

**NATIONAL PROGRAM SUPPORT TO ENVIRONMENT AND NATURAL RESOURCES MANAGEMENT**

**Tenth Implementation Review (June 6-20, 2012)**

<b>NATIONAL PROGRAM SUPPORT - ENVIRONMENT AND NATURAL RESOURCES MANAGEMENT</b>		
<b>Results Framework and Monitoring</b>		
<b>Outcome Indicators</b>	<b>Baseline Information</b>	<b>Accomplishment Description (Quantitative/Qualitative)</b>
<b>Project Life Target By Component</b>		<b>As of May 2012</b>
<b>PDO (SIM)</b>		
<b>i) Implementation of the Reform Agenda, which includes timely actions on the dated covenants, achievement of the key milestones, and continued progress in implementing the Rationalization Plan</b>		<b><u>Partially Achieved</u></b>
	Rationalization Plan prepared and submitted to DBM for review	Final approval of the RatPlan of EMB and MGB is expected before the end of the year (2012).

	Reform Agenda agreed for NPS-ENRMP in line with Rat. Plan	DENR Rat Plan still pending DBM approval, but reforms generally in line with the plan.
	Dated covenants provided in the loan for key actions	Out of 13 <b>dated</b> covenants, <i>nine (9) have been achieved, two (2) partially achieved, one (1) not yet achieved, and one (1) not yet due as of May 2012</i> (See attached list and status of dated covenants).
<b>ii) 30% improvement in overall client satisfaction with DENR service delivery by type of client e.g. LGU/communities</b>	<p>Baseline Client Satisfaction Survey (CSS) conducted March-June 2010 by REECS.</p> <p>Satisfaction Indicators/overall results:</p> <p>1) Transparency= 68% satisfied;</p> <p>2) Accountability= 64% satisfied;</p> <p>3) Participation=67% satisfied;</p> <p>4) DENR services in general= 74% satisfied;</p> <p>MFO 2 Services, all regions: Overall analysis: 83% satisfied;</p> <p>MFO 3 Services, all regions: Overall analysis: 64% satisfied</p>	<p><b>Partially Achieved.</b> Baseline study on client satisfaction (CSS) finalized- accepted by DENR in April 2011.</p> <p>FASPO and PPSO <i>is preparing</i> TOR for follow-up CSS to be conducted before end of project.</p>

<p>iii) 80% of the Project's investment targets in rehabilitation, ecosystem development and assessment met</p>		<p><b>Achieved.</b> A total of 140.399M (US\$3.264M) allocated for GEF funded activities within the four (4) GEF sites. A total of P124.458M (\$2.89M) worth of sub-projects or 88% approved for implementation of twenty-four (24) LGU's wherein P65.081M has been downloaded to 23 LGU's.</p>
<p>iv) 15% reduction of total suspended particulate matter levels in Metro Manila over the 2006 baseline level.</p>	<p><b>Air Quality</b> 142ug/Ncm (2006)</p>	<p><b>Achieved.</b> EMB's monitoring showed a 17.6% reduction in suspended particulate matter from the 2006 baseline (i.e. from 142ug/NCM in 2006 to 117 ug/NCM in 2011).</p>
<p><b>PDO (GEF-Global Environment Facility)</b></p>		
<p>i) 106,000 ha. of protected areas, protection forest and wetlands in GEF supported sites under effective management by PY5 <i>(Parameters for effective management are the PA plan, implementation of rehab refo protection activities, sustainable financing, active PAMB watershed council)</i></p>	<p>Total area of PAs/protection forests/wetlands in 4 GEF sites estimated at 158,713.45 ha. Management Effectiveness Tracking Tools (METT) administered in the 4 sites in 2010 but score not available.</p>	<p><b>Partially Achieved.</b> METT implemented in all GEF Sites but still lacking in analysis. <i>Adaptive Management Plans to be prepared vel.</i></p> <p>WMC's PAMBs operational in all GEF supported sites</p> <p>A total of 4,381.49 ha. under rehabilitation/reforestation (LGU's =3,400.49 ha. and by Administration=981 ha.)</p>

	Update for each watershed/wetland the aggregate no. of hectares of PAs, protection forest and wetlands to be undertaken by PAWB, RED and through local monitoring scheme 0 ha. under effective management	
LIBMANAN-PULANTUNA (Region 5)  Total area PAs = 9,892 ha. METT score baseline (2010): _____	9,892 has. (BNP:5,105 ha; LCNP: 19.4 ha; Cabusao wetland: 4,767.9 ha.  0 ha. under effective management	
BAGO WATERSHED (Region 6)  Total area PAs=83,020 METT score baseline (2010): _____	0 ha. under effective management	
LIGAWASAN MARSH (Region 12)  Total area PAs (wetlands)=31,568 ha. METT score baseline (2010): _____	habitats: Freshwater: 4,146; herbaceous swamp: 10,639; Shrub swamp: 3,905; Still open water: 12,878; (Ricefield: 52, Areas converted to dryland and agriland: 86,812)  0 ha. Under effective management	
KANAN WATERSHED (Region 4A)  Total area of PAs, PF and Wetlands=34,233.45 METT score baseline (2010): _____	Update for each watershed/wetland the aggregate no. of hectares of PAs, protection forest and wetlands to be undertaken by PAWB, RED and through local monitoring scheme  0 ha. under effective management	

<p>ii) 35% of ecologically sensitive forests (outside protected areas) under effective protection (33,371.27 ha.)</p>	<p>Estimated area of ecologically sensitive forests outside PAs (KBA/IBA) in 4 sites is 95,346.49 ha : no area under effective protection based on EcoGov indicators.</p>	<p><u>Partially Achieved.</u>  Maintained and protected 19,134.49 ha in Bago Watershed  Ongoing efforts of CENROs on forest protection with assistance from Phil. Navy in Kanan Watershed  Continuous IEC campaign to stakeholders; establishing social buffer zone through BERRMC in Libmanan-Pulantuna Watershed</p>
		<p>2 sites are already covered by FLUP Co-management agreements with LGUs (i.e. Kanan Watershed and Libmanan-Pulantuna). These sites have met at least 2 of the EcoGov indicators for effective protection, i.e. approved plan, legal instrument (co-management), LGU budget, assigned personnel, actual enforcement activities  For Bago Watershed, met the following EcoGov indicators: i) approved plan; ii) legal instruments (co-management); iii) assigned personnel; iv) actual enforcement.</p>
<p>KANAN WATERSHED (Region 4-A) Area of ecologically sensitive forest (KBA/IBA) outside PAs - 19,092 ha</p>	<p>Update for each watershed/wetland the aggregate no. of hectares of PAs, protection forest and wetlands to be undertaken by PAWB, RED and through local monitoring scheme</p>	
<p>LIBMANAN-PULANTUNA (Region 5)  Area of ecologically sensitive forest (KBA/IBA) outside PAs - 28,584 ha</p>	<p>___% under effective protection</p>	<p>Continuous IEC campaign to stakeholders; establishing social buffer zone through BERRMC.</p>

BAGO WATERSHED (Region 6)  <i>Area of ecologically sensitive forest (KBA IBA) outside PAs under effective protection 19,134.49 ha. of the total area of GEF site 83,020 ha.</i>	No baseline	
LIGAWASAN – 28,536 ha.?	24% or 28,536 ha. Under effective protection ?	
iii) 25% decline in the area under kaingin (as measured by no. of plots) as a result of project interventions (122,139.25 ha. = 25%)	Based on the assumption that "Other woodlands/brushlands/grasslands" can be considered as the kaingin areas, estimated area based on existing forest land uses in the sites' IEM plans, is 488,557 ha. (Kanan, Libmanan-Pulantuna, and Bago)	<b>Partially Achieved.</b> <b>Total Area Established= 4,381.49ha.</b> <i>LGU -led rehabilitation activities = 3,400.49 ha</i> <i>DFNR-led rehab. Activities = 981 ha.</i>
KANAN WATERSHED (Region 4A)  <i>Kanan and Libmanan=487,780</i>	Update for each watershed/wetland the aggregate # of hectares of PAs, protection forest and wetlands to be undertaken by PAWB, RED and through local monitoring scheme	
LIBMANAN-PULANTUNA (Region 5)	No kaingin per BERNRMC. Land use conversion estimated at 20,614 ha.	
BAGO WATERSHED (Region 6) – 777 ha Openland	updated	
LIGAWASAN MARSH (Region 12)	74% covering the ricefield and the converted dry areas	
<b>Intermediate Results from Each Component</b>		
<b>Component 1: Policy, Planning &amp; M&amp;E</b>		

<p><b>Framework developed for the rationalization of environment and natural resources management policies and legislation</b></p>	<p>Various studies available highlighting inconsistencies in legislation, policy and implementation</p>	<p><b><u>Achieved.</u></b> Framework developed but being updated in line with new priorities.</p>
<p><b>Forward Planning and Budgeting strategy being implemented</b></p>	<p>DBM instruction has been issued requiring OPIFs to be prepared by all Depts.</p>	<p><b><u>Achieved.</u></b> Completed 2010-2012 Medium Term Expenditure Program by Sector.</p>
<p><b>Key databases relating to:a) industrial use;b) forests, and c) protected areas available on-line or public access, including links to forms, procedures and fee schedules relating to regulatory processes and service contracts.</b></p>	<p>Databases are of variable quality, not regularly mainstream and not readily available for public access.</p>	<p><b><u>Partially Achieved.</u></b>Various IT packages have been procured and deployed/distributed to the Regional Offices, PENROs, CENROs and Bureaus. Installation of the 1st phase of VOIP at the Central Office and Bureaus is already underway and is expected to be completed in July 2012. Two (2) IT Specialist will also be engaged to assist the DENR in the <i>normalization standardization of all sectoral databases; review of various TORs related to the establishment of the DENR Data Center and applications development; and updating the Integrated Systems Strategic Plan (ISSP).</i> On line connectivity will start late this year (2012) for Bureaus and Regional Offices, while Regional Offices will start early of 2013. Connectivity, down to the PENROs and CENROs, will be completed/in place until December 2013.</p>

<p><b>Procedures and responsibilities for issuance of tenure instruments standardized and streamlined.</b></p>	<p>Lack of clarity in procedures for CBRMA CBFMA and NIPAS virtually resulted in a cessation of this instrument.</p>	<p><b>Achieved.</b> NIPAS-IRR updated and streamlined and revised policy issued.</p>
<p><b>National Integrated Protected Areas System/implementation rules and regulations updated and, streamlined and revised policy issued.</b></p>		<p><b>Achieved.</b> Achieved through the issuance of Revised IRR for NIPAS in 2008 (DAO 2008-26), which already includes procedure for the issuance of PACBRMA.</p>
<p><b>Mapping of priority geo-hazard areas completed</b> - Total of 1,634 maps/municipalities at a scale of 1:50,000 -Total of 1,634 maps/municipalities at a scale of 1:10,000</p>	<p>1,321 municipalities with geohazard maps at a scale of 1:50,000  None for 1:10,000 scale</p>	<p><b>Partially Achieved.</b> 1:50,000 scale: completed for 1,634 municipalities  1:10,000 scale: 183 municipalities surveyed and assessed out of a target of 218 municipalities in 2012. Rough maps produced in the field but still subject to validation and digitization.</p>



<p><b>Comprehensive rehabilitation and remediation plans for 5 abandoned mines completed</b></p>	<p>No plan</p>	<p><b><u>Partially Achieved. Risk assessment of 5 other abandoned mines:</u></b>Assessment activities completed in the 5 abandoned mines (e.g. soil and water sampling/analyziz, Geotechnical/Geohazard assessment, information, education and communication, Terrestrial survey flora and fauna survey, Air Quality Assessment, AMD/ARD assessment).</p>
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<p><b>Interim measures for the rehabilitation of Bagacay mines implemented</b></p>	<p>None</p>	<p><b><u>Partially Achieved.</u></b>  <u>Bagacay Mines Rehabilitation in Hinabangan, Samar:</u>  An additional 100 meters of diversion channel pipeline has been constructed in January this year for a total of 1.6 kilometers (out of the total target of 5 kilometers) completed.</p> <p>Geotechnical study and construction of diversion channel pipeline will be extended to enable completion of the contracted activities until the end of August 2012.</p> <p><b><u>Phytoremediation research by ERDB:</u></b>  <i>The study is intended to mitigate the effects of abandoned mines by introducing potential tolerant plants to improve the soil condition.</i></p> <p>Three (3) experimental blocks with an area of 1,200 s.q. meters per block was established.</p> <p>Two (2), among the five (5) combinations experimented, gave positive results. It was also observed that the agoho species planted in CY 2008 thrives.</p>
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<p><i>Political boundary established in 217 municipalities covering 4,455,812 hectares (cadastral survey category B)</i></p>		<p>58 Contracts (86%) of the targeted 66 Contracts for CY 2011 awarded covering 454,153 hectares for Categories A, B and C. Remaining 8 contracts for re-bidding.</p> <p>86 Contracts (40%) of the targeted 217 Contracts for CY 2012 awarded covering 1,683,758 hectares for Category B – Political Boundary survey.</p>
<p><i>Implementation of the Operational Plan for the Manila Bay Coastal Strategy Pursuant to Supreme Court Decision (OPMBCS) (OPMBCS updated/enhanced)</i></p>		<p><i>Final draft of the OPMBCS was presented and submitted to the Manila Bay Advisory Council and Supreme Court</i></p>
<p><b>Component 2: Integrated Ecosystem Management</b></p>		
<p><b>i) 30% of degraded forest in GEF supported sites rehabilitated with native species representing the bio-geographic region as clarified in the WMP (64,000 ha.)</b></p>	<p>215,354.59 ha. total extent of degraded forest determined per Survey conducted by REECs. Survey subject to validation of Regional offices (GEF Focal Persons to validate REECs data based on extent of open areas as indicated in the IEM plans)</p>	<p><b><u>Partially Achieved.</u></b>  <i>Rehabilitation activities completed in 4,381.49 ha. (DENR-led = 981 ha and LGU-led = 3,400.49 ha)</i></p>
<p><b>ii) At least 30% of degraded forest lands in non-convergence watershed rehabilitated with native species by the end of the project.</b></p>	<p>No baseline</p>	<p><i>As of June 2012 a total of 120,355.30 has rehabilitated with 91,056,479 seedlings (NGP national). In addition a total of 11,486,409 seedlings were produced and ready to be planted in 71,000 ha (note: excluding the 4 GEF sites)</i></p>

<p>iii) 100% of GEF supported protected areas (PA) mainstreamed PA management effective tool</p>	<p>None of the PAs have mainstreamed METT Survey conducted by REECS subject to validation by Regions</p>	<p><b>Achieved.</b> METT has been implemented adopted in all four (4) GEF Sites</p>
<p>iv) Use of PA management effectiveness tool replicated in 60% of proclaimed PAs nationally (or 63 PAs)</p>	<p>None of the 105 PAs Survey by REECS subject to validation by regions.</p>	<p><b>Partially Achieved.</b> METT/MEAT adopted/conducted in 42 PAs or 66.6% of 2012 target (total target is 63 PAs).</p>
<p>v) 60% of targeted communities in GEF supported sites implementing micro-catchment plans by the end of the project.</p> <p><i>Total= 29 LGUs 60%= 18 LGUs micro-catchment plans ENR Plans</i></p>	<p>None of the 144 target communities/ barangays. Survey by REECS subject to validation by regions.</p>	<p><b>Achieved.</b> Total of 24 LGUs communities in GEF supported sites implementing ENR Plans out of 29 targeted LGUs or 82% accomplishment.</p>
<p>vi) 30% of households in communities in GEF supported sites adopted livelihood practices promoted by the fourth year of project</p>	<p>None of the 77,152 households inside the GEF area.Survey conducted by REECS subject to validation by regions</p>	<p><b>Partially Achieved.</b> 21 <i>livelihood</i> subproject proposals prepared for GEF funding.</p>

vii) 75% of funded activities (by S value) in GEF supported sites implemented by the LGL's and/or other stakeholders	No funded activities	<b>Partially Achieved.</b> A total \$1,513M (P65,081 M) or 52% of P124,458M CAF issued by MDFO for LGU Subproject Proposals (SPP) was released to GEF funded activities within the four (4) GEF sites implemented by 23 LGUs.
viii) Best practices of integrated ecosystem management being replicated through information education campaign in at least 2 non GEF supported watershed areas.	No baseline	<b>Achieved.</b> Best practices being replicated in three (3) sites (Pola and Bongabong Watersheds in R4B, and QUINALI Watershed in R5).
ix) Payment for ecosystem services schemes operational in at least two watershed areas and generating ENR related service fees and royalties.	Fee collection for all regulatory services are low, an indicator of the low priority and other difficulties associated with this	<b>Partially Achieved.</b> Planning for alternative sources of financing in 3 GEF sites conducted and identified potential PES opportunities in the following areas: 1) Region 4- User Fee System for mangrove areas 2) Region 5- User Fee System from bamboo harvesting rights 3) Region 6- Environmental Fee System for small-scale quarrying/land use/water use fee.

<p><b>x) Implementation of the Operational Plan for the Manila Bay coastal Strategy pursuant to Supreme Court Decision</b></p> <p><i>-Habitats and Ecosystem Resources Restoration</i></p>		<p><i>Planted 23 hectares of mangrove area along shorelines and near river mouths</i></p> <p><i>6 kms. of streambank stabilized in Las Pinas, Zapote Paranaque and Navotas</i></p> <p>Identification of possible designation of wetlands for international importance (Las Pinas-Paranaque Critical Critical Habitat Ecotourism Area, Sasimuan mangrove Area and Candaba Swamp in Pampanga- Region 3 and Tortugas in Bataan)</p>
<p><b>Component 3: Strengthening ENR Management</b></p>		
<p><b>i) 10% per annum increase in companies complying with environmental standards compared to baseline.</b></p>	<p>Companies in the Bantay Tsimneya Program complying with:</p>	
<p>-Total number of companies 10,923 -Air Standards: 55.32% compliance (baseline)</p>	<p>-Air Standards: 55.32% compliance</p>	<p>79.76% compliance or 9,368 companies out of 11,746 companies monitored. This is 22% higher than 2010's reported compliance of 65.03%.</p>
<p>-Total number of companies 4,088 -Wastewater Standards: 37.47% compliance (baseline)</p>	<p>-Wastewater Standards: 37.47% compliance</p>	<p>62.95% compliance or 2,521 companies out of 4,067 companies monitored. This is an improvement of 5.76% over 2010's reported 59.52% compliance.</p>

<b>ii) Industries issued with permit to operate and levels of compliance (4,700 companies)</b>	i) Monitor 4,700 companies in Metro Manila with permit to operate	94.04% compliance or 3,280 companies out of the 3,489 industries monitored, or higher than 2010's 91.3%
(1,600 companies along waterbodies draining into Manila Bay)	ii) Monitor 1,600 companies along waterbodies (with wastewater draining into Manila Bay)	91.23% compliance or 1,588 companies out of the 1,744 companies monitored along waterbodies. This is lower than 2010's reported compliance of 94.5%.
<b>PETCs</b> (Private Emission Testing Centers) compliance monitored for 179 centers	<b>PETCs</b> (Private Emission Testing Centers) compliance monitored for 179 centers	100% compliance of 210 PETCs
Monitoring of ECC projects	Monitoring of ECC projects	90.36% compliance of projects issued with ECC or 3,958 projects out of 4,380 projects monitored
<b>iv) Designation and operationalization of at least 3 water quality management areas (WQMA)</b>	None	Achieved. Three (3) Water Quality Management Areas were established and operationalized (Meycauayan-Marilao-Obando River System in Region 3, Jaro-Tigum-Aganan in Region 6, and Saranggani Bay in Region 12).  Each of the 3 WQMA's has a Governing Board (GB) established and operationalized and 10- year WQMA action plan approved and adopted by the GB.
<b>v) Monitor popular bathing beaches for bacterial levels/safety (101 beaches)</b>	53 bathing beaches	Of the 26 bathing beaches monitored, 15 or 58% passed the DENR standards for fecal and total coliforms, while 11 or 42% failed. This is lower than 2010's reported 68% which passed said standards.

vi) 128 LGUs are implementing three aspects of ecological solid waste management.	48 LGUs	Out of 112 LGUs, 88% implements segregation at source; 84% practices segregated collection; and 77.84% operates MRFs. 3 LGUs declined in the implementation of ESWM and were not validated due to devastation like flooding brought by several typhoons that visited these places.
vii) Implementation of the Operational Plan for the Manila Bay Coastal Strategy Pursuant to Supreme Court Decision (OPMBCS)		
<i>Solid Waste Management</i>		
<i>Procurement of trash boats</i>		Four (4) trash boats were procured and are scheduled for turn over to 3 LGUs ( 2 in Manila, 1 Bulacan and 1 Cavite).
		Bids for 20 trash boats for CY 2012 undergoing review evaluation, and expected to be delivered/deployed to the sites by September, 2012.



<i>Cleaning up of esteros rivers</i>		Task Force Palasyo was created in partnership with other DENR Offices/Agencies, LGU's, Private Sectors within NCR to clean up all rivers and esteros draining within the Manila Bay.
<i>Cleaning up of Critical Habitat Ecotourism Area</i>		MOA was forged with MMDA in cleaning-up the Las Pinas-Paranaque Critical Habitat Ecotourism Area (LPPCHEA) with a total of 1,896 cubic meter of garbage was collected.
<i>Upgrading of MRF</i>		four (4) MRFs are indentified for upgrading in the ff sites: NCR- Las Pinas and Paranaque; Region 4-within Kawit River System in Cavite (dumpsite will be converted into MRF) and; REgion 3- within Marilao River System in bulacan (within 40 km stretch of the river system).
<i>Water Pollution Reduction</i>		
<i>Monitoring of Baywide/Offshore</i>		Conducted Baywide/Offshore Monitoring in 9 stations using the parameters on Dissolve Oxygen (DO), Ph, salinity, temperature, conductivity and heavy metals. Results showed decreasing trend for DO from top to bottom in all stations. Station 7 in Noveleta passed the SB criteria at the surface area. For heavy metal sediments all stations passed the SB criteria on lead and cadmium, except for chromium wherein only three (3) stations passed.

<i>Monitoring of beaches</i>		Sixteen bathing beaches monitored. Only 4 or 25% passed the SB criteria for fecal coliform (200mpn/100ml) and 5 or 31% passed SB criteria for Total Coliform (100mpn/100ml). Of these, stations 14 or 87% conformed with the DO criteria and 9 or 56% passed the SB criteria for Class SB water.
<i>Adopt an Esteros</i>		A total of 17 esteros have been adopted by various industries, companies and other private sectors (NCR-2, Region 3-10 and Region 4A-5) surpassing the targets by 88%.
<i>Establishing WQMA</i>		Draft DAO for establishing San Juan River as WQMA is for review and approval. There are 7 more target rivers for WQMA being work out.
<i>Rehabilitation of rivers esteros</i>		For the application of Phyto-bioremediation Technology to rehabilitate rivers/esteros procurements of works are ongoing to 3 rivers/esteros (Paranaque and Las Pinas Rivers in NCR, Bagumbayan Creek in Cavite (R4A) and Saluysoy Creek in Bulacan (R3)
<i>Installation of Database for ISHERS</i>		Twelve (12) or 38.7% out of the 31 targets for the installation of Informal Settlers, Households, Establishments and River Systems (ISHERS) database are completed.

<i>Study on the Assessment of Non-Point Source Pollution</i>		Study on the Assessment of Non-Point Source Pollution from croplands of Manila Bay Systems with DA-BSWM was completed.
<b>viii) Conduct of Special Studies, Design and Development in support of Forestry, Mining and Environmental Operations</b>		
<i>1) Implementation Plan for Clean Air in Metro Manila</i>		Commitments to improve air quality were forged through a MOU among DENR, DOTC, DILG, MMDA, PMA, KBP and other 17 LGUs.
<i>(Reduction of TSP level by 30% in EDSA and establish baseline PM10)</i>		Hired 20 personnel who comprised 3 Anti-Smoke Belching Units (ASBU) of EMB-DENR) in addition to 7 LGUs-ASBU's which apprehend Smoke Belchers in Metro Manila.
		Conducted training on the proper use/operation of the smoke meters, attended by ASB personnel of LGUs, MMDA, EMB-NCR and CO.
		Drafted the Manual for the Roadside Inspection of smoke-Belching vehicles.
		Conducted training on fuel efficiency, preventive maintenance from 12 bus companies and conducted garage testing for 28 terminals with 380 buses.

		Collection of data from 17 Lgus ongoing for emission inventory of TSP/PM10/2.5, NO2, SO2.03 in existing stations.
<b>2) Implementation Plan for Clean Water</b>		
<i>(Development of a Model "Adopt-a-Estero" program towards pollution load reduction)</i>		Seven (7) esteros (Las Pinas-Dalig, San Juan, Maricaban, Diliman, Tullahan (Mceda-Q.C. to Viz) Mauling and Palico) were committed under the Project. Activities undertaken include: Water sampling, monitoring, waste management training for community leaders and intensive clean up.
<b>3) Implementation Plan for Solid Waste Management</b>		
<i>( Establishment of appropriate ESWM System for 711 subdivisions in Metro Manila)</i>		MOA between DENR and MMDA was signed and preparatory activities (MMDA's training and deputation of 85 environmental police are being undertaken)
		16 LGUs have entered into a MOA with DENR and submitted their Work and Financial Plan and inception report. Corresponding fund support has been released. All the 16 LGUs have submitted their list of Homeowners Associations (HOAs).