SWPPP Appendices

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APPENDIX D
LIST OF TENANT SPECIFIC POTENTIAL POLLUTANTS

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Appendix D
DEII Airport Tenants
List of Potential Pollutants

Activity	Potential Pollutants
BODE AVIATION	
Aircraft, Ground Vehicle, & Equip Fueling	Jet A, avgas, diesel, unleaded
Aircraft, Ground Vehicle, & Equip Maintenance	engine oil, hydraulic fluid, solvents
Aircraft, Ground Vehicle, & Equip Washing	aircraft washwater, degreaser
Aircraft, Ground Vehicle, & Equip Storage	oil, gasoline, fuel
Buildings & Grounds Maintenance	washwater, urea
Waste Handling & Disposal	waste oil, waste fuel
Equipment Cleaning/Degreasing	degreasing fluid
BERNALILLO COUNTY SHERIFF'S DEPARMTNET	
Aircraft, Ground Vehicle, & Equip Fueling	Jet A, gasoline
Aircraft, Ground Vehicle, & Equip Maintenance	engine oil, hydraulic fluid, solvents
Aircraft, Ground Vehicle, & Equip Washing	washwater
Aircraft, Ground Vehicle, & Equip Storage	oil, gasoline, fuel
Waste Handling & Disposal	waste oil, trash, batteries
ALBUQUERQUE POLICE DEPARTMENT	
Aircraft, Ground Vehicle, & Equip Fueling	Jet A, diesel, gasoline
Aircraft, Ground Vehicle, & Equip Maintenance	engine oil, hydraulic fluid, solvents
Aircraft, Ground Vehicle, & Equip Washing	polymers, waxes, soaps
Aircraft, Ground Vehicle, & Equip Storage	oil, gasoline, fuel
Waste Handling & Disposal	waste oil
AVIATION DEPARTMENT	
Aircraft, Ground Vehicle, & Equip Fueling	unleaded gasoline, diesel
Aircraft, Ground Vehicle, & Equip Storage	oil, gasoline, fuel
Aircraft, Ground Vehicle, & Equip Washing	washwater
Waste Handling & Disposal	waste oil
Buildings & Grounds Maintenance	pesticides, herbicides, fertilizers, urea, washwater
Oil/Water Separator	Oil

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APPENDIX E
EVALUATION OF NON-STORMWATER DISCHARGES

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February 27, 2018

Mr. Christopher Albrecht
Environmental Manager
City of Albuquerque
Aviation Department
P.O. Box 9948
Albuquerque, New Mexico 87119-1048

Subject: Annual Assessment of Non-Stormwater Discharges at the
Double Eagle II Airport, Albuquerque, New Mexico
CDM Smith Project No: 36361-220082-LBR.SWPPP

Dear Mr. Albrecht:

CDM Smith Inc. (CDM Smith) herein reports on a visual assessment of stormwater outfalls for the presence of non-stormwater discharges at the Double Eagle II Airport (DEII). CDM Smith mobilized to ABQ on December 1, 2017 to perform the assessment of each location where stormwater exits the Aviation Department's property.

Each stormwater outfall was observed for the presence of non-stormwater discharges and the effects of erosion were noted. The presence of discharges at stormwater outfalls provides indirect evidence of either allowable or non-allowable discharges within each ABQ drainage basin. Observations made at each outfall help direct CDM Smith and the City of Albuquerque's Aviation Department (Aviation) to which drainage basins to further evaluate for non-allowable non-stormwater discharges. A figure showing drainage basins and associated outfall locations is provided in **Attachment A**. Photographs documenting the current condition of each outfall are provided in **Attachment B**.

A summary of each outfall including an evaluation of non-stormwater discharges, materials of construction, and current condition is provided below:

- **Outfall 00A** consists of three concrete culverts with riprap installed at the culvert outlets. The riprap is no longer confined by wire mesh that was last reported in 2015. The wattle surrounding the riprap is mostly intact. The entrances to each culvert contained a significant amount of tumbleweeds, but the culverts were found to be in good condition (**Attachment B**, Photograph 1). No non-stormwater discharges were present at Outfall 00A.

- **Outfall 00B** consists of one concrete culvert with riprap installed at the culvert outlet. The outfall could not be visually verified if dry at the exit because the area was completely buried by tumble weeds (**Attachment B**, Photograph 2). However, the inlet of the culvert appeared dry so it is concluded the culvert outlet was dry as well.
- **Outfall 00C** consists of a single concrete culvert. The outfall is completely blocked by tumble weeds. Observing the outfall from standing directly on the culvert top revealed no non-stormwater discharge. Moderate litter observed on top of the tumbleweeds (**Attachment B**, Photograph 3).
- **Outfalls 00D** consists of double concrete culverts with riprap encompassed by a wattle. The riprap is no longer confined by wire mesh that was last reported in 2015. The wattle surrounding the riprap has deteriorated 90% of the original structure. The entrances to each culvert contained a significant amount of tumbleweeds, but the culverts found to be in good condition (**Attachment B**, Photograph 4). No non-stormwater discharges were present at Outfall 00D.
- **Outfall 00E** consists of double concrete culverts with riprap encompassed by a wattle. The wattle is still intact and the outfall appears to be in good condition. No non-stormwater discharges were present at Outfall 00E (**Attachment B**, Photograph 5). Minor litter observed on top of the tumbleweeds.
- **Outfall 00F** consists of double concrete culverts with riprap contained by wire mesh. The wire mesh is still present. No non-stormwater discharges were observed at Outfall 00E (**Attachment B**, Photograph 6). Minor litter observed on top of the excessive tumbleweed buildup, but the outfall appears to be in good condition.
- **Outfall 00G** consists of triple concrete culverts surrounded by riprap contained by wire mesh. Moderate tumbleweed accumulation was observed, but the outfall OOG was in good condition with no non-stormwater discharges present (**Attachment B**, Photograph 7).
- **Outfall 00H** consists of double concrete culverts with riprap at the outlets. The culverts contained no water and no non-stormwater discharges were observed (**Attachment B**, Photograph 8). Moderate tumbleweed accumulation was observed and within the tumbleweeds minor trash was observed.
- **Outfall 00I** consists of a single corrugated metal pipe (CMP), located under the former access road along the eastside of DEII's perimeter fence. The pipe exit is blocked by weeds and the pipe has sustained damage. Erosion along the embankment the pipe resides under has begun to infiltrate the pipe (**Attachment B**, Photograph 9). This could lead to the outfall being blocked off in the future through sediment accumulation if no intervention occurs. It

is recommended corrective actions are taken to repair the outfall before it becomes blocked.

- **Outfall 00J** consists of quadruple concrete culverts with riprap covered in wired mesh at the outlets. The culverts contained no water and no non-stormwater discharges were observed (**Attachment B**, Photograph 10). Moderate tumbleweed accumulation was observed only within the outlets. Ceramic tile debris was scattered in front of 2 of the 4 culverts.
- **Outfall 00K** consists of double concrete culverts with riprap covered in wired mesh at the outlets. Moderate tumbleweed accumulation was observed and within the tumbleweeds minor trash was found (**Attachment B**, Photograph 11). The culverts contained no water and no non-stormwater discharges were observed.
- **Outfall 00L** consists of five concrete culverts with riprap at the outlets covered in wired mesh. The culverts contained no water and no non-stormwater discharges were observed. The accumulation of excessive tumbleweeds was observed as tumble weeds were growing in mass from the exterior culverts to the ones in the center (**Attachment B**, Photograph 12).
- **Outfall 00M** consists of one concrete culvert with riprap installed at the culvert outlet. The overall condition of the outfall appeared to be good and no non-stormwater discharges were present at Outfall M; however, the exit of the culvert was blocked by a tumbleweed (**Attachment B**, Photograph 13).
- **Outfall 00N** consists of quadruple concrete culverts with riprap at the outlets. The culverts contained no water and no non-stormwater discharges were observed (**Attachment B**, Photograph 14). Moderate tumbleweed accumulation was observed at the outlets exits.

CDM Smith appreciates the opportunity to provide environmental consulting services for Aviation. Please contact CDM Smith at (505) 243-3200 if you have any questions or comments on this report.

Sincerely,

Amy Reed
Environmental Engineer
CDM Smith Inc.

Sarah C. Tuite, P.E.
Project Manager
CDM Smith Inc.

Attachments

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APPENDIX F
BEST MANAGEMENT PRACTICES

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Table F-1 Tenant Specific BMPs

TENANTS/ OPERATIONS	BMPs ASSIGNED	1 - Facility-Wide Best Management Practices	2- Aircraft, Vehicle and Equipment Maintenance	3 - Aircraft, Vehicle and Equipment Cleaning	4 - Aircraft, Vehicle and Equipment Storage	5- Outdoor Handling, Storage and Disposal of Waste Materials	6- Fuel Storage and Delivery	7- Building and Grounds Maintenance
AVIATION OPERATIONS								
Albuquerque Air Police Department		X	X	X	X	X		X
Bernalillo County Sheriff's Department		X	X	X	X	X	X	X
Bode Aviation		X	X	X	X	X	X	X
Double Eagle II Airport		X		X	X	X	X	X

City of Albuquerque Aviation Department

Stormwater Pollution Prevention Plan
Best Management Practices
for the
Double Eagle II Airport

Contents:

Prepared by:

CDM Smith

6001 Indian School Rd. NE, Suite 310
Albuquerque, NM 87110

BMP 1.0
Facility-Wide Best Management Practices

► *PURPOSE:*

Prevent or reduce the discharge of pollutants to stormwater from all industrial operations with potential to impact stormwater.

► APPROACH TO EXISTING FACILITY ACTIVITIES:

GOOD HOUSEKEEPING

1.01 General

- Maintain exposed areas in a clean and orderly manner.
- Take necessary steps to prevent pollutants from contacting stormwater.

1.02 Clean Exterior Equipment Surfaces

- Keep exterior surfaces of aircraft, vehicles, equipment, and containers clean by eliminating excessive amounts of external oil and grease buildup.
- Use water-based cleaning agents or non-chlorinated solvents to clean equipment, and collect and properly dispose of cleaning fluids.
- Use drum-top absorbent pads to contain small leaks.

1.03 Recycle, Reduce, and Reuse

- Identify opportunities to recycle, reclaim, and/or reuse materials to reduce the volume of materials brought in to the facility and reduce the volume of waste.
- Materials that may be recycled or reused include used oil, grease, antifreeze, brake fluid, solvents, hydraulic fluid, batteries, transmission fluid, washwater, and waste fuel.

1.04 Product Substitution

- Use biodegradable products and substitute materials with less hazardous properties where feasible.

1.05 Limit Material Inventory

- Limit inventory of materials stored on-site to reduce the magnitude of potential spills and waste generation.

1.06 Provide Security

- Utilize airport security and other appropriate personnel to routinely evaluate the facility to prevent an accidental or intentional release of materials.
- Routine patrol, improved lighting, and access control are possible measures.

► TARGETED ACTIVITIES:

- Activities not covered by other BMPs.

► TARGETED POLLUTANTS:

- Fuels, Oils, Grease
- Lavatory waste
- Potable water system flushing fluids
- Solvents
- Soaps, Detergents
- Battery Acid
- Paint

► KEY APPROACHES:

- Keep outside areas maintained
- Store materials and equipment inside to the extent practical
- Conduct preventative maintenance
- Conduct regular inspections
- Train employees in stormwater pollution prevention techniques
- Document stormwater pollution prevention activities
- Maintain and Post Spill Response Plans

MINIMIZE EXPOSURE OF POLLUTANTS TO STORMWATER

1.07 Storm-Resistant Shelters

- Where practicable, industrial materials and activities should be protected by a storm-resistant shelter to prevent exposure.

PREVENTATIVE MAINTENANCE

1.08 Maintain As-built Drawings

- Maintain as-built prints for all projects.

1.09 Design for Pollution Prevention

- Work with design and construction project managers to incorporate stormwater management features into project design.
- Evaluate existing facilities for opportunities to improve functionality and efficiency, and decrease the potential for stormwater pollution.
- Features may include:
  - Appropriate surface grading
  - Containment and/or cover
  - Stormwater quality structures (e.g., oil/water separators, dead-end sumps, first flush diversion basins)
  - Use of concrete paving rather than asphalt
  - Fluid recycling systems
  - Waste repositories
  - Other control measures to eliminate potential material exposure to stormwater

SPILL PREVENTION AND RESPONSE

1.10 Spill Response Plans

- Post the plan in a visible location within each work area where spills are likely to occur.
- Develop and implement a Spill Prevention Control and Countermeasure (SPCC) Plan, if required under guidelines set forth in 40 CFR, Section 112.3.

1.11 Maintain Spill Response Equipment and Supplies

- Maintain adequate supplies of spill response equipment and materials in accessible locations near areas where spills maybe likely to occur, including on appropriate vehicles (maintenance vehicles, lavatory trucks, and fueling tankers) that may be likely to respond to or be involved in an incident.

1.12 Spill Containment and Response

- Immediately clean up all spills and leaks.
- **Report all spills to the Communications Center by calling (505) 842-4004.**
- Use drip pans to contain leaks and absorbent booms, mats, or other devices to contain liquid materials (washwater, fuel, etc.) and prevent them from entering the stormwater drainage system.

1.13 Procedures for Cleaning Up Spills and Leaks

- Use absorbent materials and spill control equipment for temporary and immediate control of spills and leaks of liquid materials.
- Absorbent materials can be used in conjunction with curbing to provide cleanup of small spills within a containment area.
- Collect and remove absorbent materials from area soon after use and dispose of in an appropriate manner.
- Do not hose down the area unless the washwater can be collected and disposed of through a permitted connection to the sanitary sewer.
- Hazardous waste spill response must be consistent with 40 CFR 264 and 265(RCRA).

1.14 Disposal of Collected Fluids

- Properly dispose of any collected fluids (e.g., spill fluids, or fluids collected in fuel tanks, fueling hydrant sumps, oil/water separators, etc.) according to applicable regulations.
- Vacuum equipment/trucks are recommended for collection. Always dispose of materials in an approved manner; use an approved treatment facility through a permitted connection.
- Never discharge materials outdoors or within a stormwater drainage way.

1.15 Minimizing Exposure

- Where practicable, industrial materials and activities will be protected by a storm resistant shelter to prevent exposure to rain or runoff.
- It is noted that due to the nature of the operations (routine service of jet aircraft) cover is not always practical.

ROUTINE FACILITY INSPECTIONS

1.16 Activity Inspections

- Perform frequent activity inspections to identify and eliminate non-stormwater discharges.
- Stagger inspection times to cover all work periods.

1.17 Outfall Inspections - Responsibility of the Aviation Department Only

- Perform quarterly visual inspections of discharge points to the stormwater drainage system.
- Observe uncharacteristic volumes, colors, turbidity, odors, deposition, staining, floatables, and foaming characteristics of any flow.

1.18 Inspections for Facility Upgrades

- Perform inspections during design review and project construction phases to ensure drainage, wastewater, and water supply connections are correct (no cross connections or illicit hookups).

1.19 Illicit Connections Inspections

- Perform construction phase, post-construction, and existing facility inspections to identify improper physical connections to the storm drain system from sanitary sewers, floor drains, industrial process discharge lines, and wash racks.

EMPLOYEE/CONTRACTOR TRAINING

1.20 General Employee Training

Provide the appropriate level of employee training in the following areas:

- Airport environmental policies and procedures,
- Spill response and prevention,
- Stormwater pollution prevention education,
- Right-to-know awareness training, and
- Hazardous materials management.

1.21 Stormwater Training

- Provide annual stormwater management training as required in the MSGP-2015 Part 2.1.2.8.
- Incorporate required elements in training program and maintain a log of employee attendance.

1.22 Contractor Education

- Provide construction and operational contractors and haulers with copies of pertinent BMPs.
- Require contractor/hauler adherence to BMP specifications.
- Provide contractors and subcontractors with copies of relevant BMPs during specification and bidding phases.

1.23 SPCC Training

- Provide adequate implementation training for facilities with a Spill Prevention Control and Countermeasure (SPCC) Plan, if required, developed under guidelines set forth in 40 CFR 112.3.

MANAGEMENT OF STORMWATER RUNOFF

1.24 Outdoor Water Supplies

- Limit availability of outdoor water supplies.
- Post signs at outdoor water sources identifying appropriate uses and discouraging uses that would introduce pollutants to the stormwater drainage system/receiving waters.

RECORDKEEPING AND REPORTING

1.25 Comply with Record Keeping and Reporting Requirements of the MSGP

- The record keeping and reporting requirements contained in the MSGP should be followed.

BMP 2.0
Aircraft, Vehicle and Equipment Maintenance

► PURPOSE:

Prevent or reduce the discharge of pollutants to stormwater from aircraft, vehicle, and equipment maintenance and repair, including ground vehicles and equipment painting/stripping and floor washdowns. Prevent or reduce the discharge of pollutants to stormwater drainage system by inspecting activities and discharge points that may increase the potential for discharge.

► APPROACH TO EXISTING FACILITY ACTIVITIES:

GOOD HOUSEKEEPING

2.01 Parts Cleaning and Degreasing

- Contain the use of solvents and other cleaning compounds to designated interior areas to promote safe handling and to minimize exposure to stormwater.
- Dispose of waste material regularly and properly.

2.02 Contain Drips, Leaks, and Spills

- Use drip pans when performing outdoor maintenance or use with vehicles or equipment awaiting repair.
- Use adsorbent materials at potential problem areas. Adequately collect and remove adsorbent material from the area after use and dispose of in an appropriate manner.

2.03 Maintain Working Areas

- Do not hose down work areas or use concrete cleaning products unless the storm drain inlets are blocked and washwater is collected and properly disposed of through a permitted sewer connection.
- As an alternative to floor/pavement washing, use mops, dry sweeping compound, or contract professional cleaning services. Confirm the use of appropriate practices by contract cleaning services.
- Store mechanical parts and equipment that may yield even small amounts of contaminants (e.g. oil or grease) indoors or under cover and away from storm drains.

2.04 Disposal of Maintenance Fluids

- Recycle or properly dispose of the following: greases, oils, antifreeze, brake fluid, cleaning solutions, hydraulic fluid, batteries, transmission fluid, and filters.
- Drain and properly dispose of all fluids and remove batteries from salvage aircraft, vehicles, and equipment. Fluid disposal shall occur regularly and properly in accordance with BMP 5.0.

► TARGETED ACTIVITIES:

- Aircraft Maintenance
- Vehicle Maintenance
- Equipment Maintenance

► TARGETED POLLUTANTS:

- Fuels, Oils, Grease
- Solvents
- Soaps, Detergents
- Battery Acid
- Paint

► KEY APPROACHES:

- Conduct maintenance indoors, or in covered area
- Prevent washwater discharges to the stormwater drainage system
- Clean catch basins regularly
- Collect and properly dispose of all fluids
- Conduct Preventative Maintenance

BMP 2.0
Aircraft, Vehicle and Equipment Maintenance

MINIMIZE EXPOSURE OF POLLUTANT TO STORMWATER

2.05 Perform Maintenance Activities Indoors

- Where practicable, perform aircraft, vehicle, and equipment maintenance activities indoors to prevent exposure of pollutants to stormwater.

SPILL PREVENTION AND RESPONSE

2.06 Preventing Pollutant Exposure When Performing Maintenance Activities

- Move activities and associated materials and waste indoors or provide appropriate controls in maintenance areas, such as cover, berms, sumps, oil/water separators or retention basins to protect stormwater drainage ways.
- Perform activities away from stormwater drainage ways.

ROUTINE FACILITY INSPECTIONS

2.07 Maintenance Area Inspections

- Perform regular inspections of equipment containing greases, oils, fuel, hydraulic fluid, antifreeze etc.
- Keep the equipment in good working order. Replace worn equipment before leaks develop.
- Notify appropriate ground service personnel if it is noticed that aircraft, vehicles, or equipment require maintenance.
- Perform regular inspections of parts washers, hydraulic lifts, or other maintenance support components.

NOTE: See BMP 1.0 for generally applicable measures related to Preventative Maintenance, Training, Runoff Management, and Record Keeping and Reporting.

►APPROACH TO FUTURE FACILITIES AND UPGRADES:

DESIGN OF NEW FACILITIES AND EXISTING FACILITY UPGRADES

- Provide covered maintenance areas when designing new facilities or upgrading existing facilities.
- Utilize indoor areas, lean-to, or portable covers.
- Locate outdoor maintenance areas so minimal quantities of runoff cross the site.
- Include appropriate stormwater quality structures (oil/water separators, sumps, first flush diversion basins, etc.) in the design of outdoor maintenance areas.

BMP 3.0
Aircraft, Vehicle, and Equipment Cleaning

►PURPOSE:

Prevent or reduce the discharge of pollutants to stormwater drains from aircraft, vehicle and equipment washing, and equipment degreasing.

►APPROACH TO EXISTING FACILITY ACTIVITIES:

GOOD HOUSEKEEPING

3.01 Washing Aircraft, Vehicles, and Equipment

- Use off-site commercial washing or "dry" washing and surface preparation techniques when possible.
- Consider dry washing as an option regardless of aircraft size.
- Remove all materials (i.e., drippings and residue) using vacuum methods and dispose of properly.
- Use biodegradable phosphate-free detergents.
- Follow an approved wash plan or use designated wash areas that are covered and/or bermed to prevent contamination of stormwater by contact with wastes.

PREVENTATIVE MAINTENANCE

3.02 Outdoor Wash Area Requirements

- Outdoor washing operations should have the following design characteristics:
  - Covered and paved and bermed with PCC.
  - Sloped to facilitate washwater collection.
  - Water is collected or discharged to the sanitary sewer.
  - Discharge piping serving uncovered wash areas should have a positive shut-off control valve.
  - Wash areas should be clearly identified with signage.
  - Equipped with an oil/water separator designed to operate under stormwater runoff conditions.

ROUTINE FACILITY INSPECTIONS

3.03 Wash Area Inspections

- Inspect wash areas for cracks or breaches to berms or concrete surfaces and repair.

► TARGETED ACTIVITIES:

- Aircraft Washing
- Vehicle Washing
- Equipment Washing
- Equipment Degreasing

► TARGETED POLLUTANTS:

- Fuels, Oil, Grease
- Solvents
- Vehicle Fluids
- Soaps, Detergents

► KEY APPROACHES:

- Use designated area
- Use dry washing techniques
- Recycle washwater or discharge appropriately
- Cover catch basins
- Provide training

MANAGEMENT OF STORMWATER RUNOFF

3.04 Use Designated Wash Areas

- Use designated areas for washing, steam cleaning, and degreasing.

NOTE: See BMP 1.0 for generally applicable measures related to Preventative Maintenance, Training, Runoff Management, and Record Keeping and Reporting.

►APPROACH TO FUTURE FACILITIES AND UPGRADES:

DESIGN OF NEW FACILITIES AND EXISTING FACILITY UPGRADES

- Consider off-site commercial washing where feasible. Using appropriate offsite facilities will decrease the waste generated on-site.
- Consider incorporating a washwater recycling system into the project design.
- Outdoor washing operations should have the following design characteristics:
  - Paved with Portland cement concrete.
  - Bermed and/or covered (if feasible) to prevent contact with stormwater.
  - Sloped to facilitate washwater collection.
  - Washwater should be collected in a dead-end sump for removal or discharged to the sanitary sewer through a permitted connection.
  - Discharge piping serving uncovered wash areas should have a positive shut-off control valve that allows switching between the storm drain and the sanitary sewer.
  - Clearly designated.
  - Equipped with an oil/water separator designed to operate under stormwater runoff conditions (treat stormwater).

BMP 4.0
Aircraft, Vehicle and Equipment Storage

►PURPOSE:

Prevent or reduce the discharge of pollutants to stormwater from outdoor storage areas (i.e., fuels, chemicals, bagged material on pallets, soils or asphalt material bulk storage, deicing compounds, etc.).

► TARGETED ACTIVITIES:

- Fuel, Chemical, Equipment Storage
- Cargo Handling

► TARGETED POLLUTANTS:

- Fuel, Oils, Grease
- Solvents
- Hydraulic Fluid
- Soaps, Detergents
- Deicing, Anti-Icing Fluids

► KEY APPROACHES:

- Store materials indoors or under cover
- Store drums and containers on pallets
- Provide berming or secondary containment
- Drain fluids before storage
- Perform and document periodic inspections
- Designate storage areas away from stormwater drainage ways

►APPROACH TO EXISTING FACILITY ACTIVITIES:

GOOD HOUSEKEEPING

4.01 Aircraft, Vehicles, and Equipment Storage

- Use drip pans or specially-designed absorbent pads to contain releases.
- Repair leaks in an expeditious manner.
- Store aircraft, vehicles, and equipment in an area established to contain any incidental leaks and under cover, if possible.
- For long term storage (>30 days), remove fluids and salvage batteries (which often drip oil and other fluids).
- Clean oil, grease or chemical residue off exterior surfaces prior to long term storage.
- Store aircraft, vehicles, and equipment away from stormwater drainage ways.

4.02 Temporary Parking of Tanker Trucks and Materials Transport Vehicles

- Designate areas for parking tanker trucks and material transport vehicles where spills and leaks can be contained and cleaned.
- Use covered loading and unloading areas for transfer of potential pollutants (especially liquid materials), such as building overhangs, to reduce exposure of materials, vehicles, and equipment to stormwater.

►APPROACH TO FUTURE FACILITIES AND UPGRADES:

DESIGN OF NEW FACILITIES AND EXISTING FACILITY UPGRADES

- Require the use of appropriate water quality control structures for fuel and chemical storage areas such as detention/retention basins and sumps.
- Develop appropriate minimum performance standards for these water quality control structures and implement a reporting program to monitor the performance and maintenance of these structures.
- Chemical, fuel, and oil dispensing (non-aircraft) areas should be covered, if possible.
- Develop standard guidelines for the management of stormwater which collects in secondary containment areas.

NOTE: See BMP 1.0 for generally applicable measures related to Preventative Maintenance, Training, Runoff Management, and Record Keeping and Reporting.

BMP 5.0
Outdoor Handling, Storage and Disposal of Waste and Materials

►PURPOSE:

Prevent or reduce the discharge of pollutants to stormwater from loading and unloading of material and cargo. Prevent or reduce the discharge of pollutants to stormwater from waste handling and disposal by tracking waste generation, storage, and disposal; reducing waste generation and disposal through source reduction, re-use, and recycling; and preventing run-on and runoff from waste management areas, including garbage collection areas.

►APPROACH TO EXISTING FACILITY ACTIVITIES:

GOOD HOUSEKEEPING

5.01 Material and Waste Handling

- Transfer, use, and store liquid materials only in paved areas.
- Designate central storage locations where materials are contained (i.e., diking, curbing, secondary containment, etc.) and covered to prevent contact with stormwater runoff and to reduce the risks of accidental spills.
- Segregate wastes to improve handling and promote recycling.

5.02 Dispensing Liquids

- Dispensing materials from upright drums equipped with hand pumps is preferred.
- Avoid dispensing from drums positioned horizontally in cradles.
- Always use secondary containment and self-closing spigots if dispensing from horizontally positioned drums.

5.03 Signage for Storage Locations

- Post signs at all storage locations in clearly visible locations noting the materials stored, emergency contacts, and spill cleanup procedures.

5.04 Containers and Container Labeling

- Store all materials sealed in their original containers or containers approved for that use.
- Clearly label all containers with contents to prevent co-mingling of materials, storage of incompatibles, and improper handling, and to promote proper material handling and storage.
- Utilize required labeling procedures for storage of all hazardous wastes.
- Identify and properly dispose of all unlabeled and unknown materials.

► TARGETED ACTIVITIES:

- Cargo Handling
- Fuel and Chemical Storage
- Chemical Storage
- Equipment Storage
- Garbage Collection
- Painting and Stripping
- Aircraft Lavatory Operations

► TARGETED POLLUTANTS:

- Fuels, Oils, Grease
- Solvents
- Soaps, Detergents
- Pesticides
- Battery Acid
- Deicing Chemicals
- Miscellaneous Cargo
- Lavatory Waste

► KEY APPROACHES:

- Conduct loading and unloading under cover
- Store materials indoors or under cover
- Store empty drums, containers, tires on pallets
- Transfer materials in paved areas
- Contain and absorb leaks/spills that occur during material transfer
- Provide berming or secondary containment
- Perform and document periodic inspections
- Check loading equipment regularly for leaks

5.05 Used Battery Management

- Recycle used batteries no later than 30 days after removal to promote recycling of materials and reduction of waste.
- Store batteries on spill containment and under cover.

5.06 Used Oil Containers and Filters

- Drain and crush oil filters and containers before recycling or disposal.
- Store crushed waste in a leak-proof container.
- Contain drained items in sealed plastic bags prior to disposal.

5.07 Eliminate Bone yards

- Eliminate waste collection piles (bone yards), which tend to conceal and lead to mismanaged waste and materials.

5.08 Waste and Unusable Material Disposal

- Regularly inspect storage and work areas for unusable materials and waste that can be disposed.
- Schedule waste pickup as frequently as needed to minimize storage time and avoid overloaded containers.
- Ensure that all materials are properly characterized and disposed.

5.09 Garbage Collection (Dumpster) Area Maintenance

- Provide shelter and secondary containment for dumpsters, if possible.
- Use covered dumpsters and keep them closed and locked.
- Use only dumpsters with plugged drain holes to prevent discharge of leachate or fluids.
- Do not dispose of liquid wastes such as oils or hazardous materials into dumpsters and completely drain liquid waste containers prior to disposal of containers.
- Perform dumpster cleaning in designated areas that are bermed to contain washwater for subsequent disposal or discharge to the sanitary sewer.

5.10 Procedures for Servicing Aircraft Lavatories

- Drain the aircraft connecting hose as completely as possible into the storage tank after servicing an aircraft.
- Properly secure all hoses, valves, and equipment when transporting waste to eliminate leakage and spills.
- If possible, perform surfactant/disinfect mixing and transfers under cover.
- Utilize buckets or pans to capture leaks from aircraft lavatory access fittings.
- Immediately dump the fluids into the bulk storage tank on the service cart or truck.
- Do not hose down spills.
- Use only surfactants and disinfectants approved for discharge to the sanitary sewer system.

5.11 Disposal of Lavatory Waste

- Do not discharge lavatory waste or clean/back-flush lavatory trucks anywhere other than the Aviation Department triturator.

5.12 Procedures for Servicing Aircraft Potable Water Systems

- Perform water truck flushing operations only in designated areas.
- Collect all discharge from aircraft potable water flushing or water truck flushing containing Purine, chlorine bleach, or other chemicals and properly discharge to a permitted sanitary sewer connections or recycle the water.
- Do not perform flushing near or discharge to storm drains.

PREVENTATIVE MAINTENANCE

5.13 Outdoor Storage Area Requirements

- Outdoor storage areas should be covered, if possible.
- When selecting storage sites, avoid excessive slope, locations near stormwater drainage ways, and locations near public access areas.

SPILL PREVENTION AND RESPONSE

5.14 Preventing Pollutant Exposure During Material Transfer

- Position vehicles used for material transfer such that activities are protected from rainfall and that possible spills can be contained.
- Provide hand pumps, containment devices, and other transfer devices to facilitate material transfer.

5.15 Preventing Pollutant Exposure for Material or Waste Storage

- Move materials and waste indoors or store away from drains.
- All material stored outside, no matter how temporary, should be placed on secondary containment and under cover, if possible.
- Materials not stored under cover should be covered and exposed exterior surfaces should be clean.

ROUTINE FACILITY INSPECTIONS

5.16 Material/Waste Transfer Area Inspections

- Inspect loading/unloading areas and material use areas for repair and patching.

5.17 Material and Waste Storage Area Inspection (Containers and Tanks)

- Periodically inspect storage areas (containers and tanks):
  - Check containers for external corrosion and structural failure.
  - Check for spills and overfills due to operator failure.
  - Check for failure of piping system (pipes, pumps, flanges, couplings, hoses, and valves).
  - Check for leaks or spills during pumping of liquids or gases.
  - Visually inspect new tanks or containers for loose fittings, poor welds, and improper or poorly fitted gaskets.
  - Inspect tank foundations and storage area coatings.

5.18 Lavatory Service Equipment Inspections

- Perform regular inspections of the hose and fittings used for transferring lavatory waste.
- Keep the equipment in good working order. Replace worn equipment before leaks develop.
- Notify appropriate ground service personnel if it is noticed that aircraft lavatory fittings require maintenance.

EMPLOYEE / CONTRACTOR TRAINING

5.189 Waste Management Training

- Train employees on the proper disposal procedures for operations-derived wastes.

MANAGEMENT OF STORMWATER RUNOFF

5.20 Protect Storage Areas from Run-On and Runoff

- Protect all significant materials from rainfall, run-on, runoff, and wind dispersal.
- Options include:
  - Store material indoors or in a fully enclosed area.
  - Permanently cover an outdoor storage area with a roof, overhang, or awning.
  - Use temporary covering of polyethylene, polypropylene, or hypalon.
  - Use control measures such as berms and secondary containment.
  - Reduce the amount of material stored outdoors.

RECORD KEEPING AND REPORTING

5.21 Track Waste Generation

Characterize waste streams and maintain accurate information on waste streams using:

- Manifests,
- Bills of lading,
- Biennial reports,
- Permits,
- Environmental audits,
- NPDES discharge monitoring reports,
- SARA Title III reports,
- Emission reports,
- Data on chemical spills,
- Inventory reports,
- Emissions data, and
- Material Safety Data Sheets (MSDS).

NOTE: See BMP 1.0 for generally applicable measures related to Preventative Maintenance, Training, Runoff Management, and Record Keeping and Reporting.

BMP 6.0
Fuel Storage and Delivery

►PURPOSE:

Prevent fuel spills and leaks, and reduce their impacts to stormwater. Prevent or reduce the discharge of pollutants to stormwater during fueling operations.

►APPROACH TO EXISTING FACILITY ACTIVITIES:

GOOD HOUSEKEEPING

6.01 Vehicle Fueling Station Signage

- Fuel pumps intended for vehicular use must be posted with prominent signs stating "No Topping Off" to prevent overflow.

PREVENTATIVE MAINTENANCE

6.02 Install Fuel Tank Monitoring and Release Prevention Systems

- Provide appropriate monitoring for tanks containing fuel (i.e., level indicators and gauges, overfill protection with alarms, interstitial leak detection for double-walled tanks, and routine inspection/lockout for drainage valves for containment areas).
- Fuel dispensing equipment should be equipped with "breakaway" hose connections that will provide emergency shut-down of flow should the fueling connection be broken through movement.
- Automatic shut-off mechanisms should be in place on fuel tankers. These valves should remain in the closed position unless manually opened during fueling.

SPILL PREVENTION AND RESPONSE

6.03 Preventing Pollutant Exposure When Fueling

- Perform fueling on paved surfaces away from stormwater drainage ways.
- Avoid mobile fueling of equipment.
- Fuel equipment in designated areas, covered if possible.
- Maintain spill kits on fueling tankers.

6.04 Collection of Aircraft Fuel Samples

- Dispose of samples at designated collection sites.
- Use fire-rated containers for storage of fuel samples.

►TARGETED ACTIVITIES:

- Aircraft, Vehicle, and Equipment Fueling
- Fuel Storage

►TARGETED POLLUTANTS:

- Fuel

►KEY APPROACHES:

- Provide cover and berming or secondary containment for fueling areas
- Use absorbent materials and/or vacuum equipment for spills
- Perform and document periodic inspections
- Install proper equipment for fuel dispensing and tank monitoring to prevent spills, leaks, and overflows
- Post “No Topping Off” signs

BMP 6.0
Fuel Storage and Delivery

ROUTINE FACILITY INSPECTIONS

6.05 Fuel Storage and Handling Inspections

- Regularly inspect fueling areas and storage tanks. (Underground fuel storage tanks should be tested as required by federal and state laws.)

6.06 Fuel Spill Response Training

- Train employees performing fueling activities on the appropriate response procedures for fuel spills.

NOTE: See BMP 1.0 for generally applicable measures related to Preventative Maintenance, Training, Runoff Management, and Record Keeping and Reporting.

►APPROACH TO FUTURE FACILITIES AND UPGRADES:

DESIGN OF NEW FACILITIES AND EXISTING FACILITY UPGRADES

- Design fueling areas to prevent the runon of stormwater and the runoff of spills by employing the following approaches:
  - Cover the fueling area if possible.
  - Use a perimeter drain or slope the fueling area to a dead-end sump or oil/water separator.
  - Pave the fueling area with concrete rather than asphalt.
- If stormwater runoff from fueling areas is not collected, install an appropriately-sized oil/water separator. Regulatory agency approvals are required.
- Install and maintain vapor recovery systems where required and/or appropriate.
- New facilities shall be designed with leak detection, spill containment, and overfill protection in accordance with all federal regulations.
- Design facilities to include secondary containment where required and/or appropriate.

BMP 7.0
Building and Grounds Maintenance

►PURPOSE:

Prevent or reduce the discharge of pollutants to stormwater from building and grounds maintenance by washing and cleaning up with as little water as possible, preventing and cleaning up spills immediately, keeping debris from entering stormwater drainage ways, and maintaining the stormwater collection system.

►APPROACH TO EXISTING FACILITY ACTIVITIES:

GOOD HOUSEKEEPING

7.01 Disposal of Landscaping and Grounds Maintenance Waste

- Properly dispose of landscape waste, washwater, sweepings, and sediments.

7.02 Fire Fighting Foam Deluge System Testing Procedures

- Perform fire fighting foam testing operations only in designated areas deemed appropriate for such activities. Properly dispose of, or recycle, foam discharge.

7.03 Cleaning Interior Floors and Exterior Ground Surfaces

- Maintain clean, dry floors and exterior surfaces by methods other than hosing and washing (i.e., using brooms, shovels, vacuum cleaners, etc.).
- Do not hose down work areas to the stormwater drainage system or use concrete cleaning products unless the washwater is collected and properly disposed of through a permitted sewer connection.
- Use seals or door skirts to prevent material exposure to rainfall.

PREVENTATIVE MAINTENANCE

7.04 Grounds/Landscaping Design Considerations

- Consider the following design characteristics for grounds/landscaping design:
    - Incorporate areas of landscape into project design. (Landscape areas are pervious and will result in less runoff discharge from a site.)
    - Incorporate design considerations such as leaving or planting native vegetation to reduce irrigation, fertilizer, and pesticide needs.
    - Select landscaping plants that require little maintenance and/or pest control.
    - Incorporate stormwater detention/retention to reduce peak runoff flows and for water quality control.

►TARGETED ACTIVITIES:

- Building Maintenance
- Grounds Maintenance

►TARGETED POLLUTANTS:

- Fuels, Oils, Grease
- Pesticides, Herbicides, Fertilizers
- Sediment
- Landscape Waste

►KEY APPROACHES:

- Keep paved surfaces cleaned and swept using dry method
- Use natural and/or low maintenance landscaping
- Install and maintain oil/water separators
- Maintain Structural BMPs
- Clean catch basins regularly
- Manage use of pesticides, herbicides, fertilizers

7.05 Maintain Stormwater Control Devices and Outfalls

- Maintenance includes the following:
  - Regularly inspect and patch or repair stormwater control devices (i.e., berms, etc.) to keep them in working order.
  - Place devices such as hay bales or filter fabric over stormwater drainage culverts or at other areas to capture debris generated during construction or runway rubber removal activities.

7.06 Maintain Catch Basins

- Regularly clean any catch basins which receive runoff from a maintenance area, especially after larger storms.
- Install and maintain catch basin filter inserts that assist in the removal of oil and grease, sediments and floatables.

7.07 Fire Deluge System Design Considerations

- Design deluge (foam) testing system with the following characteristics:
- Located away from stormwater drainage ways, detection basins, or water bodies. Discharge foam waste to a sanitary sewer (industrial wastewater permitting may be required). Foam waste shall not be discharged to the stormwater drainage system or to water bodies.
- Paved with concrete or asphalt, or stabilized with an aggregate base.
- Bermed to contain foam and to prevent run-on.
- Configure discharge area with a sump to allow collection and disposal of foam.

7.08 Install Oil/Water Separators

- Either collect stormwater in areas exposed to pollutants or install an appropriately-sized oil/water separator (regulatory agency approval maybe required).
- Oil/water separators are typically used in areas where the concentrations of petroleum hydrocarbons, floatables, or sediment maybe abnormally high and source control techniques are not very effective.
- Design, sizing, and placement of oil/water separators is dependent on several factors including: tributary area, type of activity, pollutant type and concentration, and water temperature. Separators should be selected, sized and designed by a qualified engineer.

7.09 Maintain Sumps and Oil/Water Separators

- Regularly clean and maintain sump and oil/water separators. Characterize and properly dispose of cleaning waste.
- Replace oil absorbent pads as needed and always prior to the rainy season(s).
- Keep effluent shutoff valve closed during cleaning operations. Follow maintenance schedule and procedures for these activities.

7.10 Label Storm Drains

- Label storm drain inlets that they are to receive no wastes.

7.11 Minimize Pesticide, Herbicide, and Fertilizer Use

- Minimize use of pesticides, herbicides, and fertilizers. Use according to directions. Utilize integrated pest management.

ROUTINE FACILITY INSPECTIONS

7.12 Sump and oil/water separator inspection

- Regularly inspect sumps and oil/water separators to identify when preventative maintenance is needed.
- Maintain documentation of inspections.

7.13 Inspect fire fighting foam deluge system

- Regularly inspect, clean, and maintain fire fighting foam testing facility and collection sumps.
- Maintain documentation of inspections.

MANAGEMENT OF STORMWATER RUNOFF

7.14 Erosion control

- Provide landscaped areas where erosion is becoming a problem.

NOTE: See BMP 1.0 for measures generally applicable to Exposure Minimization, Spill Prevention and Response, Training, and Record keeping and Reporting.

►APPROACH TO FUTURE FACILITIES AND UPGRADES:

DESIGN OF NEW FACILITIES AND EXISTING FACILITY UPGRADES

- Incorporate areas of landscape into project design. Landscape areas are pervious and will result in less runoff discharge from a site.
- Incorporate design considerations such as leaving or planting native vegetation to reduce irrigation, fertilizer, and pesticide needs.
- Select landscaping plants which require little maintenance and/or pest control.
- Incorporate stormwater detention and/or retention to reduce peak runoff flows and for water quality control.

APPENDIX G
TRAINING RECORDS

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2017 SIGN-IN SHEETS

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Attendees List
City of Albuquerque Aviation Department
Stormwater Pollution Prevention Annual Training
July 12, 2017 1:30 PM

Name	Company/Department	Phone Number	E-mail Address
Daniel Thompson	Atlantic Aviation		
Maya Towne	Kevotherma l		
Shawn Franco	Kevotherma l		
Paul Chavez	UPS		
Bill Fell	COA AVIATION BM		
Emilie Malcomb	COA Aviation BM		
Will Taylor	API Air Support KAEG		
Mandi Venable	WN		
ART SALAS	SWA		
Mike Lawrence	PHI Air Medical		

Attendees List
City of Albuquerque Aviation Department
Stormwater Pollution Prevention Annual Training
July 12, 2017 1:30 PM

Name	Company/Department	Phone Number	E-mail Address
Jessica Robertson	Southwest / Environmental		
JEFF HARMON	COA		
Alan Walters	Southwest / Environmental		
DINO J. OTERO	SP Plus		
Tim Dowling	Main Event		
Derek Drew	COA-Aviation Dept		
FELIX L VIVIAN	COA - AVIATION		
Mariah Sanchez	ENVOY Air-AA.		
Don Lopez	Advantage/ EZ Rent A Car		
Bryan Garcia	ENVOY		

Attendees List
City of Albuquerque Aviation Department
Stormwater Pollution Prevention Annual Training
July 12, 2017 1:30 PM

Name	Company/Department	Phone Number	E-mail Address
Mylo Moraga	Aviation Airfield DE-2		
Sarah Tuite	ADM Smith		
CHRIS ALBRECHT	COA AVIATION		
Amy Reed	COMSMITH		

Attendees List
City of Albuquerque Aviation Department
Stormwater Pollution Prevention Annual Training
July 13, 2017 8:30 AM

Name	Company/Department
Cory Johnson	Eclipse Aero
Tommy Burch	U.S.P.S.
Patrick Worm	Hertz
Simon Baca	Envoy
Army Caraballo	Aviation
Nate Demar	DEMARMACHINE
Randy Chavez	COA

Attendees List
City of Albuquerque Aviation Department
Stormwater Pollution Prevention Annual Training
July 13, 2017 8:30 AM

Name	Company/Department	Phone Number	E-mail Address
ANDREW SPRING	10 TANKER		
Thomas Heinemeyer	AEROLYNX		
Steve McClung	CalFer		
Lisanne Villa	Alaska Airlines		
Lynn Judge	Eclipse Aerospace		
Ed Judd	USPS		
LISA DeMAR	DeMAR MACHINE		
Diana Wade	American Airlines		
John Binegar	American Airlines		
Joran Kiers	CABQ P&R		

Attendees List
City of Albuquerque Aviation Department
Stormwater Pollution Prevention Annual Training
October 24, 2017 1:30 PM

Name	Company/Department	Phone Number	E-mail Address
Richard Gauna	ASIG		
John Nino	Airfield maint		
Jason Evans	Hertz		
Larry Ulmer	DES		
John Singletary	ENVOY		
Rita Bibiano	Comm Ctr		
Lisanne Villa	Alaska Airlines		
Althea Gaskea	Custodial		
Gabriele Martinez	JetBlue		
Robert Lonvelin	Jet Blue		

Attendees List
City of Albuquerque Aviation Department
Stormwater Pollution Prevention Annual Training
October 24, 2017 1:30 PM

Name	Company/Department	Phone Number	E-mail Address
Margaret Falcone	G2 Secure Staff/ ALASKA AIRLINES		
Michael Saline	Global Aviation Services		
Richard Steinmetz	CABQ - AVIATION		
Dino J. Otero	SP Plus		
Ali Gallo	SP Plus		
Linda Perez	Landside Aviation		
Jorge Carrasco	Landside		
Mario Garza	Envoy/AA		
Jan Olson	Bode Aviation		
Terry Wilkinson	Swissport Fuelling		

Attendees List
City of Albuquerque Aviation Department
Stormwater Pollution Prevention Annual Training
October 24, 2017 1:30 PM

Name	Company/Department	Phone Number	E-mail Address
Joseph Ponsock	DGS/Delta		
Terry Rios	Envoy Airlines		
Brian Tuite	CBM Smith Trainer		

Attendees List
City of Albuquerque Aviation Department
Stormwater Pollution Prevention Annual Training
October 25, 2017 8:30 AM

Name	Company/Department	Phone Number	E-mail Address
Michael March	NWS		
Alex Maestas	Swissport		
MARK Roth	Phi Air med		
Michael Conlon	FedEx Express		
Cole Cope	Atlantic Aviation		
Araceli Amor	Enterprise holdings		
Bernadette Cordero	Primeflight		
John Armijo	COA LANDSIDE		
Lars James	DELTA		
Johnathan Tackett	Envoy Airlines		

Attendees List
City of Albuquerque Aviation Department
Stormwater Pollution Prevention Annual Training
October 25, 2017 8:30 AM

Name	Company/Department	Phone Number	E-mail Address
Marcial Ortega	ASIG		
ERIC RUSSELL	FEDEX		
David Meeks	Prime flight		
Carlos Ornelas	Aviation Custodial		
Earl Alexander	PrimeFlight		
RANDY CHAVEZ	COA - AIRFIELD		
Vanessa Williams	QuickFlight/FQ		
THOMAS HEINEMEYER	AEROLYNX		
JEFF HUDSON	MATHESON Flight		
CHRIS ALBRECHT	AVIATION		

Attendees List
City of Albuquerque Aviation Department
Stormwater Pollution Prevention Annual Training
October 25, 2017 8:30 AM

Name	Company/Department	Phone Number	E-mail Address
Sarah Tuite	CDM Smith (TRAIN		
Trevin Heisey	CDM Smith		

2016 TRAINING SIGN-IN SHEETS

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Attendees List
City of Albuquerque Aviation Department
Stormwater Pollution Prevention Annual Training
June 21, 2016 1:30 PM

Name	Company/Department	Phone Number	E-mail Address
Sarah Tuite	COM Smith		
CHRIS ALBRECHT	CoA AVIATION		
FELIX L VIVIAN	COA AVIATION		
JASON EVANS	Hertz		
PATRICK NOONE	HERTZ		
Chris FAVA	CoA		
TODD SIMMS	AMERIFLIGHT		
John Binegar	American		
JERAN VIERS	COA		
ROBERT LONVELIN	JETBLUE AIRWAYS		

Attendees List
City of Albuquerque Aviation Department
Stormwater Pollution Prevention Annual Training
June 21, 2016 1:30 PM

Name	Company/Department	Phone Number	E-mail Address
GABRIELLE MARTINEZ	JetBlue Airways		
Craig Torres	Prime Flight / United		
Jacob Quintero	Primeflight / United		
Mylo Moraga	Aviation Dept. - Double Eagle II		

Attendees List
City of Albuquerque Aviation Department
Stormwater Pollution Prevention Annual Training
June 21, 2016 1:30 PM

Name	Company/Department	Phone Number	E-mail Address
Joey Gutierrez	Amerijet		
Tim Dowling	Main Event		

Attendees List
City of Albuquerque Aviation Department
Stormwater Pollution Prevention Annual Training
June 23, 2016 9:00 AM

Name	Company/Department	Phone Number	E-mail Address
Alison Martin	Vertical Limit Aviation		
Lisa DeMar	DeMar Machine		
Richard Gauna	ASIG		
Matt Stebleton	Alaska/GZ Services		
Araceli Amor	Enterprise Holdings		
Roger Clark	EHI		
Michael Carlon	FedEx		
Trinnie Ctlner	Aviation Custodian		
Sarah Tuite	CDM Smith		

Attendees List
City of Albuquerque Aviation Department
Stormwater Pollution Prevention Annual Training
June 23, 2016 9:00 AM

Name	Company/Department	Phone Number	E-mail Address
Margaret Falcone	GZ Secure Staff		
Will Taylor	APD Air Support		
Dillon Lawler	Delta Global Services		
Maja Towne	Geothermal		
Edwi Alexander	Prime Flight		
Michael Cordova	Prime flight		
Tommy Burch	U.S.P.S.		
Ed Juddo	USPS		
Kelly Easterling	Primeflight		
Mandi Venable	Southwest.		

Attendees List
City of Albuquerque Aviation Department
Stormwater Pollution Prevention Annual Training
June 23, 2016 9:00 AM

Name	Company/Department	Phone Number	E-mail Address
Daniel Thompson	Atlantic Aviation		
Randy Chavez	C of A - Airfield		
Nathan Demar	Demar Machine		
Art Salvan	Southwest		
Gabriel Urtiaga	Matheson Flight Extenders		
Connie Saul	Alaska Airlines		
John Nunn	COA Airfield		
Henry Pabon	Fedex		

Attendees List
City of Albuquerque Aviation Department
Stormwater Pollution Prevention Annual Training
October 19, 2016 1:30 PM

Name	Company/Department	Phone Number	E-mail Address
Army Karaballo	Aviation		
Chris FAVA	Aviation		
Dustin Dauflous	CABQ Ops		
DINO J. Otero	SP Plus		
JOHN MCCAULOY	BCSO MASU		
Charles Tuberville	BCSO		
Johnny Abeyta	Aviation Airfield Maint.		
Larry Ulmer	DGS		
Rudy García	Aviation		
FRED DEGUIO	ALASKA AIRLINES/G2 SECURE STAFF		

Attendees List
City of Albuquerque Aviation Department
Stormwater Pollution Prevention Annual Training
October 19, 2016 1:30 PM

Name	Company/Department	Phone Number	E-mail Address
Marcial Ortega	ASIG		
Charlie Steele	Eclipse Aerospace		
Michael Zang	SWA		
MARK Roth	Phi Air Med		
CHAD BURCHINOFF	BOUTIQUE AIR		
Connie Saul	Alaska Airlines		
Josh Harris	BCSO MASU		
Joshua Lovato	COA		
Jerome Salazar	COA Airfield Maint.		
Myla Moraga	City of Albuq.		

Attendees List
City of Albuquerque Aviation Department
Stormwater Pollution Prevention Annual Training
October 19, 2016 1:30 PM

Name	Company/Department	Phone Number	E-mail Address
Greg Larson	CDM Smith		
Chris Albrecht	COA Aviation		

Attendees List
City of Albuquerque Aviation Department
Stormwater Pollution Prevention Annual Training
October 20, 2016 8:30 AM

Name	Company/Department	Phone Number	E-mail Address
ANDREW SPRING	10 TANKER		
Michael Conlon	FedEx		
NATHAN DEMAR	DEMAR MACHINE		
LISA DEMAR	DEMAR MACHINE		
Alegna Verlacnik	PrimeFlight		
JAN OISTAD	BODE AVIATION		
John Singleton	Envoy Air		
Diana Wade	AA		
Lara Glover	Envoy Air		

Attendees List
City of Albuquerque Aviation Department
Stormwater Pollution Prevention Annual Training
October 20, 2016 8:30 AM

Name	Company/Department	Phone Number	E-mail Address
Michael Murch	NWS		
WILLIAM HACHARD	SWISSPORT		
ERIC RUSSELL	FEDEX		
LARS JAMES	DELTA		
Earl Alexander	Prime Flight		
DAN JARAMILLO	AIRFIELD		
SIMON BRICE	ENVOY		
John Ingro	Avis Budget Group		
Greg Larson	CDM Smith		
Chris Albrecht	COA Aviation		

Attendees List
City of Albuquerque Aviation Department
Stormwater Pollution Prevention Annual Training
December 8, 2016 9:00 AM

Name	Company/Department	Phone Number	E-mail Address
Ray Michael	URS / Plant Engineering		
Mac Lawrence	PHI Air Medical LLC		
Michael Saine	Global Aviation		
Chris Byres	CSI Aviation		
SARAH TUITE	CDM SMITH		
CHRIS ALBRECHT	COA AVIATION		
CONNOR KELLEY	CDM SMITH		

Attendees List
City of Albuquerque Aviation Department
Stormwater Pollution Prevention Annual Training
December 8, 2016 9:00 AM

Name	Company/Department	Phone Number	E-mail Address
~~Jason Lawrence~~	~~PHI Air Medical LLC~~		
Steve McClung	Cutter		
Marco Collado	10 Tanker		

2015 TRAINING SIGN-IN SHEETS

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Attendees List
City of Albuquerque Aviation Department
Stormwater Pollution Prevention Annual Training
June 18, 2015 9:00 AM

Name	Company/Department	Phone Number	E-mail Address
Jeff Palmer	Fraspaer		
Vince Marez	COA		
NATHAN DEMAR	DEMAR MACHINE		
Ed Judd	USPS		
Jeri Loucks	South Agro, INC.		
FELIX L VIVIAN	COA		
Dwayne R Romero	COA		
Rick Garduño	COA		
Charlie Steele	ECLIPSE AEROSPACE		
ROBERT LONVELLIN	JETBLUE AIRWAYS		

Attendees List
City of Albuquerque Aviation Department
Stormwater Pollution Prevention Annual Training
June 18, 2015 9:00 AM

Name	Company/Department	Phone Number	E-mail Address
Alexander Maestas	Swissport Fueling		
Will Taylor	Albuq. Police Dept. Air Support Unit		
Eric Russell	FEDEX		
Michael Conlon	Fedex		
Mal Lawrence	PHI Air Medical		
Marco Collado	10 Tanker		
Gareth Reynolds	Southwest		
Dino J. Otero	S P Plus		
Ali Gallo	SP Plus		
Steve McClung	Cutter		

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Attendees List
City of Albuquerque Aviation Department
Stormwater Pollution Prevention Annual Training
June 18, 2015 9:00 AM

Name	Company/Department	Phone Number	E-mail Address
Tommy Burch	United States Postal Serv.		
Jessi Rowden	Cutter Aviation		
Chris FAVA	AVIATION		
Jim Day	SWA		
Byron Lucas	C.O.A- Aviation		
DOUG LUTZ	C.O.A AVIATION LANDSIDE		
Rudy Garcia	COA Aviation Bldg Maint		
Daniel Thomson	Atlantic Aviation		
Rebecca Stansifer	City of ABQ - OPS		
Mark Connell	Kiewit Thermal		

Attendees List
City of Albuquerque Aviation Department
Stormwater Pollution Prevention Annual Training
June 18, 2015 9:00 AM

Name	Company/Department	Phone Number	E-mail Address
Sarah Tuite	CDM Smith (TRAINEE)		
Chris Albrecht	Aviation		
Michaela Rempkowski	CDM Smith (Trainer)		

Attendees List
City of Albuquerque Aviation Department
Stormwater Pollution Prevention Annual Training
November 4, 2015 1:30 PM

Name	Company/Department	Phone Number	E-mail Address
JAN OISTAD	BODE AVIATION		
Chris Byres	CSI Aviation		
Colin Crim	Ameriflight		
Jason Evans	HERTZ		
Jason Sinks	SWA		
ROBERT LONVELIN	AO SUP JETBLUE		
Cole Cape	Atlantic Aviation		
Sarah Tuite	CDM Smith		
Rebecca Stansifer	Aviation OPS		

Attendees List
City of Albuquerque Aviation Department
Stormwater Pollution Prevention Annual Training
November 4, 2015 1:30 PM

Name	Company/Department	Phone Number	E-mail Address
Connie Sawi	Alaska Airlines		
Brandon Visokay	Hertz		
Gareth Reynolds	SWA		
GABRIELLE MARTINEZ	JETBLUE AIRWAYS		
Crystal Gallegos	Bode		
LARS JAMES	DELTA/110		
Don Lopez	Advantage Rent A CAR		
Chuck Steele	ECLIPSE/ASTROSTAR		
Daniel Thompson	Atlantic Aviation		

Attendees List
City of Albuquerque Aviation Department
Stormwater Pollution Prevention Annual Training
November 4, 2015 1:30 PM

Name	Company/Department	Phone Number	E-mail Address
MIKE MEDLEY	AVIATION DEII		
Jessi Rowden	Cutter Aviation		
Paul Chavez	UPS		
Ray Michael	UPS		
Larry Ulmer	Delta / DES		
DINOJ. Otero	SP Plus		
Will Taylor	APD Air Unit		
Richard Gaona	ASIG		
Margaret Falcone	GZ / ALASKA		
Mark Connell	Kevothermal		

Attendees List
City of Albuquerque Aviation Department
Stormwater Pollution Prevention Annual Training
November 5, 2015 8:30 AM

Name	Company/Department	Phone Number	E-mail Address
Keith Windham	Boutique Air, Inc.		
Ruben Ramirez	Advantage /Paramount		
Michael Cordova	United /primeflight		
Earl Alexander	Prime Flight		
Ed Juddo	US Postal Service		
Kelly Easterling	Primeflight Aviation		
Michael Conlon	FedEx Express		
John Ni[illegible]	COA Airfield maint		
Araceli Amar	Enterprise holding		
Matt Stebleton	Alaska Airlines		

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Attendees List
City of Albuquerque Aviation Department
Stormwater Pollution Prevention Annual Training
November 5, 2015 8:30 AM

Name	Company/Department	Phone Number	E-mail Address
JAMES DUGGAN	AEROLYNX		
Alex Maestas	Swissport Fueling		
WILLIAM HocHARD	SWISSPORT FUELING		
Steve McClury	Cutter		
Tommy Burch	United States Postal Servic		
MARCO COLLAO	10 TANKER AIR		
Johnny Harris	Vertical Limit Aviation		
~~John Miur~~ *	~~COA Airfield maint~~		
JEFF Hudson	MATHESON Flight Extenders		
Vince Saavedra	BUILDING MAINT		

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Attendees List
City of Albuquerque Aviation Department
Stormwater Pollution Prevention Annual Training
November 5, 2015 8:30 AM

Name	Company/Department	Phone Number	E-mail Address
Rosalia Mirab	Envoy		
John Binajan	American		
Mark Turner	Bldg Maint		
NATHAN DEMAR	DEMAR MACHINE		
Vince Miller	COA		

Attendees List
City of Albuquerque Aviation Department
Stormwater Pollution Prevention Annual Training
December 16, 2015 1:30 PM

Name	Company/Department	Phone Number	E-mail Address
MARIO R Gutierrez	City of Albuquerque		
Brian Gates	City of Albuquerque		
David Naranjo	City of Albuquerque		
Chris Fan	City of Albuquerque		
Rosalia Rodriguez	City of Albuquerque		
ARTURO GALVAN	SOUTHWEST		
Jeri Loucks	South Aero, INC		
DiannaSolano-Savage	City of Albuq		
Daniel Lujan	City of Alb.		
Byron Lueras	City of Alb.		

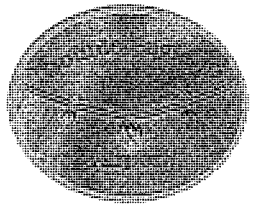
Attendees List
City of Albuquerque Aviation Department
Stormwater Pollution Prevention Annual Training
December 16, 2015 1:30 PM

Name	Company/Department	Phone Number	E-mail Address
Henry Pabon	Fedex		
Charles Tyberwhite	Bernalillo County Sheriff		
FELIX L VIVIAN	COA - AVIATION		
Roger Clark	EHI		

Attendees List
City of Albuquerque Aviation Department
Stormwater Pollution Prevention Annual Training
December 16, 2015 1:30 PM

Name	Company/Department	Phone Number	E-mail Address
Stephen Chacon	City of Albuquerque		
Efrain Madrid	COA Parks and Rec		
Allan Herrera	COA Parks and Rec.		
Francella S. Moya	COA Parks and Rec		
Judith Romero	COA Parks and Rec		
Janet Martinez	COA Parks & Rec		
Damion Garcia	COA Parks & Rec		
Thomas Vargas, Jr	COA, P&R, Park Mgmt		
Wayne Romero	COA Custodial		
Michael Conlan	FedEx		

Attendees List
City of Albuquerque Aviation Department
Stormwater Pollution Prevention Annual Training
December 16, 2015 1:30 PM



Name	Company/Department	Phone Number	E-mail Address
Michael Murch	NWS		
Chris Arberry	AVI		
Sarah Tuite	CDM SMITH		
Amy Reed	CDM Smith		