

WATER MANAGEMENT CASE STUDY

Company: Hanson – Heidelberg Cement
Location: La Rinconada – Seville, Spain
Type of site: Sand and gravel pit

Potential impact on water or groundwater

Surface water circulation was a problem for extraction when raining periods. The free circulation in site roads and tracks was a risk of water contamination by solid particles.

Action on

Extraction site

Description of the good practice

Surface water collection system and irrigation pond (1.000.000 m3) construction. The pond collects by gravity not only surface water from the site and surroundings, but also from Guadalquivir river water floods.

Description of the positive effects on water/groundwater

Better agricultural uses after restoration
 Minimisation of erosive processes
 Natural surface water recovery

