



COUNTY OF SAN DIEGO – Department of Public Works
**RAIN EVENT ACTION PLAN – GRADING AND LAND DEVELOPMENT/
 STREET AND UTILITIES / VERTICAL CONSTRUCTION PHASE**
 CE 2040 (Rev. 03/16)

PROJECT NAME AND SITE ADDRESS:	CONTRACT NUMBER:
	ORACLE NUMBER:
	WDID NUMBER:
CONTRACTOR NAME AND ADDRESS:	PROJECT SITE RISK LEVEL: <input type="checkbox"/> Risk Level 1 <input type="checkbox"/> Risk Level 2 <input type="checkbox"/> Risk Level 3 <input type="checkbox"/> LUP Type <input type="checkbox"/> WPCP
Submitted by (Print Name and Sign):	Date:
Water Pollution Control Manager Name and Company Name:	Phone Number: Emergency (24/7) Phone Number:
Erosion and sediment control provider or subcontractor Name and Company:	Phone number: Emergency (24/7) Phone Number:
Stormwater sampling and testing agent or subcontractor Name and Company:	Phone Number: Emergency (24/7) Phone Number:

Storm Information

Attach forecasted precipitation information from the National Weather Service Forecast Office website, <http://www.srh.noaa.gov/forecast>

Project site zip code:	Date forecast checked:	Time forecast checked:
Forecast percentage probability of precipitation in 24 hours:	Expected precipitation amount:	Date:
Forecast percentage probability of precipitation in 48 hours:	Expected precipitation amount:	Date:
Forecast percentage probability of precipitation in 72 hours:	Expected precipitation amount:	Date:
Will predicted weather pattern rain event produce ½-inch or more rain? <input type="checkbox"/> Yes <input type="checkbox"/> No	Note: A qualifying rain event happens when a predicted weather pattern will produce ½-inch or more precipitation. A qualifying rain event will require stormwater visual monitoring, site inspections, and sampling and analysis of stormwater discharges.	

Current Phase of Construction

Check ALL boxes below that apply to current project site.

<input type="checkbox"/> Grading and Land Development	<input type="checkbox"/> Vertical Construction
<input type="checkbox"/> Streets and Utilities	<input type="checkbox"/> Other:

Activities Associated with Construction Projects

Check ALL boxes below that apply to current project site.

<input type="checkbox"/> Clearing and grubbing <input type="checkbox"/> Earthwork <input type="checkbox"/> Culvert construction <input type="checkbox"/> Rough grading <input type="checkbox"/> Storm drain Installation <input type="checkbox"/> Utility installation water-gas-sewer <input type="checkbox"/> Structure foundations (including piles) <input type="checkbox"/> Subgrade grading <input type="checkbox"/> Subbase and base placement	<input type="checkbox"/> Finish grading <input type="checkbox"/> Structure construction <input type="checkbox"/> Soundwall construction <input type="checkbox"/> Curbs, gutters, and sidewalks <input type="checkbox"/> Paving operations <input type="checkbox"/> Finishing roadway <input type="checkbox"/> Metal beam guard rail installation <input type="checkbox"/> Sign installation <input type="checkbox"/> Electrical work	<input type="checkbox"/> Traffic striping and pavement markings <input type="checkbox"/> Planting <input type="checkbox"/> Soil amendments <input type="checkbox"/> Plant establishment <input type="checkbox"/> Material delivery and storage <input type="checkbox"/> Equipment maintenance and fueling <input type="checkbox"/> Erosion and sediment control <input type="checkbox"/> Concrete / Forms <input type="checkbox"/> Framing	<input type="checkbox"/> Masonry <input type="checkbox"/> Drywall / Interior walls <input type="checkbox"/> Exterior siding <input type="checkbox"/> Flooring <input type="checkbox"/> Carpentry <input type="checkbox"/> Plumbing / HVAC / Insulation <input type="checkbox"/> Roofing <input type="checkbox"/> Painting / Stucco / Tile <input type="checkbox"/> Other:
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Subcontractors or Trades Active on Site for Construction

Check ALL boxes below that apply to current project site.

<input type="checkbox"/> Grading (operating engineers) <input type="checkbox"/> Underground storm drain (operating engineers and laborers) <input type="checkbox"/> Underground utilities (operating engineers and laborers) <input type="checkbox"/> Underground utilities (public or private utility company) <input type="checkbox"/> Pile Installation (pile butts) <input type="checkbox"/> Concrete foundations (carpenters, laborers, and concrete finishers) <input type="checkbox"/> Bar reinforcement placement (Iron Workers) <input type="checkbox"/> Structure construction (carpenters and laborers) <input type="checkbox"/> Concrete placement (operating engineer, laborers, and concrete finishers) <input type="checkbox"/> Hot mix asphalt placement (operating engineers and laborers)	<input type="checkbox"/> Curb, gutter and sidewalk (carpenters, laborers and concrete finishers) <input type="checkbox"/> Lighting and signals (operating engineers and electricians) <input type="checkbox"/> Metal beam guard rail (operating engineers and laborers) <input type="checkbox"/> Signs (operating engineers, laborers) <input type="checkbox"/> Traffic striping and pavement markings <input type="checkbox"/> Masonry soundwalls (masons and laborers) <input type="checkbox"/> Erosion and sediment control <input type="checkbox"/> Highway planting <input type="checkbox"/> Steel systems	<input type="checkbox"/> Masons <input type="checkbox"/> Drywall <input type="checkbox"/> Exterior siding <input type="checkbox"/> Tile work – flooring <input type="checkbox"/> Carpenters <input type="checkbox"/> HVAC installers / plumbing <input type="checkbox"/> Roofers <input type="checkbox"/> Painters / stucco <input type="checkbox"/> Insulations <input type="checkbox"/> Other <input type="checkbox"/> Other
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Trade (Subcontractor) information provided
Check ALL boxes below that apply to current project site.

<input type="checkbox"/> Project SWPPP Handout <input type="checkbox"/> Contract Specifications <input type="checkbox"/> Educational Material <input type="checkbox"/> SWPPP Training Workshop	<input type="checkbox"/> Tailgate Meetings <input type="checkbox"/> Poster and Signage <input type="checkbox"/> Other <input type="checkbox"/> Other
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Predicted Rain-Event-Triggered Actions

Activity	Actions Required Before Predicted Rain Event
Information and Scheduling	<input type="checkbox"/> Project superintendent informed of predicted rain at _____ (time) on _____ (date). <input type="checkbox"/> Foreman and subcontractors informed of predicted rain. <input type="checkbox"/> Erosion control or sediment control provider notified to provide. <input type="checkbox"/> Pre-storm crew with at least _____ people. <input type="checkbox"/> Pre-storm crew to start implementing storm event actions by _____ (time) on _____ (date). <input type="checkbox"/> Sample collection and testing provider alerted if non-visible pollutant sampling and testing required. <input type="checkbox"/> N/A List of non-visible pollutant sampling locations and parameters: 1. _____ 2. _____ 3. _____ 4. _____ 5. _____ <input type="checkbox"/> Check that adequate erosion and sediment control materials are on hand for <input type="checkbox"/> Pre-storm required actions <input type="checkbox"/> Extended storm event maintenance and repair <input type="checkbox"/> Review that the BMP site map is updated and provide a copy to erosion and sediment control provider or subcontractor. <input type="checkbox"/> Other _____ <input type="checkbox"/> Other _____ <input type="checkbox"/> Other _____ <input type="checkbox"/> Other _____
	<p align="center">Additional Actions Required Before a Qualified Rain Event</p> <input type="checkbox"/> Pre-storm stormwater site inspection completed. <input type="checkbox"/> Listed corrective actions identified by pre-storm stormwater site inspection that must be corrected before storm event on page 4 of this REAP. <input type="checkbox"/> Staff scheduled for inspections during storm. <input type="checkbox"/> Erosion control or sediment control provider notified at _____ (time) on _____ (date) to provide crew during the storm event of at least _____. <input type="checkbox"/> Staff scheduled for inspections during storm. <input type="checkbox"/> The attached contingency plan is to be implemented in the event of flooding.

Construction Site Monitoring Program Actions Required Before a Qualified Rain Event

	<input type="checkbox"/> Review the discharge location site map for the current phase of the project, and include additional non-visible pollutant sampling locations identified during pre-storm stormwater site inspection. <input type="checkbox"/> Alert sample collection and testing provider that sampling will be required and provide the following: <input type="checkbox"/> Update discharge location site map <input type="checkbox"/> The required number of sampling locations for this phase of the project: <input type="checkbox"/> _____ Discharge points <input type="checkbox"/> _____ Receiving water for Risk Level 3 <input type="checkbox"/> _____ Run-on locations <input type="checkbox"/> _____ Non-visible potential discharge points Run-on Sampling Locations 1. _____ 2. _____ 3. _____ 4. _____ 5. _____
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Predicted Rain-Event-Triggered Actions (continued)

Activity	Construction Site Monitoring Program Actions Required Before a Qualifying Rain Event (continued)
Information and Scheduling	Discharge Sampling Locations 1. _____ 2. _____ 3. _____ 4. _____ Receiving Water Sampling Locations 1. _____ 2. _____ 3. _____ 4. _____ <input type="checkbox"/> Identify non-visible pollutant testing locations and parameters on Page 2. <input type="checkbox"/> Sampling will need to begin at approximately _____ (time) on _____ (date).
Material Storage Areas	Actions Required Before Predicted Rain Event
Waste Management Areas	<input type="checkbox"/> Material covered or in sheds (ex. treated woods and metals) <input type="checkbox"/> Stockpiles covered and perimeter control installed <input type="checkbox"/> Other _____ <input type="checkbox"/> Other _____ <input type="checkbox"/> Other _____ <input type="checkbox"/> Dumpsters closed <input type="checkbox"/> Drain holes plugged <input type="checkbox"/> Recycling bins covered <input type="checkbox"/> Sanitary stations bermed and protected from tipping <input type="checkbox"/> Other _____ <input type="checkbox"/> Other _____ <input type="checkbox"/> Other _____
Concrete Rinse Out Areas	<input type="checkbox"/> Wash-out bins covered <input type="checkbox"/> Adequate capacity for rain <input type="checkbox"/> Other _____ <input type="checkbox"/> Other _____
Operations	<input type="checkbox"/> Operations to shut down for rain event: <input type="checkbox"/> Grading <input type="checkbox"/> Concrete pours <input type="checkbox"/> Hot mix asphalt paving <input type="checkbox"/> Other _____ <input type="checkbox"/> Other _____ <input type="checkbox"/> Soil amendments not to be applied within the 24 hours before a rain event: <input type="checkbox"/> Other _____ <input type="checkbox"/> Other _____



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Predicted Rain-Event-Triggered Actions (continued)

Activity	Actions Required Before Predicted Rain Event	
Secure Site for Storm Event	<input type="checkbox"/> Materials and equipment properly stored and covered. <input type="checkbox"/> Waste and debris disposed in covered dumpsters or removed from site. <input type="checkbox"/> Trenches and excavations protected. <input type="checkbox"/> Perimeter controls around disturbed areas. <input type="checkbox"/> Other _____ <input type="checkbox"/> Other _____	
Secure Erosion and Sediment Control BMPs	<input type="checkbox"/> Site perimeter controls are in place. <input type="checkbox"/> Catch basin and drop inlet protection are in place. <input type="checkbox"/> Sediment basins and traps have adequate capacity. <input type="checkbox"/> Deploy temporary perimeter control on inactive areas. <input type="checkbox"/> Deploy temporary perimeter control around active disturbed soil areas and active stockpiles. <input type="checkbox"/> Sweep access roads. <input type="checkbox"/> Other _____ <input type="checkbox"/> Other _____ <input type="checkbox"/> Other _____	
Spills and Drips	<input type="checkbox"/> Clean up all spills and drips, including paint, fuel, and oil. <input type="checkbox"/> Empty drip pans. <input type="checkbox"/> Other _____ <input type="checkbox"/> Other _____	
Pre-storm Inspection Identified Corrective Action	<input type="checkbox"/> _____ <input type="checkbox"/> _____	Corrective Action Number (From form CE 2022) _____ _____ _____ _____ _____ _____ _____ _____

Certification of Rain Event Action Plan

I certify under penalty of law that this Rain Event Action Plan (REAP) will be implemented in accordance with the General Construction Permit by me or under my direction or supervision. The information contained in this REAP was gathered and evaluated by qualifying personnel before submittal. Based on my review of the information and inquiry of those who gathered and evaluated the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete.

I am aware that Section 309 (c)(4) of the CWA provides for significant penalties, including fines and imprisonment for knowingly submitting false material statement, representation or certification.

Water Pollution Control Manager (Name)	Date
Water Pollution Control Manager (Signature)	
Accepted by Resident Engineer (Name)	Date
Resident Engineer (Signature)	