



Republic of the Philippines
Department of Environment and Natural Resources
FOREST MANAGEMENT BUREAU
Visayas Avenue, Diliman, 1100 Quezon City
Tel. No. (632) 927-4788 Fax No. (632) 928-9313
E-mail Address: fmbdenr@mozcom.com / Website: <http://forestry.denr.gov.ph>

MEMORANDUM

FOR/TO : All Regional Executive Directors
All Assistant Regional Directors
All PENROs
All CENROs

FROM : The Director

SUBJECT : **TECHNICAL BULLETIN NO. 1-B REVISED GUIDELINES ON SURVEYING, MAPPING AND PLANNING DEVELOPMENT AND OTHER ACTIVITIES FOR EXPANDED NATIONAL GREENING PROGRAM (eNGP) PLANTING SITES**

DATE : NOV 19 2019

I. Technical Bulletin

This Technical Bulletin is the revision of Technical Bulletin I-A issued in 3 June 2016. This enumerates the activities to be undertaken in 2019 onwards in order to pave the way for the smooth implementation of the Expanded and Enhanced National Greening Program (eNGP) in compliance to Executive Order No. 193 series of 2015 and its Revised Implementing Rules and Regulations under DAO 2019-03. For the eNGP, site assessment activities and survey, mapping and planning (SMP) activities should be thoroughly done to ensure that plantations to be established are suitable in the area so that high success rates will be attained. This revised TB added guidelines on the inclusion of data on soil analysis as part and requirement for the SMP of eNGP sites to be established.

II. Users of the Technical Bulletin

Users of this Technical Bulletin are, but not limited to the following: Regional Executive Directors (REDs), Assistant Regional Directors (ARDs), Provincial Environment and Natural Resources Officers (PENROs) and Community Environment and Natural Resources Officers (CENROs) and other eNGP field implementers.

III. Activities to be Undertaken

- A. Conduct of Consultation and Information Education, and Communication (IEC) campaign.** This activity should be done to inform and consult male and female partners and surrounding communities about the objectives and goals of the Program.
- B. Conduct of Soil Analysis.** This activity should be done to determine soil properties and species appropriate to it as well as to identify interventions to improve the soil

condition of proposed eNGP sites. A separate eNGP technical bulletin will be issued for this activity.

C. Survey, Assessment and Preparation of GIS-generated map of all planting sites programed to be established for the succeeding year of implementation. All identified planting sites shall be subjected to perimeter survey, assessment and preparation of GIS-generated map, in shapefile format, following the prescribed color, site code and with corresponding completed attribute data/information:

Table 1. Attribute Table

Field Label	Field Properties	Description	Sample Data
REGION	Text (50 Char.)	Regional Jurisdiction (in Roman Numeral)	III, IX, ARMM, CAR, NCR, MIMAROPA
DISTRICT	Text (50 Char.)	Congressional District (in Roman Numeral)	Lone District, I, II, III
CENRO	Text (100 Char.)	Name of CENRO municipality location For implementing PENROs – <i>PENRO Target</i>	Talavera or PENRO Target
PENRO	Text (100 Char.)	Name of PENR Office	Nueva Ecija
BARANGAY	Text (100 Char.)	Name of Barangay	Digmala
MUNI_CITY	Text (100 Char.)	Name of Municipality	Bongabon
PROVINCE	Text (100 Char.)	Name of Province	Nueva Ecija
AREA	Double (10,4)	Area in Hectares	20.1441
NAME_ORG	Text (255 Char.)	Full Name of Organization involved in the Plantation Establishment (Should NOT be just the abbreviation)	Calaanan-Digmala Upland Farmers Multi-Purpose Cooperative (CDUFMPC)
CONT_PERS	Text (50 Char.)	Name of Contact Person of the Organization	Juan dela Cruz
TYPE_ORG	Text (50 Char.)	Type of Organization	PO, LGU, NGA, OGA, CSO
COMPONENT	Text (50 Char.)	Name of Component (e.g. Agroforestry, Reforestation, Restoration, ANR)	Agroforestry, Reforestation
COMMODITY	Text (50 Char.)	Type of Commodity (e.g. Timber, Fuelwood, Coffee, Cacao, Rubber, Bamboo, Rattan, Indigenous species, Mangrove, Other Fruit Trees)	Coffee, Indigenous species
SPECIES	Text (255 Char.)	Species planted in alphabetical order (e.g. Narra, Coffee, Kupang)	Coffee, Kupang, Narra
YEAR	Text (10 Char.)	Year of Establishment	2019
ZONE_CAT	Text (100 Char.)	Management Zone and/or Area Category (Production,	Protection

Field Label	Field Properties	Description	Sample Data
		Protection, Conservation, Special treatments: ANR, Enrichment Planting, old NGP sites)	
TENURE	Text (100 Char.)	Tenurial Instrument issued (e.g. CBFMA)	CBFMA
NO_LOA	Short Integer (100)	Number of LOA issued	5
RIV_BASIN	Text (100 Char.)	Name of River Basin where the plantation site is located, if there are any	Pampanga River Basin
WATERSHED	Text (100 Char.)	Name of Watershed where the plantation site is located	Upper Pampanga River Watershed
REMARKS	Text (500 Char.)	Other relevant information (e.g. change of commodity, change of PO name, change of location)	Commodity changed to..., PO changed its name to...
YR_CD	String/text type	Year the plantation was established	19
PSGC_CD	String/text type	Codes based on the PSGC Region - III Province – Nueva Ecija CENRO Municipality - Munoz	034917 03 49 17
SITE_ID	String/text type	Site number assignment	0001
AREA_CD	String/text type	Contracted area planted	0020
UNIQ_ID	String/text type	Combined codes separated by hyphen	19-034917-0001-0020
SOIL_pH	Short Integer (10 Char)	Result of soil test on pH (4.0 – 7.6)	5.4
SOIL_N	Text (50 Char.)	Result of Soil Test on Nitrogen (N) content (Low, Medium, High)	Medium
SOIL_P	Text (50 Char.)	Result of Soil Test on Phosphorus (P) content (Low, Medium, High)	Low
SOIL_K	Text (50 Char.)	Result of Soil Test on Potassium (K) content (Low, Medium, High)	High

Table 2. Prescribed Color of Polygons for CY 2017-2028 shall be as follows:

Year	Color	RGB Combination		
		Red	Green	Blue
2017	Free Speech Green	25	232	2
2018	Olive Green	181	179	92
2019	Red Berry	142	0	0

2020	Blizzard Blue	163	227	237
2021	Crusta	253	123	51
2022	White Rock	2	37	237
2023	Deep Pink	255	20	147
2024	Wheat	245	222	179
2025	Indigo	75	0	130
2026	Gold	255	215	0
2027	Rosy Brown	188	143	143
2028	Medium Turquoise	72	209	204

1. All identified planting sites shall be subjected to perimeter survey and geotagged photos and shapefiles using WGS 1984 datum.
2. SMP shall identify areas into the following category or zone:
 - i. Areas to be developed for production
 - ii. Areas to be developed for protection
 - iii. Areas to be developed for conservation
 - iv. Areas for special treatments (Assisted Natural Regeneration (ANR), enrichment planting, densification, cover crop planting, non-plantable areas, old NGP sites)
3. All areas identified for development or rehabilitation which had undergone SMP and soil collection shall be certified by the head of DENR Field Office who conducted the SMP and soil collection.

D. Planning

DAO 2019-03 Section 5.3, states the activities to be undertaken in the planning process of land development which requires the submission of a reforestation/rehabilitation/restoration operation plan by forest landscape, critical, community or proclaimed watershed and/or conservation area.

The annotated outline for the Operation Plan is attached herein as Annex A.

- IV. Standard Cost.** The cost of the SMP is **Php 550.00** per hectare as stipulated on Technical Bulletin No. 10-A.

FOR INFORMATION AND GUIDANCE.


NONITO M. TAMAYO, CESO IV

ANNEX A

OUTLINE OF THE 5-YEAR REFORESTATION/ REHABILITATION/ RESTORATION OPERATION PLAN FOR THE ENHANCED AND EXPANDED NATIONAL GREENING PROGRAM OF THE PENRO/CENRO

I. INTRODUCTION AND BACKGROUND OF THE PLAN

- This will give the scope and rationale of the plan for the eNGP as well as the specific project development objectives of the field in accordance to the eNGP thrust.

II. FORESTLAND PROFILE OF THE AREA OF JURISDICTION

- A. Biophysical condition of the area of jurisdiction
- B. Profiling
- C. Existing tenures, NGP Plantations established and other reforestation activities, projects and initiative implemented
- D. Socio-Economic Profile of communities in the uplands
- E. SWOT

III. AVAILABLE AREAS FOR DEVELOPMENT

- This section shall discuss the result and analysis of the SMP conducted as to which categorical condition it falls that can be used as reference for deciding on which approach or mode of implementation will be executed.
- This should give data on the extent of the areas for each categorical condition that will serve as the universe of the targets to be funded each for 5 years.
 - A. Surveyed Areas within the 143 Critical Watershed
 - B. Surveyed areas within PAs
 - C. Surveyed areas without existing POs and other qualified partners
 - D. Surveyed areas without tenure and adjacent communities
 - E. Surveyed areas with tenure
 - F. Surveyed areas with claimants
 - G. Surveyed areas within ancestral domains (NCIP jurisdiction)

IV. MODE OF IMPLEMENTATION to be used

- This section shall contain the annual breakdown of targets per mode of implementation.
- This shall also consider and observe the concept of reforestation of degraded lands and the concept of ecological succession.
- Sites that will be needing soil amelioration and conditioning shall be specified in which year to be done.
- Sites that can already be developed using climax species under the NGP Commodity shall be specified in which year it will be done.
- Seedling production, nursery operations and other preparatory activities shall be included in the implementation plan.

A. Areas to be implemented by Administration

- Surveyed areas within 143 Critical Watersheds
- Surveyed areas within PAs
- Surveyed areas without existing POs and other qualified partners
- Surveyed areas without tenure and adjacent communities

B. Areas for Community/PO Contracting

- Surveyed areas with tenure
- Surveyed areas with good-standing POs

C. Areas for Family Approach Contracting

- Surveyed areas with claimants

V. SITE DEVELOPMENT ACTIVITIES

- This can be shown using a matrix with its narrative explanation on how it will be executed in a 5-year implementation.

A. SMP, Site Assessment and Community Consultation

B. Nursery Establishment and Seedling Production

C. Site Preparation

D. Plantation Establishment

E. Maintenance and Protection Activities

VI. SITES FOR REHABILITATION/ REPLANTING

- The established NGP sites that need rehabilitation shall also be included in the Operation Plan which will be implemented by Administration.

Data and List of the following should be prepared for ready reference

- Number and Area of NGP Sites within the 143 Critical Watersheds without existing tenure
- Number and Area of NGP Sites within Protected Areas
- Number and Area of NGP Sites for Rehabilitation/Replanting
- Number and Area of NGP Sites for Adoption

VII. SCHEDULE OF ACTIVITIES

ANNEXES (Maps, Matrices, Lists, WFPs)