

LIST OF PROJECTS COMPLETED WITHIN THE TIMEFRAME IN ACCORDANCE WITH ORIGINAL PROJECT APPROVAL 2016

DIVISION	PROJCODE	PROJECT TITLE	DATE START	DATE END	STATUS	PROJECT LEADER
EBD	RDR-EBD-2015-02	Oil Spill/Sheen Remediation using Nano-Engineered Adsorbents and Composites Study 1: Field-Testing of Modified Zeolite for Oil-Spill Remediation	4/1/2015	3/31/2016	Completed	C. Gacho/ E. Ongo
EBD	RDR-EBD-2015-02	Study 2: Field-Testing of Chitosan-CaCO ₃ Compoiste for Oil Spill Remediation	4/1/2015	3/31/2016	Completed	C. Gacho/ E. Ongo
EBD	RDR-EBD-2015-03A	Treatment of Modified Starch Processing and Post-consumer Polymeric Wastes Study 1: Aerobic Treatment of Wastewater Study2: Determination of aerobic-biodgradation of Polymeric Materials Study 3: Isolation, Characterization & Validation of Microorganisms for Bioremediation of Wastewater from Modified Starch Production and Biodegradation of Plastic Additives	4/1/2015	3/31/2016	Completed	F. Coronado/ U. Bigol/ L. Egay
MSD	RDR-MSD-2015- 3	Biodegradable nanocomposites from Cassava Starch	4/1/2015	6/30/2016	Completed	M. Paglicawan

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		Treatment of Modified Starch Processing and Post-consumer Polymeric Wastes				
EBD	RDR-EBD-2015-03B	Study2: Determination of aerobic-biodgradation of Polymeric Materials	4/1/2015	3/31/2016	Completed	U. Bigol
EBD	RDR-EBD-2015-03C	Study 3: Isolation, Characterization & Validation of Microorganisms for Bioremediation of Wastewater from Modified Starch Production and Biodegradation of Plastic Additives	4/1/2015	3/31/2016	Completed	L. Egay
MSD	RDR-MSD-2016-01	Bench Scale Production of Locally Produced Nanozeolite Pelletes and Powder	01-Jan-16	31-Dec-16	Completed	J. Celorico
MSD	RDR-MSD-2016-02	Application Studies of Nanozeolite in Water/Wastewater Treatment Study 1: Surface Modification of Locally Produced Nanozeolite for Water Purification	01-Jan-16	31-Dec-16	Completed	J. Celorico

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CED	RDR-CED-2016-3B	Field-Testing of Nanozeolite in Molecular Sieve/Membrane Technologies Study 2: Field Testing of Nano Zeolite Membrane for CO2 Capture in Boiler System	01-Jan-16	31-Dec-16	Completed	A. Bawagan
MSD	RDR-MSD-2016-04	Production and Evaluation of Nanozeolite Films for Food and Industrial Applications Study 1: Production of Nanozeolite Films for Advanced Industrial Applications	01-Jan-16	31-Dec-16	Completed	M. Paglicawan
EBD	RDR-2016-11	ITDI Solid Waste Management Study 1: Waste analysis and Characterization Study and Industrial Design Improvement of Composter Study 2: Information, Education and Communication Campaign (IEC) and Development of Electric Plastic Densifier	01-Jan-16	31-Dec-16	Completed	M. Tangsengco/ L. Egay

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DIVISION	PROJCODE	PROJECT TITLE	DATE START	DATE END	STATUS	PROJECT LEADER
MSD	RDR-2016-05	Scale-up Production and Application of Studies of Nano Precipitated Calcium Carbonate Study 1: Scale-up Production of NPCC for Industrial Application Study 2: Application of Nano-Precipitated Calcium Carbonate for Flexible and Rigid Plastics Production Study 4: Use of Nano Calcium Carbonate in the Neutralization and Clarification of Ready-to-Drink Sugar Cane Juice (Pure and with Fruit Flavors) Study 5: Effect of Nano Calcium Carbonate Modified pH and Temperature on the Inversion of Sucrose in Sugarcane Juice	01-Jan-16	31-Dec-16	Completed	J. Celorico/M. Paglicawan/ D. Villasenor
CED	RDR-2016-06	Scale-up Production of Modified Starch from Cassava Sub-project 1: Rehabilitation of Processing Equipment Sub-project 2: Production of Starch Acetate Sub-project 3: Production of Cross-linked Starch Sub-project 4: Production of Heat-treated Starch	01-Jan-15	31-Dec-16	Completed	L. Hermosura/ C. Bulan/ C. De Vera

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DIVISION	PROJCODE	PROJECT TITLE	DATE START	DATE END	STATUS	PROJECT LEADER
FPD	RDR-2016-07	Application of Modified Starch in Food Products and Processes Study 1: Application of Modified Cassava Starch as Bulking Agent/Carrier in Drum Drying and Spray Drying Study 2: Use of Modified Cassava Starch as Binder for Gluten-Free Rice Noodles	01-Feb-16	31-Dec-16	Completed	M. Falco
EBD	RDR-2016-08	Biotechnology Intervention in the Production of Pigments from Modified Starch using Monascus sp Study 1: Strain Improvement of Monascus Purpureus and Preparation of Liquid Inoculant using Modified Heat and Moisture Treated Starch for Production of Food Colors Study 2: Comparative Optimization Study on the use of Modified Cassava Starch and Rice Starch as Monascus spp Response Surface Methodology (RSM)	01-Feb-15	31-Dec-16	Completed	U. Bigol