## Appendix B – Best Management Practices

### BMP SC04: AIRCRAFT, GROUND VEHICLE, AND EQUIPMENT CLEANING

#### PURPOSE:
Prevent or reduce the discharge of pollutants to storm drains from aircraft, vehicle, and equipment washing, and equipment degreasing.

#### TARGETED ACTIVITIES:
- Aircraft Washing
- Vehicle Washing
- Equipment Washing
- Equipment Degreasing

#### POLLUTION PREVENTION:

| Implement the following pollution prevention practices and BMPs to prevent discharges from the cleaning of aircraft, ground vehicles and equipment to the storm water collection system: |
| Store significant cleaning materials in leak-free containers and within areas of secondary containment. |
| Use biodegradable, phosphate-free, non-toxic cleaning solutions. |
| Follow water conservation practices when performing cleaning. |
| Wash vehicles at a commercial car wash when possible. |
| **DO NOT DISCHARGE WASTE WASH WATER OR CLEANING AGENTS TO A CATCH BASIN OR STORM DRAIN.** Notify Airport Operations (619-400-2710) and the Airport Authority Environmental Affairs Department (619-400-2784) if any non-storm water discharges from cleaning activities to the storm drain system are observed. |

#### POLLUTANTS of CONCERN:
- Cleaning Solutions
- Oil and Grease
- Solvents
- Vehicle Fluids
- Metals

#### OPERATIONS:

<table>
<thead>
<tr>
<th>Sub-BMPs</th>
<th>Description</th>
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<tbody>
<tr>
<td>- 01</td>
<td>Keep vehicles, equipment, and washing areas clean and free of waste.</td>
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<tr>
<td>- 02</td>
<td>Use dry washing and surface preparation techniques where feasible.</td>
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<td>- 03</td>
<td>Wash areas should not be located directly in the path of storm drains.</td>
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<tr>
<td>- 04</td>
<td>Use pigs and cover mats to cover all catch basins in the surrounding area to contain the wash water during washing activities.</td>
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<tr>
<td>- 05</td>
<td>Perform all washing activities in designated areas that capture, filter and recycle water (e.g. at new Wash Bay Facility), or use reclaimed water and divert wash water to a structural treatment control BMP, sanitary sewer or dead end sump with pump.</td>
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<tr>
<td>- 06</td>
<td>Perform routine visual observations of washing activities and inspect nearby storm drains to detect and prevent discharges from cleaning activities.</td>
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<tr>
<td>- 07</td>
<td>Remove all excess materials such as drippings and residue by</td>
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#### APPLICABLE TENANTS/DEPARTMENTS:
- ACE
- Air Canada
- Alaska
- Allegiant
- Allied Aviation
- American Airlines
- ARFF
- Bradford
- British Airways
- Conrac
- Delta
- DHL
- Edelweiss
- FedEx
- flagship
- Hawaiian
- JAL
- JetBlue
- Lufthansa
- Menzies
- SDCRAA
- Signature
- Southwest
### BMP SC04

| AIRCRAFT, GROUND VEHICLE, AND EQUIPMENT CLEANING |
|-----------------------------------|------------------|
| - 09 | using vacuum methods. Properly dispose of all waste materials. Use a hand-held hose equipped with positive shut-off nozzle to wash vehicles. Wash vehicles, aircraft, and equipment between 4pm to 10am from November 1 to May 31 and between 6pm to 10am from June 1 to October 31. |
|       | SP Plus |
|       | SSP |
|       | United |
|       | UPS |
|       | WestJet |

**STRUCTURAL TREATMENT BMPs:** Refer to BMP TC01 for information on structural treatment BMPs.

**BMP FREQUENCIES/EQUIPMENT/TOOLS:** Cleaning is conducted as needed. Equipment/tools to implement BMPs include rags, the closed loop system wash rack or the aircraft wash rack, pigs and cover mats, and shop vacuums.

**AUTHORIZED AIRCRAFT, GROUND VEHICLE AND EQUIPMENT CLEANING:**

- Use only the designated areas for aircraft, ground vehicle and equipment cleaning as shown in the attached map.

Date: Version: 2.0
Tenants Implementing SC-04 BMP:
Aircraft, Ground Vehicle & Equipment Cleaning

1 - Alaska 6 - ARFF 12 - FedEx 18 - ACE 22 - FlagShip 26 - Allegiant 37 - British Airways 42 - JAL 78 - Signature
2 - Allied Aviation 7 - Menzies 14 - Hawaiian 19 - SDCRAA 23 - United 27 - Air Canada 38 - DHL 45 - SSP 100 - Edelweiss
4 - American 10 - Delta 16 - JetBlue 21 - Southwest 24 - UPS 29 - West Jet 40 - Bradford 77 - Conrac 102 - SP Plus
12 - FedEx 14 - Hawaiian 16 - JetBlue 21 - Southwest 24 - UPS 29 - West Jet 40 - Bradford 77 - Conrac 102 - SP Plus
18 - ACE 22 - FlagShip 26 - Allegiant 37 - British Airways 42 - JAL 78 - Signature
23 - United 27 - Air Canada 38 - DHL 45 - SSP 100 - Edelweiss
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