



Stormwater overflows

GRUPO



Stormwater overflows

The KPS pipes manufactured by PPA & Krah have demonstrated their suitability for Stormwater overflow systems both on land as well as at sea.

By way of example, the Stormwater Overflow project developed in the city of Cádiz should be noted and whose supply scope was the following:

DN/ID 1.800 mm pipe	Length: 750 lm – Maritime Section
DN/ID 1.400 mm pipe	Length: 240 lm – Maritime Section
DN/ID 1.200 mm pipe	Length: 430 lm – Land Section
DN/ID 800 mm pipe	Length: 415 lm – Land + Maritime Section

The main advantages noted in the installation of the KPS pipes were as follows:



1. Competitiveness and structural warranty of the pipes thanks to the combination of solid walls and light weight sections.
2. Adaptability in the design of the pipes to the existing stresses in the project.
3. Electro-fusion patented welding for the KPS pipes for quick and easy welding of large diameter pipes.
4. Flexibility of the pipes.
5. Availability of fittings and special parts to meet any work requirement.
6. Nonexistent corrosion in the outfall. All fittings are manufactured in plastic.

Additionally, the HDPE pipes have other advantages inherent to the manufacturing materials and which makes them an attractive option in the design of outfalls linked to a Stormwater Overflow. These are generic HDPE properties which include among others:

1. Excellent hydraulic behaviour.
2. Impact resistance.
3. Resistance to chemical attack.
4. Abrasion resistance.
5. Recyclability.





CITE MARTIN CASILLAS, S.L. BARDERA, S.L.

CARTA DE SATISFACCIÓN

Proyecto: ALIVIADEROS DE PLUVIALES DE CÁDIZ


Estimados señores,

Sirva el presente escrito para certificar la idoneidad de las tuberías empleadas para la realización de los emisarios de pluviales de Cádiz que consistieron en:

- Aliviadero de La Paz: Tubería DN/ID 1.800 mm. Longitud: 750 metros.
- Aliviadero de Santa María: Tubería DN/ID 1.400 mm. Longitud: 240 metros.
- Aliviadero de Cortadura: Tubería DN/ID 800 mm. Longitud: 302 metros.

En todos los emisarios mencionados arriba las tuberías fabricadas por PPA&Kraib tuvieron un comportamiento plenamente satisfactorio, tanto en la fase de montaje como en la de hundimiento y fondeo de dichos tramos en su ubicación definitiva.

Asimismo PPA&Kraib destacó de forma reseñable en el cumplimiento de los requisitos medioambientales y de calidad de producto y proceso de fabricación



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