



NEW MEXICO
ENVIRONMENT DEPARTMENT
Surface Water Quality Bureau



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RAJ SOLOMON, P.E.
 Deputy Secretary

February 25, 2011

The Honorable Alfonso E. Ortiz, Jr., Mayor
 City of Las Vegas
 P.O. Box 160, 905 12th Street
 Las Vegas, New Mexico 87701

RE: Industrial Storm Water, SIC 4581, NPDES Compliance Evaluation Inspection, City of Las Vegas / Las Vegas Municipal Airport, NMU001713, February 15, 2011

Mayor Ortiz:

Enclosed, please find a copy of the report for the referenced inspection that the New Mexico Environment Department (NMED) conducted at your facility on behalf of the U.S. Environmental Protection Agency (USEPA). This inspection report will be sent to the USEPA in Dallas for their review. These inspections are used by USEPA to determine compliance with the National Pollutant Discharge Elimination System (NPDES) permitting program in accordance with requirements of the federal Clean Water Act.

Problems noted during this inspection are discussed in the Further Explanations section of the inspection report. You are encouraged to review the inspection report, required to correct any problems noted during the inspection, and to modify your operational and/or administrative procedures, as appropriate. Further, you are encouraged to notify in writing, both the USEPA and NMED regarding modifications and compliance schedules at the addresses below:

Marcia Gail Adams (6EN-AS)
 U.S. Environmental Protection Agency
 Allied Bank Tower
 Region VI Enforcement Branch
 1445 Ross Avenue
 Dallas, Texas 75202-2733

Program Manager
 New Mexico Environment Department
 Surface Water Quality Bureau
 Point Source Regulation Section
 P.O. Box 5469
 Santa Fe, New Mexico 87502

I appreciate Mr. John Aragon, Las Vegas Municipal Airport Manager's cooperation during this inspection. If you have any questions about this inspection report, please contact me at (505) 827-0418.

Sincerely,

/s/Erin S. Trujillo
 Erin S. Trujillo
 Surface Water Quality Bureau

cc: Marcia Gail Adams, USEPA (6EN-AS) by e-mail
 Samuel Tates, EPA (6EN-AS) by e-mail
 Carol Peters-Wagnon, USEPA (6EN-WM) by e-mail
 Diana McDonald, USEPA (6EN-WM) by e-mail
 Robert Italiano NMED District II Manager by e-mail
 Carlos A. Ortiz, Public Works Director, City of Las Vegas by e-mail (carlos.ortiz@ci.las-vegas.nm.us)



Form Approved
OMB No. 2040-0003
Approval Expires 7-31-85

NPDES Compliance Inspection Report

Section A: National Data System Coding

Transaction Code	NPDES										yr/mo/day					Inspec. Type	Inspector	Fac Type							
1 N 2 5 3	N	M	U	0	0	1	7	1	3	11	12	1	1	0	2	1	5	17	18	~	19	S	20	2	
Remarks																									
L A S V E G A S M U N I C I P A L A I R P O R T																									
Inspection Work Days					Facility Evaluation Rating					BI	QA	Reserved													
67 69					70 2					71	N	72	N	73			74	75							80

Section B: Facility Data

Name and Location of Facility Inspected (For industrial users discharging to POTW, also include POTW name and NPDES permit number) Las Vegas Municipal Airport, 910 Airport Road, Las Vegas, NM. From I-25, take exit 347 to NM 250, travel north to Airport Road, turn east to airport gate. San Miguel County	Entry Time /Date 0920 hrs / 02/15/2011	Permit Effective Date September 29, 2008
	Exit Time/Date 1125 hrs / 02/15/2011	Permit Expiration Date September 29, 2013
Name(s) of On-Site Representative(s)/Title(s)/Phone and Fax Number(s) John Aragon, Manager / Las Vegas Municipal Airport / 505-454-0881, Cell 429-3198 , fax 426-9743	Other Facility Data Latitude 35.652102° Longitude -105.148055°	
Name, Address of Responsible Official/Title/Phone and Fax Number Mayor Alfonso E. Ortiz, Jr., City of Las Vegas, 1700 N. Grande Avenue, Las Vegas, New Mexico 87701 / 505-454-1401 and fax 425-7335	SIC 4581	
Contacted Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> *		

Section C: Areas Evaluated During Inspection

(S = Satisfactory, M = Marginal, U = Unsatisfactory, N = Not Evaluated)

U	Permit	N	Flow Measurement	N	Operations & Maintenance	N	CSO/SSO
U	Records/Reports	N	Self-Monitoring Program	N	Sludge Handling/Disposal	N	Pollution Prevention
M	Facility Site Review	N	Compliance Schedules	N	Pretreatment	N	Multimedia
N	Effluent/Receiving Waters	N	Laboratory	U	Storm Water	N	Other:

Section D: Summary of Findings/Comments (Attach additional sheets if necessary)

- 1) City of Las Vegas (expired NPDES Tracking No. NMR05B184), operator of a transportation airport facility with vehicle maintenance and fueling activities, did not obtain coverage under the USEPA NPDES industrial stormwater 2008 Multi-Sector General Permit (MSGP) by the deadline of January 5, 2009.
- 2) An on-site Stormwater Pollution Plan (SWPPP) was prepared under the 2000 MSGP, but there was no documentation that required inspections, training, monitoring and evaluations were implemented.
- 3) See attached further explanations and photo log.

Name(s) and Signature(s) of Inspector(s) Erin S. Trujillo /s/Erin S. Trujillo	Agency/Office/Telephone/Fax NMED/SWQB/505-827-0418	Date 02/25/2011
Signature of Management QA Reviewer Richard E. Powell /s/Richard E. Powell	Agency/Office/Phone and Fax Numbers NMED/SWQB/505-827-2798	Date 02/25/2011

**City of Las Vegas Municipal Airport
Compliance Evaluation Inspection – Industrial Stormwater
NPDES Tracking No. NMU001713
February 15, 2011**

Further Explanations

Introduction

On February 15, 2011, a Compliance Evaluation Inspection (CEI) was conducted at the Las Vegas Municipal Airport by Erin S. Trujillo, accompanied by Daniel Valenta, both of the New Mexico Environment Department (NMED) Surface Water Quality Bureau (SWQB). The purpose of this inspection was to document the operator's status regarding the NPDES permit requirements for stormwater discharges associated with industrial activity under 40 Code of Federal Regulations (CFR) 122.26(b)(14) and the industrial stormwater Multi-Sector General Permit (MSGP).

Stormwater discharges from industrial activities are to the west toward an unnamed tributary, thence to the classified Pecos Arroyo (*Segment 20.6.4.221, State of New Mexico Standards for Interstate and Intrastate Surface Waters, 20.6.4 New Mexico Administrative Code (NMAC)*), thence to the Gallinas River in the Pecos River Basin. Designated uses of this segment are livestock watering, primary contact, warmwater aquatic life, and wildlife habitat.

Upon arrival at 0920 hours on February 15, 2011, the inspector made introductions, stated the purpose of the inspection and presented credentials to Mr. John Aragon, Airport Manager, Las Vegas Municipal Airport. Mr. Aragon and the inspectors toured the facility. As recommended by Mr. Aragon, some areas inside hangers and a storage building were not entered due to safety concerns associated with damaged roofs. An on-site exit interview to discuss preliminary findings was conducted with Mr. Aragon. The inspectors left the facility at approximately 1125 hours on the day of the inspection. Preliminary findings were discussed by phone with Carlos A. Ortiz, Public Works Director, City of Las Vegas on February 24, 2011.

This report is based on review of EPA's on-line notice of intent (eNOI) database, files maintained by the operator and NMED, and on-site observation by NMED personnel, and verbal information provided by the operator's on-site representative.

Clean Water Act (CWA) and Industrial Stormwater Permit Requirements

Section 301 (a) of the Federal Water Pollution Control Act states that *"Except as in compliance with this section and sections 302, 306, 307, 318, 402 and 404 of this Act, the discharge of any pollutant by any person shall be unlawful."*

Regulations in 40 Code of Federal Regulations (CFR) Part 122.21(a) Duty to apply (1) states: *"Any person who discharges or proposes to discharge pollutants...must submit a complete application to the Director in accordance with this section and part 124 of this chapter."* In 40 CFR 122.26(b)(14)(i)-(xi), eleven (11) categories of stormwater discharges associated with industrial activity are identified that require to be covered under an NPDES permit. Category Eight (viii) are transportation facilities that have vehicle maintenance, equipment cleaning, or airport deicing operations.

Storm water discharges can be regulated by either an individual or a general USEPA NPDES permit. USEPA's Storm Water Multi-Sector General Permit (MSGP) for industrial activities re-issued effective September 29, 2008 authorizes stormwater discharges from 29 sectors of industrial activity. The 29 sectors are defined by either the facility's Standard Industrial Classification (SIC) code and/or a general description of the facility's industrial activities.

Establishments primarily engaged in operating and maintaining airports and flying fields are described in SIC 4581 Airports, Flying Fields, and Airport Terminal Services (see Sector S, Appendix D of the 2008 MSGP). Part 8.S.2.1 (Limitations on Coverage) of the 2008 MSGP states, “*This permit authorizes stormwater discharges from only those portions of the air transportation facility that are involved in vehicle maintenance (including vehicle rehabilitation, mechanical repairs, painting, fueling and lubrication), equipment cleaning operations or deicing operations.*”

To obtain permit coverage for stormwater discharges, an operator must complete a Stormwater Pollution Prevention Plan (SWPPP) that among other things documents eligibility for permit coverage, and submit a Notice of Intent (NOI). If eligible, operators may also submit a No Exposure Certification to USEPA once every five years.

USEPA’s MSGP is available at http://cfpub1.epa.gov/npdes/stormwater/msgp.cfm#permit_factsheet. Also, USEPA’s industrial fact sheet series at <http://cfpub1.epa.gov/npdes/stormwater/swsectors.cfm> provides a brief summary of the NPDES industrial stormwater permitting program, the types of facilities included in that sector, a summary of typical pollutants associated with each sector, and types of stormwater control measures (best management practices or BMPs) used to minimize the discharge of those pollutants for each industrial sector.

On-site Industrial Activity Description

The facility had vehicle maintenance (e.g., mechanical repairs and lubrication) and fueling activities on site that meet the description of transportation industrial activity in 40 CFR 122.26(b)(14)(xiii) and Sector S of the MSGP. City of Las Vegas (airport authority) owns and operates the Las Vegas Municipal Airport which was constructed in 1941 with 2 runways with taxiways, a helipad, three apron areas for aircraft parking, terminal and administrative building, aircraft storage hangars and fuel facilities. City of Las Vegas Municipal Airport employees conduct aircraft fueling on aircraft aprons. Jet A and 100LL fuel, stored in separate 10,000-gallon above-ground storage tanks, is loaded to City ground fuel trucks for aircraft fueling. Also, ground vehicles refuel from two smaller gasoline and diesel above-ground tanks on-site. Light aircraft maintenance and oil change activities are mostly done in hangars according to the operator’s on-site representative. There are no anti- or de-icing activities at the facility according to the operator’s on-site representative.

Findings

City of Las Vegas submitted/certified a NOI on March 6, 2002 for the Las Vegas Municipal Airport and obtained permit coverage under the 2000 MSGP (expired NPDES Tracking No. NMR05B184). The deadline for submitting an NOI under the 2000 MSGP was December 29, 2000.

An on-site SWPPP dated December 2001 was prepared under the 2000 MSGP by ASCG Incorporated, Albuquerque, New Mexico. The facility’s 2001 SWPPP stated that training will be conducted every 12 months for spill response, good housekeeping practices and material management practices topics. There was no documentation contained in the 2001 SWPPP that the following 2000 MSGP conditions were implemented:

- Routine Facility Inspections (Part 4.2.7.2.1.5 of the 2000 MSGP)
- Employee Training (Part 4.2.7.2.1.6 of the 2000 MSGP)
- Quarterly Visual Monitoring (Part 5.1.1 of the 2000 MSGP)
- Yearly Comprehensive Site Compliance Evaluation (Part 4.9 of the 2000 MSGP)

It was also noted that the SWPPP site map did not identify the locations of storm water outfalls, approximate outline of the area draining to each outfall, and liquid storage tanks (see Parts 4.2.2.3 and 6.S.5.1 of the 2000 MSGP). Documentation of Permit Eligibility Related to Endangered Species (see Part 4.5 of the 2000 MSGP) was also not contained in the SWPPP.

City of Las Vegas did not submit a NOI or obtain authorization to discharge industrial stormwater under the 2008 MSGP. The deadline for existing dischargers covered under the 2000 MSGP to update and complete a SWPPP, and submit a new NOI was no later than January 5, 2009. An updated/completed SWPPP in accordance with the 2008 MSGP requirements had not been developed. According to the on-site operator representative, the City of Las Vegas contracted with a consultant to prepare an updated SWPPP.

Erosion and sediment controls and runoff management controls appeared to be well maintained. There was no evidence of leaks or spills at aircraft fueling areas. The facility had one spill kit on-site. However, good housekeeping and minimizing exposure control measures at the facility may not be stringent enough or properly maintained to prevent potential pollution sources from coming into contact with stormwater (see photo log).

Additional BMPs should be considered (e.g., drip pans under vehicles and equipment for the collection of fluid leaks; vehicle preventative maintenance; clearly label drums and containers; cover and properly dispose of wastes before quantities accumulate; determine if secondary containment for fuel tanks is sufficient or provide secondary containment if missing; shelter drums, barrels and similar containers from exposure from stormwater run on and runoff to prevent deterioration and leaks). Because aircraft fueling occurs throughout the apron areas of the facility, additional spill kits more readily accessible (e.g., inside ground fuel trucks) should be considered.

NMED/SWQB Official Photograph Log Photo # 1		
Photographer: Erin Trujillo	Date: 02/15/2011	Time: 1005 hours
City/County: Las Vegas / San Miguel		State: New Mexico
Location: City of Las Vegas Municipal Airport		
Subject: Staining was observed below the ground fueling vehicles in the designated parking area on the concrete apron. Photo brightness was increased for report.		



NMED/SWQB Official Photograph Log Photo # 2		
Photographer: Erin Trujillo	Date: 02/15/2011	Time: 1024 hours
City/County: Las Vegas / San Miguel		State: New Mexico
Location: City of Las Vegas Municipal Airport		
Subject: An excavated low area and earthen berm only partially surrounded this fuel tank. The on-site operator representative stated that secondary containment for this tank was being reviewed.		



NMED/SWQB Official Photograph Log Photo # 3		
Photographer: Erin Trujillo	Date: 02/15/2011	Time: 1032 hours
City/County: Las Vegas / San Miguel		State: New Mexico
Location: City of Las Vegas Municipal Airport		
Subject: No secondary containment was provided for these above-ground storage tanks. The 2001 SWPPP indicated that these smaller above-ground tanks were being phased out. The on-site operator representative stated that the tanks were still used for fueling ground equipment.		



NMED/SWQB Official Photograph Log Photo # 4		
Photographer: Erin Trujillo	Date: 02/15/2011	Time: 1033 hours
City/County: Las Vegas / San Miguel		State: New Mexico
Location: City of Las Vegas Municipal Airport		
Subject: The roof of this building is damaged and not completely storm resistant. Drums and equipment/vehicle parts are exposed to precipitation. Materials and wastes stored in this open bay building was not clean and orderly. Photo brightness increased for report.		



NMED/SWQB Official Photograph Log Photo # 5		
Photographer: Erin Trujillo	Date: 02/15/2011	Time: 1033 hours
City/County: Las Vegas / San Miguel		State: New Mexico
Location: City of Las Vegas Municipal Airport		
Subject: As previously discussed, the roof of this storage building is damaged and not completely storm resistant.		



NMED/SWQB Official Photograph Log Photo # 6		
Photographer: Erin Trujillo	Date: 02/15/2011	Time: 1034 hours
City/County: Las Vegas / San Miguel		State: New Mexico
Location: City of Las Vegas Municipal Airport		
Subject: Uncovered unlabeled bucket at open bay of the building shown in Photos #4 & #5 is exposed to precipitation. Contents were not determined.		

