



LAGUNA LAKE DEVELOPMENT AUTHORITY

First Quarter Accomplishment Report, 2016

MFO 1: Planning and Policy Services

A. Policy Formulation

On January 11, 2016, Memorandum Circular No. 2016-01 re: Addendum to the Implementing Rules and Regulations Implementing BR No. 2007-388 for Water Permitting, Registration and Monitoring System was approved by Secretary Acosta. This was published on February 3, 2016 at the Philippine Star and registered to the University of the Philippines-Office of the National Administrative Register (UP- ONAR) on February 5, 2016. The guidelines of the above memorandum circular shall apply to all development projects, installations and activities that extract water from Laguna de Bay and other water bodies within the region.

Another policy circular was approved in March 2016, Memorandum Circular No. 2016-02 re: Allowing Fishpen/Fishcage operation with outstanding arrears in registration and other fees to settle their dues in kind, pursuant to Article 1245 of the Civil Code. This will facilitate and allow an easier collection and settlement of arrears that are due and demandable.

At the end of the first quarter, Memorandum Circular No. 2016-03 re: Implementing Rules and Regulations of BR 414 s. 2011 – Institutionalization and Implementation of the Integrated Watershed Management Program and Creating Watershed Management Councils (WMC) in the 24 Sub-basins of Laguna de Bay Basin and Allocating Funds, thereof was approved on March 22, 2016.

B. Organization Performance Monitoring and Evaluation

The 2015 LLDA Performance Scorecard has been finalized and endorsed to the Chief of Staff (COS) for final review and endorsement to the Office of the General Manager for approval.

The integrated 2016 Work Program and Budget including Indicative Work Program (2017-2020) has been finalized for presentation and approval of the LLDA Board of Directors in April 2016.

The Corporate Governance Checklist for LLDA was submitted to Governance Commission for GOCCs (GCG) on February 2016. This is part of the GCG requirements being submitted by the LLDA to the agency.

There were 21 out of 51 subprojects monitored under the LISCOP Project on March 18-31, 2016 in Laguna, Quezon and Rizal Provinces.

Implementation of the Approved Updated Laguna de Bay Masterplan

A presentation of the approved 2016 Laguna de Bay Region Masterplan was undertaken to give an overview and to align all projects with that of the stakeholders. This is part of the Board's requirement to conduct a roadshow presentation of the Laguna de Bay region to align the implementation of programs/projects in the coming years. The roadshow presentations were conducted in the following:

- Jan. 27, 2016 at the Regional Development Council- NEDA IVA in Calamba City, Laguna
- February 12, 2016 at the Sectoral Committee on Economic Development in Lipa City, Batangas
- March 2, 2016 at Provincial Development Council in Sta. Cruz, Laguna

C. Information and Education Campaign

Part of the IEC strategies is the Green Building Tour to showcase some of the green building features like natural sewage treatment, rainwater harvesting, pocket gardens and natural ventilation, among others. Spearheaded by the Office of the General Manager - Public Information Unit, for 1st quarter of 2016, the following activities were undertaken:

1. Green Building Tour for Bukidnon Barangay Officials
2. PCO trainees
3. LGU of Jala-jala
4. Office of the Solicitor General (OSG); and
5. ECOMOM Students from South Korea.

LLDA promotion, environmental consciousness and tri-media exposure are continuously undertaken by the Authority. Press releases/photo releases on Updated LLDA Masterplan, World Water Day and PCO Green Building Tour, among others.

Radio interviews with the Secretary were conducted on Pililla Windfarm Inauguration, Launching of Vintahanan Floating Homes and Laguna de Bay Health Report Card. Mr. Cesar R. Quintos, PPIMD Division Chief III, was likewise interviewed by Mr. Jonathan Mayuga of Business Mirror regarding the Laguna de Bay region masterplan.

Exhibit was done in the following events: Vintahanan Project Launching, SIPAG Exhibit at DOST-PCAARD at Los Baños and World Water Day Kick-off at Trinoma on March 15, 2016.

D. Water Quality Monitoring

Ambient Monitoring and Research

As of 1st quarter this year, 27 stations in Laguna de Bay and 115 stations for the Tributary Rivers were monitored for Ambient Water Quality; nine (9) stations for Lake

Primary Productivity (LPP); and 42 stations for the Pasig River Unified Monitoring System (PRUMS) in collaboration with DENR-EMB. Below are the findings on pH and Dissolved Oxygen for Laguna Lake and tributary rivers.

Parameters	Laguna Lake	Tributary River
pH	For the first quarter, all of the nine (9) lake stations consistently conformed with the DENR class C criteria set at 6.5 – 8.5 with pH concentrations ranged from 7.3 to 8.8.	Recorded pH in tributary river stations ranged from 6.7 to 8.6 which also consistently met the class C criteria.
Dissolved Oxygen (DO)	<p>All of the nine (9) lake stations conformed with the DENR class C criterion set at a minimum 5 mg/l.</p> <p>The lowest DO concentration measured at 6.8 mg/l was obtained in stn. VIII in January while the highest concentration of 9.1 mg/l was measured in stn. V also in January.</p>	<p>Out of the 36 river tributary stations monitored, only 11 stations namely: stns. 11, 15, 16, 17, 17U, 19, 19U, 22B, 22C, 24 and 24U consistently passed the class C criterion for DO.</p> <p>In sixteen (16) tributary stations, recorded monthly concentrations for DO always failed the class C criterion and these stations were stns. 1, 2, 3, 4, 4U, 5, 6, 7, 8, 9, 10, 12, 21, 25, 26 and 27.</p> <p>Those river stations with monthly concentrations that sometimes either complying or less than the class C criterion for DO were stns. 5U, 8M, 8U, 13, 14, 18, 22A and 23.</p> <p>For the first quarter, DO concentrations for tributary rivers ranged from 0.05 to 19.70 mg/l. High DO concentrations were observed in stns. 24 and 24U due to presence of algae.</p>

Stations in Laguna Lake as mentioned above.

Station I- West Bay

Station V- Central Bay near Pasig River

Station XVII – Sanctuary

Laboratory Support Services

The LLDA Microbiology Laboratory participated in the 2015 Proficiency Testing conducted by the Department of Health. The proficiency testing is designed to evaluate the laboratory performance against other participating laboratories throughout the country on the same set of environmental parameters. The Certificate of Proficiency with Certificate and Accreditation No. WMTLPT-154A1048, 4A-007 dated January 18, 2016 was given to LLDA for successful participation, passing and achieving EXCELLENT performance in proficiency testing scheme for water microbiological testing laboratory.

E. ISO Accreditation

An internal audit refresher course for QMS Core Team was conducted on March 21-22, 2016 at the LLDA Board Room. EnP Jovertlee Pudan and Engr. Zyus Oyong were the resource speakers. The objectives of the course are the following:

1. Calibrate individual internal quality skills with the end in view of applying the lessons learned during the previous cycle of internal quality audit;
2. Perform an improved execution of internal audit activities; and
3. Communicate effectively the results of the internal quality audit during the closing meeting and through the Corrective Action and Preventive Action (CAPA) Forms, among others.

Preparation for Terms of Reference for the engagement of consultancy services for Environmental Management System (EMS) based on ISO 14001:2015 standards is on-going.

MFO 2: Resource Development Services

A. River Rehabilitation Program

Lakes and River Clean-up

Four tons of garbage was collected during a river clean-up activity conducted on February 12, 2016 at Barangay Poblacion, Biñan, Laguna. On March 8, 2016, clean-up of Lake Palakpakin, San Pablo City through the concerted efforts of LLDA, City Government of San Pablo, Bantay Lawa and Seven Lakes Fisheries and Aquatic Resources Management Council (SLFARMC) together with concerned residents of Barangays San Lorenzo, San Buenaventura and Dolores was undertaken. There were 1.65 tons volume of waste collected; these were mostly waterlilies and rotten bamboos.

B. National Greening Program (NGP)

As part of the LLDA's commitment to the National Greening Program of the national government, tree planting activities were conducted on January 29 and February 26,

2016 in Biñan, and Mabitac, Laguna, respectively. Breakdown of activities are as follows:

Wildings Collection (Total Collection)	Seedling Propagation	Tree Planting Activity (Stakeholder/No. of seedling planted/area covered)
24,320	53,540	110 propagules and 50 mahogany seedlings covering a total of 1.214 has. (ROHM, BFAR, LGUs of Biñan and Mabitac)

C. Lake Fishery Management

Lake Seeding

A lake seeding activity with LGU of Muntinlupa was conducted on January 22, 2016 in Sucat, Muntinlupa. We have seeded a total of 18,000 pcs of assorted red and native tilapia fingerlings, which were all sourced from Muntinlupa Sanctuary.

Stock Assessment on major Fishes in Laguna de Bay

The summary of Survey on Fish Stocks for the months of January to February 2016 was generated from Phil. Statistics Authority (PSA) portal. Overall, tilapia remain as the dominant species with 46,533 kilos or 40.30%; knifefish with 15,611 kilos or 13.52%; Bighead Carp with 15,019 kilos or 13.01% and the remaining 33.17% are other species found in the Lake.

Containment of Knifefish in Laguna de Bay

In Victoria, a total of 378 kilograms of knifefish have been collected from February 5-22, 2016. While in Los Baños, a total of 601 kilograms were collected from February 10-March 10, 2016. Lastly, in Pangil, Laguna, there were a total of 648 kilos collected from February 19 to March 4, 2016.

Also, a Stakeholder's Conference re: Implementation of Guidelines on the Use of Electricity to Eradicate the Knifefish Eggs and Fry in Laguna de Bay with a theme "OPLAN PUKSA" (Operation Plan: Patayin, Ubusin ang Knifefish sa Lawa ng Laguna) was held on March 18, 2016 at the LLDA Green Building. There were 111 participants (82 males and 29 females) from the Technical Working Group on Knifefish (LLDA, TESDA, DILG, DSWD, LDBIFARMC, PCAARD-DOST, BFAR, BMB-DENR, UPLB-LRS, FARMCs, LGUs, Academe, Fishpen/Fishcage Operators).

D. Project Development

d.1 Development of LLDA Properties

On February 23, 2016, the status and options for the four LLDA properties was presented to the Management Committee by the Division Chief III-PDMED. Invitation to

lease/rent the Calauan, Laguna property was published on March 5, 2016 and only one (1) prospective bidder has signified its interest. For Looc, Cardona, Rizal Property, a proposed Wetland Training Center was submitted. PDMED conducted a coordination meeting with the Local Government of Cardona in connection with the requirements in the application of Tax Declaration of the said property. For Lumban, Laguna, a proposed Solar Farm Project was submitted. PDMED is still in the process of coordination with the local government of Lumban for acquisition of tax declaration.

MFO 3: Regulatory Services

A. Issuances of Clearances and Permits

For the 1st quarter of 2016, the Authority received a total of 654 Discharge Permit applications (117 new and 537 renewal) while 107 (26 new and 81 renewal) were issued/approved. Out of 107 approved permits, only 56% were issued within 30 days (17 new and 43 renewal) and 60 revalidation permits, thus, a total of 167 permits were issued.

The LLDA Clearance (LC) is being issued to industries with existing and/or new development projects and activities in the Laguna de Bay Region. As of March 2016, 159 LC applications were received and the Authority approved 66 or 42 % of applications received and 25% of 66 were approved within relevant time. For LC expansion (LE), exemption (LX) and amendment (LA), a total 218 applications were received (16 LX, 195 LE and 7 LA) and 112 (4 LX, 104 LE and 40 LA) were issued/approved and 60% or 66 permits within relevant time.

B. Enforcement, Legal and Adjudication

From January to March 2016, 45 new cases for industries have been docketed. Under the Alternative Dispute Resolution (ADR), out of 220 docketed cases, 121 technical conferences conducted and 24 or 20% certificates of compliance have been issued and have not been endorsed to Public Hearing Committee (PHC).

For old cases on industries, eight (4%) EPOs for LC/DP and water pollution has been issued, ten interlocutory orders, 41 resolutions, 53 decisions and one (1) Demand to Pay. As of this reporting period, 27% or Php 5.48M have been collected from fines and penalties by the Authority.

A total of 282 Notices of Violations (NOV) have been issued to industries for operating without permits and violation of effluent standards (water pollution) and 100% or 306 has been served including the 21 NOVs backlog in December 2015. Two (2) NOVs for Madison's Place/Multiland Homes Real Estate Corporation and Silver Lake Garden City Development Corporation were prepared for shoreland violation (illegal backfilling and illegal structures), but are not yet served while 3 NOVs were issued to illegal settlers in Seven Lakes of San Pablo City.

Three (3) Cease and Desist Orders (CDOs) were issued, however, only two (2) were enforced/served this 1st quarter. These are to the following establishments:

1. KFC-Tanauan, Batangas for Water Pollution with Case No. WP 14-02-070; and
2. Piggery Farm of Mr. Mauricio Pacurib-Paete, Laguna for Violation of RA 4850, as amended with Case No. SL 15-09-009-L.

With regard to Tropical Hut Food Market – Taytay, Rizal, CDO was not enforced due to the following reasons:

1. The required signage/billboard was not yet signed by the Secretary/General Manager during the serving of the order. Based on the Standard Operating Procedure of the Enforcement Division, posting of signage is one of the key activities in serving a legal order. Possible technical issue may occur if the CDO is served without posting the signage; and
2. A letter was received by LLDA dated March 22, 2016 stating that the company has already completed the construction of a sewage treatment plant.

Monitoring, Inspection and Surveillance

Compliance monitoring is being undertaken by Environmental Regulatory Division (ERD-SMD). For industries, 1001 industries monitored for potential discharger and with water sample collected and 38 firms surveyed.

Fishpens/Fishcages (FP/FC) are also being monitored regularly. As of March, 390 Fishpen and 2292 Fishcages units were monitored covering 10,404 hectares and 1,677.77 hectares, respectively. For illegal aquastructures, 11,103 fishcage units covering 162 hectares and 700 baklad structures have been identified.

For surface water permit, a technical appraisal of the water permit application of Manila Water Company, Inc. (MWCI) for the Tayabasan Water Supply Project was conducted on March 17-18, 2016 by PDMED and SMD.

C. Conduct of PCO Training and Accreditation

There are 296 participants or 35% of the target attendance of the three (3) Continuing Environmental Education Program (CEEP) conducted at Camelot Hotel in Quezon City with a gross receipt of Php 890,000.00. Four (4) CEES were conducted with an attendance of 440 PCOs or 52% of target attendance also held in Camelot Hotel with a gross receipt of Php 556,500.00 and one (1) in-house seminar for Mc Donalds-Centris, Quezon Ave., Quezon City.

General Administrative Support and Services (GASS)

The 2015 Physical Inventory Report of Serviceable and Unserviceable Equipment was approved on February 9, 2016, while the 2015-Second Semester Procurement

Monitoring Report (PMR) was approved and posted in the LLDA official website on January 20, 2016.

On February 2, 2016, the Internal Audit Division (IAD) submitted to Office of the General Manager an audit report on Knifefish Retrieval Project. IAD also prepared of audit plan for Compliance Audit of Personnel, Selection and Promotion and determination of audit objectives, scope, criteria and audit evidence. They have likewise conducted entry conference on February 16, 2016.

Gender and Development (GAD)

Hereunder are the activities undertaken by the LLDA during the celebration of Women's Month, with the 2016 theme- "Kapakanan ni Juana, Isama sa Agenda" per RA 6949 s. 1998, declaring March 8 of every year as National Women's Day and UN Proclamation No. 224, s. 1998, declaring March of each year as Women's Month:

a. Seminar on Gender and Development

In March 2016, a basic orientation on Gender and Development was conducted on Magna Carta for Women. Atty. Miles Gonzales-Esquivel, the resource person discussed the legal mandate, importance of gender mainstreaming in any working environs, women's roles and contributions in a gender-balanced leadership including policy and decision-making positions both in public and private sectors, other related laws and issues. The orientation seminar was attended by 32 participants (28-female and 4-male) from different divisions of LLDA.

b. Seminar on Chocolate and Candy Making

A seminar on chocolate and candy making was conducted in March 2016. The LLDA invited Ms. Judith Desiterio from Ultima Entrepinoy Forum Center to discuss the basic principles of chocolate and candy making, costing and steps for the preparation of various forms of chocolates and candies as well as designs and packaging. Hands-on training on chocolate mixing and molding as well as open forum was done in the afternoon. Said activity was attended by 37 participants (31-female and 6-male).

c. Attendance at the Quirino Grandstand Event

A general assembly of women and GAD advocates was held on March 16, 2016 at the Quirino Grandstand to celebrate the achievements, gains and accomplishments with regards to bringing the gender gap towards women's empowerment. The LLDA contingent was comprised of 22 participants (18-female and 4-male).

d. Conduct of Wellness Activities

A two-day wellness activity was held on March 17-18, 2016 at the LLDA BOD Conference Room. Said activity that includes free skin care and other beauty essentials

was provided by Derm Factor Essentials and availed by 43 employees (33-female and 10-male).

e. Oplan KLARO

A free eye check-up for interested LLDA employees, courtesy of the International Academy of Medical Specialist, was conducted on March 21, 2016 at the LLDA BOD Conference Room. A total of 92 employees (44-female and 48-male) availed the free consultation.

f. Blood-letting Activity

A bloodletting activity was conducted on March 31, 2016 at the LLDA Library Conference. A total of 20 bags of blood by qualified employees were donated to the Phil. National Red Cross.

g. Film Showing

Also part of the Women's Month celebration was a film showing of a socio-realist drama comedy film on March 31, 2016 at the LLDA Library Conference Room. The movie entitled "Extra", portrayed by Ms. Vilma Santos is a story of a single mother who raises money for daughter's tuition fee and their basic needs through employing herself in other extra jobs in order to survive as well as experiences of hardships and humiliation. There were 37 attendees (27-female and 10-males) who watched this enlightening movie.

Manpower Complement

As of this reporting period, a total of 245 employees (permanent and contractual) with a breakdown of 136 (56%) males and 109 (44%) females. Based on the approved Rationalization Plan, out of 219 plantilla positions, 185 or 84% have been filled-up and 34 positions or 16% are still vacant and shall be filled-up after the election ban is lifted.

Reference:

Accomplishment Reports of Divisions/Departments, 1st Quarter 2016

Prepared by:

**Corporate Planning and Performance Evaluation Group
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Reviewed and approved by:

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