

RTNMC

Gotok Limestone Quarry Project 2nd Quarter AEPEP



23/08/2022, 9:35 am

1.0 LAND RESOURCES

1.1 Progressive Rehabilitation - Backfilling and Reforestation of Mined-out Areas

Particular	Target (Physical/Financial)			Accomplishment (Physical/Financial)		
	Annual	Quarter	As of Quarter	Quarter	As of Quarter	%Annual
Progressive Rehabilitation - Backfilling & Land Preparation of Mined-out Areas/Topsoil Management (hectare)	0.61	0.61	0.61	0	0	0%
	611,258	-	611,258	-	241,055	39.44%
No. of seedlings planted	1,525	-	1,525	0	0	0%

Remarks/Recommendations:

- Reason for not attaining target:
The area is used as stockpile of limestone.
Ongoing clearing of limestone during the MMT was observed.

1.0 LAND RESOURCES

1.2 Progressive Rehabilitation - Maintenance and Protection

Particular	Target			Accomplishment		
	Annual	Quarter	As of Quarter	Quarter	As of Quarter	%Annual
No. of patrol works conducted	12	3	6	3 (100%)	6 (100%)	50%
	604,484	82,949.75	439,091	85,278 (100%)	127,380 (29%)	21.1%
Area covered (hectares)	4.4	4.4	8.8	4.4 (100%)	8.8 (100%)	50%

Remarks/Recommendations:

- 1. Reason for not attaining target:
Delayed PR and/or accounting report.

2.0 WATER RESOURCE AND QUALITY

2.1 Maintenance of Siltation Ponds/Silt Collector Sumps

Particular	Target			Accomplishment		
	Annual	Quarter	As of Quarter	Quarter	As of Quarter	%Annual
No. of sumps maintained	3	3	6	3 (100%)	6 (100%)	50.00%
	4,582,973	1,145,743	2,291,486	496,312 (43.32%)	1,141,760.36 (49.83%)	24.91%
Volume desilted (cubic meter)	4,000	1,000	2,000	750 (75%)	3,195 (159.75%)	79.9%

Remarks/Recommendations:

- Reason for not attaining target:
Delayed PR and accounting report.

2.0 WATER RESOURCE AND QUALITY

2.2 Maintenance of Canals

Particular	Target			Accomplishment		
	Annual	Quarter	As of Quarter	Quarter	As of Quarter	%Annual
No. canals maintained	3	3	6	3 (100%)	6 (100%)	50%
	2,784,286	696,071	1,392,142	183,672 (26.39%)	183,672 (13.19%)	6.7%
Length of canals (meter)	155	155	310	155 (100%)	310 (100%)	50%

Remarks/Recommendations:

- Reason for not attaining target:
Delayed PR and/or accounting report.

2.0 WATER RESOURCE AND QUALITY

2.3 Water Quality Monitoring

Particular	Target			Accomplishment		
	Annual	Quarter	As of Quarter	Quarter	As of Quarter	%Annual
No. of sampling conducted	12	3	6	3 (100%)	6 (100%)	50%
No. of parameters analyzed	2	2	4	2 (100%)	4 (100%)	50%
	62,000	15,000	30,000	16,858 (112.38%)	16,858 (56.19%)	27.19%
No. of sampling stations	25	25	50	25 (100%)	50 (100%)	50%

Remarks/Recommendations:

2.0 WATER RESOURCE AND QUALITY

2.4 Solid Waste Management

Particular	Target			Accomplishment		
	Annual	Quarter	As of Quarter	Quarter	As of Quarter	%Annual
No. of monitoring activities	12	3	6	3 (100%)	6 (100%)	50%
	114,685	-	114,685	0	0	0
Solid waste produced (kg)	480	120	240	367.53 (306.3%)	832.47 (346.86%)	173.4%

Remarks/Recommendations:

- Reason for not attaining target:
Delayed PR and/or accounting report.

2.0 WATER RESOURCE AND QUALITY

2.5 Hazardous Waste Management

Particular	Target			Accomplishment		
	Annual	Quarter	As of Quarter	Quarter	As of Quarter	%Annual
No. of Hauling/ Treatment	1	-	1	1 (100%)	1 (100%)	100%
	51,600	-	51,600	0	0	0
Hazardous waste produced (kg)	16	4	8	16.8 (420%)	49.47 (618.4%)	309.2%

Remarks/Recommendations:

- Reason for not attaining target:
Delayed PR and/or accounting report.

3.0 AIR QUALITY

3.1 Dust Control – Road Watering (Haulage Road)

Particular	Target			Accomplishment		
	Annual	Quarter	As of Quarter	Quarter	As of Quarter	%Annual
Distance covered (km)	1.5	1.5	3	1.5 (100.00%)	3 (100.00%)	50.00%
	6,568,318	1,690,097	3,251,079	364,479 (21.57%)	1,070,347 (32.92%)	16.3%
Volume of water used (cubic meter)	5,400	1,500	3,000	822 (54.8%)	2,056 (68.5%)	38.1%
No. of carts maintained	3	3	6	3	6	50%

Remarks/Recommendations:

- Reason for not attaining target:
Delayed PR and/or accounting report.

3.0 AIR QUALITY

3.2 Dust Control – Road Watering (Quarry Road)

Particular	Target			Accomplishment		
	Annual	Quarter	As of Quarter	Quarter	As of Quarter	%Annual
Distance covered (meter)	150	150	300	150 (100.00%)	300 (100.00%)	50.00%
	748,800	192,000	425,600	1,501 (<1%)	1,501 (<1%)	(<1%)
No. of trips	283	78	155	78 (100%)	155 (100%)	50%

- Remarks/Recommendations:
- 1. Reason for not attaining target:
Delayed PR and/or accounting report.

3.0 AIR QUALITY

3.4 Air Quality Monitoring

Particular	Target			Accomplishment		
	Annual	Quarter	As of Quarter	Quarter	As of Quarter	%Annual
No. of sampling conducted	12	3	6	3 (100%)	6 (100%)	50%
No. of parameters analyzed	1	1	2	1 (100%)	2 (100%)	50%
	158,200	-	158,200	7,113	18,884 (11.9%)	11.9%
No. of sampling stations	2	2	4	2 (100%)	4 (100%)	50%

Remarks/Recommendations:

- 1. Reason for not attaining target:
Delayed PR and accounting report.

7.0 OTHERS

7.1 General Monitoring

Particular	Target			Accomplishment		
	Annual	Quarter	As of Quarter	Quarter	As of Quarter	%Annual
General monitoring	12	3	6	3 (100%)	6 (100%)	50%
	850,602	216,148	394,989	167,454 (77.47%)	270,311 (68.43%)	31.78%

Remarks/Recommendations:

- 1. Reason for not attaining target:
Delayed PR and accounting report.

PHOTO DOCUMENTATION



Photos of siltation pond at the crushing plant (left) and quarry area (right).



Photo showing a covered topsoil stockpile at the quarry area.



Photo showing the current status of the rehabilitated areas of Gotok Quarry