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Table 1 - Authority Departmental Roles and Responsibilities for SWMP Implementation

SWMP Element/Program/Activity	Environmental Affairs	Facilities Maintenance	Airside Operations	Landside Operations	Facilities Development	Airport Planning	Real Estate Management	Aviation Security & Public Safety
Administration	P							
Reporting	P	S	S	S	S	S	S	
Water Quality Monitoring	P							
Water Quality Sampling	P							
Illicit Discharge Detection & Elimination	P	S	S	S	S	S	S	S
Education & Outreach	P							
Public Participation	P		S	S		S	S	
Program Assessment	P							
Fiscal Analysis	P							
Engineering/ Design	S			P				
Development Planning / Review / Approval	S				S	P	S	
Construction Inspection / Oversight	P				S			
Municipal Facilities Maintenance / Oversight	S	P						
Airfield Activities Oversight	S		P					S
Terminal Activities Oversight	S			P				S
Industrial / Commercial Activities Inspection / Oversight	P	S	S	S			S	
Enforcement	P		S		S		S	

P - primary responsibility

S - supporting responsibility

Tables



Table 2 - Authority Key Personnel Responsible for SWMP Implementation

Department	Title	Staff
Environmental Affairs	Director	Paul Manasjan
	Manager	Richard Gilb
Facilities Maintenance	Director	Wayne Harvey
	Maintenance Supervisor	Hillary Gish
		John Mayes
		Mark Rogers
Airside Operations	Director	George Condon
	Airport Operations Specialist	David Billings
		Mario Caldera
		Mark Chewiwie
		Steve DuBoce
		Mark Handler
		Dan Richardson
		Dean Robbins
		Wayne Thomas
		David Van Bibber
Landside Operations	Director	Murray Bauer
	Terminal Operations Coordinator	Elsie Gonzalez
		Amiel Porta
Facilities Development	Director	Iraj Ghaemi
	Program Manager	Rick Meade
		Rick Trummer
Airport Planning	Director	Keith Wilschetz
	Manager	Ted Anasis
Real Estate Management	Director	Troy Ann Leech
	Manager	Traci Kuchta
		Nyle Marmion
		Bhavesht Patel
		Eric Podnieks
		Richard Strickland
Aviation Security & Public Safety	Director	Mark Denari
	Manager	Clint Welch

Tables



Table 3 - Monthly Inventory of Active Constrcution Sites - March 2008

#	Sponsor	Project Name	Project Description	Start Date	Priority
1	Authority	CIP #4006 Upgrade and Expand Restrooms in T1E	Interior remodeling to expand and upgrade the restrooms in the T1E rotunda area.	October 2007	Low
2	Authority	CIP #4051 Misc. Interior Improvements	Interior remodeling at various locations throughout the Terminals.	October 2007	Low
3	Authority	CIP #3044 NTC Landfill Remediation	Excavate solid waste and burn ash from closed landfill and properly dispose of waste in an active Class III Landfill.	January 2008	High
4	Authority	CIP #4050 SkyChefs Building Conversion	Interior remodeling of the former SkyChefs Building.	February 2008	Low

* All Construction Projects at SAN are located within the Pueblo San Diego Hydrologic Unit, San Diego Mesa Hydrologic Area, Lindbergh Hydrologic Sub-area (908.21)

Tables



Table 4 - Overview of SAN Industrial/Commercial Sites/Sources

Land Use and Activity	Water Quality Threat Priority	Entity
Passenger Carrier	High	Aerovias De Mexico (AeroMexico) Alaska Airlines Aloha Airlines American Airlines American Eagle Airlines Continental Airlines Delta Airlines Express Jet Frontier Airlines Hawaiian Airlines JetBlue Airways Midwest Airlines Northwest Airlines SkyWest Airlines Southwest Airlines United Airlines US Airways
Cargo Carrier	High	Bax Global DHL Airways Federal Express Corporation United Parcel Service Co.
Fixed Base Operation	High	Jimsair Aviation Services
Fuel Vendor	High	Allied Aviation Services Jimsair Aviation Services
Aircraft Fueler	High	Aircraft Service International Group, Inc (ASIG) American Airlines Jimsair Aviation Services
Aircraft & Airport Equipment Services & Maintenance*	High	Elite Line Services Exec Air Jet Wash, Inc.
Food Services	High	HMS Host and all food-service subtenants
Janitorial Services	High	SPC Airport Services, Inc.
Parking Lots/Vehicle Washing	High	LPi
Fire Fighting	High	ARFF
Airport	High	SDCRAA (Authority)

Notes:

* These service providers have been identified as individual sites/sources due to the nature of their work and varying location of their work at the airport.

Tables



Table 5 - Inventory of Industrial/Commerical Sites/Sources

Agency	Facility Name	Address Number	Suite Number	Street Name	City	State	Zip Code	Hydrologic Area	SIC Code	BLTEA Category Number	Principal Products / Services	Potential Pollutants								Tributary to 303(d) Listed	Pollutant of Concern*	Threat to water quality	Threat Confirmed	
												Bacteria	Gross Pollutants	Metals	Nutrients	Oil & Grease	Organics	Pesticides	Sediment	Trash				
SDCRAA	AeroMexico	3707		North Harbor Drive	San Diego	CA	92101	908.0-908.21	4512, 4522	2	Passenger Carrier	Yes	Yes	Yes	No	Yes	Yes	No	No	Yes	Yes	bacteria	Yes	Yes
SDCRAA	Alaska	3665		North Harbor Drive	San Diego	CA	92101	908.0-908.21	4512, 4522	2	Passenger Carrier	Yes	Yes	Yes	No	Yes	Yes	No	No	Yes	Yes	bacteria	Yes	Yes
SDCRAA	Allied Aviation	3698		Pacific Highway	San Diego	CA	92101	908.0-908.21	4581	2	Fuel Storage	No	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	metals	Yes	Yes
SDCRAA	Aloha	3707	#102	North Harbor Drive	San Diego	CA	92101	908.0-908.21	4512, 4522	2	Passenger Carrier	Yes	Yes	Yes	No	Yes	Yes	No	No	Yes	Yes	bacteria	Yes	Yes
SDCRAA	American Airlines	3707	#103	North Harbor Drive	San Diego	CA	92101	908.0-908.21	4512, 4522	2	Passenger Carrier	Yes	Yes	Yes	No	Yes	Yes	No	No	Yes	Yes	bacteria	Yes	Yes
SDCRAA	American Eagle	3225	#109	North Harbor Drive	San Diego	CA	92101	908.0-908.21	4512, 4522	2	Passenger Carrier	Yes	Yes	Yes	No	Yes	Yes	No	No	Yes	Yes	bacteria	Yes	Yes
SDCRAA	ARFF	3698		Pacific Highway	San Diego	CA	92101	908.0-908.21	4581	2	Airport rescue and fire fighting	No	Yes	Yes	No	Yes	Yes	No	No	Yes	Yes	metals	Yes	Yes
SDCRAA	ASIG	2340		Stillwater Road	San Diego	CA	92101	908.0-908.21	4581	2	Fueling services	No	Yes	Yes	No	Yes	Yes	No	Yes	Yes	Yes	sediment	Yes	Yes
SDCRAA	BAX Global	3602		Kurtz Street	San Diego	CA	92110	908.0-908.21	4581	2	Air and ground freight	No	Yes	Yes	No	Yes	Yes	No	No	Yes	Yes	metals	Yes	Yes
SDCRAA	Continental	3707	#115	North Harbor Drive	San Diego	CA	92101	908.0-908.21	4512, 4522	2	Passenger Carrier	Yes	Yes	Yes	No	Yes	Yes	No	No	Yes	Yes	bacteria	Yes	Yes
SDCRAA	Delta	3707	#107	North Harbor Drive	San Diego	CA	92101	908.0-908.21	4512, 4522	2	Passenger Carrier	Yes	Yes	Yes	No	Yes	Yes	No	No	Yes	Yes	bacteria	Yes	Yes
SDCRAA	DHL	2904		Pacific Highway	San Diego	CA	92101	908.0-908.21	4513	2	Cargo handling	No	Yes	Yes	No	Yes	Yes	No	No	Yes	Yes	metals	Yes	Yes
SDCRAA	Elite Line Services	3707	#121	North Harbor Drive	San Diego	CA	92101	908.0-908.21	4581	2	Maintenance (Passenger boarding bridges&baggage conveyor)	No	Yes	Yes	No	Yes	Yes	No	No	No	Yes	metals	Yes	Yes
SDCRAA	Exec Air	3225		North Harbor Drive	San Diego	CA	92101	908.0-908.21	4581	2	Aircraft Maintenance	Yes	Yes	Yes	No	Yes	Yes	No	No	No	Yes	metals, bacteria	Yes	Yes
SDCRAA	Express Jet	3225		North Harbor Drive	San Diego	CA	92101	908.0-908.21	4512, 4522	2	Passenger Carrier	Yes	Yes	Yes	No	Yes	Yes	No	No	Yes	Yes	bacteria	Yes	Yes
SDCRAA	FedEx	2221		West Washington Street	San Diego	CA	92110	908.0-908.21	4513	2	Cargo Handling	Yes	Yes	Yes	No	Yes	Yes	No	No	Yes	Yes	bacteria	Yes	Yes
SDCRAA	Frontier	3707	#107	North Harbor Drive	San Diego	CA	92101	908.0-908.21	4512, 4522	2	Passenger Carrier	Yes	Yes	Yes	No	Yes	Yes	No	No	Yes	Yes	bacteria	Yes	Yes
SDCRAA	Hawaiian	3835		North Harbor Drive	San Diego	CA	92101	908.0-908.21	4512, 4522	2	Passenger Carrier	Yes	Yes	Yes	No	Yes	Yes	No	No	Yes	Yes	bacteria	Yes	Yes
SDCRAA	HMS Host	3665		North Harbor Drive	San Diego	CA	92101	908.0-908.21	4581	2	Food & beverage	Yes	Yes	No	Yes	Yes	Yes	Yes	No	Yes	Yes	bacteria	Yes	Yes
SDCRAA	Jet Blue	3835	#108	North Harbor Drive	San Diego	CA	92101	908.0-908.21	4512, 4522	2	Passenger Carrier	Yes	Yes	Yes	No	Yes	Yes	No	No	Yes	Yes	bacteria	Yes	Yes
SDCRAA	Jet Wash	2904		Pacific Highway	San Diego	CA	92101	908.0-908.21	4581	2	Aircraft Washing	No	Yes	No	No	Yes	Yes	No	No	No	No	NA	No	NA
SDCRAA	Jimsair	2904		Pacific Highway	San Diego	CA	92101	908.0-908.21	4512, 4522	2	Corporate General Aviation	Yes	Yes	Yes	No	Yes	Yes	No	No	Yes	Yes	bacteria	Yes	Yes
SDCRAA	LPI	3705		North Harbor Drive	San Diego	CA	92101	908.0-908.21	7521	7	Parking lot management	Yes	Yes	Yes	No	Yes	Yes	No	No	Yes	Yes	bacteria	Yes	Yes
SDCRAA	Midwest	3707	#112	North Harbor Drive	San Diego	CA	92101	908.0-908.21	4512, 4522	2	Passenger Carrier	Yes	Yes	Yes	No	Yes	Yes	No	No	Yes	Yes	bacteria	Yes	Yes
SDCRAA	Northwest	3707	#116	North Harbor Drive	San Diego	CA	92101	908.0-908.21	4512, 4522	2	Passenger Carrier	Yes	Yes	Yes	No	Yes	Yes	No	No	Yes	Yes	bacteria	Yes	Yes
SDCRAA	SDCRAA	3835		North Harbor Drive	San Diego	CA	92101	908.0-908.21	4581	2	Facility maintenance	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	bacteria,	Yes	Yes
SDCRAA	Sky West	3225	#104	North Harbor Drive	San Diego	CA	92101	908.0-908.21	4512, 4522	2	Passenger Carrier	Yes	Yes	Yes	No	Yes	Yes	No	No	Yes	Yes	bacteria	Yes	Yes
SDCRAA	Southwest	3665	1	North Harbor Drive	San Diego	CA	92101	908.0-908.21	4512, 4522	2	Passenger Carrier	Yes	Yes	Yes	Yes	Yes	Yes	No	No	Yes	Yes	bacteria	Yes	Yes
SDCRAA	SPC Airport Services	3707	2 West	North Harbor Drive	San Diego	CA	92101	908.0-908.21	4581	2	Janitorial	No	Yes	No	No	Yes	Yes	No	No	Yes	No	NA	No	NA
SDCRAA	United	3665	# 223	North Harbor Drive	San Diego	CA	92101	908.0-908.21	4512, 4522	2	Passenger carrier	Yes	Yes	Yes	No	Yes	Yes	No	No	Yes	Yes	bacteria	Yes	Yes
SDCRAA	UPS	2412		Winship Lane	San Diego	CA	92101	908.0-908.21	4513	2	Cargo Handling	No	Yes	Yes	Yes	Yes	Yes	No	No	Yes	Yes	metals	Yes	Yes
SDCRAA	US Airways	3701	#28	North Harbor Drive	San Diego	CA	92101	908.0-908.21	4512, 4522	2	Passenger Carrier	Yes	Yes	Yes	No	Yes	Yes	No	No	Yes	Yes	bacteria	Yes	Yes

Note:

* = potential pollutant for metals is copper



TABLE 6 SAN ENTITIES (INDUSTRIAL/COMMERCIAL SITES/SOURCES) BY DRAINAGE BASIN

Drainage Basin/ Sampling Location ID	Facilities Located or Operating in Drainage Basin	Activities Conducted, Source Areas, or Potential Sources within the Drainage Basin		Potential Pollutants
		Industrial	Commercial	
1 (C-B01-1)	ASIG Jimsair DHL SDCRAA	Aircraft fueling Aircraft maintenance Aircraft sanitary services Bldg/grounds maintenance Cargo handling Chemical storage Equipment degreasing Equipment fueling Equipment maintenance Equipment storage Fluid leaks from aircraft Fuel spills Fuel storage Outdoor loading/unloading Outdoor waste storage Potable water flushing Vehicle fueling Vehicle maintenance Vehicle parking	None	Antifreeze Asphalt debris Battery acid Brake fluid Cleaning solutions Dumpster wastes Fuel Hydraulic fluid Lubricants Lavatory chemicals Lavatory wastes Lubricants Metals Oil and grease Paints Sediment Solvents Trash
2	Jimsair SDCRAA	Outdoor aircraft waste disposal	Vehicle parking	Antifreeze Battery acid Fuel Lavatory chemicals Lavatory wastes Lubricants Metals Oil and grease Paints Trash

TABLE 6 SAN ENTITIES (INDUSTRIAL/COMMERCIAL SITES/SOURCES) BY DRAINAGE BASIN (continued)

Drainage Basin/ Sampling Location ID	Facilities Located or Operating in Drainage Basin	Activities Conducted, Source Areas, or Potential Sources within the Drainage Basin		Potential Pollutants
		Industrial	Commercial	
3 (C-B03-2)	Jimsair LPi DHL JetWash SDCRAA	Chemical storage Fuel storage Fuel spills Outdoor waste storage Vehicle parking	None	Antifreeze Battery acid Brake fluid Cleaning solutions Fuel Hydraulic fluid Lavatory chemicals Lavatory wastes Lubricants Metals Oil and grease Paints Rubber particulates Solvents Trash
4	SDCRAA	None	None	Antifreeze Brake fluid Fuel Metals Oil and grease Trash

TABLE 6 SAN ENTITIES BY DRAINAGE BASIN (continued)

Drainage Basin/ Sampling Location ID	Facilities Located or Operating in Drainage Basin	Activities Conducted, Source Areas, or Potential Sources within the Drainage Basin		Potential Pollutants
		Industrial	Commercial	
5 (C-B05-4)	ASIG LPI FedEx BAX Global SDCRAA Rental car storage area	Aircraft fueling Aircraft maintenance Cargo handling Chemical storage Equipment degreasing Equipment fueling Equipment maintenance Equipment storage Fluid leaks from aircraft Fuel spills Fuel storage Metals storage Outdoor apron wash Outdoor waste storage Vehicle fueling Vehicle maintenance Vehicle parking	Vehicle storage	Antifreeze Asphalt debris Battery acid Brake fluid Cleaning solutions Dumpster wastes Fuel Hydraulic fluids Lavatory chemicals Lavatory wastes Lubricants Metals Oil and grease Paints Pesticides/herbicides / fertilizers Rubber particulates Sediment Solvents Trash

TABLE 6 SAN ENTITIES BY DRAINAGE BASIN (continued)

Drainage Basin/ Sampling Location ID	Facilities Located or Operating in Drainage Basin	Activities Conducted, Source Areas, or Potential Sources within the Drainage Basin		Potential Pollutants
		Industrial	Commercial	
6 (C-B06-5)	ASIG	Aircraft fueling	None	Acetone
	LPi	Aircraft maintenance		Adhesives
	American Airlines	Aircraft sanitary services		Antifreeze
	SDCRAA	Bldg/grounds maintenance		Battery acid
	FedEx	Cargo handling		Brake fluid
	Allied Aviation	Chemical storage		Carburetor cleaner
	US Airways	Equipment fueling		Cleaning solutions
	ARFF	Equipment maintenance		Deicing/anti-icing fluids
	UPS	Equipment painting		Dumpster wastes
	SkyWest	Equipment storage		Fire fighting foam (AFFF)
	American Eagle	Fire fighting equipment testing		Fuel
	Express Jet	Fluid leaks from aircraft		Hydraulic fluids
		Fuel spills		Lavatory chemicals
		Fuel storage		Lavatory wastes
		Loading/unloading of gasoline, diesel and jet fuel		Lubricants
		Metals storage		Metals
		Offloading of water/ fuel mixture from a 3,000-gallon UST		Oil and grease
		Outdoor apron wash		Paints
		Outdoor steam cleaning		Pesticides/herbicides
		Outdoor waste storage		Propylene glycol
		Pesticide/herbicide usage		Purple K
		Potable water flushing		Radioactive goods
		Ramp/taxiway scrubbing		Recyclable paper/cardboard
		Runway rubber removal		Rubber particulates
		Vehicle fueling		Sealants
		Vehicle maintenance		Sediment
		Vehicle parking		Solvents
				Sump fuel
				Trash
				Transmission fluid

TABLE 6 SAN ENTITIES BY DRAINAGE BASIN (continued)

Drainage Basin/ Sampling Location ID	Facilities Located or Operating in Drainage Basin	Activities Conducted, Source Areas, or Potential Sources within the Drainage Basin		Potential Pollutants
		Industrial	Commercial	
7 (C-B07-6, C-B07-7)	ASIG	Aircraft maintenance	None	Acetic acid
	LPi	Aircraft washing		Acetone
	American Airlines	Bldg/grounds maintenance		Adhesives
	SDCRAA	Cargo handling		Antifreeze
	United	Chemical storage		Battery acid
	Delta	Equipment degreasing		Brake fluid
	Allied Aviation	Equipment fueling		Coolant
	Exec Air	Equipment maintenance		Cleaning solutions
	SPC	Equipment storage		Diesel
		Equipment washing		Dumpster wastes
		Fuel spills		Gasoline
		Fuel storage		Hydraulic fluids
		Loading/unloading of gasoline, diesel, and jet fuel		Jet fuel
		Metals storage		Landscape wastes
		Oils storage		Lubricants
		Outdoor steam cleaning		Metals
		Outdoor waste storage		Oil and grease
		Power washing		Paints
		Vehicle fueling		Propylene glycol
		Vehicle maintenance		Rust preventer
		Vehicle parking		Sealants
		Vehicle washing		Solvents
				Sump fuel
				Trash

TABLE 6 SAN ENTITIES BY DRAINAGE BASIN (continued)

Drainage Basin/ Sampling Location ID	Facilities Located or Operating in Drainage Basin	Activities Conducted, Source Areas, or Potential Sources within the Drainage Basin		Potential Pollutants
		Industrial	Commercial	
8 (C-B08-8)	ASIG	Aircraft deicing	Restaurant grease disposal	Acetone
	Elite Line Services	Aircraft fueling		Antifreeze
	LPi	Aircraft maintenance		Battery acid
	Exec Air	Aircraft sanitary services		Brake fluid
	Southwest	Aircraft washing		Caulking
	SDCRAA	Bldg/grounds maintenance		Cleaning solutions
	United	Cargo handling		Coolant
	Alaska	Chemical storage		Degreasers
	Delta	Equipment fueling		Dumpster wastes
	SPC	Equipment maintenance		Fuel
	HMS Host	Equipment storage		Galvanizing compound
	Jet Wash	Equipment washing		Hydraulic fluids
		Fluid leaks from aircraft		Landscape wastes
		Fuel spills		Lavatory chemicals
		Fuel storage		Lavatory wastes
		Metals storage		Lubricants
		Oils storage		Metals
		Outdoor apron wash		Oil and grease
		Outdoor loading/unloading		Paints
		Outdoor waste storage		Pesticides/herbicides / fertilizers
		Power washing		Propylene glycol
		Pesticide/herbicide usage		Rubber particulates
		Potable water flushing		Sealant
		Ramp/taxiway scrubbing		Solvents
		Runway rubber removal		Trash
		Vehicle fueling		Transmission fluid
		Vehicle maintenance		Turpentine
		Vehicle parking		
		Restaurant		

TABLE 6 SAN ENTITIES BY DRAINAGE BASIN (continued)

Drainage Basin/ Sampling Location ID	Facilities Located or Operating in Drainage Basin	Activities Conducted, Source Areas, or Potential Sources within the Drainage Basin		Potential Pollutants
		Industrial	Commercial	
9 (C-B09-10)	LPi SDCRAA SPC	Bldg/grounds maintenance Chemical storage Equipment fueling Equipment maintenance Equipment storage Fuel spills Fuel storage Outdoor waste storage Pesticide/herbicide usage Power washing Vehicle fueling Vehicle parking	None	Antifreeze Battery acid Brake fluid Dumpster wastes Fuel Landscape wastes Lubricants Metals Oil and grease Paints Pesticides/herbicides / fertilizers Solvents Trash
10	LPi SDCRAA SPC	Bldg/grounds maintenance Outdoor waste storage Pesticide/herbicide usage Power washing Vehicle parking	None	Antifreeze Battery acid Brake fluid Dumpster wastes Fuel Grease Landscape wastes Lubricants Metals Oil and grease Paints Pesticides/herbicides / fertilizers Trash

TABLE 6 SAN ENTITIES BY DRAINAGE BASIN (continued)

Drainage Basin/ Sampling Location ID	Facilities Located or Operating in Drainage Basin	Activities Conducted, Source Areas, or Potential Sources within the Drainage Basin		Potential Pollutants
		Industrial	Commercial	
11	LPi SDCRAA SPC	Bldg/grounds maintenance Pesticide/herbicide usage Power washing Vehicle parking	None	Antifreeze Battery acid Brake fluid Fuel Grease Landscape wastes Lubricants Metals Oil and grease Paints Pesticides/herbicides/ fertilizers Trash

TABLE 6 SAN ENTITIES BY DRAINAGE BASIN (continued)

Drainage Basin/ Sampling Location ID	Facilities Located or Operating in Drainage Basin	Activities Conducted, Source Areas, or Potential Sources within the Drainage Basin		Potential Pollutants
		Industrial	Commercial	
12 (C-B12-09)	ASIG	Aircraft deicing	Restaurant grease disposal	Acetone
	Elite Line Services	Aircraft fueling		Antifreeze
	LPI	Aircraft maintenance		Battery acid
	ExecAir	Aircraft sanitary services		Brake fluid
	American Airlines	Aircraft washing		Caulking
	Northwest	Building/grounds maintenance		Cleaning solutions
	Delta	Cargo handling		Coolant
	US Airways	Chemical storage		Degreasers
	Continental	Equipment fueling		Dumpster wastes
	SPC	Equipment maintenance		Fuel
	HMS Host	Equipment storage		Galvanizing compound
	AeroMexico	Fluid leaks from aircraft		Hydraulic fluids
	Hawaiian	Fuel spills		Landscape wastes
	Frontier	Fuel storage		Lavatory chemicals
	Aloha	Metals storage		Lavatory wastes
	Jet Wash	Oils storage		Lubricants
	JetBlue	Outdoor apron wash		Metals
	Midwest	Outdoor loading/unloading		Oil and grease
	SDCRAA	Outdoor waste storage		Paints
		Pesticide/herbicide usage		Pesticides/herbicides
		Potable water flushing		Propylene glycol
		Power washing		Rubber particulates
		Ramp/taxiway scrubbing		Sealant
		Vehicle fueling		Solvents
		Vehicle maintenance		Trash
		Vehicle parking		Transmission fluid
				Turpentine
13	SDCRAA	None	None	Antifreeze Brake fluid Fuel Metals Oil and grease Trash

TABLE 6 SAN ENTITIES BY DRAINAGE BASIN (continued)

Drainage Basin/ Sampling Location ID	Facilities Located or Operating in Drainage Basin	Activities Conducted, Source Areas, or Potential Sources within the Drainage Basin		Potential Pollutants
		Industrial	Commercial	
14	LPi SDCRAA	Outdoor waste storage Pesticide/herbicide usage Vehicle parking	None	Antifreeze Battery acid Brake fluid Dumpster wastes Fuel Landscape wastes Lubricants Metals Oil and grease Paints Pesticides/herbicides / fertilizers Trash

Table 7 - Summary Assessment of Pollutant Sources and Corresponding BMPs

Area	Activity	Pollutant Source	Pollutant	Best Management Practices
Non-Storm Water Management throughout SAN	Prevention of non-storm water discharges	Misinformation (improper/lack of signs)	Metals, particulates, sediment, solid waste	SC01-01 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. SC01-02 Employees, tenants, and the public have been educated about non-storm water discharges, i.e., spill response and prevention, non-storm water pollution prevention, and hazardous materials management. SC01-03 Outdoor water supplies (hose bibs) are limited and posted with appropriate use signs to discourage uses that may pollute the storm drain system/receiving water. SC01-04 The site is free of evidence of illicit connections and illegal discharges.
		Litter improperly disposed of, including bottles and cans, paper and plastic bags, fast-food wrappers, cigarette butts, etc.	Solid waste	
		Improper hosing, power washing or washing down of vehicles or equipment	Fuel oil, particulates/sediment	
		Spills or leaks	Fuel, oils, sewage, trash	
Outdoor Equipment Operations and Maintenance Areas	Equipment operations and maintenance	Vehicle and aircraft use and emissions	Metals, fuels, lubricants, antifreeze	SC02A-01 Equipment operations and maintenance areas are not located directly in the path of storm drains. SC02A-02 There is a designated equipment operations and maintenance area with overhead cover for pollutant sources and/or activity areas.
		Industrial and commercial spills and releases	Metals, oils and greases, fuels, battery acids, antifreeze	
		Dirt or fluids from equipment and vehicles	Particulates/sediment, oils, lubricants, antifreeze, fuel, battery acid	
		Maintenance activities	Oil and grease, lubricants, hydraulic fluids, antifreeze	

Table 7 - Summary Assessment of Pollutant Sources and Corresponding BMPs (continued)

Area	Activity	Pollutant Source	Pollutant	Best Management Practices
Aircraft, Ground Vehicle, and Equipment Maintenance	Aircraft, ground vehicle, and equipment operations and maintenance	Industrial and commercial spills and releases	Metals, oils and greases, fuels, battery acids, antifreeze	SC02B-01 Employees are trained in safe vehicle and equipment operations.
		Dirt or fluids from aircraft, equipment, and vehicles	Particulates/sediment, oils, lubricants, antifreeze, fuel, battery acid	SC02B-02 Aircraft, vehicle, and equipment maintenance areas are not located directly in the path of storm drains.
		Maintenance activities	Oil and grease, lubricants, hydraulic fluids, antifreeze	SC02B-03 There is a designated vehicle and equipment maintenance area that is either indoors or covered, bermed, enclosed, or sloped/positioned away from the MS4. SC02B-04 Equipment is regularly inspected and tested. SC02B-05 Visual observations are performed to detect fluids leaking from aircraft, vehicles and equipment; place drip pans under leaks as needed. SC02B-06 Aircraft, vehicles, and equipment are maintained in good condition to prevent or correct any leakage of oil or other fluids. SC02B-07 Drip pans are used during maintenance. SC02B-08 Drip pans containing fluids or other open containers are not left lying around; regularly transfer fluids for recycling or proper disposal. SC02B-09 Minimize the use of solvents or use less toxic solvents whenever possible; if solvents cannot be avoided, clean or drain parts in self-contained sinks or drum units, and check those units regularly for leaks. SC02B-10 Mechanical parts, equipment, and vehicles awaiting repair are stored under cover and away from storm drains. SC02B-11 Maintenance vehicles and maintenance areas are furnished with spill response materials. SC02B-12 Fluids and batteries are removed from salvage vehicles and equipment and disposed of properly. SC02B-13 Obsolete and inoperable vehicles and equipment are disposed of properly.

Table 7 - Summary Assessment of Pollutant Sources and Corresponding BMPs (continued)

Area	Activity	Pollutant Source	Pollutant	Best Management Practices
Aircraft, Ground Vehicle, and Equipment Fueling	Fueling	Fuel spills and improper storage of fuel	Jet fuel, gasoline, diesel	SC03-01 There is a designated fueling area that is covered, bermed, enclosed, or sloped/positioned away from the MS4.
		Leaking storage tanks	Jet fuel, gasoline, diesel	SC03-02 Fueling areas are not located directly in the path of storm drains.
		Aircraft, equipment, and vehicle leaks and spills	Jet fuel, gasoline, diesel	SC03-03 Tanks, piping, and valves are labeled, regularly inspected, and kept in good condition.
		Hosing or washing down fuel areas without proper containment	Jet fuel, gasoline, diesel	SC03-04 Absorbent booms, spill kits, or vacuum equipment are located in fueling areas or on fueling vehicles.
		Storm water run-on and runoff from fueling areas	Jet fuel, gasoline, diesel	SC03-05 Fueling areas are regularly inspected.
		Spills and leaks during delivery, including topping off	Jet fuel, gasoline, diesel	SC03-06 Major fueling operations are monitored.
				SC03-07 Secondary containment or cover is used when transferring fuel from a tanker truck to a fuel tank.
				SC03-08 Leak detection, overflow protection, and spill prevention devices are used for tanks and piping.
				SC03-09 Automatic shut-off mechanisms are used for fuel tankers and hose connections.
				SC03-10 Fuel tanks are not topped off.
				SC03-11 Access to tanks and fueling vehicles is restricted.

Table 7 - Summary Assessment of Pollutant Sources and Corresponding BMPs (continued)

Area	Activity	Pollutant Source	Pollutant	Best Management Practices
Aircraft, Ground Vehicle, and Equipment Cleaning	Cleaning	Aircraft, vehicle, or equipment washing	Particulates/sediment, oil and grease, metals, soaps/cleaning solutions	SC04-01 Vehicles, equipment, and washing areas are kept clean and free of waste.
		Fall out from pressure washing	Particulates/sediment, oil and grease, metals	SC04-02 Dry washing and surface preparation techniques are used where feasible. SC04-03 Wash areas are not located directly in the path of storm drains. SC04-04 Pigs and cover mats are used to cover all catch basins in the surrounding area to contain the wash water during washing activities. SC04-05 There is a designated wash area that captures or diverts all wash water to structural treatment control BMP, sanitary sewer, or dead end sump with pump. SC04-06 Visual observations and inspections of nearby storm drains are performed to detect discharges from cleaning materials. SC04-07 Wash water is filtered and recycled where possible; if not possible, collect and properly dispose of the contained wash water. SC04-08 Drippings, residue, etc., are removed using vacuum methods; properly dispose of all waste materials.

Table 7 - Summary Assessment of Pollutant Sources and Corresponding BMPs (continued)

Area	Activity	Pollutant Source	Pollutant	Best Management Practices
Aircraft Deicing/Anti-Icing	Deicing/anti-icing	Spraying deicing fluid onto aircraft	Ethylene or propylene glycol	SC05-01 There is a designated deicing/anti-icing area that is covered, bermed, enclosed, or sloped/positioned away from the MS4.
		Deicing fluids dripping from aircraft without proper clean up	Ethylene or propylene glycol	SC05-02 Deicing and anti-icing operations are regularly monitored to ensure quantities of fluids used are at a minimum while not jeopardizing aircraft safety and operation. SC05-03 All fluids are captured or diverted to a treatment plant, recycling system, sanitary sewer, or dead end sump with pump. SC05-04 Deicing/anti-icing areas are cleaned with wet-type sweepers and the fluids are recycled or disposed of properly.
Outdoor Loading and Unloading of Materials	Loading/unloading	Spills or leaks during loading/unloading	Fuel, oils, trash/debris	SC06-01 Contractors/haulers are aware of and adhere to BMP specifications. SC06-02 Loading/unloading areas are not located directly in the path of storm drains. SC06-03 Loading/unloading areas are graded, bermed, covered, or otherwise protected to prevent contact with rainfall and storm water run-on/runoff.
		Leaking of loading/unloading equipment	Fuel, hydraulic fluids	SC06-04 Loading/unloading equipment is regularly checked for leaks. SC06-05 Drip pans or other containment measures are used under hoses. SC06-06 Loading and unloading areas are kept free of spills and debris by containing and absorbing leaks during transfers and spillage from hose disconnections or cargo pallets; dispose of residue or debris properly. SC06-07 Spill kits or other measures are available in accessible locations near potential spill areas to contain spills and/or prevent tracking off-site.

Table 7 - Summary Assessment of Pollutant Sources and Corresponding BMPs (continued)

Area	Activity	Pollutant Source	Pollutant	Best Management Practices
Outdoor Material Storage	Material storage	Industrial and commercial spills and releases from storage units	Fuels, oil and grease, solvents, soap/cleaning fluids, lavatory chemicals, paints, battery acid, antifreeze, ethylene or propylene glycol, pesticides/herbicides, adhesives, rust preventers, AFFF, sealants	SC07-01 Outdoor material storage areas are not located directly in the path of storm drains.
				SC07-02 Outdoor material storage areas have areas with overhead cover and secondary containment.
				SC07-03 Outdoor material storage areas are prevented from contacting storm water run-on and runoff (e.g., by the use of berms, wood pallets, etc).
				SC07-04 Cover and contain material stockpiles or implement erosion control practices at the perimeter of the site and at any inlets or catch basins to prevent the off-site transport of eroded material.
		Lack of proper secondary containment	Fuels, oil and grease, solvents, soap/cleaning fluids, lavatory chemicals, paints, battery acid, antifreeze, ethylene or propylene glycol, pesticides/herbicides, adhesives, rust preventers, AFFF, sealants	SC07-05 Wood products treated with preservative chemicals are covered with tarps or stored indoors.
				SC07-06 Install protection guards (bollards, posts, or guardrails) around ASTs and piping to prevent damage from vehicles or forklifts and any subsequent release.
				SC07-07 Regular inspections are performed on tanks, containers, and berms to check for corrosion, structural failure, loose fittings, poor welds, leaks, etc.; repairs or replacements are performed as needed.
				SC07-08 Liquid materials in ASTs should be stored in double-walled, valved storage tanks or within concrete bermed secondary containment areas to provide the capacity to contain the entire volume of the single largest container, with sufficient freeboard to contain precipitation; the area inside the curb should slope to a drain.
		Raw material, and finished product stock piles	Metals, sediments, particulates, debris	SC07-09 Precipitation from bermed areas should be drained to the sanitary sewer if available, or inspected and tested according to applicable regulations prior to its release to a storm drain; the drain must have a positive control, such as a lock, valve, or plug, below the product level in the tank to prevent release of contaminated liquids.
		Contact between stored materials and storm water run-on/off due to lack of cover/berms, etc.	Fuels, oil and grease, solvents, soap/cleaning fluids, lavatory chemicals, paints, battery acid, antifreeze, ethylene or propylene glycol, pesticides/herbicides, adhesives, rust preventers, AFFF, sealants	SC07-10 Properly dispose of ponded storm water removed from bermed or containment areas.
		Improper storage of fuel	Fuels	SC07-11 The facility/operation has and displays a County hazardous materials permit for hazardous materials storage. SC07-12 Accurate, up-to-date inventory of the materials delivered and stored on site is maintained.

Table 7 - Summary Assessment of Pollutant Sources and Corresponding BMPs (continued)

Area	Activity	Pollutant Source	Pollutant	Best Management Practices
Waste Handling/ Disposal	Waste handling/ disposal	Lack or failure of proper secondary containment	Oils, fuels, antifreeze, deicing fluids	SC08-01 The facility/operation makes efforts to reduce waste (using only amount needed, using solvents more than once, practicing good inventory control, not overbuying, purchasing long-lasting products, etc.).
		Waste container leaks	Oils, fuels, antifreeze, deicing fluids	SC08-02 The facility recycles waste materials when possible. SC08-03 There is a designated waste/recycling area with restricted access.
		Improper training procedures	Oils, fuels, antifreeze, deicing fluids, lavatory wastes and chemicals	SC08-04 Waste/recycling areas are not located directly in the path of storm drains. SC08-05 Secondary containment and cover for waste is provided.
		Contact between stored waste and storm water run-on/off due to lack of cover/berms etc	Oils, fuels, antifreeze, deicing fluids, trash/debris	SC08-06 Wastes that are not contained or covered are prevented from contacting storm water run-on and runoff (e.g., by the use of berms). SC08-07 All dumpsters are covered and kept closed and any drain holes plugged.
		Improper disposal practices	Wastewater, oil and grease, fuels, rubber debris, trash	SC08-08 Waste containers are inspected frequently for leaks, structural integrity, and proper closure seal. SC08-09 Employees are trained to properly handle and dispose of wastes. SC08-10 Wastes and recycling materials are appropriately stored in containers, segregated, and labeled.
		Irregular waste removal schedule	Oils, fuels, antifreeze, deicing fluids, trash/debris	SC08-11 Wastes are properly characterized and disposed of properly. SC08-12 Waste containers and sanitary facilities are prevented from overflowing by timely service and removal. SC08-13 Dumpster cleaning is performed in designated areas that are bermed to contain wash water; properly dispose of all fluids collected or discharge to the sanitary sewer. SC08-14 Track waste generated, stored, and disposed.

Table 7 - Summary Assessment of Pollutant Sources and Corresponding BMPs (continued)

Area	Activity	Pollutant Source	Pollutant	Best Management Practices
Building and Grounds Maintenance	Maintenance	Painting	Metals	SC09-01 All areas of exposed soil have been revegetated, landscaped, or otherwise contain erosion or sediment controls.
		Pesticide application	Organic compounds	
		Wood preserving	Metals	SC09-02 Landscaped areas are irrigated regularly.
		Underground utilities (copper grounding wires in electrical vaults connected to storm drains) and lighting systems	Metals	SC09-03 Implement integrated pest management methods, minimize the use of pesticides, herbicides, and fertilizers, and use according to directions.
		Roofing	Metals, tar	SC09-04 Temporary BMPs such as portable booms and vacuum trucks are used to contain water from outdoor building or structure washdown activities; collect and properly dispose of all waste water through a permitted connection to the sanitary sewer.
		Cement in concrete pouring	pH	

Table 7 - Summary Assessment of Pollutant Sources and Corresponding BMPs (continued)

Employee Training	Training	Mismanagement	Oil and grease, hydrocarbons, pH, solid waste, particulates, sediment, ethylene glycol, metals, fuels, chemicals	SC10-01 The Authority SWMP and tenant SWPPPs covering the facility or operation are updated on a periodic basis and amendment pages for the SWMP or SWPPP are inserted as needed. SC10-02 Employees and contractors have been trained on storm water issues, implementation and effectiveness of BMPs, spill prevention and cleanup, hazardous materials management, right-to-know awareness, and SMWP or SWPPP implementation.
		Lack of education outreach programs	Oil and grease, hydrocarbons, pH, solid waste, particulates, sediment, ethylene glycol, metals, fuels, chemicals	SC10-03 Implement additional training programs for relevant employees and contractors covering SPCC implementation, the prohibition on cross-connections between sanitary sewers and storm drains, and contractor responsibility to comply with adopted BMPs.
		Inefficient or irregular training	Oil and grease, hydrocarbons, pH, solid waste, particulates, sediment, ethylene glycol, metals, fuels, chemicals	SC10-04 The facility/operation has current employee training records.

Table 7 - Summary Assessment of Pollutant Sources and Corresponding BMPs (continued)

Area	Activity	Pollutant Source	Pollutant	Best Management Practices
Lavatory Service Operation	Operating/maintenance	Leaking or blocked hoses	Lavatory waste, BOD, lavatory chemicals	SC11-01 Triturator facilities are covered and have low roll-over type berming.
			Lavatory waste, BOD, lavatory chemicals	SC11-02 The triturator facility/operation is not located directly in the path of storm drains.
			Lavatory waste, BOD, lavatory chemicals	SC11-03 Hoses and fittings used for transferring lavatory waste are regularly inspected and kept in good condition.
			Lavatory waste, BOD, lavatory chemicals	SC11-04 Absorbent booms, spill kits, and other containment equipment are present on lavatory service equipment and in the triturator facility/operation.
		Storm water contact with dirty lavatory trucks or hoses	Lavatory waste, BOD, lavatory chemicals	SC11-05 Surfactant/disinfectant mixing and transfers are performed in the triturator area or under a cover.
			Lavatory waste, BOD, lavatory chemicals	SC11-06 Drip pans are used when draining the aircraft and the drippage is dumped into the bulk storage tank of the lavatory service equipment.
		Lack of lavatory truck/hose maintenance	Lavatory waste, BOD, lavatory chemicals	SC11-07 Spills of lavatory wastes and lavatory chemicals are immediately cleaned and properly disposed of at the triturator facility.
				SC11-08 All hoses, valves, and equipment are properly secured when transporting lavatory waste.
				SC11-09 Lavatory truck cleanouts/back flushing and lavatory waste discharging to sanitary sewer connections are performed ONLY at triturator facilities.
				SC11-10 Hoses are completely drained.

Table 7 - Summary Assessment of Pollutant Sources and Corresponding BMPs (continued)

Area	Activity	Pollutant Source	Pollutant	Best Management Practices
Outdoor Wash Down/ Sweeping (Apron Washing Ramp Scrubbing)	Washing/ sweeping	Fallout from pressure washing operations	Particulates/sediment, rubber, debris, oil and grease, fuel	SC12-01 Sweeping and scrubbing equipment is regularly inspected and maintained to ensure effectiveness at removing pollutants and to avoid leaks.
		Improper waste disposal	Particulates/sediment, rubber, trash/debris, oil and grease, fuel, waste water, soaps	SC12-02 Roads, ramp areas, apron areas, and, if feasible, runway/taxiway areas are swept on a regular basis.
		Irregular sweeping or scrubbing	Particulates/sediments, oils and grease, fuel, trash/debris	SC12-03 Sweeping is performed during dry weather using dry sweeping techniques where feasible.
		Industrial air emissions	Particulates/sediments, metals	SC12-04 Sweepers are operated at manufacturer-recommended optimal speeds.
				SC12-05 Debris and sediment from sweeping are disposed of properly.
				SC12-06 Outdoor washdown areas are bermed to contain wash water and to prevent run-on to other areas.
				SC12-07 The amount of water used during outdoor washdown activities is minimized.
				SC12-08 Wash water is collected and discharged to the sanitary sewer system through a permitted connection at designated and approved discharge facilities (i.e., dewatering bin).
				SC12-09 Records of the sweeping or scrubbing activities including the miles swept or scrubbed and the amount of waste collected are maintained.

Table 7 - Summary Assessment of Pollutant Sources and Corresponding BMPs (continued)

Area	Activity	Pollutant Source	Pollutant	Best Management Practices
Fire Fighting Foam Discharge	Fire fighting	Ineffective containment of discharge	AFFF, wastewater	SC13-01 Fire fighting foam discharge/testing areas are not located directly in the path of storm drains.
		Improper vacuum procedure	AFFF, wastewater	SC13-02 Fire fighting equipment is regularly inspected.
		Improper waste disposal	AFFF, wastewater	SC13-03 There is a designated fire fighting foam testing area that captures or diverts all foam waste to a treatment/recycling plant, sanitary sewer, or dead end sump with pump. SC13-04 Sump(s) and/or oil water separator(s) are serviced regularly. SC13-05 Fire fighting foam testing areas are prevented from contacting storm water run-on and runoff (e.g., by the use of berms).
Potable Water System Flushing	Flushing	Fallout from flushing operations	Particulates/sediment, metals, oil and grease, fuels	SC14-01 The aircraft potable water system and water truck cleaning/flushing areas are not located directly in the path of storm drains. SC14-02 There is a designated cleaning/flushing area that captures or diverts all wastewater to a treatment/recycling plant, sanitary sewer, or dead end sump with pump. SC14-03 Cleaning/flushing areas are prevented from contacting storm water run-on and runoff (e.g., by the use of berms).

Table 7 - Summary Assessment of Pollutant Sources and Corresponding BMPs (continued)

Area	Activity	Pollutant Source	Pollutant	Best Management Practices
Runway Rubber Removal	Cleaning	Failure of equipment to adequately capture all waste water and debris	Rubber particulates/sediment/debris, metals, oil and grease, fuels	SC15-01 The amount of water used during runway rubber removal activities is minimized. SC15-02 Waste water produced from runway rubber removal activities is prevented from entering the storm drainage system by immediately collecting and properly disposing of it. SC15-03 Runways and adjacent paved areas are swept, either manually or using mechanical sweepers, following runway rubber removal activities. SC15-04 Storm drain inlets, catch basins, and runway drainage areas are inspected following runway rubber removal activities for any resulting debris; remove and properly dispose of debris.

Table 7 - Summary Assessment of Pollutant Sources and Corresponding BMPs (continued)

Parking Lots	Maintenance of parking lots	Dirt and leaking fluids from equipment and vehicles	Particulates/sediment, oil and grease, brake fluid, fuel, antifreeze, metals	SC16-01 Parking lots are posted with “No Littering” signs and have regularly emptied trash receptacles. SC16-02 Parking lots are regularly swept. SC16-03 Sweepers are operated at the manufacturer-recommended optimal speeds. SC16-04 Sweeping is performed in parking lot areas when the number of parked vehicles is lowest to maximize areas swept. SC16-05 Records of the sweeping activities are maintained including the miles swept and the amount of waste collected. SC16-06 Oily spots are cleaned with absorbent materials. SC16-07 Repairs are performed during dry weather. SC16-08 Nearby storm drain inlets, catch basins, and manholes are covered and sealed during parking lot repairs. SC16-09 Drip pans are used under paving equipment. SC16-10 Hot bituminous materials are preheated and transferred or loaded away from storm drain inlets. SC16-11 Absorbent materials, debris, and drips are disposed of properly. SC16-12 Rooftops do not drain onto paved surfaces.
		Dirt and grit from parking lots, driveways, sidewalks and landscaped areas	Particulates/sediment, metals	
		Litter improperly disposed of, including bottles and cans, paper and plastic bags, fast-food wrappers, cigarette butts, and more	Solid waste/trash	
		Galvanized metal roofs, gutters and downspouts	Metals, sediment	
		Paving and recycling operations	pH, debris, tar/hydrocarbons	

Table 7 - Summary Assessment of Pollutant Sources and Corresponding BMPs (continued)

Area	Activity	Pollutant Source	Pollutant	Best Management Practices
Storm Drain Maintenance	Maintenance	Fallout from MS4 cleaning operations	Particulates/sediments, metals, trash and debris, fuel, oil and grease, bacteria, waste water	SC17-01 Storm drains are stenciled with "No Dumping" messages. SC17-02 The facility/operation conducts routine self-inspections of the storm water conveyance system; the Authority should inspect the entire MS4 at least annually, between the dates of May 1 and September 30.
		Irregular or inadequate inspection and maintenance schedule	Particulates/sediments, metals, trash and debris, fuel, oil and grease, bacteria	SC17-03 Appropriate measures are used to prevent discharges during MS4 cleaning and maintenance. SC17-04 Storm drains, inlets, and catch basins are cleaned and maintained before the wet season and when accumulated trash and debris is greater than 33 percent of design capacity. SC17-05 Open channels are cleared of accumulated litter in a timely manner. SC17-06 Debris from cleaning activities is disposed of properly. SC17-07 Records are kept for all inspections, cleaning, and maintenance, including the quantity of waste removed.

Table 7 - Summary Assessment of Pollutant Sources and Corresponding BMPs (continued)

Area	Activity	Pollutant Source	Pollutant	Best Management Practices
Housekeeping	Cleaning/ tidying	Insufficient facility and BMP inspections	Trash/debris, oil and grease, paints, fuels, pesticides/herbicides, hydraulic fluids, antifreeze, rust preventers, sealants	SC18-01 The facility conducts routine self- inspections of BMPs. SC18-02 The facility/operation is kept clean and orderly. SC18-03 Trash receptacles are placed in appropriate locations. SC18-04 The facility/operation is swept at least once per week. SC18-05 Sweepings and sediment are disposed of properly.
		Improper trash handling/trash or FOD cans not covered	Trash and debris, bacteria	SC18-06 Potentially significant materials are stored in appropriate containers, properly sealed, and labeled. SC18-07 Secondary containment is provided for significant materials.
		Lack or failure of proper secondary containment	Oils, fuels, antifreeze, brake fluids, hydraulic fluids, lubricants, paints, deicing fluids	SC18-08 Significant materials are stored in a restricted access area. SC18-09 Material Safety Data Sheets (MSDSs) are readily available for all significant materials.
		Dirt and grit from ramp and facility areas	Particulates/sediment, metals, trash, and debris	
		Use of toxic materials	Metals, hydrocarbons, synthetic organic compounds	SC19-01 This facility/operation uses “Regionally Accepted” products identified as non- toxic, less toxic, or biodegradable. SC19-02 Whenever possible, maximize the purchase and use of products containing recycled materials.
Safer/Alternative Products	Replacement of toxic with less or non- toxic materials			

Table 7 - Summary Assessment of Pollutant Sources and Corresponding BMPs (continued)

Spill Prevention, Control & Clean-up	Spill control	Fuel spills and improper storage of fuel	Fuels	SR01-01 The facility/operation has a current Spill Prevention, Control, and Countermeasure (SPCC) Plan or Spill Response Plan. SR01-02 A summary of the SPCC Plan, or spill response procedures, is posted at key locations, identifying the spill cleanup coordinators, location of cleanup equipment, and phone numbers of regulatory agencies to be contacted in the event of a spill. SR01-03 Relevant employees and contractors are trained in the implementation of the SPCC Plan, if applicable, or spill control procedures. SR01-04 Leak and spill prevention devices are used. SR01-05 The facility/operation has placed adequate spill kits in appropriate locations. SR01-06 Airport Operations (619-400-2710), the Airport Authority Environmental Affairs Department (619-400-2784), and any agencies or companies identified in the SPCC or facility spill prevention and response procedures, are notified in the event of a spill. SR01-07 Procedures identified in the SPCC or facility spill prevention and response procedures are followed in the event of a spill or release. SR01-08 The facility/operation uses only dry cleaning methods. SR01-09 Used spill control/clean-up materials are disposed of properly. SR01-10 Wash water is captured by vacuum and properly disposed of, or is diverted to a structural treatment control, sanitary sewer, or dead end sump with pump.
		Improper waste storage and disposal	Oil and grease, fuel, hydraulic fluids, antifreeze, lubricants	
		Aircraft, equipment and vehicle fluid leaks and spills	Oil and grease, fuel, hydraulic fluids, antifreeze, lubricants, battery acid	
		Inadequate spill response or spill response materials	Oil and grease, fuel, hydraulic fluids, antifreeze, lubricants, battery acid	
		Lack or failure of proper secondary containment	Oil and grease, fuel, hydraulic fluids, antifreeze, lubricants, battery acid	

Table 7 - Summary Assessment of Pollutant Sources and Corresponding BMPs (continued)

Area	Activity	Pollutant Source	Pollutant	Best Management Practices
Treatment Controls	Inspections/ cleaning/ maintenance	Irregular or inadequate inspections and maintenance	Particulates/sediment, oil and grease, metals, trash and debris, fuels	TC01-01 Structural and treatment control BMPs are regularly inspected, cleaned and maintained. TC01-02 During cleaning operations of the treatment control device, close any effluent valves at the device; standing water and accumulated waste are removed and properly disposed of, and oil absorbent pads are replaced prior to the start of the wet season and as needed. TC01-03 Records are kept for all inspections and maintenance of structural and treatment control BMPs. TC01-04 An annual inventory of all treatment control BMPs is conducted.

Table 8 - BMPs Applicable to Individual Industrial/Commercial Sites/Sources (continued)

TENANTS	SUMMARY OF INDUSTRIAL ACTIVITY CATEGORIES (See Appendix ____ For Associated BMPs)	AIRCRAFT					VEHICLES AND EQUIPMENT					OTHER														
		Aircraft, Ground Vehicle and Equipment Maintenance	Aircraft, Ground Vehicle and Equipment Fueling	Aircraft, Ground Vehicle and Equipment Cleaning	Aircraft Deicing/Anti-Icing	Lavatory Service Operation	Outdoor Equipment Ops and Maintenance Areas	Aircraft, Ground Vehicle and Equipment Maintenance	Aircraft, Ground Vehicle and Equipment Fueling	Aircraft, Ground Vehicle and Equipment Cleaning	Non-Storm Water Management	Outdoor Loading/Unloading of Materials	Outdoor/Indoor Material Storage	Waste Handling and Disposal	Building and Grounds Maintenance	Employee Training	Outdoor Washdown/Sweeping (Apron Washing, Ramp Scrubbing)	Fire Fighting Foam Discharge	Potable Water System Flushing	Runway Rubber Removal	Parking Lots	Storm Drain Maintenance	Housekeeping	Safer/Alternative Products	Spill Prevention, Control, and Clean-up	Treatment Controls
		SC02B	SC03	SC04	SC05	SC11	SC02A	SC02B	SC03	SC04	SC01	SC06	SC07	SC08	SC09	SC10	SC12	SC13	SC14	SC15	SC16	SC17	SC18	SC19	SR01	TC01
AeroMexico	SC01, 02A, 02B, 03, 07, 08, 10, 18, 19, SR01	O	O				O	I/O	O		I/O		I	X		X							O	X	O	
Alaska	SC01, 02A, 02B, 03, 04, 05, 07, 08, 10, 11, 12, 14, 18, 19, SR01	O	O	O	O	O	O	O	O	O	I/O		I	I		X	O		X				X	X	I/O	
Allied Aviation	SC01, 02A, 02B, 03, 06, 07, 08, 09, 10, 12, 13, 16, 17, 18, 19, SR01, TC01	O	O				O	O	O		I/O	O	O	O	X	X	O	O			O	O	O	X	O	O
Aloha	SC01, 02B, 03, 04, 11, 12, 18, SR01	O	O	O		O		I	O	O	I/O						O						O		O	
American Airlines	SC01, 02A, 02B, 03, 04, 05, 07, 08, 10, 11, 12, 14, 17, 18, 19, SR01, TC01	O	O	O	O	O	O	I	O	O	I/O		I/O	I/O		X	O		O			O	I	X	O	O
American Eagle	SC01, 02A, 02B, 03, 04, 10, 11, 12, 14, 17, 18, 19, SR01	O	O	O		O	O	I	O	O	I/O					X	O		O			O	I/O	X	O	
ARFF	SC01, 02A, 02B, 03, 04, 07, 08, 10, 13, 16, 17, 18, 19, SR01						O	I	I	O	I/O		I	I/O		X		O			O	O	I/O	X	I/O	
ASIG	SC01, 02A, 02B, 03, 04, 06, 07, 08, 10, 12, 16, 17, 18, 19, SR01		O				O	I	O	O	I/O	O	I/O	I		X	O				O	O	I/O	X	I/O	
BAX Global	SC01, 02A, 02B, 03, 04, 05, 06, 07, 08, 10, 12, 18, 19, SR01	O	O		O		O	O	O	O	I/O	O	O	O		X	O						O	X	O	
Continental	SC01, 03, 10, 12, 17, 18, 19, SR01		O						O		I/O					X	O					O	O	X	O	
Delta	SC01, 02A, 02B, 03, 04, 06, 07, 08, 10, 11, 12, 17, 18, 19, SR01	O	O			O	O	I/O	O	O	I/O	O	I/O	I/O		X	O					O	I/O	X	O	
DHL	SC01, 02A, 02B, 03, 04, 06, 07, 08, 10, 12, 18, 19, SR01	O	O	X			O	O	O	X	I/O	O	I/O	I/O		X	O						I/O	X	I/O	

Table 8 - BMPs Applicable to Individual Industrial/Commercial Sites/Sources (continued)

TENANTS	SUMMARY OF INDUSTRIAL ACTIVITY CATEGORIES (See Appendix ____ For Associated BMPs)	AIRCRAFT					VEHICLES AND EQUIPMENT					OTHER														
		Aircraft, Ground Vehicle and Equipment Maintenance	Aircraft, Ground Vehicle and Equipment Fueling	Aircraft, Ground Vehicle and Equipment Cleaning	Aircraft Deicing/Anti-Icing	Lavatory Service Operation	Outdoor Equipment Ops and Maintenance Areas	Aircraft, Ground Vehicle and Equipment Maintenance	Aircraft, Ground Vehicle and Equipment Fueling	Aircraft, Ground Vehicle and Equipment Cleaning	Non-Storm Water Management	Outdoor Loading/Unloading of Materials	Outdoor/Indoor Material Storage	Waste Handling and Disposal	Building and Grounds Maintenance	Employee Training	Outdoor Washdown/Sweeping (Apron Washing, Ramp Scrubbing)	Fire Fighting Foam Discharge	Potable Water System Flushing	Runway Rubber Removal	Parking Lots	Storm Drain Maintenance	Housekeeping	Safer/Alternative Products	Spill Prevention, Control, and Clean-up	Treatment Controls
		SC02B	SC03	SC04	SC05	SC11	SC02A	SC02B	SC03	SC04	SC01	SC06	SC07	SC08	SC09	SC10	SC12	SC13	SC14	SC15	SC16	SC17	SC18	SC19	SR01	TCO1
Elite Line Services	SC01, 02A, 02B, 03, 04, 07, 08, 10, 12, 17, 18, 19, SR01						O	X	X	I/O	I/O		O	O		X	O					O	O	X	O	
Exec Air	SC01, 02A, 02B, 03, 04, 07, 08, 10, 12, 17, 18, 19, SR01	O					O	I	X	O	I/O		I	I		X	O					O	I/O	X	I/O	
Express Jet	SC01, 02A, 02B, 03, 04, 10, 11, 12, 14, 18, 19, SR01	O	O			O	O	X	O	O	I/O					X	O		O				O	X	I/O	
FedEx	SC01, 02A, 02B, 03, 06, 07, 08, 09, 10, 12, 17, 18, 19, SR01	O	O				O	O	O		I/O	O	O	I/O	O	X	O					O	O	X	O	
Frontier	SC01, 02A, 02B, 03, 07, 10, 11, 12, 13, 18, 19, SR01	O	O			O	O	I/O	X		I/O		O			X	O	O					O	X	O	
Hawaiian	SC01, 02A, 02B, 03, 10, 12, 17, 19	O	O				O	X	O		I/O					X	O					O		X		
HMS Host	SC01, 04, 06, 08, 09, 10, 12, 17, 18, 19, SR01									X	I/O	O		I/O	I/O	X	O					O	I/O	X	I/O	
Jet Blue	SC01, 03, 07, 10, 12, 17, 18, 19, SR01		O								I/O		O			X	O					O	O	X	O	
Jet Wash	SC01, 02A, 02B, 04, 07, 08, 10, 17, 18, 19, SR01			O			O	X		O	I/O		O	O		X						O	O	X	O	
Jimsair	SC01, 02A, 02B, 03, 04, 06, 07, 08, 09, 10, 11, 12, 14, 16, 18, 19, SR01	I	O				O	O	O	O	I/O	O	I/O	I/O	I/O	X	O		O		O		I/O	X	I/O	
LPI	SC01, 02A, 02B, 03, 04, 07, 08, 10, 12, 16, 17, 18, SR01						O	O	O	O	I/O		O	O		X	O				O	O	O		O	
Midwest	SC01, 02B, 03, 10	O	O					I/O	O		I/O					X										
Northwest	SC01, 02A, 02B, 03, 04, 07, 08, 10, 11, 12, 14, 18, 19, SR01	O	O	O		O	O	I	O	X	I/O		I/O	I/O		X	O		O				I/O	X	I/O	

Table 8 - BMPs Applicable to Individual Industrial/Commercial Sites/Sources (continued)

TENANTS	SUMMARY OF INDUSTRIAL ACTIVITY CATEGORIES (See Appendix ____ For Associated BMPs)	AIRCRAFT					VEHICLES AND EQUIPMENT				OTHER															
		Aircraft, Ground Vehicle and Equipment Maintenance	Aircraft, Ground Vehicle and Equipment Fueling	Aircraft, Ground Vehicle and Equipment Cleaning	Aircraft Deicing/Anti-Icing	Lavatory Service Operation	Outdoor Equipment Ops and Maintenance Areas	Aircraft, Ground Vehicle and Equipment Maintenance	Aircraft, Ground Vehicle and Equipment Fueling	Aircraft, Ground Vehicle and Equipment Cleaning	Non-Storm Water Management	Outdoor Loading/Unloading of Materials	Outdoor/Indoor Material Storage	Waste Handling and Disposal	Building and Grounds Maintenance	Employee Training	Outdoor Washdown/Sweeping (Apron Washing, Ramp Scrubbing)	Fire Fighting Foam Discharge	Potable Water System Flushing	Runway Rubber Removal	Parking Lots	Storm Drain Maintenance	Housekeeping	Safer/Alternative Products	Spill Prevention, Control, and Clean-up	Treatment Controls
		SC02B	SC03	SC04	SC05	SC11	SC02A	SC02B	SC03	SC04	SC01	SC06	SC07	SC08	SC09	SC10	SC12	SC13	SC14	SC15	SC16	SC17	SC18	SC19	SR01	TC01
SDCRAA	SC01, 02A, 02B, 03, 04, 06, 07, 08, 09, 10, 11, 12, 15, 16, 17, 18, 19, SR01, TC01						O	O	O	O	I/O	O	I/O	I/O	I/O	X	O			O	O	O	I/O	X	I/O	O
Sky West	SC01, 02A, 02B, 03, 04, 07, 08, 10, 11, 12, 14, 18, 19, SR01	O	O	X		O	O	O	O	X	I/O		O	X		X	O		O				O	X	O	
Southwest	SC01, 02A, 02B, 03, 04, 05, 06, 07, 08, 10, 11, 12, 14, 17, 18, 19, SR01	O	O		O	O	O	I/O	O	O	I/O	O	I/O	I/O		X	O		O			O	I/O	X	I/O	
SPC Airport Services	SC01, 02A, 02B, 03, 04, 07, 08, 10, 12, 17, 18, 19, SR01						O	O	O	X	I/O		I/O	I/O		X	O					O	O	X	O	
United	SC01, 02A, 02B, 03, 04, 06, 07, 08, 10, 11, 12, 18, 19, SR01	O	O	O		O	I/O	I/O	O		I/O	O	I/O	I/O		X	O						I/O	X	I/O	
UPS	SC01, 02A, 02B, 03, 04, 06, 07, 08, 10, 12, 17, 18, 19, SR01	O	O	X			O	O	O	X	I/O	O	O	O		X	O					O	O	X	O	
US Airways	SC01, 02A, 02B, 03, 04, 07, 08, 10, 11, 12, 14, 17, 18, 19, SR01	O	O			O	O	I	O	I/O	I/O		I/O	I		X	I		O			O	I/O	X	I/O	

Industrial Activity Category

- SC01 - Non-Storm Water Management
- SC02A - Outdoor Equipment Ops and Maintenance Areas
- SC02B - Aircraft, Ground Vehicle and Equipment Maintenance
- SC03 - Aircraft, Ground Vehicle and Equipment Fueling
- SC04 - Aircraft, Ground Vehicle and Equipment Cleaning
- SC05 - Aircraft Deicing/ Anti-Icing
- SC06 - Outdoor Loading/Unloading of Materials
- SC07 - Outdoor/Indoor Material Storage
- SC08 - Waste Handling and Disposal
- SC09 - Building and Grounds Maintenance
- SC10 - Employee Training

- SC11 - Lavatory Service Operation
- SC12 - Outdoor Washdown/Sweeping (Apron Washing, Ramp Scrubbing)
- SC13 - Fire Fighting Foam Discharge
- SC14 - Potable Water System Flushing
- SC15 - Runway Rubber Removal
- SC16 - Parking Lots
- SC17 - Storm Drain Maintenance
- SC18 - Housekeeping
- SC19 - Safer/ Alternative Products
- SR01 - Spill Prevention, Control, and Clean-up
- TC01 - Treatment Controls

Codes:

- BMP - Best Management Practices
- O - The industrial activity is performed by the tenant outdoors
- I - The industrial activity is performed by the tenant indoors
- I/O - The industrial is performed by the tenant both indoors and outdoors
- X - Indicates the activity applies to the tenant identified, without distinction regarding indoor/outdoor



Table 9 - Activity Tracking for Program Effectiveness Assessment

Permit Section/Topic	Activity Tracked
D.1. Development Planning	Projects subject to SUSMP requirements
D.2. Construction	High priority construction sites subject to inspection
	Medium/low priority construction sites subject to inspection
	Enforcement Actions
	Construction projects referred to RWQCB for enforcement of State General Construction Storm Water Permit
D.3.a Municipal	High priority municipal operations subject to inspection
	Quantity of debris and material removed from the MS4
	Quantity of debris and material captured by street sweeping
D.3.b Industrial and Commercial	High priority industrial/commercial operations subject to inspection
	Medium/low priority industrial/commercial operations subject to inspection
	Enforcement Actions
	Industrial operations referred to RWQCB for enforcement of State General Industrial Permit
	Program Manager
D.4 IDDE	Dry weather monitoring locations monitored
	IDDE events reported
	Enforcement Actions
D.5 Education	Stormwater-related education materials
	Stormwater education mechanisms for the general public
	Stormwater education mechanisms for Authority staff
	Stormwater education mechanisms for airport tenants/service providers
	Stormwater education mechanisms for construction project managers, developers, and contractors
D.6 Public Participation	Types of participation mechanisms for the general public
	Types of participation mechanisms for airport tenants/service providers
	Types of participation mechanisms for Authority staff

Tables

