Republic of the Philippines
DEPARTMENT OF ENERGY

Semirara Mining & Power Corporation
2nd Floor, DMCI Plaza Bldg
2281 Don Chino Roces Ave. Extension
Makati City

URGENT

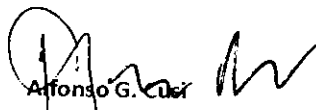
Attention: Isidro A. Consunji
Chief Executive Officer

From the information we have received from Department of Natural Resources and other news reports – please be advised that the Department of Energy pursuant to its mandated jurisdiction to oversee and manage the Philippine energy and power industry herein require your company to clarify and explain within 48 hours in writing the collateral issues raised against your company that affect this critical industry, i.e.

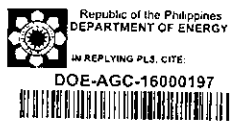
1. Toxic waste affecting the mangroves
2. Sulfur content of coal produced
3. Adverse effect on the lives of seaweed farmers
4. Poverty level in Semirara at 47%
5. Mining overburden affecting the housing community within your operating area
6. Land-grabbing issue

Further to these - our DOE technical staff and other concerned government agencies will be conducting technical audit(s) at your operating site to look into and assess this matter.

For your urgent and strict compliance.


Alfonso G. Cusi
Secretary of Energy

Cc:



Regina L. Lopez
Secretary of Environment and Natural Resources

Rafael V. Mariano
Secretary of Agrarian Reform



Attachment B

15 August 2016

HON. ALFONSO G. CUSI
Secretary
DEPARTMENT OF ENERGY
Energy Center, Bonifacio Global City
Taguig City



Subject: Collateral issues raised against Semirara Mining and Power Corporation (SMPC)

Dear Sec. Cusi:

Further to your letter dated 11 August 2016 on the above-captioned subject, we respectfully submit our clarification and explanation on the following issues raised against SMPC:

1. **Toxic waste affecting the mangroves.** - SMPC does not employ toxic chemicals in its mining processes as it only involves extraction, stockpiling, and shiploading. SMPC however is registered with the Department of Environment and Natural Resources-Environment Management Bureau (DENR-EMB) as Hazardous Waste Generator (HWG) under Republic Act 6969, "An Act to control toxic substances and hazardous and nuclear wastes, providing penalties for violations thereof, and for other purposes" to cover its equipment and facilities for hazardous materials such as used oil, batteries, electronic equipment and the like which are maintained and operated by SMPC, which DENR-EMB had issued us HWG Identification numbers hereto attached as Annexes "A1-A2". To reiterate, SMPC do not utilize toxic chemicals or materials in its operations.

Relative to the toxic waste allegedly affecting the mangroves, SMPC assures that wastes are not thrown to nor in direct contact with the environment or with the mangroves in the area including those planted by SMPC. These wastes (used oil, etc.) are handled properly and delivered to and shipped out by a DENR-Accredited Third-Party Transporter and Shipper to which we are attaching some permits and certification for year 2015 (Annex B1-B3).

Additionally, the closest incident, we could think of that affected the mangroves is the National Power Corporation (NPC) Oil Spill back in December 2005 when its barge ran aground along Semirara Island that heavily affected the mangroves. Note, however, that NPC had totally cleaned-up the area affected in Semirara Island with the Philippine Coast Guard-accredited private company specializing in oil-spill clean-up, the First Response Marine Services, Inc., Local Government Unit of Semirara and, SMPC.

Bridging the Future

A test conducted by a team of consultants composed of Marine Biologists from University of the Philippines in cooperation with PCG showed significant improvement in the area after the clean-up effort.

2. **Sulfur content of coal produced.** - Based on the analysis conducted by SMPC, generally, Semirara coal produced carry one percent or less (1%) of Sulfur, and to support this claim attached herewith is the Analytical Laboratory Analysis Report of Semirara coal for the period of July 19, 2016 to August 3, 2016 as Annexes "C1-C5". With this, the sulfur content of Semirara coal produced does not post danger to our employees nor to nearby residents.
3. **Adverse effect on the lives of seaweed farmers.** - Seaweeds production activities around Semirara Island are limited compared to Panagatan and other islands in the municipality of Caluya. In fact, in the Statistical Report (Annex "D") of the Municipality of Caluya for Seaweed Production, it showed that Semirara Island contributed only 3.56 % percent in 2015 to seaweed production proving that more residents prefer employment with the company for regular income than to depend on the sea and changing seasons for livelihood. It is also worthy to note that before the NPC Oil Spill incident, SMPC initiated a livelihood project known as "LANTAY" with Four Hundred Twenty (420) cages of seaweeds.
4. **Poverty level in Semirara at 47%.** - SMPC had contributed very much to the coffers of our National and Local Government. In 2015, the Provincial Government of Antique received as high as One Hundred Forty-Four Million Pesos (P144, 000,000.00), Three Hundred Twenty-Three Million Pesos (P 323,000,000.00) for the Municipality of Caluya, and Barangay Semirara received Two Hundred Fifty-One Million Pesos (P251,000,000.00). Additionally, in Barangay Semirara alone, its resources have grown over the years that its capability to build public infrastructure such as Multipurpose Gym located in the campus of Semirara National High School, its Disaster Operation Center that is a key feature of its Gawad Kalasag nomination, and barangay roads are evidenced.

SMPC also continues to seek opportunities to sustainably help the residents of the island. It exerts effort to maintain good relationships with the leaders and key sectors of the communities so that the benefits they derive from company operations continue to grow; it has given numerous trainings to provide alternative livelihood sources and introduce new skills: dressmaking, integrated pest management, palay growing, seaweeds cage farming, livestock farming, among others, but the fishing support has so far been the most successful.

5. **Mining overburden affecting the housing community within your operating area.**- In order to comply with the conditions setforth in our Environmental Compliance Certificate (Reference Code 9805-009-302A), the construction of East Dike along the shores of Barangay Semirara using overburden materials is needed to prevent siltation and to avoid pollutants from being discharged into nearby water streams. We are attaching a Certification from Punong Barangay

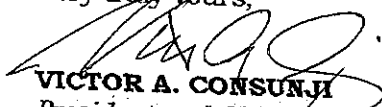
of Semirara (Annex "E"), clearing that there was no complaint posted against Semirara over the construction of this project as it was also presented in the public hearing conducted for the purpose of our ECC application.

6. **Land-grabbing issue.** - The whole island of Semirara, particularly Barangay Semirara is part of the Coal Mining Reservation under Proclamation No. 649 issued in November 20, 1940. Considering said law, lands within the reservation are mineral lands as defined under 1987 Philippine Constitution. In the exercise of its rights and obligations as contractor under the Coal Operating Contract with the Department of Energy, SMPC negotiates with land occupants regarding the lots they occupy voluntarily without coercion and for a consideration. SMPC has not deprived nor encroached upon another property. To support this, attached are Certifications from Punong Barangay of Semirara Island as "Annex F1-F3".

We hope that the foregoing clarifies the issue that have been hurled against SMPC.

Thank you.

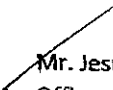
Very truly yours,

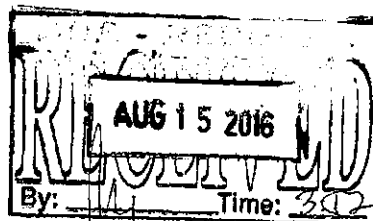

VICTOR A. CONSUNJI
President and Chief Operating Officer

Cc:

Hon. Donato D. Marcos
Undersecretary

Christine Arellano
Christine Arellano


Mr. Jesus Cristino Posadas
Office of the Secretary



RES MARGASOT

Annex "A1"



Republic of the Philippines
DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES
ENVIRONMENTAL MANAGEMENT BUREAU
Office of the Regional Director
Region VI, Pepita Aquino Avenue, Iloilo City
Tel. No.: (033)3369910 * Telefac: (033)3379801 * Email: embr6@iloilo.ecd

20 June 2005

GEORGE S. SAN PEDRO
VP/Resident Manager
SEMIRARA Mining Corporation
Semirara Island, Caluya, Antique

Dear Sir:

This is to acknowledge receipt of your Hazardous Waste registration form as mandated under Republic Act 6969 and DENR Administrative Order No. 29, the Implementing Rules and Regulations of RA 6969. Your company is now included in the list of Hazardous Waste Generators with DENR HWG ID No. 06-06-005. Please refer to this number whenever you make transactions with our office on matters pertaining RA 6969.

Please be informed that you are required to submit reports on the week after the end of the quarter. Attached herewith is the prescribe form for you to accomplish and submit every quarter.

Please be guided accordingly.

Very truly yours,


BIENVENIDO L. LIPAYON
OIC-Regional Director



Respectfully
Annex A2

Republic of the Philippines
DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES
ENVIRONMENTAL MANAGEMENT BUREAU
Office of the Regional Director
Region VI, Pepita Aquino Avenue, Iloilo City
Tel. No.: (033)3379801 * Telefax: (033)3369910 * Email: embri6@yahoo.com

December 10, 2007

MR. GEORGE G. SAN PEDRO
VP, Resident Manager
Semirara Mining Corporation Infirmery
Semirara Island, Caluya, Antique

Dear Sir:

This is to acknowledge receipt of your Hazardous Waste Generator's registration form as mandated under Section 26 of DENR Administrative Order No. 29, the Implementing Rules and Regulations of RA 6969. Your company is now included in the list of Hazardous Waste Generators with DENR HWG ID No. **06-06-0018**. Please refer to this number whenever you make transactions with our office on matters pertaining RA 6969.

Please be informed that you are required to submit reports on the week after the end of the quarter. Attached herewith is the prescribe form for you to accomplish and submit every quarter.

Please be guided accordingly.

Very truly yours,


BIENVENIDO L. LIPAYON
OIC-Regional Director ✓



Republic of the Philippines
 DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES
ENVIRONMENTAL MANAGEMENT BUREAU
 Regional Office No. III 4/F Mel-Vi Bldg., Giomango-Gapan Road
 Dolores, City of San Fernando, Pampanga
 Telefax Nos. (045) 861-5203; 861-5206; 861-2361

Annex "B1"

PT No. 03-14-0215- **0424**

TRANSPORT PERMIT

Pursuant to the provisions of Republic Act 6969 and DENR Administrative Orders No. 92-29 and 04-36, the Implementing Rules and Regulations of thereof, this PERMIT is hereby GRANTED to:

**HMR ENVIROCYCLE PHILIPPINES INC./
 EVERGREEN ENVIRONMENTAL RESOURCES INC.**
 TP 4A-34-0030 / TR R3-14-00007
 (Permittee)

Sta. Maria Industrial Park (SMIP), Brgy. Balasing, Sta. Maria, Bulacan

for the transport of hazardous waste (s) which will be valid for six (6) months from the date of issuance subject to the following conditions:

1. This Permit shall be limited only for the transport of

Class and Description of Waste(s)	Waste No. (s)	Quantity (ies), MT	Treatment Process(es)
Lead Compounds (Used Batteries)	D405	30 MT	Recycling (Lead Smelting)

generated by *Semirara Mining and Power Corporation (DENR ID No.06-06-005)* located *Semirara Island, Caluya, Antique* for treatment at TSD Facility of *Evergreen Environmental Resources Inc.*

2. Only the following registered hazardous waste vehicles of **HMR ENVIROCYCLE PHILIPPINES INC.** TP No. 4A-34-0030 shall be used to transport the wastes:

Type of Conveyance	Plate No(s).	Net capacity, kg	Owned/Leased
Isuzu Cargo Alum. Wing Van Truck	RJY 804	12,000	Owned
Isuzu Ref. Van	RGW 449	12,250	Owned
Isuzu Elf Dropside	WGH 706	2,250	Owned
Isuzu Elf Close Van	RGM 258	2,150	Owned

- Proper handling, labeling and storage of the wastes shall be observed.
- Transport personnel shall carry official documents identifying the contents of hazardous wastes on board including emergency and contingency equipment in case of accidents and/or spills.
- Hazardous Waste Manifest Form shall be prepared for every transport and a copy of which shall be submitted to this Office and EMB Region 6 within seven (7) days of each completed transport.
- All the waste shall be treated within the TSD facility and the corresponding Certificate of Treatment (COT) shall be issued to the Generator and a copy of which shall be submitted to this Office and EMB Region 6.
- If for any reason, the treatment of the said waste is not successful, the waste will be returned to the Generator.
- The Permittee, Transporter and Generator shall be jointly and severally liable for any accident/damage to persons, property and the environment that may arise on the occasion or in relation to the transport/export of the wastes.

Any violation(s) of the conditions in this Permit is punishable under RA 6969.


Issued this **APR 24 2015** in City of San Fernando, Pampanga.

LORMELYN E. CLAUDIO, CESO IV
 Regional Director

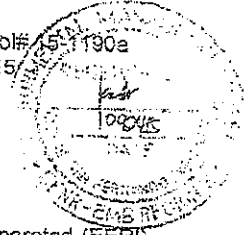
cc: The Regional Director, EMB Region 6
 Semirara Mining and Power Corporation

"The Earth is the Lord's and all that is in it" (Psalm 24:1)
 ...Let's be good stewards!"

Annex "B2"

 EVERGREEN ENVIRONMENTAL RESOURCES INC.

Certification Control# 15-190a
21 September 2015



CERTIFICATION

This is to certify that Evergreen Environmental Resources, Incorporated (EERI), a registered lead-acid battery recycling plant with office and plant in Sta. Maria Industrial Park, Brgy. Balasing, Sta. Maria, Bulacan, has disposed of the scrap lead-bearing materials (D406) delivered by Semirara Mining Corporation from their facility in Calaca, Batangas.

Waste type	Total weight, MT	Date delivered	Date treated
Inorganic compounds Used lead-acid batteries	57.540	8/13/2015	9/13/2015

This certification will cover all scrap lead-bearing materials (D406) delivered from August 13, 2015.

The resulting effluent of the disposal process has complied with the Environmental Standards of the Philippines.

This certification is issued in compliance with DAO 29 Section 26.2.

LEO B. MANUIS, JR.
Pollution Control Officer

MATTHIAS WROBLEWITZ
General Manager

PERMIT TO TRANSPORT

PT No. RAA-15-05-035

Pursuant to Section 27: Waste Transport and Treatment Administrative Order No. 02-02-00, the implementing rules and regulations of RA 6969: Toxic Substances and Hazardous and Nuclear Wastes Control Act of 1990, this PERMIT is hereby GRANTED to:

HMR ENVIROCYCLE PHILIPPINES, INC.
(TR 4A-34-00012)
Silangan Industrial Park, Cantubang, Calamba, Laguna
(Permittee)

for the transport of hazardous waste(s) which will be valid for six (6) months from the date of issuance subject to the following conditions:

1. This Permit shall be limited only for the transport of

Class and Description of Waste	Waste No.	Quantity	Treatment Process
Waste Electrical & Electronic Equipment (WEEE)	M506	100 kgs	Physical Destruction/Dismantling

generated by SEMIRARA MINING AND POWER CORPORATION (SMPC) (DENR ID No. 06-06-005/06-06-0018) [Generator] located at Semirara, Caluya, Antique to be reprocessed/recycled at Permittee's facility;

2. Only the following registered hazardous waste vehicles of HMR Envirocycle Phils., Inc. with Registration ID No. TP-4A-34-0030 shall be used to transport the wastes:

Type of Conveyance	Plate No(s)	Net capacity, kg	Owned/Leased
Isuzu Elf Dropside	WGH 706	2,250	Owned
Isuzu Elf Close Van	RGM 258	2,150	Owned
Isuzu Ref. Van	RGW 449	12,250	Owned
Isuzu Cargo Alim. Wing Van Truck	RJY 804	12,000	Owned

- Proper handling and storage of the wastes shall be observed and containers shall be labeled properly;
- Transportation personnel shall carry official documents identifying the contents of hazardous wastes on board including emergency and contingency equipment in case of accidents and / or spills of the hazardous wastes;
- Hazardous Waste Manifest shall be prepared for every transport and a copy of the duly notarized manifest form attached with pictures of the actual loading and unloading of hazardous wastes, shall be submitted to this Office within seven (7) days of each completed movement;
- All the waste shall be treated within the TSD facility and the corresponding Certificate of Treatment (COT) shall be issued to the Generator and a copy of which shall be submitted to this Office.
- Under no circumstances shall a transport or treatment of hazardous waste be undertaken in the event that the Transporter or TSD Registration expires within the validity of this Permit until the renewal of the same has been approved;
- If for any reason, the treatment of the said waste is not successful, the waste will be returned to the Generator.
- The Permittee, Transporter and Generator shall be jointly and severally liable for any accident/damage to persons, property and the environment that may arise on the occasion or in relation to the transport/export of the wastes.

Any violation(s) of the conditions in this Permit is punishable under RA 6969.
issued this JUNE 2015, in Ermita Manila.

ENGR. CARLOS J. MAGNO
Regional Director

cc: - The Regional Director - Region IV
SEMIRARA MINING AND POWER CORPORATION (SMPC)
CONFORME: _____
HMR Envirocycle Philippines, Inc.

Republic of the Philippines
DEPARTMENT OF ENVIRONMENT
AND NATURAL RESOURCES
DPS-CALABARZON



6th Floor DENR by the Bay Bldg., 1515 Roxas Blvd.,

Product

Annex "C1"

Semirara Mining & Power Corporation
Semirara Island, Cebu, Antique

ANALYTICAL LABORATORY
ANALYSIS REPORT

REQUESTING DEPARTMENT : PRODUCT
 SAMPLE TYPE : SPECIAL SAMPLE
 SAMPLE SOURCE : SOUTH CSS
 SUBMITTED BY : QMD/NCM
 DATE RECEIVED : 7/15/16
 DATE ANALYZED : 7/15-18/16

LAB NO.	SAMPLE DESCRIPTION	LOT NO.	"AS DETERMINED" BASIS				GCV	%ADL	%S
			%RM	%VCM	%ASH	%FC			
05-0615	SOCS 2059	1	13.05	38.67	4.57	43.70	10,571	11.81	0.27
05-0616		2	12.42	39.21	4.97	43.40	10,686	11.14	0.45
05-0617		3	10.86	36.64	5.67	44.83	10,762	11.45	0.35

LAB NO.	SAMPLE DESCRIPTION	LOT NO.	"AS RECEIVED" BASIS				GCV	%S
			%TM	%VCM	%ASH	%FC		
05-0615	SOCS 2059	1	23.33	34.10	4.03	38.54	9,323	0.24
05-0616		2	22.18	34.84	4.42	38.57	9,496	0.40
05-0617		3	21.07	34.22	5.02	39.70	9,530	0.31

AR NO. DATE: PREPARED BY: CERTIFIED CORRECT BY: APPROVED BY:

05-0814/16 7/18/16 *E. J. M. Huanangit* *E. DC. Ponsica* *E. A. Gayondato*

Annex "C2"

Semirara Mining & Power Corporation
Semirara Island, Caluya, Antique

ANALYTICAL LABORATORY
ANALYSIS REPORT

REQUESTING DEPARTMENT : PRODUCT
SAMPLE TYPE : SPECIAL SAMPLE
SAMPLE SOURCE : SOUTH CBS
SUBMITTED BY : VCT
DATE RECEIVED : 7/23/16
DATE ANALYZED : 7/24-25/16

LAB NO.	SAMPLE DESCRIPTION	LOT NO.	%RM	"AS DETERMINED" BASIS				GCY BTU/lb	%ADL	%S
				%VCM	%ASH	%FC				
05-0518	SOCS 2060	1	13.26	39.02	7.29	40.49	10,166	11.02	0.42	
05-0519		2	14.01	38.96	5.77	41.26	10,186	10.21	0.37	

LAB NO.	SAMPLE DESCRIPTION	LOT NO.	%TM	"AS RECEIVED" BASIS				GCY BTU/lb	%S
				%VCM	%ASH	%FC			
05-0518	SOCS 2060	1	22.62	34.72	6.49	35.97	9,046	0.37	
05-0519		2	22.79	34.98	5.15	37.05	9,141	0.33	

AR NO. DATE: PREPARED BY: CERTIFIED CORRECT BY: APPROVED BY

05-0249/16 7/25/16 *E. J. M. Humangit* *E. J. M. Humangit* *E. A. Gayandeto*
E. J. M. Humangit E. J. M. Humangit E. A. Gayandeto

Annex "C3"

Lab Product

Semirara Mining & Power Corporation
Semirara Island, Cauya, Antique

ANALYTICAL LABORATORY
ANALYSIS REPORT

REQUESTING DEPARTMENT : PRODUCT
SAMPLE TYPE : SPECIAL SAMPLE
SAMPLE SOURCE : PANIAN
SUBMITTED BY : CBC
DATE RECEIVED : 8/2/16
DATE ANALYZED : 8/3/16

LAB NO.	SAMPLE DESCRIPTION	LOT NO.	"AS DETERMINED" BASIS				GCV BTU/lb	% ADL	% S
			% RM	% VCM	% ASH	% FC			
05-0630	SOCS 2085	1	14.23	40.16	4.29	41.27	10,470	11.42	0.27
05-0631		2	14.31	40.19	4.29	41.21	10,474	10.59	0.30
05-0632		3	14.35	40.27	3.49	41.89	10,571	10.49	0.29

LAB NO.	SAMPLE DESCRIPTION	LOT NO.	"AS RECEIVED" BASIS				GCV BTU/lb	% S
			% TM	% VCM	% ASH	% FC		
05-0630	SOCS 2065	1	24.07	35.57	3.80	36.56	9,274	0.24
05-0631		2	23.38	35.93	3.94	36.85	9,365	0.27
05-0632		3	23.33	36.05	3.12	37.50	9,462	0.26

AR NO. DATE: PREPARED BY: CERTIFIED CORRECT BY: APPROVED BY:

05-0881/16 8/3/16 *E. J. M. Humangit* *E. DC. Ponsica* *E. A. Gaychete*

E. J. M. Humangit E. DC. Ponsica E. A. Gaychete

Result

Annex "C4"

Semirara Mining & Power Corporation
Semirara Island, Catuyo, Antique

ANALYTICAL LABORATORY
ANALYSIS REPORT

REQUESTING DEPARTMENT : PRODUCT
 SAMPLE TYPE : SPECIAL SAMPLE
 SAMPLE SOURCE : PANAN
 SUBMITTED BY : CBC
 DATE RECEIVED : 8/2/16
 DATE ANALYZED : 8/3/16

LAB NO.	SAMPLE DESCRIPTION	LOT NO.	"AS DETERMINED" BASIS				GCV	% ADI	%S
			% RM	% VCM	% ASH	% FC			
05-0833	SOCS 2066	1	13.58	38.04	9.59	38.78	9,756	14.63	0.42
05-0834		2	12.64	39.21	7.78	40.37	10,095	18.42	0.56
05-0835		3	12.78	40.61	7.89	38.72	9,900	18.57	0.75

LAB NO.	SAMPLE DESCRIPTION	LOT NO.	"AS RECEIVED" BASIS				GCV	%S
			% TM	% VCM	% ASH	% FC		
05-0833	SOCS 2066	1	25.23	32.47	6.19	33.11	8,330	0.36
05-0834		2	26.73	31.99	6.36	32.93	8,236	0.46
05-0835		3	28.98	33.07	6.42	31.53	8,052	0.61

AR NO. DATE: PREPARED BY: CERTIFIED CORRECT BY: APPROVED BY:

06-0882/16 8/3/16 *E. J. M. Humangit* *E. J. C. Ponsica* *E. A. Cayoncato*

Print

Annex "C5"

Semirara Mining & Power Corporation
Semirara Island, Caluya, Antique

ANALYTICAL LABORATORY
ANALYSIS REPORT

REQUESTING DEPARTMENT : PRODUCT
 SAMPLE TYPE : SPECIAL SAMPLE
 SAMPLE SOURCE : NORTH CBS
 SUBMITTED BY : CBC
 DATE RECEIVED : 9/1/16
 DATE ANALYZED : 8/2/16

LAB NO.	SAMPLE DESCRIPTION	LOT NO.	% RM	"AS DETERMINED" BASIS				GCV BTU/lb	% ADL	% S
				% VCM	% ASH	% FC				
05-0627	SOCS 2054	1	15.34	39.28	4.53	41.15	10,285	10.75	0.24	
05-0628		2	14.66	39.89	4.21	41.27	10,371	10.90	0.26	
05-0629		3	14.35	39.04	5.29	41.32	10,202	12.10	0.28	

LAB NO.	SAMPLE DESCRIPTION	LOT NO.	% TM	"AS RECEIVED" BASIS				GCV BTU/lb	% S
				% VCM	% ASH	% FC			
05-0627	SOCS 2054	1	24.17	35.06	4.04	36.73	9,179	0.21	
05-0628		2	23.42	35.78	3.78	37.02	9,303	0.24	
05-0629		3	24.71	34.32	4.65	36.32	8,966	0.25	

AR NO. DATE: PREPARED BY: CERTIFIED CORRECT BY: APPROVED BY:

08-0875/16 8/2/16

E. J. M. Hermangit
E. J. M. Hermangit

E. B. Pansico
E. B. Pansico

E. A. Gayondato
E. A. Gayondato

Annex "D"



Republic of the Philippines
Province of Zamboanga
Municipality of Caluya



OFFICE OF THE MUNICIPAL AGRICULTURIST

SEMIHARA ISLAND ANNUAL SEAWEEDS PRODUCTION

YEAR	METRIC TONS (mt.)
2011	62.65
2012	54.915
2013	52.05
2014	23.12 (first term)

CALUYA ANNUAL SEAWEEDS PRODUCTION

YEAR	METRIC TONS (mt.)
2011	132.95
2012	128.12
2013	150.55
2014	100.41 (2nd term)

Prepared by:


RICARDO F. BENAS
Agricultural Technologist

Annex "E"


REPUBLIC OF THE PHILIPPINES
PROVINCE OF ANTIQUE
MUNICIPALITY OF CALUYA
BARANGAY SEMIRARA

OFFICE OF THE PUNONG BARANGAY

CERTIFICATION

This is to certify that there was no reports nor complaints coming from the residents of this barangay regarding the construction of East Dike along our shores. The same was also presented as one of the projects of construction during the public consultation for the Environmental Compliance Certificate application of Semirara Mining and Power Corporation for its East Panian Porject.

This Certification was issued on August 12, 2016 at the Barangay Hall of Semirara, Caluya, Antique for whatever legal purpose it may serve the requester.


NOEL G. LIM
Punong Barangay

Annex "F1"

REPUBLIC OF THE PHILIPPINES
PROVINCE OF ANTIQUE
MUNICIPALITY OF CALUYA
BARANGAY TINOGBOC

OFFICE OF THE PUNONG BARANGAY

CERTIFICATION

This is to certify that after a careful review of the records of this barangay, there was no incident or complaint filed or have been recorded for an alleged Land-grabbing incident or complaint which took place within its jurisdiction.

Furthermore, there was no person who came claiming that he/she was deprived of and dispossessed of his/her property by force nor was there a claim that they were evicted of their properties.

This Certification was issued on August 11, 2016 at Barangay Hall of Tinogboc, Caluya, Antique for whatever legal purpose it may serve the requester.


ROMEO MALXI
Punong Barangay

Annex "F2"

REPUBLIC OF THE PHILIPPINES
PROVINCE OF ANTIQUE
MUNICIPALITY OF CALUYA
BARANGAY SEMIRARA

OFFICE OF THE PUNONG BARANGAY

CERTIFICATION

This is to certify that after a careful review of the records of this barangay, there was no incident or complaint filed or have been recorded for an alleged Land-grabbing incident or complaint which took place within its jurisdiction.

Furthermore, there was no person who came claiming that he/she was deprived of and dispossessed of his/her property by force nor was there a claim that they were evicted of their properties.

This Certification was issued on August 11, 2016 at Barangay Hall of Semirara, Caluya, Antique for whatever legal purpose it may serve the requester.


NOELI G. LIM
Punong Barangay

Annex "F3"

REPUBLIC OF THE PHILIPPINES
PROVINCE OF ANTIQUE
MUNICIPALITY OF CALUYA
BARANGAY ALEGRIA

OFFICE OF THE PUNONG BARANGAY

CERTIFICATION

This is to certify that after a careful review of the records of this barangay, there was no incident or complaint filed or have been recorded for an alleged Land-grabbing incident or complaint which took place within its jurisdiction.

Furthermore, there was no person who came claiming that he/she was deprived of and dispossessed of his/her property by force nor was there a claim that they were evicted of their properties.

This Certification was issued on August 11, 2016 at Barangay Hall of Alegria, Caluya, Antique for whatever legal purpose it may serve the requester.


MODESTA G. PIONELO
Punong Barangay

MEMORANDUM
September 6, 2016

To : L. C. Fernandez
Chief, ECCD

From : *A. M. de Guzman*
A. M. de Guzman
Director, ERTLS

Subject : Laboratory Analysis / Test Report
LWO No. 2016-09-133

Attached is the laboratory analysis / test report on four (4) coal samples that were submitted to us on August 30, 2016.

For your guidance, depending on the nature of sample/s, the laboratory may opt to dispose of them six (6) months from the date of release of their analysis / test report.

9-1464
09 SEP 2016
ecad



Laboratory Analysis/Test Report

Date : September 6, 2016
 LWO No. : 2016-09-133

Sample Description : Four packs of coal sample marked "BC-1", "BC-2", "UBC-1" and "UBC-2"
 Date Received : August 30, 2016
 Date Test Completed : September 2, 2016
 Basis : Air-dried

Summary of Results:

Analysis	Method	Sample Marked			
		"BC-1"	"BC-2"	"UBC-1"	"UBC-2"
Air Drying Loss, % mass fraction	ISO 5068-1:2007	13.2	9.1	11.1	12.1
Sulfur, weight %	ASTM D 4239-05 Method B	0.41	0.40	0.26	0.26

The test results presented in this report relate only to the item/s tested. This report is submitted for the exclusive use of the customer to whom it is addressed. No part of this test report shall be quoted or used for promotional purposes without the written approval of the Department of Energy.

Analyzed By: *S. Sebastian*
 Sheryl B. Sebastian

Checked By: *A. Lausa*
 Aileen Gay A. Lausa

Noted By: *M. Gomez*
 Marietta V. Gomez