

CONSTRUCTION STORM WATER PRE-CONSTRUCTION INFORMATION



Project Title:

WBS#:

Location (address, area, intersection, etc.):

Resident Engineer:

Supervising Engineer:

CSW Inspector:

Contractor:

Pre-Con Date:

Drawing #:

Working Days:

NTP Date:

Objective

The function of the City's Construction Storm Water (CSW) section is to support the Resident Engineer (RE) to ensure compliance of the Municipal Permit and the Construction General Permit (CGP).

Law

It is a Federal Mandate to comply with the Clean Water Act and is enforced by the State through the Regional Water Quality Control Board (RWQCB) under the Municipal Permit and the CGP. These regulations and permits can be found at www.epa.gov, www.waterboards.ca.gov, www.sandiego.gov/stormwater, and www.thinkbluesd.org.

► Discharging pollutants into the Municipal separate storm sewer system (MS4) (including municipal streets, gutters, storm drains, creeks, bays, ocean, etc.) is a violation of the City Municipal Code Sect. 43.0304, 43.0307, 43.0308, and 142.0220 ◀

Expectations

All construction activities and sites require Best Management Practices (BMPs) to be implemented and maintained at all times. BMPs fall into seven (7) general categories (details are available in the Storm Water Standards Manual in Part 2 for Construction BMPs: <https://www.sandiego.gov/stormwater/regulations>):

1. Project Planning
2. Good Site Management "Housekeeping"
3. Non-Storm Water Management
4. Erosion Control
5. Sediment Control
6. Run-on and Run-off Control
7. Active/Passive Sediment Treatment

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Contractor Representative Signature

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A. Project Information

Project Name (As shown on Title Block):
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Internal Oder (IO#):
Permit Number (Approval#):
WDID# (If applicable):
Project size (acres):
Disturbed area (acres):
QCP/QSP Name:
Email:
Phone:
Street, City, State, Zip:
Project Location:
City, State, Zip:
Contractor:
Site Contact Name:
Email:
Phone:
Street, City, State, Zip:
Owner (for CIPs, the Project Manager):
Email:
Phone:
Street, City, State, Zip:
Resident Engineer:
Priority: <input type="checkbox"/> ASBS <input type="checkbox"/> HIGH <input type="checkbox"/> MEDIUM <input type="checkbox"/> LOW
Start Date (The NTP Date for CIPs)
Accepted By City Engineer Date (For CIPS use date WPCP/SWPPP accepted by CSW, for Permits use date plans signed by DCE) :
Risk Level (if applicable): <input type="checkbox"/> Risk 1 <input type="checkbox"/> Risk 2 <input type="checkbox"/> Risk 3 <input type="checkbox"/> LUP 1 <input type="checkbox"/> LUP 2 <input type="checkbox"/> LUP 3
Treatment Control BMP Required? <input type="checkbox"/> YES <input type="checkbox"/> NO If yes, sheet#?
Hydrologic Sub-Area No. (HSA):
Watershed Management Area (WMA):
<input type="checkbox"/> San Dieguito River (905.11, 905.12, 905.21, 905.22, 905.23, 905.31, 905.32, 905.51) <input type="checkbox"/> Penasquitos (906.10, 906.20) <input type="checkbox"/> ASBS <input type="checkbox"/> Mission Bay/La Jolla (906.30, 906.40, 906.50, 906.60, 906.70, 906.80) <input type="checkbox"/> San Diego River (907.11, 907.12) <input type="checkbox"/> San Diego Bay (908.10, 908.21, 908.22, 908.31, 908.32, 909.12, 910.10, 910.20, 910.31, 910.32) <input type="checkbox"/> Tijuana River (911.11, 911.12, 911.30, 911.50)

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B. Contractor Responsibilities

- If a WPCP is required, AND the project located within the Los Penasquitos Watershed, Tijuana Watershed, Water Quality Sensitive Area, Environmentally Sensitive Area, or ASBS watershed AND the project is a Priority Development Project (PDP), then the WPCP must be prepared by a RCE, RG, RLA, Professional Hydrologist or other certified professionals as indicated in Section 4.2.1 in the Storm Water Standards Manual.
- No ground disturbance can occur until a written response of “No Exceptions Taken” is given by CSW section.
- BMP’s are required for the duration of the work; during the rainy season AND the dry season.
Dry Season (May 1 – Sept. 30); Rainy Season (Oct. 1 – April 30).
- BMP Notices will be issued through Virtual Project Manager (VPM). You must provide the RE with an email address to be linked to VPM. You must monitor this email address for the issuance of BMP notices and address any BMP issues immediately.
- For CGP projects, you are responsible for the payment of the annual permit fees to the Regional Board and you must upload the Annual Report to SMARTS no later than 1st August of each reporting year.
- You are responsible for keeping the SWPPP/WPCP current, on site and accessible at all times to the RE, City and RWQCB staff.
 - For all sites, you are responsible for maintaining a copy of all BMP Notices issued by the RE onsite with the SWPPP.
 - For LUP 2 & 3 sites, you are responsible for maintaining a log of daily BMP inspections onsite with the SWPPP.
 - For Risk level 1, 2 and 3 sites, you are responsible for maintaining a copy of all weekly and storm event related inspections onsite with the SWPPP.
 - For Risk level 2 and 3 sites, the QSP is responsible for preparing and implementing REAPs per the WTAP table in the City Storms Water Standards. You must maintain a copy of all REAPs and NOAA weather forecast onsite with the SWPPP.
 - For Risk Level 2 and 3 sites, you are responsible for electronically submitting storm event sampling to SMARTS for certification by the LRP within 5 days of a rain event. You are responsible for maintaining a copy of all sampling reports onsite with the SWPPP. Should samples exceeds NALs, You must prepare an exceedance report.
 - For Risk Level 3 projects, you are responsible for submitting NEL Exceedance Report for Active Treatment Systems to SMARTS within 24 hours.
 - For SWPPP sites, the QSD shall prepare and sign Amendments to the SWPPP in the form of Submittals to the RE. A written response of “No Exception Taken” from CSW section shall allow the amendment to be uploaded to SMARTS and certified by the LRP.
 - For WPCP sites, the QCP shall prepare and sign Amendments to the WPCP in the form of Submittals to the RE. Amendments require a written response of “No Exception Taken” from CSW section and must be kept onsite with the WPCP.
- You responsible for training and educating subcontractors and vendors on all Storm. Water requirements and assuring compliance. Training records shall be logged in the SWPPP/WPCP.
- You shall invite the RE to monthly safety tailgates to insure Storm Water Best Management Practices are discussed and to address any issues related to Storm Water pollution prevention.

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- Discharges of pollutants from a construction site shall be reported immediately to the RE and the reporting procedure in the SWPPP/WPCP shall be followed.
- The contractor must submit a completed copy of the SWPPP/WPCP including all RE and QCP/QSP inspections, amendments, BMP site plans, training records, and all updates at the completion of the project.
- For SWPPP sites, you must submit a Notice of Termination package to SMARTS within 14 days of the completion of the project (scope of work is complete).
- If Post-Construction Treatment Control BMPs are required, the Engineer of Record (consultant) is required to inspect the Treatment Control Best Management Practices (TCBMPs) and submit certification form DS-563 upon completion of project. For CIP projects, the TCBMPs requires acceptance by the asset owner prior to submittal of DS-563.

C. RE Responsibilities

- The RE is the main point of contact and will inspect BMPs during each site visit.
- The RE will issue BMP Notices through VPM for observed violations, missing BMPs, maintenance or inadequacy of BMPs. The Contractor is required to provide acknowledgment to the RE of receiving and understanding the Notice (e.g. sign and send notice to RE via email).
- On a Quarterly basis, the RE shall inspect to confirm a copy of the SWPPP/WPCP, BMP Notices, QSP/QCP inspection reports, sampling reports, training logs, etc., are on site.
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- The RE will request a final hard copy of the SWPPP/WPCP which must include, but not limited to, all RE and QCP/QSP inspections, amendments, BMP site plans, training records, and all updates at the end of the project.

D. CSW Responsibilities

- CSW will review all SWPPP/WPCP Amendments and stamp with "No Exceptions Taken."
- CSW will perform additional and unannounced storm water BMP inspections as needed and per the request of the RE.
- CSW may be present in Progress Meetings as needed and per the request of the RE.
- CSW will facilitate the City's Escalated Enforcement Program.

E. Escalating Enforcement

- Escalated Enforcement may be triggered by any of the following:
 - Failure of the re-inspection by the RE for violations in a BMP Notice including lack of minimum BMPs, maintenance of BMPs, insufficient or inadequate BMPs, evidence of a discharge, and SWPPP/WPCP document inadequate and/or not up to date
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- A Stop Work Order: this order ceases ALL construction related work except for storm water BMP implementation. Additionally, the RWQCB will be notified of this violation. Once BMP implementation is complete and re-inspected to the satisfaction of the RE, the Stop Work Order will be lifted.
- Civil Penalties: penalties are assessed based on certain enforcement factors including potential for pollutant discharge, level of discharge and prior offences. The City may also recover costs associated with the investigation.
- Refer to the attached exhibit titled "Notice: Construction Storm Water Program – Escalating Enforcement Implementation" for more information.

F. Exhibits

ii	Notice: Construction Storm Water Program – Escalating Enforcement Implementation	<i>Included</i> <input type="checkbox"/>	
iii	Frequent Construction Storm Water Permit Violations	<i>Included</i> <input type="checkbox"/>	
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Disturbed area (acres):
QCP/QSP Name:
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Phone:
Street, City, State, Zip:
Project Location:
City, State, Zip:
Contractor:
Site Contact Name:
Email:
Phone:
Street, City, State, Zip:
Owner (for CIPs, the Project Manager):
Email:
Phone:
Street, City, State, Zip:
Resident Engineer:
Priority: <input type="checkbox"/> ASBS <input type="checkbox"/> HIGH <input type="checkbox"/> MEDIUM <input type="checkbox"/> LOW
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G. Additional Notes

Project Name: _____

Address/Intersection: _____

Contractor: _____

Site Contact: _____

Phone: _____ Email: _____

Owner/Developer: _____

Date of Inspection: ____/____/____

Time of Inspection: _____

RE Name: _____

Project/WBS #: _____

Internal Order #: _____

Weather: ☐ Clear ☐ Cloudy ☐ Rain forecasted ☐ Rain

Inspection Type: _____

Work Phase: _____

Site Priority: ☐ LOW ☐ MED ☐ HIGH ☐ ASBS

Rainfall since last inspection (in): _____

SECTION 1

☐ Observed BMPs are adequate

SECTION 2

☐ BMP implementation and/or maintenance required. See deficiencies below.

Per Part 2 of the San Diego Storm Water Standards Manual, BMPs are required to be installed and maintained throughout the duration of the project. Deficiencies marked below violate San Diego Municipal Code §43.0301 et al.

CATEGORY 1: PROJECT PLANNING

Storm Water Standards Manual, Part 2 – Table 5-1

- ☐ SWPPP/WPCP is not on-site
- ☐ SWPPP/WPCP is inadequate

CATEGORY 2: GOOD SITE MANAGEMENT

Storm Water Standards Manual, Part 2 – Table 5-2

- ☐ Inadequate stockpile and/or material management
- ☐ Inadequate waste management (*Concrete/Solid/Septic/liquid*)
- ☐ Inadequate vehicle/equipment pollution prevention
- ☐ Inadequate spill prevention and control

CATEGORY 3: NON-STORM WATER MANAGEMENT

Storm Water Standards Manual, Part 2 – Table 5-3

- ☐ Observed discharge. See comments below
- ☐ Observed pumping/connection to MS4
(*curb, inlet, channel, canyon, receiving water, etc.*)

Note:

All discharges will be reported to TSWD for enforcement

Comments: _____

☐ Check if additional sheets attached

SECTION 3

☐ Non-compliance with other permits (*Drinking Water Discharge, Groundwater Extraction, etc.*). See comments below.

Comments: _____

SECTION 4

☐ A re-inspection will occur within _____ hours, or on the following date ____/____/____

Recipient Signature:

RE's Signature:

Copy to: Contractor/Developer/Owner/LRP, VPM Database, RE file



NOTICE

CITY OF SAN DIEGO

DATE: June 30, 2015

TO: Distribution

FROM: James Nagelvoort, City Engineer, Robert Vacchi, Development Services Director and Afsaneh Ahmadi, Chief Building Official

SUBJECT: Construction Storm Water Program – Escalating Enforcement Implementation

Effective immediately, the City is imposing Escalating Enforcement including monetary citations on construction sites City-wide.

On February 20, 2015, the City of San Diego was issued a Notice of Violation (NOV) Order R9-2015-0031 from the Regional Water Board for violations to the Municipal Storm Water Permit (Permit). The NOV can be found at the following link:

http://www.swrcb.ca.gov/rwqcb9/water_issues/programs/enforcement/docs/docs/2015/Feb/R9-2015-0031.pdf

The NOV stated that the City failed to implement an escalating enforcement process to require implementation of designated minimum BMPs at construction sites within its jurisdiction, in violation of the Municipal permit as well as the City's Storm Water Ordinance and the San Diego Municipal Code (SDMC). In response to the NOV, the City has stepped up its Employee Training Program with regards to BMP education, improving inspections and increasing enforcement.

In an effort to achieve "prompt corrective actions", and as provided in SDMC section §43.0310 Enforcement Authority, the City has elected to exercise its enforcement powers as provided in Chapter 1, Article 3, as is necessary to effectively implement and enforce construction BMP requirements. As such, the Public Works and Development Services Departments will implement an Escalating Enforcement Policy as generally described in SDMC Section §43.0311 Enforcement Remedies:

(a) It is unlawful for any person, business or association to violate the provisions and requirements of SDMC sections 43.0301 through 43.0309. Violations of these provisions may be prosecuted as misdemeanors subject to the penalties provided in SDMC section 12.0201. The Enforcement Official may seek injunctive relief or civil penalties in the Superior Court pursuant to SDMC section 12.0202, or pursue any administrative remedy provided in SDMC Chapter I, Article 2, Divisions 3 through 10.

*(b) Administrative civil penalties assessed pursuant to SDMC Chapter 1, Article 2, Division 8 for violations of any of the provisions and requirements of SDMC sections 43.0301 through 43.0309 shall be assessed at a maximum rate of **\$10,000 per day per violation**. The maximum amount of civil penalties shall not exceed \$100,000 per parcel or structure for any related series of violations.*

*(c) As part of any civil action filed pursuant to SDMC section 12.0202 to enforce any provisions of SDMC sections 43.0301 through 43.0309, a court may assess a maximum **civil penalty of \$10,000 per day per violation**.*

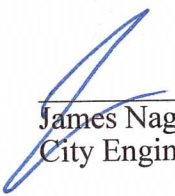
As the City continues to address further improvements to the inspection programs and implementation of its Escalating Enforcement Policy, the City reminds all stakeholders of their duty to comply with the requirements of the Permit and City requirements with regards to implementation and maintenance of required minimum designated construction BMPs year round, including but not limited to housekeeping, erosion control, tracking, and protection of the storm water conveyance system. Violations of the regulations will be subject to progressive enforcement including Stop Work Notices, Administrative Citations (fines), and Administrative Civil Penalties if the City determines that the owner/contractor failed to adequately comply with the Municipal Code and Permit requirements.

In addition, the City reminds Qualified SWPPP Developers and Qualified SWPPP Practitioners hired by contractors that failure to prepare and implement storm water pollution prevention plans which do not meet the requirements in the City's Storm Water Standards Manual, Permit and State Construction General Permit are at risk of losing their underlying certificate should the City file a complaint to the State Board of Professional Engineers, Land Surveyors and Geologists.

For more information on the City's Construction Storm Water Pollution Prevention requirements and to download a copy of the Clean Construction Brochure and Construction Waste Best Management Practices Fact Sheet, go to <http://www.sandiego.gov/thinkblue/public-education/info-for-businesses.shtml> under the Construction Site Best Management Practices heading.

For general questions regarding the information herein, please contact the following staff:

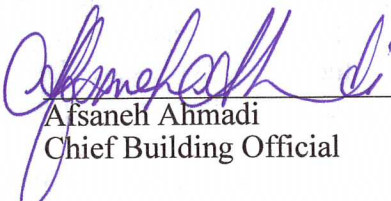
- William Barranon, Assistant Deputy Director, DSD, at 619-980-2816, WBarranon@sandiego.gov or
- Akram Bassyouni, Senior Civil Engineer, DSD, at 619-446-5442, ABassyouni@sandiego.gov or
- Julie Ballesteros, Senior Civil Engineer, Public Works – Field Engineering at 858-573-5012, BallesterosJ@sandiego.gov.



James Nagelvoort
City Engineer



Robert Vacchi
Development Services Director



Afsaneh Ahmadi
Chief Building Official

Distribution: Contractors
Consultants
Developers
Technical Advisory Committee (TAC)
Inspection Services Section, Division of Building and Construction Safety,
Development Services Department
Field Engineering Division, Engineering, Public Works Department

Public Works Department

Construction Management and Field Services Division

VIA E-MAIL

November 9, 2018

Developer/Contractor
Company
Address
City, State, ZIP

Subject: Storm Water Pollution Prevention for Construction Sites Rainy Season: October 1st through April 30th
Project Name, Project Number / Bid Number, IO / WBS Number

Dear **Mr./Ms. Doe**:

This letter serves as a notification for all construction sites to take the necessary actions in preparation for the rainy season which begins October 1, 2019. It is the responsibility of developers, owners and contractors to be familiar with and know the requirements of the aforementioned storm water regulations and permits. Effective storm water Best Management Practices (BMPs) are required to be implemented and maintained to prevent pollutant discharges into all storm water conveyances (drainage inlets, curb and gutter, streets) and regional waters (creeks, rivers, channels, wetlands) to the maximum extent practicable, in accordance with:

- San Diego Municipal Code Section 43.03
- City of San Diego Storm Water Standards Manual
- State Construction General Permit (CGP), Order No. 2009-0009-DWG as amended by 2010-0014-DWQ & 2012-0006-DWQ, NPDES No. CAS000002
- San Diego Regional Municipal Separate Storm Sewer System Permit, Order No. R9-2013-0001, NPDES No. CAS0109266, as amended by Order Nos. R9-2015-0001 AND R9-2015-0100
- City of San Diego Standard Specifications for Public Works Construction (Whitebook, 2015 Edition), Section 7-8.6

The following are required BMPs on all construction sites:

1. Project Planning;
2. Good Site Management "Housekeeping", including Waste Management;
3. Non Storm Water Management;
4. Erosion Control;
5. Sediment Control;
6. Run-on and Run-off Control; and
7. Active/Passive Sediment Treatment Systems, where applicable.

The above list of Storm Water Pollution Prevention BMPs are required all year around, however it is particularly critical to take effective measures prior to and during the rainy season to protect storm water

conveyances and receiving waters from pollutant and sediment discharge to the maximum extent practicable.

Lack of BMPs and any pollutant/sediment laden discharge to the City's storm water conveyances is subject to enforcement by the City. At a minimum, tracking of sediment in the right of way and any construction-related residue left on the street before or after working hours is considered a discharge and must be controlled and swept daily. Saw-cutting residue must be contained and vacuumed promptly. Vehicles or equipment that leak must be removed from the project site or repaired immediately and any "spills" must be properly cleaned and contained with drip pans or equivalent. Implementation of erosion and sediment controls on all disturbed areas, including slopes, pads and haul roads is required to be implemented prior to rain.

The City of San Diego Storm Water Standards Manual Part 2 Construction BMP Standards is updated effective October 1, 2018 to include Storm Water Pollution Prevention Plan (SWPPP) Checklist, Weather Triggered Action Plan (WTAP) and other clarifications on construction BMP requirements. The manual which is a component of the Land Development Manual and conforms to the 2013 Municipal Permit can be found at the following link:

<https://www.sandiego.gov/planning/programs/landdevcode/landdevmanual#SWstandards2018>

Additional BMP information and guidelines can be found at the California Storm Water Quality Association's (CASQA) website www.casqa.org.

The City's inspection teams consisting of the RE, Building Inspector, and Storm Water Enforcement staff will be out inspecting construction sites to identify compliance and non-compliance of the City's storm water requirements.

Failure to implement the BMPs specified above, in Part 2, Section 5 of the Storm Water Standards Manual is considered a Violation. Attachments are examples of Typical Construction Storm Water Permit violations that you and your subcontractors must be aware of. Your non-compliance of storm water pollution prevention requirements will result in an enforcement action(s) by the City and/or the San Diego Water Board. **These actions may include inspection notices, notices of violations, Administrative Citations/Civil Penalties (fines), stop work orders and inspection holds or occupancy holds and various combinations of.**

Your cooperation is very much appreciated. If you have any questions regarding the information herein please contact me.

Sincerely,

Resident Engineer Name

Resident Engineer
Public Works
Construction Management & Field Services

Attachments 1. Frequent Construction Storm Water Permit Violations
 2. Common Linear Construction Storm Water Permit Violations

cc: Harry Nguyen, Senior Civil Engineer, Public Works, Construction Mgmt. & Field Services
 Supervising Engineer Name, Assoc. Engineer, Public Works, Construction Mgmt. & Field Services

Article 3: Environmental Health Quality Controls
(Retitled from “Water Quality Controls” on 3-8-1994 by O-18047 N.S.)

**Division 3: Stormwater Management
and Discharge Control**
(“Stormwater Management and Discharge Control”
added 9-27-1993 by O-17988 N.S.)

§43.0301 Purpose and Intent

The purposes of this Division are to restore and maintain the water quality of *receiving waters* and further ensure the health, safety and general welfare of the citizens of the City of San Diego by effectively prohibiting *non-storm water discharges*, including spills, dumping, and disposal of materials other than *storm water* to the *MS4*, and by reducing *pollutants* in discharges from the *MS4* to *receiving waters* to the *maximum extent practicable*, in a manner pursuant to and consistent with the Federal Water Pollution Control Act (Clean Water Act, 33 U.S.C. section 1251 et seq.) and the *MS4 permit*.

(Amended 9-10-2001 by O-18975 N.S.)

(Amended 7-16-2015 by O-20516 N.S.; effective 8-15-2015.)

§43.0302 Definitions

For purposes of this Division, defined terms appear in italics. The following definitions apply in this Division:

Best management practices (BMPs) means schedules of activities, prohibitions of practices, general good housekeeping practices, pollution prevention and educational practices, maintenance procedures, and other management practices to prevent or reduce to the *maximum extent practicable* the discharge of *pollutants* directly or indirectly to *receiving waters*. *BMPs* also include treatment requirements, operating procedures, and practices to control plant site runoff, spillage or leaks, sludge or waste disposal, and drainage from raw materials storage.

Employee training program means a documented curriculum that an employer may be required to implement pursuant to a *storm water pollution prevention plan* for the purpose of educating its employees on methods of reducing the discharge of *pollutants* to the *MS4*.

Enforcement agency means the City of San Diego or its authorized agents charged with ensuring compliance with this Division.

Enforcement official means the City Manager or his designee or any agent of the City authorized to enforce compliance with this Division.

General storm water NPDES permit means any *NPDES permit* issued by the State Water Resources Control Board in accordance with 40 Code of Federal Regulations section 122.28.

Groundwater means subsurface water that occurs beneath the water table in soils and geologic formations that are fully saturated.

Illicit connection means any man-made physical connection to the *MS4* that conveys an *illicit discharge*.

Illicit discharge means any discharge to the *MS4* that is not composed entirely of *storm water*, except discharges allowed under an *NPDES permit* and discharges conditionally allowed under the *MS4 permit*, as set forth in San Diego Municipal Code section 43.0305. *Illicit discharge* includes irrigation runoff discharged to the *MS4*.

Jurisdictional runoff management program means a written description of the specific runoff management measures and programs, including *BMPs*, that the City will implement to comply with the *MS4 permit* and ensure that storm water pollutant discharges in runoff are reduced to the *maximum extent practicable* and do not cause or contribute to a violation of water quality standards. Amendments to the *jurisdictional runoff management program* shall be approved by the City Manager. A copy of the currently applicable *jurisdictional runoff management program* is kept on file with the City Clerk.

Maximum extent practicable means the technology-based standard established by Congress in Clean Water Act section 402(p)(3)(B)(iii) for *storm water* that operators of *MS4s* must meet. *Maximum extent practicable* generally emphasizes pollution prevention and source control *BMPs* primarily in combination with treatment methods serving as a backup.

Municipal separate storm sewer system (MS4) means a conveyance or system of conveyances (including roads with drainage systems, municipal streets, catch basins, curbs, gutters, ditches, man-made channels, or storm drains): (i) owned or operated by the City; (ii) designated or used for collecting or conveying *storm water*; (iii) which is not a combined sewer; and (iv) which is not part of the Publicly Owned Treatment Works as defined at 40 Code of Federal Regulations section 122.26.

Municipal separate storm sewer system permit (MS4 permit) means *Regional Water Quality Control Board* Order No. R9-2013-0001, NPDES No. CAS0109266, as may be amended or replaced by a subsequent order.

National Pollutant Discharge Elimination System Permit (NPDES permit) means a permit issued by the *Regional Water Quality Control Board* or the State Water Resources Control Board pursuant to Division 7 of the California Water Code to control discharges from point sources to *receiving waters*.

Non-storm water discharge means any discharge to or from the *MS4* that is not entirely composed of *storm water*, including *illicit discharges* and discharges allowed under an *NPDES permit*.

Notice of violation has the same meaning as in San Diego Municipal Code section 11.0210.

Pollutant means any agent introduced to the *MS4* that may cause or contribute to the degradation of water quality such that public health, the environment, or beneficial uses of *receiving waters* may be affected. *Pollutants* include solid waste, sewage, garbage, medical waste, wrecked or discarded equipment, radioactive materials, dredged spoil, rock, sand, industrial waste, any organic or inorganic contaminant, fecal coliform, fecal streptococcus, enterococcus, volatile organic surfactants, oil and grease, petroleum hydrocarbons, total organic lead, copper, chromium, cadmium, silver, nickel, zinc, cyanides, phenols, and biocides.

Premises means any building, lot parcel, land or portion of land whether improved or unimproved.

Public nuisance has the same meaning as in San Diego Municipal Code section 11.0210.

Receiving waters means waters of the United States, as defined under the Clean Water Act. *Receiving waters* include surface bodies of water that serve as discharge points for the *MS4*, such as creeks, rivers, reservoirs, lakes, lagoons, estuaries, harbors, bays and the Pacific Ocean.

Regional Water Quality Control Board means the California Regional Water Quality Control Board, San Diego Region.

Responsible person has the same meaning as in San Diego Municipal Code section 11.0210.

Storm water means storm water runoff, snow melt runoff, and surface runoff and drainage resulting from precipitation events.

Storm water pollution prevention plan means a document that describes the *BMPs* to be implemented by the owner or operator to eliminate or reduce to the *maximum extent practicable* discharges of *pollutants* to the *MS4*.

(Amended 9-10-2001 by O-18975 N.S.)

(Amended 7-16-2015 by O-20516 N.S.; effective 8-15-2015.)

§43.0303 Construction and Application

This Division shall be interpreted to assure consistency with the requirements of applicable federal and state laws, regulations, orders and permits, and with the purposes and intent of this Division.

(“Construction and Application” added 9-27-1993 by O-17988 N.S.)

§43.0304 Illicit Discharges

- (a) Except as provided in San Diego Municipal Code section 43.0305, it is unlawful for any person to cause a *non-storm water discharge* to the *MS4*.
- (b) It is unlawful for any person to cause either individually or jointly any discharge into or from the *MS4* that results in or contributes to a violation of the *MS4 permit*.

(Retitled from “Discharge of Non-Stormwater Prohibited” and amended 9-10-2001 by O-18975 N.S.)

(Retitled to “Illicit Discharges” and amended 7-16-2015 by O-20516 N.S.; effective 8-15-2015.)

§43.0305 Conditionally Allowed *Non-Storm Water Discharges*

The following *non-storm water discharges* are allowed on the condition that they are addressed as follows:

- (a) Any discharge to the *MS4* that is regulated under an *NPDES permit* issued to the discharger and administered by the State of California pursuant to Division 7 of the California Water Code is allowed, provided the discharger is in compliance with all requirements of the *NPDES permit* and other applicable laws and regulations.
- (b) *Non-storm water discharges* to the *MS4* from the categories listed in San Diego Municipal Code section 43.0305(b)(1)-(4) are allowed if: (i) the discharger obtains coverage under *NPDES permit* No. CAG919001 (*Regional Water Quality Control Board* Order No. R9-2007-0034, or subsequent order) for discharges to San Diego Bay, or under *NPDES permit* No. CAG919002 (*Regional Water Quality Control Board* Order No. R9-2008-0002, or subsequent order) for discharges to surface waters other than San Diego Bay, and the discharger is in compliance with all requirements of the applicable *NPDES permit* and all other applicable laws and regulations; or (ii) the *Regional Water Quality Control Board* determines in writing that coverage under *NPDES permit* No. CAG919001 or CAG919002 (or subsequent permits) is not required. Otherwise, *non-storm water discharges* from the following categories are *illicit discharges*:
 - (1) discharges from uncontaminated pumped *groundwater*;
 - (2) discharges from foundation drains when the system is designed to be located at or below the *groundwater* table to actively or passively extract *groundwater* during any part of the year;
 - (3) discharges from crawl space pumps;
 - (4) discharges from footing drains when the system is designed to be located at or below the *groundwater* table to actively or passively extract *groundwater* during any part of the year.

- (c) *Non-storm water discharges* to the *MS4* from water line flushing and water main breaks, including discharges from water purveyors issued a water supply permit by the State of California or federal military installations, are allowed if the discharges have coverage under *NPDES permit* No. CAG679001 (*Regional Water Quality Control Board* Order No. R9-2010-0003, or subsequent order), and the discharger is in compliance with all requirements of that *NPDES permit* and other applicable laws and regulations. Discharges from recycled or reclaimed water lines to the *MS4* are allowed if the discharges have coverage under an *NPDES permit*, and the discharger is in compliance with the applicable *NPDES permit* and other applicable laws and regulations. Otherwise, discharges from water lines are *illicit discharges*.
- (d) *Non-storm water discharges* to the *MS4* from the following categories are allowed:
 - (1) discharges from diverted stream flows;
 - (2) discharges from rising *groundwater*;
 - (3) discharges from uncontaminated *groundwater* infiltration to the *MS4*;
 - (4) discharges from springs;
 - (5) discharges from riparian habitats and wetlands;
 - (6) discharges from potable water sources, except discharges from water lines without coverage under an *NPDES permit* as set forth in San Diego Municipal Code section 43.0305(c);
 - (7) discharges from foundation drains when the system is designed to be located above the *groundwater* table at all times of the year, and the system is only expected to produce *non-storm water discharges* under unusual circumstances; and
 - (8) discharges from footing drains when the system is designed to be located above the *groundwater* table at all times of the year, and the system is only expected to produce *non-storm water discharges* under unusual circumstances.
- (e) *Non-storm water discharges* from the following categories are allowed if they are addressed with *BMPs* as set forth in the *jurisdictional runoff management program*. Otherwise, *non-storm water discharges* from the following categories are *illicit discharges*:

- (1) Air conditioning condensation,
 - (2) Individual residential vehicle washing, and
 - (3) Water from swimming pools.
- (f) *Non-storm water discharges* to the *MS4* from firefighting activities are allowed if they are addressed as follows:
- (1) Non-emergency firefighting discharges. Non-emergency firefighting discharges, including building fire suppression system maintenance discharges (e.g. sprinkler line flushing), controlled or practice blazes, training, and maintenance activities shall be addressed by *BMPs* as set forth in the *jurisdictional runoff management program* to prevent the discharge of *pollutants* to the *MS4*.
 - (2) Emergency firefighting discharges. During emergencies, priority of efforts should be directed toward life, property, and the environment (in descending order). Emergency firefighting discharges shall be addressed by *BMPs* that do not interfere with emergency response operations or impact public health and safety.
- (g) Notwithstanding the categories of *non-storm water discharges* conditionally allowed by San Diego Municipal Code section 43.0305(a) through (f), if the *Regional Water Quality Control Board* or the *enforcement official* determines that any of these otherwise conditionally allowed *non-storm water discharges* are a source of *pollutants* to *receiving waters*, are a danger to public health or safety, or are causing a *public nuisance*, such discharges shall be prohibited from entering the *MS4*.

(Amended 9-10-2001 by O-18975 N.S.)

(Amended 2-19-2008 by O-19716 N.S.; effective 3-24-2008.)

(Retitled to "Conditionally Allowed Non-Storm Water Discharges" and amended 7-16-2015 by O-20516 N.S.; effective 8-15-2015.)

§43.0306 *Illicit Connections Prohibited*

It is unlawful for any person to establish, use, or maintain any *illicit connection* to the *MS4*.

(“Discharge in Violation of Permit Prohibited” repealed; “Illegal Connections Prohibited” renumbered from Sec. 43.0307 and amended 9–10–2001 by O–18975 N.S.)

(Retitled to “Illicit Connections Prohibited” and amended 7-16-2015 by O-20516 N.S.; effective 8-15-2015.)

§43.0307 *Reduction of Pollutants in Storm Water*

Any person engaged in activities which may result in discharges to the *MS4* shall, to the *maximum extent practicable*, undertake all measures to reduce the risk of *non-storm water discharges* and *pollutant* discharges. The following requirements shall apply:

(a) *BMP Implementation.*

Every person undertaking any activity or use of a *premises* that may cause or contribute to *storm water* pollution or contamination, *illicit discharges*, or *non-storm water discharges* to the *MS4* shall comply with *BMP* guidelines or pollution control requirements, as may be established by the *enforcement official*. *BMPs* shall be maintained routinely throughout the life of the activity. Such *BMPs* include the *BMPs* set forth in the *jurisdictional runoff management program*.

(b) *Storm Water Pollution Prevention Plan.*

The *enforcement official* may require any business or operation that is engaged in activities which may result in *pollutant* discharges to the *MS4* to develop and implement a *storm water pollution prevention plan*, which must include an *employee training program* and the applicable *BMPs* from the *jurisdictional runoff management program*.

(c) *Coordination with Hazardous Materials Release Response Plans and Inventory.*

Any activity subject to the Hazardous Materials Release Response Plan, Chapter 6.95 of the California Health and Safety Code, shall include in that Plan provisions for compliance with this Division, including the prohibitions on *non-storm water discharges* and *illicit discharges*, and the requirement to reduce release of *pollutants* to the *MS4* to the *maximum extent practicable*.

(d) Compliance with *General Storm Water NPDES Permits*.

Each discharger that is subject to any *general storm water NPDES permit* shall comply with all requirements of such permit. For those activities that discharge to the *MS4* under a *general storm water NPDES permit*, the discharger shall submit monitoring data and analytical evaluation/assessment to the City at the same time reports are submitted to the *Regional Water Quality Control Board*.

(“*Illegal Connections Prohibited*” renumbered to Sec. 43.0306; “*Reduction of Pollutants in Stormwater*” renumbered from Sec. 43.0308, retitled and amended 9-10-2001 by O-18975 N.S.)

(Retitled to “*Reduction of Pollutants in Storm Water*” and amended 7-16-2015 by O-20516 N.S.; effective 8-15-2015.)

§43.0308 Containment and Notification of Spills

Any person owning or occupying a *premises* who has knowledge of any significant release of *pollutants* or *non-storm water discharges* from those *premises* that may enter the *MS4* shall immediately take all reasonable action to contain the release and minimize any *non-storm water discharge*. The person shall notify the *enforcement agency* within 24 hours of the *non-storm water discharge*.

(“*Reduction of Pollutants in Stormwater*” renumbered to Sec. 43.0307; “*Containment and Notification of Spills*” renumbered from Sec. 43.0309 and amended 9-10-2001 by O-18975 N.S.)

(Amended 7-16-2015 by O-20516 N.S.; effective 8-15-2015.)

§43.0309 MS4 Protection

Any person owning or occupying a *premises* through which the *MS4* passes shall:

- (a) Keep and maintain that part of the *premises* reasonably free of trash, debris and other obstacles which would pollute, contaminate, or retard the flow of water through the *MS4*; and
- (b) Maintain existing structures within or adjacent to the *MS4* so that those structures will not become a hazard to the use, function, or physical integrity of the *MS4*.

(“Containment and Notification of Spills” renumbered to Sec. 43.0308; “Stormwater Conveyance System Protection” renumbered from Sec. 43.0310, retitled and amended 9–10–2001 by O–18975 N.S.)

(Retitled to “MS4 Protection” and amended 7-16-2015 by O-20516 N.S.; effective 8-15-2015.)

§43.0310 Enforcement Authority

- (a) The *enforcement agency* and *enforcement official* may exercise any enforcement powers as provided in San Diego Municipal Code Chapter 1, Article 3, as may be necessary to effectively implement and enforce this Division.
- (b) In addition to the general enforcement powers provided in San Diego Municipal Code Chapter 1, the *enforcement agency* and *enforcement official* may exercise any of the following supplemental enforcement powers as may be necessary to effectively implement and enforce this Division:
 - (1) **Sampling Authority.** During any inspection, the *enforcement official* may take samples deemed necessary in order to implement and enforce the provisions of this Division. This may include the installation of sampling and metering devices on private property, or requiring the *responsible person* to supply samples.
 - (2) **Notice of Violation.** The *enforcement official* may issue a *notice of violation* to any *responsible person* to cease and desist all activities that may cause or contribute to a discharge in violation of this Division. This order may require the *responsible person* to: (i) comply with the applicable provisions and policies that govern this Division; (ii) comply within the designated time frame for compliance; (iii) take appropriate remedial or preventative action to keep the violation from recurring.

- (3) Monitoring and Mitigation. The *enforcement official* may require reasonable monitoring of discharges from any *premises* to the *MS4* and shall have authority to order the mitigation of circumstances that may result in *illicit discharges*.
- (4) *Storm water pollution prevention plan*. The *enforcement official* shall have the authority to establish elements of a *storm water pollution prevention plan*, and to require any business or operation to adopt and implement such a plan pursuant to San Diego Municipal Code section 43.0307(b).
- (5) *Employee training program*. The *enforcement official* shall have the authority to establish the elements of an *employee training program* that is part of a *storm water pollution prevention plan*.
- (6) *Best management practices*. The *enforcement official* may establish the *BMPs* required to be implemented for any *premises* pursuant to San Diego Municipal Code section 43.0307(a).

(“*Stormwater Conveyance System Protection*” renumbered to Sec. 43.0309;
“*Enforcement Authority*” renumbered from Sec. 43.0311 and amended 9–10–2001 by
O–18975 N.S.)
(Amended 7-16-2015 by O-20516 N.S.; effective 8-15-2015.)

§43.0311 Enforcement Remedies

- (a) It is unlawful for any person, business, or association to violate the provisions and requirements of San Diego Municipal Code sections 43.0301 through 43.0309. Violations of these provisions may be prosecuted as misdemeanors subject to the penalties provided in San Diego Municipal Code section 12.0201. The *enforcement official* may seek injunctive relief or civil penalties in the Superior Court pursuant to San Diego Municipal Code section 12.0202, or pursue any administrative remedy provided in San Diego Municipal Code Chapter 1, Article 2, Divisions 3 through 10.
- (b) Administrative civil penalties assessed pursuant to San Diego Municipal Code Chapter 1, Article 2, Division 8 for violations of any of the provisions and requirements of San Diego Municipal Code sections 43.0301 through 43.0309 shall be assessed at a maximum rate of \$10,000 per day per violation. The maximum amount of civil penalties shall not exceed \$100,000 per parcel or structure for any related series of violations.
- (c) As part of any civil action filed pursuant to San Diego Municipal Code section 12.0202 to enforce any provisions of San Diego Municipal Code sections 43.0301 through 43.0309, a court may assess a maximum civil penalty of \$10,000 per day per violation.

*(“Enforcement Authority” renumbered to Sec. 43.0310; “Enforcement Remedies” renumbered from Sec. 43.0312 and amended 9-10-2001 by O-18975 N.S.)
(Amended 7-16-2015 by O-20516 N.S.; effective 8-15-2015.)*

§43.0312 Remedies Not Exclusive

Remedies under this Article are in addition to and do not supersede or limit any and all other remedies, civil or criminal. The remedies provided for herein shall be cumulative and not exclusive.

(“Enforcement Remedies” renumbered to Sec. 43.0311; “Remedies Not Exclusive” renumbered from Sec. 43.0313 and amended 9-10-2001 by O-18975 N.S.)

DRINKING WATER DISCHARGE MONITORING FORM

(Use for All Discharges to the Storm Drain)

All discharge activities related to this project comply with the State Water Resources Control Board ORDER WQ 2014-0194-DWQ, STATEWIDE GENERAL NPDES PERMIT FOR DRINKING WATER SYSTEMS DISCHARGES as referenced by (http://www.waterboards.ca.gov/water_issues/programs/npdes/docs/drinkingwater/final_statewide_wqo2014_0194_dwq.pdf), and as follows:

Project Name:				WBS No.:			Watershed No.					
Qualified Person Conducting Tests:				signature								
BMPs MUST BE IN PLACE PRIOR TO ANY SCHEDULED DISCHARGE												
By signing, I certify that all of the statements and conditions for drinking water discharge events are correct.												
Event #1												
Discharge Location ¹	Category ² (Select one)	Notification ³ (Select all that apply)	BMPs in Place ⁴ (Select all that apply)	Volume ⁵ (gal)	Sampling ⁶ (take samples at 10 mins, 50-60 mins & last 10 mins)				Exceedance ⁷			Notes Report exceedance to RE & complete page 2 of 2
					Measure	Unit	Time	Result	Limit	No	Yes	
<u>Inlet Location</u> Start Date: Time: End Date: Time:	Superchlorinated (Chlorine added for disinfection)	TSW (All Categories)	Sweep flow path (gutter, street, etc.)	Total (if any)	Chlorine	mg/L			0.1 mg/L= Exceedance			
	Large Volume (≥ 325,850 gal)	PUD (All Categories)	Dechlorination (diffusers, chemicals, etc.)									
	Well Dev/Rehab (Not Typical)	Water Board (Large Volume Only)	Inlet Protection		Turbidity	NTU			20 NTU= Exceedance 225 NTU= Exceedance for Ocean			
	Small Volume/Other (No Sampling Required)	County (≥100,000 gal & within ¼ mile of ocean/bay; or if enters the County's MS4)	Erosion Controls									
			Sediment Controls		pH	Unit			Range 6.5 to 8.5			
	Event #2											
	Discharge Location ¹	Category ² (Select one)	Notification ³ (Select all that apply)	BMPs in Place ⁴ (Select all that apply)	Volume ⁵ (gal)	Sampling ⁶ (take samples at 10 mins, 50-60 mins & last 10 mins)				Exceedance ⁷		
Measure						Unit	Time	Result	Limit	No	Yes	
<u>Inlet Location</u> Start Date: Time: End Date: Time:	Superchlorinated (Chlorine added for disinfection)	TSW (All Categories)	Sweep flow path (gutter, street, etc.)	Total (if any)	Chlorine	mg/L			0.1 mg/L= Exceedance			
	Large Volume (≥ 325,850 gal)	PUD (All Categories)	Dechlorination (diffusers, chemicals, etc.)									
	Well Dev/Rehab (Not Typical)	Water Board (Large Volume Only)	Inlet Protection		Turbidity	NTU			20 NTU= Exceedance 225 NTU= Exceedance for Ocean			
	Small Volume/Other (No Sampling Required)	County (≥100,000 gal & within ¼ mile of ocean/bay; or if enters the County's MS4)	Erosion Controls									
			Sediment Controls		pH	Unit			Range 6.5 to 8.5			

Instructional Notes found on the Page 2 of 2

Submit completed Form to RE

Receiving Water Monitoring

(Complete only if limits exceed on Page 1 of 2)

Event #1	
1) Go to the location where the discharge enters the receiving water.	
<input type="checkbox"/> Accessible <input type="checkbox"/> Unable to Determine <input type="checkbox"/> No Safe Access	
2) If accessible, take photos and complete the visual monitoring below. If unable to determine, stop here. If no safe access, stop here.	
3) Visual Monitoring: Is the discharge into the receiving water...	
...causing erosion	<input type="checkbox"/> Yes <input type="checkbox"/> No
...carrying floating or suspended matter	<input type="checkbox"/> Yes <input type="checkbox"/> No
...causing discoloration	<input type="checkbox"/> Yes <input type="checkbox"/> No
...causing and impact to the aquatic life present	<input type="checkbox"/> Yes <input type="checkbox"/> No
...observed with visible film	<input type="checkbox"/> Yes <input type="checkbox"/> No
...observed with an sheen or coating	<input type="checkbox"/> Yes <input type="checkbox"/> No
...causing potential nuisance conditions	<input type="checkbox"/> Yes <input type="checkbox"/> No
3) If all answers are NO, stop here.	
4) If any answers are YES, Notify the RE immediately for further action	

Event #2	
1) Go to the location where the discharge enters the receiving water.	
<input type="checkbox"/> Accessible <input type="checkbox"/> Unable to Determine <input type="checkbox"/> No Safe Access	
2) If accessible, take photos and complete the visual monitoring below. If unable to determine, stop here. If no safe access, stop here.	
3) Visual Monitoring: Is the discharge into the receiving water...	
...causing erosion	<input type="checkbox"/> Yes <input type="checkbox"/> No
...carrying floating or suspended matter	<input type="checkbox"/> Yes <input type="checkbox"/> No
...causing discoloration	<input type="checkbox"/> Yes <input type="checkbox"/> No
...causing and impact to the aquatic life present	<input type="checkbox"/> Yes <input type="checkbox"/> No
...observed with visible film	<input type="checkbox"/> Yes <input type="checkbox"/> No
...observed with an sheen or coating	<input type="checkbox"/> Yes <input type="checkbox"/> No
...causing potential nuisance conditions	<input type="checkbox"/> Yes <input type="checkbox"/> No
3) If all answers are NO, stop here.	
4) If any answers are YES, Notify the RE immediately for further action	

Instructional Notes

- 1) Log the location of the inlet or discharge point. For example: Albatross St & 5th Av. Log the start date and time and the end date and time of the discharge.
- 2) Log the discharge category. "Superchlorinated" are discharges where additional chlorine is added in order to adequately disinfect and sanitize drinking water system facilities. This does NOT include potable water containing residual chlorine from the water treatment process. "Large Volume" discharges are greater than 325,850 gallons of total volume for one event. "Well Dev/Rehab" are discharges of potable ground water from a well. This is not typical. If none of these categories apply, then select "Small Volume/Other."
- 3) Notifications of the location, date, time, category, and estimated volume of discharge must be made to the contacts and per the requirements below:

Contact	When to Notify	Email
TSW	3 days prior to all discharges	SWPPP@SanDiego.gov
PUD	3 days prior to all discharges	CompReports@SanDiego.gov Rdavenport@SanDiego.gov
San Diego Water Board	3 days prior to Large Volume discharges	SanDiego@WaterBoards.ca.gov Ben.Neill@WaterBoards.ca.gov
County of San Diego	3 days prior if 100,000 gal and within 1/4 mile of ocean/bay	DEH: Joseph.Palmer@SDCounty.ca.gov Dominique.Edwards@SDCounty.ca.gov
	3 days prior if enter county MS4 or unincorporated County	WPP: Nicholas.DeValle@SDCounty.ca.gov LUEG.Watersheds@sdcounty.ca.gov

- 4) At a minimum, sweep gutters prior to starting discharge and use dechlorination BMPs. The contractor and RE must monitor and determine if BMPs need to be removed or modified. For example if inlet protection is causing flooding at a storm drain inlet, contractor may elect to remove BMPs. Document any modification to BMPs in the notes
- 5) Total volume must be logged for all discharges. If discharge water is reused for other purposes such as watering a golf course, log that volume under "Reused"
- 6) Sampling is required for categories per the following table:

Category	Measure	Sample Frequency
Superchlorinated	Chlorine, Turbidity, pH	first 10 min, 50-60 min, last 10 min
Large Volume	Chlorine Turbidity	first 10 min, 50-60 min, last 10 min
Well Dev/Rehab	Chlorine Turbidity	first 10 min, 50-60 min, last 10 min
Small Volume/Other	None required	N/A

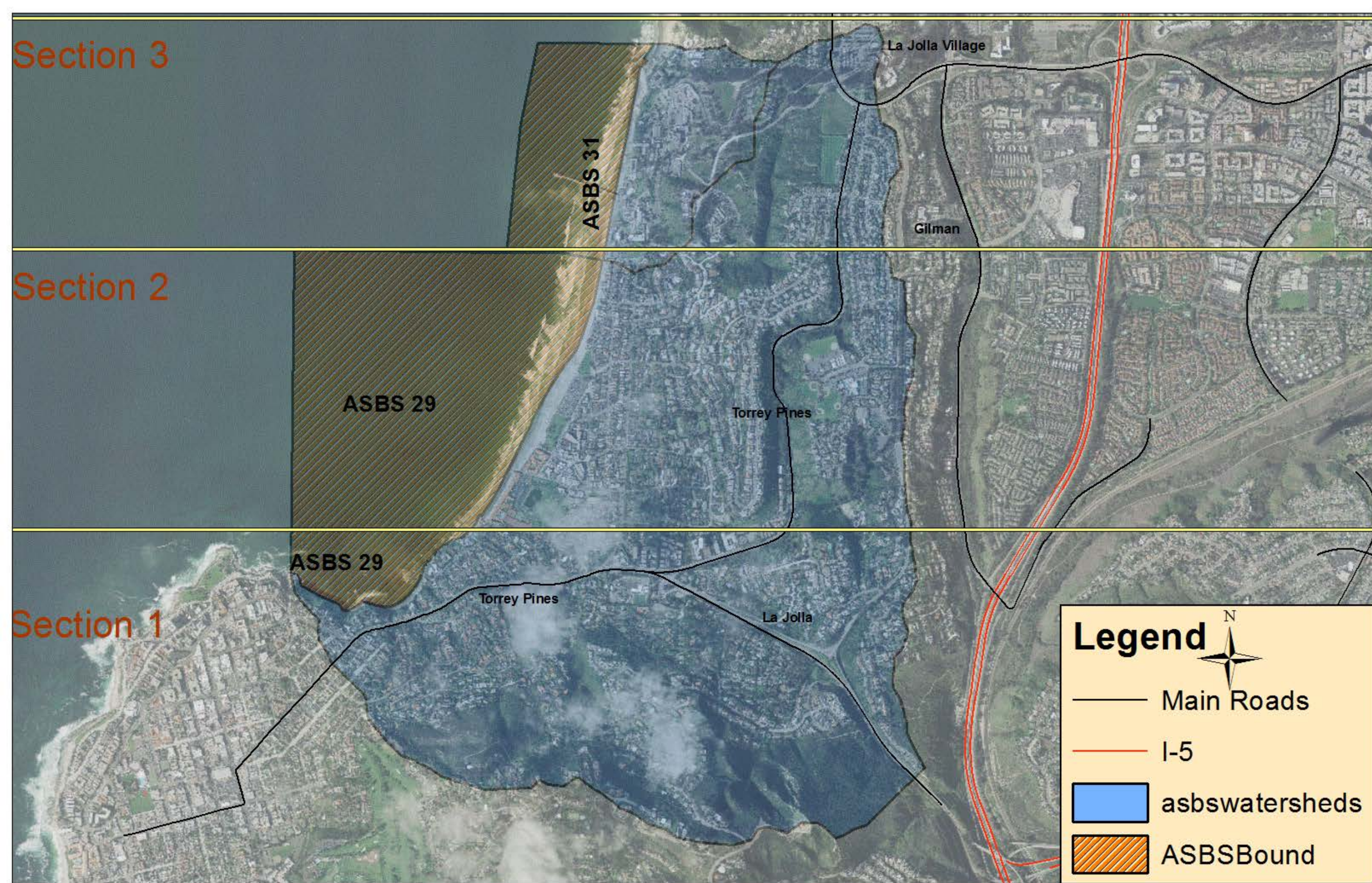
- 7) Effluent limitations must be monitored not to exceed per the following table:

Measure	Method	Limit
Chlorine	Field Measure	0.10 mg/L-Cl
Turbidity	Visual Estimate	20 NTU for inland waters
		225 NTU for ocean 100 NTU for wells
pH	Field Measure	6.5 - 8.5

Section 3

Section 2

Section 1





**City of San Diego
Development Services**
1222 First Ave, MS-501
San Diego, CA 92101

Permanent BMP Construction

Self Certification Form

**FORM
DS-563**

October 2019

Date Prepared:		Project No./Approval No(s).	
Project Applicant:		Phone:	
Project Address:			
Project Name:	Subdivision Map No:	Block/Unit/Phase:	Lot(s):

The purpose of this form is to verify that the site improvements for the project, identified above, have been constructed in conformance with the approved Storm Water Standards Manual documents and drawings.

This form must be completed by the engineer and submitted prior to final inspection of the construction permit and occupancy of any buildings. Completion and submittal of this form is required for Priority Development Projects to comply with the City's storm water ordinances and applicable San Diego Regional Municipal Separate Storm Sewer System (MS4) Permit. Final inspection for occupancy and/or release of grading or public improvement bonds may be delayed if this form is not submitted and approved by the City of San Diego.

Certification:

As the professional in responsible charge for the design of the project, I certify under penalty of law that I have inspected all constructed Low Impact Development (LID) site design, source control, hydromodification (HMP), and treatment control BMPs required per the Storm Water Standards Manual; and that said BMPs have been constructed in compliance with the approved plans and all applicable specifications, permits, ordinances, and the San Diego Regional MS4 Permit.

I further certify that an operational test on the storm water BMP(s) was performed which determined that the facilities are functioning as intended per the approved Storm Water Quality Management Plan (SWQMP).

☐ FINAL

☐ *Temporary (final certification must be submitted when all SWQMP approved BMPs are installed)

☐ HMP and/or Treatment Control BMP(s) were installed at the location(s) shown on the SWQMP and approved plans.

Site Inspection performed on: _____
Date(s)

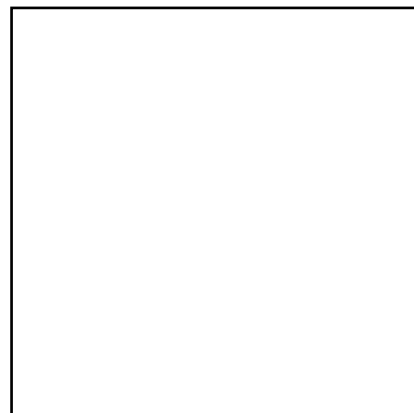
*Exhibit(s) showing the DMA boundaries, treatment devices, and buildings to be occupied must be attached.

Signature: _____

Date: _____

Phone No. _____

E-mail: _____



Engineer's Stamp

Common Linear Construction Storm Water Permit Violations

Compliant BMP

Non-Compliant BMP

Sediment and Dust Control

Tracking is not allowed. Stabilized entrances are required at every construction exit/entrances prior to start of construction. Observable track out requires additional BMPs.



Sweeping and vacuuming must be implemented daily and as-needed on all paved areas. Sweeping is evaluated based on performance. Methods that physically collect and remove sediment must be used.



Saw-Cutting and Concrete Waste Management

Saw Cutting slurry shall be vacuumed during operations and shall not be allowed to flow more than 12 inches from the saw cut line. The vacuum must be a maximum of 5 feet behind the cutting machine. All residue must be removed until can no longer be dislodged.



The vacuum operator shall be within a maximum of 5 feet of the saw cut operator to vacuum the slurry. Slurry must be removed with an appropriate method until no slurry can be dislodged.



Inlet Protection

Use inlet protection BMPs to capture sediment & other pollutants before they enter the storm drain. Prior to rain events, remove inlet protection BMP in flood prone areas. Remove sediment accumulation daily and prior to rain.



Lack of inlet protection allows pollutants into storm drains and/or water bodies. Check dams must be used upstream of the inlet protection. Replace damaged gravel bags, remove accumulated debris and sediment daily and prior to rain.



Common Linear Construction Storm Water Permit Violations

Compliant BMP

Non-Compliant BMP

Stockpile Protection

All stockpiles within the ROW must be stabilized with an erosion control product and bermed at the end of the day and prior to rain.



Stockpiles must be placed at least 18 inches from the gutter or ditches. Inadequate stabilization and berm.



Good Housekeeping

Drip pans are used to detect leaking from construction equipment.



Vehicles and equipment are not allowed to leak and must be repaired immediately or removed from the construction site. Drips pans or secondary containment area are required when fueling or maintenance.



Source Control prior to rain

End of the day stabilization is required for work within the Right-of-Way. Any erosion or riling greater than 1 inch deep must be repaired.



Fiber rolls must be trenched in and staked 4 ft max on center. Stockpiles in ROW must be stabilized with an erosion control product and bermed at the end of the day and prior to rain.



Frequent Construction Storm Water Permit Violations



Compliant

Non-Compliant

Erosion & Source Control

End of the day stabilization is required for all work in the ROW. Inactive areas must be stabilized prior to the 14th day of inactivity. All disturbed areas must be stabilized prior to a 50% chance of rain or per WTAP.



Deteriorated controls must be repaired or replaced until final stabilization is achieved. Onsite erosion (rills greater than 1" deep) must be repaired and restabilized within 72 hours and prior to rain.



Sediment Control

Linear sediment controls must be inspected/maintained daily and as needed.



Linear sediment controls must be implemented at the transition from lots to streets.



Inlet Protection

All storm drain inlets that receives runoff from the project site must be protected. Interior inlets must be protected at all times unless they may cause flooding downstream.



Lack of inlet protection allows pollutants into storm drains and/or water bodies. Check dams must be used upstream of the inlet protection. Replace damaged gravel bags, remove accumulated debris and sediment daily and prior to rain.



Frequent Construction Storm Water Permit Violations

Compliant

Non-Compliant

Vehicle Tracking

Stabilized construction entrances are required at every entrance/exit to project site. Tracking is not allowed.



Sweeping and vacuuming must be implemented daily and as-needed on all paved areas. Sweeping is evaluated based on performance. Methods that physically collect and remove sediment must be used.



Good Housekeeping

Materials that may contribute pollutants must be stored off the ground or in secondary containment, and must be covered at the end of the day. Also, they must be covered prior to rain.



Hazardous chemicals must be stored in water-tight containers. Waste containers are not allowed to leak and must be covered and secured at the end of every day and/or prior to rain.



Stockpile Protection

All stockpiles must be stabilized and bermed (i.e. perimeter control) at the end of every day and prior to rain.



All stockpiles in the ROW must be stabilized with an erosion control product and bermed at the end of the day and prior to rain.

