



California Regional Water Quality Control Board, San Diego Region

January 26, 2016

NOTICE OF VIOLATION No. R9-2016-0036

Gary Levitt Urban Villages San Marcos 3525 Del Mar Heights Road #246 San Diego, California 92130

URBAN VILLAGES SAN MARCOS

University District Student Housing **Construction Project** PIN No. SM-741872

Violations of

Order No. 2009-0009-DWQ. **Construction General Permit**

URBAN VILLAGES SAN MARCOS is hereby notified that the California Regional Water Quality Control Board, San Diego Region (San Diego Water Board) reserves the right to take any enforcement action authorized by law for the violations described herein.

URBAN VILLAGES SAN MARCOS is in violation of State Water Resources Control Board (State Water Board) Order No. 2009-0009-DWQ, NPDES No. CAS000002, National Pollutant Discharge Elimination System (NPDES) General Permit for Storm Water Discharges Associated with Construction and Land Disturbance Activities (Permit).

A. Summary of Violations

Construction General Permit Violations

- 1. Failure to Comply with Discharge Prohibitions for Construction Activities:
 - a. Pursuant to Provision III.B of State Water Board Order No. 2009-0009-DWQ: All discharges are prohibited except for the storm water and non-storm water discharges specifically authorized by this Permit or another NPDES permit.



- b. Observation: On January 7, 2016, the San Diego Water Board inspected the University District Student Housing construction site (WDID 937C355892). Urban Villages San Marcos is the Legally Responsible Person (LRP) enrolled under the Permit for the site. The San Diego Water Board inspectors observed sediment-laden storm water discharged from the site without implementation of adequate best management practices (BMPs). See attached January 7, 2016 Facility Inspection Report Photo 10.
- 2. Failure to Comply with Effluent Limitations for Construction Activities:
 - a. Pursuant to Provision V.A.2 of State Water Board Order No. 2009-0009-DWQ: Dischargers shall minimize or prevent pollutants in storm water discharges and authorized non-storm water discharges through the use of controls, structures, and management practices that achieve Best Available Technology Economically Achievable (BAT) for toxic and non-conventional pollutants and Best Conventional Pollutant Control Technology (BCT) for conventional pollutants.
 - b. Pursuant to Provision X and Section A.1.b of Attachment D of State Water Board Order No. 2009-0009-DWQ: Dischargers shall minimize or prevent pollutants in storm water and authorized non-storm water discharges through the use of controls, structures, and management practices that achieve BAT for toxic and non-conventional pollutants and BCT for conventional pollutants.
 - c. Observation: During the January 7, 2016 inspection, the San Diego Water Board inspectors observed inadequate erosion controls and run-on and runoff controls required by the Permit, which directly lead to erosion and sedimentation that ultimately resulted in the discharge of sediment and sediment-laden storm water runoff from the site. The discharge was a result of the implementation of controls, structures, and BMPs that did not achieve BCT. See attached January 7, 2016 Facility Inspection Report Findings 1 through 8 and Photos 7 through 10.
- 3. Failure to Implement Good Site Management "Housekeeping" BMPs for Construction Materials and Waste Management:
 - a. Pursuant to Provision X and Section B.1.a of Attachment D of State Water Board Order No. 2009-0009-DWQ: Risk Level 2 dischargers are required to cover and berm loose stockpiled construction materials that are not actively being used (i.e. soil, spoils, aggregate, fly-ash, stucco, hydrated lime, etc.).
 - b. Pursuant to Provision X and Section B.2.f of Attachment D of State Water Board Order No. 2009-0009-DWQ: Risk Level 2 dischargers are required to contain and securely protect stockpiled waste material from wind and rain at all times unless actively being used.



- c. Observation: During the January 7, 2016 inspection, the San Diego Water Board inspectors observed stockpiles without adequate berm or containment. See attached January 7, 2016 Facility Inspection Report Finding 5 and Photo 5.
- 4. Failure to Implement Good Site Management "Housekeeping" BMPs for Vehicle **Storage and Maintenance:**
 - Pursuant to Provision X and Section B.3.a of Attachment D of State Water Board Order No. 2009-0009-DWQ: Risk Level 2 dischargers are required to prevent oil, grease, or fuel to leak in to the ground, storm drains or surface waters.
 - b. Pursuant to Provision X and Section B.3.b of Attachment D of State Water Board Order No. 2009-0009-DWQ: Risk Level 2 dischargers are required to place all equipment or vehicles, which are to be fueled, maintained and stored in a designated area fitted with appropriate BMPs.
 - c. Observation: During the January 7, 2016 inspection, the San Diego Water Board inspectors observed several construction vehicles and equipment without appropriate BMPs to prevent oil, grease, or fuel to leak in to the ground, storm drains or surface waters. See attached January 7, 2016 Facility Inspection Report Finding 6 and Photos 11 and 12.
- 5. Failure to Implement Adequate Erosion Controls for Inactive Areas:
 - a. Pursuant to Provision X and Section D.2 of Attachment D of State Water Board Order No. 2009-0009-DWQ: Risk Level 2 dischargers shall provide effective soil cover for inactive areas and all finished slopes, open space, utility backfill, and completed lots.
 - b. Observation: During the January 7, 2016 inspection, the San Diego Water Board inspectors observed several areas on the site that appeared inactive, or could have been scheduled to be inactive, without effective soil cover or other BMPs to prevent erosion. Evidence of erosion and sediment transport due to inadequate or ineffective erosion control measures for inactive areas was observed throughout the site during the inspection. See attached January 7, 2016 Facility Inspection Report Finding 1 and Photos 1 through 4 and 7.
- 6. Failure to Implement Adequate Erosion Controls for Active Areas:
 - a. Pursuant to Provision X and Section E.3 of Attachment D of State Water Board Order No. 2009-0009-DWQ: Risk Level 2 dischargers shall implement appropriate erosion control BMPs (runoff control and soil stabilization) in conjunction with sediment control BMPs for areas under active construction.
 - b. Observation: During the January 7, 2016 inspection, the San Diego Water Board inspectors observed several areas on the site that may have been considered active

without evidence of runoff control of soil stabilization BMPs implemented to prevent erosion prior to or during a storm event that began January 4, 2016 and was expected to continue to January 8, 2016. Evidence of erosion and sediment transport due to inadequate or ineffective erosion control measures for active areas was observed throughout the site during the inspection. Documentation for the site indicates that no erosion control BMPs were planned or prepared for implementation on active areas. See attached January 7, 2016 Facility Inspection Report Findings 2 and 7, Photos 3through 7, and Attachment 4.

7. Failure to Implement Adequate Linear Sediment Controls for Exposed Slopes:

- a. Pursuant to Provision X and Section E.4 of Attachment D of State Water Board Order No. 2009-0009-DWQ: Risk Level 2 dischargers shall apply linear sediment controls along the toe of the slope, face of the slope, and at the grade breaks of exposed slopes to comply with sheet flow lengths in accordance with Table 1 (i.e. every 20 feet for 0-25% slopes, every 15 feet for 25-50% slopes, and every 10 feet for slopes over 50%).
- b. Observation: During the January 7, 2016 inspection, the San Diego Water Board inspectors observed slopes throughout the site without linear sediment controls along the toe, face and/or grade breaks of exposed slopes. See attached January 7, 2016 Facility Inspection Report Finding 3 and Photos 1, 2, and 6.

8. Failure to Implement Adequate Run-on and Runoff Controls:

- a. Pursuant to Provision X and Section F of Attachment D of State Water Board Order No. 2009-0009-DWQ: Risk Level 2 dischargers shall manage all run-on, all runoff within the site and all runoff that discharges from the site. Run-on from off site shall be directed away from all disturbed areas or shall collectively be in compliance with the effluent limitations of the Permit.
- **b. Observation:** During the January 7, 2016 inspection, the San Diego Water Board inspectors observed a lack of effective controls for runoff within the site, and a lack of effective controls for runoff from the site. See attached January 7, 2016 Facility Inspection Report Finding 4 and Photos 3 through 10.
- 9. Failure to Identify and Record BMPs That Need Maintenance to Operate Effectively, or That Have Failed, or Could Fail to Operate as Intended:
 - a. Pursuant to Provision X and Section G.2 of Attachment D of State Water Board Order No. 2009-0009-DWQ: Risk Level 2 dischargers shall perform weekly inspections and observations, and at least once each 24-hour period during extended storm events, to identify and record BMPs that need maintenance to operate effectively, that have failed, or that could fail to operate as intended.

b. Observation: During the January 7, 2016 inspection, the San Diego Water Board inspectors observed several BMPs throughout the site that were not implemented, required maintenance to operate effectively, that failed, or could fail to operate as intended. Documentation for the site indicates that the Qualified SWPPP Practitioner (QSP) conducting weekly inspections of BMPs failed to identify BMPs that were not implemented, required maintenance, failed, or failed to operate as intended. See attached January 7, 2016 Facility Inspection Report Finding 7 and Attachment 4.

B. Summary of Potential Enforcement Options

These violations may subject you to additional enforcement by the San Diego Water Board or State Water Resources Control Board, including a potential civil liability assessment of \$10,000 per day of violation (Water Code section 13385) and/or any of the following enforcement actions:

Other Potential Enforcement Options	Applicable Water Code Section
Technical or Investigative Order	Sections 13267 or 13383
Cleanup and Abatement Order	Section 13304
Cease and Desist Order	Sections 13301-13303
Time Schedule Order	Sections 13300, 13308

In addition, the San Diego Water Board may consider revising or rescinding applicable waste discharge requirements, if any, referring the matter to other resource agencies, referring the matter to the State Attorney General for injunctive relief, and referral to the municipal or District Attorney for criminal prosecution.

In the subject line of any response, please include the information located in the heading of this letter: "in reply refer to." Questions pertaining to this Notice of Violation should be directed to Wayne Chiu at (619) 521-3354 or wchiu@waterboards.ca.gov.

Laurie Walsh, P.E.

Senior Water Resource Control Engineer

Storm Water Management

LAW:wc

Attachments: Facility Inspection Report dated January 7, 2016

	Tech S	Staff Info & Use	
ſ	WDID	937C355892	
1	Place ID	SM-741872	
	Inspection ID	2028091	
١	Violation ID	859538, 859539	
1	Enforcement ID	422354	



CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD - SAN DIEGO REGION WATERSHED PROTECTION PROGRAM

FACILITY INSPECTION REPORT

FACILITY: University District Student Housing	INSPECTION DATE/TIME: 1/07/2016; 1:30 pm						
WDID/FILE NO.: 937C355892							
REPRESENTATIVE(S) PRESENT DURING INSPECTION:							
NAME: Wayne Chiu	AFFILIATION: San Diego Water Board						
NAME: Sandy Khounphet	AFFILIATION: San Diego Water Board						
NAME: Mike Asbell	AFFILIATION: Asbell Development						
NAME: Kelly Grant	AFFILIATION: Summit Erosion Control						
Urban Villages San Marcos NAME OF OWNER, AGENCY OR PARTY RESPONSIBLE FOR DISCHARGE	Same as Owner FACILITY OR DEVELOPER NAME (if different from owner)						
3525 Del Mar Heights Rd. #246	166-256 E Barham Rd						
San Diego, CA 92130 OWNER MAILING ADDRESS	San Marcos, CA 92078 FACILITY ADDRESS						
Gary Levitt, 858-361-8555	Same as Owner Contact						
OWNER CONTACT NAME AND PHONE #	FACILITY OR DEVELOPER CONTACT NAME AND PHONE #						
APPLICABLE WATER QUALITY LICENSING REQU	IIREMENTS:						
☐ CONSTRUCTION GENERAL PERMIT ☐ GENERAL	OR INDIVIDUAL WASTE DISCHARGE REQUIREMENTS OR NPDES OR INDIVIDUAL WAIVER OF WASTE DISCHARGE REQUIREMENTS IO1 WATER QUALITY CERTIFICATION ION 13264						
INSPECTION TYPE (Check One):							
☐ "A" TYPE COMPLIANCECOMPREHENSIVE INSPECTION II	N WHICH SAMPLES ARE TAKEN. (EPA TYPE S)						
☐ "B" TYPE COMPLIANCEA ROUTINE NONSAMPLING INSPI	ECTION. (EPA TYPE C)						
☐ NONCOMPLIANCE FOLLOW-UPINSPECTION MADE TO V	ERIFY CORRECTION OF A PREVIOUSLY IDENTIFIED VIOLATION.						
☐ ENFORCEMENT FOLLOW-UPINSPECTION MADE TO VER MET.	RIFY THAT CONDITIONS OF AN ENFORCEMENT ACTION ARE BEING						
☐ COMPLAINTINSPECTION MADE IN RESPONSE TO A COM	MPLAINT.						
☐ PRE-REQUIREMENTINSPECTION MADE TO GATHER INF REQUIREMENTS.	O. RELATIVE TO PREPARING, MODIFYING, OR RESCINDING						
☐ NO EXPOSURE CERTIFICATION (NEC) - VERIFICATION THE STORM WATER.	IAT THERE IS NO EXPOSURE OF INDUSTRIAL ACTIVITIES TO						
□ NOTICE OF TERMINATION REQUEST FOR INDUSTRIAL FA FACILITY OR CONSTRUCTION SITE IS NOT SUBJECT T	ACILITIES OR CONSTRUCTION SITES - VERIFICATION THAT THE TO PERMIT REQUIREMENTS.						
☐ COMPLIANCE ASSISTANCE INSPECTION - OUTREACH INS ASSISTANCE.	SPECTION DUE TO DISCHARGER'S REQUEST FOR COMPLIANCE						
INSPECTION FINDINGS:							
V WEDE VIOLATIONS NOTED DUDING THIS INSPECTIO	ON2 (VES/NO/DENDING SAMDLE DESLILTS)						

Facility: University District Student Housing

Inspection Date: 1/7/2016

I. COMPLIANCE HISTORY / PURPOSE OF INSPECTION

On October 6, 2015, the San Diego Water Board received a complaint from a member of the public about "mud all over the road" originating from a construction site adjacent to Carmel Street in the City of San Marcos. The San Diego Water Board requested the City of San Marcos to investigate the complaint. Photos of the site dated October, 6, 2015 showed the entrance to a construction site that had inadequate perimeter controls, tracking controls, and erosion controls for what appeared to be inactive areas (see photo in Attachment 1). A review of the Storm Water Multiple Application & Report Tracking System (SMARTS) identified the University District Student Housing construction site (WDID 9 37C355892) as the project matching the location described in the complaint, which is subject to the requirements of Order No. 2009-0009-DWQ, the Statewide Construction General Storm Water Permit (CGP). SMARTS indicates that the University District Student Housing construction site has been identified as Risk Level 2, disturbing 17.4 acres; and, the owner and Legally Responsible Person (LRP) of the project is Urban Villages San Marcos.

On October 20, 2015, Wayne Chiu of the San Diego Water Board issued a staff enforcement letter (via email) to Mr. Gary Levitt, the LRP contact listed in SMARTS, about the BMP implementation deficiencies (see Attachment 1), with a request for additional information. On behalf of the LRP, Mr. Christian Ryan, Senior Project Manager with Watkins Landmark Construction, provided the requested information on October 12, 2015 with photos that showed the implementation of perimeter controls and tracking controls and evidence that the areas that appeared to be inactive had recently been disturbed (see Attachment 2). The response did not indicate whether erosion control BMPs were planned to be implemented for the areas shown in the photos.

On, January 7, 2016, following multiple days of precipitation (January 4 through 6, 2016), that was predicted to continue (January 7 and 8), Wayne Chiu and Sandy Khounphet of the San Diego Water Board conducted an unscheduled inspection of the University District Student Housing construction site for compliance with Risk Level 2 requirements in Attachment D to the CGP. There was rain during the inspection. San Diego Water Board inspectors met with Mr. Mike Asbell of Absell Development and Kelly Grant of Summit Erosion Control. Mr. Asbell indicated his firm was responsible for overseeing the implementation of the Storm Water Pollution Prevention Plan (SWPPP) for the site. Mr. Grant is the Qualified SWPPP Practitioner (QSP) conducting weekly BMP inspections for the site. The San Diego Water Board inspectors informed the site representatives of the deficiencies observed on the site, which are summarized below.

II. FINDINGS

1. Risk Level 2 construction sites are required to provide effective soil cover for inactive areas (areas of construction activity that have not been disturbed and are not scheduled to be re-disturbed for at least 14 days) and all finished slopes, open space, utility backfill, and completed lots. San Diego Water Board inspectors observed several areas that appeared to be inactive or could be scheduled to be inactive per the EC-1 Scheduling erosion control BMP included

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in the SWPPP (see Attachment 3). San Diego Water Board inspectors observed several slopes that appeared to be inactive, or could be scheduled to be inactive, with evidence of erosion and sediment transport (see Photos 1 through 4). Mr. Asbell confirmed that several slopes with evidence of rilling and erosion had not been worked on for several weeks.

- 2. Risk Level 2 construction sites are required to implement appropriate erosion control BMPs (runoff control and soil stabilization) in conjunction with sediment control BMPs for areas under active construction. San Diego Water Board inspectors did not observe any evidence of appropriate erosion control BMPs that would stabilize disturbed and exposed soil areas that were potentially active (i.e. areas that had clear evidence of recent soil disturbance activities, or areas that appeared to be inactive that the site might claim to be active) to prevent erosion during the predicted storm event that had resulted in significant precipitation on the previous three days (i.e. January 4-6) and expected to continue for the next two days (January 7 and 8) (see Photos 3 and 4).
- 3. Risk Level 2 construction sites are required to apply linear sediment controls along the toe of the slope, face of the slope, and at the grade breaks of exposed slopes to comply with sheet flow lengths given in Table 1 of Attachment D to the CGP (i.e. every 20 feet for 0-25% slopes, every 15 feet for 25-50% slopes, and every 10 feet for slopes over 50%). San Diego Water Board inspectors did not observe any slopes within the site with linear sediment controls on the face of the slopes, or appropriate linear controls at the grade breaks of exposed slopes (see Photos 1 and 2).
- 4. Risk Level 2 construction sites are required to effectively manage all run-on, all runoff within the site and all runoff that discharges from the site. Risk Level 2 construction sites must direct run-on from off site away from all disturbed areas or the run-on that is discharged from the site must collectively be in compliance with the effluent limitations of the CGP (see Finding 8). San Diego Water Board inspectors observed inadequate implementation of controls to effectively manage all runoff within the site (Photos 1 through 7), and all runoff that discharges from the site (Photos 8 through 10).
- 5. Risk Level 2 construction sites are required to cover and berm loose stockpiled construction materials unless actively being used. San Diego Water Board inspectors observed at least one stockpile of loose construction material with inadequate cover and berm (see Photo 5).
- 6. Risk Level 2 construction sites are required to prevent oil, grease, or fuel to leak in to the ground, storm drains, or surface waters. San Diego Water Board inspectors observes several construction vehicles without BMPs (i.e. drip pans) to prevent oil, grease, or fuel to leak in to the ground (see Photos 11 and 12).

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7. Risk Level 2 construction sites are required to perform weekly inspections and observations, and at least once each 24-hour period during extended storm events, to identify and record BMPs that need maintenance to operate effectively, that have failed, or that could fail to operate as intended. BMP inspection reports from December 18 and 28, 2015 and January 4, 6, 7, 8, and 14, and Rain Event Action Plans (REAPs) from December 21 and 28, 2015 and January 4, 2016 were provided by the LRP (see Attachment 4). The December 18, 2015 BMP inspection report indicated that stockpiles and slopes in borrow lot needed to be sprayed and the December 21, 2015 REAP indicated that the rills on the slopes on the borrow lot needed to be repaired and stabilized. Subsequent BMP inspection reports and REAPs repeated the deficiencies. However, the QSP did not identify and record BMPs that need maintenance to operate effectively, that have failed, or that could fail to operate as intended as required for a Risk Level 2 site (i.e. linear sediment controls on slopes, effective soil cover for inactive areas, runoff controls and soil stabilization for active areas) until after the San Diego Water Board inspection on January 7, 2016.

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8. Risk Level 2 construction sites are required to comply with a narrative effluent standard, which requires the discharger to minimize or prevent pollutants in storm water discharges and authorized non-storm water discharges through the use of controls, structures, and management practices that achieve Best Available Technology Economically Achievable (BAT) for toxic and non-conventional pollutants and Best Conventional Pollutant Control Technology (BCT) for conventional pollutants. Based on Findings 1 through 7, San Diego Water Board inspectors observed that the discharger failed to minimize or prevent pollutants in storm water discharges through the use of controls, structures, and management practices that achieve BCT for conventional pollutants (i.e. sediment and turbidity).

III. COMMENTS AND RECOMMENDATIONS

Comments

- 1. There is evidence that sediment in storm water discharges from the site were not minimized or prevented through the implementation of controls, structures, and management practices that achieve BCT (see Findings 4 and 8), in violation of Section A.1.b of Attachment D to the CGP.
- 2. There is evidence that good site management "housekeeping" BMPs for stockpiles were not being adequately implemented (See Finding 5), in violation of Sections B.1.b and/or B.2.f of Attachment D to the CGP.
- 3. There is evidence that good site management "housekeeping" BMPs for vehicle storage and maintenance were not being adequately implemented (See Finding 6), in violation of Sections B.3.a and B.3.b of Attachment D to the CGP.

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- 4. There is evidence that effective soil cover was not adequately implemented for several slopes and areas throughout the site that appeared to be inactive or could be scheduled to be inactive (See Finding 1 and 7), in violation of Section D.2 of Attachment D to the CGP.
- 5. There is evidence that appropriate erosion control BMPs (runoff controls and soil stabilization) were not implemented in conjunction with sediment control BMPs for areas under active construction in preparation for the predicted storm event that began January 4, 2016 (see Finding 2), in violation of Section E.3 of Attachment D to the CGP. The QSP failed to recommend implementation of erosion control BMPs in BMP inspection reports between December 18, 2015 and January 6, 2016 (see Finding 7).
- 6. There is evidence that linear sediment controls were not adequately implemented for slopes throughout the site in preparation for the predicted storm event that began on January 4, 2016 (See Finding 3), in violation of Section E.4 of Attachment D to the CGP.
- There is evidence that all run-on, all runoff within the site, and all runoff that discharges from the site were not effectively managed (see Finding 4), in violation of Section F of Attachment D to the CGP.
- There is evidence that the QSP failed to identify and record erosion control, linear sediment control, and run-on and runoff control BMPs that need maintenance to operate effectively, that have failed, or that could fail to operate as intended (see Finding 7), in violation of Section G.2 of Attachment D to the CGP.

Recommendations

- Issue a Notice of Violation for unauthorized storm water discharges from the site and failure to implement Risk Level 2 requirements of the CGP.
- 2. Refer the site to the Compliance Assurance Unit to determine whether or not issuing formal enforcement action may be appropriate.

Wayne Chiu
STAFF INSPECTOR
Laurie Walsh
REVIEWED BY SUPERVISOR

1/7/2016
INSPECTION DATE

1/-24-14DATE

SMARTS:

	Tech Stat	ff Info & Use	
	WDID	937C355892	_
	Place ID	SM-741872	
	Inspection ID	2028091	
	Violation ID	859538, 859539	
-			_

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Photo 1 Photo 2





Photo 3 Photo 4

Photos 1 through 4 show examples of areas throughout the site that lacked effective soil cover for areas that are inactive or appear to be inactive. Photos 1 and 2 show slopes with evidence of significant rilling and sediment transport, which is a clear indication that erosion control BMPs that provide effective soil cover were not implemented or not effective. Photos 3 and 4 are areas that the site representatives claimed were active due to vehicle traffic, but could have been scheduled to be inactive with access reduced to prevent disturbance, especially prior to a series of storm events that had been predicted for at least a week in advance. If the areas in Photos 3 and 4 are active, adequate runoff controls and soil stabilization has not been implemented in preparation for the predicted storm events.

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Photo 5 Photo 6



Photo 7

Photos 5 through 7 show examples of areas where there was inadequate implementation of controls to manage runoff within the site. Photos 5 and 6 show areas where runoff through the site has resulted in significant amounts of sediment being transport through the site from areas without erosion control BMPs. Photo 7 shows sediment-laden runoff from the areas shown in Photos 3 and 4 as a result of inadequate erosion controls and runoff controls.

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Photo 8 Photo 9



Photo 10

Photos 8 through 10 show where there was inadequate implementation of controls to manage runoff discharge from the site. Photo 8 shows a storm drain inlet at the beginning of the inspection and significant amounts of sediment around the inlet. Photo 9 shows that the filter fabric placed inside the inlet has a large hole exposing the drain pipe. Photo 10 shows the same storm drain inlet at the end of the inspection after raining for about 20 minutes. Runoff shown in Photo 7 drains to this storm drain inlet.

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Photo 11 Photo 12

Photos 11 and 12 show multiple vehicles observed without adequate implementation of good housekeeping measures required for Risk Level 2 construction sites. Photos 11 and 12 show construction vehicles that were not being used the day of the inspection without drip pans or other measures that would prevent oil, grease, or fuel to leak into the ground.

Attachment 1

to
January 7, 2016
Facility Inspection Report
for
University District Student Housing Construction Site

Chiu, Wayne@Waterboards

From: Chiu, Wayne@Waterboards

Sent: Friday, October 09, 2015 11:58 AM

To: 'Gary Levitt'

Cc: 'Michael McDonald'; Reed Thornberry (rthornberry@san-marcos.net); Walsh,

Laurie@Waterboards; Clemente, Chiara@Waterboards

Subject: WDID 937C355892 (Urban Villages San Marcos): Unauthorized Sediment Discharge

and Inadequate BMPs (SM-741872)

Attachments: 20151006_160225.jpg

Mr. Levitt:

The California Regional Water Control Board, San Diego Region (San Diego Water Board) received a complaint from the public about "mud all over the road" discharged from the Urban Village San Marcos construction site to Carmel Street in the City of San Marcos (City). According to the Storm Water Multiple Application and Report Tracking System (SMARTS) database, you are the Legally Responsible Person for the Urban Village San Marcos construction site.

We contacted the City's storm water manager and had his staff inspect the site. The City sent us a couple of photos of the entrances to the site. Just looking at one photo (see attached) there is evidence of the sediment discharged from the site caused by offsite tracking. The photo also showed evidence that there was a lack of several best management practices (BMPs) that are required to be implemented in accordance with the requirements of the Statewide Construction General Storm Water Permit, Order No. 2009-0009-DWQ (CGP). From the photos I was able to identify at least three violations (inadequate perimeter sediment control BMPs, inadequate tracking control BMPs, inadequate erosion control BMPs for inactive areas) for a Risk Level 1 construction site. However, this site is identified in SMARTS as a Risk Level 2 construction site. The photo also shows no evidence of erosion control BMPs for active areas and a failure to limit traffic to entrances and exits that prevent offsite tracking of sediment, which are requirements for Risk Level 2 construction sites. Thus, from this one photo I can identify 5 violations of the CGP, in addition to the unauthorized discharge from sediment from the site which is a 6th violation.

Each of these violations is subject to up to \$10,000 per day per violation.

Please send me the following information and documentation, or a date by which you can provide the information, by COB Monday, October 12, 2015:

- 1. Copies of the weekly inspection reports from the beginning of July to the most recent available.
- 2. Copies of the Rain Event Action Plans from the beginning of July to the most recent available.
- 3. Copies of the pre-, during, and post-rain event inspection reports from the beginning of July to the most recent available.
- 4. Copies of the water quality monitoring records and reports from the beginning of July to the most recent available.
- 5. A description of the BMPs, shown on a map and a narrative description of those that cannot be shown on the map, that are currently being implemented on the site.
- 6. A description of the BMPs that will be implemented on the site to address the deficiencies already identified in this email and the comply with the BM requirements for a Risk Level 2 construction site.

Depending on your response, an inspection and/or additional enforcement action may be necessary. Thank you,

Wayne Chiu, PE

Water Resource Control Engineer



Attachment 2

to
January 7, 2016
Facility Inspection Report
for
University District Student Housing Construction Site

Chiu, Wayne@Waterboards

From: Christian Ryan <christian@watkinslandmark.com>

Sent: Monday, October 12, 2015 11:35 AM

To: Chiu, Wayne@Waterboards

Cc: Gary Levitt; rthornberry@san-marcos.net; pmichael@mcdonaldgroup.net; Walsh,

Laurie@Waterboards; Clemente, Chiara@Waterboards; Tony Frost; Dean Schumacher;

Mike Asbell: Paul Metcalf: mlittle@san-marcos.net

Subject: WDID 937C355892 (Urban Villages San Marcos): Unauthorized Sediment Discharge

and Inadequate BMPs (SM-741872)

Attachments: North City Unit 1 Recent Implemented BMPs_10.10.2015.pdf

Mr. Chiu,

Below is the Dropbox link where you will find the documentation requested in your e-mail on 10/9/15. You should have also received an invitation to view the Dropbox on Friday. Please respond if you need multiple e-mails to view the documents.

https://www.dropbox.com/sh/c0ly6iebgirzyth/AACMaYVHdIGeba5WWC36EH-Ma?dl=0

The information has been organized into folders to address the bullet points in your e-mail. Attached is a picture narrative of the before and after BMP implementations to correct the deficiencies noted in your e-mail. The City was on site this morning and has reviewed the recent implemented BMPs shown in the pictures. Please respond if you need any additional documentation or clarification of the reports.

Thank you,

--

Christian Ryan

Senior Project Manager Cell: 858.442.9709



San Diego

6160 Innovation Way Carlsbad, CA 92009 p 858.259.1240 ext 115 f 858.259.1264

Inland Empire

45-250 Club Drive Indian Wells, CA 92210 p 760.404.0915 f 760.404.0914

www.watkinslandmark.com

Carmel St – on 10/6/2015



Missing BMPs on Carmel St and improperly maintained construction entrance

Recent Implemented BMPs on 10/10/2015





- Fiber roll along Carmel St
- Moved track out plates to roadway edge
- Replaced construction entrance rock and filter fabric
- Lined construction entrance with fiber roll



- Fiber roll along Carmel St
- Gravel bag check dams intalled in drainage swale



Repaired/replaced gravel bag inlet protection – west end of Carmel St



• Gravel bag check dams on Carmel St



• Relocated track out plates and replaced rock at construction entrance

Attachment 3

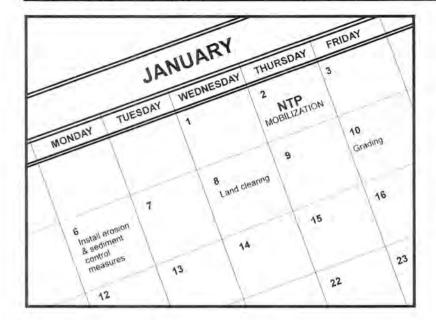
to
January 7, 2016
Facility Inspection Report
for
University District Student Housing Construction Site

✓ ×

X

X

V



Description and Purpose

Scheduling is the development of a written plan that includes sequencing of construction activities and the implementation of BMPs such as erosion control and sediment control while taking local climate (rainfall, wind, etc.) into consideration. The purpose is to reduce the amount and duration of soil exposed to erosion by wind, rain, runoff, and vehicle tracking, and to perform the construction activities and control practices in accordance with the planned schedule.

Suitable Applications

Proper sequencing of construction activities to reduce erosion potential should be incorporated into the schedule of every construction project especially during rainy season. Use of other, more costly yet less effective, erosion and sediment control BMPs may often be reduced through proper construction sequencing.

Limitations

 Environmental constraints such as nesting season prohibitions reduce the full capabilities of this BMP.

Implementation

- Avoid rainy periods. Schedule major grading operations during dry months when practical. Allow enough time before rainfall begins to stabilize the soil with vegetation or physical means or to install sediment trapping devices.
- Plan the project and develop a schedule showing each phase

Categories

EC	Er	osio	n Cont	Control				
	2	100		Sec. 10				

SE Sediment Control

TC Tracking Control
WE Wind Erosion Control

Non-Stormwater

NS Non-Stormwater Management Control

WM Waste Management and Materials Pollution Control

Legend:

- ☑ Primary Objective
- Secondary Objective

Targeted Constituents

Sediment

Nutrients

Trash

Metals

Bacteria

Oil and Grease

Organics

Potential Alternatives

None



of construction. Clearly show how the rainy season relates to soil disturbing and restabilization activities. Incorporate the construction schedule into the SWPPP.

- Include on the schedule, details on the rainy season implementation and deployment of:
 - Erosion control BMPs
 - Sediment control BMPs
 - Tracking control BMPs
 - Wind erosion control BMPs
 - Non-stormwater BMPs
 - Waste management and materials pollution control BMPs
- Include dates for activities that may require non-stormwater discharges such as dewatering, sawcutting, grinding, drilling, boring, crushing, blasting, painting, hydro-demolition, mortar mixing, pavement cleaning, etc.
- Work out the sequencing and timetable for the start and completion of each item such as site clearing and grubbing, grading, excavation, paving, foundation pouring utilities installation, etc., to minimize the active construction area during the rainy season.
 - Sequence trenching activities so that most open portions are closed before new trenching begins.
 - Incorporate staged seeding and re-vegetation of graded slopes as work progresses.
 - Schedule establishment of permanent vegetation during appropriate planting time for specified vegetation.
- Non-active areas should be stabilized as soon as practical after the cessation of soil disturbing activities or one day prior to the onset of precipitation.
- Monitor the weather forecast for rainfall.
- When rainfall is predicted, adjust the construction schedule to allow the implementation of soil stabilization and sediment treatment controls on all disturbed areas prior to the onset of rain.
- Be prepared year round to deploy erosion control and sediment control BMPs. Erosion may be caused during dry seasons by un-seasonal rainfall, wind, and vehicle tracking. Keep the site stabilized year round, and retain and maintain rainy season sediment trapping devices in operational condition.
- Apply permanent erosion control to areas deemed substantially complete during the project's defined seeding window.

Costs

Construction scheduling to reduce erosion may increase other construction costs due to reduced economies of scale in performing site grading. The cost effectiveness of scheduling techniques should be compared with the other less effective erosion and sedimentation controls to achieve a cost effective balance.

Scheduling EC-1

Inspection and Maintenance

- Verify that work is progressing in accordance with the schedule. If progress deviates, take corrective actions.
- Amend the schedule when changes are warranted.
- Amend the schedule prior to the rainy season to show updated information on the deployment and implementation of construction site BMPs.

References

Stormwater Quality Handbooks Construction Site Best Management Practices (BMPs) Manual, State of California Department of Transportation (Caltrans), November 2000.

Stormwater Management for Construction Activities Developing Pollution Prevention Plans and Best Management Practices (EPA 832-R-92-005), U.S. Environmental Protection Agency, Office of Water, September 1992.

Attachment 4

to
January 7, 2016
Facility Inspection Report
for
University District Student Housing Construction Site

Stormwater Construction Site Inspection Report

		General Info	rmation					
Project Name	North City Unit 1							
WDID#	9 37C35589	2	Location	Barham Street, San Marcos, CA				
Date of Inspection	12/18/2015		Start Time	9:25 AM				
Inspector's Name(s)	Kelly Grant							
Y	Ingrestor S	ummit Evosios	Control					
Inspector's Title(s)		Inspector, Summit Erosion Control 858-679-2100, info@summiterosion.com						
Inspector's Contact Information								
Inspector's Qualifications	QSP, Erosion Control Subcontractor							
Describe present phase of construction	Vertical Construction							
Type of Inspection: ⊠Regular ⊠ Pre-storm eve	nt Dur	ing storm ever	·····	orm event				
Has there been a storm event sin	ice the last insp		<u> Areas (n. 1916), in the same and a second contract of the same and a sec</u>					
If yes, provide:	iee ine iast msp	conon: KAI	- III					
Storm Start Date & Time: 12/11/2	015 @ 06:00	Storm D	uration (hrs): 72 h	ours Approximate Amount of				
Precipitation (in): .25"								
Weather at time of this inspection	m?							
🛮 Clear 🔲 Cloudy 📋 Rair		☐ Fog ☐		ligh Winds				
Other: Partly Cloudy		Τ	emperature: 55°	F				
Have any discharge accounted of	inna tha laat ina		vas Minis					
Have any discharges occurred si If yes, describe:	ince the fast ins	pecuon:	Yes 🛛 No					
Are there any discharges at the	time of inspecti	on? [[Yes	⊠ No					
If yes, describe:								
<u></u>								
Site-specific BMPs		pr		· · · · · · · · · · · · · · · · · · ·				
[17] Andread Michigan Chemical Street and Computer Street Conference of Computer Street	BMP	BMP	[요 1964] 보면 하시 그런 어디는 보고 [1967]	Action Needed and Notes				
	Installed?	Maintenand Required?	e					
1 Silt Fence	⊠Yes □No	Yes N	lo l					
	⊠Yes □No		····	aged gravel bags by offices on Carmel.				
	∑Yes □No	⊠ Yes □N		fiber roll at the fence by the construction				
4 Inlet Protectors	⊠Yes □No	☐ Yes ☑N						
	⊠Yes □No	☐ Yes ⊠N						
6	Yes No		lo					
7 Weather info:	☐Yes ☐No	∏ Yes ∏N		p fell in the storm of 12/11/2015 -				
			12/14/2015.	a 70% change of rain on Saturday and				
				to a 70% chance of rain on Saturday and the with accumulation expected to be .08".				
8 BFM	⊠Yes □No	Yes 🗆		are the desired and the second to be seen				
9	∐Yes ∐No		lo					
10	Yes No		lo l					

Overall Site Issues

	BMP/activity	Implemented?	Maintenance	Corrective Action Needed and Notes
			Required?	
1	Are all slopes and	⊠Yes □No	⊠ Yes □No	Re-spray old stockpiles/slopes and spray new, tracked
	disturbed areas not			slopes in borrow lot.
	actively being worked			
2	properly stabilized? Are natural resource	⊠Yes □No	☐ Yes ⊠No	
	areas (e.g., streams,	⊠162 □140		
	wetlands, mature trees,			
	etc.) protected with			
	barriers or similar			
	BMPs?			
3	Are perimeter controls	⊠Yes □No	Xes □No	Maintain the fiber roll at the fence by the construction
	and sediment barriers			office.
	adequately installed (keyed into substrate)			
	and maintained?			
4	Are discharge points and	⊠Yes □No	☐ Yes ⊠No	
	receiving waters free of			
	any sediment deposits?			
5	Are storm drain inlets	⊠Yes □No	☐ Yes ⊠No	
	properly protected?			
6	Is the construction exit	⊠Yes □No	☐ Yes ⊠No	
U	preventing sediment	□ res □ 140	☐ 162 ☑IV0	
	from being tracked into			
	the street?			
7	Is trash/litter from work	⊠Yes □No	Yes □No	Cover Trash/Recycle Bins nightly.
	areas collected and		:	
	placed in covered			
	dumpsters?			
8	Are washout facilities	⊠Yes □No	☐ Yes ⊠No	
_	(e.g., paint, stucco,			
	concrete) available,			
	clearly marked, and			
	maintained?	Note:		
9	Are vehicle and	⊠Yes □No	☐ Yes ⊠No	
	equipment fueling, cleaning, and			
	maintenance areas free			
	of spills, leaks, or any			
	other deleterious			
	material?			
10	Are materials that are	⊠Yes □No	☐ Yes ⊠No	
	potential stormwater			
	contaminants stored inside or under cover?			
	more of uneel cover?			
11	Are non-stormwater	⊠Yes □No	☐ Yes ⊠No	
	discharges (e.g., wash			
	water, dewatering)			
	properly controlled?			
12	Surplus BMP's	⊠Yes □No	U Van Mar	
12	ombins divit. 8	M Les □IMO	☐ Yes ⊠No	
13	SWPPP Documentation	⊠Yes □No	☐ Yes ⊠No	

	BMP/activity	Implemented?	Maintenance Required?	Corrective Action Needed and Notes
	and Wall Map			
14		Yes No	Yes No	

CERTIFICATION STATEMENT

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Print name and title:	Kelly Grant CISEC, QSP	Date:	12/18/2015
	10.11.1		
Signature:	Kelly Hay		

NWS Forecast for: 2 Miles WSW San Marcos CA ssued by: National Weather Service San Diego, CA

ast Update: 6:33 am PST Dec 18, 2015



Today	Tonight	Saturday	Saturday Night	Sunday	Sunday Night	Monday	Monday Night	Tuesday
*=	•	₫ -	•		•			
Sunny	Mostly Clear	Mostly Sunny then Showers Likely	Showers Likely then Partly Cloudy	Mostly Sunny	Partly Cloudy	Mostly Sunny	Partly Cloudy	Mostly Sunny
High: 70 °F	Low: 47 °F	High: 63 °F	Low: 46 °F	High: 61 °F	Low: 44 °F	High: 64 °F	Low: 47 °F	High: 65 °F

Today: Sunny, with a high near 70. East wind 5 to 10 mph becoming west in the afternoon.

Tonight: Mostly clear, with a low around 47. Calm wind becoming east around 5 mph after midnight.

Saturday: Showers likely after 4pm. Increasing clouds, with a high near 63. East wind 5 to 10 mph becoming southwest in the afternoon. Chance of precipitation is 60%.

Saturday Night: Showers likely before 10pm. Mostly cloudy, with a low around 46. West wind around 5 mph. Chance of precipitation is 70%.

Sunday: Mostly sunny, with a high near 61. East wind around 5 mph becoming south in the morning.

sunday Night: Partly cloudy, with a low around 44.

Monday: Mostly sunny, with a high near 64.

Monday Night: Partly cloudy, with a low around 47.

Tuesday: Mostly sunny, with a high near 65.

Tuesday Night: Partly cloudy, with a low around 50.

Wednesday: Mostly sunny, with a high near 66.

Wednesday Night: A chance of showers. Mostly cloudy, with a low around 49.

Thursday: A chance of showers. Partly sunny, with a high near 63.

2 Miles WSW San Marcos CA 33.12°N 117.21°W (Elev. 597 ft)

Visit your local NWS office at: http://www.wrh.noaa.gov/sgx

появ

National Weather Service Forecast Office

San Diego, CA



Home News

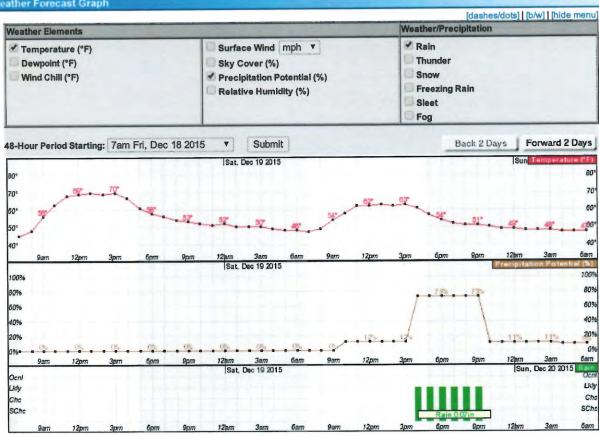
Organization

Search for:

NWS All NOAA

Point Forecast: 2 Miles WSW San Marcos CA 33.12N 117.21W (Elev. 597 ft) Last Update: 6:33 am PST Dec 18, 2015

Hourly Weather Forecast Graph





	Rain Event Action Plan (REAP)								
Date:		12/21/1	5	WDID Number:		937C355892			
Date I	Date Rain Predicted to Occur: 12/2		/	Predicted % chance	of rain:	80%			
Site In	nformation:	100	1.3						
North City Unit 1, San Marcos, 92078									
	ne, City and Zip Code		Projec	et Risk Level: X Risk Lev	el 2 🗈	Risk Level 3			
Site St	Site Stormwater Manager Information:								
Kel	ly Grant, Summit	Erosic	n Conti	col, 858-679-2	100				
	Company, Emergency Phone								
Erosic	on and Sediment Control	Contractor	- Labor F	orce contracted for th	e site:				
Sum	mit Erosion Cont	rol, 85	58 - 679-2	2100					
	Company, Emergency Phone Num	ber (24/7)							
Storm	water Sampling Agent:								
_	ly Grant, Summit		n Contr	ol, 858-602 - 86	667				
Name, C	Company, Emergency Phone Num	ber (24/7)	C	m					
		Check AL		Phase of Construction elow that apply to your					
	Grading and Land Develop	ment 🖄	Vertical C	onstruction		Inactive Site			
X	Streets and Utilities			dscaping and Site	0	Other:			
		Ac	Stabilizat	on ociated with Current	Phase(s)			
	Check ALL	the boxes be		ly to your site (some ap)					
Gradi:	ng and Land Developmen Demolition	<i>t:</i>	Vonetni	ion Removal	a	Vegetation Salvage-Harvest			
	Rough Grade		Finish (Blasting			
	Soil Amendment(s):			tion (ft)	0	Soils Testing			
	Rock Crushing			and Sediment Control	0	Surveying			
	Equip. Maintenance/Fuelin	_		and Sediment Control		Other:			
	s and Utilities:	45 W	Match	a Delivery and Storage	\undersity	Other.			
	Finish Grade	AST	Utility 1	Install: water-sewer-gas		Paving Operations			
	Equip. Maintenance/Fuelin	g 🖭	Storm l	Orain Installation	۵	Material Delivery & Storage			
	Curb and Gutter/Concrete	Pour 🗆	Masoni	y		Other:			
	al Construction:	_	_						
	Framing		Carpen	*		Concrete/Forms/Foundation			
	Masonry	0	Electric			Painting			
	Drywall/Interior Walls Equip. Maintenance/Fuelin	2	Plumbi HVAC	ng		Stucco Tile			
	Exterior Siding	g 🔑	Insulati	OT		Landscaping & Irrigation			
	Flooring		Roofing			Other:			
Final 1	andscaping & Site Stabil				-				
	Stabilization			ion Establishment		E&S Control BMP Removal			
	Finish Grade		Storage Removal	Yard/ Material		Landscape Installation			
	Painting and Touch-Up			on System Testing		Other:			
	Drainage Inlet Stencils		Inlet Fi	ltration		Perm. Water Quality Ponds			
0	Other:	0	Other:			Other:			
	<u>ve Construction Site:</u> : S Control Device Installation		Routine Site	Increation	□ Tra	sh Removal			
	S Control Device Maintenan		Street Sweep						

Rain Event Action Plan (REAP)

Date:	12/21/15		WDID Number:	9370	355892
	1407		ive on Site during Curre L the boxes below that apply to	nt Phase(s)	
A	Storm Drain Improvement		Grading Contractor		Surveyor- Soil Technician
2	Street Improvements	<u></u>	Water Pipe Installation	Q	Sanitary Station Provider
4	Material Delivery		Sewer Pipe Installation		Electrical
0	Trenching		Gas Pipe Installation	M	Carpentry
a	Concrete Pouring	K	Electrical Installation		Plumbing
o	Foundation		Communication Installat	ion 🗆	Masonry
Q	Demolition		Erosion and Sediment Control		Water, Sewer, Electric Utilities
0	Material Delivery	0	Equipment		Rock Products
o o	Tile Work- Flooring		Fueling/Maintenance Utilities, e.g., Sewer, Electric		Painters
a	Drywall		Roofers		Carpenters
X	HVAC installers		Stucco	8	Pest Control: e.g., termite
	Exterior Siding		Masons		prevention Water Feature Installation
9	Insulation	0	Landscapers		Utility Line Testers
	Fireproofing		Riggers		Irrigation System Installation
a	Steel Systems		Utility Line Testers		Other:
			ontractor Information P		
8	Educational Material Handout		the boxes below that apply t Tailgate Meetings	to your site.	Training Workshop
A	Contractual Language		Fines and Penalties	B	Signage
0	Other:		Other:		Other:
					Continued on next nage

Rain Event Action Plan (REAP)				
Date of REAP	12/21/15	WDID Number:	9370355892	
Date Rain Predicted to Occur:	104-1	Predicted % chance of rain:	80%	
Table 1 and the last of the	Predicted Rain	Event Triggered Actions		

Below is a list of suggested actions and items to review for this project. Each active Trade should check all material storage areas, stockpiles, waste management areas, vehicle and equipment storage and maintenance, areas of active soil disturbance, and areas of active work to ensure the proper implementation of BMPs. Project-wide BMPs should be checked and cross-referenced to the BMP progress map.

Trade or Activity	Suggested action(s) to perform / item(s) to review prior to rain event					
X 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 (ESC) material stock Review BMP progress map Other: Other:					
Material storage areas	Material under cover or in sheds (ex: treated woods and metals) Perimeter control around stockpiles Other:					
Waste management areas	Dumpsters closed Drain holes plugged Recycling bins covered Sanitary stations bermed and protected from tipping 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:					
Site ESC BMPs	Adequate capacity in sediment basins and traps Site perimeter controls in place Catch basin and drop inlet protection in place and cleaned Temporary erosion controls deployed Temporary perimeter controls deployed around disturbed areas and stockpiles Roads swept; site ingress and egress points stabilized Other:					
Concrete rinse out area	Adequate capacity for rain Wash-out bins covered Other:					
Spill and drips	All incident spills and drips, including paint, stucco, fuel, and oil cleaned Drip pans emptied Other:					

) Od (D)	H	Data II was II a	Continued on next page.
Other / Discussion / Diagrams	A	Replace types roll a tonce/gate &	_
	O	7 / / / / / / / / / / / / / / / / / / /	++
		Rellace Broken gravel bass in parkin	10/
	ā	a construction office.	
	<u> </u>	Repair rills & stabilize slopes on bo	rrow lot
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tach a printant of th	a wanthan fo	recast from the NOAA website to the REAP.	
tacis a printout of ti	e weather to	recast from the NOAA website to the AEAF.	
ertify under penalty of	law that this Ra	in Event Action Plan (REAP) will be performed in accord-	ance with the General Permit
		on in accordance with a system designed to assure that qu	
nered and evaluated the	le information :	submitted. Based on my inquiry of the persons who mana g the information, the information submitted is, to the be	ige the system, or those et of my knowledge and belief
rsons directly responsi- ie, accurate, and compl	ne for gaunerin ete. I am awar	e that there are significant penalties for submitting false in	st of my knowledge and belief, iformation, including the
ssibility of fine and imp	orisonment for	knowing violations.	, , , , , , , , , , , , , , , , , , , ,
1-11/		-	
1.0011	J. V	Date: 12/2/1	115

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Dwa			General Infor	mation	
rr	ject Name	North City	Unit 1		
WI	OID#	9 37C3558	92	Location	Barham Street, San Marcos, CA
Dat	e of Inspection	12/28/201	5	Start Time	9:40 AM
	pector's Name(s)	Kelly Gran			
	A TRUL ()		O '1 E ' (S 1	
	pector's Title(s)		Summit Erosion (
ns	pector's Contact Informat		100, info@summi		
ns	pector's Qualifications	QSP, Eros	sion Control Subc	ontractor	
	cribe present phase of struction	Vertical (Construction		
	oe of Inspection:			□ D4 -4	
ΧJI	Regular Pre-storm	eventDu	ring storm event		orm event
	s there been a storm event		Weather Infor		
	ather at time of this inspect Clear □Cloudy □ F		☐ Fog ☐ S	nowing 🔲 H	igh Winds
Iar f y nd	Other: Partly Cloudy ye any discharges occurred es, describe: There were 2 pH within allowable leve ethere any discharges at the es, describe: Site-specific BMPs	2 days of dischards.	spection? \(\times\)Yeges during this st	nperature: 50° s No orm, 12/22 and	12/23. Both days yielded clean sample
la f y	ve any discharges occurred es, describe: There were 2 pH within allowable leve there any discharges at the es, describe:	2 days of dischar ls.	spection? \(\times\)Yeges during this st	nperature: 50° s No orm, 12/22 and	
Iar f y nd	ye any discharges occurred es, describe: There were a pH within allowable leve there any discharges at the es, describe: Site-specific BMPs BMP Silt Fence	2 days of dischards. The time of inspection of the body and the body are body and the body are body a	spection?	No Corrective A	12/23. Both days yielded clean sample Action Needed and Notes
lav	ye any discharges occurred es, describe: There were a pH within allowable leve there any discharges at the es, describe: Site-specific BMPs BMP Silt Fence Gravel Bags	BMP Installed?	spection? Yes ges during this st tion? Yes BMP Maintenance Required? Yes No Yes No	No Corrective A	12/23. Both days yielded clean sample
lav f y nd	ye any discharges occurred es, describe: There were a pH within allowable leve there any discharges at the es, describe: Site-specific BMPs BMP Silt Fence Gravel Bags Fiber Roll	BMP Installed? Yes No	spection? Yes ges during this st tion? Yes BMP Maintenance Required? Yes No Yes No Yes No	No Corrective A	12/23. Both days yielded clean sample
Iav f y nd	ye any discharges occurred es, describe: There were a pH within allowable leve there any discharges at the es, describe: Site-specific BMPs BMP Silt Fence Gravel Bags Fiber Roll Inlet Protectors	BMP Installed? Yes No Yes No Yes No	spection?	No Corrective A Replace dam	12/23. Both days yielded clean sample
lar f y	ye any discharges occurred es, describe: There were a pH within allowable leve there any discharges at the es, describe: Site-specific BMPs BMP Silt Fence Gravel Bags Fiber Roll	BMP Installed? Yes No	spection?	No Corrective A Replace dam	12/23. Both days yielded clean sample
Iay f y nd	ye any discharges occurred es, describe: There were a pH within allowable leve there any discharges at the es, describe: Site-specific BMPs BMP Silt Fence Gravel Bags Fiber Roll Inlet Protectors	BMP Installed? Yes No Yes No Yes No	spection?	No Corrective A Replace dam There is a 60 expected to be	12/23. Both days yielded clean sample
Have f y	ye any discharges occurred es, describe: There were a pH within allowable leve there any discharges at the es, describe: Site-specific BMPs BMP Silt Fence Gravel Bags Fiber Roll Inlet Protectors Construction Entrance Weather info:	BMP Installed? Yes No Yes Yes No Yes Ye	spection?	No Corrective A Replace dam There is a 60 expected to be morning.	12/23. Both days yielded clean sample Action Needed and Notes aged gravel bags by offices on Carmel. % chance of rain with accululation be ~.13" between tonight and tomorrow
Have f y	ve any discharges occurred es, describe: There were a pH within allowable leve there any discharges at the es, describe: Site-specific BMPs BMP Silt Fence Gravel Bags Fiber Roll Inlet Protectors Construction Entrance	BMP Installed? Yes No	spection?	No Corrective A Replace dam There is a 60 expected to be morning. Protect stock	12/23. Both days yielded clean sample Action Needed and Notes aged gravel bags by offices on Carmel. % chance of rain with accululation
Iavind	ye any discharges occurred es, describe: There were a pH within allowable leve there any discharges at the es, describe: Site-specific BMPs BMP Silt Fence Gravel Bags Fiber Roll Inlet Protectors Construction Entrance Weather info:	BMP Installed? Yes No Yes Yes No Yes Ye	spection?	No Corrective A Replace dam There is a 60 expected to be morning. Protect stock	12/23. Both days yielded clean sample Action Needed and Notes aged gravel bags by offices on Carmel. % chance of rain with accululation be ~.13" between tonight and tomorrow
Havind Area f y	ye any discharges occurred es, describe: There were a pH within allowable leve there any discharges at the es, describe: Site-specific BMPs BMP Silt Fence Gravel Bags Fiber Roll Inlet Protectors Construction Entrance Weather info:	BMP Installed? Yes No Yes	spection?	No Corrective A Replace dam There is a 60 expected to be morning. Protect stock	12/23. Both days yielded clean sample Action Needed and Notes aged gravel bags by offices on Carmel. % chance of rain with accululation be ~.13" between tonight and tomorrow

	BMP/activity	Implemented?	Maintenance Required?	Corrective Action Needed and Notes
1	Are all slopes and disturbed areas not actively being worked properly stabilized?	⊠Yes □No	Yes No	Protect stockpiles on borrow lot.
2	Are natural resource areas (e.g., streams, wetlands, mature trees, etc.) protected with barriers or similar BMPs?	⊠Yes □No	☐ Yes ⊠No	
3	Are perimeter controls and sediment barriers adequately installed (keyed into substrate) and maintained?	⊠Yes □No	☐ Yes ⊠No	
4	Are discharge points and receiving waters free of any sediment deposits?	⊠Yes □No	☐ Yes ⊠No	
5	Are storm drain inlets properly protected?	⊠Yes □No	☐ Yes ⊠No	
6	Is the construction exit preventing sediment from being tracked into the street?	⊠Yes □No	☐ Yes ⊠No	
7	Is trash/litter from work areas collected and placed in covered dumpsters?	⊠Yes □No	⊠ Yes □No	Place all trash in Containers / Cover Trash/Recycle Bins nightly.
8	Are washout facilities (e.g., paint, stucco, concrete) available, clearly marked, and maintained?	⊠Yes □No	☐ Yes ⊠No	
9	Are vehicle and equipment fueling, cleaning, and maintenance areas free of spills, leaks, or any other deleterious material?	⊠Yes □No	☐ Yes ⊠No	
10	Are materials that are potential stormwater contaminants stored inside or under cover?	⊠Yes □No	☐ Yes ⊠No	
11	Are non-stormwater discharges (e.g., wash water, dewatering) properly controlled?	⊠Yes □No	☐ Yes ⊠No	
12	Surplus BMP's	⊠Yes □No	☐ Yes ⊠No	
13	SWPPP Documentation	MVes DNo	TVes MNo	

i.

	BMP/activity	Implemented?	Maintenance Required?	Corrective Action Needed and Notes
	and Wall Map		•	
14		Yes No	Yes No	

Print name and title:	Kelly Grant	CISEC, QSP	Date:	12/28/2015
Signature:	Ally	f Great		

NWS Forecast for: 2 Miles WSW San Marcos CA

Issued by: National Weather Service San Diego, CA

ast Update: 3:25 am PST Dec 28, 2015



Today	Tonight	Tuesday	Tuesday Night	Wednesday	Wednesday Night	Thursday	Thursday Night	New Year's Day
60%	60%	*	•	*	AND THE REAL PROPERTY.	*	•	*
Showers Likely	Showers Likely then Mostly Clear	Sunny	Mostly Clear	Sunny	Mostly Clear	Sunny	Mostly Clear	Sunny

High: 58 °F Low: 42 °F High: 59 °F Low: 43 °F High: 64 °F Low: 43 °F High: 66 °F Low: 45 °F High: 65 °F

Today: Showers likely and possibly a thunderstorm, mainly after 4pm. Mostly sunny, with a high near 58. East wind 5 to 10 mph becoming south in the afternoon. Chance of precipitation is 60%.

Tonight: Showers likely and possibly a thunderstorm before 10pm. Partly cloudy, with a low around 42. Northeast wind around 5 mph. Chance of precipitation is 60%.

Tuesday: Sunny, with a high near 59. East wind around 5 mph becoming southwest in the afternoon.

Tuesday Night: Mostly clear, with a low around 43. South wind 5 to 10 mph becoming east in the evening.

Wednesday: Sunny, with a high near 64. East wind 5 to 10 mph becoming south in the morning.

Wednesday Night: Mostly clear, with a low around 43.

Thursday: Sunny, with a high near 66.

Thursday Night: Mostly clear, with a low around 45.

New Year's Day: Sunny, with a high near 65.

Friday Night: Mostly clear, with a low around 45.

Saturday: Sunny, with a high near 65.

Saturday Night: Mostly clear, with a low around 46.

Sunday: A chance of rain. Mostly sunny, with a high near 64.

2 Miles WSW San Marcos CA 33.12°N 117.21°W (Elev. 597 ft)

Visit your local NWS office at: http://www.wrh.noaa.gov/sgx



m - 1

National Weather Service Forecast Office

San Diego, CA



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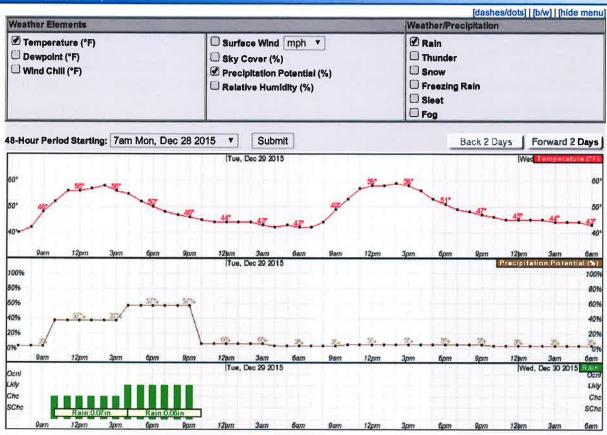
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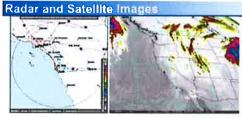
NWS AILNOAA

Point Forecast: 2 Miles WSW San Marcos CA 33.12N 117.21W (Elev. 597 ft)

Last Update: 3:25 am PST Dec 28, 2015

Hourly Weather Forecast Graph





nternational System of Inits	Forecast Discussion
-Day Forecast	Tabular Forecast
bservations Map-San lego	Observations Map-Los Angeles
ainfall	Visible Satellite Image (daytime)
ocal Climate Data	Product Quick Select
ow to use this page	User Defined Area

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R	ain E	vent Act	ion Plan	(R	EAP)
Date:	12/28	/15 WI	ID Number:		937C355892
Date Rain Predicted to Occur:	7,		dicted % chance	of rain	: 60%
Site Information:	12/21				
North City Unit 1, S	San Mar	cos, 92078			
Site Name, City and Zip Code		Project Ris	k Level: & Risk Lev	7el 2	□ Risk Level 3
Site Stormwater Manager Infor	mation:				
_Kelly Grant, Summit	Erosi	on Control	858-679-2	100	
Name, Company, Emergency Phone	Number (2	4/7)			
Erosion and Sediment Control (Contracto	r – Labor Force	contracted for th	ie site:	
Summit Erosion Cont:	rol, 8	58-679-210			
Name, Company, Emergency Phone Num	ber (24/7)				
Stormwater Sampling Agent:					
Kelly Grant, Summit		on Control,	858-602-8	667	
Name, Company, Emergency Phone Num	ber (24/7)				
	Check AL		e of Construction that apply to your		
☐ Grading and Land Develop	nent 🖄	Vertical Constr		ū	Inactive Site
Streets and Utilities		Final Landscar	ing and Site	0	Other:
,	Δ.	Stabilization	ted with Current	Dhacai	(2)
Check ALL t	he boxes b		your site (some ap		
Grading and Land Developmen Demolition	<i>t:</i>	Vegetation R			Variation Column Times
☐ Rough Grade		Finish Grade			Vegetation Salvage-Harvest
Soil Amendment(s):		Excavation (Blasting
□ Rock Crushing			Sediment Control		Soils Testing
☐ Equip. Maintenance/Fuelin		7	ivery and Storage		Surveying Other:
	g w	Material Dei	ivery and Storage		Other:
Streets and Utilities: Finish Grade	×	Utility Instal	l: water-sewer-gas	0	Paving Operations
☐ Equip. Maintenance/Fuelin	,	Storm Drain	Installation	u	Material Delivery & Storage
□ Curb and Gutter/Concrete I	-	Masonry			Other:
Vertical Construction:					
Framing	A	Carpentry			Concrete/Forms/Foundation
☐ Masonry		Electrical			Painting
Drywall/Interior Walls	A	Plumbing			Stucco
Equip. Maintenance/Fuelin	~	HVAC			Tile
Exterior Siding		Insulation			Landscaping & Irrigation
☐ Flooring Final Landscaping & Site Stabil	ization:	Roofing			Other:
□ Stabilization	Q	Vegetation E	stablishment		E&S Control BMP Removal
☐ Finish Grade		Storage Yard	/ Material		Landscape Installation
☐ Painting and Touch-Up		Removal Irrigation Sy	stem Testing		Other:
☐ Drainage Inlet Stencils	9	Inlet Filtratio			Perm. Water Quality Ponds
☐ Other:	0	Other:			Other:
Inactive Construction Site:					
□ E & S Control Device Installation□ E & S Control Device Maintenance		Routine Site Inspe Street Sweeping	ection		rash Removal ther:

Rain Event Action Plan (REAP)

Date:	12/28/5		WDID Number:		
	T		tive on Site during Current Pha		
۵	Storm Drain Improvement		Grading Contractor	ite 🗀	Surveyor- Soil Technician
۵	Street Improvements		Water Pipe Installation		Sanitary Station Provider
XI_	Material Delivery		Sewer Pipe Installation		Electrical
	Trenching		Gas Pipe Installation	X	Carpentry
0	Concrete Pouring		Electrical Installation		Plumbing
	Foundation		Communication Installation		Masonry
Q	Demolition	0	Erosion and Sediment Control	0	Water, Sewer, Electric Utilities
0	Material Delivery		Equipment		Rock Products
	Tile Work- Flooring		Fueling/Maintenance Utilities, e.g., Sewer, Electric		Painters
M	Drywall		Roofers		Carpenters
A	HVAC installers		Stucco		Pest Control: e.g., termite
	Exterior Siding		Masons	0	prevention Water Feature Installation
0	Insulation		Landscapers		Utility Line Testers
	Fireproofing		Riggers		Irrigation System Installation
	Steel Systems		Utility Line Testers		Other:
			Contractor Information Provide the boxes below that apply to your		
×	Educational Material Handout	A MECK ALL	Tailgate Meetings	Ø	Training Workshop
文	Contractual Language	(2)	Pines and Penalties	X 4	Signage
0	Other:		Other:		Other:
					Continued on next page

Rain Event Action Plan (REAP) Date of REAP 12/28/15 WDID Number: 937C355892 Date Rain Predicted to Occur: 12/28/15 Predicted % chance of rain: 60%

Predicted Rain Event Triggered Actions

Below is a list of suggested actions and items to review for this project. Each active Trade should check all material storage areas, stockpiles, waste management areas, vehicle and equipment storage and maintenance, areas of active soil disturbance, and areas of active work to ensure the proper implementation of BMPs. Project-wide BMPs should be checked and cross-referenced to the BMP progress map.

Trade or Activity	Suggested action(s) to perform / item(s) to review prior to rain event
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 (ESC) material stock Review BMP progress map Other: Other:
2 Material storage areas	Material under cover or in sheds (ex: treated woods and metals) Perimeter control around stockpiles Other: O
Waste management areas	Dumpsters closed Drain holes plugged Recycling bins covered Sanitary stations bermed and protected from tipping Other:
2 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:
Site ESC BMPs	Adequate capacity in sediment basins and traps Site perimeter controls in place Catch basin and drop inlet protection in place and cleaned Temporary erosion controls deployed Temporary perimeter controls deployed around disturbed areas and stockpiles Roads swept; site ingress and egress points stabilized Other:
Concrete rinse out area	Adequate capacity for rain Wash-out bins covered Other:
Spill and drips	All incident spills and drips, including paint, stucco, fuel, and oil cleaned Drip pans emptied Other:

			Continued on next page
Other / Discussion /	Cov	ver Trash/Recycling Bins	
Diagrams	6 -		
	& Cou	er stocksile at southern and	ef
	_ Cs	outstruction trailer let	
	DI FILL	Wills + Notest stones at ho	row lot
			7,500
	0 4	s soon as weather permits	
	6 —		
	0		
	a		
ach a printout of the we	eather forecast fr	rom the NOAA website to the REAP.	
			ordance with the Canaral Permit
ertify under penalty of law th	hat this Rain Event	Action Plan (REAP) will be performed in acco	ordance with the General Permit
ertify under penalty of law the me or under my direction of	hat this Rain Event r supervision in acc	Action Plan (REAP) will be performed in accordance with a system designed to assure that	qualified personnel properly
ertify under penalty of law the me or under my direction of hered and evaluated the inf	hat this Rain Event r supervision in acc formation submitted	Action Plan (REAP) will be performed in accordance with a system designed to assure that d. Based on my inquiry of the persons who ma	qualified personnel properly anage the system, or those
ertify under penalty of law the me or under my direction of hered and evaluated the infectors sons directly responsible for e, accurate, and complete.	hat this Rain Event r supervision in accormation submitted or gathering the info I am aware that the	Action Plan (REAP) will be performed in accordance with a system designed to assure that d. Based on my inquiry of the persons who may remation, the information submitted is, to the are significant penalties for submitting false	qualified personnel properly anage the system, or those best of my knowledge and belief
ertify under penalty of law the me or under my direction of thered and evaluated the infectors cons directly responsible fo	hat this Rain Event r supervision in accormation submitted or gathering the info I am aware that the	Action Plan (REAP) will be performed in accordance with a system designed to assure that d. Based on my inquiry of the persons who may remation, the information submitted is, to the are significant penalties for submitting false	qualified personnel properly anage the system, or those best of my knowledge and belief,
ertify under penalty of law the me or under my direction of hered and evaluated the infersons directly responsible for e, accurate, and complete.	hat this Rain Event r supervision in accormation submitted or gathering the info I am aware that the	Action Plan (REAP) will be performed in accordance with a system designed to assure that d. Based on my inquiry of the persons who may remation, the information submitted is, to the are significant penalties for submitting false	qualified personnel properly anage the system, or those best of my knowledge and belief,
ertify under penalty of law the me or under my direction of hered and evaluated the infectors sons directly responsible for e, accurate, and complete.	hat this Rain Event r supervision in accormation submitted or gathering the info I am aware that the	Action Plan (REAP) will be performed in accordance with a system designed to assure that d. Based on my inquiry of the persons who may remation, the information submitted is, to the are significant penalties for submitting false	qualified personnel properly anage the system, or those best of my knowledge and belief,

NWS Forecast for: San Marcos CA

Issued by: National Weather Service San Diego, CA

Last Update: 3:25 am PST Dec 28, 2015



Today	Tonight	Tuesday	Tuesday Night	Wednesday	Wednesday Night	Thursday	Thursday Night	New Year's Day
60%	80%	*=	•	*	•	*	•	*
Showers Likely	Showers Likely then Mostly Clear	Sunny	Mostly Clear	Sunny	Mostly Clear	Sunny	Mostly Clear	Sunny
High: 57 °F	Low: 40 °F	High: 60 °F	Low: 40 °F	High: 65 °F	Low: 41 °F	High: 66 °F	Low: 43 °F	High: 66 °F

Frost Advisory

Today: Showers likely and possibly a thunderstorm, mainly after 5pm. Increasing clouds, with a high near 57. East wind around 5 mph becoming south in the afternoon. Chance of precipitation is 60%.

Tonight: Showers likely and possibly a thunderstorm before 11pm. Mostly cloudy, then gradually becoming mostly clear, with a low around 40. East wind around 5 mph. Chance of precipitation is 60%.

Tuesday: Sunny, with a high near 60. East wind around 5 mph becoming southwest in the afternoon.

Tuesday Night: Mostly clear, with a low around 40. South wind 5 to 10 mph becoming east in the evening.

Wednesday: Sunny, with a high near 65. East wind 5 to 10 mph becoming south in the morning.

Wednesday Night: Mostly clear, with a low around 41.

Thursday: Sunny, with a high near 66.

Thursday Night: Mostly clear, with a low around 43.

New Year's Day: Sunny, with a high near 66.

Friday Night: Mostly clear, with a low around 42.

Saturday: Sunny, with a high near 66.

Saturday Night: Mostly clear, with a low around 43.

Sunday: A chance of rain. Mostly sunny, with a high near 65.

San Marcos CA 33.15°N 117.16°W (Elev. 669 ft)

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National Weather Service Forecast Office

San Diego, CA

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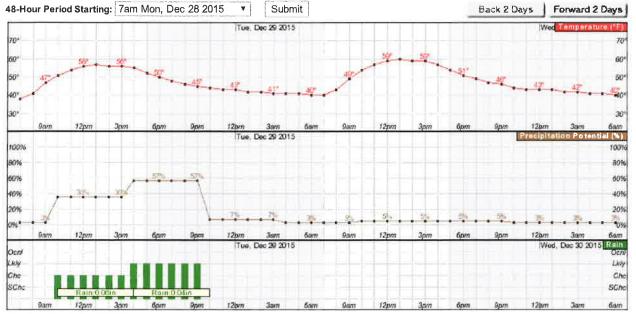
weather.gov

Last Update: 3:25 am PST Dec 28, 2015

Point Forecast: San Marcos CA 33.15N 117.16W (Elev. 669 ft)

Hourly Weather Forecast Graph

[dashes/dots] | [b/w] | [hide menu] Weather Elements Weather/Precipitation ✓ Rain Temperature (°F) Surface Wind mph ▼ Dewpoint (°F) Sky Cover (%) Thunder Wind Chill (°F) Precipitation Potential (%) Snow Freezing Rain Relative Humidity (%) Sleet Fog



Monday, December 28 at 7am

Temperature: 38 °F

Precipitation Potential (%): 3%

Rain: <10%

Additional Forecasts & Information Radar and Satellite Image International System of Forecast Discussion Units 7-Day Forecast Tabular Forecast Observations Map-Los Observations Map-San Diego **Angeles** Visible Satellite Image Rainfall (daytime) Local Climate Data **Product Quick Select** User Defined Area How to use this page Webmaster NOAA's National Weather Service Disclaimer Privacy Policy Credits About Us San Diego, CA Glossary Career Opportunities

				General In	formation	
Pro	oject Name	No	rth City	Unit 1		
WI	DID#	9 3	7C3558	92	Location	Barham Street, San Marcos, CA
Da	te of Inspection	1/4	/2016		Start Time	8:55 AM
Ins	pector's Name(s)	Kel	ly Gran	t		
Ins	pector's Title(s)	Insp	pector, S	Summit Erosi	on Control	
Ins	pector's Contact Informat	-			nmiterosion.com	
lns	pector's Qualifications	QS	P, Eros	ion Control S	ubcontractor	
	scribe present phase of struction	Vei	tical C	onstruction		
	pe of Inspection: Regular Pre-storm	event	☐ Du	ring storm eve	ent Post-s	torm event
				Weather In	formation	
	s there been a storm event	since the	ast ins	pection?	Yes ⊠No	
	es, provide: rm Start Date & Time:	,	Ctorm F	Ouration (hrs):	Annrovimo	ate Amount of Precipitation (in):
510	ini start Date & Time.	1	Storiii L	Juration (ms).	Approxima	the Amount of Freeignation (m).
XI.						
Hav	Other: Partly Cloudy ve any discharges occurred es, describe: there any discharges at the es, describe:			spection?		r
Hay If y	ve any discharges occurred es, describe: there any discharges at the es, describe: Site-specific BMPs	he time of		spection?	Yes No	
Hav If y	ve any discharges occurred es, describe: e there any discharges at these, describe:		inspect	spection?	Yes No	Action Needed and Notes
Hav	ve any discharges occurred es, describe: e there any discharges at the es, describe: Site-specific BMPs BMP	BMP	inspect	ion? Yes BMP Maintenan Required?	Yes No No Corrective	
Have f y	ve any discharges occurred es, describe: e there any discharges at the es, describe: Site-specific BMPs BMP Silt Fence	BMP Installed	inspect d?	ion? Yes BMP Maintenan Required?	Yes No No Corrective	Action Needed and Notes
Have state of the	ve any discharges occurred es, describe: e there any discharges at the es, describe: Site-specific BMPs BMP Silt Fence Gravel Bags	BMP Installed Yes Yes	inspect d? No	ion? Yes BMP Maintenan Required? Yes	Yes No No Corrective Ro Replace dan	
Have Area of the second	ve any discharges occurred es, describe: e there any discharges at the es, describe: Site-specific BMPs BMP Silt Fence Gravel Bags Fiber Roll	BMP Installed Yes Yes Yes	inspect d? No No No	ion? Yes BMP Maintenan Required? Yes Yes Yes Yes	Yes No Corrective Corrective No No Replace dan	Action Needed and Notes
Have fif y	ve any discharges occurred es, describe: e there any discharges at the es, describe: Site-specific BMPs BMP Silt Fence Gravel Bags Fiber Roll Inlet Protectors	BMP Installed Yes Yes Yes Yes	inspect ins	BMP Maintenan Required? Yes Yes Yes Yes Yes Yes	Yes No Corrective Ce No No Replace dan No No	Action Needed and Notes
Have f y	ve any discharges occurred es, describe: e there any discharges at the es, describe: Site-specific BMPs BMP Silt Fence Gravel Bags Fiber Roll	BMP Installed Yes Yes Yes Yes Yes Yes	inspect ins	BMP Maintenan Required? Yes Yes Yes Yes Yes Yes Yes	Yes No Corrective Corrective No No Replace dan No No No	Action Needed and Notes
Are f y	ve any discharges occurred es, describe: e there any discharges at the es, describe: Site-specific BMPs BMP Silt Fence Gravel Bags Fiber Roll Inlet Protectors	BMP Installed Yes Yes Yes Yes	inspect ins	BMP Maintenan Required? Yes Yes Yes Yes Yes Yes Yes Ye	Yes No Corrective Replace dan No No No No No No No No No N	Action Needed and Notes naged gravel bags by offices on Carmel. 0 - 100% chance of rain between today and
Haviff y Arcelf y	ve any discharges occurred es, describe: e there any discharges at the es, describe: Site-specific BMPs BMP Silt Fence Gravel Bags Fiber Roll Inlet Protectors Construction Entrance	BMP Installed Yes Yes Yes Yes Yes Yes Yes Yes Yes	inspect d? No No No No No No No	BMP Maintenan Required? Yes Yes Yes Yes Yes Yes Yes Ye	Yes No Corrective Ro No Replace dan No No No No No There is a 9 Friday morr	Action Needed and Notes naged gravel bags by offices on Carmel.
Harif y Arc Arc 11 22 33 44 55 66 7	ve any discharges occurred es, describe: ethere any discharges at the es, describe: Site-specific BMPs BMP Silt Fence Gravel Bags Fiber Roll Inlet Protectors Construction Entrance Weather info:	BMP Installed Yes Yes Yes Yes Yes Yes Yes Yes Yes Ye	inspect i? No No No No No No No	BMP Maintenan Required? Yes Yes Yes Yes Yes Yes Yes Ye	Yes No Corrective Corrective No No Replace dan No No No No No No Reriday morr No Re-spray old slopes in bo	Action Needed and Notes naged gravel bags by offices on Carmel. 0 - 100% chance of rain between today and thing. Up to 3" is expected to accumulate. d stockpiles/slopes and spray new, tracked
Harif y Arc Arc 11 22 33 41 55 65 77	ve any discharges occurred es, describe: ethere any discharges at the es, describe: Site-specific BMPs BMP Silt Fence Gravel Bags Fiber Roll Inlet Protectors Construction Entrance Weather info:	BMP Installed Yes Yes Yes Yes Yes Yes Yes Yes Yes Ye	inspect il? No No No No No No No No	BMP Maintenan Required? Yes Yes Yes Yes Yes Yes Yes Ye	Yes No Corrective Corrective No No Replace dar No No No No No There is a 9 Friday morr No Re-spray old slopes in bo	Action Needed and Notes naged gravel bags by offices on Carmel. 0 - 100% chance of rain between today and the company of the
Harif y Arc Arc 11 22 33 41 55 65 77	ve any discharges occurred es, describe: ethere any discharges at the es, describe: Site-specific BMPs BMP Silt Fence Gravel Bags Fiber Roll Inlet Protectors Construction Entrance Weather info:	BMP Installed Yes Yes Yes Yes Yes Yes Yes Yes Yes Ye	inspect i? No No No No No No No	BMP Maintenan Required? Yes Yes Yes Yes Yes Yes Yes Ye	Yes No Corrective Corrective No No Replace dan No No No No No No Reriday morr No Re-spray old slopes in bo	Action Needed and Notes naged gravel bags by offices on Carmel. 0 - 100% chance of rain between today and thing. Up to 3" is expected to accumulate. d stockpiles/slopes and spray new, tracked
Harif y Arc Arc 11 22 33 41 55 65 77	ve any discharges occurred es, describe: ethere any discharges at the es, describe: Site-specific BMPs BMP Silt Fence Gravel Bags Fiber Roll Inlet Protectors Construction Entrance Weather info:	BMP Installed Yes Yes Yes Yes Yes Yes Yes Yes Yes Ye	inspect il? No No No No No No No No	BMP Maintenan Required? Yes Yes Yes Yes Yes Yes Yes Ye	Yes No Corrective Corrective No No Replace dar No No No No No There is a 9 Friday morr No Re-spray old slopes in bo	Action Needed and Notes naged gravel bags by offices on Carmel. 0 - 100% chance of rain between today and thing. Up to 3" is expected to accumulate. d stockpiles/slopes and spray new, tracked
Hav If y	ve any discharges occurred es, describe: ethere any discharges at the es, describe: Site-specific BMPs BMP Silt Fence Gravel Bags Fiber Roll Inlet Protectors Construction Entrance Weather info: BFM	BMP Installed Yes Yes Yes Yes Yes Yes Yes Yes Yes Ye	inspect d? No	BMP Maintenan Required? Yes Yes Yes Yes Yes Yes Yes Ye	Yes No Corrective Replace dan No No No No No There is a 9 Friday morr No Re-spray old slopes in bo No	Action Needed and Notes naged gravel bags by offices on Carmel. 0 - 100% chance of rain between today and thing. Up to 3" is expected to accumulate. d stockpiles/slopes and spray new, tracked

	BMP/activity	Implemented?	Maintenance Required?	Corrective Action Needed and Notes
	actively being worked properly stabilized?			
2	Are natural resource areas (e.g., streams, wetlands, mature trees, etc.) protected with barriers or similar BMPs?	⊠Yes □No	☐ Yes ⊠No	
3	Are perimeter controls and sediment barriers adequately installed (keyed into substrate) and maintained?	⊠Yes □No	☐ Yes ⊠No	
4	Are discharge points and receiving waters free of any sediment deposits?	⊠Yes □No	☐ Yes ⊠No	
5	Are storm drain inlets properly protected?	⊠Yes □No	☐ Yes ⊠No	
6	Is the construction exit preventing sediment from being tracked into the street?	⊠Yes □No	☐ Yes ⊠No	
7	Is trash/litter from work areas collected and placed in covered dumpsters?	⊠Yes □No	X Yes □No	Cover all trash/recycle Bins
8	Are washout facilities (e.g., paint, stucco, concrete) available, clearly marked, and maintained?	⊠Yes □No	☐ Yes ⊠No	
9	Are vehicle and equipment fueling, cleaning, and maintenance areas free of spills, leaks, or any other deleterious material?	⊠Yes □No	⊠ Yes ∏No	Cover the Fuel StorageTank and place containment under all gas-powered equipment/machinery.
10	Are materials that are potential stormwater contaminants stored inside or under cover?	⊠Yes □No	⊠ Yes □No	Cover all stockpiles and concrete/asphalt demo piles. Also cover any stacks of drywall remaining outside of the structure.
11	Are non-stormwater discharges (e.g., wash water, dewatering) properly controlled?	⊠Yes □No	☐ Yes ⊠No	
12	Surplus BMP's	⊠Yes □No	☐ Yes ⊠No	
13	SWPPP Documentation and Wall Map	⊠Yes □No	☐ Yes ⊠No	
1/1		TVes TNo	T Ves TNo	

ť.

Print name and title:	Kelly Grant	CISEC, QSP	Date:	1/4/2016
Signature:	Selly	Shaut		

3	Rain Event Action Plan (REAP)							
Date:	1	14/2	016	WDID Number:		937C355892		
Date Ra	ain Predicted to Occur:	1,11	16	Predicted % chance	of rain:	100%		
Site Inf	Site Information:							
Nort	h City Unit 1, Sar	n Mai	rcos, 92	2078				
	e, City and Zip Code		Proje	ct Risk Level: 🛚 Risk Lev	rel 2	Risk Level 3		
Site Sto	rmwater Manager Informa	tion:						
Kell	y Grant, Summit E	rosi	on Cont	rol, 858-679-21	100			
Name, C	ompany, Emergency Phone Nur	nber (2	4/7)					
Erosion	and Sediment Control Con	itracto	r – Labor F	orce contracted for th	e site:			
Summ	nit Erosion Contro	1, 8	58-679-	2100				
	mpany, Emergency Phone Number	(24/7)						
Stormw	vater Sampling Agent:							
	y Grant, Summit E		on Contr	col, 858-602 - 86	667			
Name, Co	mpany, Emergency Phone Number	(24/7)	Commont	Phase of Construction				
	C	heck AI		rnase of Construction below that apply to your:				
0	Grading and Land Developmen	it 🖄	Vertical (Construction	0	Inactive Site		
DE	Streets and Utilities		Final Lan Stabilizat	dscaping and Site	0	Other:		
			ctivities As	sociated with Current				
Gradine	Check ALL the gand Land Development:	boxes b	elow that ap	ply to your site (some ap	ply to all	Phases).		
0	Demolition		Vegeta	tion Removal	a	Vegetation Salvage-Harvest		
a	Rough Grade		Finish	Grade		Blasting		
D	Soil Amendment(s):		Excava	tion (ft)	a	Soils Testing		
a	Rock Crushing		Erosio	n and Sediment Control		Surveying		
0	Equip. Maintenance/Fueling		Materi	al Delivery and Storage		Other:		
Streets	<u>and Utilities:</u> Finish Grade	DK.	Utility	Install: water-sewer-gas	a	Paving Operations		
a	Equip. Maintenance/Fueling		Storm	Drain Installation		Material Delivery & Storage		
	Curb and Gutter/Concrete Pou	r 🗆	Mason	ry		Other:		
Vertical	Construction:							
0	Framing		Carper	•		Concrete/Forms/Foundation		
	Masonry	英	Electri			Painting		
25	Drywall/Interior Walls	NO.	Plumb	ing		Stucco		
<u>A</u> _	Equip, Maintenance/Fueling	中域	HVAC			Tile		
081	Exterior Siding		Insulat			Landscaping & Irrigation		
Final La	Flooring andscaping & Site Stabiliza	tion:	Roofin	g		Other:		
	Stabilization	0	Vegeta	tion Establishment		E&S Control BMP Removal		
0	Finish Grade			e Yard/ Material		Landscape Installation		
	Painting and Touch-Up		Removal Irrigati	on System Testing		Other:		
	Drainage Inlet Stencils		Inlet F	iltration		Perm. Water Quality Ponds		
0	Other:		Other:			Other:		
	Construction Site: S Control Device Installation	Lung	Danding City	Inchestica	O Tr	ash Removal		
	S Control Device Installation S Control Device Maintenance	0	Routine Site Street Sweet			her:		

Rain Event Action Plan (REAP)

Date:	1/4/2016		WDID Number:	9 37C35	55892
	71/02	Trades Ac	tive on Site during Curi LL the boxes below that apply	rent Phase(s)	
	Storm Drain Improvement		Grading Contractor		Surveyor- Soil Technician
a	Street Improvements	a	Water Pipe Installation		Sanitary Station Provider
a	Material Delivery	0	Sewer Pipe Installation		Electrical
٥	Trenching		Gas Pipe Installation		Carpentry
	Concrete Pouring	Ą	Electrical Installation		Plumbing
0	Foundation	а	Communication Install	ation 🗆	Masonry
	Demolition		Erosion and Sediment	Control 🗆	Water, Sewer, Electric Utilities
	Material Delivery	0	Equipment Fueling/Maintenance	۵	Rock Products
٥	Tile Work- Flooring		Utilities, e.g., Sewer, El	ectric 🔲	Painters
A	Drywall		Roofers	۵	Carpenters
À	HVAC installers		Stucco		Pest Control: e.g., termite
٥	Exterior Siding		Masons	0	prevention Water Feature Installation
*	Insulation		Landscapers	ū	Utility Line Testers
٥	Fireproofing		Riggers	٥	Irrigation System Installation
٥	Steel Systems		Utility Line Testers		Other:
			Contractor Information the boxes below that appl		1
₹	Educational Material Handou		Tailgate Meetings	y to your site.	Training Workshop
24.	Contractual Language		Fines and Penalties	CX-	Signage
	Other:	۵	Other:	٥	Other:
/					Continued on next page.

Rain Event Action Plan (REAP) 9 37C355892 WDID Number: **Date of REAP** 100% Predicted % chance of rain: Date Rain Predicted to Occur:

Predicted Rain Event Triggered Actions

Below is a list of suggested actions and items to review for this project. Each active Trade should check all material storage areas, stockpiles, waste management areas, vehicle and equipment storage and maintenance, areas of active soil disturbance, and areas of active work to ensure the proper implementation of BMPs. Project-wide BMPs should be checked and crossreferenced to the BMP progress map.

Trade or Activity	Suggested action(s) to perform / item(s) to review prior to rain event
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 (ESC) material stock Review BMP progress map Other: Other:
n Material storage areas	Material under cover or in sheds (ex: treated woods and metals) Perimeter control around stockpiles Other:
Waste management areas	Dumpsters closed Drain holes plugged Recycling bins covered Sanitary stations bermed and protected from tipping 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:
Site ESC BMPs	Adequate capacity in sediment basins and traps Site perimeter controls in place Catch basin and drop inlet protection in place and cleaned Temporary erosion controls deployed Temporary perimeter controls deployed around disturbed areas and stockpiles Roads swept; site ingress and egress points stabilized Other:
Concrete rinse out area	Adequate capacity for rain Wash-out bins covered Other:
Spill and drips	All incident spills and drips, including paint, stucco, fuel, and oil cleaned Drip pans emptied Other:

				C	ontinued on next	page.
Other / Discussion /	Q - G	over all trash Rec	ycle Bins			1
Diagrams	<u> </u>		•			
	and the same of th	ver fuel Tank				
		over all stockerles	1 Concrete	2/Asdie Ho	Lewis	
	9 -					
	S E	usure duquall is	all covered	litlett		
	5 _	The terminal of the state of th	7		1	1
		of containment und	er all gas po	owered ma	kinery/Equipm	ent
	5 =					1
6						
1 01						
						1 1
Attach a printout of the we	ather forecast	t from the NOAA websit	te to the REAL	Ρ,		
I certify under penalty of law th	not this Dain Fre	ant Action Dlan (DEAD) will	l he performed i	in accordance	with the Concret De	rmit
by me or under my direction or	r supervision in a	accordance with a system d	esigned to assu	re that qualif	ied personnel proper	
gathered and evaluated the info	ormation submit	tted. Based on my inquiry	of the persons v	vho manage t	he system, or those	
persons directly responsible for true, accurate, and complete. I						
possibility of fine and imprison	ment for knowir	ng violations.	THE PART OF THE PA	-0		
	111			11		
40111111	1 Rout		Date:	1/4/16		
Qualified SWPPP Practitioner	(Use ink please)		Date	1400		76

Stormwater Construction Site Inspection Report

		General Inform	nation					
Project Name	North Cit	y Unit 1						
WDID#	9 37C355	9 37C355892 Location Barham Street, San Marco						
Date of Inspection	1/6/2016		Start Time	1:00 PM				
Inspector's Name(s)	Kelly Gra	Kelly Grant						
Inspector's Title(s)	Inspector,	Summit Erosion C	ontrol					
Inspector's Contact Information	n 858-679-2	2100, info@summit	erosion.com					
Inspector's Qualifications	QSP, Ero	sion Control Subco	ntractor					
Describe present phase of construction	Vertical	Construction						
Type of Inspection: Regular Pre-storm ev	ent 🛛 D	uring storm event	Post-sto	orm event				
		Weather Inform	nation					
Has there been a storm event si If yes, provide: Storm Start Date & Time: 1/4/20 .4"		•	□No n (hrs): 31.5 A	pproximate Amount of Precipitation (in);				
Weather at time of this inspecti ☐ Clear			owing	iigh Winds F				
Have any discharges occurred s If yes, describe: It is apparent				ce.				
Are there any discharges at the If yes, describe:	time of inspec	tion? Yes	No					
Site-specific BMPs	A							
ВМР	BMP Installed?	BMP Maintenance	Corrective A	Action Needed and Notes				

	ВМР	BMP Installed?	BMP Maintenance Required?	Corrective Action Needed and Notes
1	Silt Fence	⊠Yes □No	☐ Yes ⊠No	
2	Gravel Bags	⊠Yes □No	✓ Yes	Replace damaged gravel bags by offices on Carmel.
3	Fiber Roll	⊠Yes □No	Yes No	
4	Inlet Protectors	⊠Yes □No	☐ Yes ⊠No	
5	Construction Entrance	⊠Yes □No	☐ Yes ⊠No	
6		Yes No	Yes No	
7	Weather info:	☐Yes ☐No	Yes No	The chance of rain at 90 - 100% chance of rain continues until Friday morning. More than 3" total is now expected to accumulate.
8	BFM	⊠Yes □No	⊠ Yes □No	Re-spray old stockpiles/slopes and spray new, tracked slopes in borrow lot.
9		☐Yes ☐No	Yes No	
10		Yes No	Yes No	

Overall Site Issues

	BMP/activity	Implemented?	Maintenance Required?	Corrective Action Needed and Notes
1	Are all slopes and disturbed areas not actively being worked properly stabilized?	⊠Yes □No	⊠ Yes □No	Re-spray old stockpiles/slopes and spray new, tracked slopes in borrow lot.
2	Are natural resource areas (e.g., streams, wetlands, mature trees, etc.) protected with barriers or similar BMPs?	⊠Yes □No	☐ Yes ⊠No	
3	Are perimeter controls and sediment barriers adequately installed (keyed into substrate) and maintained?	⊠Yes □No	☐ Yes ⊠No	
4	Are discharge points and receiving waters free of any sediment deposits?	⊠Yes □No	☐ Yes ⊠No	
5	Are storm drain inlets properly protected?	⊠Yes □No	☐ Yes ⊠No	
6	Is the construction exit preventing sediment from being tracked into the street?	⊠Yes □No	☐ Yes ⊠No	
7	Is trash/litter from work areas collected and placed in covered dumpsters?	⊠Yes □No	⊠ Yes □No	Cover all trash/recycle Bins
8	Are washout facilities (e.g., paint, stucco, concrete) available, clearly marked, and maintained?	⊠Yes □No	☐ Yes ⊠No	
9	Are vehicle and equipment fueling, cleaning, and maintenance areas free of spills, leaks, or any other deleterious material?	⊠Yes □No	☐ Yes ⊠No	
10	Are materials that are potential stormwater contaminants stored inside or under cover?	⊠Yes □No	☐ Yes ⊠No	
11	Are non-stormwater discharges (e.g., wash water, dewatering) properly controlled?	⊠Yes □No	☐ Yes ⊠No	
12	Surplus BMP's	⊠Yes □No	☐ Yes ⊠No	

	BMP/activity	Implemented?	Maintenance Required?	Corrective Action Needed and Notes
13	SWPPP Documentation and Wall Map	⊠Yes □No	☐ Yes ⊠No	
14		Yes No	Yes No	

Print name and title:	Kelly Grant	CISEC, QSP	Date:	1/6/2016
Signature:	Selly	Mart		

NWS Forecast for: 2 Miles WSW San Marcos CA

Issued by: National Weather Service San Diego, CA

Last Update: 2:54 am PST Jan 6, 2016



Overnight	Wednesday	Wednesday Night	Thursday	Thursday Night	Friday	Friday Night	Saturday	Saturday Night
40%	80%	100%	80%	70%	60%	30%	4	ii ii
Chance Showers	Heavy Rain	Heavy Rain	Showers	Showers Likely	Showers Likely then Chance Showers	Chance Rain	Rain Likely	Rain Likely
Low: 50 °F	High: 57 °F	Low: 50 °F	High: 54 °F	Low: 47 °F	High: 54 °F	Low: 46 °F	High: 58 °F	Low: 50 °F

Flash Flood Watch High Surf Advisory Wind Advisory

Overnight: A 40 percent chance of showers. Mostly cloudy, with a low around 50. West wind around 10 mph.

Wednesday: A chance of showers, then showers and possibly a thunderstorm after 10am. Some of the storms could produce small hail, gusty winds, and heavy rain. High near 57. South wind 5 to 15 mph, with gusts as high as 25 mph. Chance of precipitation is 80%.

lednesday Night: Showers and possibly a thunderstorm. Some of the storms could produce small hail, gusty winds, and heavy rain. Low around 50. Southwest wind 10 to 15 mph, with gusts as high as 20 mph. Chance of precipitation is 100%.

Thursday: Showers and possibly a thunderstorm, mainly before 4pm, then a chance of showers and thunderstorms after 4pm. High near 54. West wind 5 to 10 mph. Chance of precipitation is 80%.

Thursday Night: A chance of showers and thunderstorms, then showers likely after 10pm. Mostly cloudy, with a low around 47. South wind 5 to 10 mph becoming north in the evening. Chance of precipitation is 70%.

Friday: Showers likely, mainly before 10am. Mostly cloudy, with a high near 54. Chance of precipitation is 60%.

Friday Night: A slight chance of showers before 4am, then a chance of rain after 4am. Mostly cloudy, with a low around 46. Chance of precipitation is 30%.

Saturday: Rain likely, mainly after 10am. Mostly cloudy, with a high near 58.

Saturday Night: Rain likely before 10pm, then a chance of showers after 10pm. Mostly cloudy, with a low around 50.

Sunday: A chance of showers, mainly before 10am. Partly sunny, with a high near 59.

Sunday Night: A slight chance of showers. Partly cloudy, with a low around 47.

onday: Mostly sunny, with a high near 60.

Monday Night: Partly cloudy, with a low around 46.

Tuesday: A slight chance of rain. Mostly sunny, with a high near 60.

Search fort

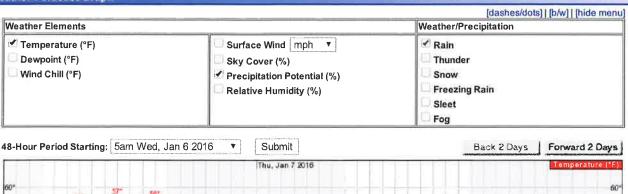


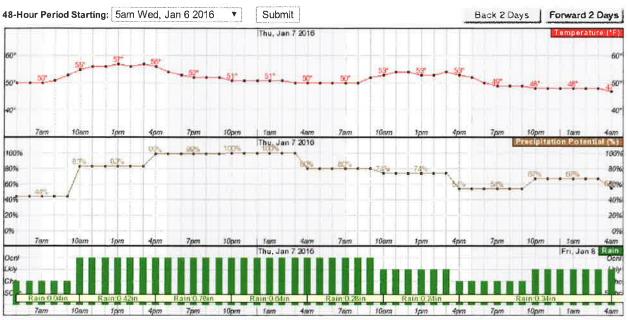
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Point Forecast: 2 Miles WSW San Marcos CA 33.12N 117.21W (Elev. 597 ft)

Last Update: 2:54 am PST Jan 6, 2016









National Weather Service Forecast Office San Diego, CA Organization



Point Forecast: 2 Miles WSW San Marcos CA

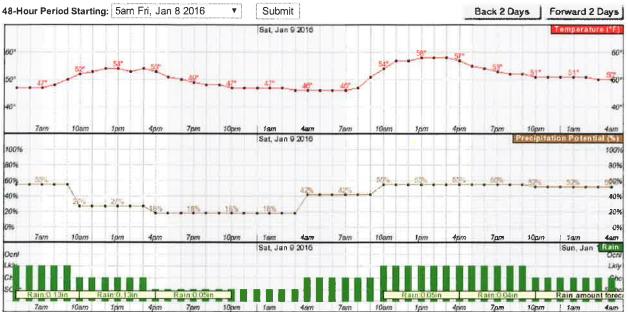
33.12N 117.21W (Elev: 597 ft)

Search for:

NWS AILNOAA GO

Last Update: 2:54 am PST Jan 6, 2016

Hourly Weather Forecast Graph [dashes/dots] [b/w] [hide menu] Weather Elements Weather/Precipitation Temperature (°F) Surface Wind mph ▼ ✓ Rain Dewpoint (°F) Thunder Sky Cover (%) Wind Chill (°F) Precipitation Potential (%) Snow Relative Humidity (%) Freezing Rain Sleet Fog Submit Back 2 Days Forward 2 Days Sat, Jan 9 2016





Stormwater Construction Site Inspection Report

Stormy	vater Construction	Site inspection	i Acport			
General Information						
Project Name	North City Unit 1					
WDID#	9 37C355892	Location	Barham Street, San Marcos, CA			
Date of Inspection	1/7/2016	Start Time	1:50 PM			
Inspector's Name(s)	Kelly Grant					
Inspector's Title(s)	Inspector, Summit Erosion	Control				
Inspector's Contact Information	858-679-2100, info@summ	niterosion.com				
Inspector's Qualifications	QSP, Erosion Control Sub	contractor				
Describe present phase of construction	Vertical Construction					
Type of Inspection: Regular Pre-storm event	□ During storm event	Post-storm	event			
	Weather Info	rmation				
Has there been a storm event since If yes, provide: Storm Start Date & Time: 1/4/2016 @ 2.5"			imate Amount of Precipitation (in):			
Weather at time of this inspection? ☐ Clear ☐ Cloudy ☐ Rain ☐ Sleet ☐ Fog ☐ Snowing ☐ High Winds ☐ Other: Partly Cloudy ☐ Temperature: 55° F						
Have any discharges occurred since the last inspection? \(\subseteq \text{Yes} \) \(\subseteq \text{No} \) If yes, describe: It is apparent that a small amount of discharge has taken place.						
Are there any discharges at the time of inspection? Yes No If yes, describe: The discharge was sampled. The turbidity reading average at the headwall behind the courthouse averaged 234 and the pH averaged 8.1						

Site-specific BMPs

,	BMP	BMP	BMP	Corrective Action Needed and Notes
	DIVIE			Corrective Action Needed and Notes
		Installed?	Maintenance	
			Required?	
1	Silt Fence	⊠Yes □No	☐ Yes ⊠No	
2	Gravel Bags	⊠Yes □No	⊠ Yes □No	Replace damaged gravel bags by offices on Carmel.
3	Fiber Roll	⊠Yes □No	☐ Yes ⊠No	
4	Inlet Protectors	⊠Yes □No	☐ Yes ⊠No	
5	Construction Entrance	⊠Yes □No	☐ Yes ⊠No	
6		☐Yes ☐No	Yes No	
7	Weather info:	☐Yes ☐No	Yes No	The chance of rain at 90 - 100% chance of rain now
				continues until Sunday morning. More than 3" total is
				now expected to accumulate.
8	BFM	⊠Yes □No	✓ Yes	Re-spray old stockpiles/slopes and spray new, tracked
				slopes in borrow lot and place fiber rolls at 10' spacing.
9		☐Yes ☐No	☐ Yes ☐No	
10		☐Yes ☐No	☐ Yes ☐No	

Overall	Site	Issues
---------	------	---------------

	BMP/activity	Implemented?	Maintenance Required?	Corrective Action Needed and Notes
1	Are all slopes and disturbed areas not actively being worked properly stabilized?	□Yes ⊠No	⊠ Yes □No	Re-spray old stockpiles/slopes and spray new, tracked slopes in borrow lot and place fiber rolls at 10' spacing. Construction roads need to be re-established. Inactive areas (ie. the laydown yard by construction office and parkway on Carmel Drive) need to be stabilized.
2	Are natural resource areas (e.g., streams, wetlands, mature trees, etc.) protected with barriers or similar BMPs?	∐Yes ⊠No	⊠ Yes □No	Check Dams needed in borrow lot to reduce velocity of run-off.
3	Are perimeter controls and sediment barriers adequately installed (keyed into substrate) and maintained?	⊠Yes □No	⊠ Yes □No	Perimeter controls needed on all Top-of-Slope perimeter.
4	Are discharge points and receiving waters free of any sediment deposits?	⊠Yes □No	☐ Yes ⊠No	
5	Are storm drain inlets properly protected?	⊠Yes □No	⊠ Yes □No	Maintain inlet protection in Ledcor parking lot.
6	Is the construction exit preventing sediment from being tracked into the street?	⊠Yes □No	⊠ Yes □No	Construction entrance needed at opening in fence at Ledcor's parking lot.
7	Is trash/litter from work areas collected and placed in covered dumpsters?	⊠Yes □No	⊠ Yes □No	Cover all trash/recycle Bins
8	Are washout facilities (e.g., paint, stucco, concrete) available, clearly marked, and maintained?	⊠Yes □No	☐ Yes ⊠No	
9	Are vehicle and equipment fueling, cleaning, and maintenance areas free of spills, leaks, or any other deleterious material?	□Yes ⊠No	⊠ Yes □No	All gas/diesel powered equipment/machinery must have containment beneath them.
10	Are materials that are potential stormwater contaminants stored inside or under cover?	□Yes ⊠No	⊠ Yes □No	Cover all construction material stockpiles
11	Are non-stormwater discharges (e.g., wash water, dewatering) properly controlled?	⊠Yes □No	☐ Yes ⊠No	

	BMP/activity	Implemented?	Maintenance Required?	Corrective Action Needed and Notes
12	Surplus BMP's	⊠Yes □No	☐ Yes ⊠No	
13	SWPPP Documentation and Wall Map	⊠Yes □No	☐ Yes ⊠No	
14		☐Yes ☐No	Yes No	

Print name and title:	Kelly Grant	CISEC, QSP	Date:	1/7/2016
Signature:				

Stormwater Construction Site Inspection Report

			General Intorn	1411011		
Proj	ect Name	North City	Unit 1			
WD	ID#	9 37C35589	92 I	ocation	Barham Street, San Marcos, CA	
Date	of Inspection	1/8/2016	S	tart Time	2:45 PM	
Insp	ector's Name(s)	Kelly Gran	t			
Insp	ector's Title(s)	Inspector, S	Summit Erosion Co	ontrol		
Insp	ector's Contact Information	on 858-679-21	00, info@summite	erosion.com		
Insp	ector's Qualifications	QSP, Erosi	ion Control Subco	ntractor		
	ribe present phase of truction	Vertical C	onstruction			
	e of Inspection: egular Pre-storm e	vent Dur	ring storm event	⊠ Post-sto	orm event	
			Weather Inform	nation		
Storn 3.1" Wea	Has there been a storm event since the last inspection?					
		***** 4h * la ****		•		
	e any discharges occurred s, describe: It is apparent				ce.	
	there any discharges at the s, describe:	e time of inspect	ion? Yes 1	No		
5	Site-specific BMPs					
	ВМР	BMP Installed?	BMP Maintenance Required?	Corrective A	action Needed and Notes	
1	Silt Fence	⊠Yes □No	Yes No			
2	Gravel Bags	Yes No	Yes No	Replace dama	aged gravel bags by offices on Carmel.	
3	Fiber Roll	Yes No	Yes No			
4	Inlet Protectors	Yes No	Yes No			
5	Construction Entrance		☐ Yes ☐ No ☐ Yes ☐ No			
7	Weather info:	Yes No	Yes No			
8	BFM	Yes □No	Yes No		stockpiles/slopes and spray new, tracked row lot and place fiber rolls at 10' spacing.	
9		☐Yes ☐No	☐ Yes ☐ No			
10	-	☐Yes ☐No	Yes No			
(Overall Site Issues		1	1 ~		
	DMD/octivity	Implemented?	Maintonana	I Commonting A	ation Needed and Notes	

Required?

Yes No

☐Yes ⊠No

Re-spray old stockpiles/slopes and spray new, tracked slopes in borrow lot and place fiber rolls at 10' spacing.

Are all slopes and disturbed areas not

	BMP/activity	Implemented?	Maintenance Required?	Corrective Action Needed and Notes
	actively being worked properly stabilized?			Construction roads need to be re-established.
	property submized:			Inactive areas (ie. the laydown yard by construction office and parkway on Carmel Drive) need to be stabilized.
2	Are natural resource areas (e.g., streams, wetlands, mature trees, etc.) protected with barriers or similar BMPs?	□Yes ⊠No	⊠ Yes □No	Check Dams needed in borrow lot to reduce velocity of run-off.
3	Are perimeter controls and sediment barriers adequately installed (keyed into substrate) and maintained?	⊠Yes □No	⊠ Yes □No	Perimeter controls needed on all Top-of-Slope perimeter.
4	Are discharge points and receiving waters free of any sediment deposits?	⊠Yes □No	☐ Yes ⊠No	
5	Are storm drain inlets properly protected?	⊠Yes □No	⊠ Yes □No	Maintain inlet protection in Ledcor parking lot.
6	Is the construction exit preventing sediment from being tracked into the street?	⊠Yes □No	⊠ Yes □No	Construction entrance needed at opening in fence at Ledcor's parking lot.
7	Is trash/litter from work areas collected and placed in covered dumpsters?	⊠Yes □No	⊠ Yes □No	Cover all trash/recycle Bins
8	Are washout facilities (e.g., paint, stucco, concrete) available, clearly marked, and maintained?	⊠Yes □No	☐ Yes ⊠No	
9	Are vehicle and equipment fueling, cleaning, and maintenance areas free of spills, leaks, or any other deleterious material?	□Yes ⊠No	⊠ Yes □No	All gas/diesel powered equipment/machinery must have containment beneath them.
10	Are materials that are potential stormwater contaminants stored inside or under cover?	□Yes ⊠No	⊠ Yes □No	Cover all construction material stockpiles
11	Are non-stormwater discharges (e.g., wash water, dewatering) properly controlled?	⊠Yes □No	☐ Yes ⊠No	
12	Surplus BMP's	⊠Yes □No	☐ Yes ⊠No	

	BMP/activity	Implemented?	Maintenance Required?	Corrective Action Needed and Notes
13	SWPPP Documentation and Wall Map	⊠Yes □No	☐ Yes ⊠No	
14		☐Yes ☐No	☐ Yes ☐No	

Print name and title:	Kelly Grant	CISEC, QSP	Date:	1/8/2016
Signature:				

Stormwater Construction Site Inspection Report

General Information							
Proi	Project Name North City Unit 1						
WD		9 37C35589		Location	Barham Street, San Marcos, CA		
Date of Inspection		1/14/2016		Start Time	8:30AM		
	ector's Name(s)	Kelly Grant		Start Time	0.30AW		
msp	ector's Name(s)	Keny Gram	Kelly Grant				
Incn	ector's Title(s)	Ingnostor S	Inspector, Summit Erosion Control				
	* * *		00, info@summi				
_	ector's Contact Information		, 0				
Insp	ector's Qualifications	QSP, Erosi	QSP, Erosion Control Subcontractor				
	cribe present phase of	Vertical C	onstruction				
cons	truction						
	e of Inspection:						
⊠R	egular Pre-storm e	vent	ring storm event	Post-storn	n event		
			Weather Infor				
	there been a storm event ses, provide:	ince the last insp	ection? UYes	⊠No			
	m Start Date & Time:	Storm D	ouration (hrs):	Approximate A	Amount of Precipitation (in):		
					1		
	ther at time of this inspect Clear Cloudy Ra		☐ Fog ☐ S	novvina 🗆 Hial	a Winds		
	Other: Partly Cloudy	ılıı 🗀 Sieet		nowing	h Winds		
				aperature. e= 1			
	e any discharges occurred	since the last ins	spection?	s 🛛 No			
If ye	es, describe:						
Are	there any discharges at th	e time of inspecti	ion? Yes	No			
	s, describe:	•					
	Site-specific BMPs						
		BMP	BMP	Corrective Act	tion Needed and Notes		
		Installed?	Maintenance	ce			
1	Silt Fence	⊠Yes □No	Required? ☐ Yes ⊠No				
2	Gravel Bags	⊠Yes □No	Yes No	Replace damage	ed gravel bags by offices on Carmel.		
3	Fiber Roll	⊠Yes □No	☐ Yes ⊠No				
4	Inlet Protectors	⊠Yes □No	☐ Yes ⊠No				
5	Construction Entrance	⊠Yes □No	☐ Yes ⊠No				
6	Wastless in Co.	Yes No	Yes No				
7 8	Weather info: BFM	☐Yes ☐No ☐Yes ☐No	☐ Yes ☐ No ☐ Yes ☐ No	De carroy old ste	ockpiles/slopes and spray new, tracked		
	Drw				w lot and place fiber rolls at 10' spacing.		
9		Yes No	Yes No				
10)						
	Overall Site Issues						
	BMP/activity	Implemented?	Maintenance	Corrective Act	tion Needed and Notes		
1	Ano all alamas su I	DV. DV	Required?	Da merci al l	admilar/alan as and sure as a track.		
1	Are all slopes and disturbed areas not	☐Yes ⊠No	⊠ Yes □No		ockpiles/slopes and spray new, tracked w lot and place fiber rolls at 10' spacing.		
	actively being worked				ads need to be re-established.		
	,		ı				

	BMP/activity	Implemented?	Maintenance Required?	Corrective Action Needed and Notes	
	properly stabilized?			Complete Inactive areas stabilization.	
2	Are natural resource areas (e.g., streams, wetlands, mature trees, etc.) protected with barriers or similar BMPs?	☐Yes ⊠No	⊠ Yes □No	Check Dams needed in borrow lot to reduce velocity of run-off.	
3	Are perimeter controls and sediment barriers adequately installed (keyed into substrate) and maintained?	⊠Yes □No	☐ Yes ⊠No		
4	Are discharge points and receiving waters free of any sediment deposits?	⊠Yes □No	☐ Yes ⊠No		
5	Are storm drain inlets properly protected?	⊠Yes □No	⊠ Yes □No	Maintain inlet protection in Ledcor parking lot (replace filter fabric)	
6	Is the construction exit preventing sediment from being tracked into the street?	⊠Yes □No	☐ Yes ⊠No		
7	Is trash/litter from work areas collected and placed in covered dumpsters?	⊠Yes □No	⊠ Yes □No	Cover all trash/recycle Bins	
8	Are washout facilities (e.g., paint, stucco, concrete) available, clearly marked, and maintained?	⊠Yes □No	☐ Yes ⊠No		
9	Are vehicle and equipment fueling, cleaning, and maintenance areas free of spills, leaks, or any other deleterious material?	∏Yes ⊠No	⊠ Yes □No	All gas/diesel powered equipment/machinery must have containment beneath them. Construction Traffic Routes need to be stabilized.	
10	Are materials that are potential stormwater contaminants stored inside or under cover?	□Yes ⊠No	⊠ Yes □No	Cover all construction material stockpiles	
11	Are non-stormwater discharges (e.g., wash water, dewatering) properly controlled?	⊠Yes □No	☐ Yes ⊠No		
12	Surplus BMP's	⊠Yes □No	☐ Yes ⊠No		
13	SWPPP Documentation and Wall Map	⊠Yes □No	☐ Yes ⊠No		

I		BMP/activity	Implemented?	Maintenance	Corrective Action Needed and Notes
				Required?	
Ī	14		☐Yes ☐No	Yes No	

Print name and title:	Kelly Grant	CISEC, QSP	Date:	1/14/2016
Signature:				