

FOREST AND ENVIRONMENT MANAGEMENT

JHMC continues to strictly implement and maintain the forest density, and clean air and water resources in the 53% of the forested land of Baguio City in partnership with the DENR with the apprehension on illegal occupancy, excavation and tree cutting activities in the Reservation.

Thirty-four (34) Deputy Environment and Natural Resource Officers (DENRO) consisting of JHMC employees and security providers were authorized by DENR to enforce environment and forest protection laws, rules and regulations within Camp John Hay in 2017.

Enrichment Planting Program / Support to the National Greening Program

JHMC has complied with Executive Order No. 26 otherwise known as the National Greening Program (NGP) of the government by planting suitable seedling (e.g. Benguet Pine, Arabica coffee) within the inadequately-stocked areas of Camp John Hay and even outside CJH through tree seedling donations. JHMC provided a total of **5,343 assorted tree seedlings** from various activities. Also, more than 10,000 various tree seedlings were propagated for enrichment planting and re-greening programs of Camp John Hay.



Various enrichment planting and tree seedling donation activities in 2017



Tree Planting and Participation to the Brigada Eskwela Project

Brigada Eskwela Tree Planting from May 15 – 30, 2017	
San Vicente National High School	70 Arabica coffee seedlings
Jose P. Laurel Elementary School	50 Arabica coffee seedlings
Happy Hallow Elementary School	50 Arabica coffee seedlings
Baguio Country Club Elementary School	50 Arabica coffee seedlings
SUB-TOTAL	220 seedlings

Donations to Partner Groups and Agencies

Date	Agency	No. of Seedlings	Planting Site / Location
January 24, 2017	SC Reservations, Inc.	20 Arabica coffee	IHG compound
June 02, 2017	PENRO Benguet	620 Benguet pine	Inidian, Bokod and Apalan, Itogon, Benguet
June 05, 2017	Fonda B. Laking	20 Bamboos	Urban garden fencing at Palma, Baguio City
July 20, 2017	Cypress Christian Foundation School	<ul style="list-style-type: none"> • 50 Benguet pine • 50 Arabica coffee 	Baguio City (near Bell Church) as designated by the CEPMO
July 21, 2017	Hillside Day Care Center	<ul style="list-style-type: none"> • 50 Benguet pine • 8 Arabica coffee 	BCNHS- Annex Hillside School premises
August 2017	CENRO- Baguio City	1,100 Benguet pine	Replacement for the 11 dead trees issued a Tree Cutting Permit to JHMC
August 11, 2017	King of the Mountain Trail Run	1,000 Arabica coffee	Downslopes of Mt. Ugo, Itogon, Benguet
August 30, 2017	Mil-an National High School	<ul style="list-style-type: none"> • 75 Benguet pine • 75 Arabica coffee 	Baguio City
Sub-total		3,068 seedlings	

Enrichment and Replacement Planting and Forest Care Activities 2017

Date	Partner Agency / Group	No. of Seedlings	Planting Site / Location
June 2017	Benguet State University – Forestry	175 Benguet pine	Dagsian, JHRA
July 07, 2017	JHMC Employees, its service providers TABI	<ul style="list-style-type: none"> • 165 Arabica Coffee • 100 Benguet pine trees 	Dagsian, JHRA <i>Note: 100 of these planted trees are to be credited to the tree planting requirement for the year 2017 of TABI.</i>
August 05, 2017	Baguio City National High School and JHMC	200 Arabica coffee	Historical Core- Replacement planting of mortalities
August 29, 2017	JHMC Board of Directors and EMD personnel	90 Benguet pine trees	History Trail and cemetery of Negativism, Historical Core
August 30, 2017	Baguio Country Club Elementary School	<ul style="list-style-type: none"> • 65 Arabica coffee • 40 Benguet pine 	<ul style="list-style-type: none"> • Replacement planting of mortalities • Forest care activities conducted
September 09, 2017	San Vicente National High School	<ul style="list-style-type: none"> • 500 Benguet pine • 500 Arabica coffee 	Dagsian, JHRA
September 24, 2017	Group of Baguio Medical doctors	<ul style="list-style-type: none"> • 50 Benguet pine • 50 Arabica coffee 	Secret garden
October 10, 2017	JHMC Board of Directors and JHMC Staff	90 Benguet Pine	Historical Core, CJH
December 09, 2017	Baguio City National High School	30 coffee seedlings	Historical Core, CJH
Sub-total		2,230	
TOTAL		5,343	

JHMC constantly provides Information and Education Campaigns (IEC) on forest and environmental awareness, conservation and protection through Ecological Awareness Campaigns and Talks with a total of **325 participants** from different public and private schools, government agencies and private organizations. It aims to increase the awareness and participation of not only the stakeholders of JHMC but also the surrounding communities.



*“Greening the JHMC Office:
Where Are We Now?”*

*“Tree Surgery Procedures”
with Dr. Kenneth P. Laruan*

*“Forest and Environment Management
Measures in Camp John Hay”*



*“Climate Change:
Global Challenge for Survival”*

Proper Tree Care and Planting Procedures

Forest Care Activities of newly planted tree seedlings in the Historical Core Camp John Hay.

With BCCVES “Global Warming: A Global Challenge for Survival” and teaching them the proper tree planting procedures

Memorandum of Agreement for the “Adopt-an-Estero / Creek / River / Waterbody” Program between JHMC & EMB-CAR

The Adopt-an-Estero program is a collaborative undertaking among the communities, private entities, local government units and the DENR. Under the program, partners and organizations “adopt” a portion of a waterway to improve its water quality through regular clean-up drives, conduct information and education campaigns in surrounding communities, and mobilize the citizenry in helping clean up the waterway. JHMC continually participated in the program. For 2017, a **total of 1.346 tons of solid wastes** were collected from the **four (4) clean-up drives** conducted at the Loakan Creek.



Adopt-an-Estero Program: Clean up drives at the Loakan Creek



Ambient Air Quality in the JHSEZ

Camp John Hay maintains to be within the “Good” category (readings from 0-50 ug/cubic meter PM 10) in the Air Quality Index with an average reading of 28 ug/cubic meter Particulate Matter 10 (PM 10), as validated by the DENR, Environment Management Bureau (EMB)-CAR. JHMC is proud to have Pollution Control Officers whose accreditations were renewed by the aforesaid agency.

Monitoring Period	Particulate Matter 10, $\mu\text{g}/\text{m}^3$		Air Quality Index
	Mile Hi Center	Baguio Ayala Land Technohub	
March 8-9, 2017	25	21	“GOOD”
April 25-26, 2017	32	30	
August 10-11, 2017	16	32	
October 19-20, 2017	32	38	
Average PM 10 for CY 2017 = 28 $\mu\text{g}/\text{m}^3$			“GOOD”

JHMC also took active part in the various BLISTT – Airshed Technical working group activities and meetings headed by the EMB-CAR in support to Clean Air Initiatives in the Cordillera Region such as the Carless Day and the Run for Cleaner Air of the DENR-CAR and the EMB, etc.

Hazardous Waste Management

In 2017, the EMB-accredited service provider of JHMC hauled and transported the hazardous wastes of all JHSEZ locators based on the joint inspection conducted by the JHMC EMD and EMB. It is to ensure that all hazardous wastes taken out from JHSEZ locators have proper permits from the EMB a hazardous waste transporter and treatment facility.

Sanitation Cutting Activities as a measure to ensure public safety, control of forest pest and diseases infestation within the pine forest of Camp John Hay.

A total of **one hundred thirty-seven (137)** dead, dangerous and pest-infested Benguet pine trees and trees posing imminent danger to lives and properties within the JHSEZ were issued a Tree Cutting permit by the DENR. All tasks pertinent to this have been witnessed and supervised by an Inspectorate Team comprised of representatives from JHMC, DENR – CAR, CENRO Baguio, DENR-WWRRC, LGU, Indigenous Peoples.

Firelines within the CJH Forest

A total of **46,100 square meters** of firelines within the JHRA and Historical Core were established and maintained. Camp John Hay, being heavily forested, considers forest fires as a major concern/ risk in forest management.



Sanitation Cutting Activities



During the presentation of funding windows with DENR-WWRRC, DOT-CAR and DOST-CAR for the support to the SFMP of CJH (APRIL 27, 2017)



Sustainable Forest Management Plan (SFMP)

Consultative meetings with various agencies were conducted for 2017. A collaborative partnership with the DENR –WWRRC was sought to come-up with an SFMP capsule proposal.

REGULATORY SERVICES

Special Economic Zone Administration Department/One-Stop-Action Center/Customs Clearance Area

JHMC is consistent with its processing time for the issuance of regulatory permits for renewals to an average of fifteen (15) minutes, and for new applications to an average of three (3) days.

A total of **47,014 inspections** were conducted and properly documented at the Customs Clearance Area (CCA) for the ingress and egress of all goods and articles in the JHSEZ.



Actual inspection activity at the CCA

JHMC-Office of the Building Official/ Project Management Division

The JHMC-OBO ensures compliance of all locators with the National Building Code and the Comprehensive Fire Code of the Philippines. There were **13 issued building permits** and one (1) Notice to Proceed, three (3) building permits endorsed to BCDA, 3 sign permits, and **39 annual mechanical and electrical permits**. While, **29 house repair permits** were issued by the PMD to the JHRA.

Environment Management Services

Seventy-three (73) Certificate of Environmental Compliance (CEC) were approved and issued. Applications processed were inspected or audited to ensure that the locators/ business enterprises satisfactorily complied with environment and sanitation standards prior to its approval.