



CH2M HILL ESPAÑA S.L.

Environmental Services

Client

Confidential

Location

Barcelona, Spain

Decommissioning of a Paint Manufacturing Site

CH2M HILL provided assistance during the decommissioning of a paint manufacturing site located at Montcada I Reixac in Barcelona, Spain. The site was demolished as planned and the property was transferred to the new owner without objection in 2009. The cost savings related to the work conducted by CH2M HILL was more than 500,000 euros, approximately 25% of the total site closure budget of the nearly 2 million euros.

As part of this project, CH2MHILL provided the following services:

- Completed a Phase I Environmental Site Assessment and several Phase II Site Assessments
- Served as advisors during closure plan negotiations with regulatory and government agencies
- Developed a groundwater conceptual site model and conducted a quantitative human health risk assessment in support of the site closure plan
- Prepared a Demolition and Waste Management Plan
- Assisted in selecting a demolition company. Services included preparing bid packages, reviewing contractor submissions, and recommending a demolition company
- Provided technical support and described the environmental status of the site and planned actions at meetings with the local environmental authorities
- Developed a soils and groundwater report that was submitted to local agencies
- Conducted periodic groundwater monitoring evaluate the groundwater quality beneath the site and confirm risk assessment results
- Assisted during the decommissioning process

CH2M HILL provided full time on-site supervision of decommissioning activities. The objectives were to avoid contamination resulting from decommissioning activities and minimize costs by sending specific material hazardous waste landfills (the tendency is to send everything to landfills which leads to increased project costs).