

The background features several thick, wavy, light blue lines that flow across the page from left to right, creating a sense of movement and depth. These lines are layered, with some appearing in front of others, and they curve and undulate across the lower half of the slide.

# 6. Construction Site Monitoring and Reporting

# Monitoring under the CGP

## Visual BMP Inspections

### Visual Monitoring:

- Qualifying storm events

- Non-stormwater discharges

### Sampling and Analysis:

- Runoff

- Non-stormwater discharges

- Receiving waters

- Contained runoff

- ATS discharges

**Optional Monitoring:** Run-on characterization

## Bioassessment Monitoring

# Weather and Precipitation Tracking

- **On-site rain gauge** - site specific information
  - Installation and reading guidance:  
[http://www.waterboards.ca.gov/water\\_issues/programs/swamp/cwt\\_guidance.shtml](http://www.waterboards.ca.gov/water_issues/programs/swamp/cwt_guidance.shtml)
- **Nearby governmental rain gauges** – support on-site rain gauge

**Track NOAA forecast daily and document**

- <http://www.srh.noaa.gov/>

# Construction Site Monitoring Program (CSMP)

## Traditional Construction Sites

Developed & Amended by QSD as part of the SWPPP]

Implemented by QSP

Identify risk level monitoring requirements from CGP

Address weather and rain event tracking

Identify monitoring locations

Identify safety factors

Identify frequencies for visual monitoring, sampling and analysis

Identify monitoring triggers

Identify quality assurance and quality control

Identify reporting and record retention requirements

Identify if watershed monitoring option has been approved

# Monitoring and Reporting Program (M&RP)

## Linear Underground/Overhead Projects

Developed & Amended by QSD as part of the SWPPP]

Implemented by QSP

Identify risk level monitoring requirements from CGP

Address weather and rain event tracking

Identify monitoring locations

Identify safety factors

Identify frequencies for visual monitoring, sampling and analysis

Identify monitoring triggers

Identify quality assurance and quality control

Identify reporting and record retention requirements

Identify if watershed monitoring option has been approved

# Visual Monitoring

## BMP Inspections

- **Routine** – Weekly (some BMPs may require more inspections)
- **Rain Event Triggered** – Every 24 hours during extended rain events.
- Initiate corrective actions within 72 hours of identification
- Amend SWPPP as needed.
- **Inspection Checklist** - Documentation

## Visual Site Monitoring

- **Qualifying Rain Event Triggered** – Rain event that produces 0.5" or more of precipitation with a period of 48 hours or more between rain events.
  - Pre-rain event within 48 hours prior predicted
  - Post-rain within 48 hours after conclusion.
  - Conducted during normal construction site business hours.

# Visual Monitoring

## Visual Site Monitoring (cont'd)

- Records of inspections and weather forecasts must be maintained and must include:
  - Personnel conducting inspections
  - Date & Time
  - Weather conditions including rain gauge readings
  - Observations
  - Corrective actions, if any
- LUP visual site monitoring requirements vary - Review Attachment A of the CGP

## Non-Stormwater Inspections

- **Routine** – quarterly inspections of all project drainage areas
  - Detect unauthorized non-stormwater discharges
  - Observe authorized non-stormwater discharges

# Visual Monitoring

## Non-Stormwater Inspections (cont'd)

- Document in an Inspection Checklist
  - Presence or indication of authorized or unauthorized non-stormwater discharge and the source.
  - Pollutant characteristics
  - Personnel performing inspection
  - Date & Time of inspection
  - Observations
  - Corrective actions, if any



# Water Quality Sampling and Analysis

## For demonstration of compliance with NALs

- Requirements will vary between Risk Levels and LUP Types
- Sampling triggered by Qualifying Rain Event and must be conducted during normal construction site business hours.
  - **Qualifying Rain Event:** Rain event that produces 0.5" or more of precipitation with a period of 48 hours or more between rain events.

# Non-Visible Pollutant Monitoring

- **Trigger** – Potential for non-visible pollutants to be discharged from site.
  - Typically associated with BMP failure or spill
- **Samples** – Collected within two hours of start of discharge from the site. Sampling Locations:
  - Runoff from area affected by spill or BMP failure
  - Runoff from area not affected by spill or BMP failure
- All project sites must have a plan to conduct non-visible pollutant monitoring regardless of Risk Level and LUP Type.

# Effluent Sampling

- Applies to Risk Level 2 & 3, and LUP Type 2 & 3 projects
- Minimum of 3 samples for each day of discharge
  - Risk 2 & 3: collect samples at all discharge locations.
  - LUP Type 2 & 3: collect samples to characterize discharge associated with all areas of construction.
- Collect samples of contained or stored stormwater from a qualifying rain event at the time of discharge.
- **Turbidity:** Required at sites subject to NALs
- **pH:** Required during phases of construction with high risk of pH discharge.
- Other pollutant sampling may be required by Regional Board or where there is a TMDL

# Receiving Water Monitoring

- Applies to Risk Level 3, and LUP Type 3 projects where:
  - Site effluent exceeds pH or Turbidity Receiving Water Monitoring Trigger, and
  - Site has a direct discharge to the receiving water
- Turbidity Trigger Exceedance – sample receiving water for turbidity
- pH Trigger Exceedance – sample receiving water for pH
- Sample at locations unaffected by site discharge and affected by site discharge
- Once trigger exceeded, receiving water monitoring continues for the duration of the project.

# Direct Discharge

- **CGP Glossary Definition:** A discharge that is routed directly to waters of the United States by means of a pipe, channel, or ditch (including municipal storm sewer system), or through surface runoff.
- **State Board FAQ Clarification:** Discharges from a construction site to a MS4 where commingling with upstream and/or downstream discharges can occur are not considered "direct discharges."

[http://www.waterboards.ca.gov/water\\_issues/programs/stormwater/gen\\_const\\_faq.shtml#29](http://www.waterboards.ca.gov/water_issues/programs/stormwater/gen_const_faq.shtml#29)

# Conditional/Optional Monitoring

- Risk Level 2 & 3 and LUP Type 2 & 3 may monitor run-on if there is reason to believe it is contributing to an NAL or Receiving Water Trigger exceedance.
  - Monitor stormwater that runs onto the construction site for all required constituents.
  - Provides information on background quality of water.

# Monitoring Safety Exception

- **Monitoring is not Required:**
  - during dangerous weather conditions
  - when the site/sampling locations are unsafe to access due to the storm event
  - Outside of scheduled site operation hours
- Sampling locations need to be selected with due consideration of safe wet-weather access
- Monitoring not completed due to safety factors must be documented and reported.

# Identifying Monitoring Locations

- The QSD will identify locations for visual monitoring and water quality sampling and analysis.
- **Locations will differ based on:**
  - type of monitoring
  - where the activity occurs
  - where discharge leaves the site
  - where run-on enters the site
- The monitoring locations will be identified on the site map included in the SWPPP



# Receiving Water Monitoring Locations

- Sample the receiving water:
  - upstream of the construction site (background)
  - downstream of the construction site (affected)
- Selecting locations in a lake, bay, or lagoon requires more information.
- Sampling locations must be identified on a map and field verified
- Location identification considerations:
  - away from bank
  - avoid stagnant or sluggish water
  - sample in main flow current
  - safety
  - tidal influence

# Water Quality Parameters

- **pH** – measure of the acidity/basicity of water
  - measured on a scale of 0 – 14
  - expressed in pH units
  - Field or lab measurement
- **Turbidity** – The measure of light scattering properties of water caused by suspended matter
  - expressed in nephelometric turbidity units (NTU)
  - Field or Lab measurement
- **Non-visible Pollutants** – pollutants that would not be detected during visual inspections
  - Typically will require lab measurement

# Sampling Methodologies

- **Grab Samples** – Single sample collected at a particular time and place that represents the composition of the water
- **Representative Samples** – Capture flow of runoff stream
- **Automatic Sensor Monitoring**
- **In Stream Measurements** – Discrete measurement at a particular time and place that represents the composition of the water at that time and place.

# Meter Selection Considerations

- Meet measurement quality objectives
- Calibration ability
- Designed for field and long term use
- User friendly
- Detailed operating manual with troubleshooting guide
- Customer support
- Cost

# Turbidity Measurements

- Follow manufacturer's manual for operation
- Sample must be representative of the discharge
- Take several measurements during each sampling event
- Measurement Cautions:
  - no gas bubbles trapped in vial
  - clean/clear outside vial
  - obtain reading before particles settle
  - recalibrate with different standard if readings are outside calibration standard limits.

# pH Measurements

- Test Kits – check pH range
- Calibrate with manufacturer provided buffer solutions
- Allow probe to equilibrate for at least 1 minute before pH is recorded
- Review storage requirements and shelf life of meters and probes
- Measurement Cautions:
  - Out-gassing or settling of charged clay particles
  - Review manufacturer trouble shooting guide

# Lab Analysis

- Analyses conducted by State-certified analytical laboratories:
  - Non-visible pollutants
  - Non-stormwater discharges
  - Other parameters required by Regional Boards or TMDLs
- State certified labs can be found through the Environmental Laboratory Accreditation Program  
<http://www.cdph.ca.gov/certlic/labs/Pages/ELAP.aspx>
  - Lab has undergone a rigorous demonstration of proper analytical procedures
  - Meets precision and accuracy requirements
  - Provides required level of quality assurance and quality control for analysis and data management

# Analytical Methods

- Methods for NPDES permit sampling specified by USEPA
  - CWA Section 304(h) Part 136
  - <http://www.epa.gov/waterscience/methods/method/>
- Detection Terms:
  - **Method Detection Limit (MDL):** Minimum concentration of an analyte that undergoes the entire measurement process and can be reported with a stated level
  - **Reporting Limit (RL):** Minimum value below which data are documented as non-detected
  - **Detected But Not Quantified (DNQ):** Values above the MDL and below the RL



# Quality Assurance and Quality Control (QA/QC)

- System of procedures, checks, audits, and corrective actions to ensure that environmental monitoring and sampling, and reporting activities are of the highest achievable quality. (US EPA)
- An integrated system of management activities (planning , implementation, assessment, reporting, and quality improvement) that focuses on providing confidence in the data or product by ensuring that it is of the type and worth needed and expected by the client. (SWAMP QAPrP)

# Construction QA/QC

- **Field Logs** – Written documentation of monitoring event
  - Date and Time
  - Personnel
  - Container labels
  - Type of samples collected
  - Abnormalities
- **Clean Sampling Techniques** – To prevent inadvertent contamination
  - No eating, drinking or smoking during sample collection
  - Do not collect sample near a vehicle
  - No coughing, sneezing or breathing over open sample container.

# Construction QA/QC

- **Chain of Custody** – Tracks samples from collection through data reporting
  - Samples by unique identifier on sample container label
  - Date and time of sample collection
  - Required analyses
  - Other instructions for laboratory.
- **Data Verification** – Process to review data to ensure completeness and accuracy
  - Ensure data is complete, accurate, and QA/QC requirements were met
  - Conduct verification as soon as possible

# Sampling Preparation

- Confirm access to sample site
- Gather equipment needed
- Clean/calibrate sampling equipment
- Pre-label and organize sample bottles
- Prepare field log sheet
- Prepare chain-of-custody forms
- Plan sample pick-up or delivery to laboratory

# Sample Handling

- Collect samples in lab provided containers
- Use clean powder-free nitrile gloves
  - Change gloves when something not known to be clean is touched
  - Only clean hands touch inside bags, bottles, buckets, and tubing
- Decontaminate all equipment
  - Use TSP-water wash and triple rinse with deionized water
  - Don't rinse containers with preservatives
  - Collect and dispose wash and rinse water properly
- Cap containers immediately and dry outside

# Sample Handling

- Carefully package in coolers with ice
- Secure cooler lid with packing tape
- Maintain samples between 0-6 degrees celsius
- Ship or deliver to laboratory Immediately
  - Samples must be received within hold time, within 48 hours, or as required by the laboratory (whichever is less)
  - Hold time starts when the sample is collected.

# Interpreting Results

- Compare your results with the appropriate limits for the project
  - NALs: Turbidity 250 NTU; pH 6.5 – 8.5
  - Receiving Water Monitoring Trigger: Turbidity 500 NTU; pH 6.0 – 9.0
- Initiate required reporting
- Receiving Water:
  - Compare data from downstream location to upstream location.
  - Look for significant increases due to site runoff or other potential sources.
- Non-Visible Pollutants:
  - Compare data from affected location to background
  - Initiate corrective actions if needed.

# ATS Monitoring

- Any system that uses chemical coagulation, chemical flocculation, or electro-coagulation to reduce turbidity
  - Typically has basins, pumps, and filtration units
- Attachment F – ATS Monitoring Requirements
- Monitoring Sampling and Reporting Plan (MSRP)
  - Developed by ATS designer as part of CSMP or M&RP
  - Type of ATS will determine monitoring requirements (flow through or batch treatment)
- Visual Monitoring
  - Designated responsible person on-site at all operation times
  - Daily visual inspections (recorded)



# ATS Monitoring

- Chemical Residual & Toxicity Tests
  - required for ATS effluent to demonstrate no chemical toxicity
  - Chemical residual tests (field) or toxicity tests (lab)
- If there is no acceptable residual test for a chemical, then the ATS must operate as batch treatment
- Chemical Residual Test:
  - Used with flow through ATS
  - Method validated by State-certified laboratory
  - Field test capable of producing results within one hour of sampling
  - MDL must be 10% or less than the MATC
  - Duplicates sent to contract lab monthly
- MATC: concentration equal to the geometric mean of the No Observed Effect Concentration and the Lowest Observed Effect Concentration.

# ATS Monitoring Records

- Data Log – Diary of recordings and observations
- Calibration records for field equipment and instrumentation.
- Results of field chemical residual tests
- Results of all lab analytical tests.
- Reporting:
  - Monthly electronically thorough SMARTS
  - Non-compliance within 24 hours of identification
  - Any Indication of toxicity: Report to appropriate agency.
  - Water Quality Standard Exceedance: report to Regional Board.

# ATS Monitoring

- Chemical Residual & Toxicity Tests
  - required for ATS effluent to demonstrate no chemical toxicity
  - Chemical residual tests (field) or toxicity tests (lab)
- If there is no acceptable residual test for a chemical, then the ATS must operate as batch treatment
- Chemical Residual Test:
  - Used with flow through ATS
  - Method validated by State-certified laboratory
  - Field test capable of producing results within one hour of sampling
  - MDL must be 10% or less than the MATC
  - Duplicates sent to contract lab monthly
- MATC: concentration equal to the geometric mean of the No Observed Effect Concentration and the Lowest Observed Effect Concentration.

# Bioassessment Monitoring

Required for projects that meet all of the following:

- Rated Risk Level 3 or LUP Type 3
- Directly discharges runoff to a freshwater wadeable stream(s) that is either:
  - Listed by the State Water Board or US EPA as impaired due to sediment, and/or has the beneficial uses of SPAWN & COLD & MIGRATORY
  - Tributary to any downstream water body that is listed for sediment; and/or have the beneficial uses of SPAWN & COLD & MIGRATORY
- Total project-related ground disturbance exceeds 30 acres

# Bioassessment Monitoring

- Monitoring is performed by taking samples to measure the population of freshwater benthic macroinvertebrates
  - Animals without backbones that are larger than ½ millimeter
  - Live on rocks, logs, sediment, debris and aquatic plants during some period in their life
  - Includes crustaceans such as crayfish, mollusks such as clams and snails, aquatic worms and aquatic insects.
- Monitoring will be utilized to assess the effect of the project on the biological integrity of the receiving waters.
- Monitoring includes:
  - collection and reporting of specified in-stream biological data
  - collection and reporting of specified in-stream physical habitat data

# Bioassessment Monitoring Exception

If construction commences out of an index period for the site location, the discharger shall:

- Receive Regional Water Board approval for the sampling exception
- Make a check payable to: Cal State Chico Foundation (SWAMP Bank Account) or San Jose State Foundation (SWAMP Bank Account) and include the WDID#
- Send a copy of the check to the Regional Water Board office
- Invest 7,500.00 x the number of samples required into the SWAMP program as compensation

# Bioassessment Sampling

- Samples to be collected within the sampling index period both:
  - Before ground disturbance, and
  - After the project is completed
- “After” samples collected after at least one winter season resulting in surface runoff after project related activities have completed.
- “Before” and “After” samples collected upstream and downstream of projects discharge.
- Upstream samples should be taken immediately before sites outfall and downstream samples should be taken immediately after outfall.
- Samples should be collected for each identified stream
- Habitat assessment data collected concurrently with all macroinvertebrate samples.

# Bioassessment Index Period

- Monitoring not required if construction performed outside of the sampling index period.
- Macroinvertebrate sampling shall be conducted during the time of year (index period) most appropriate for bioassessment sampling, depending on ecoregion.
- Map of bioassessment ecoregions can be found on the State Water Board's website at:  
[http://www.waterboards.ca.gov/water\\_issues/programs/sformwater/docs/constpermits/cgp\\_biomap.pdf](http://www.waterboards.ca.gov/water_issues/programs/sformwater/docs/constpermits/cgp_biomap.pdf)



# Bioassessment Planning

- Plan for scheduling to allow for Index Period specific sampling
- Hire or use personnel qualified to perform the field sampling for benthic macroinvertebrates per the “Reachwide Benthos (Multi-habitat) Procedure” as well as the full suite of physical characterization
- Use laboratories qualified to perform the analysis per Standard Taxonomic Effort (STE) Level I of the Southwestern Association of Freshwater Invertebrate Taxonomists (SAFIT), and using a fixed-count of 600 organisms per sample
- Have a QA plan in place that covers monitoring that includes requirement for external QA checks
- Budget and schedule for external QA checks to be performed by the CA Department of Fish and Wildlife’s Aquatic Bioassessment Laboratory.

# Bioassessment Planning

- Plan and budget for samples for each taxon ID to be stored for 3 years after completion of all (laboratory and external) QA evaluations
- External QA checks shall be performed on randomly selected macroinvertebrate samples collected per calendar year or ten percent of the samples per year (whichever is greater).
- An alternate laboratory with equivalent or better expertise and performance may be used if approved in writing by State Water Board Staff.

# Bioassessment Data Submittal

- Macroinvertebrate results are to be submitted to the State Water Board in electronic format.
- SWAMP developing standardized formats for bioassessment reporting data (excel format until that time)
- The physical/habitat data shall be reported using the standard format titled SWAMP Stream Habitat Characterization Form – Full Version

# Types of Reports

## The Paper Work:

Routine Site Inspection Reports

Storm event related Site Inspection Reports

Exceedance Reports

REAP's

Quarterly Non-Storm Water Inspections

Annual Report

# Weekly and Storm Event Related Inspection Reports

## All Risk Levels

Retain records on site with SWPPP while construction is on going

Maintain an electronic or paper copy of records for three years from the date generated or date submitted, whichever is last.

Shall develop CSMP that is to be included in SWPPP.

# LUP Type Dischargers

Shall prepare a M&RP that must be part of the SWPPP

LUP Type 1 shall conduct daily visual inspections.

LUP Type dischargers shall ensure that the Inspection, Maintenance , and Repair checklist remains on site with the SWPPP.

LUP Type 1 shall ensure photos of the site taken before, during, & after storm events are submitted through SMARTS once every three rain events.

# LUP Type 2& 3 Daily BMP inspections

Shall maintain a log of inspections in the SWPPP

Shall ensure that records of all storm water monitoring information and copies of reports required by CGP be retained for a period of at least three years.

Shall ensure photos of the site taken before, during, & after storm events are submitted through SMARTS once every three rain events.

Shall ensure that all field and/or analytical data are kept in the SWPPP document.

If the Type 2 or 3 discharger does not collect the required samples or do visual inspections due to an exception, an explanation shall be included in both the SWPPP and Annual Report.

# Storm Event Related Inspection Reports

## Risk Level 3 & LUP Type 3

Storm Water Effluent Monitoring Requirements

Electronically submit all storm event sampling results to State Water Board no later than 10 days after the conclusion of the storm event.



# Rain Event Action Plans

Discharger shall ensure a QSP maintain onsite a paper copy of each REAP in compliance with the record retention requirements of the Special Provisions in the General Permit.

Ensure QSP obtain and retain printed copy of forecast information from National Weather Service .

LUP Type sites are exempt.

# NAL Exceedance Report

**In the event any effluent sample exceeds an applicable NAL**

Risk Level 2 & 3 dischargers shall electronically submit all storm event sampling results to State Water Board no later than 10 days after the storm event.

The Regional Water Boards may require them to submit an NAL Exceedance Report.

All Exceedance Reports must be certified and at minimum include:

- Analytical method(s), reporting units, detection limit(s), parameter
- Date, time of sampling, place, visual observations (inspections), and measurements including precipitation
- Description of the current BMPs associated with the effluent sample that exceeded the NAL and the proposed corrective actions.

# Quarterly Non-Storm Water Reports

All Dischargers shall visually observe (inspect) each drainage area for the presence of unauthorized and authorized non-storm water discharges and their sources.

**January-March**

**April-June**

**July-September**

**October-December**

Document:

- Presence or evidence of Non-storm water discharge (authorized or unauthorized)
- Pollutant characteristic and Source (floating, suspended, sheen, discoloration, odor...)

**LUP Type dischargers do not have the Quarterly Non-Storm Water Report Requirement**

# Quarterly Non-Storm Water Reports

**All Risk level dischargers shall maintain on-site records that include**

Personal performing inspections

Dates and times inspection occurred

Responses taken to eliminate unauthorized non-storm water discharges

Efforts made to reduce or prevent pollutants contact with non-storm water discharges

## **Risk level 2 & 3 sites**

Shall sample effluent at all discharge point where non-storm water is discharged off site

Shall send all non-storm water sample analyses to a laboratory certified for such analyses by the State Dept of Health Services

Shall monitor & report run on from surrounding areas if it contributes to exceedance of NAL's or Receiving Water Triggers.

# Annual Reporting Requirements

All dischargers shall prepare & electronically submit an Annual Report.

- Reporting period is July 1 – June 30 each year.
- Reports Due no later than September 1<sup>st</sup> of each year.

The LRP or Approved Signatory shall certify each Annual Report.

Report must be signed by the LRP or a person legally authorized to sign and certify.

The discharger shall retain a copy of Annual Report for a minimum of three years after the date the report is filed

Copies can be electronic or paper

# Annual Reporting Requirements

## **CGP states Annual Report shall include:**

1. Summary & evaluation of all sampling & analysis
2. Analytical method(s), reporting units, and detection limits
3. Summary of all corrective actions taken
4. Identification of compliance activities or corrective actions that were not implemented
5. Summary of all violations of the General Permit
6. Names of those who performed inspections and or tested / collected samples
7. Date, time, place of inspections, sampling, measurements including precipitation
8. Visual observation & sample collection exception records

# SMARTS

Storm water Multi Application Reporting & Tracking System.

- **Purpose:**

Provide a platform where dischargers, regulators, and the public can enter, regulate, and/or comment on storm water data including NOIs, NOTs, compliance, and monitoring data.

- Internet-based & Available 24/7

- **Reports:**

NOI, Inspections, Violations, and Enforcement data.

- **Users:**

(1) State & Regional Board Staff

(2) External: Legally Responsible Person (LRP), Approved Signatory, Data Enterers and General Public

LRP  
Primary  
Account Holder

Approved Signatory  
Enter & Certify Data

Data Enterer  
Enter data only

General Public  
View Only



# Permit Registration Document (PRD) Process

- Register for SMARTS account
- Link Approved Signatories/Data Enterers
- File new NOIs
- Upload attachments
- Enter Sampling/Monitoring data
- Notice of Termination

Welcome to the State Water Resources Control Board |

GOVERNOR  
**SCHWARZENEGGER**



[Visit his Website](#)

*Water Boards Storm Water Multiple Application & Report Tracking System 2*

**Welcome to Storm Water Multiple Application and Report Tracking System - SMARTS!**

The Storm Water program regulates storm water discharges from locations such as industrial facilities, construction sites, and small linear projects. The Storm Water program is also responsible for processing, reviewing, updating, terminating Notices of Intent (NOIs), annual reports, and maintaining the billing status of each discharger.

SMARTS has been developed to provide an online tool to assist dischargers in submitting their NOIs, NECs, NOTs, and Annual Reports, as well as, viewing/printing Receipt Letters, monitoring the status of submitted documents, and viewing their application/renewal fee statements. The system will also allow the Regional Board and State Board staff to process and track the discharger submitted documents.

SMARTS is a user account and password protected system where a valid user account and password is needed to access the system. To create an account, please click the "Sign Up" button on the right side of the screen.

If you have any questions or for further assistance, please call State Water Board Staff at: 1-866-563-3107 Monday thru Friday 8:00AM - 5:00PM, or email [smarts@waterboards.ca.gov](mailto:smarts@waterboards.ca.gov).

Please note that Water Board offices will be closed on the 1st, 2nd, and 3rd Fridays of every month due to the Governor's Executive Directive.

**SMARTS LOGIN**

User ID:

Password:

Login

**Not signed up with SMARTS yet?**

To submit NOIs, Annual Reports, View/Print annual fees, or comment on submitted documents, please click the "Sign Up" button.

Sign Up

**Forget your password?**

[Reset your password here](#)

**Interested in viewing submitted NOI/SWPPP documents or Annual Report data?**

View SW Data

- Cal/EPA
- State and Regional Water Boards' Map
- Laws/Regulations
- Plans/Policies
- Programs
- Decisions Pending and Opportunities for Public Participation

**WATER BOARD LINKS**

# Filing PRDs in SMARTS

Select the Permit Type:

<b>Start New Storm Water Notice Of Intent</b>
Please click on the appropriate link to start an NOI
<b>Select Permit Type</b>
<a href="#"><u>Construction Storm Water General Permit</u></a>
<a href="#"><u>Caltrans Construction Projects</u></a>
<a href="#"><u>Region 8 MS4 Capitol Improvement Projects</u></a>

# Filing PRDs in SMARTS

Choose the Organization:

If this account does not belong to you, please log out.

## Construction

Please select the owner/operator of the new NOI from the following Businesses which you represent

Select	Address
<input type="radio"/>	LRP Company asdf asdf CA 99999
<input checked="" type="radio"/>	2nd Owner Company 1001 I Street Sacramento CA 95814
<input type="radio"/>	testing 3737 main st riverside CA 92501
<input type="radio"/>	Business not found in the list. I would like to register a new business

© 2010 Stat



# Filing PRDs in SMARTS

## Developer Information:

Owner Info	Developer Info	Site Info	Addtnl Site Info	Risk	Billing Info	Attachments	Certification	Print	Status History	NOTs
Developer Information <input type="button" value="Same as Owner Info"/> <input type="button" value="Clear Developer Information"/>										
Developer Name:	2nd Owner Company *				Contact First Name:	John *				
Street Address:	1001 I Street *				Contact Last Name:	Doe *				
Address Line 2:					Title:					
City/State/Zip:	Sacramento	CA	95814	*	Phone:	866-563-3107	* Ext:		(999)	
					E-mail:	smarts@waterboards.ca.gov				
<input type="button" value="Save &amp; Exit"/> <input type="button" value="Save &amp; Continue"/>										
Fields marked with * are mandatory fields.										



# Filing PRDs in SMARTS

## Site Information:

Owner Info	Developer Info	Site Info	Addtl Site Info	Risk	Billing Info	Attachments	Certification	Print	Status History
Site Information <input type="button" value="Same as Owner Info"/> <input type="button" value="Same As Developer Info"/> <input type="button" value="Clear Info"/> If Different, enter below									
Project Name:	<input type="text" value="Construction Site"/> *				Contact First Name:	<input type="text" value="John"/> *			
Street Address:	<input type="text" value="NWC 10th and I St"/> *				Contact Last Name:	<input type="text" value="Doe"/> *			
Address Line 2:	<input type="text"/>				Title:	<input type="text"/>			
City:	<input type="text" value="Sacramento-Sacramento"/> *				Phone:	<input type="text" value="866-563-3107"/>	* Ext:	<input type="text"/> (999-999-9999)	
County:	<input type="text" value="Sacramento"/> *				Emergency Phone:	<input type="text"/>	Ext:	<input type="text"/> (999-999-9999)	
Regional Board:	<input type="text" value="Region 5S - Sacramento"/> *				E-mail:	<input type="text" value="smarts@waterboardsd.ca.gov"/>			
State/Zip	<input type="text" value="CA 95814"/> *								
Total Site Size:	<input type="text" value="20"/> *	<input checked="" type="radio"/> Acres <input type="radio"/> Sqft			Latitude:	<input type="text" value="38.56535"/>	* Longitude:	<input type="text" value="-121.50879"/>	
Additional Information(Construction Specific) <small>5 significant digits! Ex: 99.99999)</small>									

# Filing PRDs in SMARTS

## Site Information:

Additional Information(Construction Specific)				
Total area to be disturbed:	15	Acres *	Percent of Total disturbed:	75
Imperviousness Before Construction:	45	% *	Imperviousness After Construction:	56
Tract Number(s):				
Mile Post Marker:				
Is the construction site part of larger common plan of development?	<input type="radio"/> Yes <input checked="" type="radio"/> No *			
Name of plan or development:				
Construction commencement Date:	10/04/2010	 *(MM/dd/yyyy)		
Complete grading date:			Complete project date:	10/27/2010
Type of Construction				



# Filing PRDs in SMARTS

## Site Information:

**Type of Construction**

Construction

Residential  Commercial  Industrial  Reconstruction  Transportation  Utility:

Other:  \*

Linear Utility Project

Above Ground  Below Ground  Gas Line  Water/Sewer Line  Communication Line  Cable Line  Electrical

Other:  \*

Fields marked with \* are mandatory fields.

Note: Selecting Linear Utility Project will allow entry of individual segments.

# Filing PRDs in SMARTS

## Linear Segment:

The screenshot shows the 'Segments Info' tab in the SMARTS application. The form is titled 'Segment Information' and contains the following fields:

Segment Name	Start Date	End Date	Begin Point Latitude	Begin Point Longitude	End Point Latitude	End Point Longitude
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Below the form are three buttons: 'Save Segment', 'Save & Exit', and 'Save & Continue'.

Note: No limit on number of segments entered. Each segment has an associated Risk value.

# Filing PRDs in SMARTS

## Sediment Risk:

Linear Segments have different Risk Selections.

<a href="#">Owner Info</a>	<a href="#">Developer Info</a>	<a href="#">Site Info</a>	<a href="#">Addtl Site Info</a>	<b><a href="#">Risk</a></b>	<a href="#">Billing Info</a>	<a href="#">Attachments</a>	<a href="#">Certification</a>	<a href="#">Print</a>	<a href="#">Status History</a>
<b>SEDIMENT RISK FACTOR WORKSHEET</b> Instructions: Enter R,K and LS factor values. System will calculate watershed erosion estimates and site sediment risk factor									
<b>A. Sediment Risk</b>									
A) R Factor Value: <a href="#">(What's this?)</a>									
B) K Factor Value (weighted average, by area, for all site soils) <a href="#">(What's this?)</a> ***If not using the SWRCB map (Populate K Factor) upload your analysis on the Attachment Tab prior to submitting to the SWRCB.									
C) LS Factor (weighted average, by area, for all slopes) <a href="#">(What's this?)</a> ***If not using the SWRCB map (Populate LS Factor) upload your analysis on the Attachment Tab prior to submitting to the SWRCB.									
<b>Watershed Erosion Estimate (=R*K*LS) in tons/acre</b>									1.22
<b>Site Sediment Risk Factor</b> Low Sediment Risk: < 15 tons/acre Medium Sediment Risk: >= 15 and <75 tons/acre High Sediment Risk: >= 75 tons/acre									Low

If R-value is <5  
and disturbed  
acreage is <5,  
system will  
offer Waiver

5.4 \*

0.3 \*  
  
[Statewide Map of K Values](#)

0.75 \*  
  
[Statewide Map of LS Values](#)

# Filing PRDs in SMARTS

## Receiving Water Risk:

RECEIVING WATER (RW) RISK FACTOR WORKSHEET	
<b>A. Watershed Characteristics</b>	
<p>A.1. Does the disturbed area discharge (either directly or indirectly) to a 303(d)-listed waterbody impaired by sediment? If answer is "yes," the project is automatically a high receiving water risk project - proceed to "total risk" worksheet. For help with impaired waterbodies please see below:</p> <p><a href="http://www.waterboards.ca.gov/water_issues/programs/tmdl/303d_lists2006_epa.shtml">2006 Approved Sediment Impaired WBs Worksheet</a> <a href="http://www.waterboards.ca.gov/water_issues/programs/tmdl/303d_lists2006_epa.shtml">http://www.waterboards.ca.gov/water_issues/programs/tmdl/303d_lists2006_epa.shtml</a> <a href="http://atlas.resources.ca.gov/imaps/atlas/app.asp">http://atlas.resources.ca.gov/imaps/atlas/app.asp</a></p> <p style="text-align: center;">OR</p> <p>A.2. Does the disturbed area discharge to a waterbody with designated beneficial uses of COLD and SPAWN and MIGRATORY? Please see below: <a href="http://www.ice.ucdavis.edu/geowbs/asp/wbquse.asp">http://www.ice.ucdavis.edu/geowbs/asp/wbquse.asp</a></p>	<p>Populate Receiving Water Risk</p> <p>Yes <input type="button" value="v"/> *</p> <p>Yes = High, No = Low</p> <p><a href="#">Statewide Map of High Receiving Water Risk Watersheds</a></p>
	<b>High</b>

# Filing PRDs in SMARTS

## Risk Level:

C. Combined Risk Level Matrix

		Sediment Risk		
		Low	Medium	High
Receiving Water Risk	Low	Level1	Level2	
	High	Level2		Level3

Project Sediment Risk:

Project Receiving Water Risk:

Project Combined Risk:

Fields marked with \* are mandatory fields.

Note: Based on Project Sediment Risk & Receiving Water Risk system determines the site's Risk Level.

# Filing PRDs in SMARTS

## Billing Information:

NOI: 1011 and P1 of Sacramento CA 95814

Owner Info Developer Info Site Info Addtnl Site Info Risk **Billing Info** Attachments Certification Print Status History

Billing Information Same as Owner Same as Developer Clear Billing Info If different enter below. Bill.Month: Bill.Hold:

Billing Name:	2nd Owner Company *	Contact First Name:	John *
Street Address:	1001 I Street *	Contact Last Name:	Doe *
Address Line 2:		Title:	
City/State/Zip	Sacramento CA 95814 *	Phone:	866-563-3107 * Ext:
		E-mail:	smarts@waterboards.ca.gov

Save & Exit Save & Continue

Fields marked with \* are mandatory fields.

The following are the Invoices and Payments associated with this NOI.

# Filing PRDs in SMARTS

## Attachments:

Owner Info
Developer Info
Site Info
Addtl Site Info
Risk
Billing Info
Attachments
Certification

Please click on Upload Attachment button to upload the corresponding files. Upload Attachment

Please provide the following details to upload the corresponding files. Click on the link to view them.

Attachment FileType:  \*

Attachment Title :  \*

File Description:

If Partial Document, Part No  \* of Total Parts  \*

Click "Browse" to locate the file and then click "Upload File"

File Name  Browse... Upload File

File size should be less than 75MB. Those greater than 75MB will not be uploaded.  
MS Office, PDF, and Picture files are accepted. (PDF is recommended)

Please be advised that preliminary tests of the upload function suggest that large files could take a long time to upload. Our estimated upload times for a connection is as follows:

File Size	Estimated Time
5 MB	3 - 5 min.
25 MB	15 - 20 min.
75 MB (max size)	25 - 30 min.

Attached files: The following are the current documents related to the NOI. Click on the link to view them.

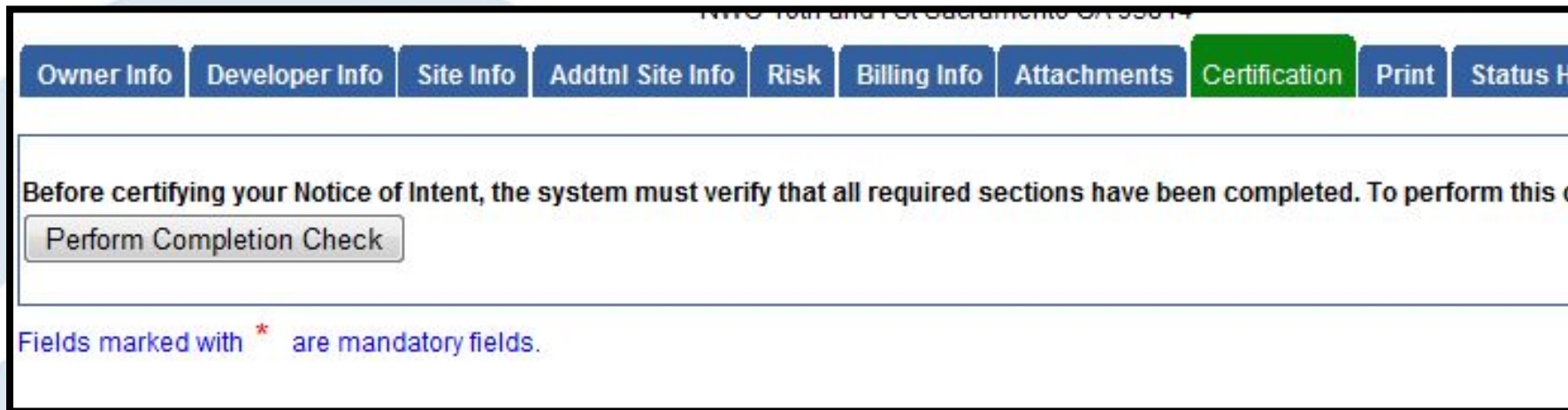
Attachment ID	File Type	File Title	File Desc	Part #
<a href="#">1029781</a>	SWPPP	SWPPP		1/1

Fields marked with \* are mandatory fields.

File Title

# Filing PRDs in SMARTS

## Completion Check:



The screenshot shows a web interface for filing PRDs. At the top, there is a navigation bar with several tabs: Owner Info, Developer Info, Site Info, Addtnl Site Info, Risk, Billing Info, Attachments, Certification (highlighted in green), Print, and Status H. Below the navigation bar, a message reads: "Before certifying your Notice of Intent, the system must verify that all required sections have been completed. To perform this check, click the button below." A button labeled "Perform Completion Check" is visible. At the bottom of the message box, a note states: "Fields marked with \* are mandatory fields."



# Filing PRDs in SMARTS

## Certification:

Owner Info	Developer Info	Site Info	Addtl Site Info	Risk	Billing Info	Attachments	Certification	Print	Status History
------------	----------------	-----------	-----------------	------	--------------	-------------	---------------	-------	----------------

You are required to print and sign the Notice of Intent, print the invoice, enclose the required payment and mail the complete package to the fee statement using the link below:

NOI Application checked for completeness and appears to be Complete.

You can now certify this Notice of Intent by completing the form below:

Approve	Certification & Submission check list
<input type="checkbox"/> *	I certify under penalty of law that this document and all attachments were prepared under the direction or supervision of myself or myself and others who have gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that the penalty for providing false information may include fine and imprisonment for knowing violations.
<input type="checkbox"/> *	I am also aware that my user ID and password constitute my electronic signature and any information I indicate I am providing is the legal equivalent of my handwritten signature. My signature on this form certifies that my electronic signature is not being shared with any other person. Should I wish to delegate such authority, I will do so formally in writing and electronically. I further certify that I will protect my electronic signature from unauthorized use, and that I will contact the system administrator if my electronic signature has been lost, stolen, or otherwise compromised.

Certifier Name:  \*

Certifier Title:

Date:  \*

Fields marked with \* are mandatory fields.

# Filing PRDs in SMARTS

## Certification:

Owner Info	Developer Info	Site Info	Addtl Site Info	Risk	Billing Info	Attachments	Certification	Print	Statu
Your electronic "Notice of Intent" has been successfully received by the State Water Resources Control Board's database. Your co									
Application Id		408828							
Type		Construction							
Submission/Certify Date		10/27/2010							
Certifier Name		John Doe							
Certifier Title									
Please print out this screen as proof of certification. You will not be allowed to make any further changes to the certified report. If									
All records must be retained for 5 years from the date of the report or monitoring activity.									
Fields marked with * are mandatory fields.									

# Filing PRDs in SMARTS

## Print Letters:

Owner Info Developer Info Site Info Addtl Site Info Risk Billing Info Attachments Certification **Print** Status History NOTs

**Print NOI Copy**

Fee Statement	Fee Statement
Original NOI	Initially Submitted NOI Information
Current NOI	Current NOI Information
Receipt Letter	Receipt Letter
Return Letter	Return Letter
Waiver Letter	Waiver Letter

Fields marked with \* are mandatory fields.

Secretary for  
Environmental Protection

1001 I Street Sacramento, California 95814 (916) 341-5530  
Mailing Address: P.O. Box 1977 Sacramento, California 95812-1977  
FAX (916) 341-5543 Internet Address: <http://www.waterboards.ca.gov>  
Email Address: [stormwater@waterboards.ca.gov](mailto:stormwater@waterboards.ca.gov)

Arnold Schwarzenegger  
Governor

**Reference # 355591**

**The Application Fee: \$ 842.0** Please make checks payable to: State Water Resources Control Board. Please note underpayments of the annual fee are not accepted and will be returned to the sender.

**Please send your Notice of Intent with an original signature, \$ 842.0 and Map (if not submitted electronically). Do not send blue prints.**

**Mailing Address:**

SWRCB  
Storm Water Section  
PO Box 1977  
Sacramento, CA 95831

**Overnight Mail:**

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

Once we receive your complete NOI package we will assign a WDID number within 1-2 business days. You can see the status of the permit and print your Receipt Letter at <http://www.waterboards.ca.gov/ciwqs>

**Send copy of this letter with check to the SWRCB.  
Upon receipt of check WDID number will be assigned**

NOVELL WEBACCESS - MOZILLA FIREFOX

File Edit View History Bookmarks Tools Help

http://groupwise.waterboards.ca.gov/gw/webacc?action=Item.Read&User.context=6eea3022467f1988e3f510b6d0fe5b3efb19992f&Item.drn=157611z4z0&merge=msgitem&Url.Folder.type=Fo

## Mail Message

Reply Read Later

Mail Properties

From: <smarts@waterboards.ca.gov>  
To: <potsuji@waterboards.ca.gov>  
Subject: Your submitted Notice of Intent Review - Status update  
Attachments: Mime.822 (993 bytes) [View] [Save As]

null

ApplicationId: 401523 Review Status: Active

Your submitted NOTICE OF INTENT is reviewed by Water Board and the Status has been updated.  
Please login to the SMARTS website at: [http://water24.waterboards.ca.gov/smarts\\_beta\\_test/faces/SwSmartsLogin.jsp](http://water24.waterboards.ca.gov/smarts_beta_test/faces/SwSmartsLogin.jsp) to check the status and complete the required details.

You can print the Review related document/letter from this website.

If you have any questions, please contact SMARTS Help Center : 1-866-563-3107.

**Users linked to Application will receive email confirmation**



# Change of Information

- Used to change any of the Tab fields.
- Reasons for Change:
  - Reduce or expand acreage.
  - Part of project sold and has new owner (LRP).
- Attachments:
  - Maps, photos, cover/explanation letter, other...

# Ad Hoc Report Monitoring

Enter Rain Event Details: Type of event, Start & End Date/Time

**Storm Water Adhoc Report Monitoring (SWARM)**

Site Name:	asdf	Owner:	LRP Company	WDID:	5S34W000001
Report Period:	2010-11	Report Status:	Future	Risk:	Level1

**Annual Report :**  
[Annual Report](#)

**New Adhoc Report :**  
This section allows you to start a new adhoc report.

Event Type: RAIN EVENT \*

Event Start Date/Time: 10/19/2010 \* Date in MM/DD/YYYY and Time in HH24:MI format

Event End Date/Time: 10/21/2010 \* Date in MM/DD/YYYY and Time in HH24:MI format

Rain fall amount: 0.75 Inches

No.of Business days: 2 \*

[Start New Event Report](#)

**Adhoc Reports**

Event Id	Event Type	Start Date & Time	End Date & Time	Status	Recieved Date
688674	RAIN EVENT	10/04/2010 00:00	10/13/2010 00:00	In-Progress	

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# Ad Hoc Report

## Verify Information:

<a href="#">General Info</a>	<a href="#">Mon.Locations</a>	<a href="#">Raw Data</a>	<a href="#">Data Summary</a>	<a href="#">Daily Averages</a>	<a href="#">Attachments</a>	<a href="#">Certify</a>	<a href="#">Back to Report Home Page</a>
In order to change the information of an NOI, please click the link - <a href="#">Click here to go to NOI screens</a>							
<b>A. Owner Information(Read Only):</b>							
<b>Owner Name:</b>	LRP Company	<b>Contact Name:</b>	Test Account				
<b>Owner Address:</b>	asdf	<b>E-mail:</b>	asdf@asdf.com				
<b>City/State/Zip:</b>	asdf CA 99999	<b>Phone:</b>	999-999-9999				
<b>B. Site Information (Read-Only)</b>							
<b>Site Name:</b>	asdf	<b>Contact Name:</b>	Test Account				
<b>Physical Address:</b>	asdf	<b>E-mail:</b>	asdf@asdf.com				
<b>City/State/Zip:</b>	Sacramento CA 99999	<b>Phone:</b>	999-999-9999				
<input type="button" value="Back"/>	<input type="button" value="Next"/>						
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# Ad Hoc Report

## Add/Edit Monitoring Locations:



The screenshot shows a web interface for managing monitoring locations. At the top, there are several tabs: 'General Info', 'Mon. Locations' (highlighted in green), 'Raw Data', 'Data Summary', 'Daily Averages', 'Attachments', 'Certify', and 'Back to Report Home Page'. Below the tabs is a button labeled 'Create New Monitoring Location', which is circled in red. Underneath the button is a table with the following columns: 'Monitoring Location Name', 'Discharge Point Type', 'Description', 'Latitude', 'Longitude', 'Status', and 'Delete'. The table contains one row with the following data: 'MonLoc1', 'Effluent Monitoring', (empty), '38.56535', '-121.50879', 'ACTIVE', and 'Delete'. Below the table are 'Back' and 'Next' buttons. At the bottom of the interface, there is a copyright notice: '© 2010 State of California. [Conditions of Use](#) [Privacy Policy](#)'.

Monitoring Location Name	Discharge Point Type	Description	Latitude	Longitude	Status	Delete
MonLoc1	Effluent Monitoring		38.56535	-121.50879	ACTIVE	<a href="#">Delete</a>

Once monitoring locations are created you can change the status for different rain events.

# Ad Hoc Report

Enter Monitoring Location Information:

General Info **Mon.Locations** Raw Data Data Summary Daily Averages Attachments Certify Back to Report Home Page

Add/Edit Monitoring Location

Save Cancel

Facility asdf \*

Discharge Point Type Effluent Monitoring \*

Monitoring Location Name MonLoc1 \*

CDF Identifier MonLoc1 \*

Description

Latitude 38.56535 \* ? (Decimal degrees only, minimum 5 significant digits! Ex: 99.99999)

Longitude -121.50879 \* ? (Decimal degrees only, minimum 5 significant digits! Ex: 99.99999)

Accuracy Select

Datum Select

Status ACTIVE \*

Save Cancel

\* - Indicates required.

# Ad Hoc Report

## Enter Sampling Data

<a href="#">General Info</a>	<a href="#">Mon.Locations</a>	<a href="#">Raw Data</a>	<a href="#">Data Summary</a>	<a href="#">Daily Averages</a>	<a href="#">Attachments</a>	<a href="#">Certify</a>	<a href="#">Back to Report Home Page</a>
<p>Click on "Enter New Sample" to enter the sampling results. To view/edit/delete previously entered data, click on the Sample ID.</p>							
<a href="#">Enter New Sample</a>							
Sample ID	Monitoring Location Name	Sample Date / Time					
<input type="text"/>							
<a href="#">Back</a>	<a href="#">Next</a>						
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# Ad Hoc Report

## Enter Sampling Data:

General Info | Mon.Locations | **Raw Data** | Data Summary | Daily Averages | Attachments | Certify | Back to Report Home Page

Enter the sample data along with measurements (lab results) for the event.

Save & Stay | Save & Add New Sample | Save & Back To List | Delete Sample

Monitoring Location: MonLoc1-Active \*      Sample Date/Time:  \*  
MM/DD/YYYY HH24:MI      Qualified SWPPP practitioner:  \*

% of Total Discharge:  \*

Parameter	ND Entry Result Qualifier	Result *	Unit Conversions Units	Analytical Method	Method Detection Limit	Analyzed By
pH	=	<input type="text"/>	SU	A4500HB	<input type="text"/>	LAB
Turbidity	=	<input type="text"/>	NTU	GRAB	<input type="text"/>	LAB

Add Additional Parameter

Save & Stay | Save & Add New Sample | Save & Back To List | Delete Sample

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To enter results for non-visible monitoring, choose Add Additional Parameter

# Ad Hoc Report

## Select Additional Parameters:

[General Info](#) [Mon.Locations](#) [Raw Data](#) [Data Summary](#) [Daily Averages](#) [Attachments](#) [Certify](#) [Back to Report Home Page](#)

Parameter Search  
Enter search criteria and click 'Search'.

Parameter Name

STORET Number

CAS Number

PCS Number

[Parameter Reference List](#)

Parameter	Attribute Description	Storet Number	Cas Number	Pcs Number	Action
Copper	Copper, Total Recoverable			01119	<a href="#">Select</a>
Copper	Copper, Percent Removal			51402	<a href="#">Select</a>
Copper	Copper, Dissolved			01040	<a href="#">Select</a>
Copper	Copper, Total			01042	<a href="#">Select</a>

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# Ad Hoc Report

## Complete Data Entry:

General Info | Mon.Locations | **Raw Data** | Data Summary | Daily Averages | Attachments | Certify | Back to Report Home Page

Enter the sample data along with measurements (lab results) for the event.

Save & Stay | Save & Add New Sample | Save & Back To List | Delete Sample

Monitoring Location: MonLoc1-Active \*      Sample Date/Time: 10/19/2010 00:00 \*  
MM/DD/YYYY HH24:MI      Qualified SWPPP practitioner: John Smith \*

% of Total Discharge: 50 \*

Parameter	ND Entry Result Qualifier	Result *	Unit Conversions Units	Analytical Method	Method Detection Limit	Analyzed By	Delete
pH	=	6.5	SU	GRAB		LAB	Delete
Turbidity	-	225	NTU	GRAB		LAB	Delete
Copper, Total	=		ug/L	E200.8		LAB	Delete

Add Additional Parameter

Save & Stay | Save & Add New Sample | Save & Back To List | Delete Sample

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# Ad Hoc Report

## Review Data:

Monitoring Location	Sample Date / Time	% of Total Discharge	Parameter	Result in Units	Analytical Method	Method Detection Limit	Analyzed By	QSP Practitioner	Delete
MonLoc1	10/19/2010 00:00:00	50	pH	=6.5 SU	GRAB		LAB	John Smith	<a href="#">Delete</a>
MonLoc1	10/19/2010 00:00:00	50	Turbidity	=225 NTU	GRAB		LAB	John Smith	<a href="#">Delete</a>
MonLoc1	10/20/2010 00:00:00	50	pH	=6.9 SU	GRAB		SELF	John Smith	<a href="#">Delete</a>
MonLoc1	10/20/2010 00:00:00	50	Turbidity	=200 NTU	GRAB		SELF	John Smith	<a href="#">Delete</a>







[Back](#) [Next](#)

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# Ad Hoc Report

Enter Daily Average:

General Info	Mon.Locations	Raw Data	Data Summary	Daily Averages	Attachments	Certify	Back to Report Home Page
This screen allows you to enter the daily average values computed for the pH and Turbidity from the sampling results provided earlier. Please enter the calculated averages by method/procedure in the field 'Calculation Summary' field.							
Business Day Number	Business Day Date	pH Average / SU(Please enter this value if you have pH in your sample)	Turbidity Average / NTU	Calculation Summary(Maximum 2000 characters. If more			
1	10/19/2010  *	6.5	225 *	average of 3 samples take  			
2	10/20/2010  *	6.8	200 *	average of 3 samples take  			
<input type="button" value="Save"/>							
<input type="button" value="Back"/> <input type="button" value="Next"/>							
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Turbidity is required and pH is required only if applicable.

# Ad Hoc Report

## Certify Report

[General Info](#) [Mon.Locations](#) [Raw Data](#) [Data Summary](#) [Daily Averages](#) [Attachments](#) [Certify](#) [Back to Report Home Page](#)

Completion/Error Check Completed: Report appears to be complete

Please take a moment to review, print (if necessary), and certify your submission.  
[Review & Print Ad Hoc report](#)

**Report Certification:**  
You can now certify this Report by completing the form below:

**Approve Certification & Submission check list**

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with the requirements of applicable law, I have personally reviewed the information submitted and I certify that it is true, accurate and complete. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for its preparation, I am aware that there are significant penalties for submitting false information, which could result in the imposition of civil and criminal penalties.

**Certifier Name:** John Doe \*  
**Date:** 10/27/2010

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# Ad Hoc Report

## Ad Hoc Report Summary:

**Storm Water Adhoc Report Monitoring (SWARM)**

Site Name:	asdf	Owner:	LRP Company	WDID:	5S34W000001
Report Period:	2010-11	Report Status:	Future	Risk:	Level1

**Annual Report:**

**New Adhoc Report:**  
This section allows you to start a new adhoc report.

Event Type:  \*

Event Start Date/Time:   \* Date in MM/DD/YYYY and Time in HH24:MI format

Event End Date/Time:   \* Date in MM/DD/YYYY and Time in HH24:MI format

Rain fall amount:  Inches

No.of Business days:  \*

**Adhoc Reports**

Event id	Event Type	Start Date & Time	End Date & Time	Status	Receieved Date	Remand	Delete
<a href="#">689821</a>	RAIN EVENT	10/19/2010 00:00	10/21/2010 00:00	Submitted		<a href="#">Remand</a>	<a href="#">Delete</a>
<a href="#">688674</a>	RAIN EVENT	10/04/2010 00:00	10/13/2010 00:00	In-Progress		<a href="#">Remand</a>	<a href="#">Delete</a>

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# Annual Report

## Start Annual Report:

**Storm Water Adhoc Report Monitoring (SWARM)**

Site Name:	asdf	Owner:	LRP Company	WDID:	5S34W000001
Report Period:	2010-11	Report Status:	Future	Risk:	Level1

**Annual Report:**

**New Adhoc Report:**  
This section allows you to start a new adhoc report.

Event Type:  \*

Event Start Date/Time:  \*  Date in MM/DD/YYYY and Time in HH24:MI format

Event End Date/Time:  \*  Date in MM/DD/YYYY and Time in HH24:MI format

Rain fall amount:  Inches

No.of Business days:  \*

**Adhoc Reports**

Event Id	Event Type	Start Date & Time	End Date & Time	Status	Recieved Date	Remand	Delete
<a href="#">689821</a>	RAIN EVENT	10/19/2010 00:00	10/21/2010 00:00	Submitted		<a href="#">Remand</a>	<a href="#">Delete</a>
<a href="#">688674</a>	RAIN EVENT	10/04/2010 00:00	10/13/2010 00:00	In-Progress		<a href="#">Remand</a>	<a href="#">Delete</a>

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- Annual Report Required Yes or No column on list.

# Annual Report

## Site Information:

### Storm Water Annual Report Monitoring (SWARM)

Site Name:	Test Construction Site	Owner:	2nd Owner Company	WDID:	9 37C360043
Report Period:	2012-13	Report Status:	Not Submitted	Risk:	Linear Type

**General Info** Form 1 Form 2 Form 3 Daily Averages Summary Attachments Notes Certification

#### A. Site Owner Information (Read-Only)

In order to change the information of an NOI, please click the link - [Click here to go to NOI screens](#)

Owner Name:	2nd Owner Company	Owner Contact:	John Doe
Owner Address:	1001 I Street	E-Mail:	smarts@waterboardsd.ca.gov
City/State/Zip:	Sacramento CA 95814	Phone:	866-563-3107

#### B. Site Information (Read-Only)

Site Business Name:	Test Construction Site	Site Contact:	John Doe
Site WDID No:	9 37C360043	E-Mail:	smarts@waterboardsd.ca.gov
Physical Address:	1001 I	Phone:	866-563-3107
City/State/Zip:	Sacramento CA 95814		

# Annual Report

## Form 1: Narrative Questions

**Storm Water Annual Report Monitoring (SWARM)**

Site Name:	Test Construction Site	Owner:	2nd Owner Company	WDID:	9 37C360
Report Period:	2012-13	Report Status:	Not Submitted	Risk:	Linear Typ

[General Info](#) **Form 1** [Form 2](#) [Form 3](#) [Daily Averages Summary](#) [Attachments](#) [Notes](#) [Certification](#)

[Section C through F](#) [Section G through J](#) [Section K through M](#) [Section N through Q](#) [Section R through T](#) [Section U and V](#)

**C. STORMWATER POLLUTION PREVENTION PLAN (SWPPP)**

C.1. Is the Construction Project SWPPP certified by a QSD?    
If NO, Explain:

C.2. Does the SWPPP include a Monitoring & Reporting Program (M&RP) section/element?    
If NO, Explain:

C.3. Are these documents kept onsite or in a construction vehicle and available upon request?    
If NO, Explain:

**D. GOOD SITE MANAGEMENT "i.e. HOUSEKEEPING"**

D.1. Were required good site management "i.e. housekeeping" measures for construction materials implemented on-site in accordance with CGP and SWPPP?    
If NO, Explain:

# Annual Report

## Form 2: Visual Observations of Non-Storm Water Discharges

**Storm Water Annual Report Monitoring (SWARM)**

Site Name:	Test Construction Site	Owner:	2nd Owner Company	WDID:	9 37C360043
Report Period:	2012-13	Report Status:	Not Submitted	Risk:	Linear Type

[General Info](#)
[Form 1](#)
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Please enter/edit the Authorized or Unauthorized Non Storm Water Discharge (NSWD) information that occurred during the reporting year. Once each row is completed, click the Save button. The system will save the data and open up an empty row for entry of a new record.

DATE/TIME OF OBSERVATION MM/dd/yyyy HH:mm:ss	AUTHORIZED OR UNAUTHORIZED (CHECK ONE)	SOURCE AND LOCATION OF NSWD	NAME OF NSWD	DESCRIBE NSWD CHARACTERISTICS(At the NSWD Source)	DESCRIBE NSWD CHARACTERISTICS(At the NSWD Drainage Area and Discharge Location)	DESCRIBE ANY REVISED OR NEW BMPs AND PROVIDE THE IMPLEMENTATION DATE
<input type="text"/>	Select <input type="button" value="v"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

\* Upon clicking the save button a new empty row is added.

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# Annual Report

## Form 3: Potential Pollutant Source/Construction Activity BMP Status

### Storm Water Annual Report Monitoring (SWARM)

Site Name:	Test Construction Site	Owner:	2nd Owner Company	WDID:	9 37C360043
Report Period:	2012-13	Report Status:	Not Submitted	Risk:	Linear Type

[General Info](#) [Form 1](#) [Form 2](#) **[Form 3](#)** [Daily Averages Summary](#) [Attachments](#) [Notes](#) [Certification](#)

Please enter a general summary of any BMP deficiencies identified for each quarter and the corrective actions taken. Maximum up to 1000 characters. Once completed, click the Save button.

July-Sept	<input type="text"/>
Oct-Dec	<input type="text"/>
Jan-March	<input type="text"/>
April-June	<input type="text"/>

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# Annual Report

## Ad Hoc Report Daily Average Summary:

If this account does not belong to you, please log out.

### Storm Water Annual Report Monitoring (SWARM)

Site Name:	Test Construction Site	Owner:	2nd Owner Company	WDID:	9 37C360043
Report Period:	2012-13	Report Status:	Not Submitted	Risk:	Linear Type

[General Info](#) [Form 1](#) [Form 2](#) [Form 3](#) **[Daily Averages Summary](#)** [Attachments](#) [Notes](#) [Certification](#)

[To submit monitoring data please start a new Ad Hoc Report.](#)

[Start New Ad hoc Report](#)

Data Summary for the Daily Averages of the Adhoc Reports associated with this Annual Report.

Adhoc Report ID	Business Day Number	Business Day Date	pH Average / SU	Turbidity Average / NTU	Calculation Summary
775869	1	10/02/2012	1	1	1

[Back](#) [Next](#)

# Annual Report

## Certification:

Storm Water Annual Report Monitoring (SWARM)					
Site Name:	Test Construction Site	Owner:	2nd Owner Company	WDID:	9 37C360043
Report Period:	2012-13	Report Status:	Not Submitted	Risk:	Linear Type
<a href="#">General Info</a> <a href="#">Form 1</a> <a href="#">Form 2</a> <a href="#">Form 3</a> <a href="#">Daily Averages Summary</a> <a href="#">Attachments</a> <a href="#">Notes</a> <a href="#">Certification</a>					
<b>Ad hoc Reports</b>					
All Ad hoc Reports must be in submitted status in order to certify and submit this Annual Report.					
Event ID	Event Type	Start Date & Time	End Date & Time	Status	Received Date
<a href="#">787363</a>	RAIN EVENT	03/01/2013 00:00	03/02/2013 00:00	Not Submitted	
<a href="#">775869</a>	RAIN EVENT	09/10/2012 12:24	09/11/2012 13:24	Submitted	01/16/2013
<a href="#">789234</a>	RAIN EVENT	04/01/2013 00:00	04/02/2013 00:00	Not Submitted	
<input type="button" value="Perform Completion Check"/>					
<b>Status History Table</b>					
Status of Document	Date	Status By			
Not Submitted	01/25/2013	Storm Water Admin			
Submitted	01/25/2013	Storm Water Admin			
Submitted	01/17/2013	approved signatory			
Submitted	11/07/2012	Storm Water Admin			
Not Submitted	11/07/2012	Storm Water Admin			

# Notice of Termination

## Enter Basis for Termination:

<a href="#">NOT Form</a>	<a href="#">NOT Attachments</a>	<a href="#">NOT Certify/Review</a>	<a href="#">NOT Status</a>	<a href="#">NOT Print</a>	<a href="#">Back To NOI Summary</a>
Please fill in this section where you want the confirmation letter sent to. <a href="#">Populate Operator/Owner Information</a>					
Organization Name:	LRP Company	Contact Person:(First Name)	Test *		
Street Address:	1001 I Street *	Last Name	Account *		
Line#2:		Title:			
City/ State/ Zip:	Sacramento CA 95831 *	Phone:	999-999-9999 *(ex:999-999-9999) Ext		
		Email:	asdf@asdf.com *(abc@xyz.co		
<b>Basis of Termination(Must select one option below)</b>					
<input checked="" type="radio"/> The construction project is complete. Choose the methods used to demonstrate the final stabilization.					
<input checked="" type="checkbox"/> 70% Final Cover Method					
<input type="checkbox"/> RUSLE or RUSLE 2 Method					
<input type="checkbox"/> Custom Method					
Date of project completion: 07/06/2010 (mm/dd/yyyy) *					
Have all elements of the SWPPP been completed?			Yes	If "No" provide a reason in the text box below.	
Is there a potential for construction - related storm water pollutants to be discharged into the site runoff?			No	If "Yes" provide a reason in the text box below.	
Have construction materials & waste been disposed of properly?			Yes	If "No" provide a reason in the text box below.	
Are all construction - related equipment, materials & any temporary BMPs no longer needed and removed from the site?			Yes	If "No" provide a reason in the text box below.	
Has compliance with Post - Construction Standards been demonstrated?			Yes	If "No" provide a reason in the text box below.	
Has a Post - Construction BMP long-term maintenace plan been established?			Yes	If "No" provide a reason in the text box below.	
<div style="border: 1px solid gray; height: 40px; width: 100%;"></div>					

# Notice of Termination

Construction activities have been suspended. Choose the methods used to demonstrate the final stabilization.

70% Final Cover Method  
 RUSLE or RUSLE 2 Method  
 Custom Method

Date of suspension:  (mm/dd/yyyy) \* Expected start up date  (mm/dd/yyyy)

Is there a potential for construction - related storm water pollutants to be discharged into the site runoff?  If "Yes" provide a reason in the text box

Have construction materials & waste been disposed of properly?  If "No" provide a reason in the text box

Have all denuded areas & other areas of potential erosion been stabilized?  If "No" provide a reason in the text box

Is there an operation & maintenance plan for erosion & sediment control in place?  If "No" provide a reason in the text box

---

Site cannot discharge storm water to waters of the United States (check one).

All storm water is retained on site.  
 All storm water is discharged to evaporation or percolation ponds offsite.

Discharge of storm water from the site is now subject to another NPDES general permit or an individual NPDES permit.

NPDES Permit No:  \* Date coverage began  (mm/dd/yyyy) \*

New Operator/Owner:

Date facility/site was transferred to new operator/owner:  (mm/dd/yyyy) \*

Have you notified the new operator/owner of the storm water NPDES permit requirements?  Yes  No \*

Business Name:	<input type="text"/> *	First Name	<input type="text"/> *
Street Address:	<input type="text"/> *	Last Name	<input type="text"/> *
Line#2:	<input type="text"/>	Title:	<input type="text"/>
City/ State/ Zip:	<input type="text"/> CA <input type="text"/> *	Phone:	<input type="text"/> * (999-999-9999) Ext <input type="text"/>
		Email:	<input type="text"/> * (abc@xyz.com)

Other

**Explanation of Basis of Termination:** Explain any other basis/reasons that are not covered above

# Notice of Termination

## Attach Pictures:

Your Data is saved successfully but not certified. In the NOT Certify/Review tab, Certify the NOT to submit it to the waterboard.

NOT Form **NOT Attachments** NOT Certify/Review NOT Status NOT Print Back To NOI Summary

Please click on Upload Attachment button to upload the corresponding files.

Attachment Id	File Type	File Title	File Desc	Doc Par
<a href="#">1023747</a>	SWPPP	test		1/1

Fields marked with \* are mandatory fields.

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**File type must be indicated as "Photograph"**

# Notice of Termination

## Perform Completion Check & Certify:

Your Data is Saved Successfully but not certified. In the NOT Certify/Review tab, Certify the NOT to submit it to the waterboard.

[NOT Form](#) [NOT Attachments](#) [NOT Certify/Review](#) [NOT Status](#) [NOT Print](#) [Back To NOI Summary](#)

Before certifying your Notice of Termination, the system must verify that all required sections have been completed. To perform this check, click the button below.

NOT Application #:507621

Review History

Review Decision	Date	Status By	Action Date Srt	Review Com
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# Notice of Termination

Print NOT Letters:

<a href="#">NOT Form</a>	<a href="#">NOT Attachments</a>	<a href="#">NOT Certify/Review</a>	<a href="#">NOT Status</a>	<a href="#">NOT Print</a>	<a href="#">Back To NOI Summary</a>
<b>Print NOT Copy</b>					
<input type="text" value="NOT.Approval Letter"/>		Confirmation from the Regional Water Board			
<input type="text" value="NOT.Denial Letter"/>		Denial by the local Regional Water Board			
<input type="text" value="NOT.Return Letter"/>		NOT submittal is incomplete with reason(s)			
Fields marked with * are mandatory fields.					