

BMP SC01	NON-STORM WATER MANAGEMENT	
<p>PURPOSE: Eliminate non-storm water discharges to the storm water collection system.</p>	<p>TARGETED ACTIVITIES:</p> <ul style="list-style-type: none"> ➔ Aircraft Deicing/Anti-Icing ➔ Aircraft Lavatory Service ➔ All Cleaning ➔ All Fueling ➔ All Maintenance ➔ All Storage ➔ All Washing ➔ Cargo Handling ➔ Fire Fighting Equipment Testing ➔ Floor Washdowns ➔ Garbage Collection ➔ Landscape Irrigation ➔ Painting/Stripping ➔ Potable Water System Flush ➔ Runway Rubber Removal 	
<p>POLLUTION PREVENTION:</p>	<p>Implement the following pollution prevention practices and BMPs to prevent non-storm water discharges to the storm water collection system (also see Section 3 for authorized and unauthorized non-storm water discharges, and BMPs to control them):</p> <ul style="list-style-type: none"> <input type="checkbox"/> Perform visual inspections of discharge points to the storm drain system – observe uncharacteristic volumes, any staining, colors, turbidity, odors, deposition, floatables, and foaming characteristics of any flow. <input type="checkbox"/> Locate illicit connections to the storm drain system by visual inspections, CCTV survey, smoke testing, dye testing, and electromagnetic radio frequency testing. <input type="checkbox"/> Isolate problem areas and plug illicit discharge points. <input type="checkbox"/> Post “No Dumping” signs with a phone number for reporting dumping and disposal. <input type="checkbox"/> Use “dry” cleaning and surface preparation techniques where feasible. <input type="checkbox"/> Inspect waste and material containers frequently for leaks and proper closure seal. <input type="checkbox"/> Maintain adequate supplies of spill response equipment and materials in accessible locations near areas where spills may occur. <input type="checkbox"/> Investigate the use of automatic rain shutoff devices or smart controllers, micro irrigation systems, or low water use landscaping to minimize irrigation runoff. Experiment in new technologies and practices to conserve water. Implement mandatory water conservation measures. 	<p>POLLUTANTS of CONCERN:</p> <ul style="list-style-type: none"> ➔ Aircraft Fire Fighting Foam ➔ Battery Acid ➔ Deicing/Anti-Icing Fluid ➔ Dumpster Wastes ➔ Floatables ➔ Oil and Grease ➔ Fuel ➔ Landscape Waste ➔ Lavatory Chemical Wastes ➔ Metals ➔ Paint ➔ Pesticides/Herbicides/Fertilizers ➔ Potable Water System Chemicals ➔ Rubber Particles ➔ Sediment ➔ Solvents/Cleaning Solutions ➔ Vehicle Fluids

<input type="checkbox"/>	<p>Use recycled or non-potable water for construction purposes when available.</p> <p><input type="checkbox"/> Authorized non-stormwater discharges include the following (provided that BMPs are in place to control them): fire-hydrant and fire prevention or response system flushing; potable water sources and system flushing; drinking water fountains; air conditioning, refrigerator or compressor condensation; landscape irrigation watering provided that Integrated Pest Management practices have been used, seawater infiltration, incidental windblown cooling tower mist, and uncontaminated natural springs, groundwater, foundation drainage, and footing drainage. All other non-stormwater discharges are prohibited.</p> <p>NEVER HOSE DOWN OR BURY MATERIAL SPILLS</p>	
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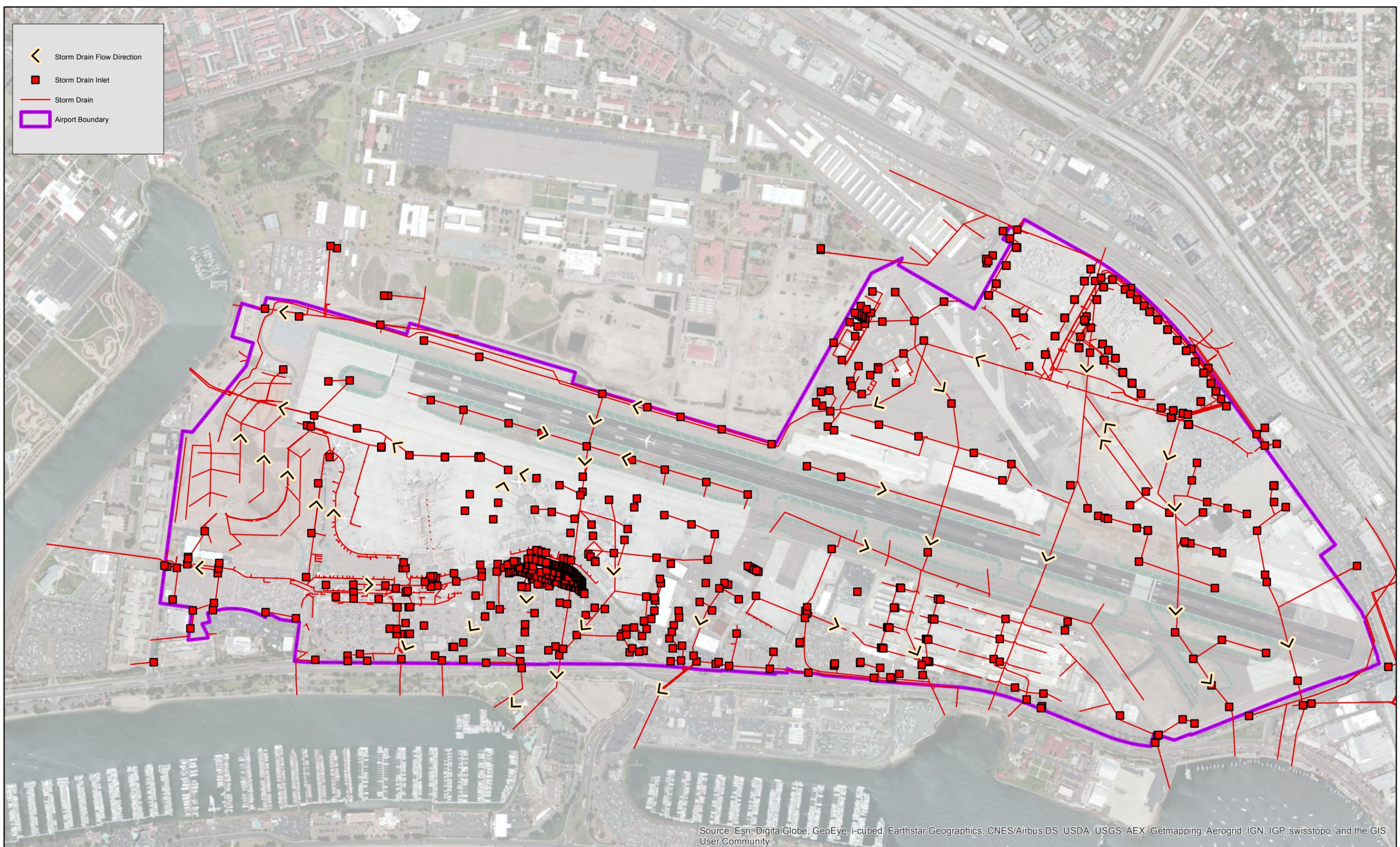
OPERATIONS:

<p>Sub-BMPs</p> <p>- 01 <input type="checkbox"/> Notify Airport Operations (619-400-2710) and the Airport Authority Environmental Affairs Department (619-400-2784) if there is any evidence of illicit connections or illegal discharges.</p> <p>- 02 <input type="checkbox"/> Provide the appropriate level of employee, tenant and public training or education in non-storm water discharge management, i.e., spill response and prevention, non-storm water pollution prevention, and hazardous materials management.</p> <p>- 03 <input type="checkbox"/> Limit the availability of outdoor water supplies (e.g. hose bibs, faucets) and post with appropriate use signs to discourage uses that may pollute the storm drain system/receiving water.</p> <p>- 04 <input type="checkbox"/> Ensure the site is free of illicit connections and illegal discharges.</p> <p>- 05 <input type="checkbox"/> Do not irrigate during forecasted rain events and 48 hours following a rain event.</p> <p>- 06 <input type="checkbox"/> Periodically inspect and maintain irrigation systems and landscaped areas to minimize excess watering and to repair any leaks.</p> <p>- 07 <input type="checkbox"/> Direct air conditioning or refrigerator condensation to landscaping, porous surface, into the sanitary sewer, or for reuse.</p> <p>- 08 <input type="checkbox"/> Irrigate using the satellite water-tracking system to reach proper levels of soil moisture applicable for landscaping, and follow City water restriction guidelines.</p> <p>- 09 <input type="checkbox"/> Use a hand-held hose equipped with positive shut-off nozzle, handheld water container, or timed sprinkler system to irrigate landscaped areas.</p>		<p>APPLICABLE TENANTS/ DEPARTMENTS:</p> <ul style="list-style-type: none"> → ACE → Air Canada → Alaska → Allegiant → Allied → American Airlines → ARFF → ASIG → Bradford → British Airways → Delta → DHL → Elite Line Services → Envoy → FedEx → Flagship → Frontier → Hawaiian → HFF → HMS Host → IAS → JAL → Jet Blue → Landmark → Mission Yogurt → SDCRAA → Seaport → Siemens → Sky West → Southwest → Spirit → SSP → Sun Country → United → UPS → US Airways → Virgin America → Volaris
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STRUCTURAL TREATMENT BMPs: Refer to BMP TC01 for information on structural treatment BMPs.		
BMP FREQUENCIES/EQUIPMENT/TOOLS: Observations of illicit discharges and connections are on a continual, ad hoc basis, during normal operations, and reported when observed. Formal inspections are conducted as described in Section 3.0 and Appendix D-2. Training frequencies and tools are described in Sections 7.0 and 9.0. Irrigation frequencies and tools are described in Section 3.0.		
AUTHORIZED LOCATIONS TO IMPLEMENT BMPs TO PREVENT NON-STORM WATER DISCHARGES:		
<input type="checkbox"/>	Implement BMPs for the prevention of non-storm water discharges within the entire airport boundary. In particular, do not discharge non-storm water to the designated areas (storm drains) as shown on the attached map.	
Date:		Version: 2.0

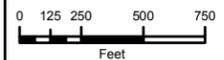
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 Storm Drain Flow Direction
 Storm Drain Inlet
 Storm Drain
 Airport Boundary



Source: Esri, DigitalGlobe, GeoEye, i-cubed, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community

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DATE:	6/11/2015
DRAWN BY:	KMB
CHECKED BY:	AJA



SAN DIEGO INTERNATIONAL AIRPORT
San Diego, California

STORM WATER MANAGEMENT PLAN
AT SAN DIEGO INTERNATIONAL AIRPORT

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