Lafayette Airport Commission’s
Stormwater Management Program

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October 23, 2019
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
Best Management Practices

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

- Surveys
  - MCMs:
    - Education and Outreach
    - Involvement and Participation

- Webpage
  - MCMs:
    - Education and Outreach
    - Involvement and Participation
    - Construction
    - Post Construction
Best Management Practices

- 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
Best Management Practices

• 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
Best Management Practices

• 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?