

# 1.0 LAND RESOURCES

Particular	Target (Physical/Financial)			Accomplishment (Physical/Financial)		
	Annual	Quarter	As of Quarter	Quarter	As of Quarter	%Annual
1.1 Reforestation Efforts: Mining Forest Program (MFP) and Progressive Rehabilitation (hectare)	13.69	5.51	9.67	0 (0.00%)	2.32 (23.99%)	16.95%
	14,605,200.00	5,877,900.00	10,316,700.00	5,082,550.00 (86.47%)	8,416,928.00 (81.58%)	57.63%
no. of bamboo culms planted	500	0	200	350	350 (175.00%)	70.00%
	50,000.00	0	20,000.00	22,800.00	34,320.00 (171.60%)	68.64%
1.2 Reforestation Efforts: Climax Species/Fruit Tree Plantation (no. of seedling planted)	1,200	300	600	87 (29.00%)	387 (64.50%)	32.25%
	101,600.00	25,400.00	50,800.00	25,985.00 (102.30%)	44,585.00 (87.77%)	43.88%
1.3 Maintenance of Reforestation Areas: Mining Forest Program (hectare maintained)	5.0	1.25	2.50	0 (0.00%)	7.60 (304.00%)	152.00%
	566,000.00	141,500.00	283,000.00	81,120.00 (57.33%)	192,540.00 (68.84%)	34.02%

## Remarks/Recommendations:

- Cost incurred due to land preparation
- Ensure completion of the target hectarage for rehabilitation in the succeeding quarters



Photo 1. Ongoing land preparation at Block C5

## 2.0 WATER RESOURCES AND QUALITY

Particular	Target (Physical/Financial)			Accomplishment (Physical/Financial)		
	Annual	Quarter	As of Quarter	Quarter	As of Quarter	%Annual
2.1 Siltation Ponds (SP) Construction (no. of SP)	2	1	1	1 (100.00%)	1 (100.00%)	50.00%
	2,100,000.00	1,050,000.00	1,050,000.00	595,880.00 (56.75%)	595,880.00 (56.75%)	28.38%
2.2 Silt Collector Sump (SCS) Construction (no. of SCS)	4	2	2	2 (100.00%)	2 (100.00%)	50.00%
	200,000.00	100,000.00	100,000.00	49,200.00 (49.20%)	49,200.00 (49.20%)	24.60%
2.3 Siltation Pond Desilting/Repair (no. of SP)	6	3	4	3 (100.00%)	4 (66.67%)	66.67%
	640,000.00	320,000.00	640,000.00	346,370.00 (108.24%)	558,290.00 (87.23%)	87.23%
2.4 Siltation Collector Sumps Desilting/Repair (no. of SP)	8	2	4	3 (150.00%)	4 (100.00%)	50.00%
	120,000.00	30,000.00	60,000.00	35,650.00 (118.83%)	61,255.00 (102.09%)	51.05%

### Remark/s:

- Siltation ponds and silt collector sumps constructed within schedule.





## 2.0 WATER RESOURCES AND QUALITY

Particular	Target (Physical/Financial)			Accomplishment (Physical/Financial)		
	Annual	Quarter	As of Quarter	Quarter	As of Quarter	%Annual
<b>2.6 Drainage System Maintenance</b> (kilometer)	18.0	4.5	9.0	4.5 (100.00%)	9.0 (100.00%)	50.00%
	1,450,000.00	362,500.00	725,000.00	311,820.00 (86.02%)	379,895.00 (52.40%)	26.20%
<b>2.7 Monthly Water Quality Monitoring</b> (no of in-house sampling/no. of sampling stations)	8	2	4	2 (100.00%)	4 (100.00%)	50.00%
	13	13	13	9 (69.23%)		
	128,000.00	32,000.00	64,000.00	32,590.00 (101.84%)	60,686.00 (94.82%)	47.41%
<b>2.8 Third – party Laboratory Analysis</b> (no of sampling/no. of samples collected/no. of parameters analyzed)	4	1	2	1 (100.00%)	2 (100.00%)	50.00%
	13	13	13	9 (69.23%)		
	7	7	7	7 (100.00%)		
	32,000.00	8,000.00	16,000.00	8,100.00 (101.25%)	36,196.00 (226.23%)	113.11%

Remark/s:

- Level of heavy metals and TSS of collected samples were within standards per submitted SMR



Photo 3. Tagusao Siltation Pond discharge point

## 2.0 WATER RESOURCES AND QUALITY

Particular	Target (Physical/Financial)			Accomplishment (Physical/Financial)		
	Annual	Quarter	As of Quarter	Quarter	As of Quarter	%Annual
<b>2.9 Solid Waste Management</b> (no. of collection/volume of waste generated in kilogram)	48	12	24	12 (100.00%)	12 (100.00%)	50.00%
	4,716	1,179	2,358	311.62 (100.00%)	772.42 (100.00%)	50.00%
	37,000.00	9,250.00	18,500.00	14,220.00 (153.78%)	49,268.00 (266.31%)	133.16%
<b>2.10 Hazardous Waste Management: Collection and storage of liquid hazardous wastes</b> (no. of drum of wastes)	14	3	5	3 (100.00%)	8	57.14%
	10,000.00	2,142.86	3,571.43	16,717.00 (780.13%)	27,667.00 (774.68%)	276.67%
<b>2.11 Hazardous Waste Management: Collection and storage of solid hazardous wastes</b> (no. of drum of wastes)	8	2	4	9.5 (0.00%)	10.5 (0.00%)	
	10,000.00	2,500.00	5,000.00	20,657.00 (826.28%)	33,977.00 (679.54%)	339.77%

### Remarks:

- Volume of generated hazardous waste was more than the target
- Cost indicated for hauling activities





### 3.0 AIR QUALITY MONITORING

Particular	Target (Physical/Financial)			Accomplishment (Physical/Financial)		
	Annual	Quarter	As of Quarter	Quarter	As of Quarter	%Annual
3.1 Water spraying on mine road (kilometer)	18	18	18	18 (100.00%)	18 (100.00%)	50.00%
	7,994,180.00	1,998,545.00	3,997,090.00	1,019,685.00 (51.02%)	1,802,685.00 (45.10%)	22.55%
3.2 Road Maintenance (kilometer)	18	4.5	4.5	4.5 (100.00%)	9.0 (100.00%)	50.00%
	1,450,000.00	362,500.00	725,000.00	373,306.00 (102.98%)	1,558,094.00 (214.91%)	107.45%
3.3 Monthly In-house Air Quality Monitoring (no. of sampling/no. of sampling stations/no. of parameters analyzed)	12	3	6	3 (100.00%)	6 (100.00%)	50.00%
	7	7	7	7		
	1	1	1	1		
	20,000.00	5,000.00	10,000.00	2,025.00 (40.50%)	28,145.00 (281.45%)	140.73%

#### Remarks

- Level of TSP of collected samples were within DENR standards per submitted SMR



FIELD FINDINGS/OBSERVATIONS/COMMENTS	RECOMMENDATIONS
<p>1. Unaccomplished activities are as follows:</p> <ul style="list-style-type: none"> <li>• Rehabilitation of mined-out areas;</li> <li>• Construction of environmental facilities such as trapezoidal weir for siltation pond and eco-park observation post; and</li> <li>• Research study: Survivability of Azolla in mine wastewater</li> </ul> <p>Utilized <b>75.77%</b> of the budget allocated for the quarter (<b>PHP8,627,065.00</b> out of <b>PHP11,386,052.80</b>). As of 2<sup>nd</sup> quarter, the company spent a total of <b>44.32%</b> of its annual budget (<b>PHP15,016,813.00</b> out of <b>PHP33,879,560.00</b>).</p>	<p>Ensure completion of target activities in the remaining quarter.</p> <p>Observe proper documentation to account for the company's physical accomplishment.</p>
<p>2. Areas at Block C covered by special tree cutting permit were cleared of vegetation.</p>	<p>Ensure that environmental measures are in place (i.e. silt collector sumps etc.) to address the runoff.</p>
<p>3. There were physical accomplishments reported for the research studies on adaptability of mushroom in mining areas and effectiveness of chicken dung for progressive rehabilitation but there were no progress reports.</p>	<p>Prepare corresponding progress reports.</p>
<p>4. Both companies submitted the Mine Waste and Mill Tailings Report on time.</p>	<p>For TNMP, settle the corresponding mine waste tailings fee to avoid surcharge. <i>Note: Company complied immediately.</i></p>