



CITY OF MONTCLAIR

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM-NPDES

CONDITIONS OF APPROVAL

PROJECT: _____

APPLICANT: _____ DATE: _____

REVIEWED: _____ Original Revised

NOTES: ONLY APPLICABLE CONDITIONS ARE CHECKED

THE APPLICANT AND/OR APPLICANT’S REPRESENTATIVE SHALL BE RESPONSIBLE FOR THE COMPLETION OF ALL APPLICABLE CONDITIONS PRIOR TO ISSUANCE OF ANY BUILDING PERMITS ON THIS PROJECT SITE UNLESS SPECIFIED OTHERWISE.

NPDES (National Pollutant Discharge Elimination System) Permit Requirements:

- Submit (1) (2) (3) set(s) of plans for NPDES Coordinator review. Plans must include items A – J listed on document titled “PLAN REQUIREMENTS” (see attachment A)
- Erosion and Sediment control activity notes are to be placed on the grading plan cover sheet. Detailed notes can be found on pages 1-3 of the form titled **EROSION AND SEDIMENT CONTROL**. (see attachment B & B.1)
- Prior to the approval of the Grading Plan and issuance of Grading Permit, a completed Water Quality Management Plan (WQMP) shall be submitted to and approved by the **Engineering Division**. The WQMP shall be submitted on a standard City form (see attachment C) and shall specifically identify Post-Construction Structural and Non-Structural Best Management Practices (BMPs) that will be designed into and implemented on this project to reduce the discharge of pollutants into the storm drain system to the maximum extent practicable for the duration of this project. The WQMP can be purchased on electronic format (CD) for \$5.00 or the WQMP can be downloaded from the State website:
http://www.waterboards.ca.gov/santaana/water_issues/programs/stormwater/san_bernardino_permit_wqmp.shtml
Please direct all questions on the WQMP to Mr. Joe Rosales at 909-625-9470 or Mr. Michael C. Hudson at 909-625-9441.
- All projects that develop one (1) acre or more of total land area, or which are part of a larger phased development of land are required to obtain coverage under

the State Water Control Board's General Permit for storm discharges associated with construction activity. This requirement includes projects that are linear in nature such as pipeline construction or curb construction. Proof of filling a Notice of Intent (NOI) with the state for coverage under this permit is required prior to approval of the grading plan and issuance of grading permit. The applicant shall submit a copy of the Waste Discharge Identification Number (WDID#) for coverage under the General Construction Permit to the Engineering Division.

The General Construction Permit can be found on the State website:

http://www.waterboards.ca.gov/water_issues/programs/stormwater/docs/constpermits/wqo_2009_0009_complete.pdf.

In addition, the following note shall be placed on the Grading Plan cover sheet:

THIS PROJECT SHALL BE CONSTRUCTED IN COMPLIANCE WITH THE REQUIREMENTS OF THE STATEWIDE GENERAL PERMIT FOR CONSTRUCTION ACTIVITIES.

NOTES:

ATTACHMENT A

CITY OF MONTCLAIR PUBLIC WORKS DEPARTMENT

STORM WATER PLAN REQUIREMENTS

Provide a site plan with the following items shown:

- A. Construction site perimeter, existing and proposed buildings, lots, roadways, paved areas, and areas of existing vegetation to be protected/preserved.
- B. General topography both before and after construction, and the anticipated discharge points where storm water drains to or from the construction site, including the point where runoff discharges to a municipal storm drain system or other water body. The plan must extend as far outside the site perimeter as necessary to illustrate the relevant drainage areas. Where relevant drainage areas are too large to depict on the map, map notes or inserts illustrating the upstream drainage areas are sufficient. Note: Runoff from off-site areas should be prevented from flowing through areas that have been disturbed by construction unless appropriate conveyance systems are in place.
- C. Plan must show Best Management Practices for each phase of construction, Grading and Land Development Phase, Streets and Utilities Phase, Vertical Construction Phase, and Final Landscaping and Site Stabilization Phase. Include subsequent sheets as necessary.
- C. Drainage patterns and slopes anticipated after major grading activities. The drainage patterns into each on-site storm water inlet point must be shown.
- D. Areas of soil disturbance, cut or fill, which will be stabilized during the rainy season by temporary or permanent erosion control measures such as seeding, mulch, blankets, etc.
- E. Location of temporary storm water structures used during construction to control erosion and sedimentation.
- F. Construction material loading, unloading and storage areas.
- G. Temporary stockpile or storage of soil or construction waste.
- H. Construction vehicle and equipment storage, cleaning and service areas.
- I. Stabilized construction equipment entrance/exit.
- J. Percentage of impervious surfaces before and after construction.

ATTACHMENT B

CITY OF MONTCLAIR

EROSION AND SEDIMENT CONTROL NOTES

1. The contractor shall follow the guidelines for the City of Montclair procedures for grading and erosion and sediment control for the measures shown or stated on the site and grading plans.
2. The contractor shall maintain the construction site by implementation of Best Management Practices (BMPs) in such a manner that pollutants are not discharged from the site to the maximum extent practical.
3. The contractor shall consider the full range of erosion control BMPs for all disturbed surfaces. Measures may include: buffer strips, hydromulch or mulch, track walking or imprinting, chipped native vegetation, bonded fiber matrices, soil stabilizers, binders, temporary seedings, erosion control blankets, sediment barriers, check dams, gravel and filter inlets, straw bales, waddles, gravel bags, drainage swales, and sediment basins. Gravel bags, if used in the street and/or in high traffic areas are to be monofilament gravel bags with 1½" minus drain rock. Any questions regarding gravel bag requirements should be addressed to the City's NPDES Coordinator, Joe Rosales, at 909-625-9470.
4. Contractor shall install and maintain silt fence around perimeter of property and installed according to the California Stormwater Quality Association Handbooks.
5. The contractor must ensure that the construction site is prepared prior to any grading or construction activities. Contractor shall have all erosion and sediment control measures in place at all times. This requirement is not conditional upon season or weather.
6. All erosion and sediment control measures shall be maintained until disturbed areas are stabilized.
7. Sediment control BMPs are required to be installed at all operation inlets to a storm drain system at all times. All erosion and sediment control measures shall be checked before and after all storms to ensure measures are functioning properly.
8. Contractor shall maintain a log at the site of all inspections or maintenance of Best Management Practices (BMPs), as well as any corrective changes to the BMPS or erosion and sediment control plan.
9. In areas where soil is exposed, prompt replanting with native compatible, drought-resistant vegetation shall be performed. No areas will be left exposed over the winter season.
10. The contractor shall install a stabilized construction entrance(s) prior to commencement of grading. Location of the entrance may be adjusted by the contractor to facilitate grading operations. All construction traffic leaving the construction site must cross the stabilized construction entrance. The stabilized

ATTACHMENT B

construction entrance shall remain in place until the road base rock course is completed. Wheel wash is recommended for clay soils.

11. All sediment deposited on paved roadways shall be swept at the end of each working day or more frequently as necessary.
12. Contractor shall place gravel bags around all new drainage structure openings immediately after the structure opening is constructed. These gravel bags shall be maintained and remain in place until construction is completed.
13. The Storm Water Pollution Prevention Plan may not cover all situations that arise during construction due to unanticipated field conditions. Variations may be made to the plan in the field subject to the approval of, or at the direction of, the City's NPDES Coordinator.
14. All portable restrooms shall have a tray underneath it to catch any spillage.

CONTRACTOR SHALL IMPLEMENT BMP HOUSEKEEPING PRACTICES AS FOLLOWS:

A. PROVIDE EMPLOYEE/SUBCONTRACTOR TRAINING IN CONSTRUCTION BMPs

Obtain appropriate construction best management practice fact sheets from the "California Storm Water BMP Handbook for Construction" or equivalent and provide copies and training on these BMPs to employees and subcontractors.

B. SOLID WASTE MANAGEMENT:

Provide designated waste collection areas and containers. Arrange for regular removal and disposal. Clear site of trash including organic debris, packaging materials, scrap or surplus building materials, and domestic waste daily.

C. MATERIAL DELIVERY AND STORAGE:

Provide a designated material storage area with secondary containment such as berming. Store material on pallets and provide covering for soluble materials. Relocate storage area into building shell when possible. Inspect area weekly.

D. CONCRETE WASTE:

Provide a designated area for a temporary container to be used for concrete truck washout. Dispose of hardened concrete offsite. At no time shall a concrete truck, trailer, or mixer dump its waste and/or wash out into the City or private streets, storm drains, or sanitary sewers. Inspect daily to control runoff and weekly for removal of hardened concrete. Below-grade pits are not allowed.

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E. PAINT AND PAINTING SUPPLIES:

Provide instruction to employees and subcontractors regarding reduction of pollutants including material storage, use, and clean up. Inspect site weekly for evidence of improper disposal.

F. VEHICLE FUELING, MAINTENANCE AND CLEANING:

Provide a designated fueling area with secondary containment such as berming. Do not allow mobile fueling of equipment. Provide equipment with drip pans. Restrict onsite maintenance and cleaning of equipment to a minimum. Inspect area weekly.

G. HAZARDOUS WASTE MANAGEMENT:

Prevent the discharge of pollutants from hazardous wastes to the drainage system through proper material use, waste disposal and training of employees. Hazardous waste products commonly found onsite include, but are not limited to, paints and solvents, petroleum products, fertilizers, herbicides and pesticides, and soil stabilization, stabilization products, asphalt products and concrete curing products.

H. ASPHALT, SAWCUTTING, CORING, AND GRINDING ACTIVITIES:

Inform employees and subcontractors to protect catch basins when applying asphalt seal coat, slurry seal or fog seal and during grinding activities, and to prevent sawcutting slurries, coring, or A.C. grinding wastes from entering the storm drain system. All slurry caused by sawcutting or coring activities shall be vacuumed and disposed of properly.

I. BUILDING BLASTING AND CLEANING:

Provide instruction to employees and subcontractors, before they start the job, to ensure that blast residue from high-pressure washing of buildings is not allowed to enter the storm drain system. If paint removal involves hazardous substances such as lead and mercury, the waste must be prevented from percolating into the ground and must be hauled off-site as a hazardous waste.

J. CEMENT, GROUT AND MORTAR WORK, AND CLEAN UP:

Ensure that employees and subcontractors prevent cement, grout and mortar solids, and clean up water from entering the storm drain system.

K. SANITARY AND SEPTIC WASTES:

Sewage is prohibited in the storm drain system. Ensure septic tank service company is informed that sewage and wastewater generated from the disinfection and wash down of septic tanks cannot be discharged to the storm drain system.

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L. WATER LINE DISINFECTION, FLUSHING, DEWATERING, AND OTHER NON-STORM WATER DISCHARGES:

Unless exempted or authorized by an NPDES permit, all non-storm water discharges require prior approval by the City or the Regional Water Quality Control Board. The developer or contractor shall notify the City's NPDES Coordinator 909-625-9470 or the Regional Water Quality Control Board at 951-782-4130 a minimum of five days prior to any discharge to the storm drain system for planned discharges, or as soon as possible, for unplanned discharges. Chlorinated water must be dechlorinated to <0.1 ppm prior to discharge to the City's storm drainage system. Sampling during the first 30 minutes is required. Suspended solids in sediment-laden water must also be reduced to <75 ppm prior to discharge to the storm drain system. Dewatering of contaminated groundwater, or discharging contaminated soils via surface erosion is prohibited.

M. PROHIBITED DISCHARGES:

The following discharges into the storm drain system are prohibited: Discharges that could have an impact on human health and the environment; cause or threaten to cause pollution, contamination, or nuisance; discharges that exceed any water quality standard contained in the Statewide Water Quality Control Plan or Local Basin Plan; and discharges containing hazardous substance equal to or in excess of a reportable quantity listed in the Federal Regulations 40 CFR Parts 117 and 302.

Materials that can cause or contribute to pollution or a violation of any applicable water quality standard include, but are not limited to: sediments, contaminated soil, solid or liquid chemical spills; wastes from paints, stains, sealants, glues, limes, pesticides or herbicides, wood preservatives or solvents; asbestos fibers, paint flakes or stucco fragments; fuels, oils, lubricants, or hydraulic, radiator and battery fluids; fertilizers; vehicle/equipment wash water or concrete wash water; concrete, detergent or floatable wastes; wastes from any engine/equipment steam cleaning or chemical degreasing; contaminated groundwater and chlorinated potable water line flushing.

THE CONTRACTOR SHALL REPORT THE FOLLOWING INCIDENTS

1. If there is an accidental discharge of non-storm water containing pollutants that has the potential to enter or enters a City storm drain or flood control channel, the contractor shall notify the City's NPDES Coordinator as soon as possible at 909-625-9470. If no answer, voice mail, or after normal business hours, dial 911 and report discharge.
2. If there is a release or threatened release of a hazardous material, the contractor shall dial 911 and report the discharge. In addition the following agencies shall be notified:

San Bernardino County Fire Department, Hazardous Material Division,
at 800-33-TOXIC, or

San Bernardino County Fire Department, Hazardous Material Division,

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at 909-387-3044, and

State of California Office of Emergency Services at 800-852-7550, and,

National Response Center (for reportable quantity) at 800-424-8802.

FAILURE TO FOLLOW SEDIMENT & EROSION CONTROL NOTES IS IN VIOLATION OF YOUR STATE ISSUED CONSTRUCTION PERMIT AND MONTCLAIR MUNICIPAL CODE AND WILL BE SUBJECT TO JOB SHUT DOWN AND/OR MONETARY FINES.

ATTACHMENT B.1

EROSION & SEDIMENT CONTROL/NPDES REQUIREMENTS FOR PROJECTS LESS THAN 1 ACRE

In the absence of a provided or required Storm Water Pollution Prevention Plan, the contractor shall follow the guidelines contained herein to reduce the potential for erosion and its associated impacts. These guidelines are minimum requirements. Additional work may be required. The intent of these guidelines is to require the contractor to identify, construct, and implement storm water pollution prevention measures to reduce pollutants in storm water discharges from the construction site both during construction and after construction is completed.

An Erosion and Sediment Control Plan shall be included with the grading plan.
NO EXCEPTIONS!

Construction Activities

Fiber Rolls or equivalent and sediment basins shall be used as necessary to prevent sediment transport outside the construction limits or into drainage systems. All disturbed soils in areas such as, slopes, any excavations, and graded areas where there will be no further disturbance of more than 14 days shall be protected to minimize erosion. Sediment tracking shall be cleaned up by the contractor in a manner that will minimize the sediment discharged to any drainage system. Cleaning methods may include but are not limited to shoveling and sweeping.

The entire construction work area shall be wetted down to control fugitive dust. However, water shall not be used in sufficient quantities that sediment transport out of the work area or into any drainage system occurs.

The construction site shall be kept free and clear of all litter and debris to avoid the possibility of any deleterious materials washing into any drainage system or out of the work area.

Any contractor or subcontractor handling fresh concrete or mortars shall keep these materials out of any drainage system. Concrete trucks shall not wash-out into gutters. Concrete finishing tools shall not be cleaned in a manner that would permit cement, mortar or concrete from washing into a gutter or drainage system.

Storage Areas

Areas used for storage of equipment or materials shall be protected against runoff of sediment or other deleterious materials. Materials and equipment should be raised on pads or other similar devices.

Stockpiled materials (sand, top soil, landscape materials, other construction materials, etc.) shall be covered with plastic or other suitable material to reduce erosion and runoff

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potential. This requirement is applicable to erosion cause by both wind and rain. Storm water and irrigation runoff shall be directed around stockpile and storage areas.

All potential pollutant materials shall be covered at all times. These materials include but are not limited to dumpsters, waste containers, drums, tanks, solvents, boxes, chemicals, and paints.

Maintenance of Equipment

Whenever possible, equipment shall be serviced and maintained away from the construction site. When this is not possible or is inconvenient, measures shall be taken to prevent spillage and contamination.

All construction equipment shall be maintained in a good state of repair to minimize pollution. Oil, fuel and hydraulic leaks shall be fixed before equipment is brought to the site and put to use. Drip pans shall be used during all oil or fluid changes. Spills shall be cleaned immediately and the wastes disposed of in a legal manner.

Waste materials shall be disposed of properly and in a legal manner. Waste materials shall be recycled whenever possible.



MONTCLAIR

WQMP PLAN CHECK SUBMITTAL FORM

DATE: _____

ADDRESS/LOCATION: _____

PROJECT DESCRIPTION: _____

OWNER/DEVELOPER: _____ PHONE: _____

FAX: _____

ADDRESS: _____

ENGINEER/ARCHITECT: _____ PHONE: _____

FAX: _____

ADDRESS: _____

EMAIL ADDRESS: _____

FOR OFFICE USE ONLY:

TWO COPIES OF PLANS FOR FIRST SUBMITTAL.

NON-CATEGORICAL WQMP FEE - \$1,500 INITIAL REVIEW FEE
AFTER INITIAL REVIEW AND ASSESSMENT, ADDITIONAL PLAN CHECK FEES MAY BE
REQUIRED ACCT. NO. 1001-300-0000-3573

CATEGORICAL WQMP FEE - \$3,500
THIS FEE COVERS UP TO THREE WQMP REVIEWS. IF WQMP IS NOT APPROVED AFTER THE
THIRD SUBMITTAL, AN ADDITIONAL \$3,000 WILL BE REQUIRED PRIOR TO CONTINUATION OF
THE REVIEW PROCESS. ANY REVIEWS REQUIRED BEYOND A SIXTH PLAN REVIEW WILL
REQUIRE ADDITIONAL PLAN CHECK FEES TO BE DETERMINED.
ACCT. NO. 1001-300-0000-3573

FEE AMOUNT:\$ _____

RECEIPT NO.: _____

DATE: _____