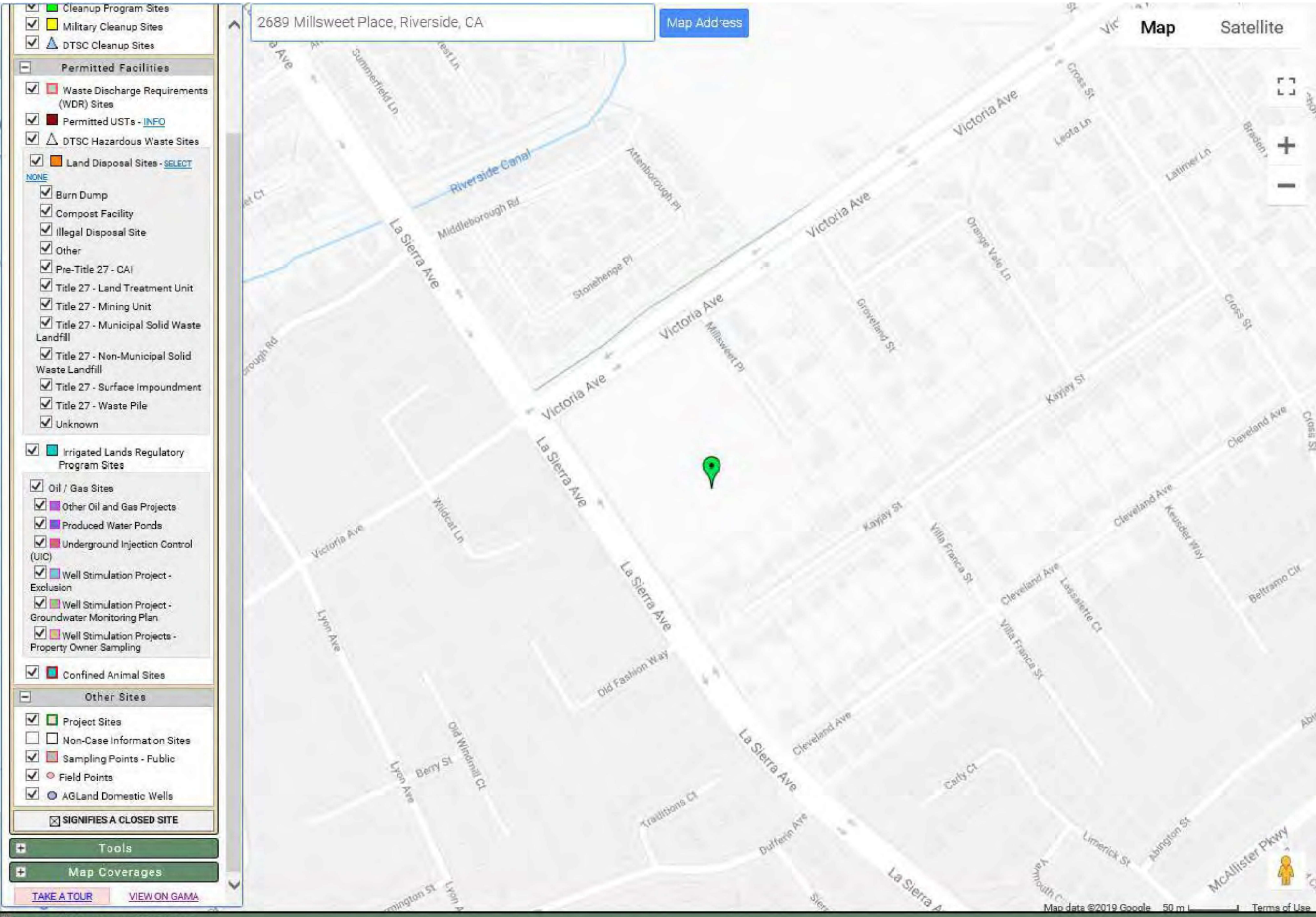
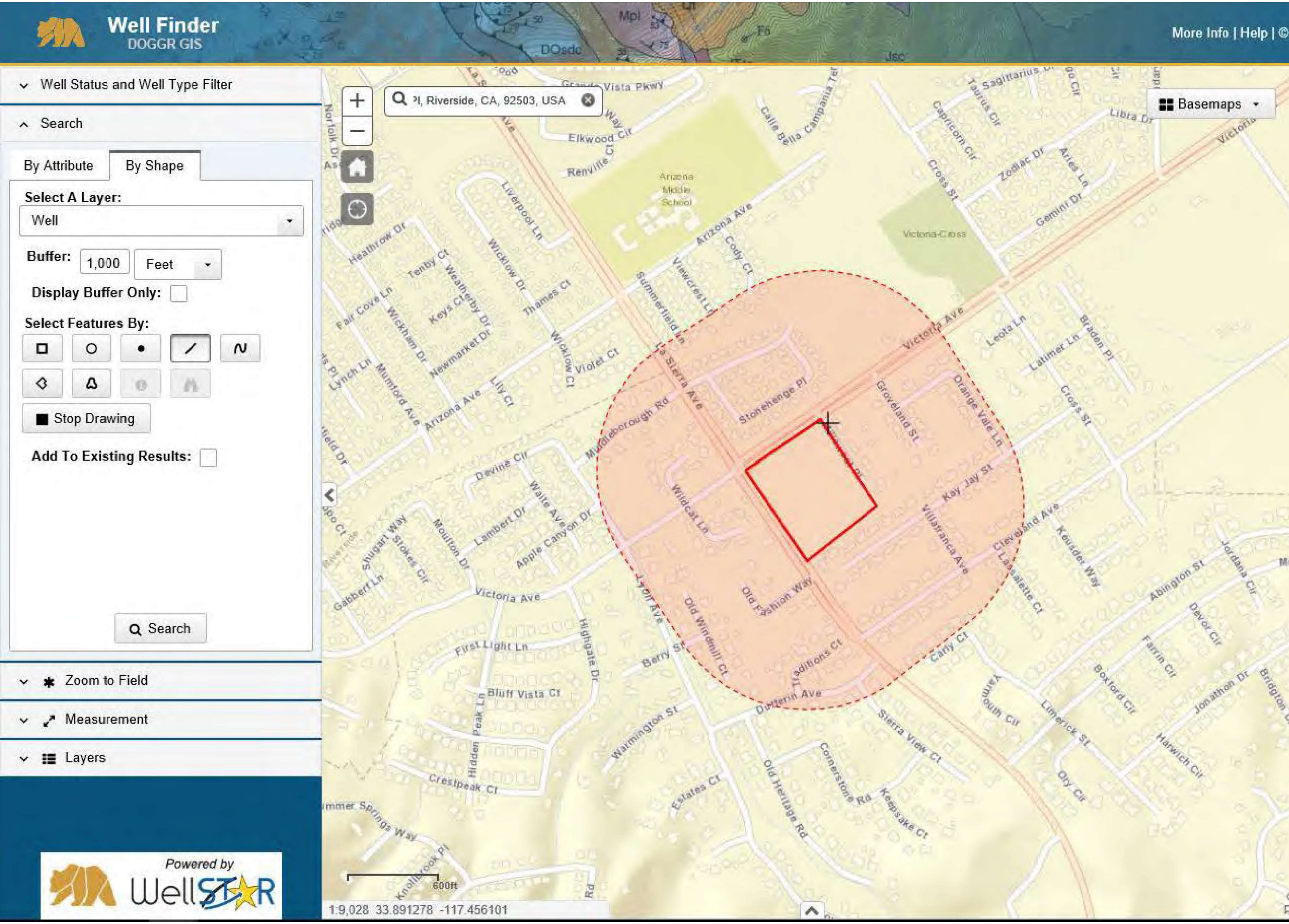


SITES FOUND IN SEARCH RADIUS


Well Finder
DOGGR GIS
More Info | Help | ©
Well Status and Well Type Filter
Search
By Attribute
By Shape
Select A Layer:
Well
Buffer:
1,000
Feet
Display Buffer Only:
Select Features By:
Stop Drawing
Add To Existing Results:
Search
Zoom to Field
Measurement
Layers
Powered by
WellSTAR
Pl, Riverside, CA, 92503, USA
Basemaps
Arizona Middle School
Victoria-Cross
Victoria Ave
La Sierra Ave
Arizona Ave
Stonehenge Pl
Groveland St
Orange Vale Ln
Kay Jay St
Villafranca Ave
Cleveland Ave
Lassalette Ct
Wildcat Ln
Old Fashion Way
Old Windmill Ct
Traditions Ct
Dufferin Ave
Lyon Ave
Berry St
Middleborough Rd
Summerfield Ln
Viewcrest Ln
Cody Ct
Cross St
Leota Ln
Latimer Ln
Braden Pl
Carty Ct
Sierra View Ct
Yarmouth Cir
Limerick St
Old Heritage Rd
Cornerstone Rd
Keepsake Ct
Estates Ct
Warmington St
Highgate Dr
First Light Ln
Bluff Vista Ct
Hidden Peak Ln
Crestpeak Ct
Apple Canyon Dr
Waite Ave
Lambert Dr
Devine Cir
Moulton Dr
Stokes Cir
Shugart Way
Gabbert Ln
Violet Ct
Lily Ct
Wicklow Ct
Wicklow Dr
Thames Ct
Liverpool Ln
Newmarket Dr
Weatherby Dr
Keys Ct
Tenby Ct
Heathrow Dr
Wickham Dr
Fair Cove Ln
Mumford Ave
Lynch Ln
Elkwood Cir
Renville Ct
Calle Bella Campania Ter
Grande Vista Pkwy
Capricorn Cir
Taurus Cir
Zodiac Dr
Aries Ln
Gemini Dr
Libra Dr
Keusder Way
Abington St
Jordana Cir
Devor Cir
Farrin Cir
Boxford Cir
Jonathon Dr
Harwich Cir
Bridgton Cir
Ory Cir
600ft
1:9,028 33.891278 -117.456101

Property Location

Site Name:

Address: (not reported)

City: Riverside

State: California

ZIP Code: 92503

SEARCH

Coordinates: Decimal Degrees

Latitude: 33.88751

Longitude: -117.461781

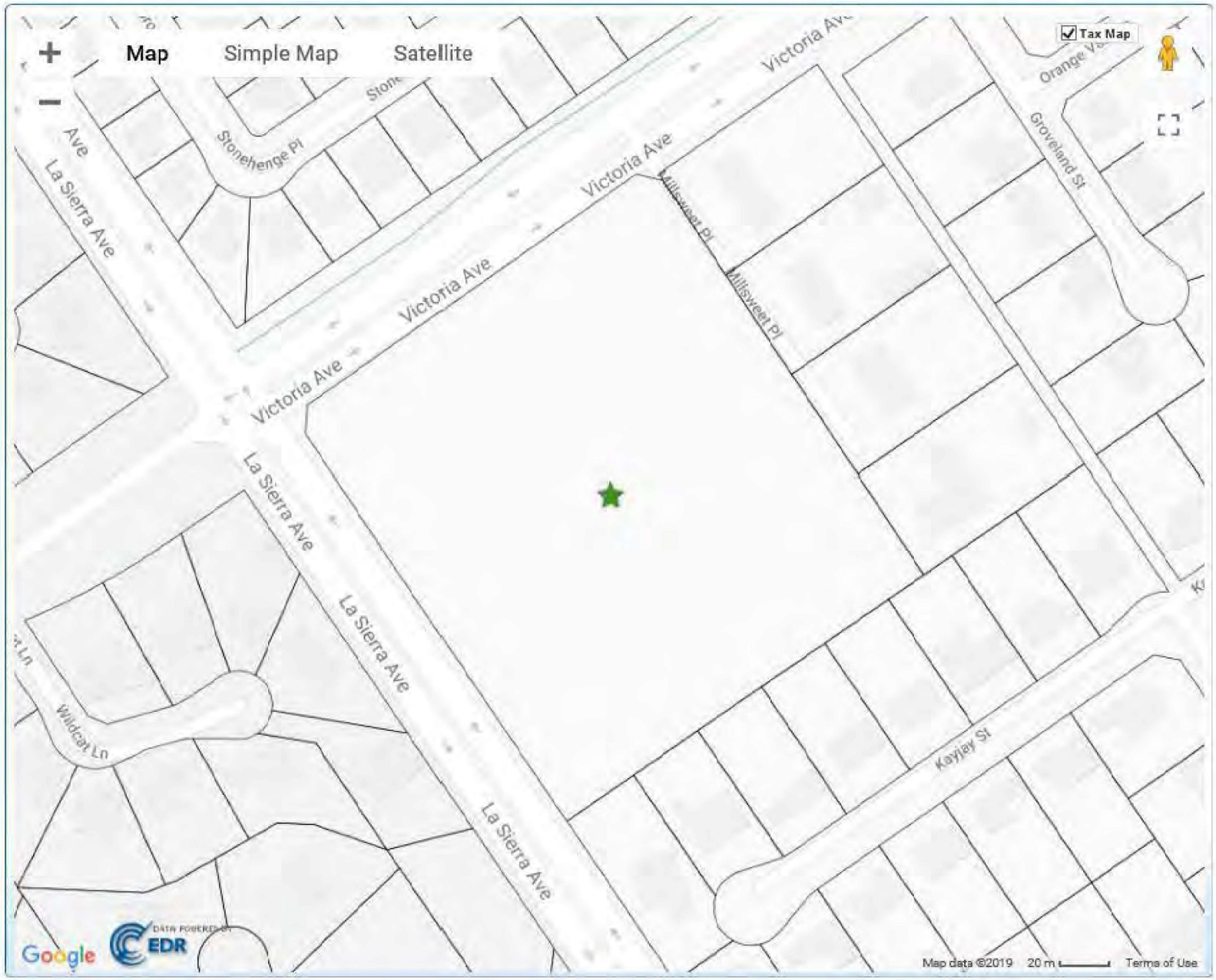
SEARCH

FIND BY TAX ID

Draw Property Boundary

DRAW

CONTINUE >>



U.S. Fish and Wildlife Service
National Wetlands Inventory

Wetlands

December 2, 2019

Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland
- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond
- Lake
- Other
- Riverine

This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

Corbet, Lauren

From: Corbet, Lauren
Sent: Monday, December 2, 2019 10:02 AM
To: FileReview8@waterboards.ca.gov
Subject: Public Records Request

Hello,

This firm is performing a Phase I Environmental Site Assessment for the property located at the following addresses:

Southeast Corner of Victoria Ave. and La Sierra Ave., Riverside, CA 92503

We are requesting any information from your department pertaining to the above property.

Please feel free to contact Kevin Ballesteros with any questions or concerns at 310-854-6300 or kevin.ballesteros@efiglobal.com. Thank you for your assistance with this information.

Regards,

Lauren Corbet | Environmental Specialist
EFI Global, Inc.
Los Angeles, CA
DIRECT 310.854.6300 | FAX 310.854.0199
CELL: 323.326.6124 | EMAIL: lauren.corbet@efiglobal.com
CSLB License #: 885902
www.efiglobal.com | Caring counts®

Ballesteros, Kevin EFI

From: Corbet, Lauren
Sent: Tuesday, December 10, 2019 12:25 PM
To: Ballesteros, Kevin EFI
Subject: FW: Public Records Request

Follow Up Flag: Follow up
Flag Status: Flagged

Categories: Client Respond

045.02270

Hi Kevin,

Let me know if I should reply to the below email saying that the property is vacant and has no physical address associated with it.

Regards,

Lauren Corbet | Environmental Specialist
EFI Global, Inc.
Los Angeles, CA
DIRECT 310.854.6300 | FAX 310.854.0199
CELL: 323.326.6124 | EMAIL: lauren.corbet@efiglobal.com
CSLB License #: 885902
www.efiglobal.com | Caring counts®

From: WB-RB8-FileReview8 <FileReview8@waterboards.ca.gov>
Sent: Tuesday, December 10, 2019 12:21 PM
To: Corbet, Lauren <Lauren.Corbet@EFIGLOBAL.com>
Subject: RE: Public Records Request

Good afternoon,

Unfortunately, we do not use APN numbers or cross streets to maintain our files. We only use facility names and/or physical address numbers to locate files. If you can provide a numerical address or facility name, we can carry out your request.

If we can be of further assistance, please do not hesitate to contact us again.

Thank you,
File Review Desk
3737 Main St. Suite 500
Riverside, CA 92501

From: Corbet, Lauren <Lauren.Corbet@EFIGLOBAL.com>
Sent: Monday, December 2, 2019 10:02 AM

To: WB-RB8-FileReview8 <FileReview8@waterboards.ca.gov>
Subject: Public Records Request

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Los Angeles, CA
DIRECT 310.854.6300 | FAX 310.854.0199
CELL: 323.326.6124 | EMAIL: lauren.corbet@efiglobal.com
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www.efiglobal.com | Caring counts®

State of California
STATE WATER RESOURCES CONTROL BOARD

2018 - 2019

ANNUAL REPORT

FOR
STORM WATER DISCHARGES ASSOCIATED
WITH CONSTRUCTION ACTIVITIES

Reporting Period July 1, 2018 **through June 30,** 2019

In compliance with the Construction General Permit (CGP) an annual report is required to be submitted electronically via SMARTS by September 1 of each year. This document must be certified and signed, under penalty of perjury, by the appropriate official of your company.

If you have any questions, please contact your Regional Board Storm Water Permit Contact. The names, telephone numbers and e-mail addresses of the Regional Board contacts, as well as the Regional Board office addresses can be found at: ***http://www.waterboards.ca.gov/water_issues/programs/stormwater/contact.shtml***
To find your Regional Board information, match the first digit of your WDID number with the corresponding number that appears in parenthesis on the first line of each Regional Board office.

GENERAL INFORMATION:

A. *Property Owner Information:*

Site WDID No: 8 33C379764

Owner's Name: La Sierra VIctoria Development LLC
Contact Person: Hitesh Patel
Physical Address: 19215 wild mustang court
e-mail: development@westcoasthotelsgroup.com
City: apple valley
CA Zip: 92307 Phone: 760-963-3475

B. *Site Information:*

Site Name: TTM 36713
Contact Person: Hitesh Patel
Mailing Address: Intersection of La Sierra Ave and Victoria Ave
e-mail: development@westcoasthotelsgroup.com
City: Riverside
State: CA Zip: 92503 Phone: 760-963-3475

C. *General Information:*

Was Construction active for three months or longer within this annual reporting period?: No

Explanation:
still in plan check

Certification:

Name: Hitesh Patel
Date: 2019-08-15 13:01:29.711
Title: Managing Member

State of California
STATE WATER RESOURCES CONTROL BOARD

2017 - 2018

ANNUAL REPORT

FOR
STORM WATER DISCHARGES ASSOCIATED
WITH CONSTRUCTION ACTIVITIES

Reporting Period July 1, 2017 **through June 30,** 2018

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Contact Person: Hitesh Patel
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e-mail: development@westcoasthotelsgroup.com
City: apple valley
CA Zip: 92307 Phone: 760-963-3475

B. *Site Information:*

Site Name: TTM 36713
Contact Person: Hitesh Patel
Mailing Address: Intersection of La Sierra Ave and Victoria Ave
e-mail: development@westcoasthotelsgroup.com
City: Riverside
State: CA Zip: 92503 Phone: 760-963-3475

C. *General Information:*

Was Construction active for three months or longer within this annual reporting period?: No

Explanation:
Still in plan check

Certification:

Name: Hitesh Patel
Date: 2018-08-22 11:08:51.052
Title: Managing Member

State Water Resources Control Board

NOTICE OF INTENT

GENERAL PERMIT TO DISCHARGE STORM WATER
ASSOCIATED WITH CONSTRUCTION ACTIVITY
(WQ ORDER No. 2009-0009-DWQ)

WDID: **Risk Level:** Level1

Property Owner Information

Type: Private Business

Name: La Sierra VIctoria Development LLC
Address: 19215 wild mustang court
Address 2:
City/State/Zip: apple valley CA 92307
Contact Name: Hitesh Patel
Title: Managing Member
Phone Number: 760-963-3475
Email Address: development@westcoasthotelsgroup.com

Contractor/Developer Information

Name: La Sierra VIctoria Development LLC
Address: 19215 wild mustang court
Address 2:
City/State/Zip: apple valley CA 92307
Contact Name: Hitesh Patel
Title: Managing Member
Phone Number: 760-963-3475
Email Address: development@westcoasthotelsgroup.com

Construction Site Information

Contact Name: Hitesh Patel
Title: Managing Member
Site Name: TTM 36713
Address: Intersection of La Sierra Ave and Victoria Ave
City/State/Zip: Riverside CA 92503
Site Phone #: 760-963-3475
County: Riverside
Email Address: development@westcoasthotelsgroup.com
Latitude: 33.887564
Longitude: -117.46214
Construction Start: October 01, 2018
Total Size of Construction Area: 8.81 Acres
Complete Grading: October 01, 2018
Total Area to be Disturbed: 8.81 Acres
Final Stabilization: October 01, 2019

Risk Values

R: 28.88
K: 0.24
LS: 1.25
Beneficial Uses/303(d): No

Type of Construction: *Residential
Receiving Water: Santa Ana River
Qualified SWPPP Developer: Sam Akbarpour

RWQCB Jurisdiction: Region 8 - Santa Ana
Phone: 951-782-4130
Email: r8_stormwater@waterboards.ca.gov

Certification

Certification #: 23412

Name: Hitesh Patel
Date: May 09, 2017
Title: Managing Member

Attachments Meta Data Information:

Attachment ID	File Name	File Description	File Hash	File Size	Date Attached	Attachment Type
1913710	RISK	RISK	18bcf507620bc251bf349b5c4b02d75fe20be80dfc4d9b1686d31c6211c1	23040	2017-04-26 15:23:55.0	Laboratory Results
1913785	ARIAL	ARIAL	4cd1b1fe6fe934424cb13bd834a4e40a49cd1983e54986868840cedb6181d6	1262923	2017-04-26 16:36:51.0	Photograph
1913786	RISK	RISK	18bcf507620bc251bf349b5c4b02d75fe20be80dfc4d9b1686d31c6211c1	23040	2017-04-26 16:36:51.0	Laboratory Results
1913787	WPCD 1	WPCD 1	a35c61628d63fa7c559f7471bb92238b9b6b2784d2bcfc5d6565866135904f	143251	2017-04-26 16:36:53.0	Facility/Site Map
1913788	WPCD 2	WPCD 2	b1caf4b222c8401296adace06c678cd5252431f551101baee887188735a3aac1	136491	2017-04-26 16:36:54.0	Facility/Site Map
1913789	WPCD 3	WPCD 3	745193955a74aa8f85fd7096ca30b6159873a5a95246e11dedb9e9bd642d3a	115021	2017-04-26 16:36:55.0	Facility/Site Map
1913790	WPCD 4	WPCD 4	58c7a27bb0d5734164a077bf21a384264719ce89fb846cd5e43dc64ba4ecbd3	123015	2017-04-26 16:36:57.0	Facility/Site Map
1913791	SWPPP	SWPPP	9dbcadead771eb74deab5cdc133e308d4b7af78dc1f94d5b8123232fe43b8be	784006	2017-04-26 16:37:04.0	SWPPP
1913792	ARIAL	ARIAL	4cd1b1fe6fe934424cb13bd834a4e40a49cd1983e54986868840cedb6181d6	1262923	2017-04-26 16:38:16.0	Facility/Site Map
1913793	VICINITY MAP	VICINTY MAP	8bbfd460df6c32ed4f367ba8a6f3ecf327944b05ea787208eea5a1255f46	24736	2017-04-26 16:38:17.0	Facility/Site Map
1914515	NOI Fee Statement pdf			1058353	2017-04-27 18:27:49.0	Fee Statement PDF

April 27, 2017

Fee Statement
Application Id # 485872

Facility/Site
TTM 36713
Intersection of La Sierra Ave
Riverside CA 92503

Thank you for submitting Permit Registration Documents (PRDs) for the facility/site referenced above. The application fee for this submittal is $909.00

Please note the application fee is due upon submittal of the PRDs. Permit coverage begins on receipt of payment and a WDID number is assigned. If payment is not received within 60 days the application will be automatically returned as incomplete.

Please make checks payable to: SWRCB

Mail this Fee Statement and $909.00 to:

Regular Mailing Address:
SWRCB
Storm Water Section
PO Box 1977
Sacramento, CA 95812-1977

Overnight Mailing Address:
SWRCB
Storm Water Section
1001 I Street – 15th Floor
Sacramento, CA 95814

If you have questions or want to check on the status of the application, email us at stormwater@waterboards.ca.gov or call 1-866-563-3107.

Thank You,
Storm Water Help Desk

May 09, 2017

Fee Statement
Application Id # 485872

Facility/Site
TTM 36713
Intersection of La Sierra Ave
Riverside CA 92503

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Storm Water Section
PO Box 1977
Sacramento, CA 95812-1977

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SWRCB
Storm Water Section
1001 I Street – 15th Floor
Sacramento, CA 95814

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Thank You,
Storm Water Help Desk

State of California
STATE WATER RESOURCES CONTROL BOARD

2016 - 2017

ANNUAL REPORT

FOR
STORM WATER DISCHARGES ASSOCIATED
WITH CONSTRUCTION ACTIVITIES

Reporting Period July 1, 2016 **through June 30,** 2017

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A. *Property Owner Information:*

Site WDID No: 8 33C379764

Owner's Name: La Sierra VIctoria Development LLC
Contact Person: Hitesh Patel
Physical Address: 19215 wild mustang court
e-mail: development@westcoasthotelsgroup.com
City: apple valley
CA Zip: 92307 Phone: 760-963-3475

B. *Site Information:*

Site Name: TTM 36713
Contact Person: Hitesh Patel
Mailing Address: Intersection of La Sierra Ave and Victoria Ave
e-mail: development@westcoasthotelsgroup.com
City: Riverside
State: CA Zip: 92503 Phone: 760-963-3475

C. *General Information:*

Was Construction active for three months or longer within this annual reporting period?: No

Explanation:
Plans are in plan check

Certification:

Name: Hitesh Patel
Date: 2017-08-02 16:43:02.297
Title: Managing Member

BEST MANAGEMENT PRACTICES

EROSION CONTROL BMP'S

BMP NO.	BMP	CONSIDERED FOR PROJECT	USED	NOT USED	NOTES
EC-1	SCHEDULING	X	X		
EC-2	PRESERVATION OF EXISTING VEGETATION			X	NOT REQ'D FOR PROJECT
EC-3	HYDRAULIC MULCH			X	NOT REQ'D FOR PROJECT
EC-4	HYDROSEED			X	NOT REQ'D FOR PROJECT
EC-5	SOIL BINDERS			X	NOT REQ'D FOR PROJECT
EC-6	STRAW MULCH			X	NOT REQ'D FOR PROJECT
EC-7	GEOTEXTILES AND MATS			X	NOT REQ'D FOR PROJECT
EC-8	WOOD MULCHING			X	NOT REQ'D FOR PROJECT
EC-9	EARTH DIKE AND DRAINAGE SWALES			X	NOT REQ'D FOR PROJECT
EC-10	VELOCITY DISSIPATION DEVICES			X	NOT REQ'D FOR PROJECT
EC-11	SLOPE DRAINS			X	NOT REQ'D FOR PROJECT
EC-12	STREAM BANK STABILIZATION			X	NOT REQ'D FOR PROJECT
EC-14	COMPOST BLANKETS			X	NOT REQ'D FOR PROJECT
EC-15	SOIL PREPARATION-ROUGHENING			X	NOT REQ'D FOR PROJECT
EC-16	NON-VEGETATED STABILIZATION			X	NOT REQ'D FOR PROJECT

WASTE MANAGEMENT AND MATERIALS POLLUTION CONTROL BMP'S

BMP NO.	BMP	CONSIDERED FOR PROJECT	USED	NOT USED	NOTES
WM-1	MATERIAL DELIVERY AND STORAGE			X	NOT REQ'D FOR PROJECT
WM-2	MATERIAL USE			X	NOT REQ'D FOR PROJECT
WM-3	STOCKPILE MANAGEMENT			X	NOT REQ'D FOR PROJECT
WM-4	SPILL PREVENTION AND CONTROL			X	NOT REQ'D FOR PROJECT
WM-5	SOLID WASTE MANAGEMENT			X	NOT REQ'D FOR PROJECT
WM-6	HAZARDOUS WASTE MANAGEMENT			X	NOT REQ'D FOR PROJECT
WM-7	CONTAMINATED SOIL MANAGEMENT			X	NOT REQ'D FOR PROJECT
WM-8	CONCRETE WASTE MANAGEMENT			X	NOT REQ'D FOR PROJECT
WM-9	SANITARY-SEPTIC WASTE MANAGEMENT			X	NOT REQ'D FOR PROJECT
WM-10	LIQUID WASTE MANAGEMENT			X	NOT REQ'D FOR PROJECT

TEMPORARY TRACKING CONTROL BMP'S

BMP NO.	BMP	CONSIDERED FOR PROJECT	USED	NOT USED	NOTES
TC-1	STABILIZED CONSTRUCTION ENTRANCE/EXIT	X	X		
TC-2	STABILIZED CONSTRUCTION ROADWAY			X	NOT REQ'D FOR PROJECT
TC-3	ENTRANCE OUTLET TIRE WASH			X	NOT REQ'D FOR PROJECT

NON-STORM WATER MANAGEMENT BMP'S

BMP NO.	BMP	CONSIDERED FOR PROJECT	USED	NOT USED	NOTES
NS-1	WATER CONSERVATION PRACTICES			X	NOT REQ'D FOR PROJECT
NS-2	DEWATERING OPERATION			X	NOT REQ'D FOR PROJECT
NS-3	PAVING AND GRINDING OPERATION			X	NOT REQ'D FOR PROJECT
NS-4	TEMPORARY STREAM CROSSING			X	NOT REQ'D FOR PROJECT
NS-5	CLEAR WATER DIVERSION			X	NOT REQ'D FOR PROJECT
NS-6	ILLICIT CONNECTION/DISCHARGE			X	NOT REQ'D FOR PROJECT
NS-7	POTABLE WATER/IRRIGATION			X	NOT REQ'D FOR PROJECT
NS-8	VEHICLE AND EQUIPMENT CLEANING			X	NOT REQ'D FOR PROJECT
NS-9	VEHICLE AND EQUIPMENT FUELING			X	NOT REQ'D FOR PROJECT
NS-10	VEHICLE AND EQUIPMENT MAINTENANCE			X	NOT REQ'D FOR PROJECT
NS-11	PILE DRIVING OPERATION			X	NOT REQ'D FOR PROJECT
NS-12	CONCRETE CURING			X	NOT REQ'D FOR PROJECT
NS-13	CONCRETE FINISHING			X	NOT REQ'D FOR PROJECT
NS-14	MATERIAL OVER WATER			X	NOT REQ'D FOR PROJECT
NS-15	DEMOLITION ADJACENT TO WATER			X	NOT REQ'D FOR PROJECT
NS-16	TEMPORARY BATCH PLANTS			X	NOT REQ'D FOR PROJECT

WIND EROSION CONTROL BMP'S

BMP NO.	BMP	CONSIDERED FOR PROJECT	USED	NOT USED	NOTES
WE-1	WIND EROSION CONTROL			X	NOT REQ'D FOR PROJECT

SEDIMENT CONTROL BMP'S

BMP NO.	BMP	CONSIDERED FOR PROJECT	USED	NOT USED	NOTES
SE-1	SILT FENCE			X	NOT REQ'D FOR PROJECT
SE-2	SEDIMENT BASIN			X	NOT REQ'D FOR PROJECT
SE-3	SEDIMENT TRAP			X	NOT REQ'D FOR PROJECT
SE-4	CHECK DAMS			X	NOT REQ'D FOR PROJECT
SE-5	FIBER ROLLS			X	NOT REQ'D FOR PROJECT
SE-6	GRAVEL BAG BERM			X	NOT REQ'D FOR PROJECT
SE-7	STREET SWEEPING	X	X		
SE-8	SANDBAG BARRIER	X	X		
SE-9	STRAW BALE BARRIER			X	NOT REQ'D FOR PROJECT
SE-10	STORM DRAIN INLET PROTECTION	X	X		
SE-11	ATS			X	NOT REQ'D FOR PROJECT
SE-12	TEMPORARY SILT DIKE			X	NOT REQ'D FOR PROJECT
SE-13	COMPOST SOCK AND BERM			X	NOT REQ'D FOR PROJECT
SE-14	BIOFILTER BAGS	X	X		

REV.	REVISION DESCRIPTION	BY	DATE
	REVISIONS		

DESIGNED BY: SA
DRAWN BY: JAC
CHECKED BY: SA

DWG. NO.	TITLE
	REFERENCE DWG.

SAKE ENGINEERS, INC.
www.sakeengineers.com
ENGINEERING ● SURVEYING ● LAND DEVELOPMENT
400 S. RAMONA AVE., STE. 202
CORONA, CALIFORNIA 92879
(951) 279-4041 FAX: (951) 279-2830

REGISTERED PROFESSIONAL ENGINEER SAM AKBARZADEH C053038 Exp. 6/30/17 CIVIL STATE OF CALIFORNIA

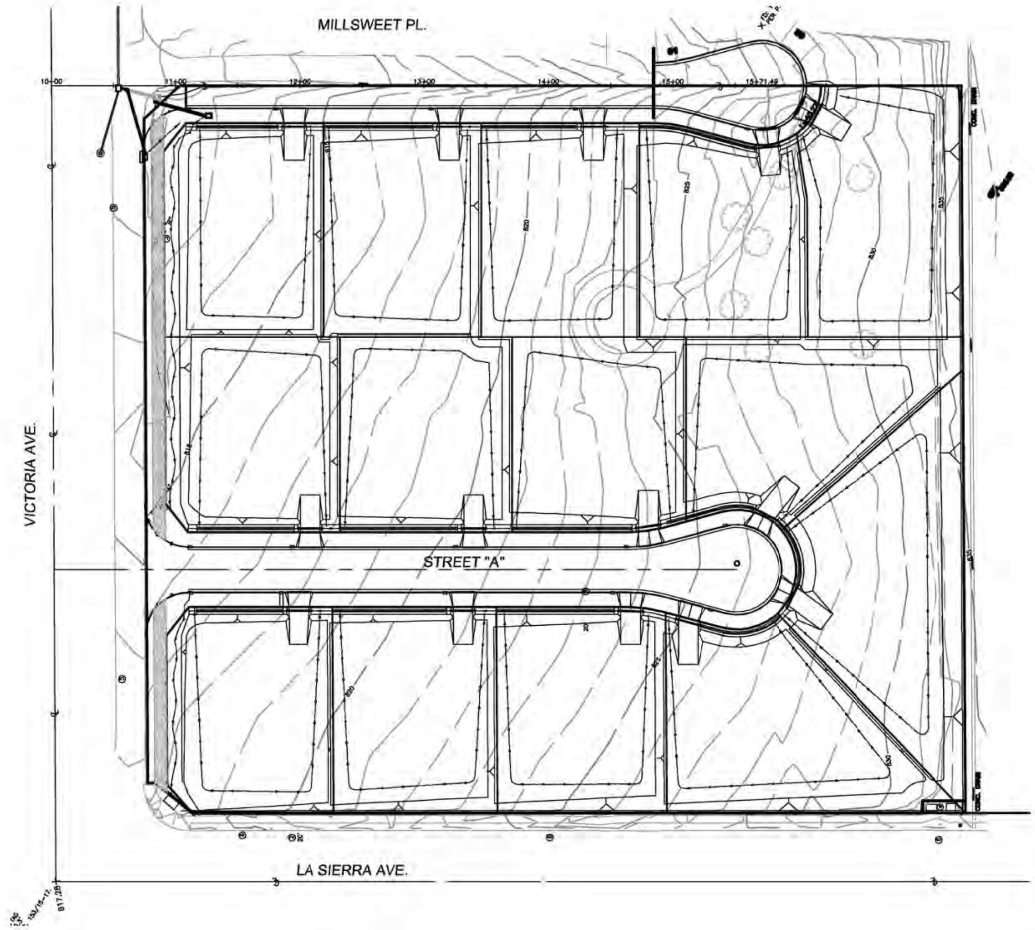
BEST MANAGEMENT PRACTICES

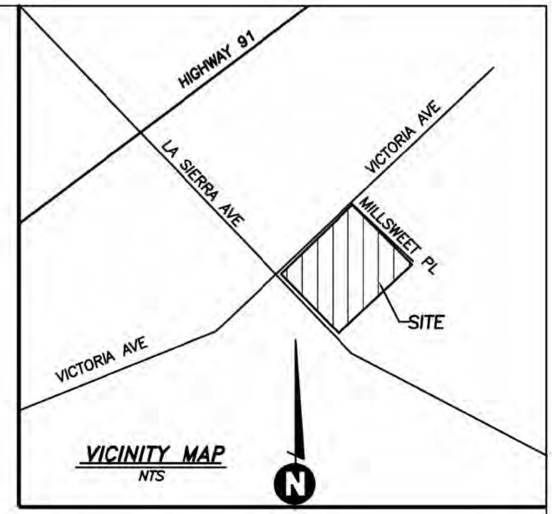
TTM 36713

FILE NO.

DWG. NO.

WATER POLLUTION CONTROL DRAWINGS FOR TTM 36713





OWNER/DEVELOPER:

LA SIERRA VICTORIA DEVELOPMENT LLC
HITESH PATEL
19215 WILD MUSTANG CT.
APPLE VALLEY, CA 92307
(760) 963-3475 PH.

PREPARED BY:

SAKE ENGINEERS INC.
400 S. RAMONA AVE. STE. 202
CORONA, CA 92879
(951) 279-4041 PH.
(951) 279-2830 FAX

ASSESSOR PARCEL NUMBER:

136-220-016

REFERENCE DRAWING LIST:

DWG. NO.	TITLE
GENERAL:	
PG. 1	LOCATION MAP, VICINITY MAP, AND DRAWING LIST
PG. 2	BEST MANAGEMENT PRACTICES
DRAINAGE:	
DWG. NO.	TITLE
PG. 3	DRAINAGE PLAN
WATER POLLUTION CONTROL:	
DWG. NO.	TITLE
PG. 4	SITE PLAN

GRAPHIC SCALE
1 inch = 100ft.

REV.	REVISION DESCRIPTION	BY	DATE		DWG. NO.	TITLE
				DESIGNED BY: SA		
				DRAWN BY: JAC		
	REVISIONS			CHECKED BY: SA		REFERENCE DWG.

SAKE ENGINEERS, INC.
www.sakeengineers.com
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400 S. RAMONA AVE., STE. 202
CORONA, CALIFORNIA 92879
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WATER POLLUTION CONTROL DRAWINGS
TTM 36713

FILE NO.
DWG. NO.
SHEET 1 OF 4

STORMWATER POLLUTION PREVENTION PLAN

for

[TTM 36713]

RISK LEVEL ***1***

Legally Responsible Person [LRP):

[La Sierra Victoria Development LLC]
[19215 Wild Mustang Ct. Apple Valley, CA 92307]
[Hitesh Patel]
[760-963-3475]

Approved Signatory:

[Hitesh Patel]
[760-963-3475]

Prepared for: [Hitesh Patel]
[La Sierra Victoria Development LLC]
[19215 Wild Mustang Ct. Apple Valley, CA 92307]

Project Address:

[Intersection of La Sierra Ave & Victoria Ave.]

SWPPP Prepared by:

[Sake Engineers Inc.]
[400 S. Ramona Ave. Ste. 202 Corona, Ca 92879]
[Sam Akbarpour]

SWPPP Preparation Date

[4-25-2017]

Estimated Project Dates:

Start of Construction	**10-1-2018**	Completion of Construction	**10-1-2019**

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Qualified SWPPP Developer

Approval and Certification of the Stormwater Pollution Prevention Plan

Project Name: *TTM 36713*

Project Number/ID [if applicable]

"This Stormwater Pollution Prevention Plan and Attachments were prepared under my direction to meet the requirements of the California Construction General Permit (SWRCB Orders No. 2009-009-DWQ as amended by Order 2010-0014-DWQ). I certify that I am a Qualified SWPPP Developer in good standing as of the date signed below."

QSD Signature	*Date*
Sam Akbarpour	23412
QSD Name	*QSD Certificate Number*
Civil Engineer	(951) 279-4041
Title and Affiliation	*Telephone Number*
Sam@SakeEngineers.com	
Email	

Legally Responsible Person

Approval and Certification of the Stormwater Pollution Prevention Plan

Project Name: TTM 36713

Project Number/ID [if applicable]

"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 gather and evaluate 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, to the best of my knowledge and belief, the information submitted is, 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."

Legally Responsible Person [if organization]

Signature of [Authorized Representative of] Legally Responsible Person or Approved Signatory

Date

Name of [Authorized Representative of] Legally Responsible Person or Approved Signatory

Telephone Number

Amendment Log

Project Name: TTM 36713

Project Number/ID [if applicable]

Amendment No.	Date	Brief Description of Amendment, include section and page number	Prepared and Approved By
			Name: QSD#
			Name: QSD#
			Name: QSD#
			Name: QSD#
			Name: QSD#
			Name: QSD#
			Name: QSD#
			Name: QSD#
			Name: QSD#

Section 1 SWPPP Requirements

1.1 INTRODUCTION

The [TTM 36713] project comprises approximately [8.81 acres] and is located [intersection of La Sierra Ave. & Victoria Ave.] in [Riverside], California. The property is owned by [La Sierra Victoria Development LLC] and is being developed by [La Sierra Victoria Development LLC]. The projects location is shown on the Site Map in Appendix B.

This Stormwater Pollution Prevention Plan (SWPPP) is designed to comply with California's General Permit for Stormwater Discharges Associated with Construction and Land Disturbance Activities (General Permit) Order No. 2009-0009-DWQ as amended by Order No. 2010-0014-DWQ (NPDES No. CAS000002) issued by the State Water Resources Control Board (State Water Board). This SWPPP has been prepared following the SWPPP Template provided on the California Stormwater Quality Association Stormwater *Best Management Practice Handbook Portal: Construction* (CASQA, 2010). In accordance with the General Permit, Section XIV, this SWPPP is designed to address the following:

- Pollutants and their sources, including sources of sediment associated with construction, construction site erosion and other activities associated with construction activity are controlled;
- Where not otherwise required to be under a Regional Water Quality Control Board (Regional Water Board) permit, all non-stormwater discharges are identified and either eliminated, controlled, or treated;
- Site BMPs are effective and result in the reduction or elimination of pollutants in stormwater discharges and authorized non-stormwater discharges from construction activity to the Best Available Technology/Best Control Technology (BAT/BCT) standard;

Calculations and design details as well as BMP controls for are complete and correct, Appendix A.

1.2 PERMIT REGISTRATION DOCUMENTS

Required Permit Registration Documents (PRDs) shall be submitted to the State Water Board via the Stormwater Multi Application and Report Tracking System (SMARTS) by the Legally Responsible Person (LRP), or authorized personnel (i.e., Approved Signatory) under the direction of the LRP. The project-specific PRDs include:

1. Notice of Intent (NOI);
2. Risk Assessment (Construction Site Sediment and Receiving Water Risk Determination);
3. Site Map;
4. Annual Fee;
5. Signed Certification Statement (LRP Certification is provided electronically with SMARTS PRD submittal); and
6. SWPPP.

Site Maps can be found in Appendix B. A copy of the submitted PRDs shall also be kept in Appendix C along with the Waste Discharge Identification (WDID) confirmation.

Additional PRDs may be required depending on the construction type and location. Modify and include the below test to address items as applicable.

- Post-construction water balance calculation;
- Active Treatment System (ATS) plan; and
- Dischargers proposing an alternate soil erodibility factor must submit justification (documentation of methods used [e.g. soil particle size analysis].

1.3 SWPPP AVAILABILITY AND IMPLEMENTATION

The discharger shall make the SWPPP available at the construction site during working hours (see Section 7.5 of CSMP for working hours) while construction is occurring and shall be made available upon request by a State or Municipal inspector. When the original SWPPP is retained by a crewmember in a construction vehicle and is not currently at the construction site, current copies of the BMPs and map/drawing will be left with the field crew and the original SWPPP shall be made available via a request by radio/telephone. (CGP Section XIV.C)

The SWPPP shall be implemented concurrently with the start of ground disturbing activities.

1.4 SWPPP AMENDMENTS

The SWPPP should be revised when:

- If there is a General Permit violation.
- When there is a reduction or increase in total disturbed acreage (General Permit Section II Part C).
- BMPs do not meet the objectives of reducing or eliminating pollutants in stormwater discharges.

Consider including the following text; modified accordingly

Additionally, the SWPPP shall be amended when:

- There is a change in construction or operations which may affect the discharge of pollutants to surface waters, groundwater(s), or a municipal separate storm sewer system (MS4);
- When there is a change in the project duration that changes the project's risk level; or
- When deemed necessary by the QSD. The QSD has determined that the changes listed in Table 1.1 can be field determined by the QSP. All other changes shall be made by the QSD as formal amendments to the SWPPP.

The following text should be modified accordingly

The following items shall be included in each amendment:

- Who requested the amendment;
- The location of proposed change;

- The reason for change;
- The original BMP proposed, if any; and
- The new BMP proposed.

Amendment shall be logged at the front of the SWPPP and certification kept in Appendix D. The SWPPP text shall be revised replaced, and/or hand annotated as necessary to properly convey the amendment. SWPPP amendments must be made by a QSD. The following changes have been designated by the QSD as "to be field determined" and constitute minor changes that the QSP may implement based on field conditions.

The QSD shall expand or reduce table as needed for construction site

Table 1.1 List of Changes to be Field Determined

Candidate changes for field location or determination by QSP(1)	Check changes that can be field located or field determined by QSP
Increase quantity of an Erosion or Sediment Control Measure	*X*
Relocate/Add stockpiles or stored materials	*X*
Relocate or add toilets	*X*
Relocate vehicle storage and/or fueling locations	*X*
Relocate areas for waste storage	*X*
Relocate water storage and/or water transfer location	*X*
Changes to access points (entrance/exits)	*X*
Change type of Erosion or Sediment Control Measure	*X*
Changes to location of erosion or sediment control	*X*
Minor changes to schedule or phases	*X*
Changes in construction materials	*X*
(1) Any field changes not identified for field location or field determination by QSP must be approved by QSD	

1.5 RETENTION OF RECORDS

Paper or electronic records of documents required by this SWPPP shall be retained for a minimum of three years from the date generated or date submitted, whichever is later, for the following items:

- [NONE]
- [NONE]

These records shall be available at the Site until construction is complete. Records assisting in the determination of compliance with the General Permit shall be made available within a reasonable time, to the Regional Water Board, State Water Board or U.S. Environmental Protection Agency (EPA) upon request. Requests by the Regional Water Board for retention of records for a period longer than three years shall be adhered to.

1.6 REQUIRED NON-COMPLIANCE REPORTING

If a discharge violation occurs the QSP shall immediately notify the LRP and the LRP shall file a violation report electronically to the Regional Water Board [within 30 days] of identification of non-compliance using SMARTS. Corrective measures will be implemented immediately following the discharge or written notice of non-compliance from the Regional Water Board. Discharges and corrective actions will be documented on the NAL/NEL Exceedance Site Evaluation Report Form in CSMP Attachment 3 "Example Forms."

The report to the LRP and to the Regional Water Board will contain the following items:

- The date, time, location, nature of operation and type of unauthorized discharge.
- The cause or nature of the notice or order.
- The control measures (BMPs) deployed before the discharge event, or prior to receiving notice or order.

The date of deployment and type of control measures (BMPs) deployed after the discharge event, or after receiving the notice or order, including additional measures installed or planned to reduce or prevent re-occurrence.

[Include the Regional Water Board requirements if any]

1.7 ANNUAL REPORT

The General Permit requires that permittees prepare, certify, and electronically submit an Annual Report no later than September 1st of each year. Reporting requirements are identified in Section XVI of the General Permit. Annual reports will be filed in SMARTS and in accordance with information required by the on-line forms.

1.8 CHANGES TO PERMIT COVERAGE

The General Permit allows for the reduction or increase of the total acreage covered under the General Permit when: a portion of the project is complete and/or conditions for termination of coverage have been met; when ownership of a portion of the project is purchased by a different entity; or when new acreage is added to the project.

Modified PRDs shall be filed electronically within 30 days of a reduction or increase in total disturbed area if a change in permit covered acreage is to be sought. The SWPPP shall be modified appropriately, shall be logged at the front of the SWPPP and cetrification of SWPPP amendments are to be kept in Appendix D. Updated PRDs submitted electronically via SMARTS can be found in Appendix E.

1.9 NOTICE OF TERMINATION

A Notice of Termination (NOT) must be submitted electronically by the LRP via SMARTS to terminate coverage under the General Permit. The NOT must include a final Site Map and representative photographs of the project site that demonstrate final stabilization has been achieved. The NOT shall be submitted within 90 days of completion of construction. The Regional Water Board will consider a construction site complete when the conditions of the General Permit, Section II.D have been met.

Section 2 Project Information

2.1 PROJECT AND SITE DESCRIPTION

2.1.1 Site Description

The [TTM 36713] project site comprises approximately [8.81 acres] and is located [intersection of La Sierra Ave. & Victoria Ave.] in [Riverside], California. The project site is located approximately [1.00 mile south] of [Interstate-91. The project site is located approximately [0.97 mile south] of [Arlington Valley Channel]. The project is located at [Lat = 33.887564 / Long = -117.462140] and is identified on the Site Map in Appendix B.

2.1.2 Existing Conditions

As of the initial date of this SWPPP, the project site is [existing orange groves]. The project site was previously developed with [land use= LDR]. Historic sources of contamination include: [there are no known historic sources of contamination at the site].

2.1.3 Existing Drainage

The project site is [slopes to the north]. The elevation of the project site ranges from [833 to 812] feet above mean sea level (msl). Surface drainage at the site currently flows to the [north], towards [storm drain inlet]. Stormwater is conveyed through [storm drain system]. Stormwater discharges, from the site, [are not] considered direct discharges, as defined by the State Water Board [Santa Ana River]. Existing site topography, drainage patterns, and stormwater conveyance systems are shown on [W.P.C.D. Pg. 4].

The project discharges to [Santa Ana River] that [is not] listed for water quality impairment on the most recent 303(d)-list [for:

- [LIST]
- [LIST]

2.1.4 Geology and Groundwater

The site is underlain by [alluvial soils consisting of silty sand, sandy silt and silty clay.]. Groundwater occurs beneath the site at approximately [+/-10] feet below ground surface.

2.1.5 Project Description

Project grading will occur on approximately [8.81 acres] of the project, which comprises approximately [100] percent of the total area. The limits of grading are shown on [W.P.C.D. Pg. 4] in Appendix B. Grading will include [both cut and fill activities], with the total graded material estimated to be [number] cubic yards. Approximately [number] cubic yards of fill material will be imported during grading activities. Graded materials are expected to be [balanced onsite/hauled away]. Soil will be stockpiled [describe locations] as shown on [W.P.C.D. Pg. 4] in Appendix B.

2.1.6 Developed Condition

Post construction surface drainage will be directed to the [north] as surface flow through stormwater conveyance systems [sheet flow] towards and will discharge [public storm drain system].

Post construction drainage patterns and conveyance systems are presented on [W.P.C.D. Pg. 4] in Appendix B.

Table 2.1 Construction Site Estimates

Construction site area	8.81	acres
Percent impervious before construction	1	%
Runoff coefficient before construction		
Percent impervious after construction	7	%
Runoff coefficient after construction		

2.2 PERMITS AND GOVERNING DOCUMENTS

In addition to the General Permit, the following documents have been taken into account while preparing this SWPPP

- Regional Water Board requirements
- Basin Plan requirements
- Contract Documents
- Air Quality Regulations and Permits
- Federal Endangered Species Act
- National Historic Preservation Act/Requirements of the State Historic Preservation Office
- State of California Endangered Species Act
- Clean Water Act Section 401 Water Quality Certifications and 404 Permits
- CA Department of Fish and Game 1600 Streambed Alteration Agreement

2.3 STORMWATER RUN-ON FROM OFFSITE AREAS

There is no anticipated offsite run-on to this construction site because [Describe reasons for no offsite run-on [e.g., existing BMPs or stormwater conveyance system to prevent on-site flow, no up-gradient drainage area, etc.)].

2.4 FINDINGS OF THE CONSTRUCTION SITE SEDIMENT AND RECEIVING WATER RISK DETERMINATION

Part A

A construction site risk assessment has been performed for the project and the resultant risk level is Risk Level [1].

The risk level was determined though the use of the [SMARTS]. The risk level is based on project duration, location, proximity to impaired receiving waters and soil conditions. A copy of the Risk Level determination submitted on SMARTS with the PRDs is included in Appendix C.

Part B

Table 2.2 and Table 2.3 summarize the sediment and receiving water risk factors and document the sources of information used to derive the factors.

Table 2.2 Summary of Sediment Risk

RUSLE Factor	**Value**	**Method for establishing value**
R	28.88	SMARTS
K	0.24	SMARTS
LS	1.25393343	SMARTS
Total Predicted Sediment Loss (tons/acre)		**8.691263390016**
Overall Sediment Risk Low Sediment Risk < 15 tons/ acre Medium Sediment Risk >= 15 and < 75 tons/acre High Sediment Risk >= 75 tons/acre		☒ **Low** ☐ **Medium** ☐ **High**

Runoff from the project site discharges into [Santa Ana river] that discharge into [water body, and eventually into the water body].

Table 2.3 Summary of Receiving Water Risk

Receiving Water Name	**303(d) Listed for Sediment Related Pollutant(1)**	**TMDL for Sediment Related Pollutant(1)**	**Beneficial Uses of COLD, SPAWN, and MIGRATORY(1)**
[Santa Ana river]	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No
Overall Receiving Water Risk			☒ **Low** ☐ **High**
(1) If yes is selected for any option the Receiving Water Risk is High			

For all SWPPPs select the appropriate Risk Level and modify accordingly

Risk Level 1

Risk Level 1 sites are subject to the narrative effluent limitations specified in the General Permit. The narrative effluent limitations require stormwater discharges associated with construction activity to minimize or prevent pollutants in stormwater and authorized non-stormwater through the use of controls, structures, and best management practices. This SWPPP has been prepared to address Risk Level 1 requirements (General Permit Attachment C).

2.5 CONSTRUCTION SCHEDULE

The site sediment risk was determined based on construction taking place between [10-1-2018] and [10-1-2019]. Modification or extension of the schedule (start and end dates) may affect risk determination and permit requirements. The LRP shall contact the QSD if the schedule changes during construction to address potential impact to the SWPPP. The estimated schedule for planned work can be found in Appendix F.

[Include additional descriptions of significant grading phases and work near drainages or receiving water.]

2.6 POTENTIAL CONSTRUCTION ACTIVITY AND POLLUTANT SOURCES

Appendix G includes a list of construction activities and associated materials that are anticipated to be used onsite. These activities and associated materials will or could potentially contribute pollutants, other than sediment, to stormwater runoff.

The anticipated activities and associated pollutants were used in Section 3 to select the Best Management Practices for the project. Location of anticipated pollutants and associated BMPs are show on the Site Map in Appendix B.

For sampling requirements for non-visible pollutants associated with construction activity please refer to Section 7.7.1. For a full and complete list of onsite pollutants, refer to the Material Safety Data Sheets (MSDS), which are retained onsite at the construction trailer.

2.7 IDENTIFICATION OF NON-STORMWATER DISCHARGES

Non-stormwater discharges consist of discharges which do not originate from precipitation events. The General Permit provides allowances for specified non-stormwater discharges that do not cause erosion or carry other pollutants.

Non-stormwater discharges into storm drainage systems or waterways, which are not authorized under the General Permit and listed in the SWPPP, or authorized under a separate NPDES permit, are prohibited.

Non-stormwater discharges that are authorized from this project site include the following:

- [NONE]
- [NONE]

These authorized non-stormwater discharges will be managed with the stormwater and non-stormwater BMPs described in Section 3 of this SWPPP and will be minimized by the QSP.

Activities at this site that may result in unauthorized non-stormwater discharges include:

- [NONE]
- [NONE]

Steps will be taken, including the implementation of appropriate BMPs, to ensure that unauthorized discharges are eliminated, controlled, disposed, or treated on-site.

Discharges of construction materials and wastes, such as fuel or paint, resulting from dumping, spills, or direct contact with rainwater or stormwater runoff, are also prohibited.

Consider including the following text, not required by CGP

The following discharge(s) have been authorized by (a) regional NPDES permit(s):

- [LIST Discharge and Governing Permit or State NONE]

2.8 REQUIRED SITE MAP INFORMATION

The construction project's Site Map(s) showing the project location, surface water boundaries, geographic features, construction site perimeter and general topography and other requirements identified in Attachment B of the General Permit is located in Appendix B. Table 2.6 identifies Map or Sheet Nos. where required elements are illustrated.

Table 2.6 Required Map Information

Included on Map/Plan Sheet No. (1)	Required Element
Pg. 1	The project's surrounding area (vicinity)
Pg. 4	Site layout
Pg. 4	Construction site boundaries
Pg. 3	Drainage areas
N/A	Discharge locations
N/A	Sampling locations
N/A	Areas of soil disturbance (temporary or permanent)
Pg. 4	Active areas of soil disturbance (cut or fill)
Pg. 4	Locations of runoff BMPs
Pg. 4	Locations of erosion control BMPs
Pg. 4	Locations of sediment control BMPs
N/A	ATS location (if applicable)
Pg. 4	Locations of sensitive habitats, watercourses, or other features which are not to be disturbed
Pg. 4	Locations of all post construction BMPs
Pg. 4	Waste storage areas

Table 2.6 Required Map Information

Included on Map/Plan Sheet No. (1)	Required Element
Pg. 4	Vehicle storage areas
Pg. 4	Material storage areas
Pg. 1	Entrance and Exits
Pg. 4	Fueling Locations

Notes: (1) Indicate maps or drawings that information is included on (e.g., Vicinity Map, Site Map, Drainage Plans, Grading Plans, Progress Maps, etc.)

Section 3 Best Management Practices

3.1 SCHEDULE FOR BMP IMPLEMENTATION

[Include additional descriptions of significant grading phases and work near drainages or receiving water.]

Table 3.1 BMP Implementation Schedule

	BMP	Implementation	Duration
Erosion Control	EC-1, Scheduling	Prior to Construction	Entirety of Project
Sediment Control	SE-7 Street Sweeping and Vacuuming	During the Construction	Entirety of Project
	SE-8 Sandbag Barrier	Start of Construction	Entirety of Project
Tracking Control	TC-1 Stabilized Construction Entrance/Exit	Start of Construction	Entirety of Project
Wind Erosion			

3.2 EROSION AND SEDIMENT CONTROL

Erosion and Sediment Control Worksheet				
General Permit BMP Requirements	**Applicable to Project?**	**CGP Pg #**	**Associated CASQA BMPs**	**Selected BMPs**
BMP Requirements for Erosion and Sediment Control (Attachment C, D, & E parts D and E)				
Implement effective wind erosion control.	NO	Pg 5 of Att. C, D & E	WE-1	
Provide effective soil cover for inactive areas and finished slopes, open space, utility backfill, and completed lots.	NO	Pg 5 of Att. C, D & E	EC-5 EC-16	
Limit the use of plastic materials when more sustainable, environmentally friendly alternatives exist. Where plastic materials are deemed necessary, the QSD shall consider the use of plastic materials resistant to solar degradation.	NO	Pg 5 of Att. C, D & E	WM-3	
Establish and maintain effective perimeter controls and stabilize construction entrances and exits to sufficiently control erosion and sediment discharges from the site.	YES	Pg 5 of Att. C, D & E	SE-1 ,SE-5 SE-7, TC-1 TC-2, TC-3 WM-3	SE-7, TC-1
On sites where sediment basins are to be used, at a minimum, design sediment basins according to the method provided in *Stormwater BMP Handbook Portal: Construction*.	NO	Pg 5 of Att. C, D & E	SE-02	
Implement appropriate erosion control BMPs (runoff control and soil stabilization) in conjunction with sediment control BMPs for areas under active[4] construction.	YES	Pg 5 of Att. C, D & E	EC-1, EC-2 EC-5, EC-9 EC-10, EC-16 SE-1, SE-4 SE-5,	EC-1
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 General Permit.	RL 2 and 3 only	Pg 5 of Att. D & E	SE-1 ,SE-5 SE-7	
Ensure that construction activity traffic to and from the project is limited to entrances and exits that employ effective controls to prevent offsite tracking of sediment.	RL 2 and 3 only	Pg 6 of Att. D & E	TC-1 TC-2 TC-3 SE-7	

Erosion and Sediment Control Worksheet				
General Permit BMP Requirements	**Applicable to Project?**	**CGP Pg #**	**Associated CASQA BMPs**	**Selected BMPs**
Ensure that storm drain inlets and perimeter controls, runoff control BMPs, and pollutant controls at entrances and exits (e.g. tire wash-off locations) are maintained and protected from activities that reduce their effectiveness.	RL 2 and 3 only	Pg 6 of Att. D & E	All BMPs	
Inspect on a daily basis immediate access roads. At a minimum daily (when necessary) and prior to a rain event. The LRP shall remove sediment or other construction activity-related materials that are deposited on the roads (by vacuuming or sweeping).	RL 2 and 3 only	Pg 6 of Att. D & E	TC-1 TC-2 TC-3 SE-7	
The Regional Water Board may require implementation of additional site-specific sediment control requirements if the implementation of the other requirements in this section is not adequately protecting the receiving waters.		Pg 5 Att. C Pg 6 Att. D & E	N/A	
BMP Requirements for Run-on and Runoff Controls (Attachment C, D, & E parts F)				
Effectively manage run-on, runoff within the site and runoff that discharge off the site.		Pg 5 Att. C Pg 6 Att. D & E		
Run-on from off-site shall be directed away from disturbed areas or shall collectively be in compliance with the effluent limitation in the CGP.		Pg 5 Att. C Pg 6 Att. D & E		
BMP Requirements for Air Deposition (Attachment C, D, & E parts B.6)				
Control the air deposition of site materials and from site operations. Such particulates can include, but are not limited to, sediment, nutrients, trash, metals, bacteria, oil and grease and organics.	No	Pg 4 of Att. C, D & E	WE-1	

Erosion and sediment controls are required by the General Permit to provide effective reduction or elimination of sediment related pollutants in stormwater discharges and authorized non-stormwater discharges from the Site. Applicable BMPs are identified in this section for erosion control, sediment control, tracking control, and wind erosion control.

3.2.1 Erosion Control

Erosion control, also referred to as soil stabilization, consists of source control measures that are designed to prevent soil particles from detaching and becoming transported in stormwater runoff. Erosion control BMPs protect the soil surface by covering and/or binding soil particles.

This construction project will implement the following practices to provide effective temporary and final erosion control during construction:

1. Preserve existing vegetation where required and when feasible.
2. The area of soil disturbing operations shall be controlled such that the Contractor is able to implement erosion control BMPs quickly and effectively.
3. Stabilize non-active areas within 14 days of cessation of construction activities or sooner if stipulated by local requirements.
4. Control erosion in concentrated flow paths by applying erosion control blankets, check dams, erosion control seeding or alternate methods.
5. Prior to the completion of construction, apply permanent erosion control to remaining disturbed soil areas.

Sufficient erosion control materials shall be maintained onsite to allow implementation in conformance with this SWPPP.

The following temporary erosion control BMP selection table indicates the BMPs that shall be implemented to control erosion on the construction site. Fact Sheets for temporary erosion control BMPs are provided in Appendix H.

Table 3.2 Temporary Erosion Control BMPs

CASQA Fact Sheet	BMP Name	Meets a Minimum Requirement[1]	BMP Used		If not used, state reason
			YES	NO	
EC-1	Scheduling	✓	X		
EC-2	Preservation of Existing Vegetation	✓		X	Not Required for Project
EC-3	Hydraulic Mulch	✓[2]		X	Not Required for Project
EC-4	Hydroseed	✓[2]		X	Not Required for Project
EC-5	Soil Binders	✓[2]		X	Not Required for Project
EC-6	Straw Mulch	✓[2]		X	Not Required for Project
EC-7	Geotextiles and Mats	✓[2]		X	Not Required for Project
EC-8	Wood Mulching	✓[2]		X	Not Required for Project
EC-9	Earth Dike and Drainage Swales	✓[3]		X	Not Required for Project
EC-10	Velocity Dissipation Devices			X	Not Required for Project
EC-11	Slope Drains			X	Not Required for Project
EC-12	Stream Bank Stabilization			X	Not Required for Project
EC-14	Compost Blankets	✓[2]		X	Not Required for Project
EC-15	Soil Preparation-Roughening			X	Not Required for Project
EC-16	Non-Vegetated Stabilization	✓[2]		X	Not Required for Project
WE-1	Wind Erosion Control	✓		X	Not Required for Project
Alternate BMPs Used:					**If used, state reason:**

[1] Applicability to a specific project shall be determined by the QSD.
[2] The QSD shall ensure implementation of one of the minimum measures listed or a combination thereof to achieve and maintain the Risk Level requirements.
[3] Run-on from offsite shall be directed away from all disturbed areas, diversion of offsite flows may require design/analysis by a licensed civil engineer and/or additional environmental permitting

These temporary erosion control BMPs shall be implemented in conformance with the following guidelines and as outlined in the BMP Factsheets provided in Appendix H. If there is a conflict between documents, the Site Map will prevail over narrative in the body of the SWPPP or guidance in the BMP Fact Sheets. Site specific details in the Site Map prevail over standard details included in the Site Map. The narrative in the body of the SWPPP prevails over guidance in the BMP Fact Sheets.

Scheduling

-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 of construction. Clearly show how the rainy season relates to soil disturbing and re-stabilization 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.

3.2.2 Sediment Controls

Sediment controls are temporary or permanent structural measures that are intended to complement the selected erosion control measures and reduce sediment discharges from active construction areas. Sediment controls are designed to intercept and settle out soil particles that have been detached and transported by the force of water.

The following sediment control BMP selection table indicates the BMPs that shall be implemented to control sediment on the construction site. Fact Sheets for temporary sediment control BMPs are provided in Appendix H.

Table 3.3 Temporary Sediment Control BMPs

CASQA Fact Sheet	BMP Name	Meets a Minimum Requirement[1]	BMP used		If not used, state reason
			YES	NO	
SE-1	Silt Fence	✓[2] [3]		**X**	Not Required for Project
SE-2	Sediment Basin			X	Not Required for Project
SE-3	Sediment Trap			X	Not Required for Project
SE-4	Check Dams			X	Not Required for Project
SE-5	Fiber Rolls	✓[2][3]		X	Not Required for Project
SE-6	Gravel Bag Berm	✓[3]		X	Not Required for Project
SE-7	Street Sweeping	✓	X		
SE-8	Sandbag Barrier		X		
SE-9	Straw Bale Barrier			X	Not Required for Project
SE-10	Storm Drain Inlet Protection	✓ RL2&3		X	Not Required for Project
SE-11	ATS			X	Not Required for Project
SE-12	Temporary Silt Dike			X	Not Required for Project
SE-13	Compost Sock and Berm	✓[3]		X	Not Required for Project
SE-14	Biofilter Bags	✓[3]		X	Not Required for Project
TC-1	Stabilized Construction Entrance and Exit	✓	X		
TC-2	Stabilized Construction Roadway			X	Not Required for Project
TC-3	Entrance Outlet Tire Wash			X	Not Required for Project
Alternate BMPs Used:					**If used, state reason:**

[1] Applicability to a specific project shall be determined by the QSD
[2] The QSD shall ensure implementation of one of the minimum measures listed or a combination thereof to achieve and maintain the Risk Level requirements
[3]Risk Level 2 &3 shall provide linear sediment control along toe of slope, face of slope, and at the grade breaks of exposed slope

These temporary sediment control BMPs shall be implemented in conformance with the following guidelines and in accordance with the BMP Fact Sheets provided in Appendix H. If there is a conflict between documents, the Site Map will prevail over narrative in the body of the SWPPP or guidance in the BMP Fact Sheets. Site specific details in the Site Map prevail over standard details included in the Site Map. The narrative in the body of the SWPPP prevails over guidance in the BMP Fact Sheets.

Street Sweeping

-Controlling the number of points where vehicles can leave the site will allow sweeping and vacuuming efforts to be focused, and perhaps save money.
- Inspect potential sediment tracking locations daily.

-Visible sediment tracking should be swept or vacuumed on a daily basis.

-Do not use kick brooms or sweeper attachments. These tend to spread the dirt rather than remove it.

-If not mixed with debris or trash, consider incorporating the removed sediment back into the project

Sandbag Barrier

General
A sandbag barrier consists of a row of sand-filled bags placed on a level contour. When appropriately placed, a sandbag barrier intercepts and slows sheet flow runoff, causing temporary ponding. The temporary ponding allows sediment to settle. Sand-filled bags have limited porosity, which is further limited as the fine sand tends to quickly plug with sediment, limiting or completely blocking the rate of flow through the barrier. If a porous barrier is desired, consider SE-1, Silt Fence, SE-5, Fiber Rolls, SE-6, Gravel Bag Berms or SE-14, Biofilter Bags. Sandbag barriers also interrupt the slope length and thereby reduce erosion by reducing the tendency of sheet flows to concentrate into rivulets which erode rills, and ultimately gullies, into disturbed, sloped soils. Sandbag barriers are similar to gravel bag berms, but less porous. Generally, sandbag barriers should be used in conjunction with temporary soil stabilization controls up slope to provide effective erosion and sediment control.

Stabilized Construction Entrance and Exit

-Entrances and exits require periodic top dressing with additional stones.

-This BMP should be used in conjunction with street sweeping on adjacent public right of way.

-Entrances and exits should be constructed on level ground only.

-Stabilized construction entrances are rather expensive to construct and when a wash rack is included, a sediment trap of some kind must also be provided to collect wash water runoff.

A stabilized construction entrance is a pad of aggregate underlain with filter cloth located at any point where traffic will be entering or leaving a construction site to or from a public right of way, street, alley, sidewalk, or parking area. The purpose of a stabilized construction entrance is to reduce or eliminate the tracking of sediment onto public rights of way or streets. Reducing tracking of sediments and other pollutants onto paved roads helps prevent deposition of sediments into local storm drains and production of airborne dust.

Where traffic will be entering or leaving the construction site, a stabilized construction entrance should be used. NPDES permits require that appropriate measures be implemented to prevent tracking of sediments onto paved roadways, where a significant source of sediments is derived from mud and dirt carried out from unpaved roads and construction sites.

Stabilized construction entrances are moderately effective in removing sediment from equipment leaving a construction site. The entrance should be built on level ground. Advantages of the Stabilized Construction Entrance/Exit is that it does remove some sediment from equipment and serves to channel construction traffic in and out of the site at specified locations. Efficiency is greatly increased when a washing rack is included as part of a stabilized construction entrance/exit.

3.3 NON-STORMWATER CONTROLS AND WASTE AND MATERIALS MANAGEMENT

Non-Stormwater, Construction Materials & Waste Management Worksheet				
BMP Requirements	**Applicable to Project?**	**CGP Pg#**	**Associated CASQA BMPs**	**BMP selected for SWPPP**
BMP Requirements for Waste Management (Attachment C, D and E part B.2)				
Prevent disposal of rinse or wash waters or materials on impervious or pervious site surfaces or into the storm drain system.	YES	Pg 2, Att. C, D & E	NS-1, NS-3 NS-8, NS-12 NS-13	NS-8
Ensure the containment of sanitation facilities (e.g., portable toilets) to prevent discharges of pollutants to the stormwater drainage system or receiving water.	YES	Pg 2, Att. C, D & E	WM-9	WM-9
Clean or replace sanitation facilities and inspecting them regularly for leaks and spills.	YES	Pg 2, Att. C, D & E	WM-9	WM-9
Cover waste disposal containers at the end of every business day and during a rain event.	NO	Pg 2, Att. C, D & E	WM-1 , M-2 WM-4 , M-5 WM-6, WM-7 WM-10	
Prevent discharges from waste disposal containers to the stormwater drainage system or receiving water.	YES	Pg 2, Att. C, D & E	WM-1, WM-2 WM-4, WM-5 WM-6, WM-7 WM-9, WM-10	WM-9
Contain and securely protect stockpiled waste material from wind and rain at all times unless actively being used.	NO	Pg 2, Att. C, D & E	WM-3	
Implement procedures that effectively address hazardous and non-hazardous spills.	NO	Pg 2, Att. C, D & E	WM-4	
Develop a spill response and implementation element of the SWPPP prior to commencement of construction activities. The SWPPP shall require that: Equipment and materials for cleanup of spills shall be available onsite and that spills and leaks shall be cleaned up immediately and disposed of properly; and appropriate spill response personnel are assigned and trained.	NO	Pg 2, Att. C, D & E	WM-4	
Ensure the containment of concrete washout areas and other washout areas that may contain additional pollutants so there is no discharge into the underlying soil and onto the surrounding areas.	YES	Pg 3, Att. C, D & E	WM-8	WM-8
BMP Requirements for Construction Material (Attachment C, D, and E part B.1)				
Conduct an inventory of the products used and/or expected to be used and the end products that are produced and/or expected to be produced.		Pg 1, Att. C, D & E		

Non-Stormwater, Construction Materials & Waste Management Worksheet				
BMP Requirements	**Applicable to Project?**	**CGP Pg#**	**Associated CASQA BMPs**	**BMP selected for SWPPP**
Cover and berm loose stockpiled construction materials that are not actively being used (i.e. soil, spoils, aggregate, fly-ash, stucco, hydrated lime, etc.).	NO	Pg 1, Att. C, D & E	WM-3	
Store chemicals in watertight containers (with appropriate secondary containment to prevent spillage or leakage) or in a storage shed (completely enclosed).	NO	Pg 2, Att. C, D & E	WM-1, WM-2 WM-4, WM-6	
Minimize exposure of construction materials to precipitation.	NO	Pg 2, Att. C, D & E	WM-1, WM-2 WM-4, WM-5 WM-6, WM-7 WM-10	
Implement BMPs to prevent the off-site tracking of loose construction and landscape materials.	YES	Pg 2, Att. C, D & E	TC-1 TC-2 TC-3	TC-1
BMP Requirements for Vehicle Storage and Maintenance (Attachment C, D and E, part B.3)				
Prevent oil, grease, or fuel from leaking into the ground, storm drains or surface waters.	NO	Pg 3, Att. C, D & E	NS-9 NS-10	
Place equipment or vehicles, which are to be fueled, maintained and stored in a designated area fitted with appropriate BMPs.	NO	Pg 2, Att. C, D & E	WM-2, WM-4 NS-9, NS-10	
Clean leaks immediately and disposing of leaked materials properly.	NO	Pg 2, Att. C, D & E	WM-4	
BMP Requirements to Control Non-Stormwater Discharges (Attachment C, D and E part C)				
Implement measures to control non-stormwater discharges during construction.	YES	Pg 4, Att. C, D & E	NS-3, NS-8 NS-9, NS-10 NS-12, NS-13 TC-1, TC-2 TC-3	
Wash vehicles in such a manner as to prevent non-stormwater discharges to surface waters or MS4 drainage systems.	YES	Pg 4, Att. C, D & E	NS-8	
Clean streets in such a manner as to prevent non-stormwater discharges from reaching surface water or MS4 drainage systems.	YES	Pg 4, Att. C, D & E	TC-1, TC-2 TC-3, SE-7	

3.3.1 Non-Stormwater Controls

Non-stormwater discharges into storm drainage systems or waterways, which are not authorized under the General Permit, are prohibited. Non-stormwater discharges for which a separate NPDES permit is required by the local Regional Water Board are prohibited unless coverage under the separate NPDES permit has been obtained for the discharge. The selection of non-stormwater BMPs is based on the list of construction activities with a potential for non-stormwater discharges identified in Section 2.7 of this SWPPP.

The following non-stormwater control BMP selection table indicates the BMPs that shall be implemented to control sediment on the construction site. Fact Sheets for temporary non-stormwater control BMPs are provided in Appendix H.

Table 3.4 Temporary Non-Stormwater BMPs

CASQA Fact Sheet	BMP Name	Meets a Minimum Requirement[1]	BMP used		If not used, state reason
			YES	NO	
NS-1	Water Conservation Practices	✓		X	Not Required for Project
NS-2	Dewatering Operation			X	Not Required for Project
NS-3	Paving and Grinding Operation			X	Not Required for Project
NS-4	Temporary Stream Crossing			X	Not Required for Project
NS-5	Clear Water Diversion			X	Not Required for Project
NS-6	Illicit Connection- Illegal Discharge Connection	✓		X	Not Required for Project
NS-7	Potable Water Irrigation Discharge Detection			X	Not Required for Project
NS-8	Vehicle and Equipment Cleaning	✓	X		
NS-9	Vehicle and Equipment Fueling	✓		X	Not Required for Project
NS-10	Vehicle and Equipment Maintenance	✓		X	Not Required for Project
NS-11	Pile Driving Operation			X	Not Required for Project
NS-12	Concrete Curing			X	Not Required for Project
NS-13	Concrete Finishing			X	Not Required for Project
NS-14	Material and Equipment Use Over Water			X	Not Required for Project
NS-15	Demolition Removal Adjacent to Water			X	Not Required for Project
NS-16	Temporary Batch Plants			X	Not Required for Project
Alternate BMPs Used:			**If used, state reason:**		

[1] Applicability to a specific project shall be determined by the QSD

Non-stormwater BMPs shall be implemented in conformance with the following guidelines and in accordance with the BMP Fact Sheets provided in Appendix H. If there is a conflict between documents, the Site Map will prevail over narrative in the body of the SWPPP or guidance in the BMP Fact Sheets. Site specific details in the Site Map prevail over standard details included in the Site Map. The narrative in the body of the SWPPP prevails over guidance in the BMP Fact Sheets.

Vehicle and Equipment Cleaning

-Other options to washing equipment onsite include contracting with either an offsite or mobile commercial washing business. These businesses may be better equipped to handle and dispose of the wash waters properly. Performing this work offsite can also be economical by eliminating the need for a separate washing operation onsite.

-If washing operations are to take place onsite, then:

-Use phosphate-free, biodegradable soaps.

-Educate employees and subcontractors on pollution prevention measures.

-Do not permit steam cleaning onsite. Steam cleaning can generate significant pollutant concentrates.

-Cleaning of vehicles and equipment with soap, solvents or steam should not occur on the project site unless resulting wastes are fully contained and disposed of. Resulting wastes should not be discharged or buried, and must be captured and recycled or disposed according to the requirements of WM-10, Liquid Waste Management or WM-6, Hazardous Waste Management, depending on the waste characteristics. Minimize use of solvents. Use of diesel for vehicle and equipment cleaning is prohibited.

-All vehicles and equipment that regularly enter and leave the construction site must be cleaned offsite.

-When vehicle and equipment washing and cleaning must occur onsite, and the operation cannot be located within a structure or building equipped with appropriate disposal facilities, the outside cleaning area should have the following characteristics:

- -Located away from storm drain inlets, drainage facilities, or watercourses
- -Paved with concrete or asphalt and bermed to contain wash waters and to prevent runon and runoff
- -Configured with a sump to allow collection and disposal of wash water
- -No discharge of wash waters to storm drains or watercourses
- -Used only when necessary

-When cleaning vehicles and equipment with water:

- -Use as little water as possible. High-pressure sprayers may use less water than a hose and should be considered

-Use positive shutoff valve to minimize water usage

-Facility wash racks should discharge to a sanitary sewer, recycle system or other approved discharge system and must not discharge to the storm drainage system, watercourses, or to groundwater

3.3.2 Materials Management and Waste Management

Materials management control practices consist of implementing procedural and structural BMPs for handling, storing and using construction materials to prevent the release of those materials into stormwater discharges. The amount and type of construction materials to be utilized at the Site will depend upon the type of construction and the length of the construction period. The materials may be used continuously, such as fuel for vehicles and equipment, or the materials may be used for a discrete period, such as soil binders for temporary stabilization.

Waste management consist of implementing procedural and structural BMPs for handling, storing and ensuring proper disposal of wastes to prevent the release of those wastes into stormwater discharges. [If applicable to the project site, waste management should be conducted in accordance with the Project's Construction Waste Management Plan.]

Materials and waste management pollution control BMPs shall be implemented to minimize stormwater contact with construction materials, wastes and service areas; and to prevent materials and wastes from being discharged off-site. The primary mechanisms for stormwater contact that shall be addressed include:

- Direct contact with precipitation
- Contact with stormwater run-on and runoff
- Wind dispersion of loose materials
- Direct discharge to the storm drain system through spills or dumping
- Extended contact with some materials and wastes, such as asphalt cold mix and treated wood products, which can leach pollutants into stormwater.

A list of construction activities is provided in Section 2.6. The following Materials and Waste Management BMP selection table indicates the BMPs that shall be implemented to handle materials and control construction site wastes associated with these construction activities. Fact Sheets for Materials and Waste Management BMPs are provided in Appendix H.

Table 3.5 Temporary Materials Management BMPs

CASQA Fact Sheet	BMP Name	Meets a Minimum Requirement[1]	BMP used		If not used, state reason
			YES	NO	
WM-01	Material Delivery and Storage	✓		X	Not Required for Project
WM-02	Material Use	✓		X	Not Required for Project
WM-03	Stockpile Management	✓		X	Not Required for Project
WM-04	Spill Prevention and Control	✓		X	Not Required for Project
WM-05	Solid Waste Management	✓		X	Not Required for Project
WM-06	Hazardous Waste Management	✓		X	Not Required for Project
WM-07	Contaminated Soil Management			X	Not Required for Project
WM-08	Concrete Waste Management	✓	X		
WM-09	Sanitary-Septic Waste Management	✓	X		
WM-10	Liquid Waste Management			X	Not Required for Project
Alternate BMPs Used:				**If used, state reason:**	

[1] Applicability to a specific project shall be determined by the QSD.

Material management BMPs shall be implemented in conformance with the following guidelines and in accordance with the BMP Fact Sheets provided in Appendix H. If there is a conflict between documents, the Site Map will prevail over narrative in the body of the SWPPP or guidance in the BMP Fact Sheets. Site specific details in the Site Map prevail over standard details included in the Site Map. The narrative in the body of the SWPPP prevails over guidance in the BMP Fact Sheets.

Concrete Waste Management

-The following steps will help reduce stormwater pollution from concrete wastes:

-Incorporate requirements for concrete waste management into material supplier and subcontractor agreements.

-Store dry and wet materials under cover, away from drainage areas. Refer to WM-1, Material Delivery and Storage for more information.

-Avoid mixing excess amounts of concrete.

-Perform washout of concrete trucks in designated areas only, where washout will not reach stormwater.

-Do not wash out concrete trucks into storm drains, open ditches, streets, streams or onto the ground. Trucks should always be washed out into designated facilities.

-Do not allow excess concrete to be dumped onsite, except in designated areas.

-For onsite washout:

- On larger sites, it is recommended to locate washout areas at least 50 feet from storm drains, open ditches, or water bodies. Do not allow runoff from this area by constructing a temporary pit or bermed area large enough for liquid and solid waste.
- Washout wastes into the temporary washout where the concrete can set, be broken up, and then disposed properly.
- Washout should be lined so there is no discharge into the underlying soil.

-Do not wash sweepings from exposed aggregate concrete into the street or storm drain. Collect and return sweepings to aggregate base stockpile or dispose in the trash.

-See typical concrete washout installation details at the end of this fact sheet.

Sanitary-Septic Waste Management

-Sanitary or septic wastes should be treated or disposed of in accordance with state and local requirements. In many cases, one contract with a local facility supplier will be all that it takes to make sure sanitary wastes are properly disposed.

Storage and Disposal Procedures

-Temporary sanitary facilities should be located away from drainage facilities, watercourses, and from traffic circulation. If site conditions allow, place portable facilities a minimum of 50 feet from drainage conveyances and traffic areas. When subjected to high winds or risk of high winds, temporary sanitary facilities should be secured to prevent overturning.

-Temporary sanitary facilities must be equipped with containment to prevent discharge of pollutants to the stormwater drainage system of the receiving water.

-Consider safety as well as environmental implications before placing temporary sanitary facilities.

-Wastewater should not be discharged or buried within the project site.

-Sanitary and septic systems that discharge directly into sanitary sewer systems, where permissible, should comply with the local health agency, city, county, and sewer district requirements.

-Only reputable, licensed sanitary and septic waste haulers should be used.

-Sanitary facilities should be located in a convenient location.

-Temporary septic systems should treat wastes to appropriate levels before discharging.

-If using an onsite disposal system (OSDS), such as a septic system, local health agency requirements must be followed.

-Temporary sanitary facilities that discharge to the sanitary sewer system should be properly connected to avoid illicit discharges.

-Sanitary and septic facilities should be maintained in good working order by a licensed service.

-Regular waste collection by a licensed hauler should be arranged before facilities overflow.

-If a spill does occur from a temporary sanitary facility, follow federal, state and local regulations for containment and clean-up.

3.4 POST CONSTRUCTION STORMWATER MANAGEMENT MEASURES

Post construction BMPs are permanent measures installed during construction, designed to reduce or eliminate pollutant discharges from the site after construction is completed.

This site is located in an area subject to a Phase I or Phase II Municipal Separate Storm Sewer System (MS4) permit approved Stormwater Management Plan. ☐ Yes ☒ No

[If yes, state:

Post construction runoff reduction requirements have been satisfied through the MS4 program, this project is exempt from provision XIII A of the General Permit.]

[If no: Identify specific local stormwater requirements (e.g. SUSUMP requirements). Describe results of runoff reduction calculator and the BMPs selected to meet the runoff reduction requirements.]

The following source control post construction BMPs to comply with General Permit Section XIII.B and local requirements have been identified for the site:

- [LIST or State NONE]
- [LIST or State NONE]

A plan for the post construction funding and maintenance of these BMPs has been developed to address at minimum five years following construction. The post construction BMPs that are described above shall be funded and maintained by the [LRP or other]. If required, post construction funding and maintenance will be submitted with the NOT.

Section 4 BMP Inspection, [and] Maintenance [, and Rain Event Action Plans]

4.1 BMP INSPECTION AND MAINTENANCE

The General Permit requires routine weekly inspections of BMPs, along with inspections before, during, and after qualifying rain events. A BMP inspection checklist must be filled out for inspections and maintained on-site with the SWPPP. The inspection checklist includes the necessary information covered in Section 7.6. A blank inspection checklist can be found in Appendix I. Completed checklists shall be kept in CSMP Attachment 2 "Monitoring Records.

BMPs shall be maintained regularly to ensure proper and effective functionality. If necessary, corrective actions shall be implemented within 72 hours of identified deficiencies and associated amendments to the SWPPP shall be prepared by the QSD.

Specific details for maintenance, inspection, and repair of Construction Site BMPs can be found in the BMP Factsheets in Appendix H.

4.2 RAIN EVENT ACTION PLANS

Risk Level 1

Rain Event Action Plans (REAPs) are not required for Risk Level 1 projects.

Risk Level 2 or 3

The Rain Event Action Plans (REAP) is written document designed to be used as a planning tool by the QSP to protect exposed portions of project sites and to ensure that the discharger has adequate materials, staff, and time to implement erosion and sediment control measures. These measures are intended to reduce the amount of sediment and other pollutants that could be generated during the rain event. It is the responsibility of the QSP to be aware of precipitation forecast and to obtain and print copies of forecasted precipitation from NOAA's National Weather Service Forecast Office.

The SWPPP includes REAP templates but the QSP will need to customize them for each rain event. Site-specific REAP templates for each applicable project phase can be found in Appendix J. The QSP shall maintain a paper copy of completed REAPs in compliance with the record retention requirements Section 1.5 of this SWPPP. Completed REAPs shall be maintained in Appendix J.

The QSP will develop an event specific REAP 48 hours in advance of a precipitation event forecast to have a 50% or greater chance of producing precipitation in the project area. The REAP will be onsite and be implemented 24 hours in advance of any the predicted precipitation event.

At minimum the REAP will include the following site and phase-specific information:

1. Site Address;
2. Calculated Risk Level (2 or 3);

3. Site Stormwater Manager Information including the name, company and 24-hour emergency telephone number;
4. Erosion and Sediment Control Provider information including the name, company and 24-hour emergency telephone number;
5. Stormwater Sampling Agent information including the name, company, and 24-hour emergency telephone number;
6. Activities associated with each construction phase;
7. Trades active on the construction site during each construction phase;
8. Trade contractor information; and
9. Recommended actions for each project phase.

Section 5 Training

The following text should be modified accordingly

Appendix L identifies the QSPs for the project. To promote stormwater management awareness specific for this project, periodic training of job-site personnel shall be included as part of routine project meetings (e.g. daily/weekly tailgate safety meetings), or task specific trainings as needed.

The QSP shall be responsible for providing this information at the meetings, and subsequently completing the training logs shown in Appendix K, which identifies the site-specific stormwater topics covered as well as the names of site personnel who attended the meeting. Tasks may be delegated to trained employees by the QSP provided adequate supervision and oversight is provided. Training shall correspond to the specific task delegated including: SWPPP implementation; BMP inspection and maintenance; and record keeping.

Documentation of training activities (formal and informal) is retained in SWPPP Appendix K.

Section 6 Responsible Parties and Operators

6.1 RESPONSIBLE PARTIES

Approved Signatory(ies) who are responsible for SWPPP implementation and have authority to sign permit-related documents [is/are] listed below. Written authorizations from the LRP for these individuals are provided in Appendix L. The Approved Signatory(ies) assigned to this project [is/are]:

Name	Title	Phone Number
Hitesh Patel		760-963-3475

QSPs identified for the project are identified in Appendix L. The QSP shall have primary responsibility and significant authority for the implementation, maintenance and inspection/monitoring of SWPPP requirements. The QSP will be available at all times throughout the duration of the project. Duties of the QSP include but are not limited to:

- Implementing all elements of the General Permit and SWPPP, including but not limited to:
  - Ensuring all BMPs are implemented, inspected, and properly maintained;
  - Performing non-stormwater and stormwater visual observations and inspections;
  - Performing non-stormwater and storm sampling and analysis, as required;
  - Performing routine inspections and observations;
  - Implementing non-stormwater management, and materials and waste management activities such as: monitoring discharges; general Site clean-up; vehicle and equipment cleaning, fueling and maintenance; spill control; ensuring that no materials other than stormwater are discharged in quantities which will have an adverse effect on receiving waters or storm drain systems; etc.;
- The QSP may delegate these inspections and activities to an appropriately trained employee, but shall ensure adequacy and adequate deployment.
- Ensuring elimination of unauthorized discharges.
- The QSPs shall be assigned authority by the LRP to mobilize crews in order to make immediate repairs to the control measures.
- Coordinate with the Contractor(s) to assure all of the necessary corrections/repairs are made immediately and that the project complies with the SWPPP, the General Permit and approved plans at all times.

- Notifying the LRP or Authorized Signatory immediately of off-site discharges or other non-compliance events.

6.2 CONTRACTOR LIST

Contractor

Name:

Title:

Company:

Address:

Phone Number:

Number (24/7):

Section 7 Construction Site Monitoring Program

7.1 Purpose

This Construction Site Monitoring Program was developed to address the following objectives:

1. To demonstrate that the site is in compliance with the Discharge Prohibitions of the Construction General Permit;
2. To determine whether non-visible pollutants are present at the construction site and are causing or contributing to exceedances of water quality objectives;
3. To determine whether immediate corrective actions, additional Best Management Practices (BMP) implementation, or SWPPP revisions are necessary to reduce pollutants in stormwater discharges and authorized non-stormwater discharges;
4. To determine whether BMPs included in the SWPPP are effective in preventing or reducing pollutants in stormwater discharges and authorized non-stormwater discharges.

7.2 Applicability of Permit Requirements

This project has been determined to be a Risk Level [1] project. The General Permit identifies the following types of monitoring as being applicable for a Risk Level [1] project.

Risk Level 1

- Visual inspections of Best Management Practices (BMPs);
- Visual monitoring of the site related to qualifying storm events;
- Visual monitoring of the site for non-stormwater discharges;
- Sampling and analysis of construction site runoff for non-visible pollutants when applicable; and
- Sampling and analysis of construction site runoff as required by the Regional Water Board when applicable.

7.3. Weather and Rain Event Tracking

Visual monitoring and inspections requirements of the General Permit are triggered by a qualifying rain event. The General Permit defines a qualifying rain event as any event that produces ½ inch of precipitation. A minimum of 48 hours of dry weather will be used to distinguish between separate qualifying storm events.

7.3.1 Weather Tracking

The QSP should daily consult the National Oceanographic and Atmospheric Administration (NOAA) for the weather forecasts. These forecasts can be obtained at http://www.srh.noaa.gov/. Weather reports should be printed and maintained with the SWPPP in CSMP Attachment 1 "Weather Reports".

[Optionally, identify any other tools, in addition to NOAA probability of precipitation that the QSP will use to track weather.]

7.3.2 Rain Gauges

The QSP shall install [Enter Number and General Location for On-site Gauges] rain gauge(s) on the project site. Locate the gauge in an open area away from obstructions such as trees or overhangs. Mount the gauge on a post at a height of 3 to 5 feet with the gauge extending several inches beyond the post. Make sure that the top of the gauge is level. Make sure the post is not in an area where rainwater can indirectly splash from sheds, equipment, trailers, etc.

The rain gauge(s) shall be read daily during normal site scheduled hours. The rain gauge should be read at approximately the same time every day and the date and time of each reading recorded. Log rain gauge readings in CSMP Attachment 1 "Weather Records". Follow the rain gauge instructions to obtain accurate measurements.

Once the rain gauge reading has been recorded, accumulated rain shall be emptied and the gauge reset. [Alternatively, include instructions for an automated recording rain gauge if used.]

For comparison with the site rain gauge, the nearest appropriate governmental rain gauge(s) is located at [Insert location and web site of the applicable governmental rain gauge(s)].

7.4 Monitoring Locations

Monitoring locations are shown on the Site Maps in Appendix B. Monitoring locations are described in the Sections 7.6 and 7.7.

Whenever changes in the construction site might affect the appropriateness of sampling locations, the sampling locations shall be revised accordingly. All such revisions shall be implemented as soon as feasible and the SWPPP amended. Temporary changes that result in a one-time additional sampling location do not require a SWPPP amendment.

7.5 Safety and Monitoring Exemptions

Safety practices for sample collection will be in accordance with the [ENTER TITLE AND PUBLICATION DATE OF CONTRACTOR'S HEALTH AND SAFETY PLAN FOR THE

PROJECT OR PROVIDE SPECIFIC REQUIREMENTS IN THIS SECTION]. A summary of the safety requirements that apply to sampling personnel is provided below.

-
-
-
-

This project is not required to collect samples or conduct visual observations (inspections) under the following conditions:

- During dangerous weather conditions such as flooding and electrical storms.
- Outside of scheduled site business hours.

Scheduled site business hours are: [SPECIFY SITE BUSINESS DAYS AND HOURS].

If monitoring (visual monitoring or sample collection) of the site is unsafe because of the dangerous conditions noted above then the QSP shall document the conditions for why an exception to performing the monitoring was necessary. The exemption documentation shall be filed in CSMP Attachment 2 "Monitoring Records".

7.6 Visual Monitoring

Visual monitoring includes observations and inspections. Inspections of BMPs are required to identify and record BMPs that need maintenance to operate effectively, that have failed, or that could fail to operate as intended. Visual observations of the site are required to observe storm water drainage areas to identify any spills, leaks, or uncontrolled pollutant sources.

Table 7.1 identifies the required frequency of visual observations and inspections. Inspections and observations will be conducted at the locations identified in Section 7.6.3.

Table 7.1 Summary of Visual Monitoring and Inspections

Type of Inspection	Frequency
Routine Inspections	
BMP Inspections	Weekly[1]
BMP Inspections – Tracking Control	Daily
[Biswale]	[Quartley]
Non-Stormwater Discharge Observations	Quarterly during daylight hours
Rain Event Triggered Inspections	
Site Inspections Prior to a Qualifying Event	Within 48 hours of a qualifying event [2]
BMP Inspections During an Extended Storm Event	Every 24-hour period of a rainevent[2]
Site Inspections Following a Qualifying Event	Within 48 hours of a qualifying event[2]

[1] Most BMPs must be inspected weekly; those identified below must be inspected more frequently.

[2] Inspections are only required during scheduled site operating hours. Note however, these inspections are required daily regardless of the amount of precipitation.

7.6.1 Routine Observations and Inspections

Routine site inspections and visual monitoring are necessary to ensure that the project is in compliance with the requirements of the Construction General Permit.

7.6.1.1 Routine BMP Inspections

Inspections of BMPs are conducted to identify and record:

- BMPs that are properly installed;
- BMPs that need maintenance to operate effectively;
- BMPs that have failed; or
- BMPs that could fail to operate as intended.

7.6.1.2 Non-Stormwater Discharge Observations

Each drainage area will be inspected for the presence of or indications of prior unauthorized and authorized non-stormwater discharges. Inspections will record:

- Presence or evidence of any non-stormwater discharge (authorized or unauthorized);
- Pollutant characteristics (floating and suspended material, sheen, discoloration, turbidity, odor, etc.); and
- Source of discharge.

7.6.2 Rain-Event Triggered Observations and Inspections

Visual observations of the site and inspections of BMPs are required prior to a qualifying rain event; following a qualifying rain event, and every 24-hour period during a qualifying rain event.

Pre-rain inspections will be conducted after consulting NOAA and determining that a precipitation event with a 50% or greater probability of precipitation has been predicted.

7.6.2.1 Visual Observations Prior to a Forecasted Qualifying Rain Event

Within 48-hours prior to a qualifying event a stormwater visual monitoring site inspection will include observations of the following locations:

- Stormwater drainage areas to identify any spills, leaks, or uncontrolled pollutant sources;
- BMPs to identify if they have been properly implemented;
- Any stormwater storage and containment areas to detect leaks and ensure maintenance of adequate freeboard.

[BMP inspections and visual monitoring will be triggered by a NOAA prediction of rain in the project area.]

or

Consistent with guidance from the State Water Resources Control Board, pre-rain BMP inspections and visual monitoring will be triggered by a NOAA forecast that indicates a probability of precipitation of 50% or more in the project area.

or

BMP inspections and visual monitoring will be triggered by a NOAA quantitative predicted forecast (QPF) that indicates ½-inch or more of rain will occur in the project area.]

7.6.2.2 BMP Inspections During an Extended Storm Event

During an extended rain event BMP inspections will be conducted to identify and record:

- BMPs that are properly installed;
- BMPs that need maintenance to operate effectively;
- BMPs that have failed; or
- BMPs that could fail to operate as intended.

If the construction site is not accessible during the rain event, the visual inspections shall be performed at all relevant outfalls, discharge points, downstream locations. The inspections should record any projected maintenance activities.

7.6.2.2 Visual Observations Following a Qualifying Rain Event

Within 48 hours following a qualifying rain event (0.5 inches of rain) a stormwater visual monitoring site inspection is required to observe:

- Stormwater drainage areas to identify any spills, leaks, or uncontrolled pollutant sources;
- BMPs to identify if they have been properly designed, implemented, and effective;
- Need for additional BMPs;
- Any stormwater storage and containment areas to detect leaks and ensure maintenance of adequate freeboard; and
- Discharge of stored or contained rain water.

7.6.3 Visual Monitoring Procedures

Visual monitoring shall be conducted by the QSP or staff trained by and under the supervision of the QSP.

The name(s) and contact number(s) of the site visual monitoring personnel are listed below and their training qualifications are provided in Appendix K.

Assigned inspector: Sam Akbarpour Contact phone: 951-279-4041

Alternate inspector: NAME OF INSPECTOR Contact phone: TELEPHONE NUMBER

Stormwater observations shall be documented on the *Visual Inspection Field Log Sheet* (see CSMP Attachment 3 "Example Forms"). BMP inspections shall be documented on the site specific BMP inspection checklist. Any photographs used to document observations will be referenced on stormwater site inspection report and maintained with the Monitoring Records in Attachment 2.

The QSP shall within [3] days of the inspection submit copies of the completed inspection report to [Name].

The completed reports will be kept in CSMP Attachment 2 "Monitoring Records".

7.6.4 Visual Monitoring Follow-Up and Reporting

Correction of deficiencies identified by the observations or inspections, including required repairs or maintenance of BMPs, shall be initiated and completed as soon as possible.

If identified deficiencies require design changes, including additional BMPs, the implementation of changes will be initiated within 72 hours of identification and be completed as soon as possible. When design changes to BMPs are required, the SWPPP shall be amended to reflect the changes.

Deficiencies identified in site inspection reports and correction of deficiencies will be tracked on the *Inspection Field Log Sheet* or *BMP Inspection Report* and shall be submitted to the QSP and shall be kept in CSMP Attachment 2 "Monitoring Records".

The QSP shall within [3] days of the inspection submit copies of the completed *Inspection Field Log Sheet* or *BMP Inspection Report* with the corrective actions to [Name].

Results of visual monitoring must be summarized and reported in the Annual Report.

7.6.5 Visual Monitoring Locations

The inspections and observations identified in Sections 7.6.1 and 7.6.2 will be conducted at the locations identified in this section.

BMP locations are shown on the Site Maps in SWPPP Appendix A.

There are [Enter Number] drainage area(s) on the project site and the contractor's yard, staging areas, and storage areas. Drainage area(s) are shown on the Site Maps in Appendix B and Table 7.2 identifies each drainage area by location.

Table 7.2 Site Drainage Areas

Location No.	Location

There are [Enter Number] stormwater storage or containment area(s) are on the project site. Stormwater storage or containment area(s) are shown on the Site Maps in Appendix B and Table 7.3 identifies each stormwater storage or containment area by location.

Table 7.3 Stormwater Storage and Containment Areas

Location No.	Location

There are [Enter Number] discharge location(s) on the project site. Site stormwater discharge location(s) are shown on the Site Maps in Appendix B and Table 7.4 identifies each stormwater discharge location.

Table 7.4 Site Stormwater Discharge Locations

Location No.	Location

7.7 Water Quality Sampling and Analysis

7.7.1 Sampling and Analysis Plan for Non-Visible Pollutants in Stormwater Runoff Discharges

This Sampling and Analysis Plan for Non-Visible Pollutants describes the sampling and analysis strategy and schedule for monitoring non-visible pollutants in stormwater runoff discharges from the project site.

Sampling for non-visible pollutants will be conducted when (1) a breach, leakage, malfunction, or spill is observed; and (2) the leak or spill has not been cleaned up prior to the rain event; and (3) there is the potential for discharge of non-visible pollutants to surface waters or drainage system.

The following construction materials, wastes, or activities, as identified in Section 2.6, are potential sources of non-visible pollutants to stormwater discharges from the project. Storage, use, and operational locations are shown on the Site Maps in Appendix B.

- [NONE]
- [NONE]

The following existing site features, as identified in Section 2.6, are potential sources of non-visible pollutants to stormwater discharges from the project. Locations of existing site features contaminated with non-visible pollutants are shown on the Site Maps in Appendix B.

- [NONE]
- [NONE]

The following soil amendments have the potential to change the chemical properties, engineering properties, or erosion resistance of the soil and will be used on the project site. Locations of soil amendment application are shown on the Site Maps in Appendix B.

- [NONE]
- [NONE]

7.7.1.1 Sampling Schedule

Samples for the potential non-visible pollutant(s) and a sufficiently large unaffected background sample shall be collected during the first two hours of discharge from rain events that result in a sufficient discharge for sample collection. Samples shall be collected during the site's scheduled hours and shall be collected regardless of the time of year and phase of the construction.

Collection of discharge samples for non-visible pollutant monitoring will be triggered when any of the following conditions are observed during site inspections conducted prior to or during a rain event.

- Materials or wastes containing potential non-visible pollutants are not stored under watertight conditions. Watertight conditions are defined as (1) storage in a watertight container, (2) storage under a watertight roof or within a building, or (3) protected by temporary cover and containment that prevents stormwater contact and runoff from the storage area.
- Materials or wastes containing potential non-visible pollutants are stored under watertight conditions, but (1) a breach, malfunction, leakage, or spill is observed, (2) the leak or spill is not cleaned up prior to the rain event, and (3) there is the potential for discharge of non-visible pollutants to surface waters or a storm drain system.
- A construction activity, including but not limited to those in Section 2.6, with the potential to contribute non-visible pollutants (1) was occurring during or within 24 hours prior to the rain event, (2) BMPs were observed to be breached, malfunctioning, or improperly implemented, and (3) there is the potential for discharge of non-visible pollutants to surface waters or a storm drain system.
- Soil amendments that have the potential to change the chemical properties, engineering properties, or erosion resistance of the soil have been applied, and there is the potential for discharge of non-visible pollutants to surface waters or a storm drain system.
- Stormwater runoff from an area contaminated by historical usage of the site has been observed to combine with stormwater runoff from the site, and there is the potential for discharge of non-visible pollutants to surface waters or a storm drain system.

7.7.1.2 Sampling Locations

Sampling locations are based on proximity to planned non-visible pollutant storage, occurrence or use; accessibility for sampling, and personnel safety. Planned non-visible pollutant sampling locations are shown on the Site Maps in Appendix B and include the locations identified in Table 7.5 through 7.10.

[Enter Number] sampling location(s) on the project site and the contractor's yard have been identified for the collection of samples of runoff from planned material and waste storage areas and areas where non-visible pollutant producing construction activities are planned.

[If applicable]

Table 7.6 Non-Visible Pollutant Sample Locations – Contractors' Yard

Sample Location Number	Sample Location Description	Sample Location Latitude and Longitude (Decimal Degrees)
[Enter Number]	[Enter Location]	[Enter Latitude] [Enter Longitude]
[Enter Number]	[Enter Location]	[Enter Latitude] [Enter Longitude]

[Enter number of locations] sampling locations have been identified for the collection of samples of runoff from drainage areas where soil amendments will be applied that have the potential to affect water quality.

[If applicable]

Table 7.7 Non-Visible Pollutant Sample Locations – Soil Amendment Areas

Sample Location Number	Sample Location	Sample Location Latitude and Longitude (Decimal Degrees)
[Enter Number]	[Enter Location]	[Enter Latitude] [Enter Longitude]
[Enter Number]	[Enter Location]	[Enter Latitude] [Enter Longitude]

[Enter number of locations] sampling locations have been identified for the collection of samples of runoff from drainage areas contaminated by historical usage of the site.

[If applicable]

Table 7.8 Non-Visible Pollutant Sample Locations – Areas of Historical Contamination

Sample Location Number	Sample Location	Sample Location Latitude and Longitude (Decimal Degrees)
[Enter Number]	[Enter Location]	[Enter Latitude] [Enter Longitude]
[Enter Number]	[Enter Location]	[Enter Latitude] [Enter Longitude]

[Enter Number] sampling location(s) has been identified for the collection of an uncontaminated sample of runoff as a background sample for comparison with the samples being analyzed for non-visible pollutants. This location(s) was selected such that the sample will not have come in contact with the operations, activities, or areas identified in Section 7.7.1 or with disturbed soils areas.

[If applicable]

Table 7.9 Non-Visible Pollutant Sample Locations – Background (Unaffected Sample)

Sample Location Number	Sample Location	Sample Location Latitude and Longitude (Decimal Degrees)
[Enter Number]	[Enter Location]	[Enter Latitude] [Enter Longitude]
[Enter Number]	[Enter Location]	[Enter Latitude] [Enter Longitude]

Table 7.10 Non-Visible Pollutant Sample Locations – Site Run-On

Sample Location Number	Sample Location	Sample Location Latitude and Longitude (Decimal Degrees)
[Enter Number]	[Enter Location]	[Enter Latitude] [Enter Longitude]
[Enter Number]	[Enter Location]	[Enter Latitude] [Enter Longitude]

If a stormwater visual monitoring site inspection conducted prior to or during a storm event identifies the presence of a material storage, waste storage, or operations area with spills or the potential for the discharge of non-visible pollutants to surface waters or a storm drain system that is at a location not listed above and has not been identified on the Site Maps, sampling locations will be selected by the QSP using the same rationale as that used to identify planned locations. Non-visible pollutant sampling locations shall be identified by the QSP on the pre-rain event inspection form [and/or Rain Event Action Plan] prior to a forecasted qualifying rain event.

7.7.1.3 Monitoring Preparation

Non-visible pollutant samples will be collected by:

Contractor	☐ Yes	☐ No
Consultant	☐ Yes	☐ No
Laboratory	☐ Yes	☐ No

Samples on the project site will be collected by the following contractor sampling personnel:

Name/Telephone Number:	
Alternate(s)/Telephone Number:	

An adequate stock of monitoring supplies and equipment for monitoring non-visible pollutants will be available on the project site prior to a sampling event. Monitoring supplies and equipment will be stored in a cool temperature environment that will not come into contact with rain or direct sunlight. Sampling personnel will be available to collect samples in accordance with the sampling schedule. Supplies maintained at the project site will include, but are not limited to, clean powder-free nitrile gloves, sample collection equipment, coolers, appropriate number and volume of sample bottles, identification labels, re-sealable storage bags, paper towels, personal rain gear, ice, and *Effluent Sampling Field Log Sheets* and Chain of Custody (CoC) forms, which are provided in CSMP Attachment 3 "Example Forms".

Samples on the project site will be collected by the following [specify laboratory or environmental consultant]:

Company Name:	
Street Address:	
City, State Zip:	
Telephone Number:	
Point of Contact:	
Name of Sampler(s):	
Name of Alternate(s):	

The QSP or his/her designee will contact [specify name of laboratory or environmental consultant] 24 hours prior to a predicted rain event or for an unpredicted event, as soon as a rain event begins if one of the triggering conditions is identified during an inspection to ensure that adequate sample collection personnel and supplies for monitoring non-visible pollutants are available and will be mobilized to collect samples on the project site in accordance with the sampling schedule.

7.7.1.4 Analytical Constituents

Table 7.11 lists the specific sources and types of potential non-visible pollutants on the project site and the water quality indicator constituent(s) for that pollutant.

Table 7.11 Potential Non-Visible Pollutants and Water Quality Indicator Constituents

Pollutant Source	Pollutant	Water Quality Indicator Constituent

INSTRUCTIONS: RESOURCE – USE TO CREATE PROJECT SPECIFIC TABLE

Common Non-Visible Pollutants and Water Quality Indicator Constituents Worksheet	
General Work Activity/Potential Pollutants	**Water Quality Indicators of Potential Constituents** (Review product literature and Material Safety Data Sheets to confirm potential constituents)
Adhesives	COD, Phenols, SVOCs
Asphalt Work	VOCs
Cleaning	
Acids	pH
Bleaches	Residual chlorine
TSP	Phosphate
Solvents	VOCs, SVOCs
Detergents	MBAS
Concrete / Masonry Work	
Sealant (Methyl methacrylate)	SVOC
Curing compounds	VOCs, SVOCs, pH
Ash, slag, sand	pH, Al, Ca, Va, Zn
Drywall	Cu, Al, General Minerals
Framing / Carpentry	
Treated Wood	Cu, Cr, As, Zn
Particle board	Formaldehyde
Untreated wood	BOD
Grading / Earthworks	
Gypsum / Lime amendments	pH
Contaminated Soil	Constituents specific to known contaminants, check with Laboratory
Heating, Ventilation, Air Conditioning	Freon
Insulation	Al, Zn
Landscaping	
Pesticides/Herbicides	Product dependent, see label and check with Laboratory
Fertilizers	TKN, NO_3, BOD, COD, DOC, Sulfate, NH_3,

Common Non-Visible Pollutants and Water Quality Indicator Constituents Worksheet	
General Work Activity/Potential Pollutants	**Water Quality Indicators of Potential Constituents** (Review product literature and Material Safety Data Sheets to confirm potential constituents)
	Phosphate, Potassium
Aluminum sulfate	Al, TDS, Sulfate
Liquid Waste	Constituents specific to materials, check with Laboratory
Painting	
Resins	COD, SVOCs
Thinners	COD, VOCs
Paint strippers	VOCs, SVOCs, metals
Lacquers, varnishes, enamels	COD, VOCs, SVOCs
Sealants	COD
Adhesives	Phenols, SVOCs
Planting / Vegetation Management	
Vegetation stockpiles	BOD
Fertilizers	TKN, NO_3, BOD, COD, DOC, sulfate, NH_3, Phosphate, Potassium
Pesticides/Herbicides	Product dependent, see label and check with Laboratory
Plumbing	
Solder, flux, pipe fitting	Cu, Pb, Sn, Zn
Pools and Fountains	Residual chlorine, Cu, chloramines
Removal of existing structures	Zn, VOCs, PCBs (see also other applicable activity categories, e.g., grading, painting)
Roofing	Cu, Pb, VOCs
Sanitary Waste Sewer line breaks and Portable Toilets (using clear fluid – blue fluid is visible if discharged)	BOD, Total/Fecal coliform
Soil Preparation / Amendments/Dust Control	
Polymer/Co-polymers	TKN, NO_3, BOD, COD, DOC, Sulfate, Ni
Lignin sulfate	TDS, alkalinity
Psyllium	COD, TOC

Common Non-Visible Pollutants and Water Quality Indicator Constituents Worksheet	
General Work Activity/Potential Pollutants	**Water Quality Indicators of Potential Constituents** (Review product literature and Material Safety Data Sheets to confirm potential constituents)
Guar/Plant Gums	COD, TOC, Ni
Solid Waste (leakage)	BOD
Utility Line Testing and Flushing	Residual chlorine, chloramines
Vehicle and Equipment Use	
Batteries	Sulfuric acid; Pb, pH

Adapted from *Attachment S, Caltrans SWPPP/WPCP Preparation Manual, February 2003*, and *CASQA Construction BMP Handbook*, 2003

7.7.1.5 Sample Collection

Samples of discharge shall be collected at the designated non-visible pollutant sampling locations shown on the Site Maps in Appendix B or in the locations determined by observed breaches, malfunctions, leakages, spills, operational areas, soil amendment application areas, and historical site usage areas that triggered the sampling event.

Grab samples shall be collected and preserved in accordance with the methods identified in the Table, "Sample Collection, Preservation and Analysis for Monitoring Non-Visible Pollutants" provided in Section 7.7.1.6. Only the QSP, or personnel trained in water quality sampling under the direction of the QSP shall collect samples.

Sample collection and handling requirements are described in Section 7.7.7.

7.7.1.6 Sample Analysis

Samples shall be analyzed using the analytical methods identified in the Table 7.12.

Samples will be analyzed by:

Laboratory Name:	
Street Address:	
City, State Zip:	
Telephone Number:	
Point of Contact:	
ELAP Certification Number:	

Samples will be delivered to the laboratory by:

Driven by Contractor	☐ Yes	☐ No
Picked up by Laboratory Courier	☐ Yes	☐ No
Shipped	☐ Yes	☐ No

Table 7.12 Sample Collection, Preservation and Analysis for Monitoring Non-Visible Pollutants

Constituent	Analytical Method	Minimum Sample Volume	Sample Containers	Sample Preservation	Reporting Limit	Maximum Holding Time
Notes:						

7.7.1.7 Data Evaluation and Reporting

The QSP shall complete an evaluation of the water quality sample analytical results.

Runoff/downgradient results shall be compared with the associated upgradient/unaffected results and any associated run-on results. Should the runoff/downgradient sample show an increased level of the tested analyte relative to the unaffected background sample, which cannot be explained by run-on results, the BMPs, site conditions, and surrounding influences shall be assessed to determine the probable cause for the increase.

As determined by the site and data evaluation, appropriate BMPs shall be repaired or modified to mitigate discharges of non-visible pollutant concentrations. Any revisions to the BMPs shall be recorded as an amendment to the SWPPP.

The General Permit prohibits the storm water discharges that contain hazardous substances equal to or in excess of reportable quantities established in 40 C.F.R. §§ 117.3 and 302.4. The results of any non-stormwater discharge results that indicate the presence of a hazardous substance in excess of established reportable quantities shall be immediately reported to the Regional Water Board and other agencies as required by 40 C.F.R. §§ 117.3 and 302.4.

Results of non-visible pollutant monitoring shall be reported in the Annual Report.

7.7.2 Sampling and Analysis Plan for pH and Turbidity in Stormwater Runoff Discharges

Sampling and analysis of runoff for pH and turbidity is not required for Risk Level 1 projects.

7.7.2.1 Sampling Schedule

Stormwater runoff samples shall be collected for turbidity from all qualifying rain events that result in a discharge from the project site. At minimum, turbidity samples will be collected from each site discharge location draining a disturbed area. A minimum of three samples will be collected per day of discharge during a qualifying event. Samples should be representative of the total discharge from the project each day of discharge during the qualifying event. Typically representative samples will be spaced in time throughout the daily discharge event.

Stormwater runoff samples shall be collected for pH from all qualifying rain events that result in a discharge from the project site. At minimum, pH samples will be collected from each site discharge location during project phases and drainage areas with a high risk of pH discharge. A minimum of three samples will be collected per day of discharge during a qualifying event. Samples should be representative of the total discharge from the location each day of discharge during the qualifying event. Typically representative samples will be spaced in time throughout the daily discharge event.

Stored or collected water from a qualifying storm event when discharged shall be tested for turbidity and pH (when applicable). Stored or collected water from a qualifying event may be sampled at the point it is released from the storage or containment area or at the site discharge location.

Run-on samples shall be collected whenever the QSP identifies that run-on has the potential to contribute to an exceedance of a NAL [or a NEL].

7.7.2.2 Sampling Locations

Sampling locations are based on the site runoff discharge locations and locations where run-on enters the site; accessibility for sampling; and personnel safety. Planned pH and turbidity sampling locations are shown on the Site Maps in Appendix B and include the locations identified in Table 7.13 and Table 7-14.

[Enter Number] sampling location(s) on the project site and the contractor's yard have been identified for the collection of runoff samples. Table 7.13 also provides an estimate of the site's area that drains to each location.

Table 7.13 Turbidity and pH Runoff Sample Locations

Sample Location Number	Sample Location	Estimate of Site Drainage [Factor] (%)
[Enter Number]	[Enter Location]	[Enter Percent]
[Enter Number]	[Enter Location]	[Enter Percent]

Table 7.14 Turbidity and pH Run-On Sample Locations

Sample Location Number	Sample Location	Sample Location Latitude and Longitude (Decimal Degrees)
[Enter Number]	[Enter Location]	[Enter Latitude] [Enter Longitude]
[Enter Number]	[Enter Location]	[Enter Latitude] [Enter Longitude]

The project does not receive run-on with the potential to exceed NALs or NELs.

7.7.2.3 Monitoring Preparation

Turbidity and pH samples will be collected and analyzed by:

Contractor ☐ Yes ☐ No

Consultant ☐ Yes ☐ No

Laboratory ☐ Yes ☐ No

Samples on the project site will be collected by the following contractor sampling personnel:

Name/Telephone Number:

Alternate(s)/Telephone Number:

An adequate stock of monitoring supplies and equipment for monitoring turbidity and will be available on the project site prior to a sampling event. Monitoring supplies and equipment will be stored in a cool temperature environment that will not come into contact with rain or direct sunlight. Sampling personnel will be available to collect samples in accordance with the sampling schedule. Supplies maintained at the project site will include, but are not limited to, field meters, extra batteries; clean powder-free nitrile gloves, sample collection equipment, appropriate sample containers, paper towels, personal rain gear, and *Effluent Sampling Field Log Sheets* and CoC forms provided in CSMP Attachment 3 "Example Forms".

The contractor will obtain and maintain the field testing instruments, as identified in Section 7.7.2.6, for analyzing samples in the field by contractor sampling personnel.

Samples on the project site will be collected by the following [specify laboratory or environmental consultant]:

Company Name:

Street Address:

City, State, Zip:

Telephone Number:

Point of Contact:

Name of Sampler(s):

Name of Alternate(s):

The QSP or his/her designee will contact [specify name of laboratory or environmental consultant] 24 hours prior to a predicted rain event or for an unpredicted event, as soon as a rain event begins to ensure that adequate sample collection personnel, supplies for monitoring pH and turbidity are available and will be mobilized to collect samples on the project site in accordance with the sampling schedule.

7.7.2.4 Field Parameters

Samples shall be analyzed for the constituents indicated in the table below "Sample Collection, and Analysis for Monitoring Turbidity and pH."

Table 7.15 Sample Collection and Analysis for Monitoring Turbidity and pH

Parameter	Test Method	Minimum Sample Volume[(1)]	Sample Collection Container Type	Detection Limit (minimum)
Turbidity	Field meter/probe with calibrated portable instrument	500 mL	Polypropylene or Glass (Do not collect in meter sample cells)	1 NTU
pH	Field meter/probe with calibrated portable instrument or calibrated pH test kit	100 mL	Polypropylene	0.2 pH units

Notes: [1] Minimum sample volume recommended. Specific volume requirements will vary by instrument; check instrument manufacturer instructions.

L – Liter
mL – Milliliter
NTU – Nephelometric Turbidity Unit

7.7.2.5 Sample Collection

Samples of discharge shall be collected at the designated runoff and run-on sampling locations shown on the Site Maps in Appendix B. Run-on samples shall be collected within close proximity of the point of run-on to the project.

Only personnel trained in water quality sampling and field measurements working under the direction of the QSP shall collect samples.

Sample collection and handling requirements are described in Section 7.7.7.

7.7.2.6 Field Measurements

Samples collected for field analysis, collection, analysis and equipment calibration shall be in accordance with the field instrument manufacturer's specifications.

Immediately following collection, samples for field analysis shall be tested in accordance with the field instrument manufacturer's instructions and results recorded on the *Effluent Sampling Field Log Sheet*.

The field instrument(s) listed in Table 7.16 will be used to analyze the following constituents:

Table 7.16 Field Instruments

Field Instrument (Manufacturer and Model)	Constituent
	pH
	Turbidity

The manufacturers' instructions are included in CSMP Attachment 4 "Field Meter Instructions". Field sampling staff shall review the instructions prior to each sampling event and follow the instructions in completing measurement of the samples.

- The instrument(s) shall be maintained in accordance with manufacturer's instructions.
- The instrument(s) shall be calibrated before each sampling and analysis event.
- Maintenance and calibration records shall be maintained with the SWPPP.

The QSP may authorize alternate equipment provided that the equipment meets the Construction General Permit's requirements and the manufacturers' instructions for calibration and use are added to CSMP Attachment 4 "Field Meter Instructions".

7.7.2.7 Data Evaluation and Reporting

Immediately upon completing the measurements for the sampling event, provide the *Effluent Sampling Field Log Sheets* to the QSP for evaluation.

Table 7.17 Numeric Action Levels

Parameter	Unit	Daily Average
pH	pH units	Lower NAL = 6.5 Upper NAL = 8.5
Turbidity	NTU	250 NTU

The QSP shall within [Enter Number] days of the sample collection submit copies of the completed *Effluent Sampling Field Log Sheets* to [Name of Owners Representative].

In the event that the pH or turbidity NAL is exceeded, the QSP shall immediately notify [Name of Owners Representative] and investigate the cause of the exceedance and identify corrective actions.

Exceedances of NALs shall be electronically reported to the State Water Board by [Name of Owners Representative] through the SMARTs system within 10 days of the conclusion of the storm event. If requested by the Regional Board, a NAL Exceedance report will be submitted. The NAL Exceedance Report must contain the following information:

- Analytical method(s), method reporting unit(s), and MDL(s) of each parameter;
- Date, place, time of sampling, visual observation, and/or measurements, including precipitation; and
- Description of the current BMPs associated with the sample that exceeded the NAL and the proposed corrective actions taken.

Table 7.18 Numeric Effluent Limits Levels

Parameter	Unit	Daily Average
pH	pH units	Lower NEL = 6.0 Upper NEL = 9.0
Turbidity	NTU	500 NTU

All pH and turbidity data shall be electronically reported to the State Water Board by [Name of Owners Representative] through SMARTS within 5 days of the conclusion of each storm event.

In the event that the pH or turbidity NEL is exceeded, the QSP shall immediately notify [Name of Owners Representative] and investigate the cause of the exceedance and identify corrective actions. Based on the results of the investigation, the QSP shall complete a NEL Violation Report.

[Name of Owners Representative] shall implement the NEL exceedance reporting procedures.

[Name of Owners Representative] shall electronically submit a NEL Violation Report through SMARTS within 24 hours identifying the exceedance. The NEL Violation Report must contain the following information:

- Analytical method(s), method reporting unit(s), and MDL(s) of each parameter;
- Date, place, time of sampling, visual observation, and/or measurements, including precipitation; and
- Description of the current BMPs associated with the sample that exceeded the NEL and the proposed corrective actions taken.

In the event that an NEL was exceeded during a storm event equal to or larger than the compliance storm event ([Enter Number from Section 7.3] inches of rain in a 24 hour period), the NEL report entered in to SMARTS must also contain readings from the on-site rain gauge and nearby governmental rain gauge readings for verification.

In the event that the NEL exceedance was caused by run-on from a natural disaster (such as a forest fire) a NEL exemption justification shall be submitted with NEL report entered into SMARTS.

7.7.3 Additional Monitoring Following an NEL Exceedance

7.7.3.1 Sampling and Analysis Plan for Suspended Sediment Concentration in Stormwater Runoff Discharges

7.7.3.1.1. Sampling Schedule and Locations

When required, stormwater runoff discharge samples shall be collected for SSC from all qualifying rain events that result in a discharge from the project site. At minimum, SSC samples will be collected from each site discharge location where turbidity samples are collected. A minimum of three representative samples will be collected per day of discharge from a qualifying event.

Sampling locations are listed in Section 7.7.2.2.

7.7.3.1.2. Monitoring Preparation

SSC samples will be collected by:

Contractor	☐ Yes	☐ No
Consultant	☐ Yes	☐ No
Laboratory	☐ Yes	☐ No

Samples on the project site will be collected by the following contractor sampling personnel:

Name/Telephone Number:	
Alternate(s)/Telephone Number:	

An adequate stock of monitoring supplies and equipment for monitoring SSC will be available on the project site prior to a sampling event. Monitoring supplies and equipment will be stored in a cool temperature environment that will not come into contact with rain or direct sunlight. Sampling personnel will be available to collect samples in accordance with the sampling schedule. Supplies maintained at the project site will include, but are not limited to, clean powder-free nitrile gloves, sample collection equipment, appropriate sample containers, paper towels, personal rain gear, and *Effluent Sampling Field Log Sheets* and CoC forms provided in CSMP Attachment 3 "Example Forms".

Samples on the project site will be collected by the following [specify laboratory or environmental consultant]:

Company Name:	
Street Address:	
City, State, Zip:	
Telephone Number:	
Point of Contact:	
Name of Sampler(s):	

Name of Alternate(s):

The QSP or his/her designee will contact [specify name of laboratory or environmental consultant] 24 hours prior to a predicted rain event or for an unpredicted event, as soon as a rain event begins to ensure that adequate sample collection personnel, supplies for monitoring SSC are available and will be mobilized to collect samples on the project site in accordance with the sampling schedule.

7.7.3.1.3. Sample Collection and Analysis

Samples of runoff discharge shall be collected at the designated sampling locations shown on the Site Maps in Appendix B.

Grab samples shall be collected and preserved in accordance with the methods identified in the Table 7.19. Only personnel trained in water quality sampling under the direction of the QSP shall collect samples.

Sample collection and handling requirements are described in Section 7.7.7.

Table 7.19 Sample Collection, Preservation and Analysis for Monitoring Suspended Sediment Concentration (SSC)

Parameter	Test Method	Sample Preservation	Minimum Sample Volume[(1)]	Sample Bottle	Maximum Holding Time	Detection Limit (minimum)
Suspended Sediment Concentration (SSC)	ASTM D3977-97	Store at 4˚ C (39.2˚ F)	200 mL	Contact Laboratory	7 days	5 mg/L

Samples will be analyzed by:

Laboratory Name:

Street Address:

City, State Zip:

Telephone Number:

Point of Contact:

Samples will be delivered to the laboratory by:

Driven by Contractor	☐ Yes	☐ No
Picked up by Laboratory Courier	☐ Yes	☐ No
Shipped	☐ Yes	☐ No

7.7.3.1.4. Data Evaluation

There are no regulatory limitations on SSC in runoff. SSC data shall be reported with the Annual Report.

7.7.3.2 Sampling and Analysis Plan for pH, Turbidity, and SSC in Receiving Water

Following the exceedance of an NEL receiving water monitoring is required.

7.7.3.2.1. Sampling Schedule and Locations

Following the exceedance of the pH NEL receiving water samples shall be collected for pH and any parameters required by the Regional Water Board.

Following the exceedance of the turbidity NEL receiving water samples shall be collected for turbidity, SSC, and any parameters required by the Regional Water Board.

Receiving water samples will be collected [Enter Sampling Frequency].

Sampling locations are based on the site discharge locations into the receiving water, location accessibility for sampling, and personnel safety. Planned sampling locations Site Maps in Appendix B and include the locations identified below.

[Enter Number] sampling location(s) have been identified for the collection of receiving water samples.

Table 7.20 Receiving Water Sample Locations

Upstream/Upgradient/Background *(This location(s) is a representative and accessible location located as close as possible and upstream from the runoff discharge point)*		
Sample location number(s)	Sample Location Description	Sample Location Latitude and Longitude
[Enter Number]	[Enter Location]	[Enter Latitude] [Enter Longitude]
[Enter Number]	[Enter Location]	[Enter Latitude] [Enter Longitude]
Downstream/downgradient *(This location(s) is a representative and accessible location located as close as possible and downstream from the runoff discharge point)*		
Sample location number(s)	Sample Location	Sample Location Latitude and Longitude
[Enter Number]	[Enter Location]	[Enter Latitude] [Enter Longitude]
[Enter Number]	[Enter Location]	[Enter Latitude] [Enter Longitude]

7.7.3.2.2. Monitoring Preparation

Receiving water samples will be collected and analyzed by:

Contractor ☐ Yes ☐ No

Consultant ☐ Yes ☐ No

Laboratory ☐ Yes ☐ No

Samples on the project site will be collected by the following contractor sampling personnel:

Name/Telephone Number:

Alternate(s)/Telephone Number:

An adequate stock of monitoring supplies and equipment for monitoring the receiving will be available on the project site prior to a sampling event. Monitoring supplies and equipment will be stored in a cool temperature environment that will not come into contact with rain or direct sunlight. Sampling personnel will be available to collect samples in accordance with the sampling schedule. Supplies maintained at the project site will include, but are not limited to, clean powder-free nitrile gloves, sample collection equipment, field meters, appropriate sample

containers, paper towels, personal rain gear, and *Receiving Water Sampling Field Log Sheets* and CoC forms provided in CSMP Attachment 3 "Example Forms".

Samples on the project site will be collected by the following [specify laboratory or environmental consultant]:

Company Name:	
Street Address:	
City, State, Zip:	
Telephone Number:	
Point of Contact:	
Name of Sampler(s):	
Name of Alternate(s):	

The QSP or his/her designee will contact [specify name of laboratory or environmental consultant] 24 hours prior to a planned receiving water sampling event to ensure that adequate sample collection personnel, supplies for monitoring are available and will be mobilized to collect samples on the project site in accordance with the sampling schedule.

7.7.3.2.3. Sample Collection and Analysis

Receiving water samples shall be collected at the designated sampling locations shown on the Site Maps in Appendix B and as identified in Section 7.7.3.2.1.

Only personnel trained in water quality sampling under the direction of the QSP shall collect samples.

SSC grab samples for laboratory analysis shall be collected and preserved in accordance with the methods identified in the Table, "Sample Collection, Preservation and Analysis for Monitoring SSC" table provided in Section 7.7.3.1.3. Samples will be shipped to the laboratory identified in Section 7.7.3.1.3.

Samples for field parameters shall be analyzed for the constituents indicated in Section 7.7.2.4, "Sample Collection, and Analysis for Monitoring Turbidity and pH." Turbidity and pH samples shall be analyzed immediately.

Grab samples for parameters required by the Regional Water Board shall be collected and preserved in accordance with the methods identified Section 7.7.5.5. Samples will be shipped to the laboratory identified in Section 7.7.1.6.

Sample collection and handling requirements are described in Section 7.7.7.

7.7.3.2.3. Data Evaluation and Reporting

The QSP shall complete an evaluation of the receiving water quality sample analytical results.

Downgradient results shall be compared with the associated upgradient/background results and any associated construction runoff results. Should the downgradient sample show an increased level of the tested analyte relative to the upgradient/background sample, the QSP shall initiate an

evaluation of the BMPs, site conditions, and surrounding influences shall be assessed to determine the probable cause for the increase in the receiving water.

As determined by the evaluation, appropriate BMPs shall be repaired or modified to mitigate discharges of non-visible pollutant concentrations. Any revisions to the BMPs shall be recorded as an amendment to the SWPPP.

Receiving water data shall be reported in the Annual Report.

7.7.4 Sampling and Analysis Plan for Non-Stormwater Discharges

This project is not subject to the non-stormwater sampling and analysis requirements of the General Permit because it is a Risk Level 1 project.

Sampling of non-stormwater discharges will be conducted when an authorized or unauthorized non-stormwater discharge is observed discharging from the project site. In the event that non-stormwater discharges run-on to the project site from offsite locations, and this run-on has the potential to contribute to a violation of a NAL [or NEL], the run-on will also be sampled.

The following authorized non-stormwater discharges identified in Section 2.7, have the potential to be discharged from the project site.

- [NONE]
- [NONE]

In addition to the above authorized stormwater discharges, some construction activities have the potential to result in an unplanned (unauthorized) non-stormwater discharge if BMPs fail. These activities include:

- [NONE]
- [NONE]

7.7.4.1 Sampling Schedule

Samples of authorized or unauthorized non-stormwater discharges shall be collected when they are observed.

7.7.4.2 Sampling Locations

Samples shall be collected from the discharge point of the construction site where the non-stormwater discharge is running off the project site. Site discharge locations are shown on the Site Maps in SWPPP Appendix A and include the locations identified below.

[Enter Number] sampling location(s) on the project site and the contractor's yard have been identified where non-stormwater discharges may runoff from the project site.

[If applicable]

Sample Location Number	Sample Location	Sample Location Latitude and Longitude (Decimal Degrees)
[Enter Number]	[Enter Location]	[Enter Latitude] [Enter Longitude]
[Enter Number]	[Enter Location]	[Enter Latitude] [Enter Longitude]

[Enter number of locations] sampling locations have been identified for the collection of non-stormwater discharges that run-on to the project site.

Sample Location Number	Sample Location	Sample Location Latitude and Longitude (Decimal Degrees)
[Enter Number]	[Enter Location]	[Enter Latitude] [Enter Longitude]
[Enter Number]	[Enter Location]	[Enter Latitude] [Enter Longitude]

7.7.4.3 Monitoring Preparation

Non-stormwater discharge samples will be collected by:

Contractor ☐ Yes ☐ No

Consultant ☐ Yes ☐ No

Laboratory ☐ Yes ☐ No

Samples on the project site will be collected by the following contractor sampling personnel:

Name/Telephone Number:

Alternate(s)/Telephone Number:

An adequate stock of monitoring supplies and equipment for monitoring non-stormwater discharges will be available on the project site. Monitoring supplies and equipment will be stored in a cool temperature environment that will not come into contact with rain or direct sunlight. Personnel trained in sampling will be available to collect samples in accordance with the sampling schedule. Supplies maintained at the project site will include, but are not limited to, clean powder-free nitrile gloves, sample collection equipment, field meters, coolers, appropriate number and volume of sample bottles, identification labels, re-sealable storage bags, paper towels, personal rain gear, ice, and *Effluent Sampling Field Log Sheets* and CoC forms provided in CSMP Attachment 3 "Example Forms".

The contractor will obtain and maintain the field testing instruments, as identified in Section 7.7.2, for analyzing samples in the field by contractor sampling personnel.

Samples on the project site will be collected by the following [specify laboratory or environmental consultant]:

Company Name:	
Street Address:	
City, State Zip:	
Telephone Number:	
Point of Contact:	
Name of Sampler(s):	
Name of Alternate(s):	

The QSP or his/her designee will contact [specify name of laboratory or environmental consultant], 24 hours prior to a planned non-stormwater discharge or as soon as an unplanned non-stormwater discharge is observed to ensure that adequate sample collection personnel, supplies for non-stormwater discharge monitoring are available and will be mobilized to collect samples on the project site in accordance with the sampling schedule.

7.7.4.4 Analytical Constituents

All non-stormwater discharges that flow through a disturbed area shall, at minimum, be monitored for turbidity.

All non-stormwater discharges that flow through an area where they are exposed to pH altering materials shall be monitored for pH.

The QSP shall identify additional pollutants to be monitored for each non-stormwater discharge incident based on the source of the non-stormwater discharge. If the source of an unauthorized non-stormwater discharge is not known, monitoring for pH, turbidity, MBAS, TOC, and residual chlorine or chloramines is recommended to help identify the source of the discharge.

Non-stormwater discharge run-on shall be monitored, at minimum, for pH and turbidity. The QSP shall identify additional pollutants to be monitored for each non-stormwater discharge incident based on the source of the non-stormwater discharge. If the source of an unauthorized non-stormwater discharge is not known, monitoring for pH, turbidity, MBAS, TOC, and residual chlorine or chloramines is recommended to help identify the source of the discharge.

Table 7.21 lists the specific sources and types of potential non-visible pollutants on the project site and the water quality indicator constituent(s) for that pollutant.

Table 7.21 Potential Non-Stormwater Discharge Pollutants and Water Quality Indicator Constituents

Pollutant Source	Pollutant	Water Quality Indicator Constituent
Disturbed Areas	Sediment	Turbidity
Concrete Work	pH	pH

Table 7.21 Potential Non-Stormwater Discharge Pollutants and Water Quality Indicator Constituents

Pollutant Source	Pollutant	Water Quality Indicator Constituent

7.7.4.5 Sample Collection

Samples shall be collected at the discharge locations where the non-stormwater discharge is leaving the project site. Potential discharge locations are shown on the Site Maps in Appendix B and identified in Section 7.7.4.2.

Grab samples shall be collected and preserved in accordance with the methods identified in Table 7.22. Only personnel trained in water quality sampling under the direction of the QSP shall collect samples.

Sample collection and handling requirements are described in Section 7.7.7.

7.7.4.6 Sample Analysis

Samples shall be analyzed using the analytical methods identified in Table 7.22.

7.7.4.7 Data Evaluation and Reporting

The QSP shall complete an evaluation of the water quality sample analytical results.

Turbidity and pH results shall be evaluated for compliance with NALs [and NELs] as identified in Section 7.7.2.7.

Runoff results shall also be evaluated for the constituents suspected in the non-stormwater discharge. Should the runoff sample indicate the discharge of a pollutant which cannot be explained by run-on results, the BMPs, site conditions, and surrounding influences shall be assessed to determine the probable cause for the increase.

As determined by the site and data evaluation, appropriate BMPs shall be repaired or modified to mitigate discharges of non-visible pollutant concentrations. Any revisions to the BMPs shall be recorded as an amendment to the SWPPP.

Non-storm water discharge results shall be submitted with the Annual Report.

The General Permit prohibits the non-storm water discharges that contain hazardous substances equal to or in excess of reportable quantities established in 40 C.F.R. §§ 117.3 and 302.4. The results of any non-stormwater discharge results that indicate the presence of a hazardous substance in excess of established reportable quantities shall be immediately reported to the Regional Water Board.

Table 7.22 Sample Collection, Preservation and Analysis for Monitoring Pollutants in Non-Stormwater Discharges

Constituent	Analytical Method	Minimum Sample Volume	Sample Bottle	Sample Preservation	Reporting Limit	Maximum Holding Time
Notes:						

7.7.5 Sampling and Analysis Plan for Other Pollutants Required by the Regional Water Board

The Regional Water Board has specified monitoring for the following additional pollutants:

-
-

This Sampling and Analysis Plan describes the sampling and analysis strategy and schedule for monitoring additional pollutants as specified in the communication from the Regional Water Board dated [Enter Date]. This communication is included in CSMP Attachment 5 "Supplemental Information".

7.7.5.1 Sampling Schedule

Runoff samples shall be collected for [Enter Pollutants] from all qualifying rain events that result in a discharge from the project site. At minimum, samples will be collected from each site discharge location. A minimum of [Enter Number of Samples]samples will be collected per day of discharge from a qualifying event. Samples should be representative of the total discharge from the location each day of discharge during the qualifying event. Typically representative samples will be spaced in time throughout the daily discharge event.

Stored or collected water from a qualifying storm event will be sampled when discharged. Stored or collected water from a qualifying event may be sampled at the point it is release from the storage or containment area or at the site discharge location.

7.7.5.2 Sampling Locations

Sampling locations are based on the site discharge locations; accessibility for sampling; and personnel safety. Planned sample locations are shown on the Site Maps in Appendix B and include the locations identified below.

[Enter Number] sampling location(s) on the project site and the contractor's yard have been identified for the collection of runoff samples.

Table 7.23 Runoff Sample Locations for Other Pollutants Required by the Regional Water Board

Sample Location Number	**Sample Location**	**Sample Location Latitude and Longitude** (Decimal Degrees)
[Enter Number]	[Enter Location]	[Enter Latitude] [Enter Longitude]
[Enter Number]	[Enter Location]	[Enter Latitude] [Enter Longitude]

Sample Location Number	Sample Location	Sample Location Latitude and Longitude (Decimal Degrees)
[Enter Number]	[Enter Location]	[Enter Latitude] [Enter Longitude]
[Enter Number]	[Enter Location]	[Enter Latitude] [Enter Longitude]

7.7.5.3 Monitoring Preparation

Samples will be collected by:

Contractor ☐ Yes ☐ No

Consultant ☐ Yes ☐ No

Laboratory ☐ Yes ☐ No

Samples on the project site will be collected by the following contractor sampling personnel:

Name/Telephone Number:

Alternate(s)/Telephone Number:

An adequate stock of monitoring supplies and equipment for monitoring [Enter Pollutants] will be available on the project site prior to a sampling event. Monitoring supplies and equipment will be stored in a cool temperature environment that will not come into contact with rain or direct sunlight. Sampling personnel will be available to collect samples in accordance with the sampling schedule. Supplies maintained at the project site will include, but are not limited to, field meters, and backup; extra batteries; clean powder-free nitrile gloves, sample collection equipment, appropriate sample containers, paper towels, personal rain gear, and *Effluent Sampling Field Log Sheets* and CoC forms provided in CSMP Attachment 3 "Example Forms".

The contractor will obtain and maintain the field testing instruments, as identified in Section 7.7.2, for analyzing samples in the field by contractor sampling personnel.

Samples on the project site will be collected by the following [specify laboratory or environmental consultant]:

Company Name:

Street Address:

City, State, Zip:

Telephone Number:

Point of Contact:

Name of Sampler(s):

Name of Alternate(s):

The QSP or his/her designee will contact [specify name of laboratory or environmental consultant] 24 hours prior to a predicted rain event or for an unpredicted event, as soon as a rain event begins to ensure that adequate sample collection personnel, supplies for monitoring [Enter Pollutants] are available and will be mobilized to collect samples on the project site in accordance with the sampling schedule.

7.7.5.4 Sample Collection

Runoff samples of discharge shall be collected at the designated sampling locations as identified above and shown on the Site Maps in Appendix B and as identified in Section 7.7.5.2.

Grab samples shall be collected and preserved in accordance with the methods identified in Table 7.24. Only personnel trained in water quality sampling under the direction of the QSP shall collect samples.

Sample collection and handling requirements are described in Section 7.7.7.

7.7.5.5 Sample Analysis

Samples shall be analyzed using the analytical methods identified in Table 7.24.

Table 7.24 Sample Collection, Preservation and Analysis for Monitoring Regional Board Required Pollutants

Constituent	Analytical Method	Minimum Sample Volume	Sample Bottle	Sample Preservation	Reporting Limit	Maximum Holding Time
Notes:						

7.7.5.6 Data Evaluation and Reporting

7.7.6 Training of Sampling Personnel

Sampling personnel shall be trained to collect, maintain, and ship samples in accordance with the Surface Water Ambient Monitoring program (SWAMP) 2008 Quality Assurance Program Plan (QAPrP). Training records of designated contractor sampling personnel are provided in Appendix K.

The stormwater sampler(s) and alternate(s) have received the following stormwater sampling training:

Name	Training
	INSERT LIST OF TRAINING COURSES
	INSERT LIST OF TRAINING COURSES

The stormwater sampler(s) and alternates have the following stormwater sampling experience:

Name	Experience
	INSERT LIST OF STORMWATER SAMPLING EXPERIENCE
	INSERT LIST OF STORMWATER SAMPLING EXPERIENCE

7.7.7 Sample Collection and Handling

7.7.7.1 Sample Collection

Samples shall be collected at the designated sampling locations shown on the Site Maps and listed in the preceding sections. Samples shall be collected, maintained and shipped in accordance with the SWAMP 2008 Quality Assurance Program Plan (QAPrP).

Grab samples shall be collected and preserved in accordance with the methods identified in preceding sections.

To maintain sample integrity and prevent cross-contamination, sample collection personnel shall follow the protocols below.

- Collect samples (for laboratory analysis) only in analytical laboratory-provided sample containers;
- Wear clean, powder-free nitrile gloves when collecting samples;
- Change gloves whenever something not known to be clean has been touched;
- Change gloves between sites;
- Decontaminate all equipment (e.g. bucket, tubing) prior to sample collection using a trisodium phosphate water wash, distilled water rinse, and final rinse with distilled water. (Dispose of wash and rinse water appropriately, i.e., do not discharge to storm drain or receiving water). Do not decontaminate laboratory provided sample containers;
- Do not smoke during sampling events;
- Never sample near a running vehicle;

- Do not park vehicles in the immediate sample collection area (even non-running vehicles);
- Do not eat or drink during sample collection; and
- Do not breathe, sneeze, or cough in the direction of an open sample container.

The most important aspect of grab sampling is to collect a sample that represents the entire runoff stream. Typically, samples are collected by dipping the collection container in the runoff flow paths and streams as noted below.

i. For small streams and flow paths, simply dip the bottle facing upstream until full.
ii. For larger stream that can be safely accessed, collect a sample in the middle of the flow stream by directly dipping the mouth of the bottle. Once again making sure that the opening of the bottle is facing upstream as to avoid any contamination by the sampler.
iii. For larger streams that cannot be safely waded, pole-samplers may be needed to safely access the representative flow.
iv. Avoid collecting samples from ponded, sluggish or stagnant water.
v. Avoid collecting samples directly downstream from a bridge as the samples can be affected by the bridge structure or runoff from the road surface.

Note, that depending upon the specific analytical test, some containers may contain preservatives. These containers should **never** be dipped into the stream, but filled indirectly from the collection container.

7.7.7.2 Sample Handling

Turbidity and pH measurements must be conducted immediately. Do not store turbidity or pH samples for later measurement.

Samples for laboratory analysis must be handled as follows. Immediately following sample collection:

- Cap sample containers;
- Complete sample container labels;
- Sealed containers in a re-sealable storage bag;
- Place sample containers into an ice-chilled cooler;
- Document sample information on the *Effluent Sampling Field Log Sheet*; and
- Complete the CoC.

All samples for laboratory analysis must be maintained between 0-6 degrees Celsius during delivery to the laboratory. Samples must be kept on ice, or refrigerated, from sample collection through delivery to the laboratory. Place samples to be shipped inside coolers with ice. Make sure the sample bottles are well packaged to prevent breakage and secure cooler lids with packaging tape.

Ship samples that will be laboratory analyzed to the analytical laboratory right away. Hold times are measured from the time the sample is collected to the time the sample is analyzed. The General Permit requires that samples be received by the analytical laboratory within 48 hours of the physical sampling (unless required sooner by the analytical laboratory).

Laboratory Name:

Address:	
City, State Zip:	
Telephone Number:	
Point of Contact:	

7.7.7.3 Sample Documentation Procedures

All original data documented on sample bottle identification labels, *Effluent Sampling Field Log Sheet*, and CoCs shall be recorded using waterproof ink. These shall be considered accountable documents. If an error is made on an accountable document, the individual shall make corrections by lining through the error and entering the correct information. The erroneous information shall not be obliterated. All corrections shall be initialed and dated.

Duplicate samples shall be identified consistent with the numbering system for other samples to prevent the laboratory from identifying duplicate samples. Duplicate samples shall be identified in the Effluent Sampling Field Log Sheet.

Sample documentation procedures include the following:

Sample Bottle Identification Labels: Sampling personnel shall attach an identification label to each sample bottle. Sample identification shall uniquely identify each sample location.

Field Log Sheets: Sampling personnel shall complete the *Effluent Sampling Field Log Sheet* and *Receiving Water Sampling Field Log Sheet* for each sampling event, as appropriate.

Chain of Custody: Sampling personnel shall complete the CoC for each sampling event for which samples are collected for laboratory analysis. The sampler will sign the CoC when the sample(s) is turned over to the testing laboratory or courier.

7.8 Active Treatment System Monitoring

An Active Treatment System (ATS) will be deployed on the site?

☐ Yes ☒ No

7.9 Bioassessment Monitoring

This project is not subject to bioassessment monitoring because it is not a Risk Level 3 project.

This project is subject to bioassessment monitoring requirements. The bioassessment monitoring program is specified in [Insert the name of plan where the bioassessment monitoring plan is documented].

This project is subject to bioassessment monitoring requirements. The Regional Water Board has approved a bioassessment sampling exception for the project. Documentation of the sampling exception approval and payment to the SWAMP fund is included in CSMP Attachment 5 "Supplemental Information".

7.10 Watershed Monitoring Option

This project is not participating in a watershed monitoring option.

This project is participating in a watershed monitoring option.

[Insert summary of the watershed monitoring and Regional Board approval of the program]

7.11 Quality Assurance and Quality Control

An effective Quality Assurance and Quality Control (QA/QC) plan shall be implemented as part of the CSMP to ensure that analytical data can be used with confidence. QA/QC procedures to be initiated include the following:

- Field logs;
- Clean sampling techniques;
- CoCs;
- QA/QC Samples; and
- Data verification.

Each of these procedures is discussed in more detail in the following sections.

7.11.1 Field Logs

The purpose of field logs is to record sampling information and field observations during monitoring that may explain any uncharacteristic analytical results. Sampling information to be included in the field log include the date and time of water quality sample collection, sampling personnel, sample container identification numbers, and types of samples that were collected. Field observations should be noted in the field log for any abnormalities at the sampling location (color, odor, BMPs, etc.). Field measurements for pH and turbidity should also be recorded in the field log. A Visual Inspection Field Log, an Effluent Sampling Field Log Sheet, [and a Receiving Water Sampling Field Log Sheet] are included in CSMP Attachment 3 "Example Forms".

7.11.2 Clean Sampling Techniques

Clean sampling techniques involve the use of certified clean containers for sample collection and clean powder-free nitrile gloves during sample collection and handling. As discussed in Section 7.7.7, adoption of a clean sampling approach will minimize the chance of field contamination and questionable data results.

7.11.3 Chain of Custody

The sample CoC is an important documentation step that tracks samples from collection through analysis to ensure the validity of the sample. Sample CoC procedures include the following:

- Proper labeling of samples;
- Use of CoC forms for all samples; and
- Prompt sample delivery to the analytical laboratory.

Analytical laboratories usually provide CoC forms to be filled out for sample containers. An example CoC is included in CSMP Attachment 3 "Example Forms".

7.11.4 QA/QC Samples

QA/QC samples provide an indication of the accuracy and precision of the sample collection; sample handling; field measurements; and analytical laboratory methods. The following types of QA/QC will be conducted for this project:

☐ Field Duplicates at a frequency of [5 percent or 1 duplicate minimum per sampling event]
(Required for all sampling plans with field measurements or laboratory analysis)

☐ Equipment Blanks at a frequency of [Insert frequency required by method]
(Only needed if equipment used to collect samples could add the pollutants to sample)

☐ Field Blanks at a frequency of [Insert frequency required by method]
(Only required if sampling method calls for field blanks)

☐ Travel Blanks at a frequency of [Insert frequency required by method]
(Required for sampling plans that include VOC laboratory analysis)

7.11.4.1 Field Duplicates

Field duplicates provide verification of laboratory or field analysis and sample collection. Duplicate samples shall be collected, handled, and analyzed using the same protocols as primary samples. The sample location where field duplicates are collected shall be randomly selected from the discharge locations. Duplicate samples shall be collected immediately after the primary sample has been collected. Duplicate samples must be collected in the same manner and as close in time as possible to the original sample. Duplicate samples shall not influence any evaluations or conclusion.

7.11.4.2 Equipment Blanks

Equipment blanks provide verification that equipment has not introduced a pollutant into the sample. Equipment blanks are typically collected when:

- New equipment is used;
- Equipment that has been cleaned after use at a contaminated site;
- Equipment that is not dedicated for surface water sampling is used; or
- Whenever a new lot of filters is used when sampling metals.

7.11.4.3 Field Blanks

Field blanks assess potential sample contamination levels that occur during field sampling activities. De-ioninzed water field blanks are taken to the field, transferred to the appropriate container, and treated the same as the corresponding sample type during the course of a sampling event.

7.11.4.4 Travel Blanks

Travel blanks assess the potential for cross-contamination of volatile constituents between sample containers during shipment from the field to the laboratory. De-ioninzed water blanks are taken along for the trip and held unopened in the same cooler with the VOC samples.

7.11.5 Data Verification

After results are received from the analytical laboratory, the QSP shall verify the data to ensure that it is complete, accurate, and the appropriate QA/QC requirements were met. Data must be verified as soon as the data reports are received. Data verification shall include:

- Check the CoC and laboratory reports.
  Make sure all requested analyses were performed and all samples are accounted for in the reports.
- Check laboratory reports to make sure hold times were met and that the reporting levels meet or are lower than the reporting levels agreed to in the contract.
- Check data for outlier values and follow up with the laboratory.
  Occasionally typographical errors, unit reporting errors, or incomplete results are reported and should be easily detected. These errors need to be identified, clarified, and corrected quickly by the laboratory. The QSP should especially note data that is an order of magnitude or more different than similar locations, or is inconsistent with previous data from the same location.
- Check laboratory QA/QC results.
  EPA establishes QA/QC checks and acceptable criteria for laboratory analyses. These data are typically reported along with the sample results. The QSP shall evaluate the reported QA/QC data to check for contamination (method, field, and equipment blanks), precision (laboratory matrix spike duplicates), and accuracy (matrix spikes and laboratory control samples). When QA/QC checks are outside acceptable ranges, the laboratory must flag the data, and usually provides an explanation of the potential impact to the sample results.
- Check the data set for outlier values and, accordingly, confirm results and re-analyze samples where appropriate.
  Sample re-analysis should only be undertaken when it appears that some part of the QA/QC resulted in a value out of the accepted range. Sample results may not be discounted unless the analytical laboratory identifies the required QA/QC criteria were not met and confirms this in writing.

Field data including inspections and observations must be verified as soon as the field logs are received, typically at the end of the sampling event. Field data verification shall include:

- Check field logs to make sure all required measurements were completed and appropriately documented;
- Check reported values that appear out of the typical range or inconsistent;
  Follow-up immediately to identify potential reporting or equipment problems, if appropriate, recalibrate equipment after sampling;
- Verify equipment calibrations;
- Review observations noted on the field logs; and
- Review notations of any errors and actions taken to correct the equipment or recording errors.

7.12 Records Retention

All records of stormwater monitoring information and copies of reports (including Annual Reports) must be retained for a period of at least three years from date of submittal or longer if required by the Regional Water Board.

Results of visual monitoring, field measurements, and laboratory analyses must be kept in the SWPPP along with CoCs, and other documentation related to the monitoring.

Records are to be kept onsite while construction is ongoing. Records to be retained include:

- The date, place, and time of inspections, sampling, visual observations, and/or measurements, including precipitation;
- The individual(s) who performed the inspections, sampling, visual observation, and/or field measurements;
- The date and approximate time of field measurements and laboratory analyses;
- The individual(s) who performed the laboratory analyses;
- A summary of all analytical results, the method detection limits and reporting limits, and the analytical techniques or methods used;
- Rain gauge readings from site inspections;
- QA/QC records and results;
- Calibration records;
- Visual observation and sample collection exemption records;
- The records of any corrective actions and follow-up activities that resulted from analytical results, visual observations, or inspections; [and]
- [NAL Exceedance Reports]; [and]
- [NEL Violation Reports].

CSMP Attachment 1: Weather Reports

INSTRUCTIONS

Place printed NOAA weather forecasts in this Attachment.

CSMP Attachment 2: Monitoring Records

INSTRUCTIONS

Place completed BMP Inspection Forms, Visual Monitoring, Effluent Sampling and Receiving Water Field Logs, Monitoring Exceptions, and NAL/NEL Exceedance Reports in this Attachment.

CSMP Attachment 3: Example Forms

INSTRUCTIONS

Place example forms and check lists, e.g., Rain Gauge Logs, Field Logs, NAL/NEL Exceedance Reports, CoCs, in this Attachment.

Rain Gauge Log Sheet				
Construction Site Name:				
WDID #:				
Date (mm/dd/yy)	Time (24-hr)	Initials	Rainfall Depth (Inches)	Notes:

Risk Level 1, 2, 3 ***Visual Inspection Field Log Sheet***						
Date and Time of Inspection:				Report Date:		
Inspection Type:	☐ Weekly	☐ Before predicted rain	☐ During rain event	☐ Following qualifying rain event	☐ Contained stormwater release	☐ Quarterly non-stormwater
Site Information						
Construction Site Name:						
Construction stage and completed activities:					Approximate area of exposed site:	
Weather and Observations						
Date Rain Predicted to Occur:				Predicted % chance of rain:		
Estimate storm beginning: _____ (date and time)		Estimate storm duration:_____ (hours)		Estimate time since last storm: _____ (days or hours)	Rain gauge reading:_____ (inches)	
Observations: If yes identify location						
Odors	Yes ☐	No ☐				
Floating material	Yes ☐	No ☐				
Suspended Material	Yes ☐	No ☐				
Sheen	Yes ☐	No ☐				
Discolorations	Yes ☐	No ☐				
Turbidity	Yes ☐	No ☐				
Site Inspections						
Outfalls or BMPs Evaluated			**Deficiencies Noted**			
(add additional sheets or attached detailed BMP Inspection Checklists)						
Photos Taken:	Yes ☐	No ☐	Photo Reference IDs:			
Corrective Actions Identified (note if SWPPP/REAP change is needed)						
Inspector Information						
Inspector Name:				Inspector Title:		
Signature:					Date:	

Risk Level 2 ***Effluent Sampling Field Log Sheets***			
Construction Site Name:		Date:	Time Start:
Sampler:			
Sampling Event Type:	☐ Stormwater	☐ Non-stormwater	☐ Non-visible pollutant

Field Meter Calibration	
pH Meter ID No./Desc.: Calibration Date/Time:	Turbidity Meter ID No./Desc.: Calibration Date/Time:

Field pH and Turbidity Measurements			
Discharge Location Description	pH	Turbidity	Time

Grab Samples Collected		
Discharge Location Description	Sample Type	Time

Additional Sampling Notes:
Time End:

Risk Level 3 ***Effluent Sampling Field Log Sheets***				
Construction Site Name:		Date:		Time Start:
Sampler:				
Sampling Event Type:	☐ Stormwater	☐ Non-stormwater	☐ Non-visible pollutant	☐ Post NEL Exceedance
Field Meter Calibration				
pH Meter ID No./Desc.: Calibration Date/Time:		Turbidity Meter ID No./Desc.: Calibration Date/Time:		

Field pH and Turbidity Measurements			
Discharge Location Description	pH	Turbidity	Time

Grab Samples Collected			
Discharge Location Description	SSC	Other (specify)	Time

Additional Sampling Notes:
Time End:

Risk Level 3 ***Receiving Water Sampling Field Log Sheets***		
Construction Site Name:	Date:	Time Start:
Sampler:		
Receiving Water Description and Observations		
Receiving Water Name/ID:		
Observations:		
Odors	Yes ☐ No ☐	
Floating material	Yes ☐ No ☐	
Suspended Material	Yes ☐ No ☐	
Sheen	Yes ☐ No ☐	
Discolorations	Yes ☐ No ☐	
Turbidity	Yes ☐ No ☐	
Field Meter Calibration		
pH Meter ID No./Desc.: Calibration Date/Time:	Turbidity Meter ID No./Desc.: Calibration Date/Time:	

Field pH and Turbidity Measurements and SSC Grab Sample			
Upstream Location			
Type	Result	Time	Notes
pH			
Turbidity			
SSC	Collected Yes ☐ No ☐		
Downstream Location			
Type	Result	Time	Notes
pH			
Turbidity			
SSC	Collected Yes ☐ No ☐		

Additional Sampling Notes:
Time End:

NAL or NEL Exceedance Evaluation Summary Report	Page __ of __
Project Name	
Project WDID	
Project Location	
Date of Exceedance	
Type of Exceedance	**NAL Daily Average** ☐ **pH** ☐ **Turbidity** **NEL Daily Average** ☐ **pH** ☐ **Turbidity** ☐ **Other (specify) _____**
Measurement or Analytical Method	☐ **Field meter** **(Sensitivity: _____)** ☐ **Lab method (specify) _____** **(Reporting Limit: _____)** **(MDL: _____)**
Calculated Daily Average	☐ **pH _ pH units** ☐ **Turbidity __ NTU**
Rain Gauge Measurement	**_____ inches**
Compliance Storm Event	**_____ inches (5-year, 24-hour event)**
Visual Observations on Day of Exceedance	

NAL or NEL Exceedance Evaluation Summary Report	Page __ of __
Description of BMPs in Place at Time of Event	
Initial Assessment of Cause	
Corrective Actions Taken (deployed after exceedance)	
Additional Corrective Actions Proposed	
Report Completed By	_____ **(Print Name, Title)**
Signature	_____

CHAIN-OF-CUSTODY **DATE:** **Lab ID:**

DESTINATION LAB: ATTN: **ADDRESS:** **Office Phone:** **Cell Phone:**							REQUESTED ANALYSIS				Notes:
SAMPLED BY:											
Contact:											
Project Name											
Client Sample ID	**Sample Date**	**Sample Time**	**Sample Matrix**	**Container #**	**Container Type**	**Container Pres.**					

SENDER COMMENTS:	**RELINQUISHED BY**	
	Signature:	
	Print:	
	Company:	
	Date:	TIME:
LABORATORY COMMENTS:	**RECEIVED BY**	
	Signature:	
	Print:	
	Company:	
	Date:	TIME:

CSMP Attachment 4: Field Meter Instructions

INSTRUCTIONS

Place instructions for field meters that will be used by contractor personnel in this Attachment.

CSMP Attachment 5: Supplemental Information

INSTRUCTIONS

Place documents related to Regional Board required monitoring, watershed monitoring option approval, and bioassessment exception approval in this Attachment.

Section 8 References

Project Plans and Specifications No. [TTM 36713] dated [4-26-2017], prepared by [Sake Engineers Inc.]

State Water Resources Control Board (2009). Order 2009-0009-DWQ, NPDES General Permit No. CAS000002: National Pollutant Discharges Elimination System (NPDES) California General Permit for Storm Water Discharge Associated with Construction and Land Disturbing Activities. Available on-line at: http://www.waterboards.ca.gov/water_issues/programs/stormwater/construction.shtml.

State Water Resources Control Board (2010). Order 2010-0014-DWQ, NPDES General Permit No. CAS000002: National Pollutant Discharges Elimination System (NPDES) California General Permit for Storm Water Discharge Associated with Construction and Land Disturbing Activities. Available on-line at: http://www.waterboards.ca.gov/water_issues/programs/stormwater/construction.shtml.

[Include additional references as needed]

Example

CASQA 2009, *Stormwater BMP Handbook Portal: Construction*, November 2009, www.casqa.org

Appendix A: Calculations

INSTRUCTIONS

- *Include calculations here*

Appendix B: Site Maps

INSTRUCTIONS

- *Include maps here*

Appendix C: Permit Registration Documents

Permit Registration Documents included in this Appendix

Y/N	Permit Registration Document
Y	Notice of Intent
Y	Risk Assessment
N	Certification
N	Post Construction Water Balance
Y	Copy of Annual Fee Receipt
N	ATS Design Documents
Y	Site Map, see Appendix B

Appendix D: SWPPP Amendment Certifications

INSTRUCTIONS

- *Include certification statements for each SWPPP amendment.*

SWPPP Amendment No. _____

Project Name: TTM 36713

Project Number: _____

Qualified SWPPP Developer's Certification of the
Stormwater Pollution Prevention Plan Amendment

"This Stormwater Pollution Prevention Plan and attachments were prepared under my direction to meet the requirements of the California Construction General Permit (SWRCB Order No. 2009-009-DWQ as amended by 2010-0014-DWQ). I certify that I am a Qualified SWPPP Developer in good standing as of the date signed below."

QSD's Signature	Date
QSD Name	QSD Certificate Number
Title and Affiliation	Telephone
Address	Email

Appendix E: Submitted Changes to PRDs

Log of Updated PRDs

The General Permit allows for the reduction or increase of the total acreage covered under the General Permit when a portion of the project is complete and/or conditions for termination of coverage have been met; when ownership of a portion of the project is purchased by a different entity; or when new acreage is added to the project.

Modified PRDs shall be filed electronically within 30 days of a reduction or increase in total disturbed area if a change in permit covered acreage is to be sought. The SWPPP shall be modified appropriately, with revisions and amendments recorded in Appendix C. Updated PRDs submitted electronically via SMARTS can be found in this Appendix.

This appendix includes all of the following updated PRDs (check all that apply):

☐ Revised Notice of Intent (NOI);

☐ Revised Site Map;

☐ Revised Risk Assessment;

☐ New landowner's information (name, address, phone number, email address); and

☐ New signed certification statement.

Legally Responsible Person [if organization]

Signature of [Authorized Representative of] Legally Responsible Person or Approved Signatory

Date

Name of [Authorized Representative of] Legally Responsible Person or Approved Signatory

Telephone Number

Appendix F: Construction Schedule

INSTRUCTIONS

- *Include a copy of construction schedule*

Appendix G: Construction Activities, Materials Used, and Associated Pollutants

INSTRUCTIONS

- List construction materials that will be used and construction activities that will have the potential to contribute to the discharge of pollutants to stormwater.
- List construction activities (i.e., construction or demolition activity, including, but not limited to, clearing, grading, grubbing, or excavation) that have the potential to contribute sediment or other pollutants to stormwater discharges.
- Delete phases that are not applicable to Project
- Insert as many lines to Table G.1 as necessary to complete the list, use Table G.a below to assist in the completion of Table G.1
- Pollutant Categories identified are consistent with the *CASQA BMP Handbook Portal*: *Construction*: Sediment, Nutrients, Bacteria and Viruses, Oil and Grease, Metals, Synthetic Organics, Pesticides, Gross Pollutants, and Vector Production
- For sampling requirements for non-visible pollutants associated with construction site activity please refer to Section 7.7.1.

Table G.a POLLUTANTS ASSOCIATED WITH CONSTRUCTION ACTIVITIES

General Work Activity/ Products With Potential Stormwater Pollutants	Specific Work Activity/Products With Potential Stormwater Pollutants	Pollutant Categories
Adhesives	• Adhesives, glues, resins, epoxy synthetics, PVC cement • Caulks, sealers, putty, sealing agents and • Coal tars (naphtha, pitch)	Oil and Grease, Synthetic Organics[1]
Asphalt paving/curbs	• Hot and cold mix asphalt	Oil and Grease
Cleaners	• Polishes (metal, ceramic, tile) • Etching agents • Cleaners, ammonia, lye, caustic sodas, bleaching agents and chromate salts	Metals, Synthetic Organics
Concrete / Masonry	• Cement and brick dust • Colored chalks • Concrete curing compounds • Glazing compounds • Surfaces cleaners • Saw cut slurries • Tile cutting	Metals, Synthetic Organics
Drywall	• Saw-cutting drywall	Metals
Framing/Carpentry	• Sawdust, particle board dust, and treated woods • Saw cut slurries	Metals, Synthetic Organics
Heating, Ventilation, Air Conditioning	• Demolition or construction of air condition and heating systems	Metals, Synthetic Organics
Insulation	• Demolition or construction involving insulation, venting systems	Metals, Synthetic Organics

Table G.a POLLUTANTS ASSOCIATED WITH CONSTRUCTION ACTIVITIES

General Work Activity/ Products With Potential Stormwater Pollutants	Specific Work Activity/Products With Potential Stormwater Pollutants	Pollutant Categories
Liquid waste	• Wash waters • Irrigation line testing/flushing	Metals, Synthetic Organics
Painting	• Paint thinners, acetone, methyl ethyl ketone, stripper paints, lacquers, varnish, enamels, turpentine, gum spirit, solvents, dyes, stripping pigments and sanding	Metals, Synthetic Organics
Planting / Vegetation Management	• Vegetation control (pesticides/herbicides) • Planting • Plant maintenance • Vegetation removal	Nutrients, Metals, Synthetic Organics
Plumbing	• Solder (lead, tin), flux (zinc chloride), pipe fitting • Galvanized metal in nails, fences, and electric wiring	Metals, Synthetic Organics
Pools/fountains	• Chlorinated water	Synthetic Organics
Removal of existing structures	• Demolition of asphalt, concrete, masonry, framing, roofing, metal structures.	Metals, Oil and Grease, Synthetic Organics
Roofing	• Flashing • Saw cut slurries (tile cutting) • Shingle scrap and debris	Metals, Oil and Grease, Synthetic Organics
Sanitary waste	• Portable toilets • Disturbance of existing sewer lines.	Nutrients
Soil preparation/amendments	• Use of soil additives/amendments	Nutrients
Solid waste	• Litter, trash and debris • Vegetation	Gross Pollutants
Utility line testing and flushing	• Hydrostatic test water • Pipe flushing	Synthetic Organics
Vehicle and equipment use	• Equipment operation • Equipment maintenance • Equipment washing • Equipment fueling	Oil and Grease

[1] Synthetic Organics are defined in Table 1.2 of the CASQA *Stormwater BMP Handbook Portal: Construction* as adhesives, cleaners, sealants, solvents, etc. These are generally categorized as VOCs or SVOCs.

Table G.1 Construction Activities and Associated Pollutants

Phase	Activity	Associated Materials or Pollutants	Pollutant Category[1]
Grading and Land Development			
Streets and Utilities Phase			
Vertical Construction Phase			
Landscaping and Site Stabilization Phase			

[1] Categories per CASQA BMP Handbook (i.e., Sediment, Nutrients, Bacteria and Viruses, Oil and Grease, Metals, Synthetic Organics, Pesticides, Gross Pollutants, and Vector Production)

Appendix H: CASQA Stormwater BMP Handbook Portal: Construction Fact Sheets

INSTRUCTIONS

- *Include Fact Sheets for BMPs identified in Section 3 of this SWPPP*

Appendix I: BMP Inspection Form

INSTRUCTIONS

- *Identify Risk Level, for Risk Level 2 or 3 include highlighted text*

BMP INSPECTION REPORT

Date and Time of Inspection:			Date Report Written:	
Inspection Type: (Circle one)	Weekly *Complete Parts I,II,III and VII*	Pre-Storm *Complete Parts I,II,III,IV and VII*	During Rain Event *Complete Parts I, II, III, V, and VII*	Post-Storm *Complete Parts I,II,III,VI and VII*

Part I. General Information

Site Information

Construction Site Name:			
Construction stage and completed activities:			Approximate area of site that is exposed:
Photos Taken: (Circle one)	Yes	No	Photo Reference IDs:

Weather

Estimate storm beginning: (date and time)	Estimate storm duration: (hours)
Estimate time since last storm: (days or hours)	Rain gauge reading and location: (in)

Is a "Qualifying Event" predicted or did one occur (i.e., 0.5" rain with 48-hrs or greater between events)? (Y/N)
If yes, summarize forecast:

Exemption Documentation (explanation required if inspection could not be conducted). Visual inspections are not required outside of business hours or during dangerous weather conditions such as flooding or electrical storms.

Inspector Information

Inspector Name:	Inspector Title:
Signature:	Date:

Part II. BMP Observations. Describe deficiencies in Part III.			
Minimum BMPs for Risk Level _____ Sites	Failures or other short comings (yes, no, N/A)	Action Required (yes/no)	Action Implemented (Date)
Good Housekeeping for Construction Materials			
Inventory of products (excluding materials designed to be outdoors)			
Stockpiled construction materials not actively in use are covered and bermed			
All chemicals are stored in watertight containers with appropriate secondary containment, or in a completely enclosed storage shed			
Construction materials are minimally exposed to precipitation			
BMPs preventing the off-site tracking of materials are implemented and properly effective			
Good Housekeeping for Waste Management			
Wash/rinse water and materials are prevented from being disposed into the storm drain system			
Portable toilets are contained to prevent discharges of waste			
Sanitation facilities are clean and with no apparent for leaks and spills			
Equipment is in place to cover waste disposal containers at the end of business day and during rain events			
Discharges from waste disposal containers are prevented from discharging to the storm drain system / receiving water			
Stockpiled waste material is securely protected from wind and rain if not actively in use			
Procedures are in place for addressing hazardous and non-hazardous spills			
Appropriate spill response personnel are assigned and trained			
Equipment and materials for cleanup of spills is available onsite			
Washout areas (e.g., concrete) are contained appropriately to prevent discharge or infiltration into the underlying soil			
Good Housekeeping for Vehicle Storage and Maintenance			
Measures are in place to prevent oil, grease, or fuel from leaking into the ground, storm drains, or surface waters			
All equipment or vehicles are fueled, maintained, and stored in a designated area with appropriate BMPs			
Vehicle and equipment leaks are cleaned immediately and disposed of properly			

Part II. BMP Observations Continued. Describe deficiencies in Part III.			
Minimum BMPs for Risk Level _____ Sites	Adequately designed, implemented and effective (yes, no, N/A)	Action Required (yes/no)	Action Implemented (Date)
Good Housekeeping for Landscape Materials			
Stockpiled landscape materials such as mulches and topsoil are contained and covered when not actively in use			
Erodible landscape material has not been applied 2 days before a forecasted rain event or during an event			
Erodible landscape materials are applied at quantities and rates in accordance with manufacturer recommendations			
Bagged erodible landscape materials are stored on pallets and covered			
Good Housekeeping for Air Deposition of Site Materials			
Good housekeeping measures are implemented onsite to control the air deposition of site materials and from site operations			
Non-Stormwater Management			
Non-Stormwater discharges are properly controlled			
Vehicles are washed in a manner to prevent non-stormwater discharges to surface waters or drainage systems			
Streets are cleaned in a manner to prevent unauthorized non-stormwater discharges to surface waters or drainage systems.			
Erosion Controls			
Wind erosion controls are effectively implemented			
Effective soil cover is provided for disturbed areas inactive (i.e., not scheduled to be disturbed for 14 days) as well as finished slopes, open space, utility backfill, and completed lots			
The use of plastic materials is limited in cases when a more sustainable, environmentally friendly alternative exists.			
Sediment Controls			
Perimeter controls are established and effective at controlling erosion and sediment discharges from the site			
Entrances and exits are stabilized to control erosion and sediment discharges from the site			
Sediment basins are properly maintained			
Linear sediment control along toe of slope, face of slope an at grade breaks (Risk Level 2 & 3 Only)			
Limit construction activity to and from site to entrances and exits that employ effective controls to prevent offsite tracking (Risk Level 2 & 3 Only)			

Ensure all storm, drain inlets and perimeter controls, runoff control BMPs and pollutants controls at entrances and exits are maintained and protected from activities the reduce their effectiveness (Risk Level 2 & 3 Only)			
Inspect all immediate access roads daily (Risk Level 2 & 3 Only)			
Run-On and Run-Off Controls			
Run-on to the site is effectively managed and directed away from all disturbed areas.			
Other			
Are the project SWPPP and BMP plan up to date, available on-site and being properly implemented?			

Part III. Descriptions of BMP Deficiencies

Deficiency	Repairs Implemented: Note - Repairs must begin within 72 hours of identification and, complete repairs as soon as possible.	
	Start Date	Action
1.		
2.		
3.		
4.		

Part IV. Additional Pre-Storm Observations. Note the presence or absence of floating and suspended materials, sheen, discoloration, turbidity, odors, and source(s) of pollutants(s).

	Yes, No, N/A
Do stormwater storage and containment areas have adequate freeboard? If no, complete Part III.	
Are drainage areas free of spills, leaks, or uncontrolled pollutant sources? If no, complete Part VII and describe below.	
Notes:	
Are stormwater storage and containment areas free of leaks? If no, complete Parts III and/or VII and describe below.	

Notes:	

Part V. Additional During Storm Observations. If BMPs cannot be inspected during inclement weather, list the results of visual inspections at all relevant outfalls, discharge points, and downstream locations. Note odors or visible sheen on the surface of discharges. Complete Part VII (Corrective Actions) as needed.	
Outfall, Discharge Point, or Other Downstream Location	
Location	Description
Location	Description
Location	Description
Location	Description
Location	Description
Location	Description
Location	Description
Location	Description

Part VI. Additional Post-Storm Observations. Visually observe (inspect) stormwater discharges at all discharge locations within two business days (48 hours) after each qualifying rain event, and observe (inspect) the discharge of stored or contained stormwater that is derived from and discharged subsequent to a qualifying rain event producing precipitation of ½ inch or more at the time of discharge. Complete Part VII (Corrective Actions) as needed.	
Discharge Location, Storage or Containment Area	**Visual Observation**

Part VII. Additional Corrective Actions Required. Identify additional corrective actions not included with BMP Deficiencies (Part III) above. Note if SWPPP change is required.	
Required Actions	**Implementation Date**

Appendix J: Project Specific Rain Event Action Plan Template

INSTRUCTIONS

- *QSD should modify the CASQA REAP template for use by the QSP*
- *The QSP will modify the project specific template for each phase/rain event*
- *File REAPs completed by the QSP in this Appendix*

Rain Event Action Plan (REAP)

Date of REAP		**WDID Number:**	
Date Rain Predicted to Occur:		**Predicted % chance of rain:**	

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:_____ ❑ _____ ❑ _____
❑ 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:_____ ❑ _____ ❑ _____

Continued on next page.

❑ Other / Discussion / Diagrams	❑ _____ ❑ _____ ❑ _____ ❑ _____ ❑ _____ ❑ _____ ❑ _____ ❑ _____ ❑ _____ ❑ _____ ❑ _____ ❑ _____ ❑ _____

Attach a printout of the weather forecast from the NOAA website to the REAP.

I certify under penalty of law that this Rain Event Action Plan (REAP) will be performed in accordance with the General Permit by me or 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 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.

_____Date: _____

Qualified SWPPP Practitioner (Use ink please)

Appendix K: Training Reporting Form

Trained Contractor Personnel Log

Stormwater Management Training Log and Documentation

Project Name: TTM 36713
WDID #: _____

Stormwater Management Topic: (check as appropriate)

☒ Erosion Control
☒ Sediment Control
☒ Wind Erosion Control
☒ Tracking Control
☒ Non-Stormwater Management
☒ Waste Management and Materials Pollution Control
☐ Stormwater Sampling

Specific Training Objective: Good House Keeping

Location: Our Office
Date: 4-26-2017

Instructor: Sam Akbarpour
Telephone: 951-279-4041

Course Length (hours): 1.5

Attendee Roster (Attach additional forms if necessary)

Name	Company	Phone
Hitesh Patel		760-963-3475

As needed, add proof of external training (e.g., course completion certificates, credentials for QSP, QSD).

Appendix L: Responsible Parties

Authorization of Approved Signatories

Project Name: TTM 36713_____

WDID #: _____

Name of Personnel	Project Role	Company	Signature	Date

_____ _____

LRP's Signature Date

_____ _____

LRP Name and Title Telephone Number

Identification of QSP

Project Name: TTM 36713_____

WDID #: _____

The following are QSPs associated with this project

Name of Personnel(1)	Company	Date
Sam Akbarpour	Sake Engineer Inc.	

(1) If additional QSPs are required on the job site add additional lines and include information here

OPTIONAL

Authorization of Data Submitters

Project Name: TTM 36713_____

WDID #: _____

Name of Personnel	Project Role	Company	Signature	Date

_____ _____

Approved Signatory's Signature Date

_____ _____

Approved Signatory Telephone Number

Name and Title

Appendix M:Contractors and Subcontractors

Appendix N: Construction General Permit

INSTRUCTIONS

- *Include a copy of the General Permit, or reference permanent location of General Permit that is kept on the construction site.*

Water Boards Storm Water Multiple Application & Report Tracking System

Notice Of Intents Search Results

Following are the results that matched with your search criteria. To refine or start a new search, click Back button on the browser.

Export to Excel

App ID	WDID	Application Type	Status	Status Date	Owner/Operator Name & Address	Site/Facility Name & Address	NOI Form	Attachments	Receipt Letter
503492		Region 8 MS4 CIPs	Active	11/15/2018	City of Riverside 3900 Main Street Riverside California 92522	Tequesquite Arroyo Trunk Sewer Replacement Phase IIB Brockton Ave, Magnolia Ave, Olivewood Ave, Victoria Ave, Sed Riverside California 92501	NOI Form	View Attachments	Receipt Letter
485872	8 33C379764	Construction	Active	05/09/2017	La Sierra VIctoria Development LLC 19215 wild mustang court apple valley California 92307	TTM 36713 Intersection of La Sierra Ave and Victoria Ave Riverside California 92503	NOI Form	View Attachments	Receipt Letter
485242	8 33C380737	Construction	Active	08/14/2017	Western Municipal Water District 14205 Meridian Pkwy Riverside California 92518	Victoria Recharge Basin Victoria Ave & Jackson St Riverside California 92506	NOI Form	View Attachments	Receipt Letter
480069	8 33C378036	Construction	Terminated	09/10/2018	ROBERT JONES	Jones Residence 11033 VICTORIA AVENUE Riverside California 92503		View Attachments	
471466	8 33W002565	Construction	Expired	04/13/2016	Dudek 605 Third Street Encinitas California 92024	Victoria Recharge Basin 9120 Victoria Avenue Riverside California 92508	NOI Form	View Attachments	Receipt Letter
454475		Region 8 MS4 CIPs	Terminated	05/25/2016	City of Riverside 3900 Main Street Riverside California 92522	Victoria Avenue Storm Drain Project Victoria Avenue and Myers Street Riverside California 92503	NOI Form	View Attachments	Receipt Letter
284475	8 33C333372	Construction	Terminated	05/22/2006	Riverside Victoria LLC 660 Newport Center Dr Ste 1050 Newport Beach California 92660	Tract Map No 32128 N Of Victoria Ave W Of Lyon Ave Riverside California	NOI Form	View Attachments	Receipt Letter
210522	8 33C329067	Construction	Terminated	08/21/2006	Edward Hendricksen 2615 Grace St	Hendricksen Residence 7576 Victoria	NOI Form	View Attachments	Receipt Letter

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App ID	WDID	Application Type	Status	Status Date	Owner/Operator Name & Address	Site/Facility Name & Address	NOI Form	Attachments	Receipt Letter
					Riverside California 92504	Ave Riverside California 92504			
209941	8 33C319513	Construction	Terminated	12/13/2006	Taylor Woodrow Homes - Irvine 16745 W Bernardo Dr Ste 140 San Diego California 92127	Victoria Heights 11355 Victoria Ave Riverside California 92503	NOI Form	View Attachments	Receipt Letter
209828	8 33C316901	Construction	Terminated	04/11/2006	Brehm Co 1935 Camino Vida Roble #200 Carlsbad California 92008	Tract 29386 Victoria Grove Tract 29386 Victoria Grove Riverside California	NOI Form	View Attachments	Receipt Letter

First Prev Next Last Current Page:1 Total Pages:1

Corbet, Lauren

From: Corbet, Lauren
Sent: Monday, December 2, 2019 10:07 AM
To: CypressFileRoom@dtsc.ca.gov
Subject: Public Records Request

Hello,

This firm is performing a Phase I Environmental Site Assessment for the property located at the following addresses:

Southeast Corner of Victoria Ave. and La Sierra Ave., Riverside, CA 92503
APN: 136-220-016

We are requesting any information from your department pertaining to the above property.

Please feel free to contact Kevin Ballesteros with any questions or concerns at 310-854-6300 or kevin.ballesteros@efiglobal.com. Thank you for your assistance with this information.

Regards,

Lauren Corbet | Environmental Specialist
EFI Global, Inc.
Los Angeles, CA
DIRECT 310.854.6300 | FAX 310.854.0199
CELL: 323.326.6124 | EMAIL: lauren.corbet@efiglobal.com
CSLB License #: 885902
www.efiglobal.com | Caring counts®

Ballesteros, Kevin EFI

From: Corbet, Lauren
Sent: Thursday, December 5, 2019 9:23 AM
To: Ballesteros, Kevin EFI
Subject: FW: VICTORIA AVE/LA SIERRA AVE, RIVERSIDE (PR4-120219-2)

Follow Up Flag: Follow up
Flag Status: Flagged

Categories: Client Respond

045.02270

Regards,

Lauren Corbet | Environmental Specialist
EFI Global, Inc.
Los Angeles, CA
DIRECT 310.854.6300 | FAX 310.854.0199
CELL: 323.326.6124 | EMAIL: lauren.corbet@efiglobal.com
CSLB License #: 885902
www.efiglobal.com | Caring counts®

From: CypressFileRoom@DTSC <CypressFileRoom@dtsc.ca.gov>
Sent: Wednesday, December 4, 2019 1:32 PM
To: Corbet, Lauren <Lauren.Corbet@EFIGLOBAL.com>
Subject: VICTORIA AVE/LA SIERRA AVE, RIVERSIDE (PR4-120219-2)

Hi Lauren. According to our files we have no records for the attached email.

From: Corbet, Lauren <Lauren.Corbet@EFIGLOBAL.com>
Sent: Monday, December 2, 2019 10:07 AM
To: CypressFileRoom@DTSC <CypressFileRoom@dtsc.ca.gov>
Subject: Public Records Request

Hello,

This firm is performing a Phase I Environmental Site Assessment for the property located at the following addresses:

Southeast Corner of Victoria Ave. and La Sierra Ave., Riverside, CA 92503
APN: 136-220-016

We are requesting any information from your department pertaining to the above property.

Please feel free to contact Kevin Ballesteros with any questions or concerns at 310-854-6300 or kevin.ballesteros@efiglobal.com. Thank you for your assistance with this information.

Regards,

Lauren Corbet | Environmental Specialist
EFI Global, Inc.
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DIRECT 310.854.6300 | FAX 310.854.0199
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Department of Toxic Substances Control
Meredith Williams, Ph.D.
Acting Director
1001 "I" Street
P.O. Box 806
Sacramento, California 95812-0806

Jared Blumenfeld
Secretary for
Environmental Protection

Gavin Newsom
Governor

Facility Search Results

Selection Criteria:

Facility:
Search on: Physical Address
Street: Victoria
Zip: 92503
Status: Active and Inactive
Sort Direction: asc
Sorted By: Address
Records Found: 4

EPA ID Number	Name	Address	City	Zip
CAC002745175	MOHAMAD ISHAQ	10091 VICTORIA AVE	RIVERSIDE	92503
CAC002356807	HUEY QUAN	10171 VICTORIA AVE	RIVERSIDE	925030000
CAC002859910	CPT KERRY STEVENS	10225 VICTORIA AVE	RIVERSIDE	925036145
CAC002614179	FABIO ROJAS	10348 VICTORIA AVE	RIVERSIDE	92503

The Department of Toxics Substances Control (DTSC) takes every precaution to ensure the accuracy of data in the Hazardous Waste Tracking System (HWTS). However, because of the large number of manifests handled, inaccuracies in the submitted data, limitations of the manifest system and the technical limitations of the database, DTSC cannot guarantee that the data accurately reflect what was actually transported or produced.

Report Generation Date: 12/02/2019

Department of Toxic Substances Control
Meredith Williams, Ph.D.
Acting Director
1001 "I" Street
P.O. Box 806
Sacramento, California 95812-0806

Jared Blumenfeld
Secretary for
Environmental Protection

Gavin Newsom
Governor

Facility Search Results

Selection Criteria:

Facility:
Search on: Physical Address
Street: La Sierra
Zip: 92503
Status: Active and Inactive
Sort Direction: asc
Sorted By: Address
Records Found: 36

EPA ID Number	Name	Address	City	Zip
CAC000001073	1X SHELL OIL CO #2046-552-2603	11090 MAGNOLIA LA SIERRA	RIVERSIDE	925030000
CAL000275934	TAYLOR PACIFIC	11846 LA SIERRA AVE	RIVERSIDE	92503
CAC000778464	1X FRED WAUGH	17460 LA SIERRA	RIVERSIDE	925030000
CAL000129105	KUNZE INC	17480 LA SIERRA AVE	RIVERSIDE	925030000
CAD981425358	MWD LAKE MATHEWS RESERVOIR	18250 LA SIERRA AVE	RIVERSIDE	925030000
CAC002410583	JF SHEA	18256 LA SIERRA AVE	RIVERSIDE	925030000
CAC002530215	ERWIN LLC	2292 LA SIERRA AVE	RIVERSIDE	925030000
CAC002555639	ERWIN LLC	2292 LA SIERRA AVE	RIVERSIDE	925030000
CAC002584457	ERWIN FAMILY LLC	2292 LA SIERRA AVE	RIVERSIDE	925035916
CAL000320360	RALPHS GROCERY #98	3350 LA SIERRA AVE	RIVERSIDE	925035228
CAL000326924	LA SIERRA VERDE CLEANERS	3380 LA SIERRA AVE STE 103	RIVERSIDE	925035225
CAL000317489	LA SIERRA VERDE CLEANERS	3380 LA SIERRA AVE STE 103	RIVERSIDE	92503
CAL000312874	WEST COAST DENTAL OF RIVERSIDE	3380 LA SIERRA AVE STE 108,109,110	RIVERSIDE	925035228
CAL000441186	LA SIERRA VERDE CLEANERS	3380 LA SIERRA AVE UNIT #103	RIVERSIDE	92503
CAD983642315	CHEVRON 200734	3390 LA SIERRA AVE	RIVERSIDE	925035228
CAL000207076	AUTOZONE #5578	3400 LA SIERRA #G	RIVERSIDE	925030000
CAC002226449	LYON PROPERTIES	3400 LA SIERRA AVE	RIVERSIDE	925030000
CAL000098860	CHIEF AUTO PARTS #29816	3400 LA SIERRA SUITE G	RIVERSIDE	925030000
CAL000293026	LA SIERRA FAMILY DENTISTRY	3410 LA SIERRA AVE STE D	RIVERSIDE	92503
CAL000334512	STATER BROS MARKETS #115	3420 LA SIERRA AVE	RIVERSIDE	92503
CAL000125361	ALPHA CLEANERS	3430 LA SIERRA	RIVERSIDE	925030000
CAL000040779	ALPHA CLEANERS	3430 LA SIERRA	RIVERSIDE	925030000
CAL000441170	ALPHA CLEANERS	3430 LA SIERRA AVE #A	RIVERSIDE	925030000
CAL000256514	ALPHA CLEANERS	3430 LA SIERRA AVE STE A	RIVERSIDE	925030000
CAL000295545	ALPHA CLEANERS	3430 LA SIERRA AVE STE A	RIVERSIDE	925035226
CAL000373879	ALPHA CLEANERS	3430 LA SIERRA AVE STE A	RIVERSIDE	92503
CAL000124641	ALPHA CLEANERS	3430 LA SIERRA AVENUE	RIVERSIDE	925030000
CAD983610023	ALPHA CLEANERS	3430 LA SIERRA UNIT A	RIVERSIDE	925030000
CAL000033800	ALPHA CLEANERS	3430 LA SIERRA UNIT A	RIVERSIDE	925030000
CAR000231993	CVS PHARMACY # 9910	3440 LA SIERRA AVE	RIVERSIDE	925035204
CAL000356493	CVS PHARMACY # 9910	3440 LA SIERRA AVE	RIVERSIDE	92503
cal000238646	LONGS DRUG STORE #283	3440 LA SIERRA AVE	RIVERSIDE	925035204
CAL000412163	COSMOPROF BEAUTY	3480 LA SIERRA AVE # A	RIVERSIDE	925035204
CAD982484644	FOTOMAT CORPORATION #0C809	3860 LA SIERRA	RIVERSIDE	925030000
CAC002596977	STEVEN WALKER COMMUNITIES	5164(B&C),5170,5202 LA SIERRA AVE	RIVERSIDE	92503
CAC002329913	INLAND COMMUNTIES LLC	EL SOBRANTE & LA SIERRA	RIVERSIDE	925030000

The Department of Toxics Substances Control (DTSC) takes every precaution to ensure the accuracy of data in the Hazardous Waste Tracking System (HWTS). However, because of the large number of manifests handled, inaccuracies in the submitted data, limitations of the manifest system and the technical limitations of the database, DTSC cannot guarantee that the data accurately reflect what was actually transported or produced.

Report Generation Date: 12/02/2019

SOUTH COAST AQMD

PUBLIC RECORDS REQUEST FORM

Request Information

Date Stored

Time Stored

Public Record Request Nbr

Public Record Request Tracking Nbr
105421

Attention Requestor

Please fill out this form completely. You may include an attachment to the form, if necessary.

Requestor Information

Requestor Name
Kevin Ballesteros 045.02270

Requestor Address
5261 West Imperial Highway

Requestor Company
EFI Global

Requestor City
Los Angeles

Requestor Email *
KEVIN.BALLESTEROS@EFIGLOBAL.COM

Requestor State
California

Requestor Phone
(310)854-6300

Requestor Zip Code
90045

Type of Requested Record(s).

REQUESTED RECORDS. **Please be as specific as possible in describing the records you are seeking.** The more specific you are, the easier it will be to determine if such records exist in District files. Please contact the Public Records Unit if you need assistance in identifying District records.

Note: Permits to Operate, Equipment Lists, Notices of Violation, Notices to Comply, and Emissions Summaries are available through SCAQMD's FIND page at http://www3.aqmd.gov/webappl/fim/prog/search.aspx (you need to copy and paste this link into your browser).

Please Enter a description of the records you are requesting here: *
We are requesting any information from your departments pertaining to air emissions, including permits to operate, equipment lists and notices of violation.

Time Period of Documents Requested

Start Date *
01/01/1900

End Date *
12/2/2019

Requested Facility or Site Information (if applicable)

Note: You may only include one Facility or Site per Form.

Facility ID (if known)

Address
Southeast Corner of Victoria Ave. and La Sierra Ave.

Facility Name (if known)

City
Riverside

Zip Code
92503

Requested Application or Permit List. (if applicable)

Please click the Add Button to the right to enter a Application/Permit Number

Authorization Letter Attachment

Authorization Letter

Note: Please use the above button for attaching an Authorization Letter from the facility to release confidential information for your public records request.

Supplemental Attachments

Supplemental Documents

Note: Please use the above button for attaching additional documents that will help define your public records request.

INSTRUCTIONS FOR REQUESTING RECORDS

(California Public Records Act, Govt. Code Sections 6250-6276.48)

1. In order to expedite your request, please fill out the form completely. Requests may also be submitted by phone at (909) 396-3700, by facsimile to (909) 396-3330, or by email to PublicRecordsRequests@aqmd.gov.

2. Requests must be for records prepared, owned, used, or retained by the District (Gov. Code Sec. 6252(e)). Requests should be for clearly identifiable records. The District is not required to create a new record in response to a request. The District will assist the requestor in making a request that describes reasonably identifiable records (Gov. Code Sec. 6253.1). Documents will not be provided if disclosure would infringe upon a copyright, trade secret, or is otherwise exempt in accordance with state law.

3. A search for facility records can only be conducted by one or all of the following:

-- a) Facility Name, Address, or Identification Number

-- b) Facility Application Number, or Permit to Operate Number; or

-- c) Facility Notice of Violation/Notice to Comply Number.

4. You will be notified within ten (10) days whether your request seeks copies of disclosable public records prepared, owned, used, or retained by this agency. In some cases, the District may need an additional 14 days to respond. If so, you will be notified in writing. You will also be provided an estimated date of when the records will be made available.

5. Communications regarding your request, and any records, will be provided by email, unless specified otherwise.

6. If the search for records finds the records voluminous, you will be notified of the approximate number of pages and/or length of time it will take to process your request.

7. If the records you requested have been marked confidential by the source of the record, you will be notified and given the option of continuing with the District's Trade Secret process.

8. If your request is to review records, rather than receive copies, the District will notify you once the records are gathered, and arrangements will be made for your review.

9. The charge for the direct cost of duplication is as follows: Paper Copies, $0.15/page each over 10 pages (first 10 pages are free); Copied CD's or flash drives, no charge; and Copied Audio Tapes, $5.00 each. After a preliminary estimate, advance payment may be required.

10. If the request is for information in an electronic format, the requestor shall bear the cost of producing a copy of the record, including the cost to construct the record and the cost of programming and computer services necessary to produce a copy of the record, when either of the following applies: (1) the District would be required to produce a copy of an electronic record and the record is one that is produced only at otherwise regularly scheduled intervals, or (2) the request would require data compilation, extraction, or programming to produce the record. (Gov. Code Sec. 6253.9(b)). The transfer of gathered electronic records onto CD, DVD or flash drive typically costs $10.00 each. An invoice will accompany your records when completed.

Note: For further information, please refer to the District's Guidelines for Implementing the California Public Records Act. The Guidelines are available in the lobby of the District Headquarters or on the District's web site at www.aqmd.gov.

Note: If you have questions pertaining to the submittal of a Public Records Act request, you may contact the Public Records Unit, (909) 396-3700, Tuesday through Friday, 7:00 a.m. to 5:30 p.m. Our Fax number is (909) 396-3330. Our email address is PublicRecordsRequests@aqmd.gov.

Information Management
Public Records Unit

Direct Dial (909) 396-3700
Fax:(909) 396-3330

December 03, 2019

KEVIN BALLESTEROS
EFI GLOBAL
5261 W. IMPERIAL HWY.,
LOS ANGELES, CA 90045

Ref.: CONTROL NO: 1399540
P/O'S, EQL'S, & NOV'S FOR SE CORNER OF VICTORIA AVE & LA SIERRA AVE, RIVERSIDE, CA.

This is in regard to your public records request dated December 03, 2019. The District is unable to process your request as submitted because the record you have requested:
IS TOO VAGUE. PLEASE PROVIDE SPECIFIC INDIVIDUAL ADDRESSES, OR A COMPANY NAME, IDENTIFICATION NUMBER OR PERMIT NUMBER (ONE FACILITY PER REQUEST).
If you have any questions, please do not hesitate to contact me at (909) 396-2311.

Sincerely,

LORA TRAPP x2854
For COLLEEN PAINE
Public Records Coordinator

:lt