

PUERTO RICO WATER RESOURCES AND ENVIRONMENTAL  
RESEARCH INSTITUTE

104B SECTION RESEARCH PROGRAM

1<sup>st</sup> Quarterly Progress Report

**Date of the report:** July 7th, 2005

**For Quarter Ending:** June 30<sup>th</sup>, 2005

**Project Title:** 'Removal of Inorganic, Organic and Antimicrobials Contaminants from Aqueous Solutions by Waste Tire Crumb Rubber'

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**Names of Co-PI's:** Felix Roman, Marco A. Arocha

**Percentage of work completed in this period (%):** 15%

**Accumulative Percentage of work completed (%):** 15%

**Completion Date:** February 28<sup>th</sup>, 2006

**Project status:**  Schedule \_\_\_ Suspended \_\_\_ Delayed \_\_\_ Cancelled \_\_\_ Completed  
Activities progress: (according to work schedule submitted with application)

Task #	Major Activity	Date started	% Completed	Estimated date of completion	Date Completed	Dependant on task(s)
01	Sorption tests of Xylene	April 1 <sup>st</sup> , 2005	100	June 30 <sup>th</sup> , 2005	June 30 <sup>th</sup> , 2005	
02	Sorption tests of Toluene	April 1 <sup>st</sup> , 2005	50	July 30 <sup>th</sup> , 2005		
03	Sorption tests of Tetracycline	April 1 <sup>st</sup> , 2005	15	August 30 <sup>th</sup> , 2005		

**Summary of Progress on Project this Quarter:** The progress can be summarized as follows

- Assignment of project account number by CID: March, 2005
- Submission of new purchasing orders (starting): April, 2005
- Reception of crumb rubber samples at mesh 30 prepared by REMA (specifically for this project): May 10<sup>th</sup>, 2005
- Starting of Uv-Vis calibration and determination of detection limits for tetracycline analyses: April 5th, 2005.
- Interview with EL NUEVO DIA newspaper: June 2005.
- Completion of the sorption tests with Xylene.
- Starting of sorption tests with Toluene.
- Starting of sorption tests with Tetracycline.

**Problems encountered and/or assistance need:**

None.

**Certifications:**

*As the Principal Investigator, I certify that the information contained within this quarterly report accurately reflects the status of this project.*



Dr Oscar Perales-Perez, PI  
Assistant Professor

July 7th, 2005

