

Pictures from the following web sites: www.lodi.gov and adeancar.com.

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Protecting the Vermillion River: Your Recreational Area

Part 3 – Stormwater

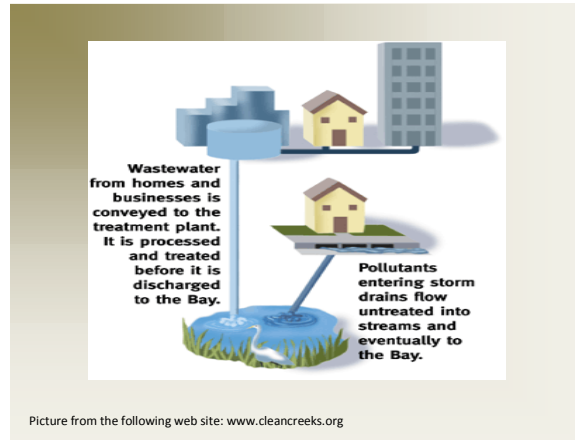
Lafayette Airport Commission
Lafayette Regional Airport



Picture from the following web site: nonpoint.deq.louisiana.gov

What is Stormwater?

Stormwater is rainwater that flows over the ground but is not absorbed into the earth instead it ends up in a storm drain or ditch.



Where do storm drains discharge?

The storm drains located throughout the city remove excess water that accumulates in concrete and asphalt areas after rain events. The water is then released into the nearest water body without treatment. The storm drains located on the airport discharge stormwater directly into the Vermillion River, which is located adjacent to the airport. A rule of thumb for storm drains is if a drain or ditch removes rainwater, it is not treated before it is discharged to your local waterway.

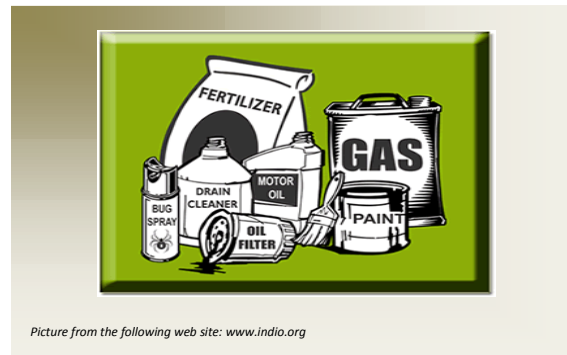


Why is managing stormwater important?

As the rainwater flows over the ground, it can pick up contaminants and debris and carry it to the nearest water body as illustrated in the photograph below.



A few examples of common contaminants that can be picked up by stormwater are bottles, cans, candy wrappers and items shown in the photograph, below.



The best way to keep debris and contaminants from entering stormwater is to properly dispose of trash and store items, such as those shown above, indoors to avoid contact with rainfall. Additionally, when utilizing items such as herbicides, pesticides, fertilizers, etc. care should be taken to insure that

they are applied according to the directions on the label to avoid over application, which can lead to excess product being washed away by rainfall and discharged into the nearest water body.

BAYOU VERMILION TRASH AND DEBRIS TOTALS			
	Barrels (55 gal)	Large Items	Tires
2012	902.5	450	178
2011	790	322	190
2010	834	731	454
2009	1148.5	502	310
2008	975.5	545	365
2007	1013	587	239

Info from the following web site: <http://www.bayouvermillondistrict.org/bayou-vermillon-district/operations/trash-debris-management.html>

Summary

1. Stormwater is rain water that is not absorbed into the earth but instead ends up in the storm drainage system;
2. Remember that only rainwater should enter a storm drain;
3. Store items such as paints, oils, fertilizers, etc. under cover if possible to prevent rainwater from contacting the materials; and
4. What goes into the storm drain is discharged directly into the nearest water body without treatment.