

APPENDIX 6

**Minutes of Joint Steering Committee and Technical Working Group
Meeting on Progress Report 2 on August 12, 2010**


**MINUTES OF JOINT STEERING COMMITTEE AND
TECHNICAL WORKING GROUP MEETING
ON
PROGRESS REPORT 2
FOR
THE STUDY
ON
INTEGRATED WATER RESOURCES MANAGEMENT
FOR POVERTY ALLEVIATION AND
ECONOMIC DEVELOPMENT
IN THE PAMPANGA RIVER BASIN
IN
THE REPUBLIC OF THE PHILIPPINES**

**AGREED UPON BETWEEN
NATIONAL WATER RESOURCES BOARD
AND
STUDY TEAM OF
JAPAN INTERNATIONAL COOPERATION AGENCY**

August 12, 2010 in Quezon City



MAKIHIKO OTOGAWA
Study Team Leader
Japan International Cooperation Agency



VICENTE S. PARAGAS, CESO III
Executive Director
National Water Resources Board
(Chairman of Steering Committee)

**The Study on Integrated Water Resources Management for Poverty Alleviation
and Economic Development in the Pampanga River Basin**
4th Joint Steering Committee and Technical Working Group Meeting
Sulo Hotel, Quezon City
August 12, 2010

Highlights:

1. The meeting was called to order at approximately 9:25 am. It was chaired by NWRB Executive Director Vicente S. Paragas and vice-chaired by Deputy Executive Director Nathaniel C. Santos. The meeting was held to present to the Steering Committee (SC) and Technical Working Group (TWG) members the contents of Progress Report No. 2 and the web page prepared for the Study. The list of attendees is shown in Annex.
2. In his opening remarks, Exec. Dir. Paragas expressed gratitude to the Japanese Government through JICA for funding the project for the localization of IWRM. IWRM is a long overdue approach that would address the many issues relative to water and watershed. This would not be easy for it takes the support of both the national and local governments so he expressed hope that with the Study, there will be a strong partnership among the local government, national government and other stakeholders. He appealed for the cooperation and support for the Study Team as the Study on IWRM for the Pampanga River Basin will be a model for IWRM in other river basins as well. He requested for more inputs in the discussion to strengthen the results of the Study and to look beyond the Study. He hopes that the undertaking will not only be a Study but for the Philippine Government to support the implementation of the projects that would be identified in the Study.
3. The contents of the Progress Report – 2, which was distributed weeks before the meeting were explained briefly by Mr. Makihiko Otagawa, Team Leader for the Study. He gave a short overview on the Study area, objectives of the Study and Study schedule. The Study Team is currently working on the inter-sector evaluation/prioritizing of the projects identified towards the formulation of the IWRM Plan and the Institutional Set-up Plan. The next report to be made is the Draft Final Report for submission towards the end of the year.

He explained that in the Progress Report – 2, the numerous issues existing in Pampanga River Basin relative to irrigation, municipal water supply, sewerage and sanitation, flood and sediment disaster management, watershed management and water-related environment management were further clarified and countermeasures were proposed. A total of 82 projects have been identified for the IWRM Plan of which 34 are on-going, 21 proposed by related-agencies and 27 conceptual projects proposed by the Study Team to complement the ideal IWRM Plan. Some of these projects were also considered for the studies on alternative plans for IWRM to address the water shortage from Angat Dam and flood damage along Pampanga River. Inter-sector evaluation is being undertaken on the projects as some have expanded to several different sectors using a scoring system based

on 25 environmental points or criteria. The results will be the basis for prioritizing the implementation of the projects in the short term (2011-2015), mid-term (2016-2020) and long term (2021-2025). He informed that the result of the evaluation will be presented during the next TWG meeting and upcoming stakeholders' consultation meeting to solicit comments.

Relative to the institutional set-up plan for IWRM, the most promising institutional structure is the recommendation of NEDA Region III for a River Basin Committee to be established under the Regional Development Council III. He would like to solicit comments on this.

4. Engr. Funa, the GIS Expert of the Study Team presented the website developed for the Study. He informed that it is already working and temporarily accessible at www.prb.iwrm.com which would later be integrated to the NWRB official website. He demonstrated the features of the website. Members will be provided later with user name and password to be able to log-in. The use of the website and information sharing will be coordinated with the SC and TWG members later while access of stakeholders to the website will still be discussed with NWRB. Information that will be uploaded in the website after the Study pertains to the IWRM Plan Framework and Lessons Learned.
5. Atty. Santos expressed appreciation for the comprehensive presentation of Mr. Otagawa. For the benefit of new members in attendance, he gave a short background on how the project was conceptualized. He noted that IWRM should not only be integrated and participatory but also scientific. The recent appointment of DOST as a member of the NWRB Board and its representation in the Steering Committee is to the advantage of the Study in this regard. He called the attention of the SC and TWG members regarding the list of projects presented by Mr. Otagawa for the review of the point system being used for evaluation. He encouraged the submission of comments in this aspect especially in the assignment of points to the projects since it is at the stage of identification and prioritization of projects where their participation is crucial.
6. The major issues, concerns, observations and recommendations raised during the meeting were as follows:
 - OIC-Exec. Dir. Pagdilao of PCAMMRD-DOST commended the Study Team for the very comprehensive report. He considered the IWRM Plan as a grandiose Plan that will need the participation of all departments and local governments in the localization of IWRM. He suggested that in the evaluation process for the implementation of the IWRM Plan to look at the different components as it inter-relates with the other systems to be able to determine the progress made.

In the formulation of the Institutional Set-up Plan, he raised his concern on the monitoring aspect. There is a need to identify specifically the commitments, plans and programs of the different units for NWRB to be able to coordinate and monitor the implementation of the Plan. Atty. Santos suggested to the consultants the inclusion of monitoring of the

implementation of the projects identified in the Plan in its recommendations for the institutional aspect.

- Ms. Oredina of DENR raised three concerns as follows:
 - a) vision vis-à-vis the actual problems on Pampanga River Basin, i.e., whether the vision is for a revitalized river or healthy river
 - b) whether there had been an in-depth analysis on cross-cutting policies or conflicting/overlapping policies
 - c) whether there were considerations made on how to address the various interest of the various sectors of the stakeholders

Atty. Santos explained that the different issues and concerns were identified in consultation with stakeholders. These were grouped by sector with prioritization of the problems that needs to be addressed in the immediate, medium and long-term.

- Atty. Fondevilla of DOJ also congratulated Mr. Otogawa for a very comprehensive presentation. He had read the report and found it to be sustainable, manageable, attainable, realistic and time-bound (SMART).
- Ms. Victorino of DOF raised the following:
 - She commended the Study Team for coming up with a very comprehensive, very meaningful and scientifically-approached Study. With the involvement of the Department in the evaluation of major capital projects in agriculture and other infrastructure projects in the NEDA Investment Coordinating Committee, she found in the Study more bases on approving or guaranteeing projects related to agriculture and water.
 - The Study is also very helpful in prioritizing projects as not all projects can be implemented and found the integrated approach contributing to maximization of resources. Given the recommendations of the Study on the priority projects, it is necessary to bear in mind the issues such as delay in project implementation and changes in project design which results to cost overrun.
 - Being with the Corporate Affairs Group involved in the affairs of the Government-Owned and Controlled Corporations like MWSS, LWUA and NIA that implement the main projects for water, the Study is helpful in having empirical basis for policy decisions.
 - There was a concern on the monitoring of the sanitation projects being proposed by the two concessionaires for Metro Manila as these may contribute to the pollution of Manila Bay and whether it would complement with the other projects under the IWRM. Atty. Santos explained that the sanitation problem of Metro Manila will have to be tackled in another IWRM Plan for Metro Manila because Metro

Manila belongs to another river basin. It was included in the Study because the water supply that is used in Metro Manila comes from Bulacan.

- She raised the idea of converting Candaba Swamp into a place of interest for tourist like Mt. Pinatubo.
- She raised concern on the financing aspect of the proposed projects and proposed the ownership by the local government of the projects that would emanate from the Study so funds would not necessarily be dependent on the national government for sustainability. Atty. Santos suggested deferring discussion on the matter since some of the proposed projects may be offered for private investments. The priority for now is the identification and prioritization of the projects and the institutional arrangements.
- Dir. Mercado of NEDA Region-III was impressed with the progress of the Study based on the presentation and is enthusiastic to propose the mass marketing of the project outputs and make available the inputs to the Study so it can be optimized by LGUs which are now preparing its Development Plans. The Study has a wealth of information that can be utilized by the LGUs. Hence, he suggested that the Study Team post in the website information that the LGUs would need in their planning such as those relating to disaster risk measures and climate change to make their Plans more responsive in preventing future disasters. The help that the Study Team can extend to the LGUs will be a very good move towards acceptability of the Study by the LGUs. If the LGUs could already input some of the initial findings of the Study as well as some of the inputs that went into the Study in its Development Plans, adoption of the project recommendations will be easier.

Atty. Santos supported the suggestion and requested the help of the LGUs in doing advance marketing on the proposed projects at this early stage if it is amenable to the projects since it is important that project endorsement is solicited from local chief executives and principals of the respective agencies. Approval of the Steering Committee members will also be eventually sought on the prioritization of the projects identified.

- Engr. Balmeo of NE-PPDO raised concern on the manner of prioritization of projects since as per experience prioritization of projects is not always based on needs or in accordance with the thrust of the province. Atty. Santos responded that the concern can be discussed during the TWG meeting but for now the criteria for prioritization will be adopted.
- Mr. Serrano of DILG would like to know some information on the two on-going projects for municipal water supply, sanitation and sewerage mentioned in the presentation relative to the location, processes involved during the implementation and management model implemented. He would also like to know how the succeeding municipal water supply

projects would be implemented. Mr. Otagawa explained that the proposals of the Study Team for municipal water supply are for the establishment of bulk water supply system using surface water and the expansion of Level III systems by each water districts in the province. The bulk water supply system will be discussed with MWSS.

- Ms. Pajarillaga of DENR Region III raised concern on the integration aspect in the light of other projects. Atty. Santos suggested for the Study Team to include it in the report.
7. The SC/TWG members are given until September 13, 2010 for the submission of any other comments before the Study Team finalizes the Report.
 8. The next TWG meeting and Stakeholder Consultation meeting will be in September 2010.
 9. Mr. Otagawa made an announcement on the seminar that will be conducted by JICA in December 2010 to extend the knowledge of the IWRM. It will be an exchange of knowledge between Filipinos and Japanese so he extended an invitation for voluntary speakers to attend the seminar and discuss on any topic related to IWRM.
 10. With no other matters to discuss, the meeting was adjourned by Atty. Santos at about 11:30 am. ✓

Annex

**The Study on Integrated Water Resources Management for Poverty Alleviation
and Economic Development in the Pampanga River Basin
4th Joint Steering Committee and Technical Working Group Meeting**

*Sulo Hotel, Quezon City
August 12, 2010*

Attendance Sheet

NAME	POSITION	OFFICE
1. Vicente S. Paragas	Executive Director	NWRB
2. Nathaniel C. Santos	Deputy Executive Director	NWRB
3. Cesario R. Pagdilao	OIC - Executive Director	PCAMRD-DOST
4. Eduardo V. Manalili	Sr. SRS	PCAMRD-DOST
5. Ruben F. Fondevilla	ACSC	DOJ
6. Remigio Mercado	Regional Director	NEDA-Reg. III
7. Agustin C. Mendoza	OIC-Chief / Supervising Economic Development Specialist	NEDA-Reg. III
8. John T. Zapata	Economic Development Specialist II	NEDA-Reg. III
9. Resito David	Project Director	PMO-FCSEC, DPWH
10. Jesse C. Felizardo	Engineer IV	PMO-FCSEC, DPWH
11. Rosendo D. Panganiban	Senior Engineer A	NIA-Reg.III
12. Arthur Dela Cruz	Principal Engineer	NIA C. O.
13. Carlito Gapsin	Division Manager	NIA-UPRIIS
14. Gregel B. Redublado	Department Manager, Dam and Reservoir Operation	NPC, DRFFD
15. Virgilio M. Garcia	Principal Hydrologist A	NPC, DRWD
16. Lorna Balmeo	Project Evaluation Officer IV	PPDO - N.E.
17. Albin P. Carreon	Engineer V	DPWH-Region III
18. Wilfredo S. Manabat	PDO III	PPDO - Pampanga
19. Marlynn M. Mendoza	Chief EMS	PAWB
20. Lovercain de Jesus	SWUMO	Tarlac City WD
21. Dax Llorente	TA	SCADC
22. Arthur Punsalan	OIC, ENRO	Provincial Govt. of Pampanga
23. Felixberto P. Lansigan	SFMS	FMB
24. Cesar P. Odi	Forester I	RBCO, DENR
25. Hilton Hernando	Senior Weather Specialist	PRFFWC, PAGASA
26. Ezequiel A. Serrano	Project Officer	DILG
27. Natalie Victorino	FAV	DOF
28. Araceli Oredina	DMO IV	DENR C.O.
29. Erlinda Pajarillaga	SFMS	DENR Region III
30. Richard Evangelista	Planning Officer II	PPDO-Tarlac
31. Gonzalo D.V. Coloma	Aqua 2	BFAR-Region III
32. Jose Dimatulac	PM - V	MWSS
33. Evangeline Dacanay	PMO - A	MWSS
34. Mario B. Collado	Engineer IV	BSWM

NAME	POSITION	OFFICE
35. Makihiko Otagawa	Team Leader/TWRM	JICA Study Team
36. Yukihiko Mizutani	Organization Institution Expert	JICA Study Team
37. Takeshi Ikematsu	Hydrology/River Management Expert	JICA Study Team
38. Emadelyn M. Quiñones	Water Environment/Watershed Management Expert	JICA Study Team
39. Francis Joseph M. Funa	GIS Engineer	JICA Study Team
40. Eleazar Rupido	Secretary	JICA Study Team
41. Gladys Ida S. Albuero	Encoder	JICA Study Team
42. Isidra D. Peñaranda	OIC, Policy and Program Division	NWRB
43. Susan P. Abaño	Engineer IV	NWRB
44. Felisa M. Manlulu	Information Officer IV	NWRB
45. Francis B. Hilarie	Economist III	NWRB
46. Florimel R. Balbedina	Economist III	NWRB
47. Josephine R. Billones	Engineer II	NWRB
48. Josephine Abellana	Administrative Assistant I	NWRB

APPENDIX 7

**Minutes of Joint Steering Committee and Technical Working Group
Meeting on October 27, 2010**

**MINUTES OF JOINT STEERING COMMITTEE AND
TECHNICAL WORKING GROUP MEETING
ON
THE REVISED PRIORITIZATION ORDER OF THE
PROJECTS, DEVELOPMENT SCENARIOS AND THE
REVISED INSTITUTIONAL SETUP PLAN FOR IWRM
OF THE PAMPANGA RIVER BASIN
FOR
THE STUDY
ON
INTEGRATED WATER RESOURCES MANAGEMENT
FOR POVERTY ALLEVIATION AND
ECONOMIC DEVELOPMENT
IN THE PAMPANGA RIVER BASIN
IN
THE REPUBLIC OF THE PHILIPPINES**

**AGREED UPON BETWEEN
NATIONAL WATER RESOURCES BOARD
AND
STUDY TEAM OF
JAPAN INTERNATIONAL COOPERATION AGENCY**

October 27, 2010 in Quezon City



MAKIHIKO OTOGAWA
Study Team Leader
Japan International Cooperation
Agency



VICENTE S. PARAGAS, CESO III
Executive Director
National Water Resources Board
(Chairman of Steering Committee)

**The Study on Integrated Water Resources Management for Poverty Alleviation
and Economic Development in the Pampanga River Basin**
5th Joint Steering Committee and Technical Working Group Meeting
Gateway Suites, Araneta Center, Quezon City
October 27, 2010

Highlights:

1. The meeting was called to order at approximately 9:10 am presided by NWRB Executive Director Vicente S. Paragas. The meeting was held to present to the Steering Committee (SC) and Technical Working Group (TWG) members the revised prioritization order of the projects and development scenarios as well as the revised institutional setup plan for IWRM of the Pampanga River Basin. The list of attendees is shown in Annex.
2. The Chair explained that the two Study outputs to be presented have already been reviewed by the TWG members and presented to the stakeholders and approved accordingly. The said outputs will be presented for final approval of the members of the SC-TWG members. Inputs or recommendations for the improvement of the outputs are welcome and he expressed hope that with the Study, IWRM will be in placed for a river basin management implementation of water-related activities.
3. JICA Study Team Leader Makihiko Otagawa, presented the final results on the principal outputs of the IWRM Plan on the following: 1) list of projects to be implemented for IWRM; 2) priority order of projects to be implemented; 3) implementation program of the projects; and 4) development scenario of IWRM which were revised incorporating the comments from the TWG members and stakeholders. The output on the investment program for implementation of the projects will be discussed during the presentation of the Draft Final Report.

The previously proposed 82 projects as components of the IWRM has increased to 84 projects with the addition of 2 conceptual projects as a result of the comments and suggestions from the members of the SC-TWG and stakeholders. Of these projects, 36 are on-going, 18 are proposed and 30 are conceptual projects. Forty-three projects (43) fall under Group A and the 41 under Group B. He informed that the project evaluation made by the TWG members on the proposed and conceptual projects previously evaluated by the Study Team was considered as the final result of the evaluation.

The revised project evaluation for the proposed and conceptual projects under Group B including the priority order and investment schedule as well as the revised development scenarios for both Groups A and B were likewise presented.

4. The presentation of Mr. Otagawa was reviewed and the amendments/corrections identified were as follows:

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- On page 5, on the slide on the “Number of Projects Classified into Group A & B”, there will be a footnote that will state that the grouping of the projects into Group A & B is not fixed but the projects can be transferred from one grouping to the other depending on the future situation and necessity for the project
- On page 7, on the slide on the “Projects in Group A (3/4) for Watershed Management, project # 33 with code WS-G-06: Private Forest Plantation Development Program (PFPDP), the implementing agency is DENR-FRCD (Forest Resources Conservation Division) and not DENR-FRDD
- On page 8, on the slide on “Projects in Group A (4/4) for Water-related Environmental Management”, project # 43 with code IC-C-02: Project for Recovery of Reliability of Water Supply in Angat-Umiray System will be transferred under the Water Resources Development, Water Allocation and Distribution group (5/4). The sector will be added to group A.
- On page 9, on the slide on Development Scenario by Group A Projects (1/6) for Municipal Water Supply, Sanitation and Sewerage, the following projects were corrected:
 - # 2: Development of Bulk Water Supply System for Bulacan Province
 - By 2015: Develop bulk water supply system of 2.7m³/sec (MWSS/LGU) in view of the 1.9 m³/sec water right granted by NWRB out of the 2.7m³/sec discharge of water supply capacity to the province of Bulacan.
 - By 2025: Develop bulk water supply system of 6.5m³/sec should be read as Develop bulk water supply system of additional 3.8m³/sec (Provincial Government of Bulacan). MWSS was deleted as one of the implementing agencies since the supply of the additional discharge of water supply capacity by 2025 cannot be committed with no assured source. On the other hand, the province of Bulacan had already identified 4 possible surface water sources for the implementation of the MW-C-05: Extended Bulacan Water Supply Project in its revised Provincial Long-Term Development Plan.
 - #3: Development of Bulk Water Supply System for Tarlac and Pampanga Province
 - By 2025: Develop bulk water supply system of 1.3m³/sec for Metro Clark should be read as Develop bulk water supply system of 0.8m³/sec for Metro Clark (with a footnote on the project with Code MW-P-04: Metro Clark Bulk Surface Water Project that Tarlac province will be a beneficiary of the project)

- By 2025: Develop bulk water supply system of 0.8 m³/sec for Pampanga Province should be read as Develop bulk water supply system of 1.3m³/sec for Pampanga Province.
 - Still on page 9, on the slide on Development Scenario by Group Projects (2/6) for Municipal Water Supply, Sanitation and Sewerage, the development scenario has to be renumbered and target date for provision of 100% sanitary toilet for households will be changed from 2025 to 2020 as follows:
 - 4. Expansion of Levels 3,2,1 Municipal Water Supply System
 - 5. Construction/Provision of Sanitary Toilet
 - The target is set at 2025 as proposed in the Study. However, it shall be noted in the Study Report that DENR and the Supreme Court mutually understand to clean up Manila Bay for its water quality to be Class SB category by 2020.
 - On page 19, on the slide on Development Scenario by Group B Projects (2/7) for Management of Flood and Sediment Disasters, under # 3: Mid-term Development of Irrigation Systems, by 2025 the number completed irrigation development projects was corrected from 7 to 6 projects.
5. Mr. Mizutani, the organizational/institutional expert discussed the process undertaken and the outputs for the institutional set-up as well as the design of the River Basin Committee (RBC). He emphasized that the design of the RBC with respect to its role and functions; composition and responsibilities of members and Secretariat; role of TWG and implementing organizations; allocation of operation cost and legal basis for its establishment and operation were determined by the members of the FGD and SC-TWG and supported by the Study Team. In this regard, he expressed gratefulness for their consistent support for the Study and the great contribution, without which the unique institutional arrangement for the Pampanga River Basin will not be conceived.
6. The amendments/corrections identified during the review of Mr. Mizutani's presentation of were as follows:
- On page 4 on the slide on Actions to Improve Water Code and IRR, the word "improve" should be changed to "amend".
 - Still on page 4 on the slide on Actions to Strengthen LAs and LGU: Issues 1-9, "LAs" should be changed to "NGAs/RLAs" to mean National Government Agencies and Regional Line Agencies. Accordingly, similar citations in the presentation and the Draft Final Report should be modified.
 - On page 7 on the slide on Functions of New RBC, the following were noted:
 - The word "New" should be changed to "Proposed."

- The function on "To arbitrate (resolve issues/conflict) and monitor water rights should be read as "To arbitrate (resolve issues/conflict) and monitor water rights subject to the guidelines or agreement between NWRB and RBC".
 - Still on page 7, slide on Role of LAs and LGUs for TWG Operation, the Chairperson for the TWG on Water Supply, Sanitation and Sewerage should be DILG and DOH instead of DILG and LWUA. Nevertheless, LWUA is under DOH.
 - On page 8, slide on Members of the RBC and Secretariat, the composition of the RBC should be changed from the provincial governors of 11 provinces to the provincial governors of 7 provinces (Pampanga, Tarlac, Bulacan, Nueva Ecija, Quezon, Aurora and Nueva Vizcaya).
 - On page 10, slide on Legal Basis to Establish & Operate RBC, the following were noted:
 - E.O. to be drafted should include a provision that will direct NGAs to initially allocate contributions to the operation of the RBC from their respective offices and eventual allocation of specific funds from the national government for its operation.
 - The long-term option of legislative action to institutionalize creation of RBOs/RBCs in the country should be included.
7. The presentations were approved with the amendments/corrections cited therein.
8. Issues/concerns raised were the following:
- Mr. Alcanar of Bulacan PPDO inquired if the Group A Projects for Agriculture, Irrigation & Fishery Development is limited only to the repair and rehabilitation of existing facilities and does not include development of other sources of water such as SWIM projects. Mr. Otagawa clarified that Group A projects is only on the rehabilitation and maintenance of the facility that must be implemented annually and regularly. The development of SWIM projects belongs to the Group B projects.
 - Mr. de Jesus of Tarlac City WD raised the following:
 - He observed that while LWUA is one agency in charged particularly of municipal water supply and water supply related projects, yet no LWUA representative/s have been present during the meetings in the Study period. Mr. Otagawa responded that although LWUA may not be represented during meetings, LWUA is involved in the Study by way of personal discussions of the JICA Study Team with its staff.
 - He inquired on whether it is for the Study Team to determine the functions of the RBC or the RBC to determine its own functions in the

future. Mr. Mizutani responded that the proposed functions were initiated by NEDA-Region III and agreed upon during the FGD and TWG meetings and supported by the Study Team. The Chair added that the proposal is only a guide that can be modified.

- Engr. Diaz of RBCO, DENR raised the following:
 - Considering that the Pampanga River Basin drains towards Manila Bay, he noted the reasonableness of targeting the provision of sanitary toilet for the whole households covered by the Study area by 2020 and not 2025 in order to be consistent with the on-going understanding between DENR and the Supreme Court to clean up Manila Bay for its water quality to be Class SB category by 2020. It is for this reason that the DENR is currently working with MWSS to target its 100% sanitation coverage for households from 2037 to 2020, if possible. However, the Water Environment/Watershed Management Expert Emadelyn Quiñones explained that targeting 100% coverage for sanitary toilet by 2025 is still within the mandamus that all sewerage and septage pollution load from domestic wastes should be reduced by 50% by 2015. There are also other sources of pollution like livestock that needs to be addressed as domestic pollution load constitutes only about 50% of the pollution load entering Manila Bay. Furthermore, implementation of the Operational Plan for the Manila Bay Coastal Strategy is delayed as solid waste management program should have been completed by 2007. Mr. Kitamura added that the provision of sanitary toilets is not mainly for reducing the pollution load but to secure the safe drinking water through prevention of contamination of the groundwater. The Philippine Water Supply Sector Roadmap targets the provision of 100% safe water by 2025.
 - He inquired as to who will take the initiative in the implementation of the conceptual projects under Group B projects. Mr. Otagawa responded that the Study Team proposes that the RBC which would be organized will take the initiative in this regard. The Chair noted of the necessity for the Study to recommend for the immediate creation of the RBC.
 - Relative to strengthening the financial capacity issue, he inquired whether the Study Team has considered the provision in the Clean Water Act (CWA) for the establishment of Water Quality Management Areas (WQMA) for specific sub-basins or watersheds experiencing water quality degradation that can generate funds for water quality monitoring. Ms. Quiñones responded that the establishment of WQMA including collection of water quality fund is included in her recommendation for capacity building to improve water quality management by the regional offices of DENR-EMB under water-related environment. She informed that she has identified the water quality hot spots within the Pampanga River Basin and her recommendation is for these sub-watersheds or sub-catchments to form

a WQMA and also delineate non-attainment areas according to the CWA.

- He inquired on how the arbitration and monitoring of water rights function of NWRB be harmonized with the same function of the proposed RBC. Engr. Peñaranda of NWRB explained that issues/conflicts will be resolved first at the RBC level and only unresolved issues will be elevated to NWRB. In this regard, the Chair noted that arbitration shall be subject to the guidelines or agreement that will be developed between RBC and NWRB on the kind of issues that can be tackled by the RBC.
- Mr. Redublado of NPC raised the following:
 - He inquired if the Group A projects for Management of Flood and Sediment Disasters excludes the sediments that are impounded in the reservoirs and dam for power generation of NPC as its dredging operations will be conducted by its new buyers as per contract. Mr. Otagawa clarified that it is excluded since the sediment disaster is only confined to the Mt. Pinatubo eruption.
 - He observed that in the development scenarios for Group A projects most of the projects are for 2025 when projects under this category, calls for necessity. Mr. Otagawa responded that while seemingly most of the projects in the development scenario for Group A projects will be implemented by 2025, some scenarios contain several projects whose implementation are in the short-term period.
 - He noted that the on-going project on Capacity Building on the Appropriate Dam Reservoir Operation against Flood under the Development Scenario by Group B Projects for Management of Flood and Sediment Disasters will end by 2012 and not 2015. Mr. Otagawa clarified that development scenario is divided only into 3 terms with an interval of 5 years so 2012 was considered for 2015.
 - He inquired on why the efforts of JICA cannot be acknowledged as a counterpart in the implementation of some projects where it is the prime mover, such as the Flood Forecasting and Warning System Capacity Building project of PAGASA. Mr. Otagawa explained that it is a matter of ownership as the Philippine Government is the main player for the projects while JICA is only providing technical or financial assistance.
- The Chair commented on the presentation of Mr. Mizutani that strengthening the financial capacity of NWRB does not necessarily mean increasing its budget, so he suggested to change the word "strengthen". Mr. Mizutani explained that it does not refer to the increase in budget but rather strengthening the institutional capacity of NWRB to generate income. Nevertheless, the increase in NWRB's allocation of budget from DBM is also included in the report.

9. Mr. Otagawa informed that the Study Team will leave for Japan on Nov. 5, 2010 to come back on November 30, 2010 for the submission of the Draft Final Report. Another Joint SC-TWG meeting will be conducted on Dec. 1, 2010 for the presentation and discussion of the Draft Final Report. The members will be given one month to review and comment on the report. Comments will be incorporated in the Final Report to be submitted in February 2011. Moreover, a Technical Transfer Seminar will be conducted on Dec. 3, 2010 and invitations will be sent to the members of the SC and TWG to participate in the seminar.
10. With no other matters to discuss, the meeting was adjourned by Exec. Dir. Paragas at about 1:00 pm.

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**The Study on Integrated Water Resources Management for Poverty Alleviation
and Economic Development in the Pampanga River Basin**

5th Joint Steering Committee and Technical Working Group Meeting

Gateway Suites, Araneta Center, Quezon City

October 27, 2010

Attendance Sheet

NAME	POSITION	OFFICE
1. Vicente S. Paragas	Executive Director	NWRB
2. Mariano R. Alquiza	Director	PMO-FCSEC, DPWH
3. Jesse C. Felizardo	Engineer IV	PMO-FCSEC, DPWH
4. Armando Taruc	OIC, PRFDC	PRFFWC, PAGASA
5. Gregel B. Redublado	Department Manager, Dam and Reservoir Operation	NPC Port Area
6. Noel Gaerlan	Deputy Director	RBCO, DENR
7. Eugenio Diaz, Jr.	CE II	RBCO, DENR
8. John T. Zapata	Economic Development Specialist II	NEDA-Region III
9. Ma. Theresa Lalu	SFMS	DENR Region III
10. Dolores M. Gicena	Engineer II	BSWM
11. Richard Evangelista	Planning Officer II	PPDO-Tarlac
12. Reynaldo T. Tabelina	PO I	PPDO-Tarlac
13. Arthur Dela Cruz	Principal Engineer	NIA-CO
14. Juliana Manalili	Chief, TMSD	NCIP Region III
15. Lovercain de Jesus	SWUMO	Tarlac City WD
16. Edralin C. Domingo	Supervising Instrument Technician	Tarlac City WD
17. Felixberto P. Lansigan	SFMS	FMB
18. Rosalinda B. Bote	Acting Division Manager	NIA-UPRIIS
19. Julita V. Santiago	Supvg. Engr. A	NIA-UPRIIS
20. Evangeline Dacanay	PMO - A	MWSS
21. Elmer Alacantar	Project Development Officer II	PPDO Bulacan
22. Atty. Rustico De Belen	BENRO	Provincial Government
23. Naoto Kuwae	Assistant Resident Representative	JICA
24. Makihiko Otogawa	Team Leader/IWRM	JICA Study Team
25. Tadanori Kitamura	Deputy Team Leader/ Water Res. Devt. & Mgt. Planning	JICA Study Team
26. Yukihiro Mizutani	Organization Institution Expert	JICA Study Team
27. Takeshi Ikematsu	Hydrology/River Management Expert	JICA Study Team
28. Yayoi Yoshioka	Environmental and Social Considerations Expert	JICA Study Team
29. Yoshioki Ishizuka	Economic/Financial Expert	JICA Study Team
30. Emadelyn M. Quiñones	Water Environment/Watershed Management Expert	JICA Study Team
31. Francis Joseph M. Funa	GIS Engineer	JICA Study Team
32. Eleazar Rupido	Secretary	JICA Study Team
33. Gladys Ida S. Alburo	Encoder	JICA Study Team

NAME	POSITION	OFFICE
34. Isidra D. Peñaranda	OIC, Policy and Program Division	NWRB
35. Susan P. Abaño	Engineer IV	NWRB
36. Emmie L. Ruales	Engineer IV	NWRB
37. Felisa M. Manlulu	Information Officer IV	NWRB
38. Francis B. Hilarie	Economist III	NWRB
39. Florimel R. Balbedina	Economist III	NWRB
40. Josephine R. Billones	Engineer II	NWRB
41. Josephine Abellana	Administrative Assistant I	NWRB

APPENDIX 8

**Minutes of Joint Steering Committee and Technical Working Group
Meeting on December 1, 2010**


**MINUTES OF JOINT STEERING COMMITTEE AND
TECHNICAL WORKING GROUP MEETING
ON
DRAFT FINAL REPORT
FOR
THE STUDY
ON
INTEGRATED WATER RESOURCES MANAGEMENT
FOR POVERTY ALLEVIATION AND
ECONOMIC DEVELOPMENT
IN THE PAMPANGA RIVER BASIN
IN
THE REPUBLIC OF THE PHILIPPINES**

**AGREED UPON BETWEEN
NATIONAL WATER RESOURCES BOARD
AND
STUDY TEAM OF
JAPAN INTERNATIONAL COOPERATION AGENCY**

December 1st, 2010 at Quezon City



MAKIHICO OTOGAWA
Study Team Leader
Japan International Cooperation Agency



VICENTE S. PARAGAS, CESO III
Executive Director
National Water Resources Board
(Chairman of Steering Committee)

In accordance with the Implementation Arrangement for "the Study on Integrated Water Resources Management for Poverty Alleviation and Economic Development in the Pampanga River Basin" (hereinafter referred to as "the Study") agreed upon between National Water Resources Board (hereinafter referred to as "NWRB") and Japan International Cooperation Agency (hereinafter referred to as "JICA") on November 24, 2008, the Study Team officially submitted thirty (30) hard copies (4 volumes) and ten (10) soft copies of Draft Final Report to NWRB on November 30, 2010.

In order to discuss the contents of the above Draft Final Report, the joint meeting of the Steering Committee (hereinafter referred to as "SC") and Technical Working Group (hereinafter referred to as "TWG") was held on December 01, 2010, 9:30 a.m. – 12:30 p.m. at Imperial Palace Suites, Quezon City. The meeting was chaired by Engr. Isidra Peñaranda, OIC, Policy and Program Division, NWRB. The list of the participants to the meeting is shown in Annex.

Engr. Isidra Peñaranda explained, in her opening remarks, the progress of the Study and invited the members of SC and TWG to attend the Technical Transfer Seminar on December 03, 2010. Mr. Kenji Nagata, Senior Advisor of Water Resources, JICA, gave a short message expressing his gratitude to all SC and TWG members for their significant contributions to the Study. He also stated that it was good opportunity for stakeholders to come together during the course of the Study and it was the first and fundamental step for the IWRM in Pampanga river basin, although the realization of the IWRM concept would not be easy.

The contents of the Draft Final Report were explained by Mr. Makihiko Otogawa, Team Leader for the Study, and they were accepted by the members of the SC and the TWG with some comments and suggestions, the major parts of which are as described below:

- (1) Ms. Araceli Oredina, Development Management Officer IV of DENR, asked a clarification about the difference between the proposed and conceptual projects described in the Draft Final Report. She also raised a question if the on-going projects and other projects (proposed and conceptual projects) could be well-harmonized so that duplication is avoided.

In response to the above questions, Mr. Otogawa explained the following:

- The proposed projects are those, which have been already materialized by the government and/or non-government agencies, while the conceptual projects are newly proposed as the essential part for IWRM for Pampanga river basin, by the JICA Study in collaboration with the stakeholders.
 - There might be certain duplications among the ongoing, proposed and conceptual projects. It is necessary to conduct further detail study for the conceptual project so as to avoid such duplications.
- (2) Dir. Vicente Tuddao, Jr., Executive Director of the River Basin Control Office (RBCO) commended the JICA Study Team for coming up with a very comprehensive report and likewise the NWRB for taking the lead in the undertaking. He inquired about the present status of the IWRM in Pampanga river basin. Mr. Otogawa replied that it is still at the very beginning stage, and it is recommended to establish the proposed River Basin Committee (RBC) soon after the completion of the Study so as to attain the smooth implementation of the proposed IWRM plan. Dir. Tuddao also raised a question on whether or not the Study includes a management plan, which clarifies the detailed processes and methods for management of the projects proposed as the components of IWRM Plan. Mr. Otogawa replied that it is not included according to the Terms of Reference (TOR) of the Study.

Dir. Tuddao further inquired about the chairmanship of the governors and the membership of the proposed RBC. He recommended the following should be included in the RBC members; i) DA, ii) LWUA/WD and iii) Governors of seven provinces. Mr. Yukihiro Mizutani, the member of JICA Study Team replied the following:

- i) Instead of LWUA, DILG was proposed as the member of the RBC.
- ii) All of the governors of seven provinces are members of the RBC with one of them serving as chairperson of the RBC on a rotational basis.
- iii) DA would be included as the member in accordance with the suggestion. The Draft Final Report would be revised accordingly.

Engr. Peñaranda added that LWUA is under the DOH and DOH is already included as a member while the Central Luzon Association of Water Districts (CLAWD) can be included as a member in the TWG.

Dir. Tuddao also recommended to consider only the lead and federated organization for the "People's Organizations (POs)" and the corporate group that will represent the business sector in the basin instead of "private sector", as the members of RBC because there are too many POs and private groups in the basin making it virtually difficult for all of them to be members of the RBC. Mr. Agustin Mendoza of NEDA Region III commented that the composition of the existing RDC can be a good model for this. He also commented that RBCO shall be included as a member at the TWG level and at the RBC proper.

The JICA Study Team as well as the members of SC and TWG agreed to the above suggestions of Dir. Tuddao and Mr. Mendoza.

Dir. Tuddao inquired from Engr. Peñaranda on the plan of NWRB relative to the expenses that will be incurred by NEDA Region III as Secretariat in the mobilization of the RBC for NWRB should take the lead in providing the logistic support. Engr. Peñaranda responded that considering the limited budget of NWRB, it was discussed that initially NEDA Region III will support the meetings but later on it will be a sharing with the concerned agencies. An Executive Order (EO) to secure the necessary budget for the activity on RBC would be indispensable in this regard. Perhaps RBCO can complement the needed financial support while the NWRB provides the human resources.

- (3) Ms. Evangeline Dacanay of MWSS, inquired on how the proposed RBC in the Study can be harmonized with the RBO, which is responsible for IWRM, described in the on-going amendment of the Water Code. Engr. Peñaranda replied that there will be no conflict since the proposed RBC in the Study is an interim measure and the proposed amendment in the Water Code is for the long-term institutionalization of the creation of RBOs in different river basins in the country. Mr. Mizutani, the member of JICA Study Team, stated that there is no inconsistency since there is no specific definition of the RBO in the Water Code and as such the proposed RBC may be considered as one of the types of RBOs.
- (4) Mr. Lorenzo of DILG-MDGF 1919 commended NWRB for the undertaking the first IWRM study in the country. He inquired about the harmonization of the proposed IWRM plan with i) Philippine Water Supply Sector Road Map, ii) Philippine Sustainable Sanitation Sector Road Map, and iii) Medium Term Philippine Development Plan (MTPDP) 2011-2016. Engr. Peñaranda replied that the JICA Study Team has already referred to the i) and ii) for formulation of the plan as a national guidance. She also

suggested discussing on how the projects identified in the Study can be incorporated into the updating of the MTPDP. Mr. Mendoza, NEDA Region III, recommended submitting the Plan to the executing agencies for possible incorporation in the MTPDP while awaiting the creation of the RBC under the umbrella of the RDC.

- (5) Engr. Peñaranda suggested that the term "water rate" should be changed to "water tariff". Mr. Otogawa as well as SC and TWG members agreed with the suggestion. She also inquired about the necessary action for the establishment of RBC. Mr. Otogawa replied that NWRB as well as NEDA Region III should pursue the establishment of RBC, as described in the conclusions and recommendations of the Draft Final Report. A recommendation was raised by Mr. Mendoza of NEDA Region III for NWRB as the lead agency of the IWRM Plan to write a formal communication to NEDA Central office for the notation that the Plan was already completed and as indicated in the Plan there has to be a creation of the RBC by the RDC III. From NEDA official communication to RDC III it will act accordingly in the process of adopting the Plan and organizing the RBC. Dir. Tuddao of RBCO informed that the creation of RBOs nationwide is proposed in the MTPDP 2011 – 2016.

- (6) In addition to the above discussions, the following questions and answers were made between the members of Committee and the Study Team:

- *How the gender consideration and PANTHER (Participation, Accountability, Non-discrimination, Transparency, Human Dignity, Empowerment and Rule of Law) concept were made in the proposed IWRM plan:*

One of evaluation points for the proposed projects is addressed to the project's contribution to the vulnerable groups that consider gender concerns.

- *What is the interval period for the monitoring and evaluation of the IWRM Plan.*

There is no definite period for it depends on the result of the monitoring which will dictate whether there is a need for immediate improvement or not.

- *How the budgetary arrangement was made for implementing the proposed projects in the IWRM plan:*

The budgets for the on-going and proposed projects have been almost secured and/or projected by the implementing agency. As for the conceptual projects, however, only the implementing agencies/institutions are proposed, while the definite budgetary arrangements have not been made yet.

- *Whether or not the support from JICA could be expected for implementation of the proposed IWRM projects:*

The JICA Study Team can not commit anything about this question. Mr. Nagata commented that one of the purposes of the Study is oriented to the actual implementation of the proposed IWRM Plan and the relevant request for the support of JICA would be welcomed.

- *Whether or not the GIS data and other basic data used for the Study could be furnished to other agencies:*

The JICA Study Team would submit all basic data for the study to NWRB and, NWRB would provide them to other relevant agencies upon official request.

- *Whether or not the JICA Study Team could undertake the Information Education Campaign (IEC), which could materialize the proposed IWRM Plan, as a part of the study:*

It is virtually difficult for the Study Team to carry out the IEC as a part of the study and another official request would be required, should the IEC be made through assistance of JICA.

At the end of the meeting, Engr. Peñaranda requested all of the SC/TWG members to submit any other comments on the Draft Final Report to JICA Study Team through NWRB by January 10, 2011 either thru email at nwrphil@gmail.com or thru fax at 920-27-24. Likewise, she requested the members to brief their principals on this matter and for the JICA Study Team to provide additional copies of the CDs for distribution to concerned agencies for them to be aware of the proposed projects to be implemented by their agency under the Plan. With no other matters to discuss, the meeting was adjourned at about 12:30 pm.



Attendance Sheet

No.	Name	Position	Office
1	Vicente Tuddao, Jr.	Executive Director	DENR - RBCO
2	Eugenio Diaz Jr.	CE/SE	DENR - RBCO
3	Araceli Oredina	DMO IV	DENR
4	Ma. Theresa L. Lalu	SFMS	DENR Reg. 3
5	Remedios Evangelista	OIC Refo. Div.	DENR - FMB
6	Felixberto Lansigan	SFMS	DENR - FMB
7	Jose Algy B. Canlas	PDMG Chief	DILG Reg. II
8	John T. Zapata	EDS II	NEDA Reg. 3
9	Emerson Canlas	NEDA Reg. 3	NEDA Reg. 3
10	Agustin Mendoza	Sup. EDS	NEDA Reg. 3
11	Gonzalo D.V. Coloma	Aqua 2	BFAR Reg. 3
12	Arlette Guzman	Engr. III	DPWH
13	Jesse Felizardo	Engr. IV	DPWH -FCSEC
14	Romeo Dayao	W.O.I	PRFFWC/PAGASA
15	Mario Collado	Engr. IV	BSWM
16	Richard Evangelista	P.O II	PPDO Tarlac
17	Reynaldo Tabelina	P.O I	PPDO Tarlac
18	Michael Calma	PPDC-OIC	NEPG
19	Richard Dingle	PDO IV	PPDO Nueva Ecija
20	Antonio Cacedac	SEMS	PPDO Bulacan
21	Evangeline Dacanay	Proj. Magt. Officer	MWSS
22	Gregel Redublado	Dept. Mgr.	NPC
23	Virgilio Garcia	Proj. Hydologist	NPC
24	Daxx Llorente	TA	SCADC
25	Soledad Castañeda	Chief SRS	DOST
26	Rene Lorenzo		DILG-MDGF 1919
27	Isidra Peñaranda	OIC PPD	NWRB
28	Francis Hillarie	ECO III	NWRB
29	Josephine Abellana	AAA I	NWRB
30	Lisa Manlulu	Information Officer IV	NWRB
31	Florimel Balbedina	Economist III	NWRB
32	Kenji Nagata	Senior Advisor	JICA Head Quarters
33	Tomonori Wakabayashi	Program Officer	JICA Head Quarters
34	Kessy Reyes	Program Officer	JICA Philippines
35	Makihiko Otagawa	Team Leader	JICA Study Team
36	Tadanori Kitamura	D.Team Leader	JICA Study Team
37	Yukihiro Mizutani	Intitution	JICA Study Team
38	Emadelyn Quinones	Watershed Mgt.	JICA Study Team
39	Gladys Alburo	Encoder	JICA Study Team
40	Eleazar Rupido	Secretary	JICA Study Team