



DEPARTMENT OF THE AIR FORCE
377TH AIR BASE WING (AFGSC)

ENTERED



Colonel Dawn A. Nickell, USAF
Vice Commander
377 ABW/CV
2000 Wyoming Blvd SE
Kirtland AFB NM 87117

SEP 19 2017

Mr. John Kieling
Chief, Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park Drive East, Building 1
Santa Fe NM 87505-6303

Dear Mr. Kieling:

On 14 September 2017 at 0800, a spill of approximately 133 gallons of diesel fuel was discovered from a portable generator tank failure at the "Taxiway Pad 5" construction project on Kirtland Air Force Base (AFB). Ms. Melissa Clark, Environmental Management Chief at Kirtland AFB, completed the required oral report within 24 hours of the spill at 1438 on 14 September through a voicemail to Mr. Stephen Connolly at the New Mexico Environment Department.

The Kirtland AFB Hazardous Waste Treatment Facility Operating Permit #NM9570024423 issued for the Open Detonation Unit in July 2010 (Hazardous Waste Permit) requires reporting for any release into the environment. Pursuant to Section 1.27.2 of the Hazardous Waste Permit, Kirtland AFB is required to submit a written report as detailed below:

A description of the noncompliance and its cause: The morning of 14 September at 0800, the construction contractor Barlovento, LLC, noticed diesel fuel on Taxiway Pad 5. It was determined that approximately 133 gallons of diesel fuel spilled when a silicone repair on a portable diesel generator tank failed. The portable diesel generator was delivered to the site by Ahern Rentals on 13 September at 1530 with 200 gallons of diesel in the lower tank. At approximately 1830 on 13 September, the upper generator tank was refueled with 133 gallons of diesel by AUI, Inc., a subcontractor to Barlovento, LLC. AUI, Inc. states that there was no leak present during and immediately after refueling. The head pressure from the additional 133 gallons of fuel likely caused the tank repair on the topside of the lower tank to fail. The diesel fuel was released onto the concrete pad and did not reach soil or stormwater drains.

The name, address, and telephone number of the owner, operator, and name of responsible official:

Operator: Kirtland AFB, 2050 Wyoming Blvd SE, Kirtland AFB, NM, (505) 853-1588

Owner: Kirtland AFB, 2000 Wyoming Blvd SE, Kirtland AFB, NM, (505) 846-7377

Responsible Official: Col Richard W. Gibbs, Installation Commander, Kirtland AFB

The name, address, and telephone number of the Facility:

Kirtland AFB, 2050 Wyoming Blvd SE, Kirtland AFB, NM (505) 853-1588; release occurred on Taxiway Pad 5



The period of the occurrence including exact date and time and, if the noncompliance has not been corrected, the anticipated time it is expected to continue:

The release occurred at some point after the portable generator was refueled on 13 September at 1630 and before 0800 on 14 September. Barlovento, LLC hired Southwest Abatement to remediate the spill which was completed by 1300 on 14 September.

The name and quantity of materials involved:

Diesel fuel, approximately 133 gallons.

The extent of injuries, if any:

None.

An assessment of actual or potential hazards to the environment and human health at and outside the Facility, where this is applicable:

Absorbent materials were immediately used on the area affected by the spill. The spill was contained on the concrete pad and did not reach any stormwater drains or impact any soils. The concrete pad was wet due to the watering required for the stockpiled raw construction materials. It also rained lightly during the cleanup. The raw construction materials (aggregate) adjacent to the spill were used to create small berms around the affected area to prevent potential migration from the rain. Due to the remedial actions immediately taken it does not appear that there were any hazards to the environment and human health as a result of this release. The concrete pad appears to be in good condition and the seams are intact. Since the released fuel was promptly absorbed and removed, no soil removal or sampling beneath or adjacent to the affected area is warranted.

The estimated quantity and disposition of recovered material that resulted from the incident:

Southwest Abatement was hired to clean up the spill. Absorbent materials were used to clean the concrete pad and placed into 55-gallon drums for disposal. In total, eight 55-gallon drums were taken from the site for disposal at an approved site by Southwest Abatement. A small amount of raw construction material (aggregate) was impacted by the spill and was included in the eight drums that were removed for disposal.

The steps taken or planned to reduce, eliminate, and prevent recurrence of the noncompliance:

Barlovento, LLC is the prime contractor for the Taxiway Pad 5 project. Going forward, Barlovento, LLC will inspect all rental equipment containing fuel for defects prior to accepting delivery, prior to refueling, and during refueling. A safety stand-down meeting was led by personnel from Barlovento, LLC and attended by personnel from AUI, Inc. and Ahern Rentals on 15 September to discuss the spill response lessons learned and corrective actions. Kirtland AFB will ensure that all construction contractors have procedures in place to inspect fuel containing equipment as well as refueling activities.

If you have any questions please contact Ms. Melissa Clark, Chief, Environmental Management, at 505-853-1588 or melissa.clark.8@us.af.mil.

Sincerely,


DAWN A. NICKELL, Colonel, USAF
Vice Commander

Attachment:
Photographic Documentation

Photo Documentation for Taxiway Pad 5 Construction Project – Diesel Spill – 14 September 2017



Portable diesel generator

14 September 2017

Photo taken 10:33 AM



Generator

Spill looking east to generator

14 September 2017

Photo taken 10:46 AM



Spill looking east from generator

14 September 2017

Photo taken 10:34 AM



Spill looking west from generator

14 September 2017

Photo taken 10:46 AM



Silicone patch on
topside of lower
fuel tank

14 September 2017

Photo Taken 10:49



Spill cleanup in
progress

14 September 2017

Photo Taken 11:54



Spill cleanup in progress

14 September 2017

Photo Taken 11:24



Clean up complete
14 September 2017
Photo Taken 14:59



Clean up complete
14 September 2017
Photo Taken 14:58