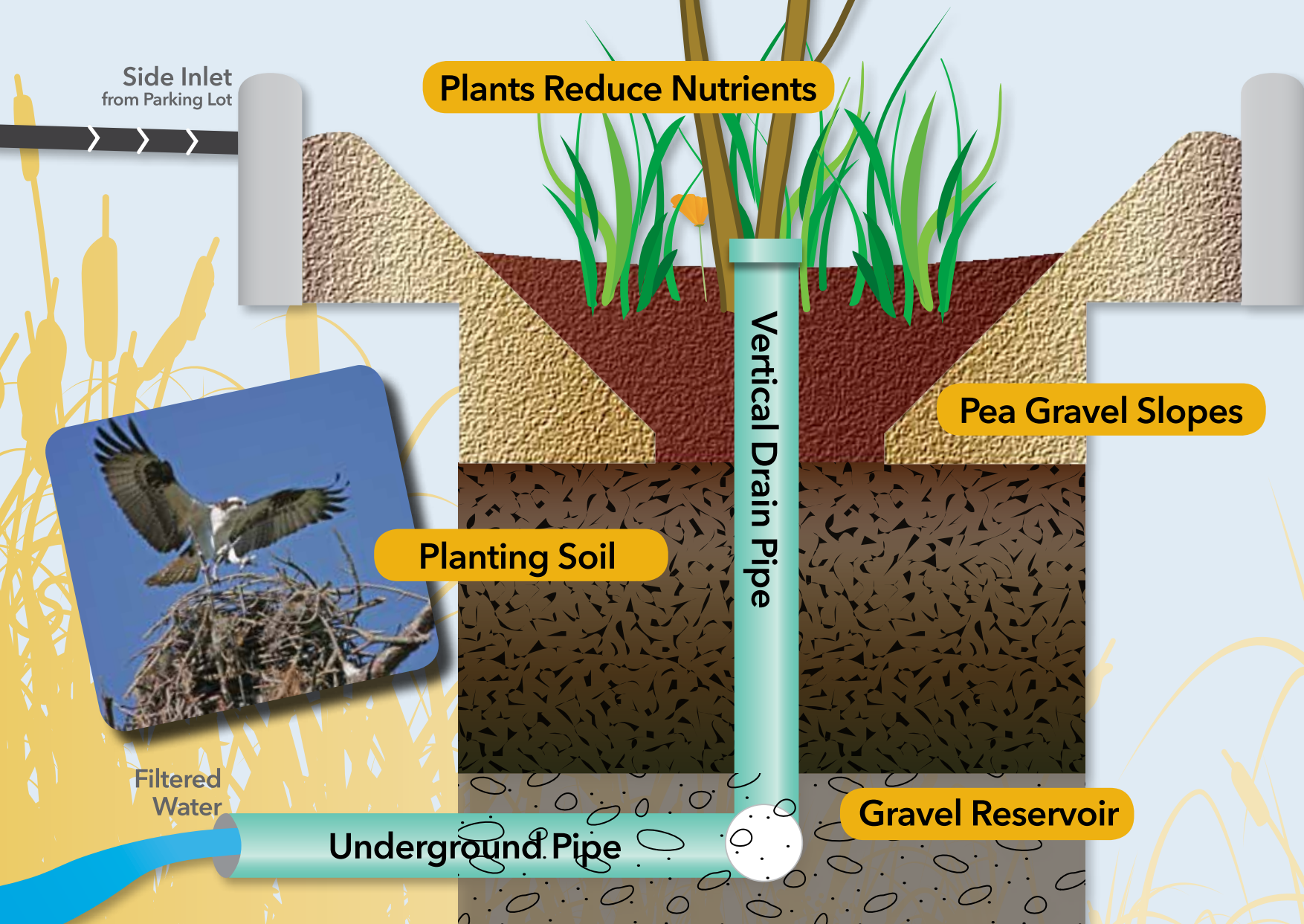


# PROTECTING THE *Port Tobacco River*

La Plata Commerce Center – Demonstration Project

## Micro Bio-Retention Facility

and the wildlife that lives there.



This facility controls the flow of storm water from the building roof and parking lot and

### **FILTERS OUT POLLUTANTS**

from entering the Port Tobacco River. High volumes of storm water, laden with oil and grease, nutrients and bacteria, enter the facility from inlets on each side. During heavy rains, the polluted water fills up the facility until it seeps into the soils or overflows into the three vertical drain pipes. The plants take up and reduce the nutrients as plant food. Oil, grease, dirt and bacteria are almost completely eliminated by the organic materials in the soil. The remaining

### **FILTERED WATER GOES INTO THE DRAIN PIPE IN GRAVEL**

under the planting soil and is discharged into an underground pipe to a near-by stream, virtually free of pollutants.

Generously funded by a grant from the Chesapeake Bay Trust to the Port Tobacco River Conservancy



#### **COMMUNITY PARTNERS**

*Their contributions made this project possible*



• Charles Soil Conservation District



• Charles County Planning and Growth Management

• Lorenzi, Dodds & Gunnill



• Town of La Plata

• Levin La Plata Limited Partnership

• La Plata Garden Club



• Port Tobacco River Conservancy



Filtered Water