

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
NEW MEXICO STATE POLICE	
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

APPENDIX E

EVALUATION OF NON-STORMWATER DISCHARGES

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October 23, 2020

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: 36361-251421

Dear Mr. Albrecht:

CDM Smith Inc. (CDM Smith) is pleased to provide the City of Albuquerque Aviation Department (Aviation) with this Annual Assessment of Non-Stormwater Discharges for the Double Eagle II Airport (DEII). CDM Smith, together with Aviation, performed a visual assessment of stormwater outfalls for the presence of non-stormwater discharges at DEII on October 6, 2020.

As described in Table 1, DEII includes three drainage basins and a total of 14 outfalls where stormwater exits the DEII property. Nine of the 14 stormwater outfalls determined to be representative of non-stormwater discharges from DEII were assessed for the presence of non-stormwater discharges. The condition of each outfall was also assessed. Presence of discharges at stormwater outfalls provides indirect evidence of either allowable or non-allowable discharges within each DEII drainage basin. Observations made at each outfall help direct future DEII inspection efforts by CDM Smith and Aviation. A figure identifying the three drainage basins and associated outfall locations is provided in **Attachment A**. Photographs documenting the current condition of each outfall are provided in **Attachment B**.

Table 1 DEII Drainage Summary

Drainage Basin	Outfalls	Receiving Water
NB	00H	Rio Grande
SB	00B	
	00C	
	00D	
	00E	
SB	00F	
	00G	
	00I	
MH	00A	



Mr. Christopher Albrecht

October 23, 2020

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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 outfall was dry, with no standing or flowing water (**Attachment B, Photograph 1**). The entrances to each culvert contained a minor amount of tumbleweeds. The culverts were found to be in good condition.
- **Outfall 00B** consists of one concrete culvert with riprap installed at the culvert outlet. The outfall was dry, with no standing or flowing water (**Attachment B, Photograph 2**). The outfall area contained a moderate amount of tumbleweeds. The culvert was found to be in good condition. It is recommended that Aviation remove the tumbleweed buildup.
- **Outfall 00C** consists of a single concrete culvert with riprap installed at the culvert outlet. The outfall was dry, with no standing or flowing water (**Attachment B, Photograph 3**). The outfall has a moderate amount of tumbleweeds. The culvert was found to be in good condition. It is recommended that Aviation remove the tumbleweed buildup.
- **Outfall 00D** consists of double concrete culverts with riprap. The outfall was dry, with no standing or flowing water (**Attachment B, Photograph 4**). The entrances to each culvert contained a minor amount of tumbleweeds. The culverts were found to be in good condition.
- **Outfall 00E** consists of double concrete culverts with riprap. The culvert outlets had minor tumbleweed buildup. The outfall was dry, with no standing or flowing water (**Attachment B, Photograph 5**). The culverts were found to be in good condition.
- **Outfall 00F** consists of double concrete culverts with gabions in place at the outlet. The wire mesh is still present and in good condition. The outlets contained a moderate amount of tumbleweed accumulation. The outfall was dry, with no standing or flowing water (**Attachment B, Photograph 6**). The culverts were found to be in good condition. It is recommended that Aviation remove the tumbleweed buildup.
- **Outfall 00G** consists of triple concrete culverts surrounded by riprap contained by wire mesh. The wire mesh is still present and in good condition. A moderate amount of tumbleweed accumulation was observed. The outfall was dry, with no standing or flowing water (**Attachment B, Photograph 7**). The culverts were found to be in good condition. It is recommended that Aviation remove the tumbleweed buildup.
- **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**). The culverts were found to be in good condition. Significant sedimentation and tumbleweed accumulation were observed. It is recommended that Aviation remove sedimentation and the tumbleweed buildup.



Mr. Christopher Albrecht
October 23, 2020
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- **Outfall 00I** consists of a single corrugated metal pipe, located under the former access road along the eastside of DEII's perimeter fence. Significant sedimentation and tumbleweed accumulation were observed (**Attachment B, Photograph 9 and 10**). It is recommended that Aviation remove sedimentation and tumbleweed buildup.

At some outfalls, the amount of tumbleweeds buildup along with sedimentation accumulation, particularly at Outfall 00H and 00I make it difficult to observe the outfall points for non-stormwater discharges and sample the outfalls for visual monitoring. It is recommended that the excessive tumbleweed and sedimentation accumulation be removed at the outfalls as described herein.

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,

A handwritten signature in blue ink, appearing to read "Jing Liao".

Jing Liao
Project Engineer
CDM Smith Inc.

A handwritten signature in blue ink, appearing to read "Dacia Tucholke".

Dacia Tucholke
Project Manager
CDM Smith Inc.

Attachments:

Attachment A Drainage Plan
Attachment B Photograph Log

cc: file

**ATTACHMENT A
DRAINAGE PLAN**

XREFs: [DOUBLE EAGLE OUTFALLS, BASEMAP-DOUBLE-EAGLE] Images: [DblEagle, DblEagle-C, DblEagle-D, DblEagle-E, DblEagle-F, DblEagle-G, DblEagle-H]
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pw:\lpw.cdmsmith.com:PW_PL1\36361\220082\03 Reports and Studies\09 CADD Figures and Graphics\DOUBLE EAGLE\FIG-4_DE_DRAINAGE.dwg

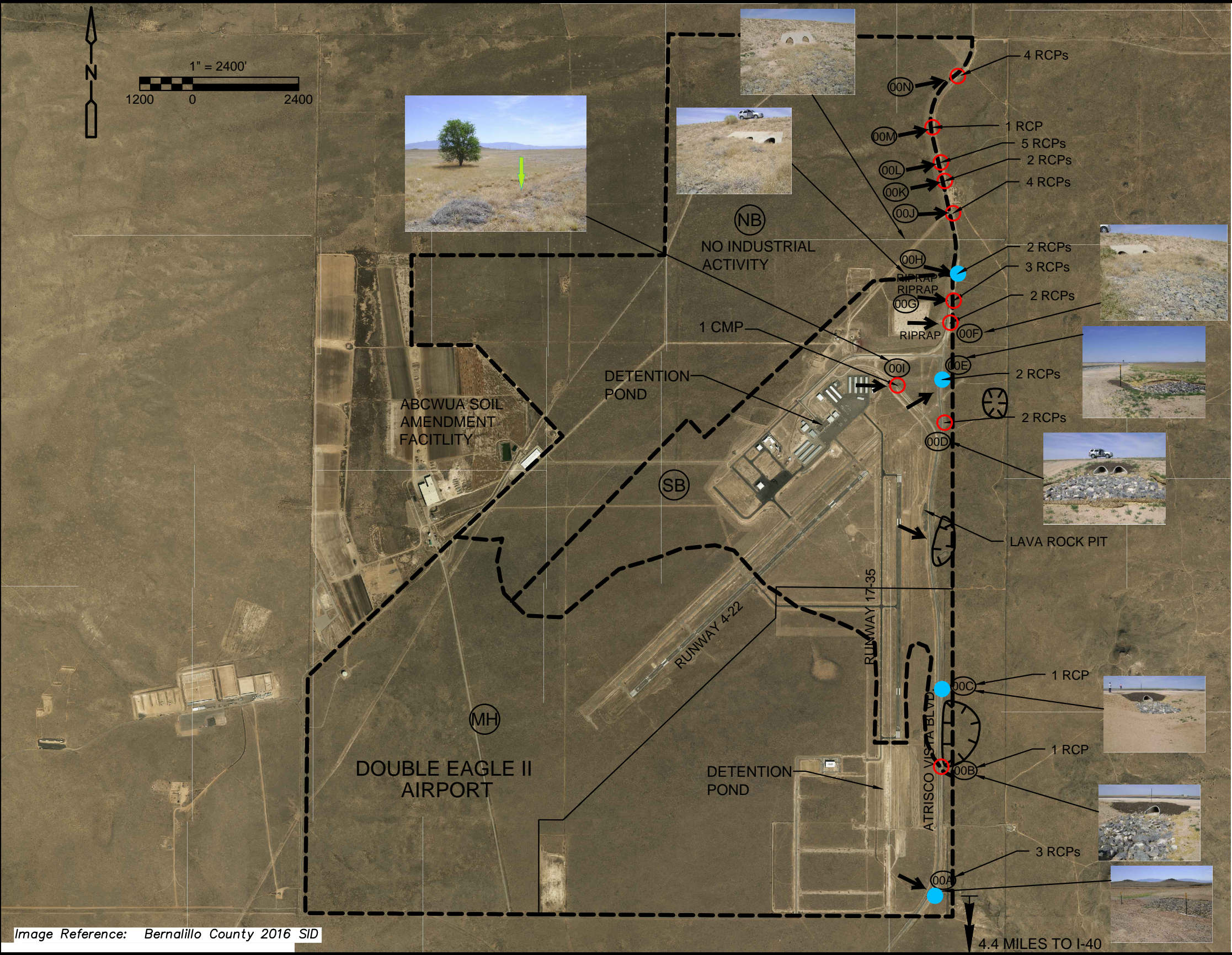
LEGEND

- (NB) STORMWATER BASIN TITLES
- (00A) OUTFALL ID #
- OUTFALLS/MONITORING POINTS WITH ID #
- SUBSTANTIALLY IDENTICAL OUTFALLS
- ← DIRECTION OF STORMWATER FLOW AT OUTFALLS
- ⊗ INTERNAL DRAINAGE FEATURE (PLAYA)
- - - DRAINAGE BASIN BOUNDARY

OUTFALL LOCATIONS

- (00A) SLIGHTLY NORTH OF SHOOTING RANGE SIGN (35°7'34.98"N, 106°47'09.58"W)
- (00B) SLIGHTLY SOUTH OF RUNWAY, ACADEMY TO WEST (35°8'03.92"N, 106°47'08.09"W)
- (00C) SOUTH OF LAVA ROCK PIT, RUNWAY TO WEST (35°8'21.32"N, 106°47'07.97"W)
- (00D) SOUTH OF INTERSECTION (35°9'21.05"N, 106°47'07.67"W)
- (00E) SOUTH OF INTERSECTION (35°9'30.70"N, 106°47'08.33"W)
- (00F) NORTH OF INTERSECTION (35°9'43.46"N, 106°47'06.22"W)
- (00G) NORTH OF INTERSECTION (35°9'48.39"N, 106°47'05.37"W)
- (00H) NORTH OF INTERSECTION, SOUTH OF BEND IN ROAD (35°9'54.46"N, 106°47'04.26"W)
- (00I) ALONG OLD ROAD, SITUATED BETWEEN TWO TREES (35°9'29.35"N, 106°47'20.59"W)
- (00J) ALONG ATRISCO VISTA (35°10'07.99"N, 106°47'05.67"W)
- (00K) ALONG ATRISCO VISTA (35°10'15.21"N, 106°47'07.96"W)
- (00L) ALONG ATRISCO VISTA (35°10'19.36"N, 106°47'09.05"W)
- (00M) ALONG ATRISCO VISTA (35°10'27.21"N, 106°47'11.38"W)
- (00N) ALONG ATRISCO VISTA (35°10'38.75"N, 106°47'04.55"W)

NOTE: CMP = CORRUGATED METAL PIPE
RCP = REINFORCED CONCETE PIPE



DOUBLE EAGLE II AIRPORT
STORMWATER POLLUTION PREVENTION PLAN

Figure No. 4
Drainage Plan
May 2018



ATTACHMENT B
PHOTOGRAPH LOG



DATE: October 6, 2020
EVENT: Annual Dry-Weather Assessment of Non-Stormwater Discharges
INSPECTOR: Jing Liao & Dacia Tucholke (CDM Smith),
Chris Albrecht & Rachel Harding (Aviation)

**DOUBLE EAGLE II AIRPORT
INSPECTION PHOTOGRAPH LOG**

STORMWATER OUTFALLS



Photograph 1: Outfall 00A is triple concrete culvert. No flow was observed. Minor tumbleweed accumulation.



Photograph 2: Outfall 00B is a single concrete culvert. Tumbleweed accumulation was moderate. Outfall was observed to be dry.



DATE: October 6, 2020

EVENT: Annual Dry-Weather Assessment of Non-Stormwater Discharges

INSPECTOR: Jing Liao & Dacia Tucholke (CDM Smith),
Chris Albrecht & Rachel Harding (Aviation)

**DOUBLE EAGLE II AIRPORT
INSPECTION PHOTOGRAPH LOG**

STORMWATER OUTFALLS



Photograph 3: Outfall 00C is a single concrete culvert. Moderate tumbleweed accumulation. Dry, no flow.



Photograph 4: Outfall 00D is a double concrete culvert. Minor tumbleweed accumulation. Dry, no flow.



DATE: October 6, 2020

EVENT: Annual Dry-Weather Assessment of Non-Stormwater Discharges

INSPECTOR: Jing Liao & Dacia Tucholke (CDM Smith),
Chris Albrecht & Rachel Harding (Aviation)

**DOUBLE EAGLE II AIRPORT
INSPECTION PHOTOGRAPH LOG**

STORMWATER OUTFALLS



Photograph 5: Outfall 00E is a double concrete culvert. Minor tumbleweed accumulation. Dry, no flow.



Photograph 6: Outfall 00F is a double concrete culvert. Moderate tumbleweed accumulation. Dry, no flow.



DATE: October 6, 2020

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INSPECTOR: Jing Liao & Dacia Tucholke (CDM Smith),
Chris Albrecht & Rachel Harding (Aviation)

DOUBLE EAGLE II AIRPORT
INSPECTION PHOTOGRAPH LOG

STORMWATER OUTFALLS



Photograph 7: Outfall 00G is a triple concrete culvert. Moderate tumbleweed accumulation. Dry, no flow.



Photograph 8: Outfall 00H is a double concrete culvert. Moderate sedimentation and tumbleweed accumulation. Dry, no flow.



DATE: October 6, 2020
EVENT: Annual Dry-Weather Assessment of Non-Stormwater Discharges
INSPECTOR: Jing Liao & Dacia Tucholke (CDM Smith),
 Chris Albrecht & Rachel Harding (Aviation)

**DOUBLE EAGLE II AIRPORT
 INSPECTION PHOTOGRAPH LOG**

STORMWATER OUTFALLS



Outfall
001

Photograph 9: Outfall 001 is a metal pipe culvert. Significant tumbleweed accumulation.



Photograph 10 Close-up view of Outfall 001. Significant sedimentation accumulation. Dry, no flow.

APPENDIX F

BEST MANAGEMENT PRACTICES

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City of Albuquerque Aviation Department

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



Contents:

- BMP 1 – Facility-Wide Best Management Practices
- BMP 2 – Aircraft, Vehicle, and Equipment Maintenance
- BMP 3 – Aircraft, Vehicle, and Equipment Cleaning
- BMP 4 – Aircraft, Vehicle, and Equipment Storage
- BMP 5 – Outdoor Handling, Storage, and Disposal of Waste and Materials
- BMP 6 – Fuel Storage and Delivery
- BMP 7 – Building and Grounds Maintenance

Prepared by:



6001 Uptown Blvd. 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 into 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, wash water, 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



BMP 1.0

Facility-Wide Best Management Practices

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 may be 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.

BMP 1.0

Facility-Wide Best Management Practices



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 (wash water, 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 wash water 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.



BMP 1.0

Facility-Wide Best Management Practices

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

1.21 Stormwater Training

- Provide annual stormwater management training as required in the MSGP-2021 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 wash water 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 wash water 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 wash water 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 wash water or discharge appropriately
- Cover catch basins
- Provide training



BMP 3.0

Aircraft, Vehicle, and Equipment Cleaning

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 wash water 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 wash water collection.
 - Wash water 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, de-icing compounds, etc.).

► 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.

► TARGETED ACTIVITIES:

- Fuel, Chemical, Equipment Storage
- Cargo Handling

► TARGETED POLLUTANTS:

- Fuel, Oils, Grease
- Solvents
- Hydraulic Fluid
- Soaps, Detergents
- De-icing, 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

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
- De-icing 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

BMP 5.0

Outdoor Handling, Storage and Disposal of Waste and Materials



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 wash water 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.

BMP 5.0

Outdoor Handling, Storage and Disposal of Waste and Materials



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 connection 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.

BMP 5.0

Outdoor Handling, Storage and Disposal of Waste and Materials



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

5.19 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, | - SARA Title III reports, |
| - Bills of lading, | - Emission reports, |
| - Biennial reports, | - Data on chemical spills, |
| - Permits, | - Inventory reports, |
| - Environmental audits, | - Emissions data, and |
| - NPDES discharge monitoring reports, | - 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 shutdown 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 run-on 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 overflow 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, wash water, sweepings, and sediments.

7.02 Fire Fighting Foam or Deluge (water) System Testing Procedures

- Perform firefighting foam testing operations only in designated areas deemed appropriate for such activities. Properly dispose of, or recycle, foam discharge. Document quantities used for testing, dates of testing, and all other information related to discharge of foam.

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 wash water 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

BMP 7.0

Building and Grounds Maintenance



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 Fighting Foam or Deluge (water) System Design Considerations

- Design 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.
- There are two types of oil/water separators:
 - American Petroleum Institute (API) separator and
 - Coalescing plate separator (CPS).
- 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.

BMP 7.0

Building and Grounds Maintenance



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 firefighting foam or deluge (water) system

- Regularly inspect, clean, and maintain firefighting 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.

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
New Mexico State Police Department		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

APPENDIX G

TRAINING RECORDS

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2020 SIGN-IN SHEETS

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Date	Name	Organization	Email	Date Emailed
October 29, 2020	Erik Castaneda-Mendez	Primeflight GSW		11/4/2020
October 29, 2020	Eric Russell	FedEx		11/4/2020
October 29, 2020	Matthew Peterson	City of Albuquerque		11/4/2020
October 29, 2020	Robert Burrus	10 Tanker		11/4/2020
October 29, 2020	Jessi Rowden	Cutter Aviation		11/4/2020
October 29, 2020	Thomas Heinemeyer	Aerolynx		11/4/2020
October 29, 2020	Dillin De La Torre	Primeflight GSW		11/4/2020
October 29, 2020	Carlos Herrera	10 Tanker		11/4/2020
October 29, 2020	Ted Flores	10 Tanker		11/4/2020
October 29, 2020	Diana Canales	AA		11/4/2020
October 29, 2020	Mike Conlon	FedEx		11/4/2020
October 29, 2020	Linda Romero	Landside Operations		11/4/2020
October 29, 2020	Margaret Falcone	G2		11/4/2020
October 29, 2020	John Binegar	American Airlines		11/4/2020
October 29, 2020	Simon Baca	Envoy Air		11/4/2020
October 29, 2020	Rick Garduno	City of Albuquerque		11/4/2020
October 29, 2020	William Taylor	City of Albuquerque		11/4/2020
October 29, 2020	John E. Johnston III	Southwest Airlines		11/4/2020
October 29, 2020	Albert Pacheco	City of Albuquerque		11/4/2020
October 29, 2020	Sherry Buckman	Landside Operations		11/4/2020
October 29, 2020	Daniel Thompson	Atlantic Aviation		11/5/2020
October 29, 2020	Edward Juddo	US Postal Service		11/5/2020
October 29, 2020	John Ingro	Avis Budget Group		11/5/2020
October 29, 2020	Paul Chavez	UPS		11/5/2020
October 29, 2020	Matthew Olguin	Cutter Aviation		11/5/2020
October 29, 2020	Steve McClung	Cutter Aviation		11/5/2020
October 29, 2020	Caleb Cionelo	Worldwide Flight Services - Allegiant Air		11/5/2020
October 29, 2020	Jessica Robertson	Southwest Airlines		11/5/2020
October 29, 2020	Dwight Koehn	National Weather Service		11/5/2020
October 29, 2020	Corbin Jewell	Delta Airlines		11/5/2020
October 29, 2020	Robert Lonvelin	Jetblue Airways		11/5/2020
October 29, 2020	Jan Olstad	Bode Aviation		11/5/2020

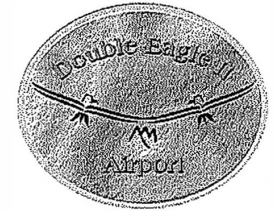
October 29, 2020	Joshua Schaff	PHI air Med		11/5/2020
October 29, 2020	Chris Albrecht	CABQ Aviation		11/5/2020
October 29, 2020	Richard Steinmetz	Landside Operations		11/5/2020
October 29, 2020	Tom Ford	PHI air med		11/5/2020
October 29, 2020	Jacob Arellano	Swissport		11/5/2020
October 29, 2020	Chris Rea	New Mexico State Police		11/5/2020
October 29, 2020	Richard McCurley	City of Albuquerque		11/5/2020
October 29, 2020	Steve Petty	City of Albuquerque		11/5/2020
October 29, 2020	Haley Brown	UPS		11/5/2020
October 29, 2020	Jeri L. Loucks	South Aero		11/5/2020
October 29, 2020	Earl Alexander	United Ground Express		11/5/2020
October 29, 2020	Bernadette Cordero	United Ground Express		11/5/2020
October 29, 2020	Gilbert Romero	City of Albuquerque		11/5/2020
October 29, 2020	Mylo Moraga	City of Albuquerque		11/5/2020
October 29, 2020	Alfred Martinez	City of Albuquerque		11/5/2020
October 29, 2020	Bill Fill	City of Albuquerque		11/5/2020
October 29, 2020	Terry Rios	Envoy		11/5/2020
October 29, 2020	Tommy Burch	USPS		11/5/2020
October 29, 2020	Cesar Andazola	Swissport Fueling		11/5/2020
October 29, 2020	Michael Rios	Swissport Fueling		11/5/2020
October 29, 2020	Dino Otero	SP plus		11/5/2020
December 8, 2020	Raquel Griego	EAN Holdings		12/10/2020

2019 TRAINING SIGN-IN SHEETS

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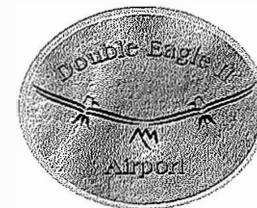
Attendees List
City of Albuquerque Aviation Department
Stormwater Pollution Prevention Annual Training
~~July 10~~ June 20, 2019 8:30 AM to 10:00 AM (Aviation Press Room)



Name	Company/Department	Phone Number	E-mail Address
MATT Olguin	CUTTER Aviation		
Terry Bies	Envoy		
John Singletary	Envoy		
DINO J. Otero	sp plus		P1
Jason Evans	Hertz		
Earl Alexander	United Ground Express		
Joran Viers	COA Parks & Rec		
Simon Bach	Envoy	4	
Lisa DeMan	DeMan Machine		
David Meeks	Prime flight		C4



Attendees List
City of Albuquerque Aviation Department
Stormwater Pollution Prevention Annual Training
July 10 - June 20, 2019 8:30 AM to 10:00 AM (Aviation Press Room)



Name	Company/Department	Phone Number	E-mail Address
Larry Tonna	BCSO MASH		
Bernadette Cordero	U.G.E.		
Michael Rios	Swissport		
[REDACTED] Arellano	Swissport		swissport
Cesar Andazola	Swissport	E	
Cole Cyn	Atlantic		
Scott Gwiazda	COA Aviation - Sunport		
Theodore Flores	10 Tanker Carrier ^{Air}	-1	



July 10

~~June 20~~, 2019 8:30 AM to 10:00 AM (Aviation Press Room)

Attendees List

City of Albuquerque Aviation Department
Stormwater Pollution Prevention Annual Training



Name	Company/Department	Phone Number	E-mail Address
Steve McCling	Cutter		
KEVIN BARNETTE	UPS		
JAN OISAND	BONE AVIATION		
ERIC ROSSEN	FEDEX		
Michael Canton	FedEX		
Daniel Thompson	Atlantic Aviation	505	
Natasha Wilkerson	Enterprise Holding		
CHRIS ALBRECHT	AVIATION		



Attendees List
City of Albuquerque Aviation Department
Stormwater Pollution Prevention Annual Training
July 11th, 2019 10:30 AM to 12:00 PM (Aviation Press Room)



Name	Company/Department	Phone Number	
Jeri L. Loucks	South Aero, Inc		
Derek Drew	COA-Aviation		
Ferry Wolkowen	MONZIE'S AVIATION		
John Binagar	American Airlines		
Paul H. Findley	Co Tanker Air Carrier		
ROBERT BURRUS		300749-45926	ker
Mark Cavazos	Hertz		
Lachelle Fritsche	Hertz		
Rick Garduno	C.O.A aviation		
Ed Juddo	USPS		



July 11, 2019

10:30-12:00

Attendees List

City of Albuquerque Aviation Department

Stormwater Pollution Prevention Annual Training

~~June 19, 2019 1:30 PM to 3:00 PM (Aviation Press Room)~~



Name	Company/Department		
Randy Chavez	COA		
Tommy Burch	U.S. P.S		
Robert Lonvelin	JET BLUE	Bos	/
Monique Keyes	Quickflight/Frontier		
Ashley Garcia	Frontier		
John Ingro	Air's Budge Group		
Paul "Rudy" Martinez	Southwest Airlines		
Jane Lucero	COA-Aviation		
Will Taylor	APD Air Support		
Mylo Mavaga	DE-2 AVIATION		



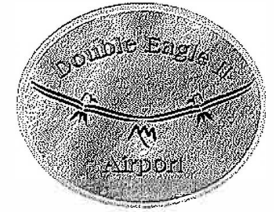
July 11 2019

10:30-12:00

Attendees List

City of Albuquerque Aviation Department
Stormwater Pollution Prevention Annual Training

~~June 19, 2019 1:30 PM to 3:00 PM~~ (Aviation Press Room)



Name	Company/Department	Phone Number	E-mail Address
Mark Montoya	CSI Aviation		
Shawn Franco	Kevothermal LLC	5-2	



Attendees List
City of Albuquerque Aviation Department
Stormwater Pollution Prevention Annual Training
December 9th, 2019 8:30 AM to 10:00 AM (Aviation Press Room)

Name	Company/Department	Phone Number	E-mail Address
Vince Smedna	Aviation COA		
JAN OISTAD	BOULDER AVIATION		
Lynn Judge	EAI		
CORY Johnson	EAI		
Mark Turner	Aviation / Bldg Maint		



Attendees List
 City of Albuquerque Aviation Department
 Stormwater Pollution Prevention Annual Training
 December 10th, 2019 1:30 PM to 3:00 PM (Aviation Press Room)

Name	Company/Department	Phone Number	E-mail Address
Dillon Delatare	Global Aviation Services		
John Johnston	SWA		
DAVID Duncan	NWS		
Byron Lleras	C.O.A. DMD Engineering		
DINO Otero	SP plus		
Thomas Heinemeyer	AEROLYNX		
Lisanne Villa	Alaska		
Margaret Falcone	GA Secure Staff		
Linda Romero	Aviation Landside		
Lars James	DATA		



Attendees List
City of Albuquerque Aviation Department
Stormwater Pollution Prevention Annual Training
December 10th, 2019 1:30 PM to 3:00 PM (Aviation Press Room)

Name	Company/Department	Phone Number	E-mail Address
Jason Pettis	COA/Aviation Build. Maint.		
Charles Tuberville	Bernalillo County Sheriff		
Shellie Eaton	COA/DMD		
Andrew Gee	COA/Aviation Landside		
Kenny Ulmer	DGS		
Robert Conwell	AA		
Caleb Cionelo	Worldwide/G4		
Hailey Brown	UPS		
Don Lopez	Advantage RAC		
John Russo	Enterprise Rental		



Attendees List
City of Albuquerque Aviation Department
Stormwater Pollution Prevention Annual Training
December 10th, 2019 1:30 PM to 3:00 PM (Aviation Press Room)

Name	Company/Department	Phone Number	E-mail Address
MARK Roth	PHI		
Michael Archuleta	CABQ		
JORDAN SEAY	BCSO/MASU		
VERMA VILLEGAS	CABQ DMD		
Ali Gallo	SP Plus		
Diana Canales	AA		
Serg Carrasco	CABQ		
Nyku Allen	CABQ		
Matthew Clark	COA		

2018 TRAINING SIGN-IN SHEETS

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Attendees List
City of Albuquerque Aviation Department
Stormwater Pollution Prevention Annual Training
June 26, 2018 1:30 PM to 3:00 PM (Aviation Press Room)



Name	Company/Department	Phone Number	E-mail Address
Loran Drellack	Swissport Fueling		
ANDREW SPRENG	10 TANKER		
Jessica Robertson	Southwest Airlines		
Aristote Mpinga	Aviation		
Nick Kinnard	Envoy		
SIMON BACA	Envoy		
RANDY CHAVEZ	COFA - AIRFIELD		
COBBIN JEWELL	DELTA		
Robert Conwell	AA		
Don Lopez	Advantage RAC EZ RAC		



Attendees List
City of Albuquerque Aviation Department
Stormwater Pollution Prevention Annual Training
June 26, 2018 1:30 PM to 3:00 PM (Aviation Press Room)



Name	Company/Department	Phone Number	E-mail Address
KEVIN BARNETTE	UPS		
Michael Saline	Global Aviation		
Ali Gallo	S.P.Pluss		
DINO S. Otero	S.P.Plus		
TERRY WILKINS	MENZIES AIRLINE		
Terry Rios	Envoy Airlines		
ART GALVANI	SOUTHWEST		
Will Taylor	APD Air Support		7
Diana Canales	AA		
John Binegar	AA		



Attendees List
City of Albuquerque Aviation Department
Stormwater Pollution Prevention Annual Training
June 28, 2018 9:00 AM to 10:30 AM (Aviation Press Room)



Name	Company/Department	Phone Number	E-mail Address
Tommy Borch	US.P.S		
Eric Russell	FEDEX		
MATT OLGUIN	Cutter Aviation		
Steve McClung	Cutter		
Lynn Judge	EAL		
Alex Macstus	Swissport Fueling		
MARIO GARZA	Envoy		
John Singletary	Envoy		
Shawn Franco	Kevothermal LLC		
Mylo Maraga Chp	DE-2		



Attendees List
City of Albuquerque Aviation Department
Stormwater Pollution Prevention Annual Training
June 28, 2018 9:00 AM to 10:30 AM (Aviation Press Room)



Name	Company/Department	Phone Number	E-mail Address
MARK ROTH	Ph:		
Michael Conlan	FedEx		
Earl Alexander	United Ground Express		
FELIX L VIVIAN	AVIATION		
CORT Johnson	Eclipse Aerospace		
LISA DEMAR	DEMAR MACHINE		
ROBERT LOUVEIN	JETBLUE AIRWAYS		
David Meeks	Prime Flight		
Margia Towne	Aviation		
John Ingu	Avis Budget RAC		



Attendees List
City of Albuquerque Aviation Department
Stormwater Pollution Prevention Annual Training
June 28, 2018 9:00 AM to 10:30 AM (Aviation Press Room)



Name	Company/Department	Phone Number	E-mail Address
Krisel Miramantes	United Ground Express		



Attendees List
City of Albuquerque Aviation Department
Stormwater Pollution Prevention Annual Training
October 30, 2018 1:30 PM to 3:00 PM (Aviation Press Room)



Name	Company/Department	Phone Number	E-mail Address
Dillon Delatorre	Global Aviation Services		
Teri L. Loucks	South Aero, Inc		
Linda Saavedra	COA - Landside Parking		
Dominic Garcia	COA - Landside parking		
Albert Pacheco	COA land side		
Charles Tiberville	BCSO		
LARRY TOWNA	BCSO		
Amy Reed	CDMSMITH		



Attendees List
City of Albuquerque Aviation Department
Stormwater Pollution Prevention Annual Training
October 30, 2018 1:30 PM to 3:00 PM (Aviation Press Room)



Name	Company/Department	Phone Number	E-mail Address
Chris Albreccht	COA Aviation		
Johnathan Tackett	Envoy		
Danny Brooks	Hertz		
Gary Sandoval	COA - DMD		
Shellie Eaton	COA - DMD		
Byron Lueros	COA - DMD		
Justin Muniz	COA - DMD		



Attendees List
City of Albuquerque Aviation Department
Stormwater Pollution Prevention Annual Training
October 30, 2018 1:30 PM to 3:00 PM (Aviation Press Room)



Name	Company/Department	Phone Number	E-mail Address
Larry Wilson	DGS		
Danish Thompson	Atlantic Aviation		
CHAD GURCHINOFF	BOUTIQUE AIR		
MARK MONTONA	CSI AVIATION		
TERRY WILKINSON	WENZERS AVIATION		
Joseph Ponsock	DGS		
Lars James	Delta		
Gabrielle Martinez	JetBlue		



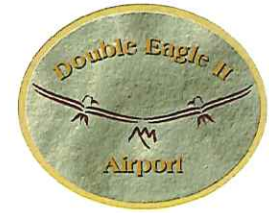
Attendees List
City of Albuquerque Aviation Department
Stormwater Pollution Prevention Annual Training
October 31, 2018 8:30 AM to 10:00 AM (Aviation Press Room)



Name	Company/Department	Phone Number	E-mail Address
Margaret Falcone	BZ Secure Staff		
John Nunez	COA Avi		
Sherry Buckman	Landside - COA		
Jose Carrasco	Landside - COA		
IAN OLSTAD	BODG Aviation		
Scott Gwiazda	COA - Aviation		
Chris Albrecht	COA - Aviation		
Amy Reed	CDM Smith		
Natasha Wilkerson	Car Rental Enterprise		



Attendees List
City of Albuquerque Aviation Department
Stormwater Pollution Prevention Annual Training
October 31, 2018 8:30 AM to 10:00 AM (Aviation Press Room)



Name	Company/Department	Phone Number	E-mail Address
Marcial Ortega	Menzies		
Peter Garcia	Menzies		
TODD SHARP	AMERIFLIGHT		
Cole Cape	ATLANTIC		
Joran Viers	COA / P.M.		
John Johnston	SWA		
Laura Sandoval	COA / Custodial		
LISANNE VILLA	ALASKA AIRLINES		
Thomas Heinemeyer	DMC AEROLYNX		
Alex Maestas	Swissport		



Attendees List
City of Albuquerque Aviation Department
Stormwater Pollution Prevention Annual Training
October 31, 2018 8:30 AM to 10:00 AM (Aviation Press Room)



Name	Company/Department	Phone Number	E-mail Address
Graham Gadzia	Alaska Airlines		
MALLOREY LAWRENCE	PHI Air Medical		
CORY Johnson	Eclipse Aerospace		
David Sullivan	COA Custodial		
Trinnie Chavez	COA Custodian		
Vince McGuire	PHI AIR MED		
Maria d Condado Alaska Airlines			

