

# **GPI**

**2<sup>nd</sup> Quarter 2022 AEPEP**

# 1.0 LAND RESOURCES

## 1.2 Nursery Operation

Particular	Target (Physical/Financial)			Accomplishment (Physical/Financial)		
	Annual	Quarter	As of Quarter	Quarter	As of Quarter	%Annual
<b>No. of Nursery Constructed</b>	<b>1</b>	-	<b>1</b>	-	<b>0</b>	<b>0%</b>
	<b>231,449.</b>	-	<b>231,449</b>	-	<b>0</b>	<b>0%</b>
<b>Bamboo Propagules Production</b>	<b>500</b>	<b>500</b>	<b>500</b>	<b>0</b>	<b>0</b>	<b>0%</b>
	<b>25,000</b>	<b>25,000</b>	<b>25,000</b>	<b>0</b>	<b>0</b>	<b>0%</b>

### Remarks and Recommendation:

1. As of 2Q2022 land preparation is 100%  
→ Waiting for the approval of purchase of materials.
2. Accelerate this activity to catch up with the plan for CY 2022

Activities		Unit of Measure	Target			Accomplishment		
			Annual	Quarter	As of 2nd Quarter	Quarter	As of 2nd Quarter	% Annual
1.1 Establishment of Bamboo Plantation	1.1.a Establishment of Bamboo Plantation	Hectares established	20	5	10	10 (0%)	10 (100%)	50%
		Financial (PHP)	497,760	124,440	248,880	213,000 (171.17%)	213,000 (85.58%)	42.79%
	1.1.b Bamboo Propagules Planted	No. of bamboo propagules planted	4,080	1,020	2,040	2,040 (0%)	2,040 (100%)	50%
		Financial (PHP)	204,000	51,000	102,000	102,000 (200%)	102,000% (100%)	50%
	1.1.c Care and Maintenance	Hectares maintained	20	10	10	-	-	-%
		Financial (PHP)	70,176	17,544	35,088	0	0	0

## 2.0 Water Resource and Quality

### 2.2 Waste Management

Particular		Target (Physical/Financial)			Accomplishment (Physical/Financial)		
		Annual	Quarter	As of Quarter	Quarter	As of Quarter	%Annual
<b>Volume of Waste produced</b>	<b>Solid waste</b>	<b>520 kg</b>	<b>130 kg</b>	<b>260kg</b>	<b>1030 kg (198.08%)</b>	<b>1680 kg (323.08%)</b>	<b>323.08%</b>
	<b>Haz waste</b>	<b>449</b>	<b>112.25 kg</b>	<b>224.50</b>	<b>7645 kg (1,702.67%)</b>	<b>7645kg (1,702.67%)</b>	<b>1,702.67%</b>
<b>No. Solid and Hazardous Wastes Hauling</b>		<b>4</b>	<b>1</b>	<b>2</b>	<b>1 (100%)</b>	<b>2 (100%)</b>	<b>50%</b>
		<b>12,000</b>	<b>3,000</b>	<b>6,000</b>	<b>3,500 (116.67%)</b>	<b>7,000 (116.67%)</b>	<b>58.33%</b>

#### Justification for Large Waste Production:

- 1. Solid waste:** due to the ongoing clean up in the scrap yard.
- 2. Hazardous waste:** No disposal of hazwaste in 2021.

**For the Financial:** there is an increase of the hauling fee from the budgeted 3,000, to 3,500.

## 2.0 Water Resource and Quality

Activities	Unit of Measure	Target			Accomplishment		
		Annual	Quarter	As of 2nd Quarter	Quarter	As of 2nd Quarter	% Annual
2.1 General housekeeping of Petcoke, KILN; desilting and maintenance of drainage system and MOL Plant	No of Drainage system maintained	4	4	4	4	4	50%
	No. of backhoe procured	1	-	1	-	1	100%
	Financial (PHP)	6,750,000	-	6,750,000	-	6,750,000	100%

### 3.0 Air Quality

Activities	Unit of Measure	Target			Accomplishment		
		Annual	Quarter	As of 2nd Quarter	Quarter	As of 2nd Quarter	% Annual
3.1 Maintenance of Air Pollution Control Equipment / Devices (e.g Replacement of filter bags, repair of gas trap etc)	No. of APCE/D maintained	3	3	3	3	3	50%
	Financial (PHP)	990,000	247,500	495,000	-	1,059,000 (213.94%)	106.97%

**Justification for the high expenditure for maintenance of APCE/D:** High expenses in the maintenance of APCE/D was due to the repair of gas trap on top of the replacement of filter bags and insulation.

3.0 Air Quality

Activities	Unit of Measure	Target			Accomplishment		
		Annual	Quarter	As of 2nd Quarter	Quarter	As of 2nd Quarter	% Annual
3.2 Sprinkling of Road Network and Periphery	Distance (kms)	0.6	0.6	0.6	0.6	0.6	50%
	Area (sq. m)	3,000	3,000	3,000	3,000	3,000	50%
	No. of road watering activities	20	5	10	5 (100%)	10 (100%)	50%
	Financial (PHP)	24,000	6,000	12,000	6,000 (100%)	12,000 (100%)	50%

### 3.0 Air Quality

Activities	Unit of Measure	Target (Physical/Financial)			Accomplishment (Physical/Financial)		
		Annual	Quarter	As of Quarter	Quarter	As of Quarter	%Annual
3.3 Road Sweeping	No. of days	288	72	144	91 (126%)	174 (121%)	60.42%
		92,160	23,040	46,080	33,269.45 (144.40%)	55,680.00 (120.83%)	60.42%
	No. of days (During Petcoke Hauling)	3	-	1	1 (--%)	1 (100%)	33%
		435,000	-	145,000	10,776.02 (-%)	45,497.98 (31.38%)	10.46%

**Justification for increased expenditure in Daily Road sweeping:**  
 Increase in the mandays: from 72 mandays to 91 mandays

**Remarks for conducting petcoke hauling this 2<sup>nd</sup> qtr:** late arrival of Petcoke supply (March 19, 2022), hauling started in March and it was completed in April 2022.



### 3.0 Air Quality

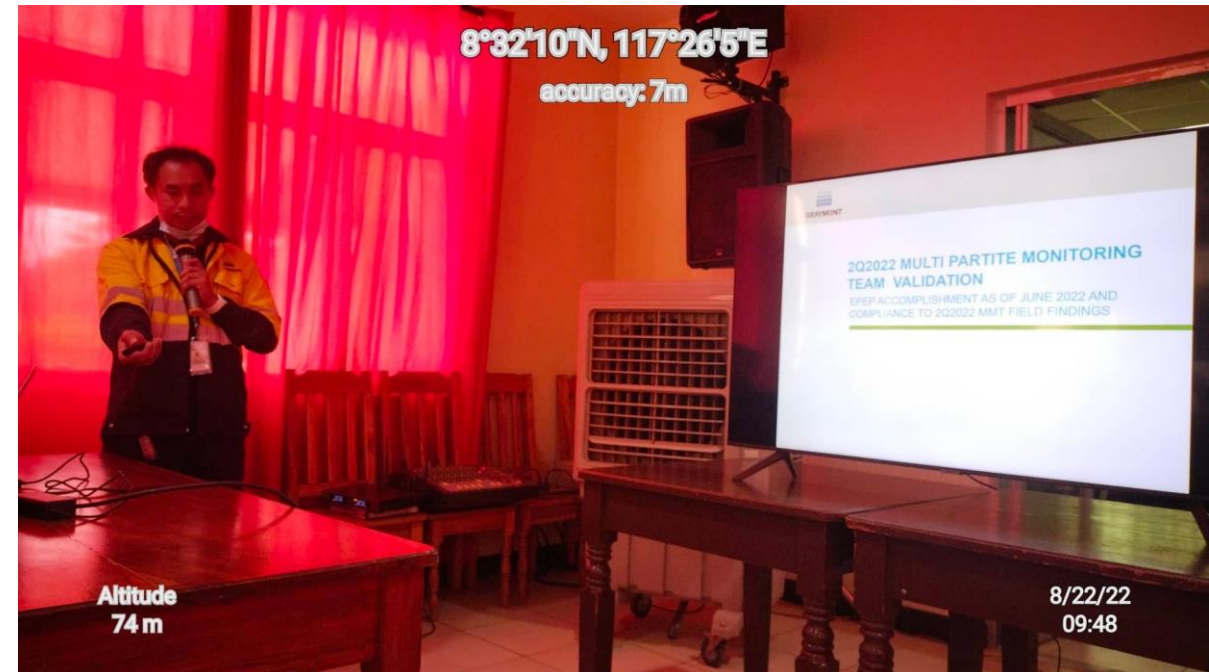
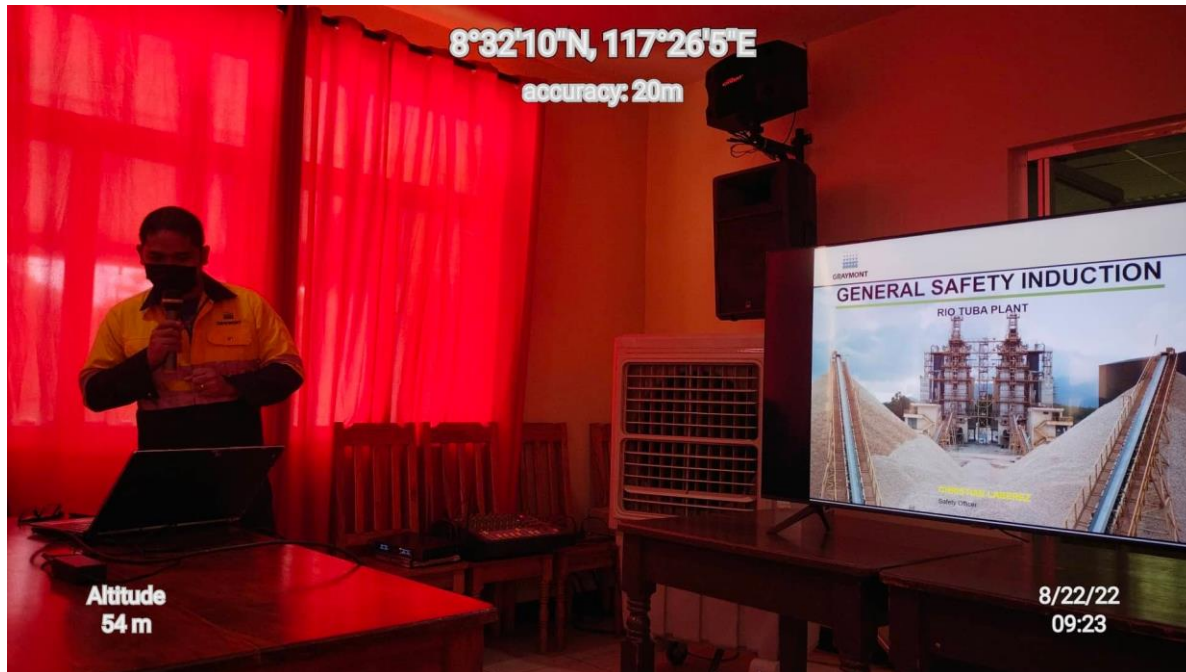
Activities	Unit of Measure	Target			Accomplishment		
		Annual	Quarter	As of 2nd Quarter	Quarter	As of 2nd Quarter	% Annual
Air quality Monitoring  3.4.1 In house	Physical (no. of sampling conducted)	12	3	6	3 (100%)	3 (100%)	50%
	No. of gastect detector tube purchased / used	12	3	6	3 (100%)	3 (100%)	50%
	Financial (PHP)	72,256	18,564	37,128	18,564 (100%)	37,128 (100%)	50%
Air quality Monitoring  3.4.2 Third Party (Stack Gas Emission and Ambient Air)	Physical (no. of monitoring conducted)	1	-	-	-	-	-
	Financial (PHP)	156,000	-	-	-	-	-%

## 4.0 Noise and Vibration

Activities	Unit of Measure	Target			Accomplishment		
		Annual	Quarter	As of 2nd Quarter	Quarter	As of 2nd Quarter	% Annual
4.1 Maintenance of Noise Control Measures in RMH Discharge Chute and Others	No. of maintenance	4	1	2	1 (100%)	2 (100%)	50%
	Financial (PHP)	6,000	1,500	3,000	0	0	0%
4.2 Calibration of noise monitoring equipment.	no. of calibration conducted	1	0	0	1	1	100%
	Financial (PHP)	4,500	-	-	4,500 (100%)	4,500 (100%)	100%

Justification for no reported expenditure in **Maintenance of Noise Control Measures in RMH Discharge Chute and others:**  
 → *Maintenance of Noise Control Measures in RMH Discharge Chute were done in-house and did not incur additional materials.*

# Photo Documentation



*Photo 1 and 2. Mr. Christian Laberez and Mr. Lito Ayyokad discussed the General Safety rules at the plant site and GPI's compliance and AEPEP accomplishments, respectively, for 2<sup>nd</sup> quarter CY. 2022.*



# Photo Documentation



*Photo 3. GPI secured ISO certification:  
Quality Management System,  
Environmental Management System and  
OH&S Management System*



*Photo 4. MMT members inspect GPI  
limestone stockyard.*



# Photo Documentation



*Photo 5. Hazwaste Storage area is properly labelled and properly secured with barricade*



*Photo 6. Organized inventory of hazwaste and safety signs are observed*



# Photo Documentation



*Photo 7. Well maintained and good housekeeping of Petcoke storage facility*



*Photo 8. On going hauling of scrap materials noted.*

# Photo Documentation



*Photo 9. Improved housekeeping in the mechanical workshop observed during the validation.*