

Lafayette Airport Commission's Stormwater Management Program

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Overview

- Background
- Stormwater Management
 Program
- Best Management Practices
- Highlights







Background

 Full-service regional airport

Former WWII military base

 Property consists of approximately 1,300 acres





Stormwater Management Program

- Lafayette Airport Commission recognized as co-permittee
- The audience is the flying public and tenants
 - 400,000 flow through airport annually
 - Portion likely to have impact on Stormwater Quality
 - Facilities with discharge permits
- Theme Protecting the Vermillion River Your Recreational Area







Stormwater Management Program

- Storm Sewer Maps
 - Kept up to date
 - Construction Specification requiring inspections after construction projects that affect drainage system
- BMP Inventory
 - track: BMP type,
 location, discharging
 waterbody and number
 of acres treated





Stormwater Management Program Regulatory Mechanism

- Non Traditional MS4
 - Legal Authority
 - Tenants
 - Tenant Lease Language
 - Lease Environmental Policy
 - Contractors
 - Contract Language
 - Construction Environmental Requirements



Stormwater Management Program



- Additional Permits and Plans
 - MSGP Stormwater
 Discharges Associated with
 Industrial Activities
 - Exterior Vehicle Wash
 Wastewater Permit
 - Construction Stormwater
 Discharges Permits
 - SPCC Plan







Minimum Control Measures

- BMP development
 - Look at what you are already doing and use this as BMPs
 - Permits
 - Requirements
 - Your own policies
 - Place the BMP under all relevant MCMs







- Brochures/Displays
 - MCMs:
 - Education and Outreach
 - Involvement and Participation
 - Illicit Discharge
 - Construction
 - Post Construction

Protecting the
Vermillion River:
Your Recreational Area
Fast ST-MISC. Fast
Management Early Limits
Ladgetin Regards August





Dissolved Oxygen



Surveys

- MCMs:
 - Education and Outreach
 - Involvement and Participation
- Webpage
 - MCMs:
 - Education and Outreach
 - Involvement and Participation
 - Construction
 - Post Construction







Inspections

- MCMs:
 - Education and Outreach
 - Involvement and Participation
 - Illicit Discharge
 - Construction
 - Post Construction
 - Pollution Prevention and Good Housekeeping

Training

- MCMs:
 - Education and Outreach
 - Involvement and Participation
 - Illicit Discharge
 - Construction
 - Post Construction
 - Pollution Prevention and Good Housekeeping













- General Environmental Requirements
 Summary for Contractors
 - Developed for >5ac, between 1 and 5
 ac sites and sites that do not require
 permitting
 - Include a SWPPP Checklist and an example inspection form
 - MCM:
 - Construction and Post Construction
- SWPPP and NOI Review and Approval
 - Contractors are not allowed to disturb any soil until the SWPPP is approved
 - MCM:
 - Construction



	Summary Checklist		
	Lafayette Airport Commission		
ni.	Lafayette Regional Airport locurrent is a summus of some of the requirements of the LDEG Valer Discharge Permit that the LAC has found to give the		
~	onstruction sites. This document in no way takes the place of or summarises all the requirements of the LDEQ Valer Dischar	ge Gen	m M
		Yes	1
1	Is the SWP3 signed?	Т	Г
2	Will a notice be posted at the site entrance or local public building with the		T
	following info:		
	Name and Phone # of the local contact person,		
	The LPDES Permit number and a copy of the NOI,		L
	A brief description of the project, and	-	L
	The location of the SWP3?	\vdash	L
3	Is a Site Description, which contains the following included in the SWP3:		
	The potential pollutant sources,		L
	An estimate of the runoff coefficient for the pre and post construction conditions,		
	Data describing soil,		Г
	Construction activity,		
	Intended sequence of major soil disturbance activities,		Γ
	Total site area and total area expected to be disturbed, and		L
	Pre and post construction runoff coefficient?		L
	Does the SWP3 contain a general location map?		Γ
5	Does the SWP3 contain a site map detailing the following:		Γ
	Drainage patterns,		L
	Approx slopes anticipated after grading,		
	Areas of soil disturbance,		L
	Areas which will not be disturbed,		
	The location of the structural and nonstructural controls identified in the SWP3		
	The location of areas where stabilization practices are expected to occur,		Г
	Location of offsite materials,		Γ
	Location of waste,		Γ
	Borrow or equipment storage areas,		Γ
	Locations of surface waters, and		Γ
	Locations where storm water is discharged to a surface water body?		Ľ
6	is the location and description of any discharges associated with industrial activity		Г
	included in the SWP3?		

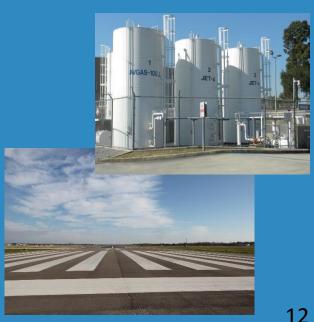


Annual Tenant Environmental Training	-
The Airport's SWPPP and SPUC Plan require that training be given to Tenants and Airport Staff. The	
training event was hold in December 2016. Click here to view a copy of the training presentation.	
Construction Site Stormwater Pollution Prevention Program	-
This program is to help contractors adequately implement the requirements of their construction	laura -
stormwater discharge permit and provide requirements for contractors that are not required to obtain a	
pormit. Heliow are beinful links for contractors with links to permits, notices and summaries of	ALCOHOL: N
environmental requirements that should be net during a construction project.	Billion and book
Construction General Permit for construction site with less than 5 ac and greater than 1 ac of expose	d soil
 Small Construction Activity Completion Report 	
 Construction General Permit for construction site with greater than 5 ac of caposed still 	
Notice of Intent	
 Notice of intension. 	
 Airport Nummaries of Environmental Requirements for Confractors 	
Contractor Environmental Heavirements Summary	
. Empiroamental Haquirements for Canstruction Sites with Greater Than One but Less Than Five.	Arres of exposed soil
 Environmental Requirements Summary for Construction Sites with Greater Than Five Acres of 	in size
 Construction Site Stormwater Pollution Prevention Plan Requirements Checklist 	
 Example Construction Site Inspection Form 	
Building, Equipment, and Vehicle Washing Information	
The airport has a Louisiana Department of Environmental Quality (LDFQ) Discharge of Exterior Whicle War	sh Water Fermit which
allows tenants and airport staff to wash vehicles and equipment only in certain areas of the airport. A map	showing the locations
of the permitted washing areas is provided in the bulow link. The permit sets certain requirements that m	sust be asset to conduct
washing in these areas. Enochures detailing washing requirements can be found in the informational brook	hure section of this
page.	
Wash Arms Location Map	
Contractors working at the airport conducting activities such as pressure washing utilizing any additives of	ir noaps must be
permitted with the LDFQ. A detailed discussion of environmental requirements for contractors working on	airport property is
included in the Construction Site Stormwater Pollution Prevention Program section of this page. Lenants of	conducting activities
such as building or stationary equipment washing using scap should also have a permit with the LIDEQ if the	he water will discharge
to any storm drain, citch, etc. Information on the required permit is provided below. Part I Section A of the	Discharge of Exterior
Vehicle Wash Water Permit discusses the arthities to which the permit applies.	
 I DEQ Parmit I ACTA0000 Discharge of Exterior Vehicle Wash Water 	
Formit Application	



- Regulatory Review
 - Review construction project plans and specifications
 - MCM:
 - Construction and Post Construction
- **Plans and Permits**
 - SPCC Plan,
 - Industrial SWPPP and
 - Vehicle/Equipment Wash Water **Discharge Permit**
 - MCM:
 - Illicit Discharge Detection, **Construction and Post** Construction

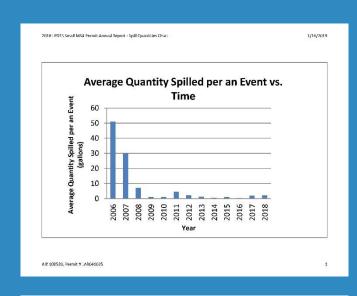


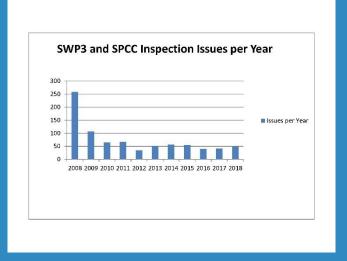




Highlights

- >80% decline in issues noted during tenant inspections.
- Spill discovery and response has gone from responsible party leading the response for 30% of spills to 95% of the spills.
- Average quantities spilled per a year has reduced from 50 gallons to 2 gallon
- Substantial attitude, knowledge, and compliance







Highlights

- Environmental requirement summaries
- Construction meeting
- High Fives
- Program Theme
- Knowledgeable Environmental Staff
- Build relationships and trust
- Inspection follow through
- Other Permits







Questions?



