| **Weather Triggered Action Plan (WTAP)** |
| --- |
| **Project Name:**  |  | **Date:** |  |
| **City Project Tracking Number:** |  | **Permit Number:** |  |
| **Predicted % chance of rain:****[Attach National Weather Service hourly forecast (http://www.weather.gov/sgx/)]** |  | **Date Rain Predicted to Occur:** |  |
| **Total Project Area:** |  |  |  |
| **Current Disturbed Area:** |  |  |  |
| **Site Information:** Street Name, City and Zip Code  |
| **Qualified Contact Person (QCP):** Name, Company, E-mail, Emergency Phone Number (24/7) |
| **General Contractor:** Name, Company, E-mail, Emergency Phone Number (24/7) |
| **Owner:** Name, Company, E-mail, Emergency Phone Number (24/7) |
| **Erosion and Sediment Control Contractor – Labor Force contracted for the site:** Name, Company, E-mail, Emergency Phone Number (24/7) |
| **Stormwater Sampling Agent (if applicable for CGP sites):** Name, Company, Emergency Phone Number (24/7) |
| **City of San Diego WTAP Implementation Requirements** **(Refer to Table 4-2 in the Storm Water Standards Manual, Part 2)**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Check****one** | **Trigger Level** | **Project Applicability** | **WTAP Implementation Trigger [Probability of Precipitation (POP)]1** | **WTAP prepared no later than # hours prior to predicted onset of rain** | **WTAP implementation completed no later than # hours prior to predicted onset of rain** | **Trigger Level Justification and Enforcement Status4** |
|  | A | All Projects2 | 50% POP | 48 hours | Prior to Rain | Currently compliant based on City Inspection |
| **Enhanced WTAP Triggers per City Inspection Results:** |
|  | B | All Projects2 | 40% POP | 48 hours3 | 24 hours | Escalating Enforcement for non-compliant erosion and sediment control BMPs |

1 BMP deployment and active area stabilization timing is based on National Weather Service probability of precipitation (http://www.weather.gov/sgx/); Use project location and hourly forecast. POP shall be checked once per business day during business hours. If there is less than a 50% POP on Friday when the forecast is checked, a WTAP does not need to be prepared for the following Monday (assuming business hours are Mon-Fri). If the POP is greater than 50% on Monday when the forecast is checked, a WTAP shall be prepared.2 Project that have a land disturbance less than 5,000 square feet and less than a 5-foot elevation differential over the entire project area are exempt from WTAP requirements.3 Sites must be checked at 24 hours prior to the rain event to ensure the WTAP is consistent with current construction conditions.4 Trigger Level selected by City RE or City Inspector based on non-compliant site conditions. The project will remain at the assigned Trigger Level until compliance is demonstrated to the satisfaction of the City RE or City Inspector. The City may move a project back to Trigger A, if compliance is demonstrated for three successive inspections by City construction storm water inspectors. |
| **City of San Diego WTAP Requirements (to be done by Site QCP)*** Cover waste containers, material and stockpiles per WTAP implementation requirements.
* Stabilize areas of exposed soils (active and inactive areas) per WTAP implementation requirements.
* Inspect the entire Site and all known discharge points.
* Complete pre-rain BMP inspection and repair and maintain Site BMPs.
* Complete Required Weather Triggered Actions (Page 3).
* Prepare WTAP Exhibit (instructions provided on Page 4).
* Keep a copy of each WTAP and WTAP Exhibit in the onsite project SWPPP or WPCP.
 |
| U**Current Active Phase(s) and Activities** *Check ALL the boxes below that apply to your site***❒ *Grading and Land Development:***

|  |  |  |
| --- | --- | --- |
| * Demolition
 | * Vegetation Removal
 | * Vegetation Salvage-Harvest
 |
| * Rough Grade
 | * Finish Grade
 | * Blasting
 |
| * Soil Amendment(s):
 | * Excavation (\_\_\_\_\_ sq. feet)
 | * Soils Testing
 |
| * Rock Crushing
 | * Erosion and Sediment Control
 | * Surveying
 |
| * Equip. Maintenance/Fueling
 | * Material Delivery and Storage
 | * Other: \_\_\_\_\_\_\_\_\_\_\_\_\_
 |

U**❒ *Streets and Utilities:***

|  |  |  |
| --- | --- | --- |
| * Finish Grade
 | * Utility Install
 | * Paving Operations
 |
| * Equip. Maintenance/Fueling
 | * Storm Drain Installation
 | * Material Delivery & Storage
 |
| * Curb and Gutter/Concrete Pour
 | * Masonry
 | * Other: \_\_\_\_\_\_\_\_\_\_\_\_\_
 |

U**❒ *Vertical Construction:***

|  |  |  |
| --- | --- | --- |
| * Framing
 | * Carpentry
 | * Concrete/Forms/Foundation
 |
| * Masonry
 | * Electrical
 | * Painting
 |
| * Drywall/Interior Walls
 | * Plumbing
 | * Stucco
 |
| * Equip. Maintenance/Fueling
 | * HVAC
 | * Tile
 |
| * Exterior Siding
 | * Insulation
 | * Landscaping & Irrigation
 |
| * Flooring
 | * Roofing
 | * Other: \_\_\_\_\_\_\_\_\_\_\_\_\_
 |

U**❒ *Final Landscaping & Site Stabilization:***

|  |  |  |
| --- | --- | --- |
| * Stabilization
 | * Vegetation Establishment
 | * E&S Control BMP Removal
 |
| * Finish Grade
 | * Storage Yard/ Material Removal
 | * Landscape Installation
 |
| * Drainage Inlet Stencils
 | * Irrigation System Testing
 | * Other: \_\_\_\_\_\_\_\_\_\_\_\_\_
 |
|  | * Inlet Filtration
 | * Perm. Water Quality Ponds
 |
|  |  |  |
| **❒ *Inactive Construction Site:**** E&S Control Device Installation
* E&S Control Device Maintenance
 | * Routine Site Inspection
* Street Sweeping
 | * Trash Removal
* Other: \_\_\_\_\_\_\_\_\_\_\_\_\_
 |

 |
| **Trades Active on Site during Current Phase(s)***Check ALL the boxes below that apply to your site*

|  |  |  |
| --- | --- | --- |
| * Storm Drain Improvement
 | * Grading Contractor
 | * Surveyor- Soil Technician
 |
| * Street Improvements
 | * Water Pipe Installation
 | * Sanitary Station Provider
 |
| * Material Delivery
 | * Sewer Pipe Installation
 | * Electrical
 |
| * Trenching
 | * Gas Pipe Installation
 | * Carpentry
 |
| * Concrete Pouring
 | * Electrical Installation
 | * Plumbing
 |
| * Foundation
 | * Communication Installation
 | * Masonry
 |
| * Demolition
 | * Erosion and Sediment Control
 | * Water, Sewer, Electric Utilities
 |
| * Material Delivery
 | * Equipment Fueling/Maintenance
 | * Rock Products
 |
| * Tile Work- Flooring
 | * Utilities (e.g., Sewer, Electric)
 | * Painters
 |
| * Drywall
 | * Roofers
 | * Carpenters
 |
| * HVAC installers
 | * Stucco
 | * Pest Control
 |
| * Exterior Siding
 | * Masons
 | * Water Feature Installation
 |
| * Insulation
 | * Landscapers
 | * Utility Line Testers
 |
| * Fireproofing
 | * Riggers
 | * Irrigation System Installation
 |
| * Steel Systems
 | * Utility Line Testers
 | * Other: \_\_\_\_\_\_\_\_\_\_\_\_\_
 |

 |
| **Information Provided to the Trade Contractors***Check ALL the boxes below that apply to your site.*

|  |  |  |
| --- | --- | --- |
| * Educational Material Handout
 | * Tailgate Meetings
 | * Training Workshop
 |
| * Contractual Language
 | * Fines and Penalties
 | * Signage
 |
| * Other:
 | * Other:
 | * Other: \_\_\_\_\_\_\_\_\_\_\_\_\_
 |

 |
| **Trade or Activity** | **Required Actions to be perform prior to rain** |
| * Information & Scheduling

  | * Inform trade supervisors of predicted rain
* Check scheduled activities and reschedule as needed
* Alert erosion/sediment control provider
* Alert sample collection contractor (if applicable)
* Schedule staff for extended rain inspections (including weekends & holidays)
* Check Erosion and Sediment Control material stock
* Prepare WTAP Exhibit
* Other:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
 |
| * Trade operations
 | * Exterior operations shut down for event (e.g., no concrete pours or paving)
* Soil treatments (e.g., fertilizer) ceased within 24 hours of event
* Materials and equipment (ex: tools) properly stored and covered
* Waste and debris disposed in covered dumpsters or removed from site
* Trenches and excavations protected
* Perimeter controls around disturbed areas
* Fueling and repair areas covered and bermed
* Other:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
 |
| * Material and stockpile management

  | * Material elevated and covered or stored within secondary containment (including indoors)
* Stockpiles bermed and covered
* Material and stockpiles located at least 50 feet away from storm drain facilities.
* Other:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
 |
| * Waste management

  | * Waste and recycling containers covered and secured
* Drain holes plugged
* Portable toilet containment pans maintained
* Other:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
 |
| * Vehicles and equipment pollution prevention
 | * Vehicles free of leaks and parked with drip pans
* Drip pans maintained
* Other:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
 |
| * Spill prevention and control
 | * All spills and drips are cleaned
* Spills that cannot be properly cleaned prior to the rain event must be covered
* Other:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
 |
| * Concrete waste management

  | * Adequate capacity for rain
* Washout bins covered
* Other:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
 |
| * Erosion controls
 | * Temporary erosion controls deployed for all active areas, inactive areas, and construction support areas
* Other\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
 |
| * Sediment controls

  | * Perimeter protection in place and maintained
* Storm drain inlets are protected, except when inlet is within City streets open to the public. For storm drain inlets within the City ROW, inlet protection is to be removed and the area must be cleared of sediment and debris.
* Temporary linear sediment controls deployed around perimeter of disturbed areas, stockpiles, and on slopes
* Adequate capacity in sediment basins and traps
* Roads swept; site ingress and egress points stabilized
* Other:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
 |
| * Run-on and runoff controls

  | * Temporary runoff controls in place (e.g., check dams and chevrons)
* Drainage controls (e.g., swales, dikes, berms) maintained
* Temporary energy dissipation installed and maintained
* Other\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
 |
| * Other / Discussion
 |  |

**Weather Triggered Action Plan (WTAP) Exhibit**

**Instructions:** A WTAP Exhibit identifying BMPs currently in place and BMPs which will be implemented prior to rain must be prepared with each WTAP. The WTAP Exhibit and WTAP Exhibit Legend shall be posted in the construction trailer (or otherwise available onsite if a trailer is not present). The QCP (or QSD/QSP if the project has a SWPPP) must update the current SWPPP/WPCP Site Map by hand or prepare current representative photographs (aerial or other) to depict BMPs. Contractor may develop their own WTAP Exhibit Legend under the following conditions:

* The exhibit must clearly depict installed BMPs;
* The exhibit must clearly depict BMPs to be installed prior to the rain event; and
* The legend must be posted with the WTAP Exhibit.

**Example symbols for the WTAP Exhibit Legend are provided below**

**Drainage Patterns and Monitoring (Show in Black or Blue on Exhibit)**

|  |  |
| --- | --- |
| **Symbol** |  |
|  | Flow Direction |
|  | Discharge Locations |

**BMPs Currently Installed (Highlight BMPs on SWPPP / WPCP Site Map or Depict on Aerial Photo to create WTAP Exhibit)**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Symbol** | **BMP** | **Installed** | **Condition\*** | **Date Repairs Completed for BMPs in Poor Condition.** |
|  | Erosion Control | **❒** Yes **❒** NA | **❒** Good **❒** Poor |  |
|  | Sediment Basin/Traps | **❒** Yes **❒** NA | **❒** Good **❒** Poor |  |
|  | Perimeter/Linear Controls | **❒** Yes **❒** NA | **❒** Good **❒** Poor |  |
|  | Inlet Protection | **❒** Yes **❒** NA | **❒** Good **❒** Poor |  |
|  | Check Dams | **❒** Yes **❒** NA | **❒** Good **❒** Poor |  |
|  | Tracking Control | **❒** Yes **❒** NA | **❒** Good **❒** Poor |  |
|  | Dike, Swales, Slope Drains | **❒** Yes **❒** NA | **❒** Good **❒** Poor |  |
|  | Waste Management | **❒** Yes **❒** NA | **❒** Good **❒** Poor |  |
|  | Materials Management | **❒** Yes **❒** NA | **❒** Good **❒** Poor |  |
|  | Stockpile Management | **❒** Yes **❒** NA | **❒** Good **❒** Poor |  |
|  | Other | **❒** Yes **❒** NA | **❒** Good **❒** Poor |  |

\* BMPs in poor conditions must be repaired at least 48 hours prior to rain.

**BMPs to be Installed (Show in Red on Exhibit)**

|  |  |  |  |
| --- | --- | --- | --- |
| **Symbol** | **BMP** | **Description/Type/Product** | **Installation Date** **(must be consistent with WTAP implementation schedule)** |
|  | Erosion Control |  |  |
|  | Sediment Basin/Traps |  |  |
|  | Perimeter/Linear Controls |  |  |
|  | Inlet Protection |  |  |
|  | Check Dams |  |  |
|  | Tracking Control |  |  |
|  | Dike, Swales, Slope Drains |  |  |
|  | Waste Management |  |  |
|  | Materials Management |  |  |
|  | Stockpile Management |  |  |
|  | Other |  |  |

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