

Allied Aviation

SIC Codes	5171	Contact Information	
Primary Activity	Fuel Storage	Terry Munson	Ops Lead
Drainage Areas	06 , 07	P 6195747808	C 6199215694
Nearest MS4 Inlet	< 200 ft.	terry.munson@alliedaviation.com	
Address	3698 Pacific Hwy. #C San Diego, CA 92101	Nathan Nop P 6195747808 nathan.nop@alliedaviation.com	Crew - Ops

Facility Description and Activities

1. Allied Aviation main office is located in the North Ramp Area next to the ARFF station. A second "remote" fueling facility is located adjacent to the CT. An above ground OWS was installed (Jan 2013) at the remote fueling station and is functioning properly.
2. The Fuel Storage Facility has the following: - Three dual-position jet fuel unloading islands with spill containment. These pumps are used only as offload only. - Two 1,000,000-gallon jet fuel ASTs within secondary containment. - One 15,000-gallon diesel underground storage tank (UST). - One 15,000-gallon auto gas UST. - One 2,000-gallon aviation low lead gas storage. - A diesel/auto gas loading/unloading island with spill containment. - One 3,000-gallon waste fuel UST. - An equipment pad with spill containment. - A foam equipment building with a 1,500-gallon 3% aqueous foam concentrate AST. - A 12,000-gallon oil/water separator includes an 8,000-gallon holding tank to treat fuel spills.
3. The Remote Fueling Facility, operated by Allied Aviation and used by Menzies and Signature to load fuel trucks, has the following: - Five single-position refueler loading islands with spill containment. - One 12,000-gallon underground waste water tank. - One 3,000-gallon underground reclaimed fuel tank. - An underground pipeline conveying fuel from the Fuel Storage Facility.
4. A trailer unit or mini vac-truck of 250-gallon capacity is available to clean up spills, the unit is located directly outside the Allied Aviation Main Office.
5. NRC is the designated Oil Spill Response Organization (OSRO) to provide cleanup services in case of a spill.
6. Menzies trucks take Jet-A fuel at the Remote Fueling Facility and then take fuel to the gates. Jet fuel comes from 10th Avenue by an underground pipeline to two 1,000,000-gallon ASTs at the Fuel Storage Facility. An annual survey is performed on leak detection systems. Fuel is provided by Allied.
7. The only equipment maintenance performed is on the nozzle valves at the loading islands and the valves on pumps. Pipes at loading/unloading islands are painted.
8. At the Fuel Storage Facility, pig mats are placed over the storm drains that are not linked to the OWS, this is done only when there is a spill.
9. The emergency eye wash station is tested monthly and water is allowed to evaporate and does not reach the storm drain. A bermed area is created in the parking lot and all discharge goes into the drains connected to the OWS. IPS performs this task.
10. The only outdoor area that is cleaned is the concrete pad at the loading islands in the Remote Fueling Facility. The area is steam cleaned, and the discharge enters the 12,000-gallon underground wastewater tank. NRC collects and disposes of wastewater and picks up wastes.
11. The Firefighting equipment near the two 1-million gallon tanks are tested annually with water only to make sure adequate water pressure is available. The water is discharged into the storm drains. BMPs have been recommended to prevent discharge carrying any potential pollutants into the storm drain.
12. At the foam house, the test ports inside the house are used to test the water to foam ratio. No foam discharge is created in the process. During all equipment and facility testing, the test area is bermed and all waste water is collected and disposed off site.
13. NRC services the OWS and the 12,000-gallon wastewater UST annually and Amberwick collects all hazardous wastes. Annual wet weather sampling is done at catch basins per the Industrial Stormwater Permit.
14. Tenant has separate Storm Water Pollution Prevention Plan, Spill Prevention, Control, and Countermeasure Plan, and Facility Response Plan but is covered under the Authority's coverage for the IGP.
15. Quarterly scrubbing is scheduled to remove oil & grease stains within lanes at the remote fueling station.
16. Other providers include Integrated Corrosion Engineering and Western Pump. Cal-Detection performs trace test to determine if there is leak in the fuel pipes and cathodic protection for corrosion control. Western Pump performs maintains

Individual Tenant Summary From Appendix E

underground alarms for DUSTO (Designated Underground Storage Tank Operator).

17. New lightning protection onsite to dissipate electricity from lightning.

Significant Materials/Activities Potentially Exposed to Storm Water

Potential Pollutant Sources

Cargo handling
Drainage system maintenance
Equipment storage
Fire fighting equipment testing
Fluid leaks
Fuel spills, Fuel transfer
Fuel storage
Material loading/unloading
Outdoor waste storage
Pesticide usage
Tank fuel transfer
Trash collection
Vehicle parking
Water/Fuel mixture within berm

Potential Pollutants

Adhesives
Anti Freeze
Battery Acid
Brake Fluid
Cleaning Solutions
Coolant
Fire Fighting Foam
Food Waste
Fuel
Fuel (Gas)
Fuel (Jet)
Fuel (Sump)
Hydraulic Fluids
Lubricants
Oil & Grease
Purple K
Recyclables
Trash

Best Management Practices Applicable to Facility

Activities

Non-Storm Water Management
Outdoor Equipment Ops Maintenance Areas
Aircraft, Ground Vehicle & Equipment Maintenance
Aircraft, Ground Vehicle & Equipment Fueling
Aircraft, Ground Vehicle & Equipment Cleaning
Outdoor Loading/Unloading of Materials
Outdoor Material Storage
Waste Handling & Disposal
Building & Ground Maintenance
Employee Training
Outdoor Wash down/Sweeping
Fire Fighting Foam Discharge
Parking Lots
Drainage System Maintenance
Housekeeping
Safer/Alternative Products
Spill Prevention, Control & Clean Up
Structural Treatment Control BMPs

BMPs


SC01 - 1, 2, 3, 4, 7
SC02A - 1, 2
SC02B - 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13
SC03 - 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11
SC04 - 1, 2, 3, 5, 6
SC06 - 1, 2, 3, 4, 6, 7
SC07 - 1, 2, 3, 6, 7, 8, 9, 10, 11, 12
SC08 - 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 14
SC09 - 3
SC10 - 1, 2, 3, 4
SC12 - 2, 3, 5, 10, 11
SC13 - 1, 2, 3, 4, 5
SC16 - 1, 2, 6, 11, 12
SC17 - 1, 2, 3, 4, 5, 6, 7
SC18 - 1, 2, 3, 4, 5, 6, 7, 8, 9
SC19 - 1, 2
SR01 - 1, 2, 3, 4, 5, 6, 7, 8, 9, 10
TC01 - 1, 2, 3, 4

* Appendix B provides descriptions for each BMP category.



Document Path: P:\Projects-South\CA\GIS\A\TOD\CA\Map05-182\02_SD_Airport\GIS\SWMP_GIS_2018\Appendix E_1_29_2019.mxd

Aerial Image Source:
Aerotek Mapping Inc.
ATM # C0116-008
Aerial Flight Date: 8/22/2016

<p>PROJECT NO.: 5025-18-2002</p> <p>DATE: JANUARY 2019</p> <p>DRAWN BY: CAB</p> <p>CHECKED BY: AA/NP</p>		<p>SAN DIEGO INTERNATIONAL AIRPORT</p> <p>Allied Aviation Operating Areas</p>	<p>FIGURE</p> <p>E-5</p>
--	---	---	---------------------------------

Intentionally Left Blank