



## Storm Water Reports

<i>Document #</i>	<i>Document Title</i>	<i>Synopsis</i>	<i>Date</i>	<i>On Website?</i>
1 CTSW-RT-05-650.05.1	Annual Report 2004-2005 State Route 56 CDS & Receiving Water Monitoring, District 11 San Diego	Year 3 of 5 year monitoring program to document downstream water quality during construction on SR-56. Summary of sampling and structural Best Management Practice (BMP) maintenance activities. Gross pollutant quantification, sediment analysis, water samp.	Jun 2005	No
2 CTSW-RT-05-138.06.1	SR 267 Media Filter Pilot Study - Basis of Design Report	Pilot program objective is to implement full-scale BMP pilot projects to evaluate the effectiveness of new media filter technologies for treating runoff from Caltrans facilities along SR 267 at Lake Tahoe.	May 2005	No
3 CTSW-RT-05-132.16.1a	Storm Water Program Regional Work Plans Fiscal Year 2005-2006	Regional work plans prepared by Caltrans Districts annually and submitted to the Regional Water Quality Control Boards to comply with statewide NPDES permit requirements.	Apr 1 2005	Yes
4 CTSW-RT-05-132.16.1	Storm Water Program Annual Report, Fiscal Year 2003-2004	Summary of activities from 7-1-03 to 6-30-04. Describes specific measures taken to implement strategies to control pollutants in storm water runoff. Attachments on CD include Regional Work Plans, BMP Devel Status, Treatment BMP Tech, Const & Maint Compl	Apr 1 2005	Yes
5 CTSW-RT-05-069.04.11	Acute Toxicity Testing of Chemically Dosed Storm Water - Final Report	Explores the addition of chemical coagulants as a treatment technology to comply with discharge limits within the Lake Tahoe Basin. Examines potential aquatic toxicity associated with the chemicals before advancing this technology.	May 2005	No
6 CTSW-RT-05-069.04.10	Acute Toxicity Testing of Chemically Dosed Storm Water - Monitoring and Operations Plan	Investigates the toxicity to rainbow trout of Lake Tahoe storm water treated with each of four chemical coagulants at various doses and treated by filtration through activated alumina.	May 2005	No
7 CTSW-RT-05-069.04.08	Caltrans Lake Tahoe Storm Water Small-Scale Pilot Treatment Project - Phase IV Monitoring and Operations Plan	Multi-year project. Phase IV continues use of 4-inch diameter filter columns to investigate long-term performance of granular media filters. Continues and expands jar testing and sedimentation testing of chemical coagulants.	Jan 2005	No
8 CTSW-RT-05-069.04.07	Caltrans Lake Tahoe Storm Water Small-Scale Pilot Treatment Project - Phase III Final Report	Pilot project to identify and evaluate storm water treatment technologies to meet Lake Tahoe numeric surface water discharge limits for turbidity, total phosphorus, nitrogen, iron, and oil/grease. Results and analysis from pilot testing program year three	May 2005	No
9 CTSW-RT-04-999.99.2	Deicer Report for FY 2003-04 Caltrans District 3	Evaluation of BMPs used to recover abrasives and deicing materials in the Lake Tahoe Hydrologic Unit. Use of abrasives and deicing materials. Includes chemical and physical analyses, abrasives recovery program, and snow removal practices.	Oct 2004	No
10 CTSW-RT-04-999.99.1	Annual Construction Compliance Review Plan	Describes the program implemented by Caltrans for storm water compliance inspections at construction sites.	Aug 2004	Yes

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11 CTSW-RT-04-136.01.1	Year-End Performance Report March 2004: A Summary of Storm Water Task Force Construction Compliance Inspections (July 1, 2002 - June 30, 2003)	Construction compliance inspection. Reports level of storm water pollution control compliance observed on construction projects statewide and identifies Best Management Practices (BMP) implementation trends, improvements, and challenges noted.	Mar 2004	Yes
12 CTSW-RT-04-135,136.02.02.1	Year-End Performance Report, A Summary of Maintenance Facility Storm Water Compliance Reviews July 2003 - June 2004	Summary of storm water compliance reviews conducted at maintenance facilities to verify compliance with the SWMP and NPDES Permit.	Mar 2005	Yes
13 CTSW-RT-04-135,136.01.1	Year-End Performance Report, A Summary of Construction Compliance Inspections July 1, 2003 - June 30, 2004	Summary of construction compliance inspection activities of third-party contractors. Reports level of storm water pollution control compliance observed on projects statewide. Identifies Best Mgmt Practice implementation trends, improvements, challenges.	Mar 2005	Yes
14 CTSW-RT-04-132.10.2	Storm Water Program Regional Work Plans for Fiscal Year 2004-2005	Region-specific information on Caltrans Districts, water bodies, Best Management Practices (BMPs), and monitoring programs. Describes how the Department will specifically implement the SWMP within the jurisdiction of each RWQCB during FY 2004-05.	Apr 2004	Yes
15 CTSW-RT-04-132.10.1	Storm Water Program Annual Report - Fiscal Year 2002-2003	Specific measures to implement strategies included in the Storm Water Management Plan (SWMP) to control pollutants during the planning, design, construction, operation, and maintenance of the transportation infrastructure and to monitor results.	Apr 2004	Yes
16 CTSW-RT-04-132.03.1	Technical Report - BMPs Suitable for Implementing the Trash Total Daily Maximum Daily Load (TMDL)	Identify BMPs or other similar control measures that could be implemented, enhanced or refined to reduce the discharge of litter and debris in stormwater runoff in response to Los Angeles RWQCB TMDLs for trash.	Feb 2004	No
17 CTSW-RT-04-130.03.1	Phase III and IV Gross Solids Removal Devices Operations, Maintenance and Monitoring Plan - Monitoring Season 2004 - 2005	Describes operations to: Monitor amount of gross solids captured by 3 devices in District 7; Assess effectiveness of GSRDs in reducing gross solids from highway runoff.	Jul 2004	No
18 CTSW-RT-04-129.03.1	Geotextile Fabric Filter Laboratory Testing Results. Caltrans Sand Trap with Filter Fabric (TR2000) Full-Scale Pilot Study Summary of Results	Identify the most appropriate geotextile or cloth fabric for use in the HY 267 sand trap with filter fabric (TR2000) pilot storm water BMPs currently under construction. Work conducted at Caltrans Lake Tahoe Storm Water Small-Scale Pilot Treatment Facility	Oct 2004	No
19 CTSW-RT-04-129.01.1	Sampling and Analysis Plan - Caltrans Sand and Salt Sampling and Analysis Project	Collect and analyze samples of sand and salt that Caltrans uses for snow and ice management in the Lake Tahoe Basin.	Mar 2004	No
20 CTSW-RT-04-128-01.1	Caltrans District 2 Sand Filter Study - Water Quality Monitoring Sampling and Analysis Plan	In District 2 - Study of two Austin-type sand filters: combined-sedimentation and separate-sedimentation. Study included cost-saving measures, water quality monitoring, effectiveness of pollution reduction, and documentation of maintenance costs.	Apr 2004	No

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21 CTSW-RT-04-069.04.06	Treatment BMP Technology Report	Consolidates and standardizes information on storm water quality technologies that are part of Caltrans BMP identification and evaluation process. Includes the latest innovations in permanent storm water treatment and control, and existing technologies.	Nov 2004	Yes
22 CTSW-RT-04-069.04.05	Storm Water Monitoring and BMP Development Status Report	Status of monitoring and BMP technology development. Includes a summary of monitoring and applied studies conducted during the 2003-04 fiscal year, and those proposed for the next three years. Pilot studies are designed to gather cost, performance data.	Nov 2004	Yes
23 CTSW-RT-04-069.04.03	Caltrans Lake Tahoe Chemical Dosing System Development - Final Work Plan	Lake Tahoe pilot studies - Chemically enhanced sedimentation. Work plan in the development of a feasible chemical dosing system that can be implemented in roadside operations.	Jul 2004	No
24 CTSW-RT-04-069.04.02	Storm Water Treatment BMP New Technology Report	Consolidates and standardizes information on new technologies that are part of the Department's BMP identification, evaluation and approval process. Includes fact sheets for identified technology.	Apr 2004	Yes
25 CTSW-RT-04-069.04.01	Storm Water Monitoring and BMP Development Status Report	Monitoring and treatment BMP tech devel status. Monitoring and applied studies during FY 02-03 and future proposed. Combines 4 prior year reports: Annual Research Sum, Characterization Mon. Plans, 3-Year Action Plan, and Treatment Tech Research Status.	Apr 2004	Yes
26 CTSW-RT-04-069.01.1	Effective Planting Techniques to Minimize Erosion	This experiment sought to identify and compare vegetation planting techniques that provide immediate soil surface stability and long-term erosion control to reduce soil loss and improve water quality using native vegetation.	Jan 2004	Yes
27 CTSW-RT-04-007.650.05	Monitoring Report 2003-2004: State Route 56 CDS and Receiving Water Monitoring	Summary of water quality sampling and structural Best Management Practice (BMP) maintenance activities along coastal section of SR-56 in San Diego County. Covers June 2003- April 2004. Documents downstream water quality during construction.	May 2004	No
28 CTSW-RT-03-123.51.29	Basis of Design Report: Modifications of Existing BMP Retrofit Pilot Projects, District 11		Dec 2003	No
29 CTSW-RT-03-123	District 3 Deicer Report for FY 2002-03	Evaluation of BMPs used to recover abrasives and deicing materials within the Lake Tahoe Hydrologic Unit (HU). Describes the use of abrasives and deicing materials, analyses of abrasives recovery program. Snow removal practices.	Oct 2003	No
30 CTSW-RT-03-122.31.10	SR-73 Storm Water BMP Replacement Project at CSF System 630L, Gross Solids Removal Device Basis of Design Report	Summary of the site selection process and design guidance and presents the hydrologic and hydraulic calculations and assumptions used to design the replacement at CSF system 630L with a Gross Solids Removal Device (GSRD) on State Route 73 (SR-73).	Dec 2003	No

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31 CTSW-RT-03-121.31.10	SR-73 Storm Water BMP Replacement Project at CSF System 1085L, Gross Solids Removal Device Basis of Design Report	Summary of the site selection process and design guidance and presents the hydrologic and hydraulic calculations and assumptions used to design the replacement at CSF system 1085L with a Gross Solids Removal Device (GSRD) on State Route 73 (SR-73).	Dec 2003	No
32 CTSW-RT-03-116.31.30	Construction Site Storm Water Quality Sampling Guidance Manual, December 2003	Presents guidance for use in the planning and implementation of storm water monitoring programs conducted at construction sites to comply with regulatory requirements for the NPDES Permit and SWMP.	Dec 2003	No
33 CTSW-RT-03-110.31.30-1	Construction Storm Water Management Enforcement Guidance Manual	Construction Div manual provides background information on applicable storm water laws, regulations, and permits. Implement a consistent enforcement program for the Districts. Construction site: <a href="http://www.dot.ca.gov/hq/construc/stormwater/stormwater1.htm">http://www.dot.ca.gov/hq/construc/stormwater/stormwater1.htm</a>	Apr 2004	Yes
34 CTSW-RT-03-109.51.42	Guidance Manual: Stormwater Quality Monitoring Protocols - for CD see CTSW-OT-03-002, Electronic Toolbox	Provides step-by-step descriptions of the processes used to plan and implement a successful water quality monitoring program specific to runoff from transportation-related facilities.	Nov 2003	No
35 CTSW-RT-03-108.34.20	Annual Maintenance Facility Compliance Review Plan FY 2003-2004	Maintenance plan to ensure the appropriate level of storm water pollution control is achieved at Caltrans maintenance facilities.	Aug 2003	No
36 CTSW-RT-03-107.33.34	Annual Maintenance Activity Compliance Review Plan-Highway and Roadside Activities FY 2003-2004	Maintenance plan to ensure the appropriate level of storm water pollution control is achieved at Caltrans activity sites. Plan for compliance self-audits, BMP implementation trends, and reporting.	Aug 2003	No
37 CTSW-RT-03-106.31.33	Construction Division Storm Water Pollution Control Training Program Evaluation Report	Report discusses the background of construction water quality training courses, presents an evaluation of their effectiveness, identifies improvements for future training classes, and evaluates the training program as a whole.	Dec 2003	No
38 CTSW-RT-03-105.51.42	Caltrans Comprehensive Monitoring Protocols Guidance Manual. Contains Monitoring Protocols: Guidance Manual; Particle; Litter; Toxicity; Data Reporting Protocols; Stormwater Quality; Particle/Sediment; Gross Solids; Toxicity	Uniform policies and procedures to support and provide consistency for stormwater monitoring functions. Presents guidance for Caltrans and contractors to use in the planning and implementation of stormwater monitoring programs.	Nov 2003	Yes
39 CTSW-RT-03-104.51.64	Facility Pollution Prevention Plan, Caltrans District 3, Royal Oaks Warehouse, January 2004	Describes storm water pollution prevention practices and corrective actions required to ensure that the Sacramento Warehouse facility is in compliance with the Storm Water Management Plan (SWMP).	Jan 2004	No
40 CTSW-RT-03-102.31.30-1	Storm Water Pollution Prevention Plan (SWPPP) and Water Pollution Control Program (WPCP) Review Guidance Manual	Guidance document developed as a tool for Resident Engineers who are responsible for reviewing and approving SWPPPs and WPCPs. On Construction website: <a href="http://www.dot.ca.gov/hq/construc/stormwater/stormwater1.htm">http://www.dot.ca.gov/hq/construc/stormwater/stormwater1.htm</a>	Dec 2003	Yes
41 CTSW-RT-03-100.51.42	2003-2004 Gross Solids Data Reporting Protocols - for CD see CTSW-OT-03-002, Electronic Toolbox	Guidance for gross solids data reporting: provides general instructions; descriptions for gross solids samples, events, and sites; and measuring units conversion tables.	Nov 2003	No

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42 CTSW-RT-03-098.31.17	Phase III Gross Solids Removal Devices Basis of Design Report, November 2003	Design parameters associated with the installation of three Phase III Gross Solids Removal Devices (GSRDs). Pilot Program was initiated to develop and test devices to meet Total Maximum Daily Loads (TMDLs) requirements for trash.	Nov	2003	No
43 CTSW-RT-03-097.31.22	Phase II Gross Solids Removal Devices Pilot Study: 2001-2203 Final Report, November 2003	Phase II GSRDs pilot study to evaluate the performance of one non-proprietary device that can capture gross solids and that can be retrofitted into existing highway drainage systems.	Nov	2003	Yes
44 CTSW-RT-03-096.51.42	2003-2004 Particle/Sediment Data Reporting Protocols - for CD see CTSW-OT-03-002, Electronic Toolbox	Guidance for particle/sediment data reporting: provides general instructions; descriptions for particle/sediment samples, events, and sites; standard constituent names; and conversion tables.	Nov	2003	No
45 CTSW-RT-03-095.51.42	2003-2004 Stormwater Quality Data Reporting Protocols - for CD see CTSW-OT-03-002, Electronic Toolbox	Guidance for stormwater quality data reporting: provides general instructions; descriptions for water quality samples, events, and sites; standard constituent names; and measuring units conversion tables.	Nov	2003	No
46 CTSW-RT-03-094.51.45	Modifications to Detention Basin 506R, 604R and 785L San Joaquin Hills Transportation Corridor, State Highway 73, Caltrans District 12	CDS units on SR-73 that need to be modified to improve storm water treatment per San Diego RWQCB Cease and Desist Order.	Nov	2003	No
47 CTSW-RT-03-093.51.31	Highway 246 (PM 19.36) Santa Barbara County Safe Harbor Side Analysis Report		Nov	2003	No
48 CTSW-RT-03-092.51.43	Temporary Storage Site Assessment		Nov	2003	No
49 CTSW-RT-03-091.51.43	Assessment of Drain Inlet Cleaning and Waste Disposal		Nov	2003	No
50 CTSW-RT-03-090.51.45	SR-73 Constructed Extended Detention Basin Sites 583L, 659L, 696R and 1032L, Basis of Design Report, October 2003		Oct	2003	No
51 CTSW-RT-03-089.51.31	Safe Harbor Site Analysis, 101/154 Intersection (North) Santa Barbara Co.		Nov	2003	No
52 CTSW-RT-03-088.51.31	Safe Harbor Site Analysis Report. San Miguel Interchange Monterey Co. Constructed Wetlands Basin		Nov	2003	No
53 CTSW-RT-03-087.51.27	Fish Survey Report for an Unnamed Tributary to the Cordelia Slough		Sep	2003	No
54 CTSW-RT-03-085.51.45	Modification to Detention Basin 635L San Joaquin Hills Transportation Corridor State Highway 73, Caltrans District 12	Modification of CDS unit on SR-73 per San Diego RWQCB Cease and Desist Order to improve storm water treatment.	Nov	2003	No
55 CTSW-RT-03-079.51.37	Caltrans Lake Tahoe Stormwater Small-Scale Pilot Treatment Project, Phase II Report	Identify and evaluate storm water treatment technologies to meet the Tahoe Basin numeric surface water discharge limits for turbidity, total phosphorus, total nitrogen, total iron, and oil/grease. Results and analyses from Phase II of the pilot.	Dec	2003	Yes
56 CTSW-RT-03-078.51.35	State Route 73 Best Management Practices Pilot Study; Operation, Maintenance and Monitoring Plan	Evaluation of various treatment technology BMP pilot sites, estimate reduction in concentrations, implementation of maintenance procedures and documentation for such items as erosion and bank stability, vegetation height, trash and infiltration.	Oct	2003	No

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57 CTSW-RT-03-076.31.24	Phase III Gross Solids Removal Devices; Operations, Maintenance and Monitoring Plan, Monitoring Season 2003-04	Testing of selected devices to capture litter and coarse solids. In response to RWQCB trash Total Maximum Daily Load requirements. Testing included incline screens and sloping screens.	Sep 2003	No
58 CTSW-RT-03-074.51.28	Basis of Design Report, Modifications of Existing BMP Retrofit Pilot Projects, District 7		Aug 2003	No
59 CTSW-RT-03-073.35.17	Guidance for Temporary Soil Stabilization	Helps planning, selection, and implementation of temporary soil stabilization BMPs. Review of water quality monitoring of construction sites, and solutions to common soil stabilization problems. Use with Caltrans Storm Water Quality Handbooks.	Jul 2003	Yes
60 CTSW-RT-03-072.31.22	Phase I Gross Solids Removal Devices Pilot Study: 2000-2002 Final Report	Phase I Gross Solids Removal Devices (GSRDs) Pilot Study to evaluate non-proprietary devices to capture gross solids. Three design concepts developed for this pilot study were the Linear Radial, the Inclined Screen, and the Baffle Box.	Oct 2003	Yes
61 CTSW-RT-03-071.33.40	Storm Water Quality Handbooks- Construction Site Best Management Practices (BMPs) Guide	Provides detailed information of construction site Best Management Practices (BMPs) for water quality. On Construction website: <a href="http://www.dot.ca.gov/hq/construc/stormwater/stormwater1.htm">http://www.dot.ca.gov/hq/construc/stormwater/stormwater1.htm</a>	Mar 2003	Yes
62 CTSW-RT-03-070.31.6	Storm Water Quality Handbooks- Storm Water Pollution Prevention Plan (PPP) and Water Pollution Control Program (WPCP) Preparation Guide	Construction Division step-by-step procedures, instructions and templates to prepare a SWPPP or a WPCP. On Construction website <a href="http://www.dot.ca.gov/hq/construc/stormwater/stormwater1.htm">http://www.dot.ca.gov/hq/construc/stormwater/stormwater1.htm</a>	Mar 2003	Yes
63 CTSW-RT-03-069.51.42	2002-2003 Annual Data Summary Report	Compilation of summary and raw data by Caltrans monitoring studies.	Aug 2003	Yes
64 CTSW-RT-03-065.51.42	Caltrans Discharge Characterization Study Report	Overview of stormwater characterization activities; methods used to produce and evaluate the data; results of monitoring and data analysis; and conclusions pertinent to management of stormwater runoff from transportation facilities.	Nov 2003	Yes
65 CTSW-RT-03-063.33.41	Caltrans Lake Tahoe Storm Water Treatment Pilot Project Jar Test Results and Summary Report, Vols. 1,2,3	Presents the results of jar tests performed on up to 13 coagulants in an effort to identify a promising coagulant for the Tahoe Small-Scale Facility treatment technology tests.	Jun 2003	Yes
66 CTSW-RT-03-061.31.37	Monitoring and Operations Plan- Caltrans Tahoe Basin Highway 50 Full-Scale BMP Pilot Study, Monitoring Season 2003-2004		Sep 2003	No
67 CTSW-RT-03-060.34.20	Year End Performance Report June 2003- July 1, 2002-June 30, 2003- Summary of Maintenance Facility Storm Water Compliance Review	Compliance reviews at maintenance facilities and other activities performed July 1,2002 - June 30, 2003. Conducted to verify compliance with the requirements of the Statewide Storm Water Management Plan (SWMP), and the NPDES permit.	Jun 2003	Yes

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68 CTSW-RT-03-059.73.15	A Review of the Contaminants and Toxicity Associated with Particles in a Storm Water Runoff	Document known relationships between particle size, pollutant levels, and toxicity in stormwater runoff from highway facilities; examine existing sampling methods; identify knowledge gaps that limit ability to mitigate stormwater pollution.	Aug 2003	Yes
69 CTSW-RT-03-058.33.12	Minor A Curve Correction Construction Report - SR 299W, Shasta County, Buckhorn Curve Correction Project, including Biotechnical Cutslope Repair and Compost Trials	Project to promote slope vegetation, while also testing vegetation establishment techniques and stepped slopes in decomposed granite. Test site for geotextiles (erosion control blankets and coir netting).	Jun 2003	No
70 CTSW-RT-03-057.36.1	Caltrans Drain Inlet Cleaning Efficacy Study (DICE) Final Report	Results of a study designed to determine whether drain inlet cleaning is effective as a BMP. Summary of multi-year drain inlet cleaning (DICE), solids transport and deposition study (STDS), and drain inlet and inspection and cleaning program (DIIC).	Jun 2003	Yes
71 CTSW-RT-03-054.36.02	Caltrans Tahoe Highway Runoff Characterization and Sand Trap Effectiveness Studies, 2000-2003 Monitoring Report	Presents the results of highway runoff characterization in the Tahoe Basin and the effectiveness of sand traps.	Jun 2003	Yes
72 CTSW-RT-03-053.33.41	Caltrans Lake Tahoe Storm Water Small-Scale Pilot Treatment Project- Phase II Monitoring and Operations Plan	Presents the operation, maintenance, and monitoring plan for the Year Two (2002/2003 wet season) Tahoe Small-Scale Facility stormwater treatment technology testing activities.	Jun 2003	Yes
73 CTSW-RT-03-052	Caltrans Statewide Storm Water Runoff Characterization Study-Monitoring Season 2002-2003 Final Report	Presents results of the statewide runoff characterization from Caltrans facilities throughout the state.	Jun 2003	No
74 CTSW-RT-03-051	Caltrans BMP Retrofit Pilot Program 2002-2003 Final Summary Report-BMP Inspections and Maintenance--Dist. 7	Inspection, maint data for D-7 retrofit pilot sites: oil/water separator; extended detention basins; biofiltration strips, swales; infiltration basin, trench; sand filters; multi-chambered treatment trains; and continuous deflective separation units.	May 2003	No
75 CTSW-RT-03-050	Caltrans BMP Retrofit Pilot Program 2002-2003 Final Summary Report-BMP Inspections and Maintenance, District 11, San Diego	This document relates operation and maintenance activities and hours of retrofit BMPs in Caltrans District 11, San Diego.	Jun 2003	No
76 CTSW-RT-03-049	Caltrans Erosion Control New Technology Report	An evaluation of erosion control, focusing on practices and products applicable to upland areas.	Jun 2003	Yes
77 CTSW-RT-03-046	Storm Water Conference Summary Report		Apr 2003	No
78 CTSW-RT-03-045	Results From the "Don't Trash Fresno" Kiosk Survey	Response to survey to gauge viewership and clarity of message of the Don't Trash Fresno/ California anti-litter campaign.	Apr 2003	No
79 CTSW-RT-03-044	Survey of Fresno Area Residents Concerning Litter-Final Report	Public Education Research Study to determine the effectiveness of public education as a Best Management Practice for reducing the volume of pollutants entering the highway storm drain system.	Apr 2003	Yes
80 CTSW-RT-03-043	Public Education Research Study- Final Report	Public Education Research Study to determine the effectiveness of public education as a Best Management Practice for reducing the volume of pollutants entering the highway storm drain system.	Jun 2003	Yes

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81 CTSW-RT-03-042	Caltrans Lake Tahoe Storm Water Small-Scale Pilot Treatment Project - First Year Report	Pilot project to identify and evaluate storm water treatment technologies that may be capable of meeting the Tahoe Basin numeric surface water discharge limits.	Aug 2003	Yes
82 CTSW-RT-03-041	Model Storm Water Pollution Prevention Plan for: State Route BB New Freeway Construction	Provides a model stormwater pollution prevention plan for State Rout BB new freeway construction.	Jun 2003	No
83 CTSW-RT-03-040	Model Storm Water Pollution Prevention Plan for: State Route AA Widening and Reconstruction of Bridges	Provides a model stormwater pollution prevention plan for State Rout AA widening and reconstruction of bridges.	Jun 2003	No
84 CTSW-RT-03-039	Year End Performance Report: A Summary of Maintenance Division Storm Water Self-Audits on Caltrans Maintained Highway Activities FY 2003	Summarizes the methodology, findings, and recommendations of the self-audits performed on highway and roadside activities.	Jun 2003	Yes
85 CTSW-RT-03-038	Caltrans District 2 Sand Filter Study 2002-2003 Monitoring Report	Evaluate two sand filter systems in cold climate areas. Objectives include to determine how cold climates, different sedimentation basin designs, and earthen construction affect pollutant removal performance and cost.	Nov 2003	No
86 CTSW-RT-03-037	Freefall Discharge Evaluation Summary Report	Presents results of a study evaluating conditions where collection of wash water from roadway drain cleaning operations is not feasible because of freefall outfall conditions	Jun 2003	No
87 CTSW-RT-03-036	Compost Storm Water Filter System Monitoring Report , State Route 73	Results of two years of monitoring compost storm filters. In general, the CSF system removed some metals and TSS. However, most of the removal was in the equalization basin and not in the filter itself. Additionally, the filters leached nutrients.	Jun 2003	Yes
88 CTSW-RT-03-035	Semi-Annual Performance Report II-Fiscal Year 2002-03 October 16, 2002-April 15, 2003; A Summary of Storm Water Task Force Construction Compliance Inspections	Summarizes construction compliance inspection activities of the Storm Water Task Force. Reports the current level of water pollution control compliance observed, BMP trends and challenges, and suggests solutions to improve water pollution control.	Jun 2003	No
89 CTSW-RT-03-033	Summary of Changes to Caltrans Construction Site Best Management Practices Manual between 2000 and 2003	Provides guidance and all necessary procedures and standards to conduct gross solids monitoring at GSRD pilot sites along SR-73. For the first year, only Basin 1085L was ready for monitoring.	May 2003	No
90 CTSW-RT-03-030	SR-73 1085L GSRD with Sediment Trap- Operations, Maintenance and Monitoring Plan, Monitoring Season 2002-03	Provides guidance and all necessary procedures and standards to conduct gross solids monitoring at GSRD pilot sites along SR-73. For the first year, only Basin 1085L was ready for monitoring.	Jan 2003	Yes
91 CTSW-RT-03-028	Roadside Vegetated Treatment Sites (RVTS) Study	2-year water quality monitoring to evaluate removal of storm water contaminants by existing vegetated slopes adjacent to freeways.	Nov 2003	Yes
92 CTSW-RT-03-025	Infiltration Basin -Site Selection Study, Volumes I,II, and III		Jun 2003	Yes
93 CTSW-RT-03-023	Storm Water Monitoring and Research Program -Preliminary Report of Discharge Characterization Studies	Presents results and relevant analysis of the Caltrans statewide runoff characterization program. This report also contains a summary analysis of specialized characterization studies that Caltrans performed during the past three years.	Mar 2003	Yes

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94 CTSW-RT-03-022	Storm Water Monitoring and Research Program - Characterization Monitoring Plan for FY 2003/04	Monitoring procedures planned and submitted to the State Board as part of the Caltrans Storm Water Monitoring Plan (SWMP) and National Pollutant Discharge Elimination System (NPDES) permit requirements.	Mar 2003	No
95 CTSW-RT-03-021	Storm Water Monitoring and Research Program- Three Year Action Plan for FY 2003/04- FY 2005/06	Characterization monitoring activities submitted to the State Board as part of the Caltrans Storm Water Monitoring Plan (SWMP) and National Pollutant Discharge Elimination System (NPDES) permit requirements.	Mar 2003	No
96 CTSW-RT-03-020	Caltrans Storm Water Management Program Regional Work Plans for Fiscal Year 2003-2004	A regional workplan prepared by Caltrans Districts on annual basis and submitted to Caltrans HQ to request for necessary resource and technical assistance in order for them to comply with statewide NPDES permit requirements.	Apr 2003	Yes
97 CTSW-RT-03-017	Caltrans Tahoe Basin Geotechnical Site Investigations for Large Scale Pilot Systems, Infiltration Basins B101 and B109- Report of Findings	Geotechnical site investigation to characterize subsurface physical and chemical conditions - groundwater elevation, lithology, thickness, infiltration rates, and pollution capture potential in soils underlying two proposed infiltration basin sites.	April 2003	Yes
98 CTSW-RT-03-016	Caltrans Storm Water Management Program Annual Report	Program implemented by Caltrans to protect water quality while maintaining the traveling public's safety. Covers reporting period of July 1, 2001, through June 30, 2002, for ongoing SWMP and Permit requirements.	Apr 2003	Yes
99 CTSW-RT-03-010	Caltrans New Technology Report	This document consolidates and standardizes information on new technologies developed or identified as part of the Caltrans Statewide Storm Water Management Plan (SWMP). This version was updated in Fall 2002 and submitted in February 2003.	Feb 2003	No
100 CTSW-RT-03-009	Statewide Monitoring and Research Program: 2001-2002 Annual Research Summary Report	Presents summary results of research studies during the 2001-02 monitoring season.	Feb 2003	No
101 CTSW-RT-03-008	The Storm Water Treatment Technology Reasearch Status Report	This document summarizes the progress and status of Caltrans stormwater treatment technology research. This version was updated in Fall 2002 and submitted in April 2003..	Apr 2003	No
102 CTSW-RT-03-007	Year End Construction Compliance Performance Report March 2003	A summary of storm water task force construction compliance inspections from October 16, 2001 through October 15, 2002.	Mar 2003	Yes
103 CTSW-RT-03-006.51.39	Basis of Design Report Replacement Project at CSF System 1149L for Bioretention Area Pilot Project -State Route 73	Summarizes site selection process and design guidance. Presents hydrologic and hydraulic calculations and assumptions used to develop plans and specifications for replacement of a CSF System with a bioretention area BMP on SR-73.	Nov 2003	No
104 CTSW-RT-02-079	Modification of Existing BMP Retrofit Pilot Projects in District 7--Austin Sand Filters MCTTs	This report outlines alternatives for configuration of four pumped BMPs in District 7. The work is ongoing and the final basis of design for these projects is being performed under a separate task order.	Mar 2002	No

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105 CTSW-RT-02-078	Alternative Highway Drainage Design Report	Identify existing highway design practices for storm water management and to evaluate alternative design practices to more successfully implement the Statewide Storm Water Management Plan (SWMP).	Dec 2002	No
106 CTSW-RT-02-077	Storm Water Quality Handbooks- Project Planning and Design Guide	Design guidance for storm water quality controls in Caltrans projects during planning and design phases. Provides overall process for selecting and designing BMPs and incorporating those BMPs into appropriate documents.	Sep 2002	Yes
107 CTSW-RT-02-074	Caltrans Permanent Erosion Control Training for Designers	Provide necessary information and training material for residence engineer and other designer to manage permanent erosion on construction sites.	May 2002	No
108 CTSW-RT-02-073	Caltrans Temporary Erosion Control Training for Designers	Provide necessary information and training material for residence engineer and other designer to manage temporary erosion on construction sites.	May 2002	No
109 CTSW-RT-02-071	Phase II and III Gross Solids Removal Devices, Operations and Maintenance Plan -Monitoring Season 2002/03	Provides guidance and all necessary procedures and standards to conduct gross solids monitoring at GSRD Phase II and Phase III pilot sites in District 7. There are 1 Phase II site and 3 Phase III sites.	Nov 2002	No
110 CTSW-RT-02-068	2002-2003 Litter Data-Reporting Protocols	Provides necessary information and protocol for reporting of all litter data with relevant site and event description information.	Dec 2002	Yes
111 CTSW-RT-02-067	2002-2003 Stormwater Quality Data-Reporting Protocols	Presents standard protocols to report sample, event, and site description information for consistency and accuracy.	Dec 2002	Yes
112 CTSW-RT-02-066	Caltrans BMP Retrofit Pilot Program, District 7 Los Angeles 2001/02 Final Summary Report, BMP Inspections and Maintenance		Oct 2002	No
113 CTSW-RT-02-065	A Three Year Assessment of Vector Production in Structural Best Management Practices in Southern California This report is included in CTSW-RT-01-050 Appendix E.		Jun 2002	Yes
114 CTSW-RT-02-064	Caltrans BMP Retrofit Pilot Program District 11, fourth year2001-02 Final Summary Report , BMP Practices Inspection and Maintenance		Dec 2002	No
115 CTSW-RT-02-063	Sampling & Analysis Plan for Caltrans Statewide Storm Water Runoff Characterization Study	Presents the Sampling and Analysis Plan for statewide stormwater runoff characterization. The purpose of this document is to ensure consistent runoff characterization sampling by all monitoring teams.	Dec 2002	No
116 CTSW-RT-02-061	Sampling and Analysis Plan Caltrans Tahoe Basin Water Quality Characterization and Sediment Trap Effectiveness Studies Monitoring Season 2002-2003	Presents the Sampling and Analysis Plan for six monitoring sites in the Lake Tahoe Basin. All of the sites are located at double-barreled sand traps, two of the sites monitor influent as well as effluent. The purpose of the study is to characterize highw	Oct 2002	Yes

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117 CTSW-RT-02-057	Caltrans Storm Water Quality Handbooks- Maintenance Staff Guide	A guidance manual prepared for maintenance staff to deal with stormwater quality and to the extend possible to protect the integrity of receiving water.	May	2003	Yes
118 CTSW-RT-02-056	Construction Storm Water Coordinator Guidance Manual	This report provides guidance to storm water coordinators to manage runoff from construction sites.	Jan	2003	No
119 CTSW-RT-02-055	Caltrans Construction Sites Runoff Characterization Study	Results and findings of a 4-year construction site runoff characterization study for over 30 different construction sites.	Sep	2002	Yes
120 CTSW-RT-02-054	Caltrans Hydraulically Designed (CHD) Biofilter Strip Evaluation Program; Water Quality , Monitoring, Sampling and Analysis Plan	This Sampling and Analysis Plan discusses the methods and procedures that will be used to perform the Caltrans Hydraulically Designed (CHD) Biofilter Study.	Sep	2002	Yes
121 CTSW-RT-02-052	Rainfall Simulation: Evaluating Hydroseeding & Plug Planting Techniques for Erosion Control & Improved Water Quality--Vegetation Establishment & Maintenance Study--District 5 2001/2002	Compares establis of native Central Coastal CA seeding mix and a non-native mix using hydroseeding vs existing seed bank for rapid cover & effectiveness at controlling sediment transport under simulated rainfall. Effects of six erosion control treatments	Sep	2002	Yes
122 CTSW-RT-02-050	Special Provisions for the Sedimentation Basin and Filter Underdrain System at the Mount Shasta Maintenance Station		May	2002	No
123 CTSW-RT-02-048	2001-2002 Annual Data Summary Report, Storm Water Monitoring and Data Management	Presents data summary and raw data from monitoring and characterization efforts during 2001/02. This report was submitted to the State Board as part of the Caltrans Storm Water Monitoring Plan (SWMP) and National Pollutant Discharge Elimination System (NP	Aug	2002	Yes
124 CTSW-RT-02-047	Infiltration Basin Siting Study, Urbanized Areas of District 11 and Selected Non-Urbanized Areas		Aug	2003	No
125 CTSW-RT-02-046	Caltrans Hydraulically Designed (CHD) Biofilter Strip Evaluation Siting Report	Eight Caltrans sites were selected for evaluating the storm water runoff water quality effectiveness of biofiltration strips. There were forty potential sited identified.	Jul	2001	No
126 CTSW-RT-02-044	Caltrans Tahoe Highway Runoff Characterization and Sand Trap Effectiveness Studies, 2001-02 Monitoring Season	Presents the results of highway runoff characterization in the Tahoe Basin and the effectiveness of sand traps.	Aug	2002	Yes
127 CTSW-RT-02-043	Annual Maintenance Activity Compliance Review Plan		Aug	2002	No
128 CTSW-RT-02-041	2002-2003 Particle/Sediment Data-Reporting Protocols	Provides standards and specifications for reporting describing sites, storm events, and samples for sediment and particle characterization studies.	Sep	2002	Yes
129 CTSW-RT-02-040	Small Stream Crossing Impact Research Project; North Coast River Loading Project, Vol 1 Status of the Salmonids; Vol. 2 Stressors on Salmonids; Vol. 3 Impact of Stressors	Presents effects of runoff from road crossings on small river streams at highway site in the North Coast area, District 1.	Jul	2002	Yes
130 CTSW-RT-02-039	Herbicide Effects on Fish Reproduction Endocrye Disruption Capabilities of Surflan and Oryzalin	Presents toxicity impacts of selected herbicides on certain fish at two highway sites in District 1, North Coast area.	Oct	2002	Yes

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131 CTSW-RT-02-038	Caltrans Arid Region Non-Vegetative Erosion Control, Study Plan and Experimental Design	The purpose of the following is to address the need for non-vegetative erosion control technologies in roadside conditions that are typical of arid regions of California where vegetative systems may not be successful.	Jul	2002	Yes
132 CTSW-RT-02-037b	2001/2002 Final Summary Report-Caltrans BMP Retrofit Pilot Program, District 7, Los Angeles	Summarizes the inspection and maintenance of post-lawsuit Best Management Practices (BMPs).	Oct	2002	No
133 CTSW-RT-02-037	Caltrans BMP Retrofit Pilot Program, District 7, Los Angeles Fourth Year 2001/02 Report Continuous Deflective Separation Units Operations, Maintenance & Monitoring This report included in CTSW-RT-01-050 Appendix F.	Summarizes the inspection and maintenance of post-lawsuit Best Management Practices (BMPs).	Sep	2002	Yes
134 CTSW-RT-02-035	Caltrans Hydraulic Application Study	To assess the performance of seven hydraulically-applied erosion control products applied to soil plots at the San Diego State University Soil Erosion Research Laboratory (SDSU/SERL). A secondary project goal was to identify the erosion control performanc	Jun	2002	Yes
135 CTSW-RT-02-031	Caltrans Hydraulically Designed (CHD) Study, 2001-2002 Monitoring Report, Districts 2,3,4,8,11, and 12, California Department of Transportation, Environmental Program	Caltrans Hydraulically Designed (CHD) Biofilter Evaluation Program is a monitoring study to evaluate the removal of storm water contaminants by existing vegetated slopes adjacent to freeways.	Jun	2002	No
136 CTSW-RT-02-029	Caltrans District 2 Sand Filter Study, Water Quality Monitoring Sampling and Analysis Plan, California Department of Transportation, Environmental Program	Presents the Sampling and Analysis Plan for two sand filters to be performed in Caltrans District 2. The purpose of this study is to evaluate alternative designs of sand filters in cold climates.	Dec	2002	No
137 CTSW-RT-02-025	Management of Pathogens Associated with Storm Drain Discharge-Results of Investigations of the Presence of Human Pathogens in Urban Storm Drains	Presents results of study to detect pathogens in storm water runoff from Caltrans facilities in District 7 (Los Angeles) and District 11 (San Diego).	May	2002	Yes
138 CTSW-RT-02-024	Annual Monitoring Report Compost Stormwater Filter System Monitoring-State Route 73		July	2002	No
139 CTSW-RT-02-022	Caltrans Statewide Stormwater Runoff Characterization Study, Monitoring Season 2001-2002	Presents results of the statewide runoff characterization from Caltrans facilities throughout the state.	Jul	2002	Yes
140 CTSW-RT-02-021	Caltrans Public Education Litter Monitoring Study 2001-2002	Presents raw data and data summary for litter monitoring and characterization efforts during 2001-02 for the Fresno Public Education Litter Monitoring Study	Sep	2002	Yes
141 CTSW-RT-02-020	Level Spreader Effectiveness Evaluation	Presents the results of a study evaluating the performance of level spreaders as a construction BMP.	May	2002	Yes
142 CTSW-RT-02-018	Caltrans Monitoring Protocols Guidance Manual: Particle Monitoring	Provides guidance and all necessary procedures and standards to conduct a sediment and particles monitoring study related to storm water runoff from Caltrans facilities.	Aug	2002	Yes
143 CTSW-RT-02-017	Annual Construction Compliance Review Plan August 2002--Fiscal year 2002/2003	This report provides compliance review plan for construction projects.	Aug	2002	No
144 CTSW-RT-02-015	Year-End Performance Report , May 2002, A Summary of Storm Water Task Force Construction Inspections		May	2002	No

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145 CTSW-RT-02-009	Statewide Storm Water Quality Practice Guidelines	Guidelines describing approved Best Management Practices (BMP) included in the Statewide Storm Water Management Plan (SWMP). Provides Caltrans staff with instructions on implementing approved storm water management practice or BMP.	May 2003	Yes
146 CTSW-RT-02-008	Statewide Storm Water Management Plan	Describes Caltrans program to reduce the discharge of storm water drainage system pollutants. Identifies how Caltrans will comply with the National Pollutant Discharge Elimination System (NPDES) permit.	May 2003	Yes
147 CTSW-RT-02-007	Construction Site Best Management Practice Field Manual and Troubleshooting Guide	Provides manual information for field investigation and troubleshooting guidance for construction site best management practice.	Sep 2002	No
148 CTSW-RT-02-004	Storm Water Monitoring & Research Program Characterization Monitoring Plan FY 2002-2003	Describes general monitoring procedures for the statewide monitoring effort. This report was submitted to the State Board as part of the Caltrans Storm Water Monitoring Plan (SWMP) and National Pollutant Discharge Elimination System (NPDES) permit require	Jan 2002	No
149 CTSW-RT-02-003	Caltrans Storm Water Monitoring & Research Program: Annual Research Summary Report FY 2000-2001		Jan 2002	No
150 CTSW-RT-02-002	Caltrans Storm Water Monitoring Program: Annual Data Summary Report FY 2000-2001	Presents raw data and data summary from monitoring and characterization efforts during 2000/01. This report was submitted to the State Board as part of the Caltrans Storm Water Monitoring Plan (SWMP) and National Pollutant Discharge Elimination System (NP	Jan 2002	No
151 CTSW-RT-02-001	Storm Water Monitoring & Research Program 3-Year Action Plan FY 02/03-04/05	Describes Caltrans characterization monitoring activities during the specified period. This report was submitted to the State Board as part of the Caltrans Storm Water Monitoring Plan (SWMP) and National Pollutant Discharge Elimination System (NPDES) perm	Jan 2002	No
152 CTSW-RT-01-099	Deicer Report for FY 2000-2001 Caltrans District 3	De-icer report prepared by District 3 for fiscal year 2000-01.	Oct 2001	No
153 CTSW-RT-01-098	Public Education Final Reports, Plans & Surveys		Dec 2001	No
154 CTSW-RT-01-097	Regional Work Plans for Fiscal Year 2001/2002		Apr 2001	No
155 CTSW-RT-01-093A	Caltrans Erosion Control Training for Designers		May 2001	No
156 CTSW-RT-01-093	Caltrans Erosion Control Training for Landscape Architects-Summer 2001	Training information for landscape architects to control erosion on Caltrans facilities. Separate report # 093A for Erosion Control Training for Designers.	Jun 2001	No
157 CTSW-RT-01-092	A Preliminary Assessment of Vectors Associated with Stormwater Management Structures in the United States, A Nationwide Vector Control Perspective- Addendum This report is included in CTSW-RT-01-050 Appendix E.	Presents additional findings of a nationwide survey to document the relationship between storm water Best Management Practices (BMPs) and vector breeding.	Jun 2001	Yes

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158 CTSW-RT-01-091	A Preliminary Assessment of Vectors Associated with Stormwater Management Structures in the United States, A Nationwide Vector Control Perspective This report is included in CTSW-RT-01-050 Appendix E.	Presents findings of a nationwide survey to document the relationship between storm water Best Management Practices (BMPs) and vector breeding.	Jun 2001	Yes
159 CTSW-RT-01-090	An Initial Assessment in Vector Production in Structural Best Management Practices in Southern California This report is included in CTSW-RT-01-050 Appendix E.	Documents Best Management Practices (BMPs) in the Retrofit Pilot Study that were susceptible to providing habitat for vector breeding.	Jun 2001	Yes
160 CTSW-RT-01-089	A Preliminary Assessment of Design Criteria for Vector Production in Structural Best Management Practices in Southern California This report is included in CTSW-RT-01-050 Appendix E.	Documents engineering design features of the Retrofit Pilot Best Management Practice (BMP) sites in Los Angeles and San Diego that provided habitat for vector breeding.	Jun 2001	Yes
161 CTSW-RT-01-088	Project Plans for Construction Mount Shasta MS Sand Filter	Contains project plans for the Mount Shasta Maintenance Station sand filter.	Jul 2001	No
162 CTSW-RT-01-087	Project Plans for Construction Mountain Gate Sand Filter	Contains project plans for the Mountain Gate sand filter.	Aug 2001	No
163 CTSW-RT-01-086	Basis of Design Report Austin-type Sand Filter Cold Climate Application in Siskiyou County at the Mount Shasta Maintenance Station, Caltrans District 2--Plus Special Provisions Document (separate)	Contains design plans and calculations for the Mount Shasta Maintenance Station sand filter.	Jul 2001	No
164 CTSW-RT-01-085	Basis of Design Report Austin-type Sand Filter Cold Climate Application in Shasta County Adjacent to Interstate 5 Near Mountain Gate Overcrossing Caltrans District 2	Contains design plans and calculations for the Mountain Gate sand filter.	Aug 2001	No
165 CTSW-RT-01-083	BMP Retrofit Pilot Program, D-11 - San Diego, Third Year 2000-01 Report, Operations, Monitoring, and Maintenance, Kearny Mesa Storm Filter	Presents the annual update of activities relating to operation, maintenance, monitoring of the Storm Filter unit as part of the Best Management Practice (BMP) Retrofit Pilot Program.	Oct 2001	No
166 CTSW-RT-01-079	District 5 Advisory Guide to Plant Species Selection for Erosion Control--Vegetation Establishment & Maintenance Study, Vol. 2	This guide, and the geographic information system (GIS) in development from which it is derived, are intended as advisory resources in the specification of plant species to aid, district landscape architects, biologists, or other personnel primarily respo	Nov 2001	Yes
167 CTSW-RT-01-078	Vegetation Establishment for Erosion Control Under Simulated Rainfall--Vegetation Establishment & Maintenance Study, Vol. 1	Treatments were conducted in soil test boxes set at a 2:1 (H:V) slope. Erosion control treatments included combinations of five erosion control materials. Boxes were planted with the same native seed mix that included shrubs, forbs, and grasses. Erosion	Oct 2001	Yes
168 CTSW-RT-01-077	BMP Retrofit Program Quarterly Status Report No. 13 This report included in CTSW-RT-01-050 Appendix F and H.	Presents the quarterly update of activities relating to design, construction, operation, maintenance, monitoring of the Best Management Practice (BMP) Retrofit Pilot Program.	May23 2001	Yes
169 CTSW-RT-01-076	BMP Retrofit Program Quarterly Status Report No. 12 This report included in CTSW-RT-01-050 Appendix H.	Presents the quarterly update of activities relating to design, construction, operation, maintenance, monitoring of the Best Management Practice (BMP) Retrofit Pilot Program.	Feb 22 2001	Yes
170 CTSW-RT-01-075	Caltrans Storm Water Management Program Regional Workplans for Fiscal Year 2002-2003	Regional workplans prepared by Caltrans Districts annually and submitted to the Regional Water Quality Control Boards to comply with statewide NPDES permit requirements.	Apr 1 2002	No

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171 CTSW-RT-01-074	Caltrans Storm Water Management Program Annual Report 2001	Caltrans activities related to storm water management program and progress made during FY 2000-01. Prepared as part of the Caltrans permit requirement and submitted to State Board annually.	Apr 1 2002	No
172 CTSW-RT-01-072	Sampling and Analysis Plan, Caltrans Tahoe Basin Water Quality Characterization and Sediment Trap Effectiveness Studies	Presents the Sampling and Analysis Plan for six monitoring sites in the Lake Tahoe Basin. All of the sites are at double-barreled sand traps, two of the sites monitor influent as well as effluent. The purpose of the study is to characterize highway runoff	Nov 2001	Yes
173 CTSW-RT-01-071	Caltrans Storm Water Treatment Technology Research Status Report	Provides the status of all Caltrans storm water treatment technology pilots.	Dec 2001	No
174 CTSW-RT-01-070	Caltrans District 2 Sand Filter Study, Water Quality Monitoring Sampling and Analysis Plan	Presents the Sampling and Analysis Plan for two sand filters to be performed in Caltrans District 2. The purpose of this study is to evaluate alternative designs of sand filters in cold climates.	Dec 2001	No
175 CTSW-RT-01-069	Basis of Design Report -Growth Solids Removal Device Pilot Study Phase 2		Nov 2001	No
176 CTSW-RT-01-067	Caltrans Statewide Erosion Control Review	Provide a comprehensive, data-rich, and timely review of common Caltrans erosion control problem sites throughout the state. The study included 57 sites statewide.	Feb 2002	Yes
177 CTSW-RT-01-066	Temporary Non-Vegetative Soil Stabilization Evaluation Study for 2000-2001 Season	This report presents the results of a field study designed to evaluate the performance of seven temporary non-vegetative erosion control materials in Orange County, California.	Oct 2001	Yes
178 CTSW-RT-01-065	Caltrans Drain Inlet Cleaning Efficacy Study 2001-2002 Water Quality and Litter Monitoring Program Sampling & Analysis Plan	Presents the sampling and analysis plan for the 2001/02 Drain Inlet Cleaning Efficacy (DICE) monitoring season.	Oct 2001	No
179 CTSW-RT-01-064	Caltrans Drain Inlet Cleaning Efficacy Study 2001-2002 Water Quality and Litter Monitoring Program Health and Safety Plan	Presents the health and safety plan for the 2001/02 DICE monitoring season.	Oct 2001	No
180 CTSW-RT-01-063	Caltrans Drain Inlet Cleaning Efficacy Study 2001-2002 Water Quality and Litter Monitoring Program Standard Operating Procedures	Presents the standard operating procedures for the 2001/02 Drain Inlet Cleaning Efficacy (DICE) monitoring season.	Oct 2001	No
181 CTSW-RT-01-062	Third Year 2000-2001 Monitoring Report, Caltrans BMP Retrofit Pilot Program District 11	Presents the monitoring data from the third year of the Best Management Practice (BMP) Retrofit Pilot Program.	May 2001	No
182 CTSW-RT-01-061	Sampling & Analysis Plan, Construction Site Storm Water Runoff Characterization Study 2001-2002	Procedures and guidance for conducting construction site runoff characterization.	Oct 2001	No
183 CTSW-RT-01-060	2001-2002 Toxicity Data-Reporting Protocols - for CD see CTSW-OT-03-002, Electronic Toolbox	Provides standards and specifications to report site description, storm event description, and sample description data for toxicity characterization studies.	Oct 15 2001	No
184 CTSW-RT-01-057	2001-2002 Water Quality Data-Reporting Protocols	Presents hydrologic and storm event information, sampling information, and sample analyses.	Nov 2001	No

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185 CTSW-RT-01-056	Caltrans Monitoring Protocols Guidance Manual: Toxicity - for CD see CTSW-OT-03-002, Electronic Toolbox	Presents monitoring protocols for toxicity sampling.	Oct 15 2001	Yes
186 CTSW-RT-01-055	Caltrans Hydraulically Designed Biofilter Strip Evaluation Program, Water Quality Monitoring Sampling and Analysis Plan	This Sampling and Analysis Plan discusses the methods and procedures that will be used to perform the Caltrans Hydraulically Designed (CHD) Biofilter Study.	Dec 2001	No
187 CTSW-RT-01-054	Lake Tahoe Storm Water Treatment Pilot Project, Monitoring and Operations Plan	Presents the monitoring and operations plan for 17 small-scale pilot studies to be performed at the small-scale facility located at Myers Maintenance Station (Caltrans, District 3). The purpose of the small-scale pilots is to evaluate chemical/physical t	Mar 2002	No
188 CTSW-RT-01-053	Water Quality Monitoring Plan: Compost Storm Water Filter System Monitoring, State Route 73	Provides the plan for monitoring three compost storm filter (CSF) systems along State Route-73.	Oct 2001	No
189 CTSW-RT-01-051-	District 2 Sand Filter Study 2001-2002 Monitoring Interim Report		Sep 2002	No
190 CTSW-RT-01-051	Caltrans Statewide Storm Water Runoff Monitoring and Characterization Study, Sampling and Analysis Plan	Presents hydrologic and storm event information, sampling information, and sample analyses.	Sep 2001	No
191 CTSW-RT-01-050	Caltrans BMP Retrofit Pilot Program - Final report	Pilot program to acquire experience in the installation and operation of a wide range of structural BMPs for treating stormwater runoff from existing Caltrans facilities and to evaluate the performance and costs of these devices.	Jan 2004	Yes
192 CTSW-RT-01-048	Rainy Season Performance Report Fiscal Year 2000-2001, A Summary of Storm Water Task Force Construction Compliance Inspections	This report presents performance evaluations of construction sites during rainy season during fiscal year 2000-01.	Aug 2001	No
193 CTSW-RT-01-046	Survey of Fresno Area Residents Concerning Litter		Jul 2001	No
194 CTSW-RT-01-045	Public Education Research Study Literature Review		Aug27 2001	Yes
195 CTSW-RT-01-043	Litter Laboratory Data Summary Report	Presents procedures to select representative construction sites throughout the state for construction site runoff characterization study.	Aug 2001	No
196 CTSW-RT-01-042	Sand Filter Optimization Reconnaissance Study	The purpose of this document was to evaluate (technically and fiscally) different design parameters that could optimize the performance of a sand filter.	Oct 30 2001	No
197 CTSW-RT-01-040	Alternative Media Reconnaissance Study	This document provides an evaluation (technically and fiscally) of different media (other than sand) that can be used in filters.	Oct 15 2001	No
198 CTSW-RT-01-039	Alternative Media Literature Review	This document identifies different media (other than sand) that can be used in filters.	Aug7 2001	No
199 CTSW-RT-01-038	Final Report Caltrans Tahoe Basin Storm Water Monitoring Program, Monitoring Season 2000-2001	Presents summary results of the storm water runoff, snowmelt runoff, thunder storm, and precipitation characterizations from three highway sites in Districts 3 (Tahoe Basin) during the 2000/01 monitoring season.	Aug 2001	Yes

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200 CTSW-RT-01-037	Summary Report Caltrans 2000-2001 First Flush Characterization Study	Presents summary results of the first flush characterization study from three highway sites in Districts 7 during the 2000/01 monitoring season.	Jul 10 2001	No
201 CTSW-RT-01-036	Annual Construction Compliance Review Plan, FY 2001-2002		Jul 2001	No
202 CTSW-RT-01-035	Alternative Detention Devices	This document identifies and evaluates (technically and fiscally) different options for alternative detention devices.	Aug 2001	No
203 CTSW-RT-01-034	Final Reconnaissance Report - Research Plan for Alternative Configurations and Pretreatment Options for Sand Filters	The purpose of this document was to identify and evaluate (technically and fiscally) different options for reducing the capital and annual costs of sand filters.	Jul 2001	No
204 CTSW-RT-01-028	Non Rainy Season Performance Report, Fiscal Year 2000/2001	This report presents performance evaluations of construction sites during non-rainy season during fiscal year 2000-01.	Jun 2001	No
205 CTSW-RT-01-027	Caltrans Litter Inlet Deflector Study, August 2000-2001 Report	Summarizes the data from the Litter Inlet Deflector (LID) study. The LID study investigated the use of Litter Inlet Deflectors to reduce litter entering the storm drains.	Aug 2001	No
206 CTSW-RT-01-026	Chemical Treatment to Improve Settling Reconnaissance Study	Presents the results of a literature search focusing on the use of chemical treatment to improve treatment (settling) of storm water.	Jun 2001	No
207 CTSW-RT-01-025	Statewide Storm Water Quality Practice Guidelines		Aug 2001	No
208 CTSW-RT-01-024	Statewide Storm Water Management Plan		Aug 2001	No
209 CTSW-RT-01-023	Caltrans Construction Sites Runoff Characterization Study, Monitoring Season 2000-2001	Presents summary results of the storm water runoff characterization from seven construction sites in Districts 3, 4, 6, 8, 11 and 12 during the 2000/01 monitoring season.	Aug 2001	No
210 CTSW-RT-01-022	Projects Study Report/Project Report, San Diego and Imp. Cos. At Various District Maintenance Station s for Safety, and stormwater upgrades		Nov 2003	No
211 CTSW-RT-01-018	Monitoring Report 2000-2001: Caltrans Public Education Litter Monitoring Study	Presents raw data and data summary from the base-line litter monitoring and characterization efforts during 2000/01for the Fresno Public Education Litter Monitoring Study.	Jul 2001	No
212 CTSW-RT-01-017	Storm Water Monitoring Program: Characterization Monitoring Plan, FY 2000-2001	Describes Caltrans general monitoring procedures for the statewide monitoring effort. This report was submitted to the State Board as part of the Caltrans Storm Water Monitoring Plan (SWMP) and National Pollutant Discharge Elimination System (NPDES) permi	Jan 2001	No
213 CTSW-RT-01-016	Caltrans Storm Water Management Program Annual Report 2000		Apr 1 2001	No
214 CTSW-RT-01-015	Caltrans Stormwater Monitoring Program: Characterization Monitoring Plan , FY 2000-01	Provides monitoring results for Caltrans statewide runoff characterization study during 2000/01 monitoring season.	Jan 2001	No

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215 CTSW-RT-01-014	Detailed Sudy Plan and Experimental Design, Caltrans Temporary/Permanent Soil Stabilization Evaluation Study	This Sampling and Analysis Plan discusses the methods and procedures that will be used to perform the Caltrans Temporary/Permanent Soil Stabilization Evaluation Study.	Mar	2001	No
216 CTSW-RT-01-012	Caltrans New Technology Report	Consolidates and standardizes information on storm water treatment technologies. In addition, provides the status of current Caltrans treatment technology research.	Mar	2001	No
217 CTSW-RT-01-011	Year End Performance Report April 2001, A Summary of Storm Water Task Force Construction Inspections		Apr	2001	No
218 CTSW-RT-01-010	Field Guide to Construction Site Dewatering	This report provide guidance and all necessary information to deal with construction site dewatering procedures.	Oct	2001	No
219 CTSW-RT-01-008-B	Documentation for Caltrans Storm Water Database with Graphical Interface & Data Analysis Tool	Describes Microsoft Access-based software used to store and retrieve all Caltrans monitoring and characterization data.	Jan	2001	No
220 CTSW-RT-01-008-A	Caltrans Storm Water Database with Graphical Interface & Data Analysis Tool - Laboratory EDD Processing Tool Replaced by CTSW-OT-03-002	Microsoft Access-based software used to store and retrieve all Caltrans monitoring and characterization data.	Jan	2001	No
221 CTSW-RT-01-007	Caltras Storm Water Monitoring Program: Characterization Monitoring Plan, FY 2001-2002	Describes Caltrans general monitoring procedures for the statewide monitoring effort. This report was submitted to the State Board as part of the Caltrans Storm Water Monitoring Plan (SWMP) and National Pollutant Discharge Elimination System (NPDES) permi	Apr	2001	No
222 CTSW-RT-01-006	Caltrans Storm Water Monitoring Program: 3-Year Action Plan, FY 01/02 -03/04	Describes projected Caltrans characterization monitoring activities during the specified period. This report was submitted to the State Board as part of the Caltrans Storm Water Monitoring Plan (SWMP) and National Pollutant Discharge Elimination System (N	Apr	2001	No
223 CTSW-RT-01-005-B	Basis of Design Report- Litter Solids Removal Device Pilot Study		Jan	2001	No
224 CTSW-RT-01-003	BMP Retrofit Pilot Program: Construction Cost Data Summary District 7 & 11 This report included in CTSW-RT-01-050 Appendix C.	Presents a summary of all construction costs incurred for the Best Management Practice (BMP) Retrofit Pilot Program.	Jan/	2001	Yes
225 CTSW-RT-01-002	Storm Water Monitoring Program: Annual Summary Report FY 1999-2000	Presents a summary of all research and monitoring activities during 1999/00, including project description, findings and conclusions, and available reports. This report was submitted to the State Board as part of the Caltrans Storm Water Monitoring Plan (	Mar	2001	No
226 CTSW-RT-01-001	Sampling & Analysis Plan: Caltrans Temporary/Permanent Soil Stabilization Evaluation Study - See CTSW-RT-01-066	Work transferred to 43A0035-12. See CTSW-RT-01-066.	Mar	2001	No
227 CTSW-RT-00-055	Deicer Report for FY 1999-2000 Caltrans District 3	De-icer report prepared by District 3 for fiscal year 1999-2000.	Oct	2000	No
228 CTSW-RT-00-054	Regional Work Plans for Fiscal Year 2000/2001; Regions 1-9		Apr 1	2000	No

<i>Document #</i>	<i>Document Title</i>	<i>Synopsis</i>	<i>Date</i>	<i>On Website?</i>
229 CTSW-RT-00-051	San Francisco-Oakland Bay Bridge Treatment BMP Feasibility Study	Examines the technical and fiscal feasibility of treating storm water runoff from the San Francisco-Oakland Bay Bridge (SFOBB) East Span Seismic Safety Project.	Dec 2000	No
230 CTSW-RT-00-050	BMP Retrofit Program Quarterly Status Report No. 11--Dist. 7 and 11. This report included in CTSW-RT-01-050 Appendix H.	Presents quarterly update of activities relating to design, construction, operation, maintenance, monitoring of the Best Management Practice (BMP) Retrofit Pilot Program.	Nov20 2000	Yes
231 CTSW-RT-00-048	BMP Retrofit Program Quarterly Status Report No. 9--Dist. 7 and 11. This report included in CTSW-RT-01-050 Appendix F and H.	Presents the quarterly update of activities relating to design, construction, operation, maintenance, monitoring of the Best Management Practice (BMP) Retrofit Pilot Program.	May18 2000	Yes
232 CTSW-RT-00-047	BMP Retrofit Program Quarterly Status Report No. 8--Dist. 7 and 11. This report included in CTSW-RT-01-050 Appendix H.	Presents the quarterly update of activities relating to design, construction, operation, maintenance, and monitoring of the Best Management Practice (BMP) Retrofit Pilot Program.	Mar 1 2000	Yes
233 CTSW-RT-00-046	Second Year 1999-2000 Monitoring Report, Caltrans BMP Retrofit Pilot Program--Dist 11 This report included in CTSW-RT-01-050 Appendix F.	Presents the monitoring data from the second year of the Best Management Practice (BMP) Retrofit Pilot Program.	Aug 2000	Yes
234 CTSW-RT-00-045-3	Caltrans Storm Water Quality Handbooks: Project Planning and Design Guide		May 2000	No
235 CTSW-RT-00-045-2	Caltrans Storm Water Quality Handbooks: Construction Site, Best Management Practices (BMPs) Manual		Nov 2000	No
236 CTSW-RT-00-045-1	Caltrans Storm Water Quality Handbooks: Storm Water Pollution Prevention Plan (SWPPP) and Water Pollution Control Program (WPCP) Preparation Manual		Nov 2000	No
237 CTSW-RT-00-044-U	Sampling & Analysis Plan, Caltrans 2000-2001, First Flush Characterization Study	Presents updated standard procedures specified by Caltrans guidance manual and other specifications to conduct first flush storm water runoff monitoring and characterization for six highway sites in District 7 during 2001-02 monitoring season.	Nov 2001	No
238 CTSW-RT-00-044	Sampling & Analysis Plan, Caltrans 2000-2001, First Flush Characterization Study	Presents standard procedures used to conduct first flush storm water runoff monitoring and characterization for six highway sites in District 7 during 2000/01 monitoring season.	Dec 2000	No
239 CTSW-RT-00-042	Caltrans 2000-2001 Construction Site Storm Water Runoff Characterization Study, Standard Operating Procedures (SOP)	Describes standard operation procedures, similar to the health and safety plan, to conduct construction site runoff characterization during the period specified.	Nov 2000	No
240 CTSW-RT-00-041	Sampling & Analysis Plan, Construction Site Storm Water Runoff Characterization Study 2000-2001	Presents standard procedures specified by Caltrans guidance manual and other specifications to conduct storm water runoff monitoring and characterization for up to seven construction sites in Districts 4, 6, 8, 11 and 12.	Dec 2000	No
241 CTSW-RT-00-039	Caltrans Tahoe Basin Storm Water Monitoring Program, Sampling & Analysis Plan	Presents standard procedures specified by Caltrans guidance manual and other specifications to conduct storm water runoff, snow melt runoff, summer storms, and precipitation monitoring and characterization from three highway sites in District 3, Tahoe Bas	Dec 2000	Yes

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242 CTSW-RT-00-038	Caltrans Public Education Litter Monitoring Study Sampling and Analysis Plan	Presents all necessary sample collection, sample analysis, reporting for Caltrans 2000/01 Public Education Litter Monitoring Study in Fresno, California.	Dec 15 2000	No
243 CTSW-RT-00-037	Caltrans Exceleration/Deceleration Study, Sampling & Analysis Plan	Presents standard procedures specified by Caltrans guidance manual for conducting storm water runoff monitoring and characterization from three paired acceleration and deceleration highway sites in District 11.	Dec 2000	No
244 CTSW-RT-00-034	Evaluation of Compost Storm Water Filters (CSFs) Installed Along the San Joaquin Hills Transportation Corridor	Presents the results of an evaluation of the compost storm filters (CSFs) installed along the State Route-73. It discusses project background, describes CSF design, and summarizes system performance and maintenance requirements.	Jan 2001	No
245 CTSW-RT-00-033	Caltrans Statewide Stormwater Runoff Characterization Study, Sampling & Analysis Plan	Presents standard procedures specified by Caltrans guidance manual for conducting storm water runoff monitoring and characterization from facilities throughout the state.	Oct 2000	No
246 CTSW-RT-00-031	1999/2000 Storm Water Monitoring & Research Program Annual Data Summary Report	Presents data summary and raw data from all Caltrans monitoring and characterization efforts during 1999/00. This report was submitted to the State Board as part of the Caltrans Storm Water Monitoring Plan (SWMP) and National Pollutant Discharge Eliminati	Jan 2001	No
247 CTSW-RT-00-030	Caltrans Drain Inlet Cleaning Efficacy & Litter Study, 2000-2001 Water Quality Monitoring Program, Health & Safety Plan	Presents the health and safety plan for the 2000/01 Drain Inlet Cleaning Efficacy (DICE) monitoring season.	Oct 2000	No
248 CTSW-RT-00-021	Annual Construction Compliance Review Plan, Fiscal Year 2000-2001		Dec 2000	No
249 CTSW-RT-00-018	Laboratory Manual, Soil Erosion Laboratory & Outdoor Test Plots, San Diego State University, District 7, Erosion Control Pilot Stud	Discusses indoor and outdoor erosion lab testing facility at the San Diego State University (SDSU) Soil Erosion Laboratory. Test plots are located on Caltrans District 7 slopes that are also being utilized for the field testing component of the pilot stud	Jun 2000	No
250 CTSW-RT-00-017	Statewide Storm Water Quality Practice Guidelines Appendix D to Statements SWMP		Aug 2000	No
251 CTSW-RT-00-016-a	Statewide Storm Water Management Plan		Aug 2000	No
252 CTSW-RT-00-016	Caltrans 1999/2000 First Flush Study Report	Presents the results of the first flush characterization study conducted at three highway sites in District 7.	Jun 2000	Yes
253 CTSW-RT-00-014	Storm Water Monitoring Program: 3-Year Action Plan, FY 00/01-02/03	Describes all projected Caltrans characterization monitoring activities during the specified period. This report was submitted to the State Board as part of the Caltrans Storm Water Monitoring Plan (SWMP) and National Pollutant Discharge Elimination System	Jan 2001	No
254 CTSW-RT-00-013	Final Report Caltrans Litter Management Pilot Study-District 7	Summarizes the findings of the Litter Management Pilot Study (LMPS). The LMPS study investigated the effectiveness of structural and non-structural litter Best Management Practices (BMPs).	Jun 26 2000	No

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255 CTSW-RT-00-012	District 7 Erosion Control Pilot Study	Discusses laboratory evaluation of five soil roughness techniques on erosion rate and runoff on bare soil using simulated rainfall; lab evaluation of erosion rate and water quality for 15 soil stabilization techniques plus bare soil using simul	Jun 2000	Yes
256 CTSW-RT-00-011	Caltrans Maintenance Yard Storm Water Runoff Characterization Study, 1998/2000 Summary Report-Final Report, Vol. 1-5	Summarizes results of storm water runoff characterization for eight maintenance stations in Districts 3, 4, 7 and 11.	Jun 2000	No
257 CTSW-RT-00-005	Guidance Manual: Stormwater Monitoring Protocols	Presents comprehensive guidance for collecting representative storm water runoff samples, including standard sample analysis, field and laboratory data quality assurance/quality control (QA/QC), and consistent data reporting.	Jul 2000	Yes
258 CTSW-RT-00-004	Storm Water Monitoring & Reasearch Program: Monitoring and Research Strategy Update Report, FY 00/01 through FY 02/03	Describes all projected Caltrans characterization monitoring activities during the specified period. This report was submitted to the State Board as part of the Caltrans Storm Water Monitoring Plan (SWMP) and National Pollutant Discharge Elimination System	Apr 2000	No
259 CTSW-RT-00-003	Storm Water Monitoring & Reasearch Program: Annual Monitoring & Reporting Program	Describes Caltrans' general monitoring procedures for the statewide monitoring effort. This report was submitted to the State Board on an annual basis as part of the Storm Water Monitoring Plan (SWMP) and National Pollutant Discharge Elimination System (N	Apr 2000	No
260 CTSW-RT-00-002	Year-End Performance Report, April 2000, A Summary of Storm Water Task Force Construction Compliance Inspections		Apr 2000	No
261 CTSW-RT-00-001	Basis of Design Report Drainage Design, District 7 PS&E This report included in CTSW-RT-01-050 Appendix B.	Presents design methods and assumptions for infiltration basin designed by Montgomery Watson for the Best Management Practice (BMP) Retrofit Pilot Program.	Feb 17 2000	Yes