

STORMWATER POLLUTION PREVENTION FOR INDUSTRIAL BUSINESSES

AREAWIDE STORM WATER PROGRAM

The City of Ontario is regulated under an Areawide Urban Storm Water Runoff Permit (NPDES Order No. R8 2010-0036), issued by the Santa Ana Regional Water Quality Control Board. This permit requires all businesses and construction contractors conducting work in the City, to implement Best Management Practices (BMPs), to eliminate the discharge of pollutants into the City Storm Water Drainage System.

SEPARATE SEWER SYSTEMS

The City of Ontario operates and maintains separate collection systems for sanitary sewage flow and stormwater drainage. Wastewater entering the sanitary sewer, through building drains, sinks and toilets, is treated at a regional sewage treatment plant before being discharged into the Santa Ana River. Stormwater and all other discharges enter the Municipal Separate Storm Sewer System (MS4) via street gutters and catch basins. This water flows untreated to flood control channels which discharge to groundwater recharge basins, local creeks and the Santa Ana River. Ultimately the Santa Ana River flows to the Pacific Ocean. Along the way to the ocean, untreated pollutants in stormwater impact local water supplies and wildlife habitat.

REQUIRED STORMWATER BEST MANAGEMENT PRACTICES

In order to enforce the requirements of the Areawide NPDES Permit, the Ontario Municipal Code, Section 6-6 (Attachment I) lists the prohibited discharges to storm drains and requires all industrial businesses, to implement Best Management Practices(BMPs) to prevent pollution of the City's stormwater drainage system. BMPs for industrial businesses include the following:

- Industrial business owners shall be familiar with stormwater BMPs and shall educate and train their employees and contractors to implement these practices, at the business site.
- All business sites shall be maintained by regular sweeping of all paved areas to prevent sediment, trash, landscape waste and debris from entering storm drains.
- Raw materials, finished products, scrap metal, waste cardboard and plastics, used equipment, chemicals and trash shall be stored under cover, to prevent exposure to rainfall.
- All trash dumpsters shall have working lids, and shall be kept covered, at all times. Roll-off waste containers shall have tarps available to cover and secure, during rainstorms.
- All hazardous waste generated at businesses shall be properly contained, stored and disposed of.
- Vehicles and equipment shall not be washed on outside paved areas unless the business has a drainage system to collect, contain and dispose of the wastewater, other than to the storm drain.
- All industrial process wastewater, floor cleanup water and equipment cleaning water shall be directed to building drains and not to a stormdrain or gutter.
- Cooling tower blowdown water shall be directed into a sanitary or industrial sewer connection.
- Containment and proper disposal of all other wastes or wastewaters from Industrial Businesses shall be implemented to prevent pollutants from entering streets, gutters or storm drains.

All non-domestic wastewater from industrial businesses within the City of Ontario must be discharged into the City's sanitary sewer, via a permitted connection or waste liquids shall be contained onsite and hauled to a legally approved disposal facility. Prior to the construction of any new building drains connecting to the City's sewer system, all property owner's shall obtain a plumbing permit from the City's Building Department and those applicants proposing to discharge non-domestic wastewater into the sewer shall notify the City's Building Department and the Ontario Municipal Utilities Company, Utilities Department. In some cases, pretreatment equipment, source control measures and/or issuance of an industrial wastewater discharge permit may be required, prior to sewer connection. Please direct any industrial wastewater permitting questions to the Ontario Municipal Utilities Company at (909) 395-2600. For questions regarding the proper disposal of hazardous waste materials, see the information below.

STATE WATER BOARD'S GENERAL STORMWATER PERMIT

In addition to the above requirements, businesses with SIC codes listed in Attachment II under Items 1- 9, are required to either obtain coverage under the General Permit for Stormwater Discharges Associated with Industrial Activities or apply for a No Exposure Certification, prior to obtaining a business license with the City. Existing businesses with permit coverage, must reapply under the newly adopted permit by July 1, 2015 and existing businesses that have submitted a Notice of Non-Applicability (NONA) must apply for a No Exposure Certification (NEC) by October 1, 2015. The following is the link to either apply for coverage under the permit or to obtain a NEC: <https://smarts.waterboards.ca.gov/smarts/faces/SwSmartsLogin.jsp>. Following a business's application for permit coverage or request for a NEC, the State Board will send the business an invoice and a Waste Discharger Identification (WDID) number. The City's Engineering Department requires businesses to submit the WDID number prior business license issuance.

To obtain a No Exposure Certification (NEC), all industrial materials, equipment, wastes and process activities must be under a storm-resistant shelter. A storm-resistant shelter is defined as a completely roofed and walled building/structure or a structure with only a top cover with permanent supports, but with no side coverings. For more information on obtaining NEC, please see Attachment III enclosed or visit the following website: http://www.waterboards.ca.gov/water_issues/programs/stormwater/industrial.shtml.

COUNTY FIRE DEPARTMENT HAZARDOUS MATERIALS AND WASTE PERMITS

For information regarding the proper storage, labeling and disposal requirements for hazardous waste, contact the County of San Bernardino Fire Department at (909) 386-8401. The County Fire Department requires businesses generating or handling certain quantities of hazardous materials to prepare a Business Plan and obtain Hazardous Waste Permits. For more information visit the County Fire Department's website at www.sbcfire.org. For information on the County Fire Department's Hazardous Waste Disposal Program for Conditionally Exempt Small Quantity Generators(CESQGs) of Hazardous Waste, please see Attachment IV enclosed.

STORMWATER PROGRAM BMP INFORMATION RESOURCES

For a complete list of BMPs applicable to Industrial Businesses, please see www.CABMPHandbooks.com. For additional information on these regulations, please contact the City of Ontario Engineering Department, Environmental Division at (909) 395-2025 or visit the San Bernardino County Stormwater Program website at www.sbcounty.gov/stormwater or contact Nam Nguyen with the Regional Water Quality Control Board at (951) 321-4582. By implementing stormwater BMPs Industrial Businesses can help prevent pollution of local storm drains, storm channels, groundwater recharge basins, creeks, the Santa Ana River and the Pacific Ocean. These efforts assist the City of Ontario in complying with the goals of the County Stormwater Program.

ATTACHMENT I

Chapter 6, Title 6, Article 2. Section 6-6.206–213 of the Ontario Municipal Code “Storm Water Drainage System”

Sec. 6-6.206. Prohibited Discharges

It is prohibited to:

- (1) Discharge non-storm water directly or indirectly to the City's storm water drainage system, or any street, lined or unlined drainage channel which leads to the City's storm drain or directly or indirectly into any waters of the state unless such discharge is authorized by either a separate NPDES Permit or as otherwise specified in Sec.6-6.207 of this chapter. If such discharge is permitted by a NPDES permit or is generally exempted, but causes the City to violate any portion of its NPDES Permits for storm water discharges, such discharge is also prohibited;
- (2) Discharge storm water into the City's storm water drainage system containing pollutants that have not been reduced to the maximum extent practicable;
- (3) Throw, deposit, leave, maintain, keep, or permit to be thrown, deposited, placed, left or maintained, any refuse, garbage, sediment or other discarded or abandoned objects, articles, and accumulations, in or upon any street, alley sidewalk, storm drain, inlet, catch basin, conduit or other drainage structures, business place, or upon any public or private lot of land in the City, so that the same may be and/or may become a pollutant.
- (4) Throw or deposit any refuse, garbage or any other pollutants into any fountain, pond, lake, stream or any other body of water in a park or elsewhere within the City.
- (5) Discharge any of the following types of waste into the City's storm water drainage system:
 - (a) Sewage;
 - (b) Surface cleaning wash water resulting from mopping, rinsing, pressure washing or steam cleaning of gas stations, and vehicle service businesses or any other business;
 - (c) Discharges resulting from the cleaning, repair, or maintenance of any type of equipment, machinery, or facility including motor vehicles, concrete mixing equipment, portable toilet servicing, etc.;
 - (d) Wash water from mobile auto detailing and washing, steam and pressure cleaning, carpet cleaning, drapery and furniture cleaning, etc.;
 - (e) Waste water from cleaning municipal, industrial, commercial, residential areas (including parking lots), streets, sidewalks, driveways, patios, plazas, work yards and outdoor eating or drinking areas, containing chemicals or detergents and without prior sweeping, etc.;

- (f) Storm water runoff from material or waste storage areas containing chemicals, fuels, grease, oil or other hazardous materials or contaminated equipment;
- (g) Discharges from pool or fountain water containing chlorine, biocides, acids or other chemicals; pool filter backwash containing debris and chlorine;
- (h) Pet waste, yard waste, debris, sediment, etc.;
- (i) Restaurant wastes such as grease, mop water, and wash water from cleaning dishes, utensils, laundry, floors, floor mats, trash bins, grease containers, food waste, etc.;
- (j) Chemicals or chemical waste;
- (k) Medical wastes;
- (l) Blow down or bleed water from cooling towers and boilers, regenerative brine waste from water softeners or reverse osmosis treatment systems;
- (m) Materials or chemical substances that cause damage to the City's storm water drainage system;
- (n) Any other material that causes or contributes to a condition of contamination, nuisance or pollution in the City's storm drainage system or causes a violation of any waste disposal regulations, waste discharge requirements, water quality standards or objectives adopted by the State Water Resources Control Board, Regional Water Quality Control Board, EPA, San Bernardino County Fire Hazmat, San Bernardino County Flood Control District or any other public agency with jurisdiction.

Sec. 6-6.207. Exceptions to the Prohibited Discharges

The following discharges of non-storm water into the City's storm drainage system are generally exempt from the Prohibited Discharges listed in Section 6-6.206 of this chapter. However, items #12-22, below, have been identified as potential significant sources of pollutants and require coverage under the Regional Board's De Minimus permit as well as prior approval by the City's Engineering Department, Environmental Section, before discharge (see *note below):

- (1) Discharges covered by NPDES permits or written clearances issued by the Regional or State Board;
- (2) Landscape irrigation, lawn watering, and irrigation water;
- (3) Water from crawl space pumps;
- (4) Air conditioning condensation;
- (5) Non-commercial car washing;
- (6) Rising ground waters and natural springs;

Attachment 1, cont.

- (7) Ground water infiltration as defined in 40 CFR 35.2005 (20) and uncontaminated pumped ground water;
- (8) Water flows from riparian habitats and wetlands;
- (9) Water flows generated from emergency response and/or fire fighting activities, however, appropriate BMPs shall be implemented to the extent practicable; BMPs must be implemented to reduce pollutants from non-emergency fire fighting flow;
- (10) Waters not otherwise containing wastes as defined in California Water Code Section 13050 (d),
- (11) Other types of discharges identified and recommended by the City and approved by the Regional Water Quality Control Board.
- (12) *Potable water line testing or flushing and other discharges from potable water sources;
- (13) *Water from fire hydrant testing and flushing using appropriate BMPs;
- (14) *Water from passive foundation drains or passive footing drains;
- (15) *Dechlorinated swimming pool discharges;
- (16) *Diverted stream flow;
- (17) *Wastes associated with well installation, development, test pumping and purging;
- (18) *Aquifer testing wastes;
- (19) *Discharges from hydrostatic testing of vessels, pipelines, tanks, etc.;
- (20) *Discharges from the maintenance of potable water supply pipelines, tanks, reservoirs, etc.;
- (21) *Discharges from the disinfection of potable water supply pipelines, tanks, reservoirs, etc.;
- (22) *Discharges from potable water supply systems resulting from system failures, pressure releases, etc.;

***Note:** The City of Ontario requires that a "Non-Storm Water Discharge Notification Form" be submitted to the Engineering Department for approval of these discharges, five days prior to any planned discharges or, as soon as possible, for any unplanned discharges. The Notification Form is available from the Engineering Department counter. Monitoring may also be required for these discharges.

The Regional Board may issue Waste Discharge Requirements for discharges exempted from NPDES requirements, if identified to be a significant source of pollutants. The Executive Officer of the Board may also add categories of non-storm water discharges that are not significant sources of pollutants or remove categories of non-storm water discharges listed above based upon a finding that the discharges are a significant source of pollutants. In this case, the list of exempted discharges, above, would be adjusted accordingly.

Sec. 6-6.208. Compliance with Best Management Practices (BMPs)

Any person undertaking any activity or operation in the City of Ontario that could potentially cause or contribute to storm water pollution or a discharge of non-storm water shall comply with all applicable Best Management Practices (BMPs) as listed in the California Storm Water Best Management Practice Handbooks or the current, San Bernardino County Storm Water Program's "Report of Waste Discharge", to reduce pollutants in storm water runoff and reduce non-storm water discharges to the City's storm water drainage system to the maximum extent practicable or to the extent required by law.

Sec. 6-6.209. Affirmative Defense

A discharger shall have an affirmative defense in any action brought against it alleging a violation of Section 6-6.206 of this chapter where the discharger can demonstrate it did not know or have reason to know that its discharge, alone or in conjunction with a discharge or discharges from other sources, would cause violation of this chapter or the Areawide Urban Storm Water Runoff Permit.

Sec. 6-6.210. Spill Containment

Persons storing chemicals or chemical waste outdoors shall be required to install spill containment subject to requirements established by the City Engineer and Federal, State and County Standards. Persons storing any other materials or equipment that are potential sources of storm water pollution are also required to install spill containment.

No person shall operate a spill containment system that could allow incompatible materials and/or wastes to mix, thereby creating hazardous or toxic substances in the event of failure of one or more containers.

Spill containment systems shall consist of a system of dikes, walls, barriers, berms and/or other devices designed to contain the spillage of the liquid contents of the containers stored in them and to minimize the buildup of storm water from precipitation, and run-on from roof drainage and outside areas. If the spill containment system does not have a roof which covers the entire contained area, the spill containment system shall have the capacity to contain precipitation from at least a 24 hour, 25 year rainfall event plus ten (10) percent of the total volume of the material stored there or the volume of the largest container, whichever is greater. Spill containment systems shall also be constructed of impermeable and non-reactive materials to the materials and/or wastes being contained.

Spilled and/or leaked materials and/or wastes and any accumulated precipitation shall be removed from the spill containment system in as timely a manner as is necessary to prevent the overflow of the spill containment system. Unless otherwise approved by the City Engineer, all chemicals or wastes discharged within the spill containment system shall be disposed of in accordance with all applicable Federal, State, and local rules, regulations, and laws, and shall not be discharged into the City's sanitary sewer system, storm water drainage system or onto the ground.

Sec. 6-6.211. Immediate Notification of Accidental Discharge

Protection of the City's storm water drainage system from the accidental discharge of prohibited materials or wastes is the responsibility of the person or persons in charge of such material. Detailed plans showing facilities and operating procedures to provide this protection shall be submitted to the City for review, and shall be approved by the City Engineer prior to any construction. All new and existing dischargers shall complete such a plan. Review and approval of such plans and operating procedures shall not relieve the discharger from the responsibility to modify his or her facility as necessary to meet the requirements of this chapter.

A notice shall be permanently posted in a prominent place advising employees whom to contact in the event of an accidental discharge. Employers shall ensure that all employees are advised of the emergency notification procedures. In the event of an accidental discharge, it is the responsibility of the discharger to immediately telephone and notify the proper authorities.

All discharges released into the City's storm water drainage system, including a street or gutter, shall be immediately reported to the City's Engineering Department and Fire Department. All discharges that pose a threat to human health or the environment shall be reported to the Executive Officer of the California Regional Water Quality Control Board within 24 hours by telephone or e-mail and followed with a written report of the spill event within 5 days. At minimum, all sewage spills over 1,000 gallons and all reportable quantities of hazardous materials or hazardous waste shall be reported within 24 hours.

Sec. 6-6.212. Written Notification of Accidental Discharge

Within five (5) working days following an accidental discharge into the City's storm water drainage system, the person or persons in charge of the material and/or waste which was accidentally discharged shall submit a written report to the City Engineer. The report shall describe in detail the type and volume of the material and/or waste and the cause of the discharge. The report shall also describe in detail all corrective actions taken and measures to be taken to prevent future occurrences.

Such notification of the accidental discharge shall not relieve the user of any fines or civil penalties incurred as a result of the event or any other liability which may be imposed by this chapter or other applicable laws.



Engineering Department

Top Ten Most Common Stormwater Runoff Violations for Industrial Businesses

- 1) Trash dumpster lids are left open or drain plugs are missing.
- 2) Open roll-off containers, stored outside, with exposed waste material or recycling waste;
- 3) Accumulations of trash, debris, sediment and abandoned waste in the trash enclosure, outside the dumpsters and under roll-off containers and trash compactors;
- 4) Accumulations of trash, litter, plastic pellets, plastic and metal safety seals, bolts, screws, nuts, packaging materials, sediment and other debris in loading dock areas, loading dock drains and under outdoor industrial material/equipment and parts storage areas;
- 5) Outdoor storage of raw materials, finished products, used equipment and parts on paved areas, and without cover;
- 6) Vehicle/equipment/forklift maintenance conducted outside of buildings, on paved and unpaved areas with resultant discharges of oils/fluids/grease/debris and outside storage of used batteries and parts;
- 7) Deposition of airborne particulates onto outside paved areas and building roofs from industrial processes conducted outside or inside of buildings;
- 8) Tracking of metal fines, sawdust and other fine particles from inside buildings to outside paved areas from forklift and truck traffic;
- 9) Outside chemical storage including waste oil, paint, flammables and corrosives without cover or secondary spill containment;
- 10) Illegal discharges of vehicle/equipment cleaning wastewater onto outside paved areas including discharges of mop water and floor scrubber waste, with drainage to public streets or storm drain inlets.

POLLUTION PREVENTION

To reduce the amount of pollutants reaching our storm drain system, which leads to the Santa Ana River and Pacific Ocean, the San Bernardino County Stormwater Program has developed Best Management Practices (BMPs) for Industrial and Commercial Facilities. City and County ordinances require that businesses comply with these BMPs, where applicable, to protect local water quality. Local cities and the County are required to verify implementation of these BMPs by performing regular facility inspections.

STORMWATER

Industrial and Commercial Facilities

- Report all prohibited discharges and non-implementation of BMPs to your local Stormwater Coordinator either at (800) CLEANUP or as listed at www.sbcounty.gov/stormwater.
- Report hazardous materials spills to (800) 33 TOXIC and your local Fire Department Hazmat Team at 911.

Treating

Train employees in spill response procedures and prohibited discharges to the storm drain system, as prescribed in your local Stormwater Ordinance and in applicable Best Management Practices available at www.cabmphandbooks.com and www.sbcounty.gov/stormwater.

Permitting

Stormwater discharges associated with specific categories of commercial and industrial facilities are regulated by the State Water Resources Control Board (SWR/CB) through an Industrial Storm Water General Permit. A copy of the General Permit and application forms are available at: www.waterboards.ca.gov/stormwater/industrial.html

To report illegal dumping or for more information on stormwater pollution prevention, call:

1 (800) CLEANUP

or visit our websites at:
www.sbcounty.gov/stormwater
www.1800cleanup.org



Prohibited Discharges

- Discontinue all non-stormwater discharges to the storm drain system. It is prohibited to discharge any chemicals, wastes or wastewater into the gutter, street or storm drain.

Outdoor Storage

- Install covers and secondary containment areas for all hazardous materials and wastes stored outdoors in accordance with County and/or City standards.
- Keep all temporary waste containers covered, except when in direct use.
- Sweep outdoor areas instead of using a hose or pressure washer.

Outdoor Processes

- Move all process operations including vehicle and equipment maintenance inside of the building or into a covered and contained area.
- Wash equipment and vehicles in a contained and covered wash bay which is closed-loop or connected to a clarifier sized to city standards, then discharged to a sanitary sewer or take them to a commercial car wash.

Spills and Clean Ups

- Clean up spills immediately when they occur, using dry clean up methods such as absorbent materials and followed by proper disposal of materials.
- Always have a spill kit available near chemical loading dock doors, vehicle maintenance and fueling areas.



Prevención de Contaminación AL SISTEMA DE DRENAJE

Para reducir la cantidad de contaminantes que alcanzan nuestro sistema de aguas pluviales, las cuales desembocan en el río Santa Ana y el Océano Pacífico, el Programa del Condado de San Bernardino ha desarrollado las pautas de Mejores Prácticas de Manejo (BMPs), por sus siglas en inglés, para instalaciones industriales y comerciales. Los decretos de la ciudad y del condado establecen que todas las empresas deben de cumplir con estas BMPs, cuando es responsable, para proteger la calidad del agua local. Las ciudades locales y el condado tienen la obligación de verificar la implementación de estas BMPs al llevar a cabo inspecciones regulares en sus instalaciones.

Desagüe de Materiales Peligrosos

- Desagüe todo desagüe de aguas no pluviales al sistema de drenaje de aguas pluviales. Está prohibido desaguar cualquier sustancia química, residuo o agua residual a los drenajes de la curra, de la calle o de aguas pluviales.
- **Procedimientos al Aire Libre**
 - Instale cubiertas y áreas de retención secundarias para todos los materiales peligrosos y residuos almacenados al aire libre, estas instalaciones deberán de cumplir con los estándares establecidos por el condado y/o la ciudad.
 - Mantenga todos los recipientes temporales de residuos cubiertos, con la excepción de cuando se estén utilizando directamente.
 - Barra todos las áreas al aire libre en lugar de usar una manguera o un equipo de limpieza con agua a alta presión.

Procedimientos al Aire Libre

- Retienga todos los procesos u operaciones, incluyendo el mantenimiento de vehículos y equipo, dentro de un edificio en una área cubierta e independiente.
- Lave el equipo y los vehículos en una fosa de lavado independiente que tenga un anillo cerrado o bien, esté conectada a un clarificador del tamaño de los estándares municipales, luego elimine los residuos en un drenaje sanitario o lívelos a un lavador de carros comercial.

Barros y Lodos

- Limpie los derrames inmediatamente, utilice métodos de absorción y elimine estos materiales de la manana adecuada.
- Siempre tenga a la mano un estucho para derrames cerca de las puertas de los niveles de almacenamiento químicos en las

Instalaciones Industriales y Comerciales

Condado marcando al (909) 386-8401.

- Reporte todos los desagües prohibidos y cualquier punto no implementado de las BMPs a su coordinador local de Aguas Pluviales llamando al (800) CLEANUP o como se indica en el enlace www.sbcounty.gov/stormwater.
- Reporte cualquier derrama peligrosa al (800) 33 TOXIC y al equipo Hazmat de su departamento local de bomberos marcando al 911.

Responsabilidades

Capacite a los empleados sobre los procedimientos de respuesta ante un derrame y los desagües prohibidos al sistema de aguas pluviales, como lo indica el decreto local de aguas pluviales de Mejores Prácticas de Manejo (BMPs) disponibles en el sitio www.sbcounty.gov/stormwater.

Autoservicio

Los desagües de aguas pluviales relacionados con categorías específicas de instalaciones comerciales e industriales están regulados por la Junta Estatal de Control de Recursos Acuáticos (State Water Resources Control Board, SWRCB) a través de un permiso industrial general de aguas pluviales. Para obtener una copia de este permiso general y una solicitud, visite el sitio: www.waterboards.ca.gov/stormwater/industrial.html

Para reportar el desagüe de residuos ilegales o para obtener información adicional sobre la prevención de contaminación a las aguas pluviales, llame a:

1 (800) CLEANUP

o visite nuestro sitio:

www.sbcounty.gov/stormwater
www.1800cleanup.org



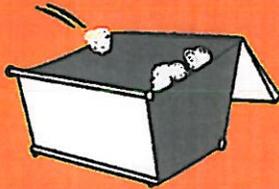
COMMERCIAL TRASH ENCLOSURES

FOLLOW THESE TIPS TO KEEP OUR WATERWAYS CLEAN

Trash enclosures, such as those found in commercial and apartment complexes, typically contain materials that are intended to find their way to a landfill or a recycling facility. These materials are NOT meant to go into our local lakes and rivers.

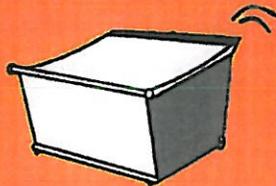
PROTECT WATER QUALITY BY FOLLOWING THESE SIMPLE STEPS

PUT TRASH INSIDE



Place trash inside the bin (preferably in sealed bags)

CLOSE THE LID



Prevent rain from entering the bin in order to avoid leakage of polluted water runoff

KEEP TOXICS OUT



- Paint
- Grease, fats and used oils
- Batteries, electronics and fluorescent lights

SOME ADDITIONAL TIPS, INCLUDE

✓ SWEEP FREQUENTLY

Sweep trash enclosure areas frequently, instead of hosing them down, to prevent polluted water from flowing into the streets and storm drains.

✓ FIX LEAKS

Address trash bin leaks immediately by using dry clean up methods and report to your waste hauler to receive a replacement.

✓ CONSTRUCT ROOF

Construct a solid cover roof over the existing trash enclosure structure to prevent rainwater from coming into contact with trash and garbage. Check with your local City for Building Codes.

In San Bernardino County, stormwater pollution is caused by items such as trash, bacteria and other wastes that unintentionally end up going into the storm drain system and then leading straight to our waterways- untreated! You can be a part of the solution by maintaining a water-friendly trash enclosure.

THANK YOU FOR HELPING TO KEEP SAN BERNARDINO CLEAN AND HEALTHY!



To report illegal dumping (877-WASTE18) or to find a hazardous waste facility (800-OILY CAT): sbcountystormwater.org

Big Bear • Chino • Chino Hills • Colton • Fontana • Grand Terrace • Highland • Loma Linda • Redlands • Ontario • Rancho Cucamonga • Redlands • Rialto • San Bernardino • Upland • Yucaipa

ATTACHMENT II

LIST OF STANDARD INDUSTRIAL CLASSIFICATION (SIC) CODES
AND BUSINESS TYPES REQUIRED TO OBTAIN COVERAGE UNDER THE
STATE WATER RESOURCES STORM WATER GENERAL PERMIT

**FACILITIES COVERED BY NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
GENERAL PERMIT FOR STORM WATER DISCHARGES ASSOCIATED WITH INDUSTRIAL
ACTIVITIES (GENERAL PERMIT)**

1. Facilities Subject To Storm Water Effluent Limitations Guidelines, New Source Performance Standards, or Toxic Pollutant Effluent Standards Found in 40 Code of Federal Regulations, Chapter I, Subchapter N (Subchapter N):

Cement Manufacturing (40 C.F.R. Part 411); Feedlots (40 C.F.R. Part 412); Fertilizer Manufacturing (40 C.F.R. Part 418); Petroleum Refining (40 C.F.R. Part 419), Phosphate Manufacturing (40 C.F.R. Part 422), Steam Electric (40 C.F.R. Part 423), Coal Mining (40 C.F.R. Part 434), Mineral Mining and Processing (40 C.F.R. Part 436), Ore Mining and Dressing (40 C.F.R. Part 440), Asphalt Emulsion (40 C.F.R. Part 443), Landfills (40 C.F.R. Part 445), and Airport Deicing (40 C.F.R. Part 449).

2. Manufacturing Facilities:

Facilities with Standard Industrial Classifications (SICs) 20XX through 39XX, 4221 through 4225. (This category combines categories 2 and 10 of the previous general permit.)

3. Oil and Gas/Mining Facilities:

Facilities classified as SICs 10XX through 14XX, including active or inactive mining operations (except for areas of coal mining operations no longer meeting the definition of a reclamation area under 40 Code of Federal Regulations. 434.11(1) because the performance bond issued to the facility by the appropriate Surface Mining Control and Reclamation Acts authority has been released, or except for areas of non-coal mining operations which have been released from applicable State or Federal reclamation requirements after December 17, 1990) and oil and gas exploration, production, processing, or treatment operations, or transmission facilities that discharge storm water contaminated by contact with or that has come into contact with any overburden, raw material, intermediate products, finished products, by-products, or waste products located on the site of such operations. Inactive mining operations are mining sites that are not being actively mined, but which have an identifiable owner/operator. Inactive mining sites do not include sites where mining claims are being maintained prior to disturbances associated with the extraction, beneficiation, or processing of mined material; or sites where minimal activities are undertaken for the sole purpose of maintaining a mining claim.

4. Hazardous Waste Treatment, Storage, or Disposal Facilities:

Hazardous waste treatment, storage, or disposal facilities, including any facility operating under interim

status or a general permit under Subtitle C of the Federal Resource, Conservation, and Recovery Act.

5. Landfills, Land Application Sites, and Open Dumps:

Landfills, land application sites, and open dumps that receive or have received industrial waste from any facility within any other category of this Attachment; including facilities subject to regulation under Subtitle D of the Federal Resource, Conservation, and Recovery Act, and facilities that have accepted wastes from construction activities (construction activities include any clearing, grading, or excavation that results in disturbance).

6. Recycling Facilities:

Facilities involved in the recycling of materials, including metal scrapyards, battery reclaimers, salvage yards, and automobile junkyards, including but limited to those classified as Standard Industrial Classification 5015 and 5093.

7. Steam Electric Power Generating Facilities:

Any facility that generates steam for electric power through the combustion of coal, oil, wood, etc.

8. Transportation Facilities:

Facilities with SICs 40XX through 45XX (except 4221-25) and 5171 with vehicle maintenance shops, equipment cleaning operations, or airport deicing operations. Only those portions of the facility involved in vehicle maintenance (including vehicle rehabilitation, mechanical repairs, painting, fueling, and lubrication) or other operations identified under this Permit as associated with industrial activity.

9. Sewage or Wastewater Treatment Works:

Facilities used in the storage, treatment, recycling, and reclamation of municipal or domestic sewage, including land dedicated to the disposal of sewage sludge, that are located within the confines of the facility, with a design flow of one million gallons per day or more, or required to have an approved pretreatment program under 40 Code of Federal Regulations part 403. Not included are farm lands, domestic gardens, or lands used for sludge management where sludge is beneficially reused and are not physically located in the confines of the facility, or areas that are in compliance with Section 405 of the Clean Water Act.

ATTACHMENT III

STATE WATER RESOURCES CONTROL BOARD
NO EXPOSURE CERTIFICATION INFORMATION

Does your facility qualify for the No Exposure Certification?



Obtaining NEC Coverage

A Discharger must electronically certify and submit NEC Permit Registration Documents (PRDs) via State Water Resources Control Board's (State Water Board's) Storm Water Multi-Application and Report Tracking System (SMARTS) to obtain NEC coverage. This conditional exclusion does not become effective until the PRDs are submitted and the annual fee is paid. Upon receipt of the annual fee, the Discharger will electronically receive an NEC acceptance notification via SMARTS, which will include a Waste Discharge Identification (WDID) number.

A Discharger must maintain a condition of "No Exposure" at the facility for the conditional exclusion to remain applicable. The Discharger must annually electronically re-certify the NEC via SMARTS to confirm that the conditions of "no exposure" are being maintained.



What is the No Exposure Certification?

A discharger is conditionally excluded from specific permit requirements if the Discharger can certify that a condition of "No Exposure" exists at the industrial facility.

A condition of "No Exposure" means that a Discharger's industrial activities and materials are not exposed to storm water. Industrial storm water discharges from construction and land disturbance activities are ineligible for the NEC coverage.

Dischargers who file valid NECs in accordance with these instructions are not required to implement Best Available Technology Economically Achievable / Best Conventional Pollutant Control Technology and comply with the Storm Water Pollution Prevention Plan (SWPPP) and monitoring requirements of the General Permit.

State Water Resources Control Board

Storm Water Section
PO Box 1977
Sacramento, CA 95812-1977

Email: stormwater@waterboards.ca.gov
Phone: 1-866-563-3107
Fax: (916) 341-5543



Photo source: www.pca.state.mn.us

Typical No Exposure Facility

Definition of No Exposure

- a. No Exposure means all industrial materials and activities are protected by a storm-resistant shelter to prevent exposure to rain, snow, snowmelt and/or runoff.
- b. Industrial materials and activities include, but are not limited to, material-handling equipment or activities; industrial machinery; raw materials, intermediate products, by-products, and final products; or waste products.
- c. Material handling activities include storage, loading and unloading, transport, or conveyance of any raw material, intermediate product, by-product, final product, or waste product.
- d. Final products intended to be used outdoors (e.g., automobiles) typically pose little risk of polluting storm water since not typically contaminated with pollutants that become mobilized by contact with storm water. Final products are exempt from the requirement for protection by a storm-resistant shelter to qualify for no exposure. Similarly, containers, racks, and other transport platforms (e.g., wooden pallets) used for the storage or conveyance of final products may also be stored outside if pollutant-free or pollutants do not mobilize via contact with storm water.

- e. Storm-resistant shelters include: (1) completely roofed and walled buildings or structures, (2)

structures with only a top cover (no side coverings) supported by permanent supports, provided material within the structure is not subject to wind dispersion (sawdust, powders, etc.) or track-out.

"Light industry" facility dischargers who were excluded from coverage under the previous permit and who meet the no exposure conditions must submit the NEC on or before October 1, 2015. Dischargers who have not submitted an NEC or applied for permit coverage by this due date will be considered out of compliance and subject to Water Board enforcement.

Dischargers who have NOI coverage may register for NEC coverage at any time following completion of facility changes. NEC coverage is available on a facility-wide basis only, not for individual drainage areas or discharge locations. Generally, if any exposed industrial materials or activities exist, or have a potential to exist, anywhere at a facility, NEC coverage is not applicable to the facility. If the Regional Water Board determines that a facility does have exposure or the facility's storm water discharges have a reasonable potential to cause or contribute to an exceedance of applicable water quality objectives/standards, the Regional Water Board can deny NEC coverage

NOT an example of No Exposure
(moving intermediate products or raw materials
NOT intended to be outdoors)



Photo source: www.thompsonhardwoods.com

NEC Checklist

The Discharger must certify that none of the following materials or activities are, or will be in the foreseeable future, exposed to precipitations:

1. Using, storing or cleaning industrial machinery or equipment, and areas where residuals from using, storing or cleaning industrial machinery or equipment remain and are exposed;
2. Materials or residuals on the ground or in storm water inlets from spills/leaks;
3. Materials or products from past industrial activity;
4. Material handling equipment (except adequately maintained vehicles);
5. Materials or products during loading/unloading or transporting activities;
6. Materials or products stored outdoors (except final products intended for outside use, i.e., new cars, where exposure to storm water does not result in the discharge of pollutants);
7. Materials contained in open, deteriorated or leaking storage drums, barrels, tanks, and similar containers;
8. Materials or products handled/stored on roads or railways owned or maintained by the Discharger;
9. Waste material (except waste in covered, non-leaking containers, i.e., dumpsters);
10. Application or disposal of processed wastewater (unless already covered by an NPDES permit); and
11. Particulate matter or visible deposits of residuals from roof stacks/vents evident in the storm water outflow.

ATTACHMENT IV

COUNTY OF SAN BERNARDINO FIRE DEPARTMENT
CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR (CESQG) INFORMATION

WASTE TYPE AND COST

There is a small handling fee involved in the collection of hazardous waste from your business. Disposal costs depend on the type of waste.

Aerosols	\$1.29/lb.
Automobile motor oil	\$.73/gal.
Anti-freeze	\$1.57/gal.
Contaminated oil	\$4.48/gal.
Car batteries	\$.62/ea.
Corrosive liquids, solids	\$2.80/lb.
Flammable solids, liquids	\$1.57/lb.
Latex Paint	\$.73/lb.
Mercury	\$10.08/lb.
NiCad/Alkaline Batteries	\$2.13/lb.
Oil Base Paints	\$1.00/lb.
Oil Filters	\$.56/ea.
Oxidizers	\$9.63/lb.
PCB Ballasts	\$5.94/lb.
Pesticides (most)	\$2.91/lb.
Photofixer, developer	\$4.31/gal.
Television & Monitors	\$11.20/ea.
Additional Handling	\$138.00/hr.

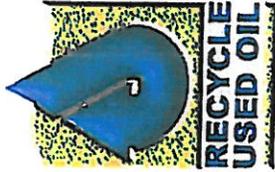
Rates subject to change without notice

WE CANNOT ACCEPT

- * Radioactives
- * Water reactives
- * Explosives
- * Compressed gas cylinders
- * Medical or biohazardous waste
- * Asbestos
- * Remediation wastes

San Bernardino County Fire Department
CESQG Program
2824 East "W" Street
San Bernardino, CA 92415-0799
Phone: 909-382-5401
Fax: 909-382-5413
www.sbcfire.org/hazmat/fhw.asp
Email: ischwah@sbcfire.org

Used Oil AND Filters ARE 100% RECYCLABLE!



Revised August 2008

Conditionally
ACCEPTED
MAIL
IDENTITY
GENERATOR
PROGRAM

HAZARDOUS
WASTE
Disposal
FOR SMALL
BUSINESSES

WHAT IS A CESQG?

Businesses that generate 27 gallons or 220 lbs. of hazardous waste, or 2.2 lbs. of extremely hazardous waste per month are called "Conditionally Exempt Small Quantity Generators," or CESQs. San Bernardino County Household Hazardous Program provides waste management services to CESQG businesses. The most common CESQs in San Bernardino County are painters, print shops, auto shops, builders, agricultural operators and property managers, but there are many others. When you call, be ready to describe the types and amounts of waste your business generates in a typical month. If you generate hazardous waste on a regular basis, you must:



- * Register with San Bernardino County Fire Department (909) 386-8401 as a hazardous waste generator.
- * To obtain an EPA ID# and application form from the State visit www.dtsc.ca.gov.
- * Manage hazardous waste in accordance with all applicable local, state and federal laws and regulations.

How Do I Get Service?

To arrange an appointment for the CESQG Program, call 1-800-645-9228 or 909-382-5401. Be ready to describe the type and amount of hazardous waste your business is ready to dispose of, and the types and size(s) of containers that the waste is in.



PROGRAMS FOR SMALL BUSINESSES

Why is the FIRE DEPARTMENT Collecting HAZARDOUS WASTE?

Small Quantity Generators often have difficulty disposing of small quantities of hazardous waste. Hazardous waste companies usually have a minimum amount of waste that they will pick up, or charge a minimum fee for service. Typically, the minimum fee exceeds the cost of disposal for the hazardous waste. This leaves the small quantity generator in a difficult situation. Some respond by storing hazardous waste until it becomes economical for the hazardous waste transporter to pick it up, putting the business out of compliance by exceeding regulatory accumulation time limits. Other businesses simply store their hazardous wastes indefinitely, creating an unsafe work environment and exceeding accumulation time limits. Yet other businesses attempt to illegally dispose of their waste at household hazardous waste collection facilities. These facilities are not legally permitted to accept commercial wastes, nor are prepared to provide legal documentation for commercial hazardous waste disposal. In answer to the problems identified above, the San Bernardino County Fire Department Household Hazardous Program instituted the Conditionally Exempt Small Quantity Generator Program.



PAYMENT FOR SERVICES

The CESQG Program will prepare an invoice for your business at the time of service. You can pay at the time of service with cash or a check, or you can mail your payment to the Fire Department within 30 days. Please note that we do not accept credit card payments. The preferred method of payment is to handle payment at time of service. Additional charges may apply for accounts not paid within 30 days.



ARE THERE ANY OTHER WAYS THAT I CAN SAVE MONEY ON HAZARDOUS WASTE DISPOSAL?

Yes! First, start by reducing the amount of waste that you produce by changing processes or process chemicals, at your business. Next, examine if there is a way that you can recycle your waste back into your processes. Network with similar businesses or trade associations for waste minimization and pollution prevention solutions.



WHAT IF YOUR BUSINESS DOES NOT QUALIFY?

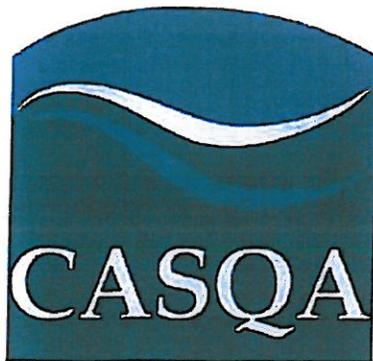
Call the San Bernardino County Fire Department Field Services Division for assistance with hazardous waste management at 909-386-8401. If you reduce the amount of waste you generate each month to 27 gallons or less, you may qualify in the future.



WHAT HAPPENS TO YOUR HAZARDOUS WASTE?

Hazardous waste collected by the CESQG Program is transported to a state permitted processing facility in San Bernardino. The waste is further processed at this point and packaged for off-site recycling (oil filters, oil, latex paint, antifreeze, and batteries) or destructive incineration (pesticides, corrosives, flammables, oil based paint).





Industrial and Commercial Handbook

The Industrial and Commercial Handbook provides general guidance for selecting and implementing Best Management Practices (BMPs) to reduce the discharge of pollutants in runoff from industrial facilities and selected commercial businesses to waters of the state.



[Click here to view the 2004 Errata Pages.](#)

CALIFORNIA STORMWATER QUALITY ASSOCIATION



You will need *Acrobat Reader* to view and print these files.

[Search BMPs](#)

[Business Guide Sheets](#) [Home](#)

Click on the links below to view the individual handbook sections or click here to [view the entire Handbook. Size: 4,674 KB.](#)

Due to large document size, expect lengthy download time.

Note: The handbooks are formatted to print double-sided.

TABLE OF CONTENTS

Section	Title	Size	Last Updated
	Copyright Statement		
Section 1	Introduction	23 KB	3/28/2009
1.1	Handbook Purpose and Scope	61 KB	9/30/2004
	1.1.1 Users of the Handbook		
	1.1.2 Organization of the Handbook		
	1.1.3 Relationship to Other Handbooks		
1.2	Stormwater Pollutants and Impacts on Water Quality		
1.3	Regulatory Requirements		
	1.3.1 Federal NPDES Program		
	1.3.2 State NPDES Program		
	1.3.3 Municipal NPDES Program		
1.4	Definitions		
1.5	References and Resources		
Section 2	Stormwater Pollution Prevention Planning for Industrial and Commercial Facilities	356 KB	9/30/2004
2.1	Introduction		
	2.1.1 Who Must Prepare a SWPPP?		
	2.1.2 Who is not Required to Prepare a SWPPP?		
2.2	SWPPP Overview		
2.3	Preparation of the SWPPP		
	2.3.1 Phase 1 – Planning and Organization Phase		
	2.3.2 Phase 2 – Assessment Phase		
	2.3.3 Phase 2 – BMP Identification Phase		
	2.3.4 Phase 4 – Assemble the SWPPP		
	2.3.5 Phase 5 – Implementation the SWPPP		
	2.3.6 Phase 6 – Monitoring, Reporting, and Program Evaluation		
2.4	Commercial Businesses		
2.5	SWPPP Worksheets		
Section 3	Source Control BMPs (Includes all BMP Fact Sheets attached)	1,414 KB	9/30/2004
3.1	Introduction		
3.2	Source Control BMPs		
3.3	Source Control BMP Fact Sheet Format		
3.4	Business Category Stormwater Pollution Control Guide Sheets		
	3.4.1 Introduction		
	3.4.2 Use of Guide Sheets		
	3.4.3 Guide Sheet Limitations		
3.5	BMP Fact Sheets		

	<u>SC-10 Non-Stormwater Discharges</u>	101 KB	1/1/2003
	<u>SC-11 Spill Prevention, Control and Cleanup</u>	126 KB	4/19/2006
	<u>SC-20 Vehicle and Equipment Fueling</u>	123 KB	1/1/2003
	<u>SC-21 Vehicle and Equipment Cleaning</u>	90 KB	1/1/2003
	<u>SC-22 Vehicle and Equipment Repair</u>	104 KB	1/1/2003
	<u>SC-30 Outdoor Loading/Unloading</u>	88 KB	1/1/2003
	<u>SC-31 Outdoor Liquid Container Storage</u>	107 KB	1/1/2003
	<u>SC-32 Outdoor Equipment Operations</u>	42 KB	1/1/2003
	<u>SC-33 Outdoor Storage of Raw Materials</u>	105 KB	1/1/2003
	<u>SC-34 Waste Handling and Disposal</u>	89 KB	1/1/2003
	<u>SC-35 Safer Alternative Products</u>	59 KB	1/1/2003
	<u>SC-40 Contaminated or Erodible Areas</u>	57 KB	1/1/2003
	<u>SC-41 Building and Grounds Maintenance</u>	89 KB	1/1/2003
	<u>SC-42 Building Repair and Construction</u>	392 KB	1/1/2003
	<u>SC-43 Parking/Storage Area Maintenance</u>	124 KB	1/1/2003
	<u>SC-44 Drainage System Maintenance</u>	121 KB	1/1/2003
Section 4	<u>Treatment Control BMPs (includes all BMP Fact Sheets attached)</u>	890 KB	9/30/2004
4.1	Introduction		
4.2	Public Domain BMPs		
4.3	Manufactured (Proprietary Treatment Control Devices)		
4.4	Maintenance BMP Fact Sheet Format		
4.5	Maintenance BMP Fact Sheets		
	<u>TC-10 Infiltration Trench</u>	211 KB	1/1/2003
	<u>TC-11 Infiltration Basin</u>	213 KB	1/1/2003
	<u>TC-12 Retention/Irrigation</u>	90 KB	1/1/2003
	<u>TC-20 Wet Pond</u>	235 KB	1/1/2003
	<u>TC-21 Constructed Wetland</u>	277 KB	1/1/2003
	<u>TC-22 Extended Detention Basin</u>	206 KB	1/1/2003
	<u>TC-30 Vegetated Swale</u>	284 KB	1/1/2003
	<u>TC-31 Vegetated Buffer Strip</u>	170 KB	1/1/2003
	<u>TC-32 Bioretention</u>	170 KB	1/1/2003
	<u>TC-40 Media Filter</u>	389 KB	1/1/2003
	<u>TC-50 Water Quality Inlet</u>	103 KB	1/1/2003
	<u>TC-60 Multiple Systems</u>	83 KB	1/1/2003
	<u>MP-20 Wetland</u>	55 KB	1/1/2003
	<u>MP-40 Media Filter</u>	46 KB	1/1/2003
	<u>MP-50 Wet Vault</u>	51 KB	1/1/2003
	<u>MP-51 Vortex Separator</u>	78 KB	1/1/2003
	<u>MP-52 Drain Inlet</u>	43 KB	1/1/2003
Section 5	<u>Monitoring, Reporting, and Program Evaluation</u>	54 KB	9/30/2004
5.1	Conduct Monitoring Program		
	5.1.1 Training		
	5.1.2 Visual Observations		
	5.1.3 Stormwater Monitoring		
5.2	Conduct Record Keeping and Reporting		
5.3	Conduct Annual Site Evaluation		
Section 6	<u>Glossary and Acronyms</u>	36 KB	9/30/2004
6.1	Glossary		
6.2	Acronyms		
Appendices			
<u>Appendix A</u>	<u>General Industrial Activities Stormwater Permit</u>	320 KB	9/30/2004
<u>Appendix B</u>	<u>Stormwater Discharges Associated with Industrial Activity</u>	59 KB	9/30/2004
<u>Appendix C</u>	<u>Sample SWPPP</u>	408 KB	9/30/2004
<u>Appendix D</u>	<u>Business Category Stormwater Pollution Control Guide Sheets</u>	1,055 KB	9/30/2004

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