



Republic of the Philippines
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
OFFICE OF THE SECRETARY
Manila

097.13 DPWH
07-04-2014

JUL 03 2014

DEPARTMENT ORDER) SUBJECT: CREATION OF DPWH INTEGRATED
No. **71**) WATER RESOURCES MANAGEMENT
Series of 2014) COORDINATION TEAM (IWRMCT)

07.04.14

A. Legal and Institutional Bases

1. Section 4 of Executive Order (EO) No. 124, dated 10 January 1987, issued by President Corazon C. Aquino, which created the Department of Public Works and Highways (DPWH), mandates the DPWH, as the State's engineering and construction arm, to carry out *the planning, design, construction and maintenance of infrastructure facilities, especially national highways, flood control and water resource development systems, and other public works in accordance with the national development objectives.*
2. Section 5(h) of EO No. 124 also provides that the DPWH shall *provide an integrated planning for highways, flood control and water resource development systems, and other public works.*
3. Executive Order 62, dated October 26, 2011, issued by President Benigno S. Aquino III, transferred back the authority to exercise administrative supervision of the Local Water Utilities Administration (LWUA) to the DPWH.
4. Section 22 of Republic Act 9275, otherwise known as the "Philippine Clean Water Act of 2004," provides that *"the following agencies shall perform the functions specified hereunder: ... (b) DPWH through its attached agencies, such as the MWSS, LWUA, and including other urban water utilities for the provision of sewerage and sanitation facilities and the efficient and safe collection, treatment and disposal of sewage within their area of jurisdiction."*
5. In addition, the President has designated the DPWH Secretary as the "Water Czar" who will coordinate the programs, projects and activities of water-related agencies of the Government to achieve efficiency in developing and operating water-related infrastructure.
6. The DPWH has been designated as Vice-Chair of the Sub-Committee on Water Resources under the NEDA INFRACOM and through the Office of Assistant Secretary for Planning and PPP, DPWH has also been designated as the Chair of the Philippine Development Forum Sub-Working Group on Water Supply and Sanitation.

B. Establishment of DPWH Integrated Water Resources Management Coordination Team (IWRMCT)

1. To assist the DPWH Secretary in effectively carrying out the abovementioned mandate, powers and functions, an Integrated Water Resources Management Coordination Team (IWRMCT) is hereby created in the DPWH with the following composition:

- a. Assistant Secretary for Planning and PPP ----- Head
- b. Project Director, Flood Control Management Cluster ----- Member
UPMO
- c. Director, Bureau of Design ----- Member
- d. Director, Bureau of Maintenance ----- Member
- e. Director, Planning Service ----- Member
- f. Director, Bureau of Research and Standards ----- Member
- g. Project Director, Buildings and Special Projects----- Member
Management Cluster, UPMO

2. The IWRMCT shall perform the following functions:

- a. To coordinate the formulation of integrated water resources management policies and development plans and programs covering flood control and drainage, water supply and sanitation, under the program of DPWH and with other water-related infrastructure projects, such as irrigation and hydropower, in accordance with the river basin management approach. This shall include coordination in the planning and programming for implementation of these infrastructure projects, to take advantage of their synergistic effects. This function shall be carried out by DPWH among its relevant offices inside the Department and in coordination with external agencies - such as the DENR, LWUA, NWRB, MWSS, DA, NIA, DOE, DILG and DOH - involved in water resources development and management.
- b. To initiate, coordinate, and provide technical guidance in the establishment and operation of an integrated database on water resources in DPWH for use in the planning, research, design, construction, operation and maintenance of water resource facilities, using applicable Information Technology (IT) and Geographic Information System (GIS). The database shall cover, among other things, (i) inventories of existing water supply, flood control, and other water resources infrastructure, their respective conditions and service coverage, (ii) inventories of needs for these structures, (iii) hydrologic data from stream gauging stations, and (iv) relevant water infrastructure costs and benefits data. The database system shall specify the procedures for collection of relevant

data, uploading of data, processing of data, production and downloading of processed data to users, and maintenance of data collection facilities.


- c. To initiate and work on the development of an integrated Asset Management System (AMS) in DPWH for water supply, flood control and other water resource facilities. This AMS shall consider and include the processes for sustained preservation, operation and maintenance of these facilities, provisions for adequate funding for this purpose, and identification of units responsible.
 - d. To coordinate the planning and implementation of water supply and flood control projects funded by DPWH and executed by its implementing offices including those projects operated and maintained by concerned agencies such as water districts, Local Government Units (LGUs), and community-based organizations.
 - e. To initiate and work on the development of a Monitoring and Evaluation System (MES) for water infrastructure projects using appropriate tools and performance indicators. This shall cover, firstly, the tracking of the physical and financial status of implementation of water infrastructure projects, including identification and resolution of implementation bottlenecks. Secondly, the MES shall cover the assessment of the results, benefits and impact of the projects on the target service population, areas, and economic sectors, such as tourism and agriculture, including the degree of sustainability of the operation and maintenance.
 - f. To work with development partners on programs related to water resources development and management, continue to explore and look for technical assistance programs from local and foreign institutions to assist the IWRMCT in the performance of the above functions.
 - g. To coordinate training and capacity building programs to enhance the capability of the DPWH in the above aspects of water resources development and management.
3. To provide technical and administrative support to the IWRMCT in the performance of its functions and attainment of goals and objectives, a Technical Working Group (TWG) to be headed by **Project Manager DOLORES M. HIPOLITO** of the Flood Control and Sabo Engineering Center (FCSEC), UPMO Flood Control Management Cluster (FMC) is hereby created composed of the following members:
- a. PM Alejandro A. Sosa ----- Member
UPMO Flood Control Management Cluster

- b. Engr. Leonardo L. Ligan ----- Member
Chief, Water Projects Division, Bureau of Design
 - c. Engr. Divinia F. Riding ----- Member
Chief, Policies and Standards Division, Bureau of Maintenance
 - d. Engr. Vincent B. Miranda Jr. ----- Member
Chief, Research and Development Division, BRS
 - e. Engr. Michael T. Alpasan ----- Member
FCSEC, Flood Control Management Cluster, UPMO
 - f. Engr. Gerry A. Fano ----- Member
FCSEC, Flood Control Management Cluster, UPMO
 - g. Engr. Alejandro F. Soliven ----- Member
Environmental and Social Safeguards Office
Planning Service
 - h. Engr. Sol T. Abasa ----- Member
Roads and Bridges Cluster, UPMO
 - i. Engr. Elmo F. Atillano ----- Member
Project Preparation Division, Planning Service
 - j. Engr. Lydia C. Aguilar ----- Member
Flood Control Management Cluster, UPMO
 - k. Engr. Emmanuel A. Adriano
Development Planning Division, Planning Service ----- Member
4. The Head of the TWG shall work full-time on this Undertaking and the members of the TWG shall perform the additional work on top of their regular duties in the Department but shall give full cooperation and highest priority of their time and effort to their tasks as TWG of the IWRMCT.
5. In undertaking its functions, the IWRMCT may call upon any official or staff or office of the DPWH or engage any related external specialists and advisers, such as hydrologists, hydro-geologists, hydraulics engineers, and water and sanitation specialists, economic and financial specialists, among others, for assistance and advice, including the provision, processing and analysis of relevant data and

information. The IWRMCT may also hire additional staff to augment/strengthen the TWG in the provision of technical and administrative support subject to existing rules and regulations.

6. The IWRMCT shall also consider other important components of IWRM such as water financing/investments and also public participation and institutional roles for consensus planning and consensus building in water resources development and management.
7. Finally, an adequate office space with a meeting room shall be provided in the UPMO FCM Office, DPWH NCR Compound, for the use of the IWRMCT and its TWG wherein the Head of the TWG shall have a permanent desk space in the said office. Equipment such as computers, laptops, telephone and internet connection, facsimile and copying machines including office supplies for its operation shall be made available by DPWH.
8. Funds for use of the IWRMCT in the performance of its duties and responsibilities shall be made available by the Finance and Management Service (FMS) from proper funds of DPWH including appropriate sources from EAO and MOOE funds subject to accounting and auditing rules and regulations.

This Order shall take effect immediately.


ROGELIO L. SINGSON
Secretary

Department of Public Works and Highways
Office of the Secretary



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