

From floodplain to aquatic sediments: Radiogeochronological fingerprints in a sediment core from the mining impacted Sancho Reservoir (SW Spain)

J.M. Abril^{1,*}, E.G. San Miguel^{2,3}, C. Ruiz-Canovas^{4,3}, M. Casas-Ruiz⁵, J.P. Bolívar^{2,3}

¹Department of Applied Physics I, ETSIA, University of Seville, Spain

²Department of Integrated Sciences, Area of Applied Physics, University of Huelva, Campus de El Carmen, 21071 Huelva, Spain

³Research Center on Natural Resources, Health and the Environment (RENSMA), University of Huelva, 21071 Huelva, Spain

⁴Department of Earth Sciences, Faculty of Experimental Sciences, University of Huelva, Spain

⁵Department of Applied Physics, University of Cadiz, Spain

* Corresponding author: J.M. Abril; ETSIA, University of Seville. Carretera de Utrera km 1; D.P. 41013, Sevilla (Spain). Email: jmabril@us.es, FAX: +34 954486436