

3RD QUARTER 2022 MULTIPARTITE MONITORING TEAM **VALIDATION REPORT**

Citinickel Mines and Development Corporation – Pulot Nickel Mining Project
(MPSA No. 229 – 2007 – IVB)

Date of Monitoring: 21 – 25 November 2022

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1.0 LAND RESOURCES

Quarter Accomplishment
(Rehabilitated)
1Q: 2.32 ha
2Q: 0.00 ha

Particular	Target (Physical/Financial)			Accomplishment (Physical/Financial)		
	Annual	Quarter	As of 3 rd Quarter	Quarter	As of 3 rd Quarter	%Annual
1.1 Progressive Rehabilitation						
hectare	13.69	2.77	12.44	1.59 ^a (57.40%)	3.91 (31.43%)	28.56%
	14,605,200.00	2,955,000.00	13,271,700.00	3,266,562 ^b (110.54%)	11,683,490.00 (88.03%)	68.64%
no. of bamboo culms planted	500	-	200	200	850 (425.00%)	170.00%
	50,000.00	-	20,000.00	-	34,320.00 (171.60%)	68.64%

Remarks/Recommendations:

- ^aAt Block C Rehab Area 3 - B (**Photo 1**)
- Target hectarage was not fully achieved due to **bad weather conditions** and **manpower reduction** during the 3rd quarter.
- ^bHigh expenses relative to the physical accomplishment due to the ongoing land preparation at Block C5 (**Photos 2 & 3**) for the remaining **7.78 hectares** (backfilling at the high wall and recontouring for the rest) **while 2.0 hectares are subject for planting** for the 4th quarter.
- **Recommendation:** Ensure immediate rehabilitation of the areas already subject for planting and if good weather permits, fast track completion of the land preparation at Block C5.



Photo 1. Rehabilitated 1.59 hectares at Block C Rehabilitated Area 3 (B).



Photo 2. Ongoing land preparation at Block C5.



Photo 3. High wall being backfilled

1.0 LAND RESOURCES

Particular	Target (Physical/Financial)			Accomplishment (Physical/Financial)		
	Annual	Quarter	As of 3 rd Quarter	Quarter	As of 3 rd Quarter	%Annual
1.2 Reforestation and Maintenance through Enrichment Planting using fruit bearing trees (Previous Prog. Rehab and Denuded Areas)						
no. of seedling planted	1,200	300	900	300 ^a (100.00%)	687 (76.33%)	57.25%
	101,600.00	25,400.00	76,200.00	24,035.00 (94.63%)	68,620.00 (90.05%)	67.54%
1.3 Maintenance through Enrichment Planting using forest trees and Other Maintenance works (Previously Rehabilitated Areas)						
hectares maintained	7.60	7.60	7.60	7.6 ^b (100.00%)	7.6	
	566,000.00	141,500.00	424,500.00	93,300.00 (65.94%)	285,840.00 (67.34%)	50.50%

Remarks/Recommendations:

- ^aPlanted coffee seedlings at ITC Area covering a total of **0.75 hectare (Photo 4)**.
- ^bConducted enrichment planting at portions of Block C3, C4, and AA **(Photo 5 – 6)**.
- **Recommendation:** Completion of enrichment planting at Block C3 and AA and consider soil conditioning methods (upon consultation with an agriculturist) to ensure good plant growth.



Photo 4. Coffee seedlings planted at ITC area.



Photos 5 – 6 Enrichment planting using Batino, Maladuhat, among others.

1.0 LAND RESOURCES

Particular	Target (Physical/Financial)			Accomplishment (Physical/Financial)		
	Annual	Quarter	As of 3 rd Quarter	Quarter	As of 3 rd Quarter	%Annual
1.8 Nursery Operation: Seedling Production						
seedling	70,000	20,000	50,000	26,733 (133.87%)	52,697 (105.39%)	75.28%
	1,960,000.00	560,000.00	1,400,000.00	500,710.00 ^a (89.41%)	834,585.00 (59.61%)	42.58%

Remarks/Recommendations:

- ^aLow expense incurred as personnel from Mine Operations as laborers for the quarter's seedling production.
- Scattered used polybags observed at the nursery (**Photos 9 – 11**).

Recommendation:

- Proper disposal of used polybags and regular housekeeping at the nursery.



Photo 7 – 8. Seedlings at CMDC – PNMP's Nursery



Photos 9 – 11. Unattended polybags for proper disposal

OVERALL PHYSICAL AND FINANCIAL ACCOMPLISHMENT

1.0 LAND RESOURCES

ACTIVITIES	Unit of Measure	TARGET			ACCOMPLISHMENT		
		Annual	3 rd Quarter	As of 3 rd Quarter	3 rd Quarter	As of 3 rd Quarter	% Annual
1.1 Progressive Rehabilitation	hectare	13.69	2.77	12.44	1.59 (57.40%)	3.91 (40.43%)	28.56%
	1,066,851.72	14,605,200.00	2,955,000.00	13,271,700.00	3,266,562 (110.54%)	11,683,490.00 (88.03%)	80.00%
	no. of bamboo culm planted	500	-	200	200	850 (425.00%)	170.00%
	100.00	50,000.00	-	20,000.00	-	34,320.00 (171.60%)	68.64%
1.2 Reforestation and Maintenance through Enrichment Planting using FBT	no. of seedling planted	1,200	300	900	300 (100.00%)	687 (76.33%)	57.25%
	84.67	101,600.00	25,400.00	76,200.00	24,035.00 (94.63%)	68,620.00 (90.05%)	67.54%

OVERALL PHYSICAL AND FINANCIAL ACCOMPLISHMENT

ACTIVITIES	Unit of Measure	TARGET			ACCOMPLISHMENT		
		Annual	3 rd Quarter	As of 3 rd Quarter	3 rd Quarter	As of 3 rd Quarter	% Annual
1.3 Maintenance through Enrichment Planting using forest trees and Other Maintenance Works <i>(Previously rehabilitated areas)</i>	hectare	7.60	7.60	7.60	7.60 (100.00%)	7.60	–
	113,200.00	566,000.00	141,500.00	424,500.00	93,300.00 (65.94%)	285,840.00 (67.34%)	50.50%
1.4 Maintenance of Reforestation Areas: National Greening Program	hectare	20.34	2.17	18.17	2.17 (100.00%)	18.17 (100.00%)	89.33%
	3,933.14	80,000.00	8,534.91	71,465.09	8,000.00 (93.73%)	82,500.00 (115.84%)	103.13%
1.5 Maintenance of Reforestation Areas: Bamboo Plantation	hectare	9.24	-	2.34	–	2.34 (100.00%)	25.32%
	2,597.40	24,000.00	-	6,077.92	–	4,975.00 (81.85%)	20.73%
1.6 Maintenance of Reforestation Areas: <i>(Maintenance of planted FBT under 1.2)</i>	seedling	600	300	300	300 (100.00%)	300 (100.00%)	50.00%
	75.00	45,000.00	22,500.00	22,500.00	20,940.00 (93.07%)	36,720.00 (163.20%)	81.60%

Recommendation:

- Provision of fire lanes at the NGP areas.

OVERALL PHYSICAL AND FINANCIAL ACCOMPLISHMENT

ACTIVITIES	Unit of Measure	TARGET			ACCOMPLISHMENT		
		Annual	3 rd Quarter	As of 3 rd Quarter	3 rd Quarter	As of 3 rd Quarter	% Annual
1.7 Maintenance of Reforestation Areas: Temporary Revegetation Program	<i>hectare</i>	4.37	4.37	4.37	1.03 (23.57%)	2.70 (61.78%)	
	26,315.79	115,000.00	43,947.37	71,052.63	27,986.00 (63.68%)	39,646.00 (55.80%)	34.47%
1.8 Nursery Operation: Seedling Production	<i>seedling</i>	70,000	20,000	50,000	26,773 (133.87%)	52,697 (105.39%)	75.28%
	28.00	1,960,000.00	560,000.00	1,400,000.00	500,710.00 (89.41%)	834,585.00 (59.61%)	42.58%
1.9 Nursery Operation: Vermicast Production	<i>kilogram</i>	600	150	450	150 (100.00%)	714.50 (158.78%)	119.08%
	133.37	80,000.00	20,000.00	60,000.00	25,560.00 (127.80%)	75,920.00 (126.53%)	94.90%
	<i>no. of sack</i>	120	30	90	30 (100.00%)	143 (158.89%)	119.17%

OVERALL PHYSICAL AND FINANCIAL ACCOMPLISHMENT

ACTIVITIES	Unit of Measure	TARGET			ACCOMPLISHMENT		
		Annual	3 rd Quarter	As of 3 rd Quarter	3 rd Quarter	As of 3 rd Quarter	% Annual
1.10 Nursery Operation: Nursery Storage Expansion	unit	1	1	1	0 (0.00%)	0 (0.00%)	0.00%
	86,580.00	86,580.00	86,580.00	86,580.00	0 (0.00%)	0 (0.00%)	0.00%
1.11 Construction of Environmental Facilities: Trapezoidal weir for siltation pond with concrete pathway	unit	2	1	2	0 (0.00%)	0 (0.00%)	0.00%
	50,000.00	100,000.00	50,000.00	100,000.00	0 (0.00%)	0 (0.00%)	0.00%
1.12 Construction of Environmental Facilities: Eco-Park Observation Post	unit	1	-	1	0 (0.00%)	0 (0.00%)	0.00%
	40,000.00	40,000.00	-	40,000.00	0 (0.00%)	0 (0.00%)	0.00%
TOTAL (PHP)		17,853,380.00	3,913,462.28	15,650,075.64	3,967,093.00 (101.37%)	13,146,616.00 (84.00%)	73.64%

2.0 WATER RESOURCES AND QUALITY

Particular	Target (Physical/Financial)			Accomplishment (Physical/Financial)		
	Annual	Quarter	As of 3 rd Quarter	Quarter	As of 3 rd Quarter	%Annual
2.1 Siltation Ponds (SP) Construction						
no. of SP	2	1	2	1 ^a (100.00%)	2 (100.00%)	100.00%
	2,100,000.00	1,050,000.00	2,100,000.00	1,987,934.00 ^b (189.33%)	2,583,814.00 (123.04%)	123.04%

Remarks/Recommendations:

- ^aConstructed a two (2) – compartment SP at Block A .

	Area (at depth = 5.0 m)	Capacity
PLAN	3,521m ²	17,605 m ³
ACTUAL	To be surveyed	

- ^bOngoing expansion of Ore Stockyard SP (additional two (2) compartments).

Recommendations:

- Install signages reflecting the structure name, water flow, and capacity for the newly constructed SPs.



Photo 12. Newly – constructed Block A SP No. 3

2.0 WATER RESOURCES AND QUALITY

Particular	Target (Physical/Financial)			Accomplishment (Physical/Financial)		
	Annual	Quarter	As of 3 rd Quarter	Quarter	As of 3 rd Quarter	%Annual
2.2 Silt Collector Sump (SCS) Construction						
(no. of SCS)	4	2	4	1 ^a (50.00%)	3 (75.00%)	75.00%
	200,000.00	100,000.00	200,000.00	135,000.00 (135.00%)	184,200.00 (92.10%)	92.10%

Remarks/Recommendations:

- ^aConstructed SCS at Block 2.
- **Recommendations:**
 - Increase the constructed SCS' capacity to accommodate the silt from the active area.
 - Install signages reflecting the structure name, water flow, and capacity for the newly constructed SCS.



Photo 13. Constructed SCS at Block 2 (covered by STCEP)

2.0 WATER RESOURCES AND QUALITY

Particular	Target (Physical/Financial)			Accomplishment (Physical/Financial)		
	Annual	Quarter	As of 3 rd Quarter	Quarter	As of 3 rd Quarter	%Annual
2.3 Siltation Pond Desilting/Repair						
no. of SP	6	–	6	1 ^a	5 (83.33%)	83.33%
	640,000.00	–	640,000.00	131,560.00	689,850.00 (107.79%)	107.79%
(volume of desilted material)*				1,380	7,488	
2.4 Silt Collector Sump Desilting/Repair						
(no. of SCS)	8	2	6	2 ^b (100.00%)	6 (100.00%)	75.00%
	120,000.00	30,000.00	90,000.00	14,040.00 (46.80%)	75,295.00 (83.66%)	62.75%
(volume of desilted material)*				4,026	11,816	

*Additional unit of work measure

Remarks/Recommendations:

- ^aDesilting conducted at Tagusao SP's first compartment (**Photo 14**).
- **Recommendation:** Utilize long reach excavator or desilting pad to desilt the center of the siltation pond where silt accumulation was observed.
- ^bDesilting conducted at Ore Stockyard SCS and SCS No. 11.
- **Recommendation:** Stabilize the slopes of SCS No. 11's second compartment through armoring.



Photo 14. Tagusao SP's first compartment



Photo 15. SCS No. 11

2.0 WATER RESOURCES AND QUALITY

Particular	Target (Physical/Financial)			Accomplishment (Physical/Financial)		
	Annual	Quarter	As of 3 rd Quarter	Quarter	As of 3 rd Quarter	%Annual
2.6 Drainage System Maintenance						
<i>kilometer</i>	18.0	18.0	18.0	17.5 ^b (97.22%)	18.0	–
	1,450,000.00	362,500.00	1,087,500.00	73,848.00 ^b (20.37%)	453,743.00 (41.72%)	31.29%

Remarks/Recommendations:

- ^aPortions of the drainage system were **indistinct** (i.e., Km.9, near the local bridge, near CERl, causeway).
- ^bLow expenses incurred due to **breakdowns of equipment**.

• Recommendations:

- For reconstruction of identified portions of the drainage system that needs immediate maintenance.
- Provision of distance monument along the haul road for ease of location identification during monitoring.



Photos 16 – 19. Areas recommended for drainage reconstruction

2.0 WATER RESOURCES AND QUALITY

Particular	Target (Physical/Financial)			Accomplishment (Physical/Financial)		
	Annual	Quarter	As of 3 rd Quarter	Quarter	As of 3 rd Quarter	%Annual
2.7 Monthly Water Quality Monitoring						
<i>no. of in – house sampling</i>	8	2	6	2 (100.00%)	6 (100.00%)	75.00%
	128,000.00	32,000.00	96,000.00	29,067.00 90.83%	89,753.00 (93.49%)	70.12%
<i>no. of sampling station</i>	13	13	13	9 ^a (100.00%)	13	
2.8 Third-party Laboratory Analysis						
<i>no. of sampling</i>	4	1	3	1 (100.00%)	3 (100.00%)	75.00%
	32,000.00	8,000.00	24,000.00	9,000.00 (112.50%)	45,196.00 (188.332%)	141.24%
<i>no. of samples</i>	13	13	13	9 ^a (100.00%)	9	
<i>no. of parameters analyzed</i>	7	7	7	7 (100.00%)	7	

Remarks/Recommendations:

- ^aNo discharge at Pasi SP 1, Pasi SP, 3, Tagusao SP, and Ore Stockyard SP.
- Heavy metals, oil & grease (effluent), and TSS of collected samples during the in-house monitoring are within the DENR standards per review of submitted 3Q2022 Self Monitoring Report (SMR).

2.0 WATER RESOURCES AND QUALITY

Particular	Target (Physical/Financial)			Accomplishment (Physical/Financial)		
	Annual	Quarter	As of 3 rd Quarter	Quarter	As of 3 rd Quarter	%Annual
2.9 Solid Waste Management						
<i>no. of collection</i>	48	12	36	12 (100.00%)	36 (100.00%)	75.00%
<i>volume of waste generated in kilogram</i>	4,716	1,179	3,537	698.5^a (59.25%)	1,470.9 (41.59%)	31.19%
	37,000.00	9,250.00	27,750.00	16,300^b (176.22%)	65,568.00 (236.28%)	177.21%

Remarks/Recommendations:

- ^a55% higher than the previous waste generation due to a number of visitors and shipment during the quarter.
- ^bHigh expenses related to hauling activities (labor and fuel costs).
- Recyclables wastes are stored at the MRF (**Photo 21**) while the residual wastes are housed at the RCA (**Photo 21**)



Photo 20. Material Recovery Facility (MRF)



Photo 21. Segregated waste at Residual Containment Area (RCA)

2.0 WATER RESOURCES AND QUALITY

Particular	Target (Physical/Financial)			Accomplishment (Physical/Financial)		
	Annual	Quarter	As of Quarter	Quarter	As of Quarter	%Annual
2.10 Hazardous Waste Management: Collection and Storage of Liquid Hazardous Wastes						
no. of drum of wastes	14	4	9	3 (75.00%)	11 (122.22%)	78.57%
	10,000.00	2,857.14	6,428.57	2,384.00 (83.44%)	30,051.00 (467.46%) ^a	300.51%
2.11 Hazardous Waste Management: Collection and Storage of Solid Hazardous Wastes						
no. of drum of wastes	8	2	6	0 (0.00%)	9.5 ^b (166.67%)	131.25%
	10,000.00	2,500.00	7,500.00	3,090.00 ^c (123.60%)	37,067.00 ^d (494.23%)	370.67%

Remarks/Recommendations:

- ^{a,d}High expense reported due to hauling activity during the 2nd Quarter – double handling of hazardous waste.
- ^bFor rechecking by the company
- ^cCovers maintenance of solid hazardous wastes collected during the 2nd Quarter (**Photo 22**)



Photo 22. Current Hazardous Waste Facility



Photo 23. Newly-constructed Hazardous Waste Facility

OVERALL PHYSICAL AND FINANCIAL ACCOMPLISHMENT

2.0 WATER RESOURCES AND QUALITY

ACTIVITIES	Unit of Measure	TARGET			ACCOMPLISHMENT		
		Annual	3 rd Quarter	As of 3 rd Quarter	3 rd Quarter	As of 3 rd Quarter	% Annual
2.1 Siltation Pond Construction	no. of SP	2	1	2	1 (100.00%)	2 (100.00%)	100.00%
	1,050,000.00	2,100,000.00	1,050,000.00	2,100,000.00	1,987,934.00 (189.33%)	2,583,814.00 (123.04%)	123.04%
2.2 Silt Collector Sump Construction	no. of SCS	4	2	4	1 (50.00%)	3 (75.00%)	75.00%
	50,000.00	200,000.00	100,000.00	200,000.00	135,000.00 (135.00%)	184,200.00 (92.10%)	92.10%
2.3 Siltation Pond Desilting/Repair	no. of SP	6	-	6	1	5 (83.33%)	83.33%
	106,666.67	640,000.00	-	640,000.00	131,560.00	689,850.00 (107.79%)	107.79%
2.4 Silt Collector Sump Desilting/repair	no. of SCS	8	2	6	2 (100.00%)	6 (100.00%)	75.00%
	15,000.00	120,000.00	30,000.00	90,000.00	14,040.00 (46.80%)	75,295.00 (83.66%)	62.75%

ACTIVITIES	Unit of Measure	TARGET			ACCOMPLISHMENT		
		Annual	3 rd Quarter	As of 3 rd Quarter	3 rd Quarter	As of 3 rd Quarter	% Annual
2.5 Pit Bottom Desilting/Repair	no. of pit	2	1	2	0 (0.00%)	1 (50.00%)	50.00%
	250,000.00	500,000.00	250,000.00	500,000.00	229,640.00 (91.86%)	245,090.00 (49.02%)	49.02%
2.6 Drainage System Maintenance	kilometer	18.0	18.0	18.0	17.5 (97.22%)	18.0	
	80,556.56	1,450,000.00	362,500.00	1,087,500.00	73,848.00 (20.73%)	453,743.00 (41.72%)	31.29%
2.7 Monthly Water Quality Monitoring (In-house Monitoring)	no. of sampling	8	2	6	2 (100.00%)	6 (100.00%)	75.00%
	16,000.00	128,000.00	32,000.00	96,000.00	29,067.00 (90.83%)	89,753.00 (93.49%)	70.12%
	no. of sampling station	13	13	13	9 (100.00%)	13	
2.8 Third – Party Laboratory Analysis (MMT Sampling)	no. of sampling	4	1	3	1 (100.00%)	3 (100.00%)	75.00%
	8,000.00	32,000.00	8,000.00	24,000.00	9,000.00 (112.50%)	45,196.00 (188.32%)	141.24%
	no. of samples collected	13	13	13	9 (100.00%)	9	

ACTIVITIES	Unit of Measure	TARGET			ACCOMPLISHMENT		
		Annual	3 rd Quarter	As of 3 rd Quarter	3 rd Quarter	As of 3 rd Quarter	% Annual
2.9 Solid Waste Management	volume (kilogram)	4,716	1,179	3,537	698.5 (59.25%)	1,470.90 (41.59%)	31.19%
	7.85	37,000.00	9,250.00	27,750.00	16,300.00 (176.22%)	65,568.00 (236.28%)	177.21%
	no. of collection	48	12	36	12 (100.00%)	36 (100.00%)	75.00%
2.10 Hazardous Waste Management: Collection and storage of liquid hazardous wastes	drum	14	4	9	3	11	78.57%
		10,000.00	2,857.14	6,428.57	2,384.00 (83.44%)	30,051.00 (467.46%)	300.51%
2.11 Hazardous Waste Management: Collection and storage of solid hazardous wastes	drum	8	2	6	0 (0.00%)	10.5 (175.00%)	131.25%
		10,000.00	2,500.00	7,500.00	3,090.00 (123.60%)	37,067.00 (494.23%)	370.67%
TOTAL (PHP)		5,227,000.00	1,847,107.14	4,779,178.57	2,631,863.00 (142.49%)	4,499,627 (94.15)	86.08%

3.0 AIR QUALITY MONITORING

Particular	Target (Physical/Financial)			Accomplishment (Physical/Financial)		
	Annual	Quarter	As of 3 rd Quarter	Quarter	As of 3 rd Quarter	%Annual
3.1 Water Spraying on Mine Road						
<i>kilometer</i>	18.0	18.0	18.0	18.0 (100.00%)	18.0	
	7,994,180.00	1,998,545.00	5,995,635.00	1,586,009.00 (79.36%) ^a	3,388,694.00 (56.52%)	42.39%
3.2 Road Maintenance						
<i>kilometer</i>	18.0	18.0	18.0	17.5 ^b (97.22%)	18.0	
	1,450,000.00	362,500.00	1,087,500.00	339,080.00 (93.54%)	1,897,174.00 (174.45%)	130.84%

Remarks/Recommendations:

- ^aSeries of rainy events during the 3rd Quarter allowing lesser road sprinkling.
- ^bWater stagnation/ponding at some portions of the 18 – km haul road
- Recommendation:** Conduct maintenance works, prioritizing the most saturated areas.



Photo 24. Road intersection (Admin area, Causeway, OSY) subject for filling and grading.

3.0 AIR QUALITY MONITORING

Particular	Target (Physical/Financial)			Accomplishment (Physical/Financial)		
	Annual	Quarter	As of 3 rd Quarter	Quarter	As of 3 rd Quarter	%Annual
3.3 Monthly In-house Air Quality Monitoring						
<i>no. of sampling</i>	12	3	9	3 (100%)	9 (100%)	75.00%
<i>no. of sampling station</i>	7	7	7	7 (100%)	7	
<i>no. of parameters analyzed</i>	1	1	1	1 (100%)	1	
	20,000.00	5,000.00	15,000.00	5,737.00 (114.74%)	33,882.00 (225.88%)	169.41%

Remarks/Recommendations:

- All sampling stations' particulate matter sampling results are within the standards per review of PNMP's submitted 3Q2022 SMR.

OVERALL PHYSICAL AND FINANCIAL ACCOMPLISHMENT

3.0 AIR QUALITY

ACTIVITIES	Unit of Measure	TARGET			ACCOMPLISHMENT		
		Annual	3 rd Quarter	As of 3 rd Quarter	3 rd Quarter	As of 3 rd Quarter	% Annual
3.1 Water Spraying	kilometer	18.0	18.0	18.0	18.0 (100.00%)	18.0 (100.00%)	75.00%
	444,121.11	7,994,180.00	1,998,545.00	5,995,635.00	1,586,685.00 (79.36%)	3,388,694.00 (56.52%)	42.39%
3.2 Road Maintenance	kilometer	18.0	18.0	18.0	17.5 (97.22%)	18.0	-
	80,555.56	1,450,000.00	362,500.00	1,087,500.00	339,080.00 (93.54%)	1,897,174.00 (174.45%)	130.84%
3.3 Monthly In – house Air Monitoring	no. of sampling	12	3	9	3 (100.00%)	9 (100.00%)	75.00%
	1,666.67	20,000.00	5,000.00	15,000.00	5,737.00 (114.74%)	33,882.00 (225.88%)	169.41%
	no. of sampling station	7	7	7	7 (100.00%)	7	
	no. of parameter analyzed	1	1	1	1 (100.00%)	1	
TOTAL (PHP)		9,464,180.00	2,366,045.00	7,098,135.00	1,930,826.00 (81.61%)	5,319,750.00 (74.95%)	56.21%

OVERALL PHYSICAL AND FINANCIAL ACCOMPLISHMENT

4.0 NOISE AND VIBRATION

ACTIVITIES	Unit of Measure	TARGET			ACCOMPLISHMENT		
		Annual	3 rd Quarter	As of 3 rd Quarter	3 rd Quarter	As of 3 rd Quarter	% Annual
4.1 Monthly In – house Noise Monitoring	no. of monitoring	12	3	9	3 (100.00%)	9 (100.00%)	75.00%
	3,100.00	37,200.00	9,3000.00	27,900.00	8,195.00 (88.12%)	16,800.00 (60.22%)	45.16%
	no. of monitoring station	7	7	7	7 (100.00%)	7	75.00%
TOTAL (PHP)		37,200.00	9,3000.00	27,900.00	8,195.00 (88.12%)	16,800.00 (60.22%)	45.16%

OVERALL PHYSICAL AND FINANCIAL ACCOMPLISHMENT

5.0 CONSERVATION VALUES

ACTIVITIES	Unit of Measure	TARGET			ACCOMPLISHMENT		
		Annual	3 rd Quarter	As of 3 rd Quarter	3 rd Quarter	As of 3 rd Quarter	% Annual
5.1 Adopt – A – Creek/River Program:	no. of clean-up activity	4	1	3	1 (100.00%)	4 (133.33%)	100.00%
	5,000.00	20,000.00	5,000.00	15,000.00	4,130.00 (82.60%)	7,435.00 (49.57%)	37.18%
5.2 Mangrove Tree Planting and Monitoring	no. of activity	18	5	13	0 (0.00%)	8 (61.54%)	44.44%
	4,044.44	72,800.00	8,200.00	44,600.00	0 (0.00%)	32,000.00 (71.75%)	43.96%
TOTAL (PHP)		92,500.00	13,200.00	59,600.00	4,130.00 (12.44%)	39,435.00 (66.17%)	42.49%

OVERALL PHYSICAL AND FINANCIAL ACCOMPLISHMENT

6.0 ENVIRONMENTAL RESEARCH

ACTIVITIES	Unit of Measure	TARGET			ACCOMPLISHMENT		
		Annual	3 rd Quarter	As of 3 rd Quarter	3 rd Quarter	As of 3 rd Quarter	% Annual
6.1 Research Study: Adaptability of mushroom in mining areas	no. of progress report	4	1	3	1 (100.00%)	1 (33.33%)	25.00%
	45,000.00	180,000.00	45,000.00	135,000.00	33,510.00 (74.47%)	33,510.00 (24.82%)	18.62%
6.2 Research Study: Flora and Fauna Monitoring	no. of monitoring	48	12	36	12 (100.00%)	36 (100.00%)	75.00%
	4,166.67	200,000.00	50,000.00	150,000.00	37,040.00 (74.08%)	85,500.00 (57.00%)	42.75%
	no. of progress report	4	1	3	1 (100.00%)	3 (100.00%)	75.00%
6.3 Research Study: Effectiveness of Native Chicken Dung for Progressive Rehabilitation	no. of progress report	3	1	2	1 (100.00%)	1 (50.00%)	33.33%
	20,000.00	60,000.00	15,000.00	45,000.00	10,030.00 (66.87%)	14,685.00 (32.63%)	24.48%


ACTIVITIES	Unit of Measure	TARGET			ACCOMPLISHMENT		
		Annual	3 rd Quarter	As of 3 rd Quarter	3 rd Quarter	As of 3 rd Quarter	% Annual
6.4 Research Study: Survivability of Azolla in Mine Wastewater	no. of progress report	3	1	2	0 (0.00%)	0 (0.00%)	0.00%
	16,66.67	50,000.00	12,500.00	37,500.00	0 (0.00%)	0 (0.00%)	0.00%
TOTAL (PHP)		490,000.00	122,500.00	367,500.00	80,580.00 (65.78%)	133,695.00 (36.38%)	27.28%

OVERALL PHYSICAL AND FINANCIAL ACCOMPLISHMENT

7.0 OTHERS

ACTIVITIES	Unit of Measure	TARGET			ACCOMPLISHMENT		
		Annual	3 rd Quarter	As of 3 rd Quarter	3 rd Quarter	As of 3 rd Quarter	% Annual
7.1 Multipartite Monitoring Team Validation	no. of monitoring	4	1	3	1 (100.00%)	3 (100.00%)	75.00%
	50,000.00	200,000.00	50,000.00	150,000.00	81,420.00 (162.84%)	188,420.00 (125.61%)	94.21%
7.2 Mine Rehabilitation Fund Committee Meeting	no. of meeting	4	1	3	1 (100.00%)	3 (100.00%)	75.00%
	30,000.00	120,000.00	30,000.00	90,000.00	50,000.00 (166.67%)	79,440.00 (88.27%)	66.20%
7.3 Regulatory Compliance Monitoring/Inspection	no. of monitoring/inspection	4	1	3	1 (100.00%)	2 (66.67%)	50.00%
	5,000.00	20,000.00	5,000.00	15,000.00	5,410.00 (108.20%)	12,172.00 (81.15%)	60.86%
7.4 Seminars and Training	no. of training/seminar	3	1	2	1 (100.00%)	3 (150.00%)	100.00%
	25,000.00	75,000.00	25,000.00	50,000.00	22,000.00 (88.00%)	35,720.00 (71.44%)	47.63%

ACTIVITIES	Unit of Measure	TARGET			ACCOMPLISHMENT		
		Annual	3 rd Quarter	As of 3 rd Quarter	3 rd Quarter	As of 3 rd Quarter	% Annual
7.5 IEC Activities	no. of activity	3	1	2	1 (100.00%)	4 (200.00%)	133.33%
	6,666.67	20,000.00	66,666.67	13,333.33	6,920.00 (103.80%)	39,520.00 (296.40%)	197.60%
7.6 Rice Farmers Assistance	no. of farmer assisted	12	3	9	1 (33.33%)	4 (44.44%)	33.33%
	7,500.00	90,000.00	22,500.00	67,500.00	22,500.00 (100.00%)	66,525.00 (98.56%)	73.92%
7.7 Purchase of Handheld GPS	unit	1	1	1	0 (0.00%)	0 (0.00%)	0.00%
	30,000.00	30,000.00	30,000.00	30,000.00	0 (0.00%)	0 (0.00%)	0.00%
7.8 Production of Horticulture Projects	kilogram	480	120	360	125 (173.58%)	400 (111.14%)	83.35%
	333.33	160,000.00	40,000.00	120,000.00	49,247.00 (123.12%)	164,277.00 (136.90%)	102.67%
TOTAL (PHP)		715,000.00	209,166.67	535,833.33	237,497.00 (113.54%)	586,074.00 (109.38%)	81.97%


FIELD FINDINGS/ OBSERVATIONS/COMMENTS	RECOMMENDATIONS	PHOTODOCUMENTATION
<p>1. Unaccomplished activities are as follows:</p> <ul style="list-style-type: none">• <i>Rehabilitation of mined-out areas;</i>• <i>Construction of environmental facilities such as trapezoidal weir for siltation pond and eco-park observation post; and</i>• <i>Research study: Survivability of Azolla in mine wastewater</i> <p>Utilized 104.23% of the budget allocated for the quarter (PHP 8,860,184.00 out of PHP 8,500,781.09). As of 3rd quarter, the company spent a total of 70.08% of its annual budget (PHP 23,741,997.00 out of PHP 33,879,560.00).</p>	<p>Ensure completion of target activities in the remaining quarter especially the land preparation at Block C5.</p>	




2. Bund wall observed only at the northwestern portion of Block 3 (one of the areas covered by STCEP).







Extend construction of bund wall up to the northeastern portion of Block C3.



FIELD FINDINGS/ OBSERVATIONS/COMMENTS	RECOMMENDATIONS	PHOTODOCUMENTATION
<p>3. Indistinct bund wall at Block 2 (active mine area and covered by STCEP)</p>	<p>Reconstruct bund wall along the current perimeter (shown by the white line) ensuring its stability at all times.</p> <p>Increase the capacity of the constructed SCS in Block 2.</p>	

FIELD FINDINGS/ OBSERVATIONS/COMMENTS	RECOMMENDATIONS	PHOTODOCUMENTATION
4. Still with remaining 1.03 – hectare TRP area	Subject the area for progressive rehabilitation per Section 5 of DAO No. 2018 -19.	
5. Placed geotextile at Tagusao Siltation Pond does not cover the sides of the drainage canal (exit point).	<p>Rectify the geotextile positioning at all siltation pond discharges ensuring that the channel embankment are covered.</p> <p>cross section</p> 	

FIELD FINDINGS/ OBSERVATIONS/COMMENTS	RECOMMENDATIONS	PHOTODOCUMENTATION
<p>6. No signage for Pasi 3 SP, SCS near CERI, and Block A SP No. 2.</p>	<p>Provision of signages for said structures.</p>	<div data-bbox="1498 264 1791 289">Pasi 3 SP discharge point</div>   <div data-bbox="1653 564 1877 589">Block A SP No. 2</div>  <div data-bbox="2140 564 2333 589">SCS near CERI</div> 

END.