

FOREST AND ENVIRONMENT MANAGEMENT

The forest watershed of Camp John Hay (the Camp) is considered as the “last frontier” of vast forested area within Baguio City, reason why it has been dubbed as the “Lungs of the City”. In fact, according to DENR-CAR statistics, this Benguet Pine-dominated forest within the Camp accounts for roughly 53% of the remaining forest cover of Baguio City. No wonder why the *Ambient Air Quality Index* within this tourist haven in Baguio City has consistently been rated as “GOOD” by the DENR –Environmental Management Bureau, which is so far the best index in the entire BLISTT District.

Reforestation/ Enrichment Planting Program/ Support to the National Greening Program

JHMC has consistently 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, Tibig, Calliandra and African tulip) within the inadequately-stocked areas of Camp John Hay and even outside CJH. During the year, JHMC donated 250 seedlings of Arabica coffee to Sangguniang Kabataan and conducted tree planting activities with the participation of JHSEZ locators, students, barangay representatives, other government agencies and environment-oriented organizations with about 4,365 Benguet pine, Arabica coffee, Tibig, Calliandra and African tulips planted. There were also 5,991 ornamental plants propagated, maintained and planted within Historical Core while a total of 14,012 seedlings of Benguet pine, African tulip, Ipil-ipil and Arabica Coffee were propagated.

JHMC organized and conducted seven (7) Eco-Awareness talks with a total of 591 participants from different public and private schools, JHSEZ locators, various government agencies and private organizations. It aims to increase awareness as well as to encourage active participation in the protection and conservation of the environment and natural resources.



Orientation to all Volunteers on 25 June 2019 before the tree planting activity in participation for the celebration of the Arbor Day.



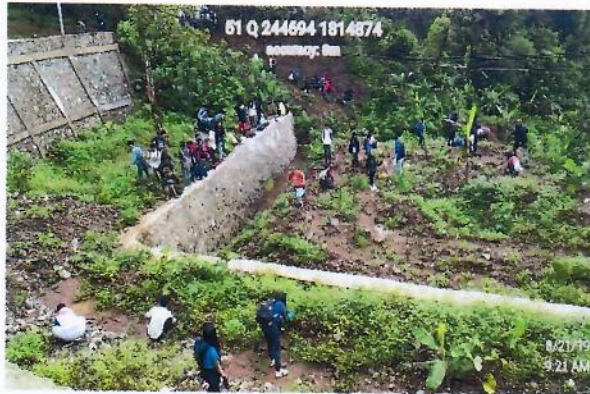
Volunteers planting trees during the celebration of the Arbor Day on 25 June 2019.



Tree planting with San Vicente National High School and other volunteers on 27 July 2019.



Orientation before the Tree planting and ecological awareness drive with DepEd Baguio Division Schools on 21 August 2019.



Tree planting and ecological awareness drive with DepEd Baguio Division Schools on 21 August 2019.



*Earth Month Celebration
Plogging and Mini Eco-Talk*



JHMC-Environment Officer giving awareness talk on "Business and Climate Change Adaptation" to the BS Administration students of University of the Cordilleras on 10 July 2019.



*Participation of JHMC in
EMB-CAR's Cordillera-wide
Campaign: "Bayani ng
Kalikasan" on 19 June 2019*



JHMC Eco-Events

General Forest Care

In order to continually protect and improve forest quality, general forest care activities such as fireline maintenance, gathering of abandoned forest wastes, assisted natural regeneration (ANR), and thinning of pine stands are being conducted within portions of the JHSEZ and JHRA during the year.

Tree Cutting Operations

JHMC initiated tree cutting operations to eliminate 237 Benguet Pine trees that posed danger to public safety and/or pest-infested to ensure public safety as well as to prevent the spread of the infestation/infection to the healthy trees. These tree cutting events were all covered by a Tree Cutting Permit issued by the DENR-CAR.

Solid Waste Management

The Waste Analysis and Characterization Study (WACS), specifically the gathering of data on weekday, peak season and weekend solid waste generation was completed in October 2019. This covered the following locators representative of the whole JHSEZ.

- Choco Late De Batirol
- JHMC Operations
- SC Reservations Inc.
- ALL APMC Locators
- ALL Mile Hi Center Locators
- Starbucks 661
- Cantinetta

JHMC also established the Anti-Littering Policy within the JHSEZ. Signages in the strategic entry points within the JHSEZ have information signages on the Anti-Littering Policy enforced in the JHSEZ.



Signage in the strategic entry points within the JHSEZ that have information signage on the Anti-Littering Policy.

Philippine Clean Water Act

All septic tanks under JHMC operations were inspected and checked for validity of Discharge Permits, compliance to permit conditions, and integrity of these facilities. The result is there no Notices of Violations issued. The JHMC has also been represented in the Bued River System Water Quality Management Area (WQMA) Technical Working Group meetings.

Air Quality Management

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 24 ug/ cubic meter Particulate Matter 10 (PM), as validated by the DENR, Environment Management Bureau (EMB)-CAR.

Monitoring Period	Particulate Matter 10, $\mu\text{g}/\text{m}^3$		Air Quality Index
	Mile Hi Center	Baguio Technohub	
First Quarter 2019	22 $\mu\text{g}/\text{NCM}$ Feb. 1 – 2, 2019	25 $\mu\text{g}/\text{NCM}$ Feb. 5-6, 2019	“GOOD”
Second Quarter 2019	34 $\mu\text{g}/\text{NCM}$ June 21- 23, 2019	20 $\mu\text{g}/\text{NCM}$ June 24 – 25, 2019	
Third Quarter 2019	9 $\mu\text{g}/\text{m}^3$ October 04 – 06, 2019	10 $\mu\text{g}/\text{m}^3$ October 7-8, 2019	
Fourth Quarter 2019	27 $\mu\text{g}/\text{m}^3$ December 06- 07, 2019	41 $\mu\text{g}/\text{m}^3$ December 07-08, 2019	
Average PM 10 = 24 $\mu\text{g}/\text{m}^3$			“GOOD”

All air pollution sources of the JHMC operations (standby generator sets) were inspected and checked for validity of EMB Permit to Operate, compliance to permit conditions, and integrity of these facilities. No Notices of Violations were issued after the inspection.

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.

Hazardous Waste Management

For the year 2019, EnviroCare Management Precision Incorporated as its EMB-accredited Hazardous waste transporter / service provider, JHMC has responsibly disposed 1.448 Tons waste electronics, 137 kilograms of busted lamps and lead acid batteries.

Compliance to Chemical Control Order

DENR-EMB issues Chemical Control Orders (CCOs) that prohibit, limit, or regulate the use, manufacture, import, transport, processing, storage, possession, and wholesale of those priority chemicals that it determined to be regulated, phase-out, or banned because of the serious risks they pose to public health, workplace, and environment. This is a special order and compliance separate from those identified hazardous wastes. An inventory of JHMC-managed structures was done to come up with the approximate volume and reported this to EMB CAR. JHMC submitted its *JHMC Chemical Management Plan for Asbestos* TO EMB CAR on 15 January 2019. These are steps taken towards the greater task of gradually phasing out / removing the remaining ACM within the JHSEZ.

Adopt-An-Estero/ Water Body Program

This is a collaborative undertaking between and among communities along creeks and water ways with EMB as the lead agency. The objective is mobilizing the local communities and individuals to be more aware and ecologically responsible on managing solid wastes that end up in bodies of water.

During the 20 June 2019 DENR –EMB Recognition of Best Adopters, JHMC was given a Certificate of Appreciation as an active adopter of Bued River Tributary. At the same time, the MOA renewal signing was also held with VPCOO Jane Tabalingcos as its representative.



VPCOO Jane Theresa G. Tabalingcos and Ms. Editha M. Mejia, JHMC Environment Officer receives the Certificate of Appreciation given to JHMC by DENR-EMB as an active adopter of Bued River Tributary.



MOA renewal signing of the Adopt-An-Estero Program with VPCOO Jane Theresa G. Tabalingcos as representative of JHMC.