

**Y. Review by the State Water Board.** Any person aggrieved by this action of the Regional Water Board may petition the State Water Board to review the action in accordance with California Water Code section 13320 and California Code of Regulations, title 23, sections 2050 and following. The State Water Board must *receive* the petition by 5:00 p.m., 30 days after the Regional Water Board action, except that if the thirtieth day following the action falls on a Saturday, Sunday, or state holiday, the petition must be received by the State Water Board by 5:00 p.m. on the next business day. Copies of the law and regulations applicable to filing petitions may be found on the Internet at: [http://www.waterboards.ca.gov/public\\_notices/petitions/water\\_quality](http://www.waterboards.ca.gov/public_notices/petitions/water_quality) or will be provided upon request.

**THEREFORE, IT IS HEREBY ORDERED,** that the Dischargers, in order to meet the provisions contained in Division 7 of the California Water Code (commencing with section 13000), and regulations, plans, and policies adopted thereunder, and the provisions of the Clean Water Act and regulations and guidelines adopted thereunder, shall comply with the following requirements:

### III. DISCHARGE PROHIBITIONS

#### A. Prohibitions – Non-Storm Water Discharges

- 1. Prohibition of Non-Storm Water Discharges.** Each Permittee shall, for the portion of the MS4 for which it is an owner or operator, prohibit non-storm water discharges through the MS4 to receiving waters except where such discharges are either:
  - a. Authorized non-storm water discharges separately regulated by an individual or general NPDES permit;
  - b. Temporary non-storm water discharges authorized by USEPA<sup>3</sup> pursuant to sections 104(a) or 104(b) of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) that either: (i) will comply with water quality standards as applicable or relevant and appropriate requirements (“ARARs”) under section 121(d)(2) of CERCLA; or (ii) are subject to either (a) a written waiver of ARARs by USEPA pursuant to section 121(d)(4) of CERCLA or (b) a written determination by USEPA that compliance with ARARs is not practicable considering the exigencies of the situation pursuant to 40 CFR. section 300.415(j);
  - c. Authorized non-storm water discharges from emergency fire fighting activities (i.e., flows necessary for the protection of life or property)<sup>4</sup>;
  - d. Natural flows, including:
    - i. Natural springs;

<sup>3</sup> These typically include short-term, high volume discharges resulting from the development or redevelopment of groundwater extraction wells, or USEPA or State-required compliance testing of potable water treatment plants, as part of a USEPA authorized groundwater remediation action under CERCLA.

<sup>4</sup> Discharges from vehicle washing, building fire suppression system maintenance and testing (e.g., sprinkler line flushing), fire hydrant maintenance and testing, and other routine maintenance activities are not considered emergency fire fighting activities.

- ii. Flows from riparian habitats and wetlands;
  - iii. Diverted stream flows, authorized by the State or Regional Water Board;
  - iv. Uncontaminated ground water infiltration<sup>5</sup>;
  - v. Rising ground waters, where ground water seepage is not otherwise covered by a NPDES permit<sup>6</sup>; or
- e. Conditionally exempt non-storm water discharges in accordance with Parts III.A.2 and III.A.3 below.

**2. Conditional Exemptions from Non-Storm Water Discharge Prohibition.** The following categories of non-storm water discharges are conditionally exempt from the non-storm water discharge prohibition, provided they meet all required conditions specified below, or as otherwise approved by the Regional Water Board Executive Officer, in all areas regulated by this Order with the exception of direct discharges to Areas of Special Biological Significance (ASBS) within Los Angeles County. Conditional exemptions from the prohibition on non-storm water discharges through the MS4 to an ASBS are identified in Part III.A.3 below.

- a. Conditionally Exempt Essential Non-Storm Water Discharges: These consist of those discharges that fall within one of the categories below; meet all required best management practices (BMPs) as specified in i. and ii. below, including those enumerated in the referenced BMP manuals; are essential public services discharge activities; and are directly or indirectly required by other state or federal statute and/or regulation:
- i. Discharges from essential *non-emergency* fire fighting activities<sup>7</sup> provided appropriate BMPs are implemented based on the CAL FIRE, Office of the State Fire Marshal's *Water-Based Fire Protection Systems Discharge Best Management Practices Manual* (September 2011) for water-based fire protection system discharges, and based on Riverside County's *Best Management Practices Plan for Urban Runoff Management* (May 1, 2004) or equivalent BMP manual for fire training activities and post-emergency fire fighting activities;
  - ii. Discharges from drinking water supplier distribution systems, where not otherwise regulated by an individual or general NPDES permit<sup>8</sup>, provided

---

<sup>5</sup> Uncontaminated ground water infiltration is water other than waste water that enters the MS4 (including foundation drains) from the ground through such means as defective pipes, pipe joints, connections, or manholes. Infiltration does not include, and is distinguished from, inflow. (See 40 CFR § 35.2005(20).)

<sup>6</sup> A NPDES permit for discharges associated with ground water dewatering is required within the Los Angeles Region.

<sup>7</sup> This includes fire fighting training activities, which simulate emergency responses, and routine maintenance and testing activities necessary for the protection of life and property, including building fire suppression system maintenance and testing (e.g. sprinkler line flushing) and fire hydrant testing and maintenance. Discharges from vehicle washing are not considered essential and as such are not conditionally exempt from the non-storm water discharge prohibition.

<sup>8</sup> Drinking water supplier distribution system releases means sources of flows from drinking water storage, supply and distribution systems (including flows from system failures), pressure releases, system maintenance, distribution line testing, and flushing and dewatering of pipes, reservoirs, and vaults, and minor non-invasive well maintenance activities not involving chemical addition(s) where not otherwise regulated by NPDES Permit No. CAG674001, NPDES Permit No. CAG994005, or another separate NPDES permit.

appropriate BMPs are implemented based on the American Water Works Association (California-Nevada Section) *Guidelines for the Development of Your Best Management Practices (BMP) Manual for Drinking Water System Releases* (2005) or equivalent industry standard BMP manual. Additionally, each Permittee shall work with drinking water suppliers that may discharge to the Permittee's MS4 to ensure for all discharges greater than 100,000 gallons: (1) notification at least 72 hours prior to a planned discharge and as soon as possible after an unplanned discharge; (2) monitoring of any pollutants of concern<sup>9</sup> in the drinking water supplier distribution system release; and (3) record keeping by the drinking water supplier. Permittees shall require that the following information is maintained by the drinking water supplier(s) for all discharges to the MS4 (planned and unplanned) greater than 100,000 gallons: name of discharger, date and time of notification (for planned discharges), method of notification, location of discharge, discharge pathway, receiving water, date of discharge, time of the beginning and end of the discharge, duration of the discharge, flow rate or velocity, total number of gallons discharged, type of dechlorination equipment used, type of dechlorination chemicals used, concentration of residual chlorine, type(s) of sediment controls used, pH of discharge, type(s) of volumetric and velocity controls used, and field and laboratory monitoring data. Records shall be retained for five years and made available upon request by the Permittee or Regional Water Board.

- b.** Those discharges that fall within one of the categories below, provided that the discharge itself is not a source of pollutants and meets all required conditions specified in Table 8 or as otherwise specified or approved by the Regional Water Board Executive Officer:
- i.** Dewatering of lakes<sup>10</sup>;
  - ii.** Landscape irrigation;
  - iii.** Dechlorinated/debrominated swimming pool/spa discharges<sup>11</sup>, where not otherwise regulated by a separate NPDES permit;
  - iv.** Dewatering of decorative fountains<sup>12</sup>;
  - v.** Non-commercial car washing by residents or by non-profit organizations;

---

<sup>9</sup> Pollutants of concern from drinking water supplier distribution system releases may include trash and debris, including organic matter, total suspended solids (TSS), residual chlorine, pH, and any pollutant for which there is a water quality-based effluent limitation (WQBEL) in Part VI.E applicable to discharges from the MS4 to the receiving water. Determination of the pollutants of concern for a particular discharge shall be based on an evaluation of the potential for the constituent(s) to be present in the discharge at levels that may cause or contribute to exceedances of applicable WQBELs or receiving water limitations.

<sup>10</sup> Dewatering of lakes does not include dewatering of drinking water reservoirs. Dewatering of drinking water reservoirs is addressed in Part III.A.2.a.ii.

<sup>11</sup> Conditionally exempt dechlorinated/debrominated swimming pool/spa discharges do not include swimming pool/spa filter backwash or swimming pool/spa water containing bacteria, detergents, wastes, or algaecides, or any other chemicals including salts from pools commonly referred to as "salt water pools" in excess of applicable water quality objectives.

<sup>12</sup> Conditionally exempt discharges from dewatering of decorative fountains do not include fountain water containing bacteria, detergents, wastes, or algaecides, or any other chemicals in excess of applicable water quality objectives.

- vi. Street/sidewalk wash water<sup>13</sup>.

**3. Conditional Exemptions from Non-Storm Water Discharge Prohibition within an ASBS.** The following non-storm water discharges from the MS4 directly to an ASBS are conditionally exempt pursuant to the California Ocean Plan as specified below, provided that:

- a. The discharges are essential for emergency response purposes, structural stability, slope stability or occur naturally, including the following discharges:
  - i. Discharges associated with emergency fire fighting activities (i.e., flows necessary for the protection of life or property)<sup>14</sup>;
  - ii. Foundation and footing drains;
  - iii. Water from crawl space or basement pumps;
  - iv. Hillside dewatering;
  - v. Naturally occurring ground water seepage via a MS4; and
  - vi. Non-anthropogenic flows from a naturally occurring stream via a culvert or MS4, as long as there are no contributions of anthropogenic runoff.
- b. The discharges fall within one of the conditionally exempt essential non-storm water discharge categories in Part III.A.2.a. above.
- c. Conditionally exempt non-storm water discharges shall not cause or contribute<sup>15</sup> to an exceedance of applicable receiving water limitations and/or water quality-based effluent limitations in this Order or the water quality objectives in Chapter II of the Ocean Plan, or alter natural ocean water quality in an ASBS.

**4. Permittee Requirements.** Each Permittee shall:

- a. Develop and implement procedures to ensure that a discharger, if not a named Permittee in this Order, fulfills the following for non-storm water discharges to the Permittee's MS4:
  - i. Notifies the Permittee of the planned discharge in advance, consistent with requirements in Table 8 or recommendations pursuant to the applicable BMP manual;
  - ii. Obtains any local permits required by the MS4 owner(s) and/or operator(s);

---

<sup>13</sup> Conditionally exempt non-storm water discharges of street/sidewalk wash water only include those discharges resulting from use of high pressure, low volume spray washing using only potable water with no cleaning agents at an average usage of 0.006 gallons per square feet of sidewalk area in accordance with Regional Water Board Resolution No. 98-08. Conditionally exempt non-storm water discharges of street/sidewalk wash water do not include hosing of any sidewalk or street with a garden hose with a pressure nozzle.

<sup>14</sup> See note 4.

<sup>15</sup> Based on the water quality characteristics of the conditionally exempt non-storm water discharge itself.



exceedances of applicable water quality-based effluent limitations or action levels, the Permittee shall take further action to determine whether the discharge is causing or contributing to exceedances of receiving water limitations in Part V.

- d.** If the Permittee determines that any of the conditionally exempt non-storm water discharges identified in Part III.A.2.b above is a source of pollutants that causes or contributes to an exceedance of applicable receiving water limitations and/or water quality-based effluent limitations, the Permittee(s) shall report its findings to the Regional Water Board in its annual report. Based on this determination, the Permittee(s) shall also either:
    - i.** Effectively prohibit<sup>17</sup> the non-storm water discharge to the MS4; or
    - ii.** Impose conditions in addition to those in Table 8, subject to approval by the Regional Water Board Executive Officer, on the non-storm water discharge such that it will not be a source of pollutants; or
    - iii.** Require diversion of the non-storm water discharge to the sanitary sewer; or
    - iv.** Require treatment of the non-storm water discharge prior to discharge to the receiving water.
  - e.** If the Permittee determines that any of the authorized or conditionally exempt essential non-storm water discharges identified in Parts III.A.1.a through III.A.1.c, III.A.2.a, or III.A.3 above is a source of pollutants that causes or contributes to an exceedance of applicable receiving water limitations and/or water quality-based effluent limitations, the Permittee shall notify the Regional Water Board within 30 days if the non-storm water discharge is an authorized discharge with coverage under a separate NPDES permit or authorized by USEPA under CERCLA in the manner provided in Part III.A.1.b above, or a conditionally exempt essential non-storm water discharge or emergency non-storm water discharge.
  - f.** If the Permittee prohibits the discharge from the MS4, as per Part III.A.4.d.i, then the Permittee shall implement procedures developed under Part VI.D.9 (Illicit Connections and Illicit Discharges Elimination Program) in order to eliminate the discharge to the MS4.
- 5.** If a Permittee demonstrates that the water quality characteristics of a specific authorized or conditionally exempt essential non-storm water discharge resulted in an exceedance of applicable receiving water limitations and/or water quality-based effluent limitations during a specific sampling event, the Permittee shall not be found in violation of applicable receiving water limitations and/or water quality-based effluent limitations for that specific sampling event. Such

---

<sup>17</sup> To "effectively prohibit" means to not allow the non-storm water discharge through the MS4 unless the discharger obtains coverage under a separate NPDES permit prior to discharge to the MS4.

demonstration must be based on source specific water quality monitoring data from the authorized or conditionally exempt essential non-storm water discharge or other relevant information documenting the characteristics of the specific non-storm water discharge as identified in Table 8.

6. Notwithstanding the above, the Regional Water Board Executive Officer, based on an evaluation of monitoring data and other relevant information for specific categories of non-storm water discharges, may modify a category or remove categories of conditionally exempt non-storm water discharges from Parts III.A.2 and III.A.3 above if the Executive Officer determines that a discharge category is a source of pollutants that causes or contributes to an exceedance of applicable receiving water limitations and/or water quality-based effluent limitations, or may require that a discharger obtain coverage under a separate individual or general State or Regional Water Board permit for a non-storm water discharge.

**Table 8. Required Conditions for Conditionally Exempt Non-Storm Water Discharges**

Discharge Category	General Conditions Under Which Discharge Through the MS4 is Allowed	Conditions/BMPs that are Required to be Implemented Prior to Discharge Through the MS4
All Discharge Categories	See discharge specific conditions below.	<p>Ensure conditionally exempt non-storm water discharges avoid potential sources of pollutants in the flow path to prevent introduction of pollutants to the MS4 and receiving water.</p> <p>Whenever there is a discharge of 100,000 gallons or more into the MS4, Permittees shall require advance notification by the discharger to the potentially affected MS4 Permittees, including at a minimum the LACFCD, if applicable, and the Permittee with jurisdiction over the land area from which the discharge originates.</p>
Dewatering of lakes	Discharge allowed only if all necessary permits/water quality certifications for dredge and fill activities, including water diversions, are obtained prior to discharge.	<p>Ensure procedures for advanced notification by the lake owner / operator to the Permittee(s) no less than 72 hours prior to the planned discharge.</p> <p>Immediately prior to discharge, visible trash on the shoreline or on the surface of the lake shall be removed and disposed of in a legal manner.</p> <p>Immediately prior to discharge, the discharge pathway and the MS4 inlet to which the discharge is directed, shall be inspected and cleaned out.</p> <p>Discharges shall be volumetrically and velocity controlled to minimize resuspension of sediments.</p> <p>Measures shall be taken to stabilize lake bottom sediments.</p> <p>Ensure procedures for water quality monitoring for pollutants of concern<sup>18</sup> in the lake.</p> <p>Ensure record-keeping of lake dewatering by the lake owner / operator.</p>

<sup>18</sup> Pollutants of concern include, at a minimum, trash and debris, including organic matter, TSS, and any pollutant for which there is a water quality-based effluent limitation in Part VI.E for the lake and/or receiving water.



# REQUIREMENTS FOR DISCHARGES GREATER THAN 100,000 GALLONS TO LACFCD AND COUNTY MS4 AND OTHER DRAINAGE FACILITIES

## Attachment B

Information required in notification e-mail to the LACFCD:

- The name of the Drinking Water Supplier
- Contact person's name, e-mail address and phone number
- Type of discharge
  - Planned, unplanned or emergency
  - Source (reservoir, tank, well, distribution line, etc.)
  - Type of activity (dewatering; flushing; well to waste/start-up; well development or redevelopment, etc.)
  - treated or raw
- Reference appropriate NPDES permit and section/page number that authorizes or exempts discharge
- Discharge Path (Direct to LACFCD MS4 or drainage facilities, or via streets, gutters, and other County or city MS4)
- If direct discharge to a LACFCD MS4 or drainage facility, LACFCD Flood Permit Number (PCFL #####)
- Reason for discharge
  - Provide detailed justification for unplanned/emergency (sheared hydrant, line break, water quality issues, etc.)
  - If due to water quality, state constituents of concern and concentration triggering need for emergency discharge
  - Maintenance, repair, etc., of [fill in blank]
- The estimated start and end dates, times, and duration of the discharges
- Location of discharge
  - Storm drain, channel, low flow diversion, and receiving water impacted; discharger may access the Los Angeles County Storm Drain System at [www.dpw.lacounty.gov/fcd/stormdrain/](http://www.dpw.lacounty.gov/fcd/stormdrain/) to determine impacted facility
  - Address, cross streets, city, and Thomas Guide page and grid
  - GPS coordinates, if available
- Estimated Flow rate (gpm and cfs)
- Total volume expected to be discharged
- Monitoring to be conducted for any pollutants of concern in the drinking water supplier distribution system release, as required by the MS4 Permit (see Page 29 of Attachment A)
  - Pollutants of concern from drinking water supplier distribution system releases may include trash and debris, including organic matter, total suspended solids (TSS), residual chlorine, pH, and any pollutant for which there is a water quality-based effluent limitation (WQBEL) in Part VI.E (of the MS4 permit) applicable to discharges from the MS4 to the receiving water. Determination of the pollutants of concern for a particular discharge shall be based on an evaluation of the potential for the constituent(s) to be present in the discharge at levels that may cause or contribute to exceedances of applicable WQBELs or receiving water limitations.

# REQUIREMENTS FOR DISCHARGES GREATER THAN 100,000 GALLONS TO LACFCD AND COUNTY MS4 AND OTHER DRAINAGE FACILITIES

## Attachment C

Information required for record keeping for all planned and unplanned discharges greater than 100,000 gallons:

- Name of discharger
- Date and time of notification to LACFCD
- Method of notification
- Location of discharge
- Discharge pathway
- Receiving water
- Date of discharge
- Time of the beginning and end of the discharge
- Duration of the discharge
- Flow rate or velocity
- Total number of gallons discharged
- Type of dechlorination equipment used
- Type of dechlorination chemicals used
- Concentration of residual chlorine
- Type(s) of sediment controls used
- pH of discharge
- Type(s) of volumetric and velocity controls used
- Other BMPs that were implemented during the discharge
- Field and laboratory monitoring data