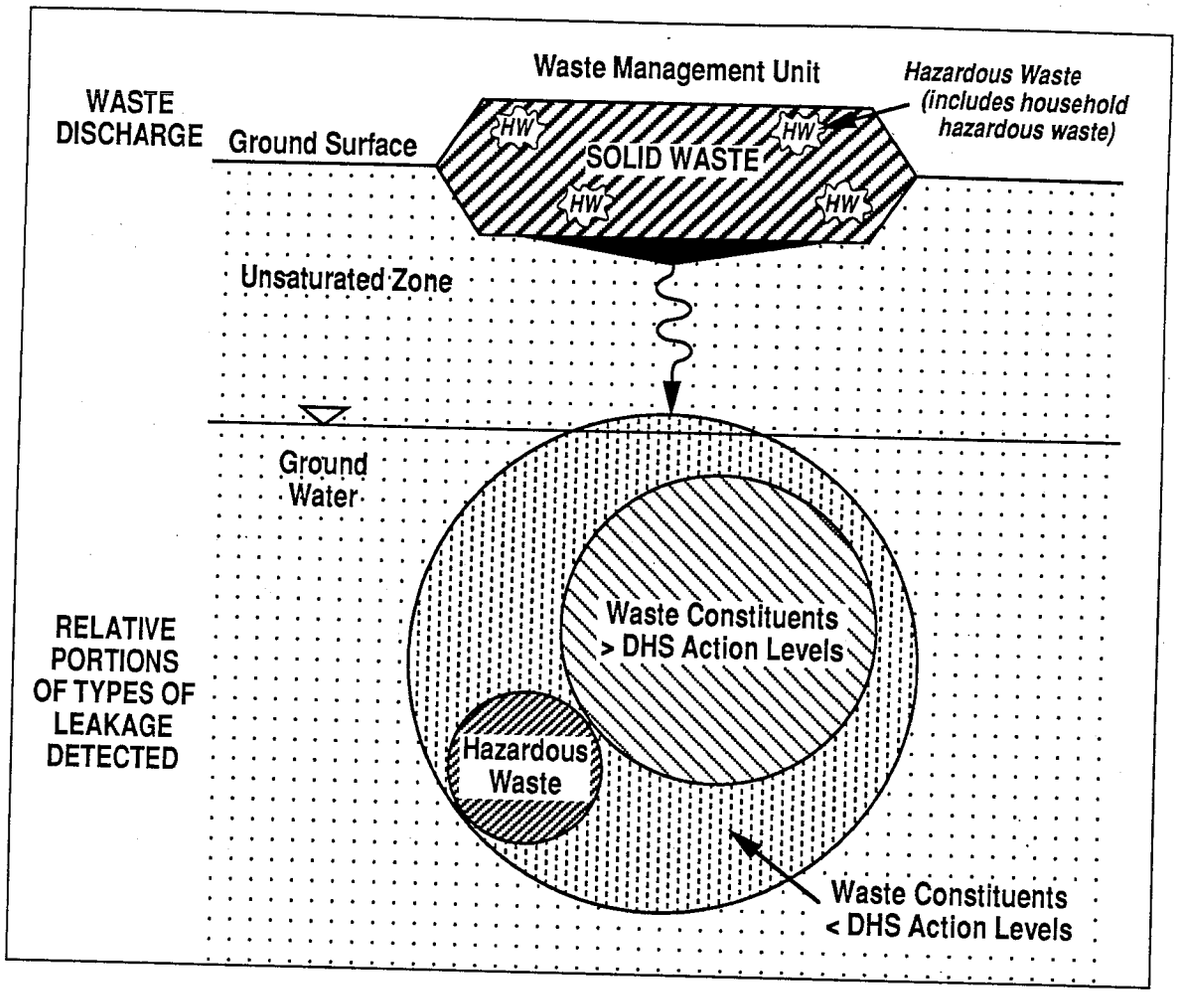

SOLID WASTE ASSESSMENT TEST (SWAT) PROGRAM

Report to the Legislature 1989-90

90-20CWP
JANUARY 1991

WATER RESOURCES CONTROL BOARD
STATE OF CALIFORNIA

STATE OF CALIFORNIA
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OFFICE OF ENVIRONMENTAL PROTECTION
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COVER:
Schematic diagram showing type of waste discharged and relative proportion of types of leakage detected. Additional information may be found on page 12.

SOURCE:
Water Resources Control Board

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SOLID WASTE ASSESSMENT TEST (SWAT) PROGRAM

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JANUARY 1991

Prepared by:

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WATER RESOURCES CONTROL BOARD
STATE OF CALIFORNIA

Solid Waste Assessment Test (SWAT) Program
Report To The Legislature
1989-90

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ACKNOWLEDGEMENTS

This report was prepared with the support of the Regional Water Quality Control Board SWAT Program staff who supplied the information and the reviews essential for this report. Particular gratitude is extended to John J. Adams, Jr., former SWAT Program Manager, who managed the program during the prior year.

I. EXECUTIVE SUMMARY

This is the State Water Resources Control Board's (State Board) third Report to the Legislature on the Solid Waste Assessment Test (SWAT) Program. The SWAT Program implements 1984 legislation which requires the State and Regional Water Quality Control Boards[1] (Regional Boards) to oversee solid waste disposal site investigations to determine whether there is leakage of hazardous waste to the waters of the State.

A summary of the findings is presented regarding the leakage detected from solid waste disposal sites, the existing and potential effects on water quality, and further actions which will be taken to protect the waters of the State. Findings include the results for Rank 1, 2 and 3 sites on the State Board ranked list for which SWAT Reports have been approved or waived on or before September 30, 1990. Specific findings for individual sites are in the SWAT Report Summaries located in Appendix III.[2] Current status of Rank 1, 2, and 3 sites, and a summary of SWAT Report data are discussed in the text of this report. General aspects of the SWAT Program implementation are briefly discussed in this report.

Conclusions concerning the appropriate corrective actions for a leaking site can not always be made solely on the information presented here. Often, such determinations must also consider not only the results contained in the SWAT Report, but other factors such as verification monitoring and corrective action studies that are carried out after a leak is detected. These other factors are outside the scope of the SWAT program.This third report to the Legislature summarizes the implementation of the SWAT Program to date. It specifically presents the status of the 450 Ranks 1, 2, and 3 solid waste disposal sites on the State Board's ranked list.

The State Water Resources Control Board ranked 2,242 sites into fifteen ranks in accordance with the direction contained in the Water Code. Ranks 1, 2, and 3 represent the highest priority sites for the initial assessment. Last year's Report to the Legislature reported on 61 approved Rank 1 and 26 approved Rank 2 SWAT Reports. This report includes the approved SWAT Report results from an additional 25 Rank 1 sites, 16 additional Rank 2 sites, and 20 Rank 3 sites.

---

1 Regional Board boundaries are delineated on the inside back cover of this report.

2 See the Previous Reports to the Legislature for SWAT Report Summaries for those sites for which a SWAT Report has been approved or waived on or before September 30, 1989.

The California Regional Water Quality Control Boards approve a SWAT Report only after they determine whether an investigation has been completed that was capable of identifying any hazardous waste leakage from the solid waste disposal site. Each SWAT investigation included sampling, as appropriate, of surface and ground waters and the waters in the unsaturated zone to detect any leachate buildup and leachate or waste migration away from the site. Sampling results were classified into four categories:

1. Hazardous waste (per criteria in the Department of Health Services (DHS) Regulations),

2. Waste constituents in concentrations above DHS Action Levels,

3. Waste constituents in concentrations above background but below DHS Action Levels, and

4. Waste Constituents in concentrations at or below background levels.

Following is a summary of the SWAT Program work thus far:

- Of the 150 Rank 1 sites, 86 SWAT Reports have been approved, 16 are under review or review pending, 21 have been returned to the site operator for corrections, 12 were found to be not subject to the SWAT law, 8 are late, and 7 were waived because there was prior evidence of hazardous waste leakage.

- Of the 150 Rank 2 sites, 42 SWAT Reports have been approved, 67 are under review or review pending, 20 have been returned to the site operator for corrections, 6 were found to be not subject to the SWAT law, 11 are late, and 4 were waived because there was prior evidence of hazardous waste leakage.

- Of the 150 Rank 3 sites, 20 SWAT Reports have been approved, 74 are under review or review pending, 6 have been returned to the site operator for corrections, 4 were found to be not subject to the SWAT law, 39 are late, 4 were waived because there was prior evidence of hazardous waste leakage, and 3 were exempted.

- Of the 450 sites in Rank 1 through 3, 163 SWAT Reports have been approved or waived.

- Of the above 163 sites, the leakage detected was:

  (1) Hazardous Waste (per DHS regulations) at 18 sites (15 of these high-priority sites were known to have leaked from previously available information),

  (2) Above DHS Action Levels at 68 sites,

(3) Above background, but below DHS Action Levels at 40 sites,

(4) Undetermined at 13 sites, and

(5) No leakage at 24 sites.

- Of the 163 Rank 1, 2, or 3 sites with approved or waived SWAT Reports, 126 (77 percent) are known to have leaked.

- Of the 126 sites at which leakage was detected:

  (1) Hazardous waste (including "household" hazardous wastes) was disposed at 85 sites, there is no evidence of hazardous waste disposal at 32 sites, and the extent of hazardous waste disposal was undetermined at 9 sites.

  (2) Waste leakage affects potential beneficial uses of water at 77 sites, waste leakage may adversely affect beneficial uses at 44 sites, and adverse effects on beneficial uses were not identified at 5 sites.

  (3) Domestic or municipal water supply wells have been impacted by waste migration at 14 sites.

  (4) Verification monitoring (to determine the character and extent of leakage) is being required at 85 sites and corrective actions are being taken at 41 sites.

- The resources allotted to the SWAT Program are inadequate to accomplish all the required work. A significant backlog of Ranks 1 through 3 SWAT work exists and a backlog is developing for Ranks 4 and 5.

II. PROGRAM IMPLEMENTATION

Overview

This report to the Legislature was prepared pursuant to Public Resources Code Section 45700 and describes the current status of the State Board's SWAT Program. The State Board is specifically required to summarize: (1) the extent of hazardous waste in solid waste disposal sites, (2) the potential effects these hazardous wastes may have upon the quality of the waters of the State, and (3) recommended actions needed to protect water quality.

The State Board is required to rank all solid waste disposal sites in groups of 150 sites based upon the potential threat they may pose to water quality. Operators of these sites are required to submit a SWAT Report to the appropriate Regional Board. SWAT Reports are due on the first day of July of each year, depending on their ranking. The Rank 1 sites were due July 1, 1987, Rank 2 sites were due July 1, 1988, and Rank 3 sites were due July 1, 1989.

The water quality SWAT requirements are contained in the Water Code starting with Section 13273 (see Appendix I for the complete SWAT legislation). Subsection 13273(b) requires that the SWAT Report contain:

> "(1) An analysis of the surface and ground water on, under, and within one mile of a solid waste disposal site to provide a reliable indication of whether there is any leakage of hazardous waste; and
>
> "(2) A chemical characterization of the soil-pore liquid in those areas which are likely to be affected if the solid waste disposal site is leaking, as compared to geologically similar areas near the solid waste disposal site which have not been affected by leakage or waste discharge."

Water Code Subsection 13273(b) further requires that a qualified professional certify that the report contains all the information required above. This certification must be made by a Registered Geologist, Certified Engineering Geologist, or Registered Civil Engineer who has had at least five years ground water hydrology experience.

This report addresses only Rank 1, 2, and 3 sites. Discussion of SWAT Report findings is limited only to those Rank 1, 2, and 3 sites whose reports were approved or waived before October 1, 1990.

Inter-agency Coordination

Two Memoranda of Understanding have been signed by the Executive Directors from the three Environmental Affairs Agency regulatory boards (Air Resources Board, State Water Resources Control Board, and Integrated Waste Management Board). One deals mainly with conflict resolution. The other addresses several points specific to the SWAT Program:

1. Coordinated response to assessment reports.

2. Coordinated approach to remedial actions.

3. Anticipating and managing the results of the program.

4. Implementation of notice requirements.

5. Sharing of data.

In addition to the above, Water Code Subsection 13273(e) requires a Regional Board to notify the DHS and the Integrated Waste Management Board whenever the Regional Board determines from a SWAT Report that hazardous waste has migrated into the waters of the State. Both agencies have been notified regarding the status of all waived sites and those found to be leaking hazardous wastes. Usually, Regional Boards will also notify the other agencies any time leakage is discovered.

SWAT Program Tasks

The SWAT Program work can be divided into several distinct tasks, ranging from the ranking of the solid waste disposal sites through the follow-up to the approved SWAT Report. Following are discussions of these tasks:

1. Revised Ranked List

   The State Board adopted a revised Solid Waste Disposal Site Ranked List on June 22, 1989. Currently, there are 2,242 sites on the SWAT list. Ranks 1 through 14 contain 150 sites each, and Rank 15 contains 142 sites. Revisions of the Ranked List may occur in future years as other potential SWAT sites are discovered or the perceived threat to water quality from presently ranked sites changes.

2. Initial Notifications to Site Operators

   At least three years prior to a site's SWAT Report due date, the site operator is notified of the SWAT law's requirements. This notification not only describes the several required submittals and options available to the site operator, but also the penalties for non-compliance.

3. Consideration of a SWAT Report Waiver

The SWAT law (Water Code Subsection 13273(c)) provides that a Regional Board may waive the submittal of a SWAT Report should they determine from other information that hazardous wastes are already migrating into the waters of the State.

4. Exemption Questionnaire Review

Water Code Section 13273.1 provides for site operators in Rank 3 and beyond to submit a Solid Waste Assessment Questionnaire in lieu of a SWAT Report if the site is not larger than 50,000 cubic yards and is not known or suspected to contain hazardous wastes (other than "household hazardous wastes"). Based on the contents of the questionnaire, a Regional Board may:

A. Exempt the site from the SWAT Report requirement,

B. Require the submittal of an abbreviated or "focused" SWAT Report, or

C. Require the submittal of a complete SWAT Report.

Most Exemption Questionnaires have been submitted thus far by county and city operators in rural areas.

5. Review of SWAT Investigation Workplans

Based on experience with similar regulatory programs, the Regional Boards ask the site operator to submit a SWAT Investigation Workplan prior to the construction of monitoring systems and water quality sampling. Submittal of a workplan is generally requested at least 18 months prior to the SWAT Report due date to provide sufficient time for Regional Board review and operator implementation.

Regional Board review of the workplans focus on the following:

A. Goals of Investigation

The law requires each SWAT Report to include a determination whether there has been hazardous waste migration from the solid waste disposal site. The term hazardous waste is defined the same in both Health and Safety Code Section 25117 and Public Resources Code Section 40141. These sections define "hazardous waste" to mean:

> ". . . a waste, or combination of wastes, which because of its quantity, concentration, or physi-

cal, chemical, or infectious characteristics may either:

"a) Cause, or significantly contribute to an increase in mortality or an increase in serious irreversible, or incapacitating reversible, illness.

"b) Pose a substantial present or potential hazard to human health or environment when improperly treated, stored, transported, or disposed of, or otherwise managed."

B. Water Quality Monitoring Networks

For the purpose of SWAT Report reviews, the water quality sampling networks are subdivided into three categories: surface water monitoring, ground water monitoring, and vadose (unsaturated) zone monitoring.

Surface water monitoring generally consists of collecting grab samples from water bodies within a one-mile radius of the solid waste disposal site. In many cases, the only surface water within one mile of the site occurs during and immediately after major storm events. Sampling these waters would be meaningless for the purposes of the SWAT Program; thus, surface water monitoring is not performed.

Ground water monitoring consists of periodic sampling of ground water from specially designed monitoring wells adjacent to the site or leachate wells in a landfill. Existing, nearby water extraction wells may also be included in the monitoring network. However, data from these wells is of questionable value due to uncertainties as to the drilling practices or construction standards.

Vadose zone monitoring generally consists of sampling from devices capable of extracting soil moisture from specific points in the vadose zone (i.e., the soil zone between the ground surface and the water table). The most commonly accepted monitoring device is a lysimeter. However, in the case of some desert sites with a vadose zone hundreds of feet thick, samples of the underlying soil were taken and analyzed to determine whether chemicals indicative of a leaking landfill were present.

Any time a solid waste disposal site leaks, the preferred location to detect the leakage is as close to the waste as possible. A leak detected in the vadose zone can sometimes be mitigated before the contaminants

reach the water table. Thus, vadose zone monitoring should be considered the "front line of defense" in leak detection.

Some sites (particularly those around the San Francisco Bay) have little to no vadose zone because the water table is very near the ground surface. In these cases, Regional Boards have waived the requirement for vadose zone monitoring.

C. Sampling and Analyses

Waste migration rates have been observed to be highly variable with the slowest rates occurring in the late summer. Thus, it is important that each sampling point be sampled several times. Most solid waste disposal site owners were asked to include data from each sampling point at least four samples taken quarterly.

Required chemical analyses of the water samples have included both the common inorganic constituents of landfill leachates and a screening test for volatile organic chemicals.

6. Review of SWAT Reports

SWAT Report reviews can be divided into two steps as detailed in Water Code Subsections 13273(d) and (e):

"(d) The regional board shall examine the report submitted pursuant to subdivision (b) and determine whether the number, location, and design of the wells and the soiling (sic) testing could detect any leachate buildup, leachate migration, or hazardous waste migration. If the regional board determines that the monitoring program could detect the leachate and hazardous waste, the regional board shall take the action specified in subdivision (e). If the regional board determines that the monitoring program was inadequate, the regional board shall require the solid waste disposal site to correct the monitoring program and resubmit the solid waste assessment test based upon the results from the corrected monitoring program.

"(e) The regional board shall examine the approved solid waste assessment test report and determine whether any hazardous waste migrated into the water. If the regional board determines that hazardous waste has migrated into the water, it shall notify the State Department of Health Services and the California Waste Management Board and shall take appropriate action

pursuant to Chapter 5 (commencing with Section 13300)."

In determining whether leakage detected is hazardous, the Regional Boards must use the definition quoted on pages 7 and 8 and the criteria contained in the Department of Health Services' (DHS) regulations[3]. These criteria define whether a substance is hazardous by virtue of its toxicity, ignitability, reactivity, or corrosivity. In addition, these regulations contain lists of persistent and bioaccumulative toxicity concentration limits for 20 inorganic and 18 organic chemicals. Any substance that exceeds any of the stated criteria must be considered hazardous. If analyses of SWAT investigation samples indicate any chemical concentrations above the established concentration levels, the leakage detected is classified as hazardous waste.

Many SWAT sites are leaking waste constituents[4] which have or may result in adverse water quality effects, but are detected at concentrations which do not exceed hazardous waste criteria discussed above. A constituent's concentration tends to decrease with the distance that they are detected from the waste management unit. Thus, a waste management unit may leak hazardous waste (e.g. heavy metals), however, the leakage as detected may be classified as non-hazardous waste. Therefore, the SWAT Program uses two additional leakage categories to address adverse water quality effects from waste constituents not classified as hazardous waste. These are:

A. <u>Waste Constituents Above DHS Action Levels</u>.

This category is used for those reported analyses that have no chemical concentrations above hazardous levels as discussed above, but one or more above one of the following:

(1) Department of Health Services Drinking Water Action Levels,

(2) DHS Maximum Contaminant Levels (DHS Regulations, Section 64435), or

(3) U.S. Environmental Protection Agency Primary Drinking Water Standards - Maximum Contaminant Levels.

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3 Article 11, California Code of Regulations, Title 22, beginning at Section 66693.

4 Section 2601, Chapter 15 of California Code of Regulations, Title 23, defines a constituent as, "...a component of waste which is detectable."

B. Waste Constituents Below DHS Action Levels

This category is used for those reported analyses that have no chemical concentrations above DHS Action Levels, but one or more above background[5] levels. Detected waste constituents included in this category are many of the same minerals which occur in the natural environment (background), e.g., sodium and bicarbonate. This category also includes some waste constituents for which there are no established action levels. Again, waste constituents in this category may adversely affect water quality and the existing or potential beneficial uses of the State's waters.

Figure 1 (Page 12) illustrates the relationship between the types of waste (i.e., solid waste and hazardous waste, including household hazardous waste) discharged at solid waste disposal sites and the categories of leakage detected.

Level of Effort

The largest portion of the SWAT Program resources is currently devoted to the review of SWAT Reports. This job is particularly intensive when an initial SWAT Report is found to be inadequate and has to be returned to the operator for additional work. We anticipate this will change during the next several years. Thus far, most of the SWAT Reports have been from currently active solid waste disposal sites. Such sites are generally currently regulated by a Regional Board, and had some hydrogeologic site characterization and water quality monitoring. Further, the Regional Board staff is already familiar with the facility and the site operator has some knowledge of the regulatory requirements. Most of the remaining sites on the Ranked Solid Waste Disposal Site List are inactive. These will generally lack Waste Discharge Requirements, and prior site characterization and water quality monitoring.

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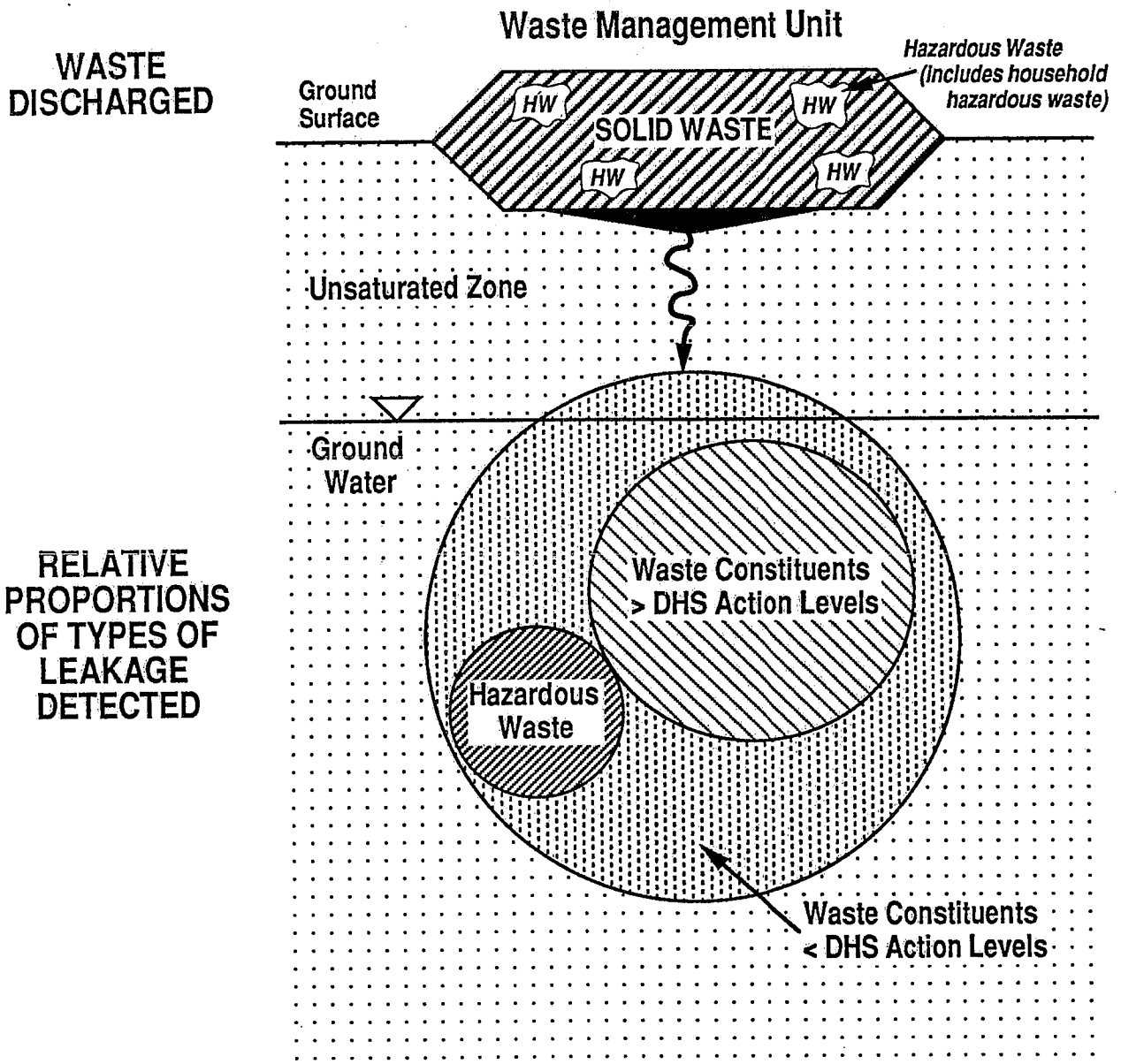
5 Defined in Section 2601, Chapter 15, California Code of Regulation, Title 23, as the concentration of selected parameters in water that have not been affected by leakage of waste constituents from a waste management unit.

FIGURE 1.

Waste Discharge and Leakage Detected at Solid Waste Disposal Sites



NOTE: Leakage detected is quantified in Section IV.

When Regional Boards are dealing with an inactive site, more staff time will be required for non-technical matters. First, they will have to locate a party[6] to be responsible for conducting the SWAT investigation and preparing the SWAT Report. Next, they must obtain compliance with the law. Our experience with similar programs indicates that past operators or the present owners of closed landfills are often uninformed of the regulatory requirements and lack the financial resources to comply with them. Considerable Regional Board staff time (including, if necessary, enforcement actions) may be required for many of these sites even before a SWAT Report is submitted for their review.

Budgetary Constraints

It has been apparent since the startup of the SWAT Program that the resources allotted to this program were inadequate to accomplish all the required work. There has been some Regional Board redirection of resources from lower priority programs to the SWAT Program to avoid the development of a serious backlog. In 1987, two budget change proposals were approved. One would have added 9.0 Personnel Years to provide a portion of the resources required to eliminate the funding shortfall identified earlier. The other would have added 0.8 personnel years for the review of Exemption Request Questionnaires. Both Budget Change Proposals were included in the approved Fiscal Year 1988-89 budget. However, a $2.6 million reduction in general funds was imposed on the State Board at the start of that fiscal year. Thus, it was necessary to defer filling any of these new positions. For Fiscal Year 1989-90, in response to a further need to reduce general fund expenditures, the SWAT Program resources were reduced 33 percent to 10.4 Personnel Years. They remained at that level in Fiscal Year 1990-91.

As had been anticipated, a significant backlog of Rank 1, 2, and 3 work now exists and a backlog is developing for Rank 4 and 5 sites.

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6 The person or firm that operates or did operate the solid waste disposal site. If, the site operator can not be located, the SWAT obligations revert to the site owner (per Water Code Section 13273.3).

III. CURRENT PROGRAM STATUS OF RANKS 1, 2, AND 3 SITES

Figures 2 through 6 (Pages 18-21) display the status of the SWAT Reports for sites in Ranks 1, 2, and 3; the first three figures on a statewide basis and the last two, by ranks. As of September 30, 1990, 163 Rank 1, 2, and 3 Reports have been approved or waived. Of these 163 reports, 98 Rank 1 and Rank 2 Reports were approved or waived prior to October 1, 1989 and were discussed in last year's Report to the Legislature. Following are discussions of each SWAT Report status category; listings of sites in each category can be found in Appendix IV. The number in parentheses next to each heading represents the total number of sites for that category.

Waived SWAT Reports (15 Sites)

The Regional Boards have waived the report requirements for seven Rank 1 sites, four Rank 2 sites, and four Rank 3 sites. The Regional Board may waive the requirement to submit a SWAT Report [Water Code Subsection 13273(c)] if the Regional Board determines that a SWAT Report is not necessary because other information demonstrates that hazardous wastes are migrating into the water. The operators or owners of sites for which SWAT Reports were waived are conducting corrective (remedial) actions, generally under the Department of Health Services' (DHS) State Superfund or the Environmental Protection Agency's (EPA) Federal Superfund. See Appendix IV, Table I for a listing of all waived SWAT sites.

Not Subject to Water Code Section 13273 (22 Sites)

After the 1985 ranked list was approved, the applicability of Water Code Section 13273 for twelve Rank 1 sites, six Rank 2 sites, and four Rank 3 sites was questioned. Actions necessary to protect water quality at these sites are being supervised by other programs such as the Chapter 15 Program, the Toxic Pits Cleanup Act Program, or the Spills, Leaks, Investigations and Cleanups Program. See Appendix IV, Table II for a listing of all ranked facilities found to be not subject to the SWAT law.

Late SWAT Reports (58 Sites)

Eight Rank 1, eleven Rank 2, and thirty-nine Rank 3 reports are past due. Many of the site operators have schedules for their report submittals and enforcement action is not contemplated at this time. Many of the sites are federal military facilities for which enforcement actions have generally been very difficult and time consuming. A recently signed cooperative agreement with the U. S. Department of Defence should resolve the late SWAT Report issue.

Administrative Civil Liabilities for inadequate reports or failure to submit a SWAT report were assessed against eight Rank 1 and three Rank 2 site operators prior to October 1, 1989 and

were discussed in the previous Report to the Legislature. During the current year, no Administrative Civil Liability actions have been taken against site operators because of inadequate resources in the SWAT program. Administrative Civil Liability actions are not contemplated until Regional Boards reduce their backlog of reports under review or pending review. Enough reports have been submitted to keep Regional Board staff busy for several years at the current funding and staffing levels.

See Appendix IV, Table III for a listing of all SWAT Reports that are still late.

Exemption Questionnaires Approved (3 Sites)

A total of ten Rank 3 sites submitted Exemption Questionnaires. Five exemptions were denied, two are still under review, and three were approved. The sites with approved questionnaires have been exempted from all SWAT Report requirements. (See Appendix IV, Table IV for a listing of all Rank 3 sites that submitted an Exemption Questionnaire.)

SWAT Reports Approved (148 Sites)

Eighty-six Rank 1, forty-two Rank 2, and twenty Rank 3 reports have been reviewed and accepted as meeting program requirements. The review process consists of determining whether the number, location, and design of the wells and the soil testing could detect any leachate buildup, leachate migration, or hazardous waste migration. The review process also includes determining whether the sampling and chemical analyses are sufficient to reliably indicate hazardous waste or waste constituent migration. See Appendix IV, Table V for a listing of all approved SWAT Reports.

SWAT Reports Returned (47 Sites)

The operators of twenty-one Rank 1, twenty Rank 2 and six Rank 3 sites are currently gathering additional information as requested by the Regional Boards. In the majority of these cases, additional sampling data are required to verify the results of the initial sampling. In addition, some reports do not meet the minimum requirements of a SWAT Report as set forth in Water Code Subsection 13273(b). All but two reports are expected to be resubmitted by the end of 1991. See Appendix IV, Table VI for a listing of all SWAT Reports currently returned.

SWAT Reports In Review or With Review Pending (157 Sites)

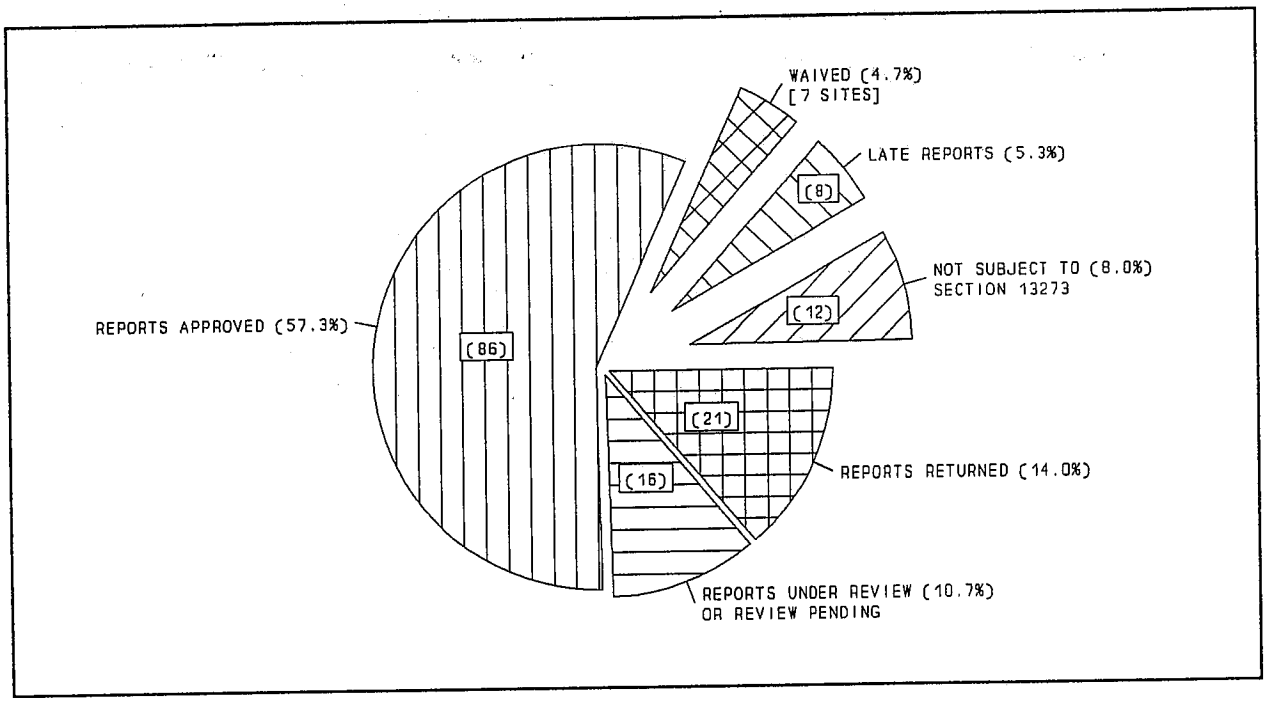
Sixteen Rank 1, sixty-seven Rank 2, and seventy-four Rank 3 reports are either under review or pending review by Regional Board staff. Ideally, all 150 Rank 1 reports should have been submitted by July 1, 1987 and reviewed by July 1, 1988 at which time Rank 2 report reviews would begin and continue for one year.

Under the "ideal situation" ,all Rank 1 through Rank 3 reports would have been reviewed by now and Regional Board staff would be currently reviewing Rank 4 reports. However, many reports were submitted late and many reports were returned to the operator for additional information, thus prolonging the Regional Board review process. See Appendix IV, Table VII for a listing of all SWAT Reports currently under review or pending review.

The review of seven Rank 1, twenty-six Rank 2, and fifty-one Rank 3 reports is currently pending due to reduced SWAT Program resources. This backlog of submitted reports constitutes a significant increase over last year's backlog of two Rank 1 and seventeen Rank 2 SWAT Reports. The backlog is expected to increase in subsequent years if program resources remain at the same level.

FIGURE 2

RANK 1 REPORT STATUS AS OF SEPTEMBER 30, 1990

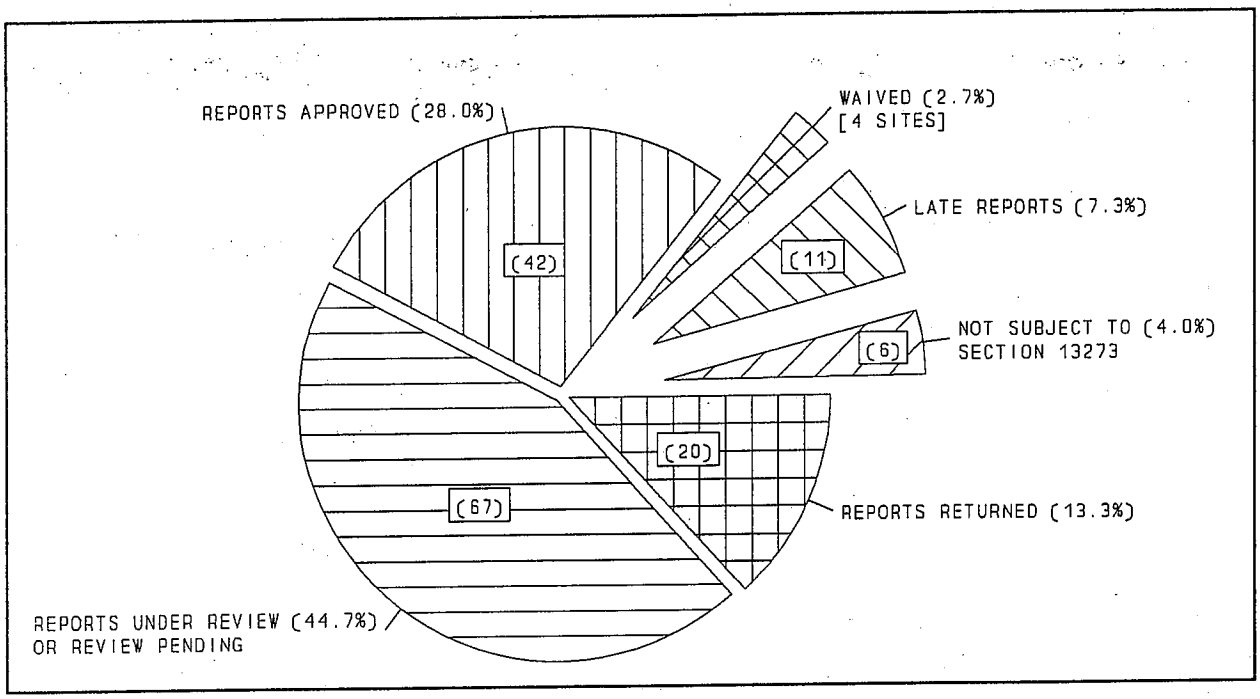


REGION[7]	TOTAL SITES	WAIVED	NOT SUBJECT TO WC 13273	REPORTS LATE	REPORTS RECEIVED	REPORTS APPROVED	REPORTS RETURNED FOR CORRECTION	REPORTS IN REVIEW	REPORTS IN WITH REVIEW PENDING
1	12	0	0	0	12	10	2	0	0
2	16	0	0	1	15	10	2	1	2
3	6	1	1	0	4	4	0	0	0
4	21	1	0	2	18	11	1	3	3
5F	18	0	1	2	15	11	2	0	2
5R	4	0	0	0	4	3	0	1	0
5S	16	1	0	2	13	12	1	0	0
6T	5	0	0	0	5	3	2	0	0
6V	9	1	0	0	8	5	1	2	0
7	4	0	0	0	4	4	0	0	0
8	18	3	1	0	14	7	5	2	0
9	21	0	9	1	11	6	5	0	0
TOTALS	150	7	12	8	123	86	21	9	7

7 For regional board numerical designations, see map on inside of the back cover.

FIGURE 3

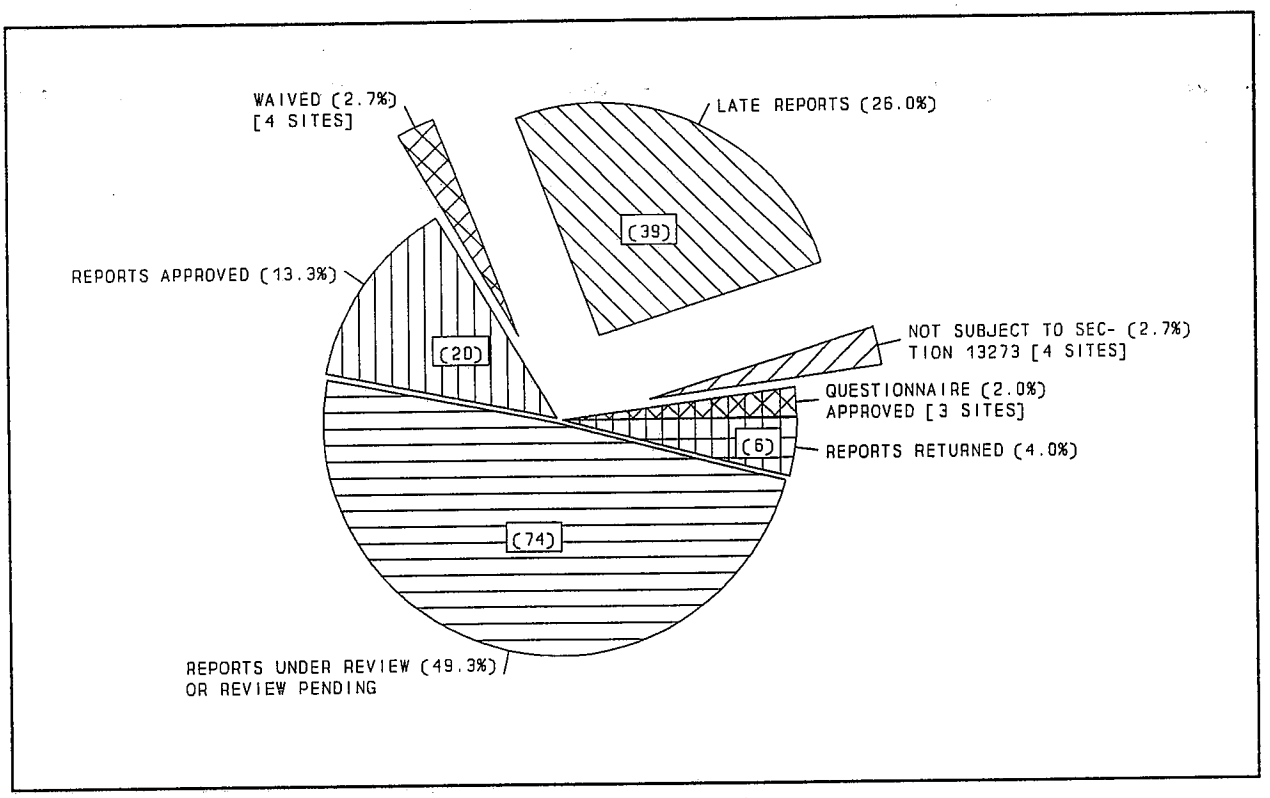
RANK 2 REPORT STATUS AS OF SEPTEMBER 30, 1990



REGION	TOTAL SITES	WAIVED	NOT SUBJECT TO WC 13273	REPORTS LATE	REPORTS RECEIVED	REPORTS APPROVED	REPORTS RETURNED FOR CORRECTION	REPORTS IN REVIEW	REPORTS IN WITH REVIEW PENDING
1	11	1	0	0	10	4	4	2	0
2	13	0	0	3	10	3	2	2	3
3	10	0	0	0	10	4	1	2	3
4	41	0	0	4	37	7	4	19	7
5F	16	1	6	0	9	5	0	0	4
5R	5	1	0	0	4	2	0	2	0
5S	19	0	0	3	16	12	3	1	0
6T	1	0	0	0	1	0	1	0	0
6V	11	0	0	0	11	1	0	10	0
7	4	0	0	0	4	2	2	0	0
8	12	1	0	0	11	1	0	1	9
9	7	0	0	1	6	1	3	2	0
TOTALS	150	4	6	11	129	42	20	41	26

FIGURE 4

RANK 3 REPORT STATUS AS OF SEPTEMBER 30, 1990



REGION	TOTAL SITES	WAIVED	NOT SUBJECT TO WC 13273	REPORTS LATE	QUESTIONNAIRE APPROVED	REPORTS RECEIVED	REPORTS APPROVED	REPORTS RETURNED FOR CORRECTION	REPORTS IN REVIEW	REPORTS IN WITH REVIEW PENDING
1	11	0	0	4	2	5	1	1	0	3
2	12	1	0	2	0	9	1	0	0	8
3	9	1	0	0	1	7	4	0	2	1
4	41	0	1	9	0	31	1	0	6	24
5F	10	0	0	3	0	7	2	0	3	2
5R	5	0	0	0	0	5	1	0	4	0
5S	23	2	2	6	0	13	8	2	2	1
6T	3	0	0	0	0	3	0	0	0	3
6V	8	0	0	1	0	7	1	0	6	0
7	6	0	0	1	0	5	1	3	0	1
8	10	0	1	1	0	8	0	0	0	8
9	12	0	0	12	0	0	0	0	0	0
TOTALS	150	4	4	39	3	100	20	6	23	51

FIGURE 5: SWAT REPORT STATUS BY RANKS

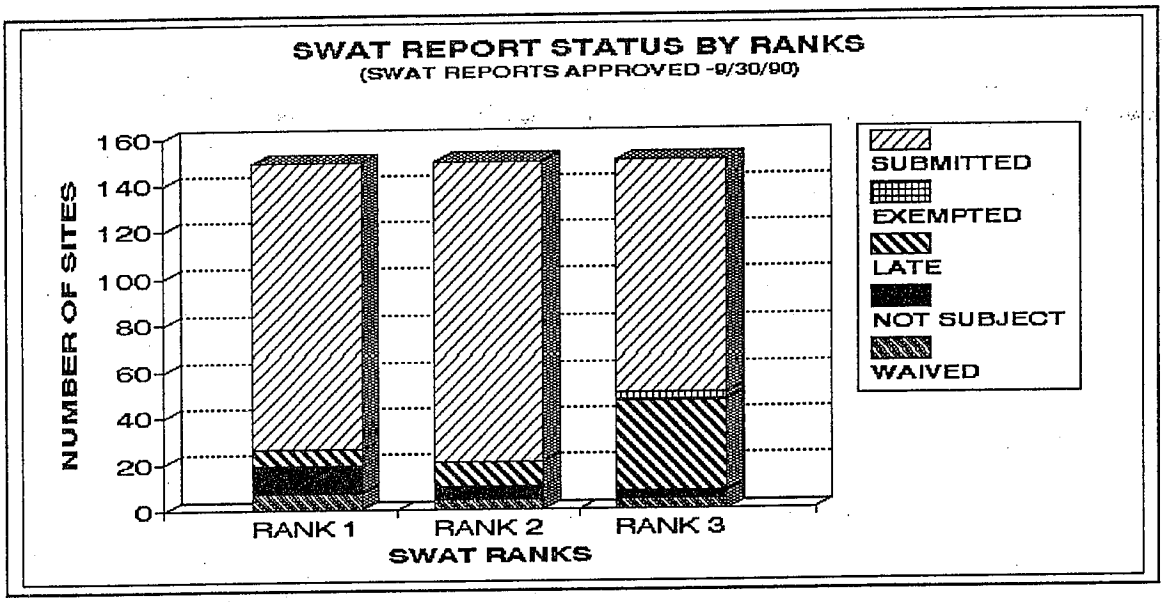
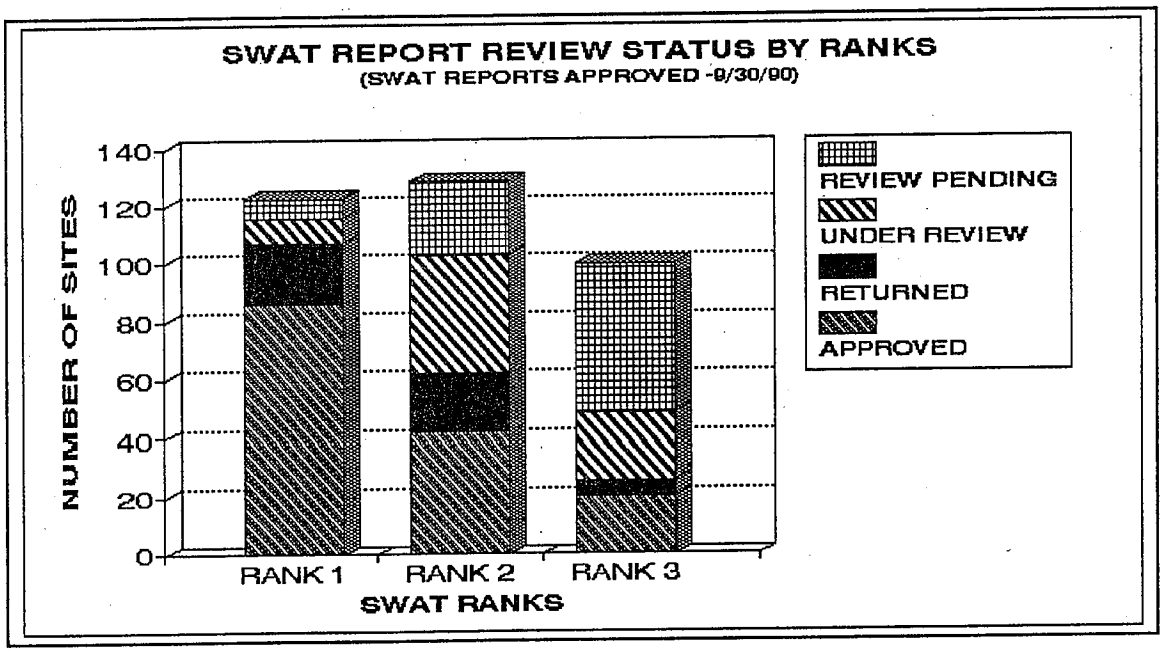


FIGURE 6: SWAT REPORT REVIEW STATUS



IV. SUMMARY OF SWAT REPORT DATA

This Chapter contains a summary of data from all 163 Ranks 1, 2, and 3 SWAT Reports approved or waived on or before September 30, 1990. This summary is provided in terms of findings relative to:

(1) Waste leakage detected and

(2) Specific requirements found in the SWAT legislation.

Summaries of each individual SWAT Report approved between October 1, 1989 and September 30 1990 are included in Appendix III. Summaries of SWAT Reports approved earlier may be found in the 1988-89 Report to the Legislature.

Waste Leakage

The 163 approved (or waived) SWAT Reports indicate the following solid waste disposal site leakage has occurred (See Figure 7, Page 24):

18 sites were leaking hazardous waste,
68 waste constituents above Department of Health Services' action levels,
40 waste constituents below Department of Health Services' action levels, but above background,
13 not determined, and
24 no leakage detected.

Breaking down the leakage results by rank, (See Figure 8, Page 25) 85 percent of Rank 1 sites were leaking based on data contained in the 1987-88 Report to the Legislature, but only 76 percent are leaking when data obtained in the subsequent 2 years is included. Seventy-seven percent of Rank 2 sites were leaking based on data contained in the 1988-89 Report to the Legislature, and 82 percent are leaking when data obtained over the past year is included. Seventy-one percent of Rank 3 sites leak based on the 24 sites reported on thus far. While it appears that the percentage of leaking sites is dropping in later ranks, it is still too early to discern a trend in the percentage of leakers because we have approved SWAT Reports for only 7 percent of the total identified solid waste disposal sites in the state.

FIGURE 7

RELATIVE PERCENTAGES OF SITES IN EACH CATEGORY OF LEAKAGE FOR 163 APPROVED OR WAIVED REPORTS

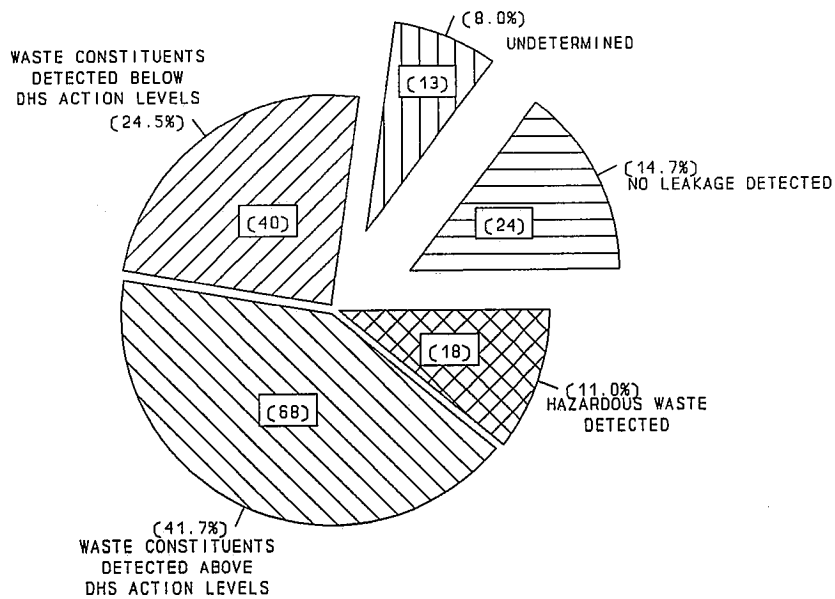
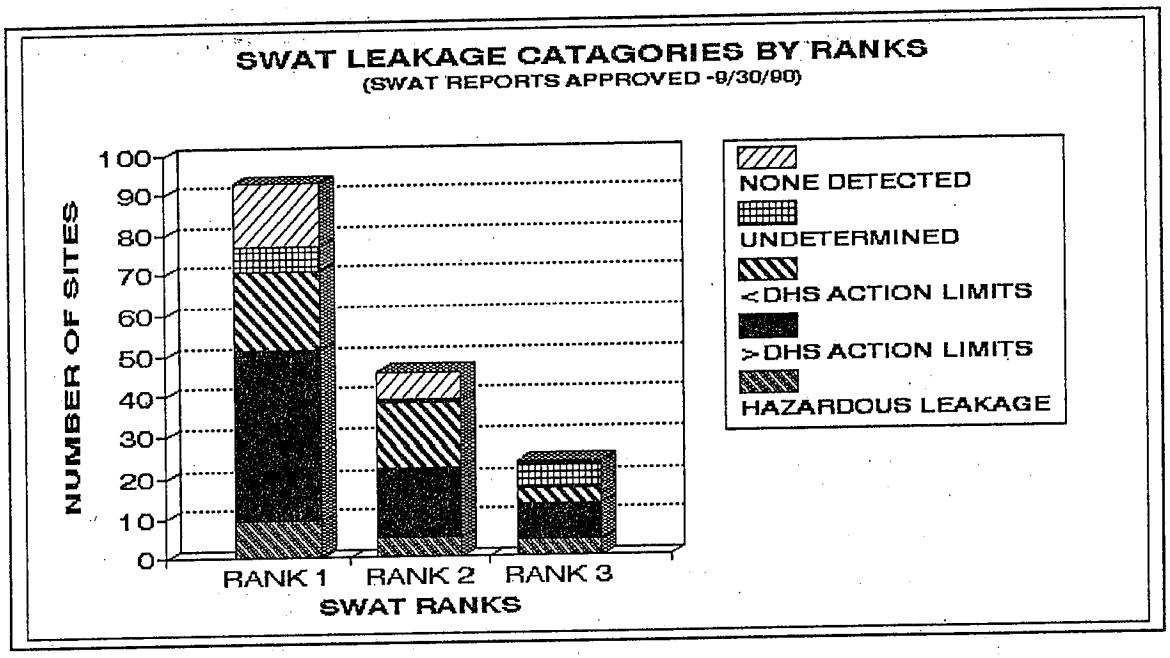


FIGURE 8: SITE LEAKAGE BY RANKS



A. Leakage of Hazardous Waste (as defined by Department of Health Services Regulations)

Eighteen sites were determined to be leaking hazardous wastes (see Table I, Page 26). Of these sites, fifteen sites were previously known to have leaked hazardous waste. Consequently, these sites, because of previously available information, were waived from performing the SWAT assessment.

In general, these sites are leaking high concentrations of volatile organic compounds such as vinyl chloride, dichloroethelene, perchlorethylene, trichloroethelene, benzene, DDE and DDT. However, at the Corcoran Landfill, arsenic was detected above the hazardous waste level at 5.5 parts per million. In addition, elevated levels of barium, cadmium, iron, manganese, silver and general minerals were detected in the ground water downgradient from this site.

Some water quality protection action is being taken at each of these sites. Actions include installation of a cut off wall with an extraction trench and water treatment (Chevron Chemical Company), a ground water pump and treatment facility (Sharpe Army Depot), and additional verification monitoring prior to corrective action (Lompoc City Landfill, Corcoran Landfill, and US Navy Communications Landfill).

Additional information on each site may be found in the SWAT Report Summaries in Appendix III.

TABLE I: SITES DETERMINED TO BE LEAKING HAZARDOUS WASTE

REGION	Site name	OPERATOR	COUNTY	RANK
1	DEL NORTE COUNTY-PESTICIDE STORAGE	DEL NORTE COUNTY	DEL NORTE	2
2	CHEVRON CHEMICAL COMPANY-OLD SITES	CHEVRON	CONTRA COSTA	3
3	FORT ORD LANDFILL	HEADQUARTERS 7TH INFANTRY	MONTEREY	1
3	LOMPOC CITY LANDFILL	CITY OF LOMPOC	SANTA BARBARA	3
4	OPERATING INDUSTRIES LANDFILL	OPERATING INDUSTRIES INCORPORATED	LOS ANGELES	1
5F	TULARE COUNTY-WOODLAKE LANDFILL	TULARE CO REFUSE DISP. DEPT.	TULARE	1
5F	MCKINLEY AVE. YARD	NORTH AMERICAN PHILLIPS	FRESNO	2
5F	KINGS COUNTY-CORCORAN LANDFILL	KINGS COUNTY	KINGS	2
5R	KOPPERS COMPANY-OROVILLE SITE	KOPPERS COMPANY	BUTTE	2
5S	UNION MINE LANDFILL	EL DORADO LANDFILL, INC	EL DORADO	1
5S	US AIR FORCE-MCCLELLAN AFB LANDFILL	US AIR FORCE	SACRAMENTO	1
5S	US NAVY COMMUNICATIONS LANDFILL	U.S.NAVY COMMUNICATIONS	SAN JOAQUIN	3
5S	US ARMY-SHARPE ARMY DEPOT	US ARMY	SAN JOAQUIN	3
6V	OWENS LAKE SULFATE SLURRY IMPOUNDMENT	U.S. TUNGSTEN CORP.	INYO	1
8	MCCOLL SITE	TOXIC SUBSTANCES CONTROL PROGRAM	ORANGE	1
8	ORANGE COUNTY-COYOTE CANYON LANDFILL	WASTE MANAGEMENT DIVISION	ORANGE	1
8	STRINGFELLOW QUARRY ACID PITS	TOXIC SUBSTANCES CONTROL PROGRAM	RIVERSIDE	1
8	US AIR FORCE-MARCH AFB LANDFILL	DEPARTMENT OF THE AIR FORCE	RIVERSIDE	2

B. <u>Leakage of Waste Constituents Above Department of Health Services' Action Levels</u>

Sixty-eight sites (see Table II, Page 27) were determined to be leaking wastes above Department of Health Services' Action Levels.

In most cases, volatile organic compounds are the main waste constituents that are detected, primarily vinyl chloride, trichloroethylene (TCE), methylene chloride, and benzene. These sites may also be leaking hazardous waste, but the concentration of constituents in the leakage has been diluted below hazardous waste levels by the time the constituents are detected at monitoring points. Monitoring points are rarely near enough to the waste leakage source or migration pathway to detect the maximum concentrations. Also, a contaminant plume may migrate in pulses following storm events, thereby making the timing of sample collection a factor in the concentration levels detected.

TABLE II: SITES DETERMINED TO BE LEAKING WASTE CONSTITUENTS ABOVE DEPARTMENT OF HEALTH SERVICES' ACTION LEVELS

REGION	Site name	OPERATOR	COUNTY	RANK
1	EUREKA LANDFILL	CITY GARBAGE COMPANY	HUMBOLDT	1
2	WEST CONTRA COSTA LANDFILL	RICHMOND SANITARY SERVICE	CONTRA COSTA	1
2	EASTERN ALAMEDA COUNTY LANDFILL	DePAOLI EQUIPMENT CO INC	ALAMEDA	2
2	OX MOUNTAIN LANDFILL	SAN MATEO COUNTY (BROWNING-FERRIS)	SAN MATEO	3
3	MARINA LANDFILL	MARINA CLASS III LANDFILL	MONTEREY	1
3	JOHN SMITH LANDFILL	SAN BENITO COUNTY	SAN BENITO	1
3	CASMALIA RESOURCES DISPOSAL SITE	CASMALIA RESOURCES	SANTA BARBARA	1
3	CRAZY HORSE LANDFILL	SALINAS DISPOSAL SERVICE, INC.	MONTEREY	2
3	LOS OSOS LANDFILL	SAN LUIS OBISPO COUNTY	SAN LUIS OBISPO	3
3	US AIR FORCE-VANDENBERG AFB LANDFILL	US AIR FORCE	SANTA BARBARA	3
3	PACHECO PASS LANDFILL	SOUTH VALLEY REFUSE INC.	SANTA CLARA	3
3	BEN LOMOND LANDFILL	SANTA CRUZ COUNTY	SANTA CRUZ	3
4	BKK LANDFILL-WEST COVINA	BKK CORPORATION	LOS ANGELES	1
4	L.A. CO. SD-SCHOLL CANYON LANDFILL	COUNTY SAN DISTRICTS OF LA COUNTY	LOS ANGELES	1
4	MISSION CANYON LANDFILL NO. 8	COUNTY SAN DISTRICTS OF LA COUNTY	LOS ANGELES	1
4	LOS ANGELES COUNTY SD-SPADRA LANDFILL	COUNTY SAN DISTRICTS OF LA COUNTY	LOS ANGELES	1
4	STOUGH PARK, VERDUGO	CITY OF BURBANK	LOS ANGELES	2
4	PENROSE PIT NO. 8	CONROCK COMPANY	LOS ANGELES	2
4	PENROSE PIT LANDFILL NO. 7	LOS ANGELES BY-PRODUCTS CO	LOS ANGELES	2
4	VALLEY RECLAMATION CO.-BENTZ LANDFILL	VALLEY RECLAMATION COMPANY	LOS ANGELES	2
4	VALLEY RECLAMATION COMPANY-GREGG PIT	VALLEY RECLAMATION COMPANY	LOS ANGELES	2
5F	CHESTNUT LANDFILL	BROWNING FERRIS INDUSTRIES	FRESNO	1
5F	FRESNO CITY LANDFILL	FRESNO CITY PUBLIC WORKS DEPT	FRESNO	1
5F	MENDOTA-FIREBAUGH LANDFILL	FRESNO CO PUBLIC WORKS DEPT	FRESNO	1
5F	SOUTHEAST REGIONAL LANDFILL	FRESNO CO PUBLIC WORKS DEPT	FRESNO	1
5F	KERN COUNTY-MCFARLAND-DELANO LANDFILL	KERN COUNTY DEPT. OF PUBLIC WORKS	KERN	1
5F	KINGS CO-HANFORD CITY LANDFILL (OLD)	KINGS COUNTY	KINGS	1
5F	MADERA COUNTY-FAIRMEAD LANDFILL	MADERA DISPOSAL SYSTEMS	MADERA	1
5F	TULARE COUNTY-VISALIA LANDFILL	TULARE CO REFUSE DISP. DEPT.	TULARE	1
5F	BFI-CHATEAU LANDFILL	BROWNING-FERRIS INDUSTRIES	FRESNO	2
5F	KERN COUNTY-SHAFTER-WASCO LANDFILL	KERN COUNTY DEPT. OF PUBLIC WORKS	KERN	2
5R	PLUMAS COUNTY-GOPHER HILL LANDFILL	PLUMAS COUNTY	PLUMAS	2
5S	ALTAMONT PASS LANDFILL	OAKLAND SCAVENGER CO	ALAMEDA	1
5S	AMADOR COUNTY-BUENA VISTA LANDFILL	AMADOR CO. PUBLIC WORKS DEPT	AMADOR	1
5S	CONTRA COSTA WASTE SERVICE	GBF	CONTRA COSTA	1
5S	LAKE COUNTY-EASTLAKE LANDFILL	LAKE COUNTY PUBLIC WORKS DEPT	LAKE	1
5S	AEROJET LIQUID ROCKET COMPANY	AEROJET LIQUID ROCKET COMPANY	SACRAMENTO	1
5S	SACRAMENTO CITY LANDFILL	CITY OF SACTO ST. MAINTENANCE	SACRAMENTO	1
5S	FORWARD INCORPORATED LANDFILL	FORWARD INC./GREG BASSO	SAN JOAQUIN	1
5S	IT CORP-MONTEZUMA HILLS FACILITY	IT CORPORATION	SOLANO	1
5S	BONZI SANITARY LANDFILL	RUDY BONZI	STANISLAUS	1
5S	STANISLAUS COUNTY-GEER ROAD LANDFILL	STANISLAUS CO. PUBLIC WKS DEPT	STANISLAUS	1
5S	YOLO COUNTY-CENTRAL LANDFILL	YOLO CO DEPT OF PUBLIC WORKS	YOLO	1
5S	COLUSA COUNTY-EVANS ROAD LANDFILL	COLUSA COUNTY	COLUSA	2
5S	PITTSBURG DISPOSAL AND DEBRIS	GBF	CONTRA COSTA	2
5S	IT CORPORATION-BENSON RIDGE FACILITY	IT CORPORATION	LAKE	2
5S	NEVADA COUNTY-MCCOURTNEY ROAD LANDFILL	NEVADA COUNTY	NEVADA	2
5S	LAWRENCE LIVERMORE LAB SITE 300 PIT 6	LAWRENCE LIVERMORE LABS	SAN JOAQUIN	2
5S	ROSEVILLE CITY SANITARY LANDFILL	CITY OF ROSEVILLE DEPT PUBLIC	PLACER	3
5S	L & D LANDFILL COMPANY	NORMAN LIEN	SACRAMENTO	3
6V	APPLE VALLEY LANDFILL	SAN BERNARDINO COUNTY	SAN BERNARDINO	1
6V	LENWOOD/HINKLEY LANDFILL	SAN BERNARDINO COUNTY	SAN BERNARDINO	1
6V	ANTELOPE VALLEY/PALMDALE LANDFILL	PALMDALE DISPOSAL CO., INC.	LOS ANGELES	2
6V	LANCASTER LANDFILL	WASTE MANAGEMENT INC.	LOS ANGELES	3
7	RIVERSIDE COUNTY-BLYTHE LANDFILL	RIVERSIDE COUNTY	RIVERSIDE	1
7	COACHELLA VALLEY LANDFILL	RIVERSIDE COUNTY	RIVERSIDE	3
8	US ARMED FORCES RESERVE CENTER	CALIFORNIA ARMY NATIONAL GUARD	ORANGE	1
8	RIVERSIDE CITY-TEQUESQUITE LANDFILL	CITY OF RIVERSIDE	RIVERSIDE	1
8	SAN BERNARDINO COUNTY-COLTON LANDFILL	SAN BERNARDINO COUNTY	SAN BERNARDINO	1
8	SAN BERNARDINO COUNTY-FONTANA LANDFILL	SAN BERNARDINO COUNTY	SAN BERNARDINO	1
8	MILLIKEN LANDFILL	SAN BERNARDINO COUNTY	SAN BERNARDINO	1
8	VERDEMONT LANDFILL	SAN BERNARDINO COUNTY	SAN BERNARDINO	1
8	SAN BERNARDINO COUNTY-YUCAIPA LANDFILL	SAN BERNARDINO COUNTY	SAN BERNARDINO	2
9	LAS PULGAS SANITARY LANDFILL	MARINE CORPS	SAN DIEGO	1
9	GOLF COURSE GARBAGE DISPOSAL AREA	NAVY	SAN DIEGO	1
9	OMAR RENDERING CLASS I DISPOSAL SITE	OMAR RENDERING COMPANY	SAN DIEGO	1
9	SOUTH CHOLLAS LANDFILL	CITY OF SAN DIEGO	SAN DIEGO	1
9	SAN MARCOS SANITARY LANDFILL	SAN DIEGO COUNTY	SAN DIEGO	1

C. Leakage of Waste Constituents Below Department of Health Services' Action Levels

Forty sites were determined to be leaking wastes below Department of Health Services' Action Levels (see Table III).
Volatile organic compounds are detected at approximately 75 percent of these sites. In general, the predominant compounds detected are the same as in the previous category (Leakage Above Department of Health Services' Action Levels) but at concentrations which are below action levels. At other sites, inorganic constituents are detected which are:

(1) Minerals below Department of Health Services' Action Levels but above background levels or
(2) Minerals without Department of Health Services' Action Levels but above background levels.

TABLE III: SITES DETERMINED TO BE LEAKING WASTE CONSTITUENTS BELOW DEPARTMENT OF HEALTH SERVICES' ACTION LEVELS

REGION	Site name	OPERATOR	COUNTY	RANK
1	HUMBOLDT COUNTY-TABLE BLUFF LANDFILL	HUMBOLDT COUNTY	HUMBOLDT	1
1	LOUISIANA PACIFIC-SAMOA LANDFILL	LOUISIANA PACIFIC CORPORATION	HUMBOLDT	1
1	UKIAH CITY LANDFILL	CITY OF UKIAH	MENDOCINO	1
1	MENDOCINO COUNTY-CASPAR LANDFILL	MENDOCINO COUNTY	MENDOCINO	1
1	TULELAKE-SHEEPY RIDGE LANDFILL	CITY OF TULELAKE	SISKIYOU	1
1	SONOMA COUNTY-HEALDSBURG LANDFILL	SONOMA COUNTY	SONOMA	1
1	KLAMATH WOOD WASTE DISPOSAL SITE	SIMPSON TIMBER CO	DEL NORTE	2
1	KORBEL WOOD WASTE DISPOSAL SITE	SIMPSON TIMBER COMPANY	HUMBOLDT	2
1	WILLITS CITY LANDFILL	CITY OF WILLITS	MENDOCINO	2
1	YREKA CITY LANDFILL	CITY OF YREKA	SISKIYOU	2
2	IT CORPORATION-VINE HILL FACILITY	IT CORPORATION	CONTRA COSTA	1
2	STAUFFER CHEMICAL-MARTINEZ	STAUFFER CHEMICAL COMPANY	CONTRA COSTA	1
2	PALO ALTO CITY LANDFILL	CITY OF PALO ALTO	SANTA CLARA	1
2	GUADALUPE RUBBISH DISPOSAL	GUADALUPE RUBBISH DISPOSAL COMPANY	SANTA CLARA	1
2	JONES-HAMILTON	JONES-HAMILTON	SANTA CLARA	1
2	IT CORPORATION-PANOCHE	IT CORPORATION	SOLANO	1
2	DAVIS STREET LANDFILL	OAKLAND SCAVENGER COMPANY	ALAMEDA	2
2	WESTERN GRAVEL LANDFILL		SANTA CLARA	2
4	L.A. CO. SD-PUENTE HILLS LANDFILL	COUNTY SAN DISTRICTS OF LA COUNTY	LOS ANGELES	1
4	SANTA CLARA COASTAL LANDFILL	CITY OF OXNARD	VENTURA	1
4	VENTURA RSD-BAILARD LANDFILL	VENTURA REGIONAL SANITATION DIST	VENTURA	1
4	NU-WAY INDUSTRIES LANDFILL	NU-WAY INDUSTRIES	LOS ANGELES	2
4	VENTURA COUNTY RSD-EL RIO LANDFILL	VENTURA COUNTY RSD	VENTURA	2
5F	FRESNO COUNTY-BIG BLUE HILLS LANDFILL	FRESNO COUNTY	FRESNO	1
5F	CLOVIS CITY LANDFILL	CITY OF CLOVIS	FRESNO	2
5R	REDDING CITY LANDFILL	CITY PUBLIC WORKS DEPARTMENT	SHASTA	1
5R	TEHAMA COUNTY-RED BLUFF LANDFILL	SUBURBAN TRANSFER AND LANDFILL	TEHAMA	1
5R	LOUISIANA PACIFIC-OROVILLE SITE	LOUISIANA-PACIFIC CORPORATION	BUTTE	2
5R	PORTOLA CITY LANDFILL	CITY OF PORTOLA	PLUMAS	3
5S	GEORGIA PACIFIC CORP.-MARTELL SITE	BENDIX FOREST PRODUCTS INC.	AMADOR	2
5S	AQUA CLEAR FARMS	NOEL HATCH	AMADOR	2
5S	COVE CONTRACTORS	COVE CONTRACTORS INC.	SAN JOAQUIN	2
5S	B & J DROP BOX DISPOSAL SITE-VACAVILLE		SOLANO	2
5S	UNIVERSITY OF CAL landfill-davis	UNIVERSITY OF CALIF., DAVIS	YOLO	2
5S	MERCED COUNTY-BILLY WRIGHT LANDFILL	MERCED CO DEPT OF PUBLIC WORKS	MERCED	3
5S	MERCED COUNTY-HIGHWAY 59 LANDFILL	MERCED CO DEPT OF PUBLIC WORKS	MERCED	3
5S	RIO VISTA SANITATION SERVICE	RIO VISTA SANITATION SERVICE	SOLANO	3
6T	MONO COUNTY-WALKER LANDFILL	MONO COUNTY	MONO	1
7	MORTON SALT LANDFILL	GSX SERVICES(IMPERIAL VALLEY) INC.	IMPERIAL	1
7	SAN BERNARDINO COUNTY-LANDERS LANDFILL	SAN BERNARDINO COUNTY	SAN BERNARDINO	2

D. Sites With No Leakage Detected

Twenty-four sites have been determined to not be leaking (see Table IV). Each of these sites are currently under waste discharge requirements and continued monitoring.

Ideally, a Regional Board determination of "leakage not detected" means that the monitoring system can reliably detect any waste migration from the site, but leakage was not detected. A Regional Board determination that a monitoring system can reliably detect any waste migration, required by Water Code Subsection 13273(d), is interpreted to mean that the system is in compliance with the monitoring requirements in the State Board's regulations. Among other things, compliance with the regulations means that seasonal changes in hydraulic gradients affecting ground water flow directions have been evaluated using sufficient potentiometric data. This is necessary to designate monitoring wells as being upgradient (background) and downgradient relative to the waste management unit. Also, compliance means that seasonal variations in water quality have been determined at these points of compliance as part of developing the water quality protection standards. This allows statistical comparisons to be made between these established background levels and data from downgradient wells.

TABLE IV: SITES WITH NO LEAKAGE DETECTED

REGION	SITE NAME	OPERATOR	COUNTY	RANK
1	ARCATA LANDFILL	HUMBOLDT COUNTY	HUMBOLDT	1
1	WEED LANDFILL	CITY OF WEED	SISKIYOU	1
1	SONOMA COUNTY-CENTRAL LANDFILL	SONOMA COUNTY	SONOMA	1
1	MAKI, ALLEN WWDS	ALLEN MAKI	HUMBOLDT	3
2	BFI-NEWBY ISLAND LANDFILL	INTERNATIONAL DISPOSAL CORP OF CA	SANTA CLARA	1
3	SANTA CRUZ CITY LANDFILL	PUBLIC WORKS DEPARTMENT	SANTA CRUZ	1
3	BUENA VISTA LANDFILL	SANTA CRUZ COUNTY	SANTA CRUZ	2
3	OZENA MODIFIED LANDFILL	VENTURA REG. SAN. DIST.	VENTURA	2
5F	MCKITTRICK SITE	LIQUID WASTE MANAGEMENT	KERN	1
5F	TELEDYNE TUNGSTEN-STRAWBERRY MINE	TELEDYNE TUNGSTEN-JIM REIHL	MADERA	2
5R	PACKWAY MATERIALS LANDFILL	PACKWAY MATERIALS INC.	SHASTA	1
5S	WESTERN REGIONAL SANITARY LANDFILL	WESTERN PLACER RECOVERY CO.	PLACER	2
5S	TRACY CITY LANDFILL-CORRAL HOLLOW ROAD	DEPT. OF PUBLIC WORKS	SAN JOAQUIN	2
6T	MONO COUNTY-PUMICE VALLEY LANDFILL	MONO COUNTY	MONO	1
6T	MONO COUNTY-BENTON CROSSING LANDFILL	MONO COUNTY	MONO	1
6V	BARSTOW LANDFILL	SAN BERNARDINO COUNTY	SAN BERNARDINO	1
6V	HEAPS PEAK LANDFILL	SAN BERNARDINO COUNTY	SAN BERNARDINO	1
6V	PHELAN LANDFILL	SAN BERNARDINO COUNTY	SAN BERNARDINO	1
7	BIG BEAR LANDFILL	SAN BERNARDINO COUNTY	SAN BERNARDINO	1
7	USMC-TWENTYNINE PALMS SITE	NATURAL RESOURCES BRANCH	SAN BERNARDINO	1
7	U.S. GYPSUM COMPANY	US GYPSUM COMPANY	IMPERIAL	2
8	HUNTINGTON BEACH LEASE "A" SITE	CHEVRON U.S.A., WESTERN REGION	ORANGE	1
9	PRIMA DESHECHA CANADA LANDFILL	ORANGE COUNTY	ORANGE	1
9	MISSION AVENUE LANDFILL	CITY OF OCEANSIDE	SAN DIEGO	2

E. Sites With Leakage Undetermined

Waste constituents have been detected in ground water at thirteen sites (see Table V), but the sources of leakage have not been conclusively identified. The "undetermined" response to the question of "leakage detected" was necessary at sites where the operator did not establish background levels. At these sites, ground water has apparently been polluted by another source of leakage upgradient from the site, thereby masking possible leakage. Further investigations are required to identify these off-site sources of leakage.

TABLE V: SITES WITH LEAKAGE UNDETERMINED

REGION	Site name	OPERATOR	COUNTY	RANK
2	SHORELINE PARK LANDFILL	LAIDLAW WASTE SYSTEMS	SANTA CLARA	1
2	STIERLIN ROAD DISPOSAL COMPANY	STIERLIN ROAD DISPOSAL COMPANY	SANTA CLARA	1
3	SAN ARDO NO. 2	MONTEREY COUNTY	MONTEREY	2
4	AZUSA LAND RECLAMATION COMPANY	AZUSA LAND RECLAMATION CO. INC	LOS ANGELES	1
4	SHELDON ARLETA LANDFILL	CITY OF LOS ANGELES	LOS ANGELES	1
4	PALOS VERDES LANDFILL	COUNTY SAN DISTRICTS OF LA COUNTY	LOS ANGELES	1
4	VENTURA RSD-COASTAL LANDFILL	VENTURA REGIONAL SANITATION DIST	VENTURA	1
4	L.A. BY-PRODUCTS-NEWBERRY	L.A. BY-PRODUCTS COMPANY	LOS ANGELES	3
5F	ARMSTRONG RUBBER COMPANY	ARMSTRONG RUBBER COMPANY	KINGS	3
5F	TULARE COUNTY-EXETER DISPOSAL SITE	TULARE COUNTY	TULARE	3
5S	ANTIOCH CITY LANDFILL(OLD)	CITY OF ANTIOCH	CONTRA COSTA	3
5S	PLACER COUNTY-LOOMIS LANDFILL	AUBURN PLACER DISPOSAL	PLACER	3
5S	STOCKTON CITY LANDFILL-AUSTIN ROAD	JOHN & PHIL GIAMBASTIANI	SAN JOAQUIN	3

Regional Board Responses Pursuant to Public Resources Code Section 45700

The Regional Boards have provided detailed responses to three interrelated questions as required in Public Resources Code Section 45700. These detailed responses are included in the SWAT Report Summaries contained in Appendix III. SWAT Report Summaries were completed for 126 (77%) leaking sites, 24 (15%) non-leaking sites, and 13 (8%) sites with leakage undetermined. The Regional Boards' detailed responses were categorized into general responses for the 126 leaking sites, so that conclusions may be reached with regard to the three questions. Section 45700 states:

> ". . . the report shall summarize the extent of hazardous waste in solid waste disposal sites and the potential effects these hazardous wastes may have upon the quality of waters of the state and recommend actions needed to protect the quality of water."

A. Extent of Hazardous Waste in Solid Waste Disposal Sites

We recognize that it is difficult to respond to this question accurately without actually sampling the waste discharged at the site. However, monitoring leakage in the unsaturated zone, surface, and ground waters pursuant to Water Code Subsections 13273(d) and (e) can suggest that there is evidence of hazardous waste disposal.

General Responses:

(1) "Evidence of hazardous waste at site", means that either review of records or sampling has determined that hazardous waste is present to some extent at the site. This may include household hazardous wastes.

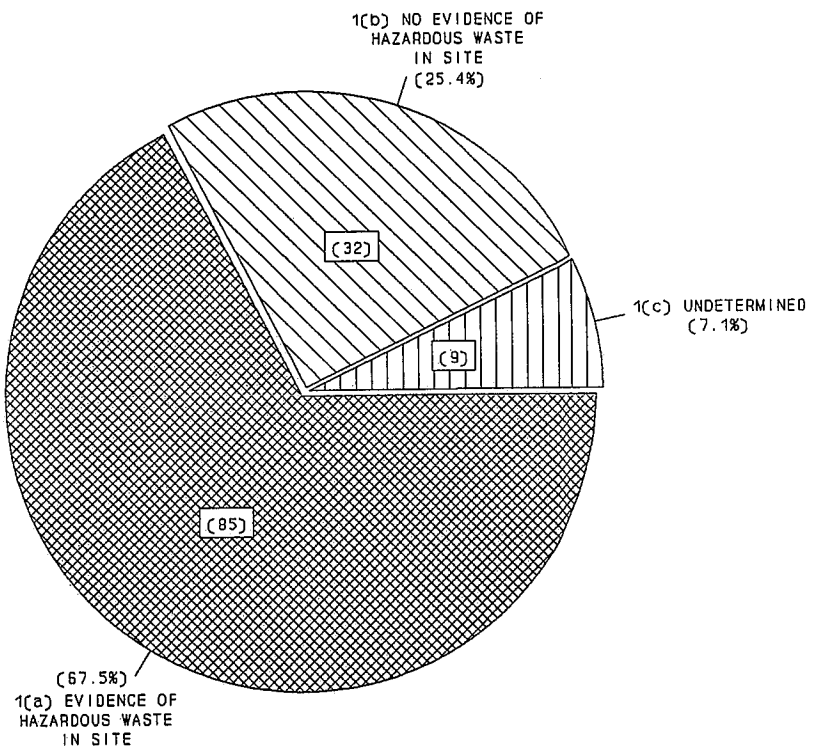
(2) "No evidence of hazardous waste at site" means that records do not indicate disposal of hazardous waste; or, sampling did not provide such evidence.

(3) "Undetermined" means that there has been no determination as to the presence or extent of hazardous wastes at the site.

Figure 9 (Page 32) illustrates the relative percentages of these general responses to this question for the sites known to have leaked. Of the 163 approved or waived SWAT reports, 126 sites were found to have leaked. It should be noted that hazardous wastes, including household hazardous wastes, were disposed, to some extent, at 68 percent of the 126 leaking sites.

FIGURE 9

EXTENT OF HAZARDOUS WASTE IN LEAKING SOLID WASTE DISPOSAL SITES



NOTE: HAZARDOUS WASTE INCLUDES HOUSEHOLD HAZARDOUS WASTE

B. Potential Effects These Hazardous Wastes May Have Upon the Quality of Waters of the State

General Responses contained in the SWAT Report Summaries (Appendix III):

(1) Waste leakage has adversely affected water quality means that hazardous waste or waste constituents have leaked and were detected in the unsaturated zone, surface and/or ground waters. The extent and character of the leakage is under investigation or has been investigated in accordance with a verification monitoring program and is known to have adverse effects on water quality. Here, the "potential effects" have been realized as adverse impacts on water quality.

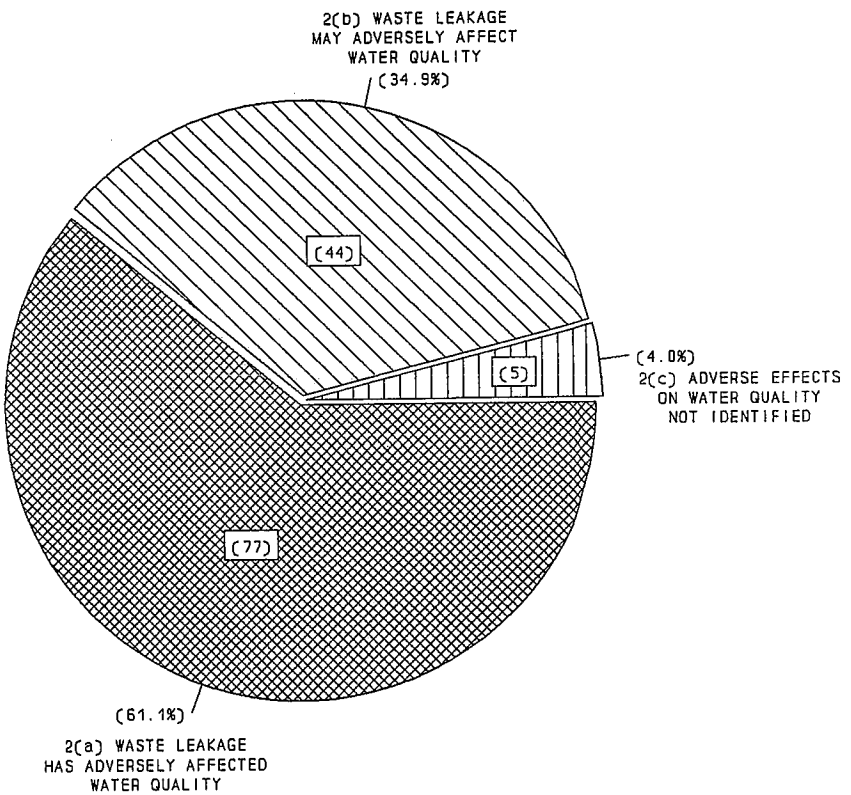
(b) Waste leakage may adversely affect water quality means that hazardous waste or waste constituents have been detected in the unsaturated zone, surface, and/or ground waters, but the extent and character of leakage must be investigated pursuant to a verification monitoring program in order to evaluate the effects on water quality.

(c) Adverse effects on water quality not identified means that waste constituents have been detected (e.g., elevated concentrations of inorganic constituents), but adverse effects on water quality have not been identified.

Figure 10 (Page 34) illustrates the relative percentages of the three general responses to this question for sites known to have leaked. Sixty-one percent of these 126 leaking sites have released hazardous waste or waste constituents to waters of the State resulting in adverse effects on water quality. Fourteen sites have caused some degradation or pollution in domestic or municipal water supply wells. Hazardous waste or waste constituents that have been detected at another 35 percent of the 45 leaking sites may adversely effect water quality.

FIGURE 10

POTENTIAL EFFECTS WASTE
MAY HAVE UPON WATER QUALITY
,AT LEAKING SITES



C. Recommended Actions Needed to Protect the Quality of Water

General Responses contained in the SWAT Report Summaries (Appendix III):

(1) Corrective actions, means that a verification monitoring program has determined the extent and character of the leakage such that known adverse effects on water quality require corrective actions to protect the beneficial uses of the State's waters. The Regional Board may require ground water remediation in accordance with a Cleanup and Abatement Order. In addition, the Regional Boards may opt to require closure or retrofitting of the unit with an engineered containment system (e.g., a cover) or other mitigative measures (e.g., construct a cut-off wall) to prevent or reduce leakage migration.

(2) Verification monitoring needed to define problem, means that hazardous waste or waste constituents have been detected, but the extent and character of the leakage must first be investigated by a verification monitoring program in order to determine appropriate corrective actions. Where the discharge of additional waste could exacerbate the problem, the Regional Board may issue a Cease and Desist Order.

Figure 11 (Page 36) illustrates the relative percentages of the two general responses to this question for the sites known to have leaked. It should be noted that almost one third of the 126 leaking sites are undergoing some type of corrective actions to mitigate water quality problems.

Table VIII (Pages 38-39) lists each of the leaking Rank 1, 2 and 3 SWAT sites having approved or waived SWAT Reports. These sites are grouped according to the type of leakage detected along with general responses to each of the three questions above using the following codes 1(a) through (c), 2(a) through (c), and 3(a) and (b).

FIGURE 11

ACTIONS TAKEN TO PROTECT WATER QUALITY
AT LEAKING SITES

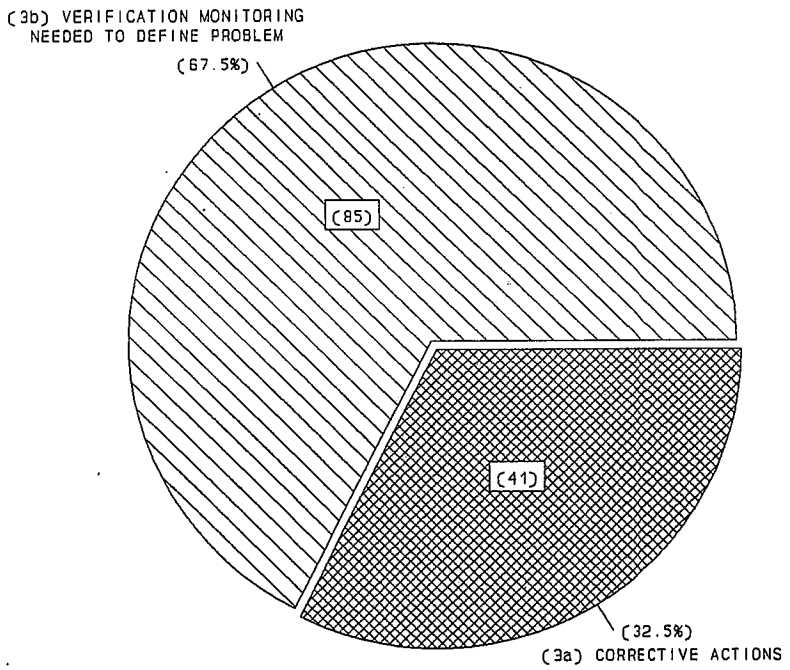


TABLE VI: EXPLANATION OF GENERAL RESPONSES TO PUBLIC RESOURCES CODE SECTION 45700

CODE	QUESTION WITH GENERAL RESPONSE
	EXTENT OF HAZARDOUS WASTE AT SOLID WASTE DISPOSAL SITE
1(a)	Evidence of hazardous waste at site.
1(b)	No evidence of hazardous waste at site.
1(c)	Undetermined.
	POTENTIAL EFFECTS WASTES MAY HAVE UPON WATER QUALITY
2(a)	Waste leakage has adversely affected water quality.
2(b)	Waste leakage may adversely affect water quality.
2(c)	Adverse effects on water quality not identified.
	ACTIONS NEEDED TO PROTECT WATER QUALITY
3(a)	Corrective actions.
3(b)	Verification monitoring needed to define problem.

TABLE VII: EXPLANATION FOR SITE CLASSIFICATION[8]

TYPE OF WASTE	PRE 1984 REGS	POST 1984 REGS
HAZARDOUS WASTE	I	I
DESIGNATED WASTE	II-1	II
NONHAZARDOUS WASTE	II-2	III
INERT WASTE	III	U
NOTE: "U" MEANS THAT THE SITE IS NOT CLASSIFIED		

8 Solid Waste Disposal Site Classification as contained in the State Board's regulations, Chapter 15, California Code of Regulations, Title 23.

TABLE VIII: LEAKING RANK 1, 2 AND 3 SWAT SITES

TYPE OF LEAK	REGION	SITE CLASS	SITE NAME	PRC 45700		
				1	2	3
HAZARDOUS WASTE	1	U	DEL NORTE COUNTY-PESTICIDE STORAGE	a	a	a
	2	U	CHEVRON CHEMICAL COMPANY-OLD SITES	a	a	a
	3	III	FORT ORD LANDFILL	c	a	b
	3	III	LOMPOC CITY LANDFILL	b	a	b
	4	II-2	OPERATING INDUSTRIES LANDFILL	a	a	b
	5F	II-2	TULARE COUNTY-WOODLAKE LANDFILL	a	a	b
	5F	U	T.H. AGRICULTURE AND NUTRITION COMPANY-MCKINLEY AVE. YARD	a	a	a
	5F	II-2	KINGS COUNTY-CORCORAN LANDFILL	b	a	b
	5R	U	KOPPERS COMPANY-OROVILLE SITE	a	a	a
	5S	III	EL DORADO LANDFILL INCORPORATED-UNION MINE LANDFILL	b	b	b
	5S	II-1	US AIR FORCE-MCCLELLAN AFB LANDFILL	a	a	a
	5S	U	US NAVY COMMUNICATIONS LANDFILL	c	a	b
	5S	U	US ARMY-SHARPE ARMY DEPOT	b	a	a
	6V	IIN	OWENS LAKE SULFATE SLURRY IMPOUNDMENT	a	a	b
	8	I	MCCOLL SITE	a	a	a
	8	II	ORANGE COUNTY-COYOTE CANYON LANDFILL	a	b	a
	8	I	STATE OF CALIFORNIA-STRINGFELLOW QUARRY ACID PITS	a	a	a
	8	II	US AIR FORCE-MARCH AFB LANDFILL	a	b	b
ABOVE DHS ACTION LEVELS	1	III*	CITY GARBAGE COMPANY OF EUREKA LANDFILL	a	a	a
	2	II-1	RICHMOND SANITARY SERVICE-WEST CONTRA COSTA LANDFILL	a	b	b
	2	II	BFI-VASCO RD./EASTERN ALAMEDA COUNTY LANDFILL	a	b	b
	2	II-2	SAN MATEO COUNTY SCAVENGER-OX MOUNTAIN LANDFILL	b	a	a
	3	III	MARINA LANDFILL	a	a	b
	3	III	JOHN SMITH LANDFILL	a	a	b
	3	I	CASMALIA RESOURCES DISPOSAL SITE	a	a	b
	3	III	CRAZY HORSE LANDFILL	a	a	a
	3	III	LOS OSOS LANDFILL	a	b	b
	3	III	VANDENBERG LANDFILL	c	a	a
	3	III	PACHECO PASS LANDFILL	a	a	b
	3	III	BEN LOMOND LANDFILL	a	a	b
	4	I	BKK LANDFILL-WEST COVINA	a	b	b
	4	II-2	SCHOLL CANYON LANDFILL	a	a	b
	4	II-2	MISSION CANYON LANDFILL NO. 8	a	a	b
	4	II-2	SPADRA LANDFILL	a	b	a
	4	III*	BURBANK CITY-STOUGH PARK LANDFILL	a	b	b
	4	II-2	L.A. BY-PRODUCTS-CONROCK--PENROSE PIT NO. 8	a	b	b
	4	II-2	L.A. BY-PRODUCTS-PENROSE PIT LANDFILL NO. 7	a	b	b
	4	II	VALLEY RECLAMATION COMPANY-BENTZ LANDFILL	a	a	b
	4	II	VALLEY RECLAMATION COMPANY-GREGG PIT	a	a	b
	5F	II-2	CHESTNUT AVE. LANDFILL	b	a	a
	5F	II-2	FRESNO CITY LANDFILL	a	a	b
	5F	II-2	FRESNO COUNTY-MENDOTA-FIREBAUGH LANDFILL	b	b	b
	5F	II-2	FRESNO COUNTY-SOUTHEAST REGIONAL LANDFILL	b	a	a
	5F	II-2	KERN COUNTY-MCFARLAND-DELANO LANDFILL	b	a	b
	5F	III	KINGS COUNTY-HANFORD CITY LANDFILL (OLD)	a	a	b
	5F	II-2	MADERA COUNTY-FAIRMEAD LANDFILL	a	a	b
	5F	II-2	TULARE COUNTY-VISALIA LANDFILL	a	a	b
	5F	II-1	BFI-CHATEAU LANDFILL	b	a	b
	5F	II	KERN COUNTY-SHAFTER-WASCO LANDFILL	a	a	b
	5R	II-2	PLUMAS COUNTY-GOPHER HILL LANDFILL	b	a	a
	5S	III	OAKLAND SCAVENGER-ALTAMONT PASS LANDFILL	a	a	a
	5S	II-1	AMADOR COUNTY-BUENA VISTA LANDFILL	a	a	b
	5S	II-2	GBF LANDFILL-CONTRA COSTA WASTE SERVICE	a	a	b
	5S	II-1	LAKE COUNTY-EASTLAKE LANDFILL	a	b	b
	5S	II-2	AEROJET LIQUID ROCKET COMPANY	c	a	a
	5S	III	SACRAMENTO CITY LANDFILL	a	a	b
	5S	III	FORWARD INCORPORATED LANDFILL	a	a	b
	5S	II-1	IT CORPORATION-MONTEZUMA HILLS FACILITY	a	a	a
	5S	II-2	BONZI SANITARY LANDFILL	b	a	b
	5S	II-2	STANISLAUS COUNTY-GEER ROAD LANDFILL	a	a	a
	5S	III	YOLO COUNTY-CENTRAL LANDFILL	b	c	a
	5S	III	COLUSA COUNTY-EVANS ROAD LANDFILL	b	b	a
	5S	III	GBF LANDFILL-PITTSBURG DISPOSAL AND DEBRIS SERVICE	a	a	b
	5S	II-1	IT CORPORATION-BENSON RIDGE FACILITY	a	a	a
	5S	III	NEVADA COUNTY-MCCOURTNEY ROAD LANDFILL	b	a	a
	5S	U	LAWRENCE LIVERMORE LAB SITE 300 PIT 6	a	a	b
	5S	II-2	ROSEVILLE CITY SANITARY LANDFILL	c	a	b
	5S	II-2	L & D LANDFILL COMPANY	c	a	b
	6V	III*	APPLE VALLEY LANDFILL	a	a	b
	6V	III*	LENWOOD/HINKLEY LANDFILL	a	a	a
	6V	III*	ANTELOPE VALLEY/PALMDALE LANDFILL	c	b	b
	6V	II-2	LANCASTER LANDFILL	a	a	a
	7	III	RIVERSIDE COUNTY-BLYTHE LANDFILL	a	a	a
	7	III	RIVERSIDE COUNTY-COACHELLA VALLEY LANDFILL	a	a	b
	8	II	CALIF. NATIONAL GUARD-US ARMED FORCES RESERVE CENTER	a	a	b
	8	II-2	RIVERSIDE CITY-TEQUESQUITE LANDFILL	a	b	b
	8	II-2	SAN BERNARDINO COUNTY-COLTON LANDFILL	a	b	b
	8	II-2	SAN BERNARDINO COUNTY-FONTANA LANDFILL	b	a	b
	8	II-2	SAN BERNARDINO COUNTY-MILLIKEN LANDFILL	b	a	b
	8	II-2	SAN BERNARDINO COUNTY-VERDEMONT LANDFILL	a	b	b
	8	II-2	SAN BERNARDINO COUNTY-YUCAIPA LANDFILL	a	b	b
	9	II-2	LAS PULGAS SANITARY LANDFILL	a	a	b
	9	U	GOLF COURSE GARBAGE DISPOSAL AREA	c	b	b
	9	II-1	OMAR RENDERING CLASS I DISPOSAL SITE	a	b	b
	9	U	SOUTH CHOLLAS LANDFILL	a	b	b
	9	III*	SAN MARCOS SANITARY LANDFILL	a	b	b

TABLE VIII (Continued)

TYPE OF LEAK	REGION	SITE CLASS	SITE NAME	PRC 45700		
				1	2	3
	1	II-2	HUMBOLDT COUNTY-TABLE BLUFF LANDFILL	a	b	a
	1	III	LOUISIANA PACIFIC-SAMOA LANDFILL	b	b	a
	1	II-2	UKIAH CITY LANDFILL	a	b	b
	1	II-2	MENDOCINO COUNTY-CASPAR LANDFILL	a	b	b
	1	III*	TULELAKE-SHEEPY RIDGE LANDFILL	a	b	b
	1	II-2	SONOMA COUNTY-HEALDSBURG LANDFILL	a	b	b
	1	II-2	SIMPSON TIMBER COMPANY-KLAMATH WOOD WASTE DISPOSAL SITE	a	b	b
	1	II-2	SIMPSON TIMBER COMPANY-KORBEL WOOD WASTE DISPOSAL SITE	b	b	b
	1	II-2	WILLITS CITY LANDFILL	b	b	b
	1	III*	YREKA CITY LANDFILL	a	b	b
	2	I	IT CORPORATION-VINE HILL FACILITY	a	b	b
	2	II-1	STAUFFER CHEMICAL-MARTINEZ	a	b	b
	2	II-2	PALO ALTO CITY LANDFILL	a	c	b
	2	III	GUADALUPE RUBBISH DISPOSAL	a	a	b
	2	I	JONES-HAMILTON	a	a	a
	2	I	IT CORPORATION-PANOCHE	b	b	a
BELOW	2	II-2	OAKLAND SCAVENGER-DAVIS STREET LANDFILL	a	b	b
	2	III	TIMBER COVE/WESTERN GRAVEL LANDFILL	a	b	b
DHS	4	II-2	PUENTE HILLS LANDFILL	a	a	a
	4	U	COASTAL LANDFILL-OXNARD CITY	a	c	b
ACTION	4	U	VENTURA RSD-BAILARD LANDFILL	a	a	b
	4	III	NU-WAY INDUSTRIES LANDFILL	c	a	a
LEVELS	4	U	VENTURA COUNTY RSD-EL RIO LANDFILL	b	c	b
	5F	II-1	FRESNO COUNTY-BIG BLUE HILLS LANDFILL	a	a	b
	5F	II-2	CLOVIS CITY LANDFILL	b	a	a
	5R	III*	REDDING CITY LANDFILL	a	b	a
	5R	III*	TEHAMA COUNTY-RED BLUFF LANDFILL	a	c	b
	5R	III*	LOUISIANA PACIFIC-OROVILLE SITE	b	b	a
	5R	II-2	PORTOLA CITY LANDFILL	b	a	b
	5S	II-2	GEORGIA PACIFIC CORPORATION-MARTELL SITE	b	b	b
	5S	II-2	AQUA CLEAR FARMS	b	a	a
	5S	II-2	COVE CONTRACTORS	b	a	a
	5S	III	B & J DROP BOX DISPOSAL SITE-VACAVILLE	a	a	a
	5S	II-2	UNIVERSITY OF CALIFORNIA LANDFILL-DAVIS	b	b	b
	5S	III	MERCED COUNTY-BILLY WRIGHT LANDFILL	b	a	b
	5S	III	MERCED COUNTY-HIGHWAY 59 LANDFILL	b	a	b
	5S	II-2	RIO VISTA SANITATION SERVICE	a	b	a
	6T	II-2	MONO COUNTY-WALKER LANDFILL	b	a	b
	7	IN	IT CORPORATION-IMPERIAL VALLEY FACILITY-MORTON SALT LANDFILL	a	b	b
	7	III	SAN BERNARDINO COUNTY-LANDERS LANDFILL	a	a	b

NOTE: '*' INDICATES POST-1984 CLASS III
'C' INDICATES THAT CLASSIFICATION IS NOT APPLICABLE (e.g. CLOSED SITE)

V. FOLLOW-UP REGULATORY ACTIONS AT SOLID WASTE DISPOSAL SITES:

Regional Boards have a wide range of follow-up actions they may take after they approve a SWAT Report. In the rare circumstance where a landfill's SWAT investigation detected no problem, the landfill is no longer used, and no other threat to water quality exists, further action is unnecessary. Should hazardous waste or waste constituent leakage be detected in a SWAT investigation, however, follow-up regulatory action is required to insure that this leakage is mitigated. The nature of the follow-up action is dependent on the magnitude of the water quality threat posed by the landfill. Potential Regional Board actions include:

A. Imposition of an Enhanced or Continuing Monitoring Program: Additional water quality monitoring is appropriate whenever the SWAT investigation indicates that leakage has occurred and a threat of water quality degradation exists.

1. If the Regional Board has already adopted a waste discharge order for a landfill, the monitoring program should be enhanced by addition of the new monitoring points added during the SWAT investigation and additional chemical parameters added as appropriate.

2. If a landfill lacks current waste discharge requirements, a monitoring program may be imposed as part of a Cleanup and Abatement Order or a new Waste Discharge Order.

(Revised landfill monitoring regulations soon to be adopted by the State Water Resources Control Board will require a reappraisal of the sample data interpretation procedures. This, in turn, will necessitate the revision of most existing landfill monitoring programs.)

The principle purpose of continuing water quality monitoring is to determine the long-term trend of pollutant presence and concentrations. Should concentrations decrease over a significant time span, it is possible that the SWAT investigation encountered evidence of a "fossil" leakage event, needing no remedial action. If, on the other hand, concentrations increase and additional pollutants are encountered, further work is needed.

B. Mandate for Additional Investigative Work: This action is taken whenever it is clear that the leakage poses a significant threat to beneficial uses of water. The Regional Board adopts a Cleanup and Abatement Order or Cease and Desist Order that requires (a) determination of the lateral and vertical extent of water quality degradation and (2) the cause of the site's containment system failure.

C. Mandate the Design and Implementation of Corrective Action: This action immediately follows the above and is often mandated in the same enforcement order. Once the problem has been adequately characterized, an action plan can be designed to prevent any further leakage and to cleanup all polluted water and soil.

In addition to the above actions, the Regional Boards are required to consider the results of SWAT investigations every time new or revised landfill waste discharge requirements are considered.

APPENDIX I

SOLID WASTE ASSESSMENT TEST LAW

APPENDIX II

SITE STATUS FOR ALL RANK 1, 2, & 3 SITES

APPENDIX III

SWAT REPORT SUMMARIES FOR ALL RANK 1, 2, & 3 REPORTS THAT HAVE BEEN APPROVED OR WAIVED BETWEEN OCTOBER 1, 1989 AND SEPTEMBER 30, 1990[9]

9 SWAT Summaries for those sites approved or waived prior to October 1, 1989, may be found in the "Solid Waste Assessment Test (SWAT) Program Report to the Legislature 1988-89" January 1990.

APPENDIX IV

REPORT STATUS TABLES
FOR ALL SITES
IN RANKS 1, 2, & 3

APPENDIX I

SOLID WASTE ASSESSMENT TEST LAW

CALDERON SOLID WASTE DISPOSAL LEGISLATION:

1. Public Resources Code Section 45700.

2. Water Code Section 13273.

3. Water Code Section 13273.1, 13273.2, and 13273.3.

4. Health and Safety Code Section 41805.5.

5. Health and Safety Code Sections 40511 and 42311.5, Stats. 1984, c. 1532 are not included in this package. They deal soley with air pollution control districts or air quality management districts fee schedule.

ARTICLE 7. REPORTS TO LEGISLATURE

Section
45700. Report; potential effect of hazardous wastes on water quality.

Article 7 was added by Stats.1989, c. 1095, § 22.

§ 45700. Report; potential effect of hazardous wastes on water quality

(a) On or before January 1, 1991, the state water board shall submit a report to the Legislature. The report shall summarize the extent of hazardous waste in solid waste disposal sites and the potential effects these hazardous wastes may have upon the quality of waters of the state and recommend actions needed to protect the quality of water.

(b) The report shall summarize the data from those solid waste water quality assessment test reports which have been submitted during the preceding year to regional water boards pursuant to Section 13273 of the Water Code, and shall evaluate the accuracy of the solid waste water quality assessment tests conducted.

(Added by Stats.1989, c. 1095, § 22.)

Historical Note

Derivation: Gov.C. former § 66796.54, added by Stats. 1984, c. 1532, § 2.

Gov.C. former § 66796.54, added by Stats.1986, c. 1055, § 2; Stats.1986, c. 1055, § 3.

Library References
Health and Environment ⇐25.7(23).
C.J.S. Health and Environment §§ 113, 150.

§ 13273. Solid waste disposal sites; ranking based on threat to water quality; submission of water quality assessment test reports by rank; waiver; evaluation; procedure upon discovery of inadequate monitoring or contamination of the water; revision of discharge requirements

(a) The state board shall, on or before January 1, 1986, rank all solid waste disposal sites, as defined in Section 66714.1 of the Government Code, based upon the threat which they may pose to water quality. On or before July 1, 1987, the operators of the first 150 solid waste disposal sites ranked on the list shall submit a solid waste water quality assessment test to the appropriate regional board for its examination pursuant to subdivision (d). On or before July 1 of each succeeding year, the operators of the next 150 solid waste disposal sites ranked on the list shall submit a solid waste water quality assessment test to the appropriate regional board for its examination pursuant to subdivision (d).

(b) Before a solid waste water quality assessment test report may be submitted to the regional board, a registered geologist, registered pursuant to Section 7850 of the Business and Professions Code, a certified engineering geologist, certified pursuant to Section 7842 of the Business and Professions Code, or a civil engineer registered pursuant to Section 6762 of the Business and Professions Code, who has at least five years' experience in groundwater hydrology, shall certify that the report contains all of the following information and any other information which the state board may, by regulation, require:

(1) An analysis of the surface and groundwater on, under, and within one mile of the solid waste disposal site to provide a reliable indication whether there is any leakage of hazardous waste.

(2) A chemical characterization of the soil-pore liquid in those areas which are likely to be affected if the solid waste disposal site is leaking, as compared to geologically similar areas near the solid waste disposal site which have not been affected by leakage or waste discharge.

(c) If the regional board determines that the information specified in paragraph (1) or (2) is not needed because other information demonstrates that hazardous wastes are migrating into the water, the regional board may waive the requirement to submit this information specified in paragraphs (1) and (2) of subdivision (b). The regional board shall also notify the State Department of Health Services, and shall take appropriate remedial action pursuant to Chapter 5 (commencing with Section 13300).

(d) The regional board shall examine the report submitted pursuant to subdivision (b) and determine whether the number, location, and design of the wells and the soiling testing could detect any leachate buildup, leachate migration, or hazardous waste migration. If the regional board determines that the monitoring program could detect the leachate and hazardous waste, the regional board shall take the action specified in subdivision (e). If the regional board determines that the monitoring program was inadequate, the regional board shall require the solid waste disposal site to correct the monitoring program and resubmit the solid waste assessment test based upon the results from the corrected monitoring program.

(e) The regional board shall examine the approved solid waste assessment test report and determine whether any hazardous waste migrated into the water. If the regional board determines that hazardous waste has migrated into the water, it shall notify the State Department of Health Services and the California Waste Management Board and shall take appropriate remedial action pursuant to Chapter 5 (commencing with Section 13300).

(f) When a regional board revises the waste discharge requirements for a solid waste disposal site, the regional board shall consider the information provided in the solid waste assessment test report and any other relevant site-specific engineering data provided by the site operator for that solid waste disposal site as part of a report of waste discharge.

(Added by Stats.1984, c. 1532, § 6. Amended by Stats.1986, c. 971, § 3.)

Library References
Health and Environment ⇐25.5(5.5), 25.7(1).
C.J.S. Health and Environment §§ 91.92 to 109, 125 to 131.

Underline indicates changes or additions by amendment

§ 13273.1. Solid waste assessment questionnaires

(a) Except as provided in subdivision (b), an operator of a solid waste disposal site may submit a solid waste assessment questionnaire to the appropriate regional board at least 24 months prior to the site's solid waste water quality assessment test due date as established pursuant to Section 13273. The regional board shall require the operator to submit any additional information, as needed, or require onsite verification of the solid waste assessment questionnaire data in order to render a decision pursuant to subdivision (c).

(b) Any solid waste disposal site which is larger than 50,000 cubic yards or is known or suspected to contain hazardous substances, other than household hazardous wastes, shall be prohibited from submitting a solid waste assessment questionnaire under this section.

(c) The regional board shall complete a thorough analysis of each solid waste assessment questionnaire submitted pursuant to this section by a date 18 months prior to the solid waste assessment test due date. Based upon this analysis, the regional board shall determine whether or not the site has discharged hazardous substances which will impact the beneficial uses of water. If the regional board determines that the site has not so discharged hazardous substances, the regional board shall notify the operator that the operator is not required to prepare a solid waste water quality assessment test pursuant to Section 13273.

(d) If the regional board does not make the determination specified in subdivision (c), the operator shall submit all, or a portion of, a solid waste water quality assessment test. The regional board shall notify the operator of this determination and indicate if all, or what portion of, a solid waste water quality assessment test shall be required. The operator shall submit the solid waste water quality assessment test, or a portion thereof, by the date established pursuant to Section 13273.

(e) The state board shall develop a solid waste assessment questionnaire and guidelines for submittal no later than three months after the effective date of this statute adding this section. The questionnaire shall contain, but not be limited to, a characterization of the wastes, size of the site, age of the site, and other appropriate factors.

(f) Those operators of solid waste disposal sites listed by the state board pursuant to Section 13273 in Rank 3 and seeking an exemption under this section shall submit their solid waste assessment questionnaire no later than July 1, 1988. If the regional board does not make the determination specified in subdivision (c), the regional board shall require the operator to submit all, or a portion of, a solid waste water quality assessment test by July 1, 1990.

(Added by Stats.1987, c. 932, § 2, eff. Sept. 22, 1987.)

§ 13273.2. Reevaluation of solid waste disposal site status; requirement to submit or revise solid waste water quality assessment test

Notwithstanding subdivision (b) of Section 13273.1, a regional board may reevaluate the status of any solid waste disposal site ranked pursuant to Section 13273, including those sites exempted pursuant to Section 13273.1, and may require the operator to submit or revise a solid waste water quality assessment test after July 1, 1989. The regional board shall give written notification to the operator that a solid waste assessment test is required and the due date. This section shall not require submittal of a solid waste water quality assessment test by a date earlier than established in accordance with Section 13273.

(Added by Stats.1987, c. 932, § 3, eff. Sept. 22, 1987.)

§ 13273.3. Operator defined

As used in Sections 13273, 13273.1, and 13273.2, "operator" means a person who operates or manages, or who has operated or managed, the solid waste disposal site. If the operator of the solid waste disposal site no longer exists, or is unable, as determined by the regional board, to comply with the requirements of Section 13273, 13273.1, or 13273.2, "operator" means any person who owns or who has owned the solid waste disposal site.

(Added by Stats.1987, c. 932, § 4, eff. Sept. 22, 1987.)

Asterisks * * * indicate deletions by amendment

ARTICLE 2. NONAGRICULTURAL BURNING

Section
41805.5. Solid waste air quality assessment test report; contents; questionnaires; exemptions.

§ 41805.5. Solid waste air quality assessment test report; contents; questionnaires; exemptions

(a) Except as provided in subdivisions (b) and (c), the operator of a solid waste disposal site shall submit to the district on or before July 1, 1987, a solid waste air quality assessment test report that contains all of the following:

(1) Test results to determine if there is any underground landfill gas migration beyond the solid waste disposal site's perimeter.

(2) Analyses for specified air contaminants in the ambient air adjacent to the solid waste disposal site to determine the effect of the site on air quality.

(3) Chemical characterization test results to determine the composition of gas streams immediately above the solid waste disposal site, or immediately above the solid waste disposal site and within the solid waste disposal site, as appropriate, as determined by the district.

(4) Any other information which the district board may require, by emergency regulation.

The solid waste air quality assessment test report shall be prepared in accordance with the guidelines developed by the state board pursuant to subdivision (d).

(b) The operator of an inactive solid waste disposal site shall complete and submit the screening questionnaire, developed pursuant to subdivision (e), to the district on or before November 1, 1986, unless the operator is required to submit a report containing the same information specified in subdivision (a) pursuant to a federal, state, or district order, or unless exempted pursuant to subdivision (c). The district shall evaluate the submitted screening questionnaires in accordance with the guidelines developed pursuant to subdivision (e) and shall determine whether the operator of the site be required to submit all, or a portion of, the information required to be reported in a solid waste air quality assessment test report. The district shall notify the operator in writing on or before January 1, 1987, of the information identified in subdivision (a) to be submitted for the site. After receiving this notification, the operator of the inactive solid waste disposal site shall submit a solid waste air quality assessment test report containing the required information on or before January 1, 1988, to the district.

(c) A district may exempt from subdivisions (a) and (b) a solid waste disposal site or inactive solid waste disposal site which has accepted or now contains only inert and nondecomposable solids. To receive an exemption, the operator of the site shall submit, on or before November 1, 1986, a copy of all permits, all waste discharge requirements pertinent to the site, and any other data necessary for the district to determine whether an exemption should be granted to the site.

(d) On or before February 1, 1987, the state board, in coordination with the districts, shall develop and publish test guidelines for the solid waste air quality assessment report specifying the air contaminants to be tested for and identifying acceptable testing, analytical, and reporting methods to be employed in completing the report.

(e) On or before October 1, 1986, the state board, in coordination with the districts, shall develop and publish a screening questionnaire for inactive solid waste disposal sites and guidelines for evaluating the questionnaire by the districts pursuant to subdivision (b). The screening questionnaire and guidelines shall require an inactive solid waste disposal site to be evaluated based on the nature and age of materials in the site, the quantity of materials in the site, the size of the site, and other appropriate factors. The guidelines for evaluating the screening questionnaire shall require a district to weigh heavily the proximity of the site to residences, schools, and other sensitive areas, and to pay particular attention to potential adverse impacts on facilities such as hospitals and schools, and on residential areas, within one mile of the site's perimeter.

(f) A district may reevaluate the status of a solid waste disposal site, including sites exempted pursuant to subdivision (c), and require the operator to submit or revise a solid waste air quality assessment test report after January 1, 1987. The district shall give written notification to the operator of the solid waste disposal site that a solid waste air quality assessment test report is to be submitted, or that the existing report is to be revised, and the date by which the report is to be submitted.

Underline indicates changes or additions by amendment

(g) A district shall evaluate any solid waste air quality assessment test reports submitted pursuant to subdivisions (a), (b), and (f), and determine if the report's testing, analytical and reporting methods comply with the guidelines developed pursuant to subdivision (d). If the district determines that the solid waste air quality assessment test report complies with the guidelines, it shall evaluate the data. If the district determines, after evaluation of the report and consultation with the state department and the California Waste Management Board, that levels of one or more specified air contaminants pose a health risk to human beings or a threat to the environment, the district shall take appropriate remedial action.

(h) If a district determines that a solid waste air quality assessment test report does not comply with the guidelines developed pursuant to subdivision (d), the district shall provide the operator of the site with a written notice specifying the inadequacies of the report and shall require the operator to correct the deficiencies and resubmit the report by a date determined by the district.

(i) For the purpose of this section, the following definitions apply:

(1) "Inactive solid waste disposal site" means a solid waste disposal site which has not received any solid waste for disposal after January 1, 1984.

(2) "Landfill gas" means any untreated, raw gas derived through a natural process from the decomposition of organic waste deposited in a solid waste disposal site or from the evolution of volatile species in the waste.

(3) "Operator" means the person who operates or manages, or who has operated or managed, the solid waste disposal site. If the operator of the solid waste disposal site no longer exists, or is unable, as determined by the district, to comply with the requirements of this section, "operator" means any person who owns or who has owned the solid waste disposal site.

(4) "Perimeter" means the outer boundary of the entire solid waste disposal site property.

(5) "Solid waste disposal site" means a place, location, tract of land, area, or premises in use, or which has been used, for the landfill disposal of solid waste, as defined in Section 66719 of the Government Code, or hazardous waste, as defined in Section 66714.8 of the Government Code, or both.

(6) "Specified air contaminants" means substances determined to be air contaminants by the state board in coordination with the districts. The state board and the districts shall consider determining the following compounds to be air contaminants for purposes of this paragraph: benzene, chloroethene, 1,2-dibromoethane, 1,2-dichloroethane benzyl chloride, chlorobenzene, dichlorobenzene, 1,1-dichloroethene, dichloromethane, formaldehyde, hydrogen sulfide, tetrachloroethylene, tetrachloromethane, toluene, 1,1,1-trichloroethane, trichloroethylene, trichloromethane, xylene, and any other substance deemed appropriate by the state board or district.

(Added by Stats.1986, c. 1055, § 5, urgency, eff. Sept. 24, 1986. Amended by Stats.1987, c. 932, § 1, eff. Sept. 22, 1987.)

1986 Legislation.

Former § 41805.5 was repealed by Stats.1986, c. 1055, § 4, eff. Sept. 24, 1986.

Derivation: Former § 41805.5, added by Stats.1984, c. 1532, § 4.

Library References

Health and Environment ⇐25.5(5.5).

C.J.S. Health and Environment §§ 91.92 to 109, 129 to 131.

ARTICLE 5. GASOLINE VAPOR CONTROL

Section

41960.5. Leaded gasoline; pump nozzle spouts. [New]

Administrative Code References

Fuel dispensing units, industrial safety division, see 8 Cal.Adm.Code 5573.

§ 41956. Rules and regulations for certification; determination of creation of fire hazard; prevention of gasoline recirculation in fueling operations

Administrative Code References

Procedures for type approval and field compliance testing of vapor recovery systems, see 4 Cal.Adm.Code 4054 et seq.

Asterisks * * * indicate deletions by amendment

APPENDIX II

SITE STATUS FOR ALL RANK 1, 2, & 3 SITES

STATUS OF SWAT REPORTS
FOR FACILITIES IN
NORTH COAST REGION 1

SITE NAME / SITE OPERATOR / SITE ADDRESS / WDS ID NUMBER	SWIS NUMBER	REPORT DUE DATE	ANTIC REPORT SUBMIT DATE	REPORT REC'D DATE	REPORT TARGET REVIEW DATE	REPORT STATUS	REPORT RE-SUB DUE DATE	REPORT RE-SUB REC'D DATE	REPORT APPROVAL DATE	REMARKS
** RANK 1										
* COUNTY: DEL NORTE CRESCENT CITY LANDFILL DEL NORTE COUNTY OLD MILL ROAD CRESCENT CITY, CA 95531 1A770020DN	08-AA-0006	07/01/87	/ /	11/01/88	12/15/90	R	03/01/91	/ /	/ /	C&D Order adopted 1/28/88. Monitoring reveals VOCs in ground water leachate and surface water sample results due May, 1989. Operator failed to conduct leachate and surface water sampling during Winter 1989. Must sample in January 1990 with final report due March 1, 1990. WDRs updated 6/22/89 contain a finding that the landfill does not conform to Class II siting criteria. Time schedule established for closure.
* COUNTY: HUMBOLDT CITY GARBAGE COMPANY OF EUREKA LANDFILL CITY GARBAGE COMPANY END OF CUMMINGS RD EUREKA, CA 95501 1B791330HUM	12-AA-0005	07/01/87	/ /	07/01/87	/ /	A	/ /	/ /	01/19/88	Several VOCs and minerals are discharging from the site into ground water. Some are above DHS Action Levels. Operator is conducting ground water contyamination investigation and Corrective Action program.
ARCATA LANDFILL HUMBOLDT COUNTY MOUTH OF JOLLY GIANT SL. AT HUMB. BAY ARCATA, CA 1B88079NHU		07/01/87	/ /	05/17/89	/ /	A	/ /	/ /	08/04/89	
HUMBOLDT COUNTY-TABLE BLUFF LANDFILL HUMBOLDT COUNTY HWY 101 AND HOOKTON RD LOLETA, CA 95551 1B791010HUM	12-AA-0022	07/01/87	/ /	05/04/87	/ /	A	/ /	11/03/88	01/13/89	Site does not appear to be leaking hazardous wastes into ground water or surface water. Monitoring program updated 5/24/89.
LOUISIANA PACIFIC-SAMOA LANDFILL LOUISIANA PACIFIC CORPORATION WEST OF SAMOA MILL SAMOA, CA 95564 1B730610HUM	12-AA-0017	07/01/87	/ /	07/03/87	/ /	A	/ /	06/09/88	06/19/89	Leakage of non-hazardous minerals into shallow ground water.
* COUNTY: MENDOCINO UKIAH CITY LANDFILL CITY OF UKIAH VICHY SPRINGS RD 3 MI SE OF UKIAH UKIAH, CA 95482 1B750430MEN	23-AA-0019	07/01/87	/ /	02/01/88	/ /	A	/ /	09/27/88	10/19/88	Site has been found to be leaking low levels of VOCs into the ground water.

STATUS OF SWAT REPORTS
FOR FACILITIES IN
NORTH COAST REGION 1

SITE NAME SITE OPERATOR SITE ADDRESS WDS ID NUMBER	SWIS NUMBER	REPORT DUE DATE	ANTIC REPORT SUBMIT DATE	REPORT REC'D DATE	REPORT TARGET REVIEW DATE	REPORT STATUS	REPORT RE-SUB DUE DATE	REPORT RE-SUB REC'D DATE	REPORT APPROVAL DATE	REMARKS
MENDOCINO COUNTY-CASPAR LANDFILL MENDOCINO COUNTY END OF PRAIRIE WAY (ROAD 516A) CASPER, CA 95420 1B78125OMEN	23-AA-0003	07/01/87	/ /	12/15/87	/ /	A	/ /	01/26/88	04/18/88	Site has been found to be leaking low levels of VOCs into ground water. Operator doing confirmation sampling.
* COUNTY: SISKIYOU										
TULELAKE-SHEEPY RIDGE LANDFILL CITY OF TULELAKE SHEEPY RIDGE RD OFF HWY 161/7 MI NW TULELAKE, CA 96134 1A741410SIS	47-AA-0027	07/01/87	/ /	07/05/88	/ /	A	/ /	/ /	11/06/89	Site does not asppear to be leaking hazardous wastes into ground water or surface water. Wastes deposited at approximate elevation of ground water. Monitoring program and WDRs updated 5/24/89.
WEED LANDFILL CITY OF WEED ANGEL VLY ROAD EAST OF WEED WEED, CA 96094 1A801680SIS	47-AA-0019	07/01/87	/ /	07/05/88	/ /	A	/ /	/ /	08/18/89	No ground water found underlying site. Site does not appear to be discharging wastes into the ground water, vadose zone, or surface water. WDRs and Monitoring program updated 5/24/89.
* COUNTY: SONOMA										
SONOMA COUNTY-CENTRAL LANDFILL SONOMA COUNTY 3 MILES SW COTATI OFF HAMMELL&MEACHAM RD SANTA ROSA, CA 0 1B801490SON	49-AA-0001	07/01/87	/ /	06/29/87	/ /	A	/ /	/ /	07/02/87	Updated WDRs and Monitoring program on 2/22/89.
SONOMA COUNTY-HEALDSBURG LANDFILL SONOMA COUNTY 2 MILES N OF HEALDBURG OFF ALEXANDER VAL HEALDSBURG, CA 95448 1B750180SON	49-AA-0004	07/01/87	/ /	06/29/87	/ /	A	/ /	/ /	07/24/87	Ground water greater than 100 feet beneath site. Soil pore pressure too great for operation of vadose zone monitoring. Site closed August, 1989. Closure WDRs scheduled for May 25, 1990.
* COUNTY: TRINITY										
TRINITY COUNTY-WEAVERVILLE LANDFILL TRINITY COUNTY 1.5 MI NE OF WEAVERVILLE, OFF. HWY 3 WEAVERVILLE, CA 96093 1A801930TRI	53-AA-0013	07/01/87	/ /	09/14/89	04/01/91	R	03/01/91	/ /	/ /	Agencies (including AQM district) notified of violations/enforcement action. Cease & Desist Order adopted 1/28/88. Site know to have leaked a few low-level VOCs into the ground water.

STATUS OF SWAT REPORTS
FOR FACILITIES IN
NORTH COAST REGION 1

SITE NAME / SITE OPERATOR / SITE ADDRESS / WDS ID NUMBER	SWIS NUMBER	REPORT DUE DATE	ANTIC REPORT SUBMIT DATE	REPORT REC'D DATE	REPORT TARGET REVIEW DATE	REPORT STATUS	REPORT RE-SUB DUE DATE	REPORT RE-SUB REC'D DATE	REPORT APPROVAL DATE	REMARKS
** RANK 2										
* COUNTY: DEL NORTE										
DEL NORTE COUNTY-PESTICIDE STORAGE DEL NORTE COUNTY DEL NORTE AG COMISSIONERS OFFICE CRESCENT CITY, CA 95531 1 080001NUR		/ /	/ /	/ /	/ /	W	/ /	/ /	/ /	Superfund site currently in cleanup.
SIMPSON TIMBER COMPANY-KLAMATH WOODWASTE DISP SIMPSON TIMBER CO SIMPSON SAWMILL KLAMATH, CA 95331 1A770500DN	08-AA-0004	07/01/88	/ /	09/06/88	/ /	A	/ /	/ /	06/14/89	SWAT Report completed without written approval of proposal.
* COUNTY: HUMBOLDT										
SIMPSON TIMBER COMPANY-KORBEL WOODWASTE DISPO SIMPSON TIMBER COMPANY 1/4 MILE N OF SIMPSON LUMBER MILL KORBEL, CA 95550 1B751470HUM	12-AA-0029	07/01/88	/ /	09/06/88	/ /	A	05/01/89	/ /	06/15/89	SWAT Report prepared without written approval of proposal.
* COUNTY: MENDOCINO										
WILLITS CITY LANDFILL CITY OF WILLITS BERRY CREEK CANYON RD 4 1/2 MI NE OF WILLITS, CA 95490 1B751730MEN	23-AA-0021	07/01/88	/ /	04/26/89	/ /	A	10/15/89	12/19/89	05/03/90	SWAT Report lacking various items, Including some ground water and surface water sampling and report certification.
GEORGIA PACIFIC-FORT BRAGG WOODWASTE DISPOSAL GEORGIA PACIFIC 3 MI. EAST OF FORT BRAGG FORT BRAGG, CA 95437 1B810400MEN	23-AA-0005	07/01/88	/ /	07/01/88	10/01/90	U	/ /	/ /	/ /	Report returned for resampling surface water and ground water during winter 1988-89. Sampling not done. Will do this winter.
LOUISIANA PACIFIC-YORK RANCH WOODWASTE DISPOS LOUISIANA-PACIFIC CORPORATION 0.5 MI W OF CALPELLA CALPELLA, CA 95418 1B761300MEN	23-AA-0013	07/01/88	/ /	07/05/88	07/19/90	R	12/01/90	/ /	/ /	Report review has been pending for more than one year due to lack of staff time available to review.
MENDOCINO COUNTY-LAYTONVILLE LANDFILL MENDOCINO CO DEPT PUBLIC WORKS BRANSCOMB RD BEHIND COUNTY YARD		07/01/88	/ /	07/06/88	07/19/90	R	04/01/91	04/09/90	/ /	SWAT Report addendum returned on 6/22/89 for additional sampling and construction of one additional well. Well completed but Report not yet

STATUS OF SWAT REPORTS
FOR FACILITIES IN
NORTH COAST REGION 1

SITE NAME SITE OPERATOR SITE ADDRESS WDS ID NUMBER	SWIS NUMBER	REPORT DUE DATE	ANTIC REPORT SUBMIT DATE	REPORT REC'D DATE	REPORT TARGET REVIEW DATE	REPORT STATUS	REPORT RE-SUB DUE DATE	REPORT RE-SUB REC'D DATE	REPORT APPROVAL DATE	REMARKS
LAYTONVILLE, CA 95454 1B750500MEN	23-AA-0008									received.
MENDOCINO COUNTY-SOUTH COAST LANDFILL MENDOCINO COUNTY PUBLIC WORKS FISH ROCK ROAD AT LITTLE N FORK GUALALA, CA 0 1B770230MEN	23-AA-0018	07/01/88	/ /	07/06/88	06/01/90	R	04/01/91	/ /	/ /	Returned for resampling surface water and ground water during Winter 1988-89. Some monitoring wells still dry. May have to drill additional wells.
* COUNTY: SISKIYOU										
YREKA CITY LANDFILL CITY OF YREKA OBERLIN RD 2 MI SE OF YREKA, CA 96097 1A751500SIS	47-AA-0002	07/01/88	/ /	06/29/88	/ /	A	/ /	/ /	09/06/89	SWAT Report returned for surface water and leachate sampling.
* COUNTY: SONOMA										
LOUISIANA PACIFIC-CLOVERDALE WOODWASTE DISPOS LOUISIANA PACIFIC CORP 1/2 MI W OF HWY 101 ON KELLY ROAD CLOVERDALE, CA 95425 1B840640SON	49-AA-0011	07/01/88	/ /	07/05/88	12/31/90	U	/ /	/ /	/ /	
SONOMA COUNTY-ANNAPOLIS LANDFILL SONOMA CO DEPT OF PUBLIC WORKS 7 MI E OF HWY 1 OFF ANNAPOLIS RD ANNAPOLIS, CA 95401 1B780640SON	49-AA-0002	07/01/88	/ /	07/01/88	02/01/91	R	05/01/91	/ /	/ /	REPORT returned for additional sampling. Not received yet.
** RANK 3										
* COUNTY: DEL NORTE										
ARCATA REDWOOD COMPANY-SMITH RIVER WWDS NO. 3 SIMPSON TIMBER CO 1/4 MILE NORTH OF MILL SITE SMITH RIVER, CA 95567 1A831220DN	08-AA-0017	/ /	/ /	/ /	/ /	E	/ /	/ /	/ /	Exemption approved.
* COUNTY: HUMBOLDT										
MAKI, ALLEN WWDS ALLAN MAKI NE CORNER OF 12TH ST & KENMAR RD FORTUNA, CA 95540		07/01/89	/ /	07/21/89	/ /	A	/ /	/ /	04/10/90	

STATUS OF SWAT REPORTS
FOR FACILITIES IN
NORTH COAST REGION 1

SITE NAME / SITE OPERATOR / SITE ADDRESS / WDS ID NUMBER	SWIS NUMBER	REPORT DUE DATE	ANTIC REPORT SUBMIT DATE	REPORT REC'D DATE	REPORT TARGET REVIEW DATE	REPORT STATUS	REPORT RE-SUB DUE DATE	REPORT RE-SUB REC'D DATE	REPORT APPROVAL DATE	REMARKS
1B790480HUM	12-AA-0031									
EEL RIVER SAWMILL-MOZZETTI WWDS NO. 1 BAIRD ENGINEERING MOZZETTI FARM FORTUNA, CA 1B781450HUM	12-AA-0034	07/01/89	/ /	/ /	/ /	L	/ /	/ /	/ /	
EEL RIVER SAWMILL-MOZZETTI WWDS NO. 2 BAIRD ENGINEERING 1/2 MI N OF RIO DELL ON MOZZETTI DAIRY FORTUNA, CA 95540 1B85023RHUM		07/01/89	/ /	/ /	/ /	L	/ /	/ /	/ /	
HUMBOLDT COUNTY-BENBOW LANDFILL HUMBOLDT COUNTY S SIDE OF EEL RIVER ABOVE BENBOW DAM GARBERVILLE, CA 95440 1 120002NUR		/ /	/ /	/ /	/ /	E	/ /	/ /	/ /	Exemption approved.
PACIFIC LUMBER COMPANY-SCOTIA WWDS THE PACIFIC LUMBER COMPANY ABOVE WATER TANKS 1/4 MI E OF HWY 101 SCOTIA, CA 95565 1B751120HUM	12-AA-0013	07/01/89	07/01/91	/ /	/ /	L	/ /	/ /	/ /	
* COUNTY: MENDOCINO WILLITS CITY BURN DUMP (OLD) CITY OF WILLITS 4280 CANYON ROAD WILLITS, CA 95490 1 230001NUR		07/01/89	06/01/91	/ /	/ /	L	/ /	/ /	/ /	Due to financial constraints on the site operator, Regional Board staff has approved a SWAT proposal for a phased investigation and submittal of SWAT report on 6/1/91. Phase I report received 7/19/89. Chromium found in soil and ground water. Phase II report expected 4/1/90.
HARWOOD PRODUCTS-BRANSCOMB WWDS HARWOOD PRODUCTS .5 MI N BRANSCOMB, 750 FT W BUCK CREEK BRANSCOMB, CA 95417 1B770510MEN	23-AA-0007	07/01/89	/ /	09/25/89	/ /	R	03/01/91	/ /	/ /	Site does not appeat to be discharging hazardous wastes into water.
LOUISIANA PACIFIC-UKIAH WWDS LOUISIANA PACIFIC CORPORATION 7 MI W OF UKIAH, S SIDE INDUSTRIAL ROAD UKIAH, CA 1B840920MEN	23-AA-0015	07/01/89	/ /	09/27/89	05/01/91	P	/ /	/ /	/ /	

STATUS OF SWAT REPORTS
FOR FACILITIES IN
NORTH COAST REGION 1

SITE NAME SITE OPERATOR SITE ADDRESS WDS ID NUMBER	SWIS NUMBER	REPORT DUE DATE	ANTIC REPORT SUBMIT DATE	REPORT REC'D DATE	REPORT TARGET REVIEW DATE	REPORT STATUS	REPORT RE-SUB DUE DATE	REPORT RE-SUB REC'D DATE	REPORT APPROVAL DATE	REMARKS
LOUISIANA PACIFIC-CASPAR WOODWASTE DISPOSAL S LOUISIANA-PACIFIC CORPORATION 1.5 MI S OF CASPAR, 1 MI E OF HWY 1 CASPAR, CA 95420 1B770330MEN	23-AA-0011	07/01/89	/ /	07/31/89	03/01/91	P	/ /	/ /	/ /	
LOUISIANA PACIFIC-COVELO WOODWASTE DISPOSAL S LOUISIANA-PACIFIC CORPORATION 5 MI NE OF COVELO, NEXT TO SHORT CREEK COVELO, CA 95428 1B830510MEN	23-AA-0012	07/01/89	/ /	07/31/89	02/01/91	P	/ /	/ /	/ /	Site does not appear to be discharging hazardous wastes into water.

STATUS OF SWAT REPORTS
FOR FACILITIES IN
SAN FRANCISCO BAY REGION 2

SITE NAME / SITE OPERATOR / SITE ADDRESS / WDS ID NUMBER	SWIS NUMBER	REPORT DUE DATE	ANTIC REPORT SUBMIT DATE	REPORT REC'D DATE	REPORT TARGET REVIEW DATE	REPORT STATUS	REPORT RE-SUB DUE DATE	REPORT RE-SUB REC'D DATE	REPORT APPROVAL DATE	REMARKS
** RANK 1										
* COUNTY: CONTRA COSTA										
ACME FILL CORPORATION ACME FILL CORPORATION N END OF ARTHUR RD OFF HWY 680, HWY 4 MARTINEZ, CA 94533 2 071067003	07-AA-0002	07/01/87	/ /	08/19/87	10/01/90	U	12/31/89	12/28/89	/ /	Revised SWAT Proposal conditionally accepted.
IT CORPORATION-VINE HILL FACILITY IT CORPORATION 4575 PACHECO BOULEVARD MARTINEZ, CA 94553 2 071023001		07/01/87	/ /	08/31/87	06/01/88	A	/ /	/ /	08/25/88	Report is actually the result of a Cleanup & Abatement Order.
RICHMOND SANITARY SERVICE-WEST CONTRA COSTA L RICHMOND SANITARY SERVICE PARR BLVD AT GARDEN TRACT RICHMOND, CA 94802 2 071035002	07-AA-0001	07/01/87	/ /	07/01/87	10/01/88	A	/ /	/ /	06/15/88	
SHELL OIL COMPANY-MARTINEZ SHELL OIL COMPANY MARINA VISTA AVENUE MARTINEZ, CA 94553 2 071042002		07/01/87	/ /	06/22/87	02/01/91	P	12/31/89	12/29/89	/ /	
STAUFFER CHEMICAL-MARTINEZ STAUFFER CHEMICAL COMPANY 100 MOCOCO ROAD MARTINEZ, CA 94553 2 071045002		07/01/87	/ /	07/01/87	01/01/88	A	/ /	/ /	09/30/88	
U.S. STEEL CORPORATION-PITTSBURG DISPOSAL SIT U.S. STEEL CORPORATION LOVERIDGE RD BETWEEN SP & AT RAILROADS PITTSBURG, CA 94565 2 071059002	07-AI-0001	07/01/87	/ /	07/01/87	05/01/91	P	01/01/90	02/15/90	/ /	
* COUNTY: SANTA CLARA										
PALO ALTO CITY LANDFILL CITY OF PALO ALTO HALF MILE SE OF END EMBARCADERO PALO ALTO, CA 0 2 438070001	43-AM-0001	07/01/87	/ /	10/01/87	12/15/89	A	10/01/88	11/01/88	12/08/89	

STATUS OF SWAT REPORTS
FOR FACILITIES IN
SAN FRANCISCO BAY REGION 2

SITE NAME / SITE OPERATOR / SITE ADDRESS / WDS ID NUMBER	SWIS NUMBER	REPORT DUE DATE	ANTIC REPORT SUBMIT DATE	REPORT REC'D DATE	REPORT TARGET REVIEW DATE	REPORT STATUS	REPORT RE-SUB DUE DATE	REPORT RE-SUB REC'D DATE	REPORT APPROVAL DATE	REMARKS
SAN JOSE CITY PARKS SERVICES-SINGLETON ROAD L CITY OF SAN JOSE SINGLETON ROAD SAN JOSE, CA 2 438014001	43-AN-0004	07/01/87	/ /	06/16/87	07/01/90	R	05/15/91	/ /	/ /	
GUADALUPE RUBBISH DISPOSAL GUADALUPE RUBBISH DISPOSAL COMPANY OLD GUADALUPE MINES RD CAMDEN AVE SAN JOSE, CA 0 2 438068001	43-AA-0001	07/01/89	/ /	07/02/87	08/01/90	A	/ /	/ /	08/02/90	
BFI-NEWBY ISLAND LANDFILL INTERNATIONAL DISPOSAL CORP OF CA 1601 DIXON LANDING ROAD SAN JOSE, CA 95109 2 438047001	43-AN-0003	07/01/87	/ /	06/30/87	11/15/87	A	/ /	/ /	12/15/87	
JONES-HAMILTON JONES-HAMILTON 8400 ENTERPRISE DRIVE NEWARK, CA 94560 2 019109001		07/01/87	/ /	07/01/87	/ /	A	/ /	/ /	02/19/88	Considered the submitted HAR (for TPCA) equivalent to a SWAT Report.
MOUNTAIN VIEW CITY DPW-SHORELINE PARK LANDFIL LAIDLAW WASTE SYSTEMS NORTH END OF STIERLIN RD MOUNTAIN VIEW, CA 94043 2 438010002	43-AL-0001	07/01/87	11/23/88	02/01/88	02/01/90	A	/ /	/ /	02/02/90	
SUNNYVALE CITY LANDFILL SPECIALTY GARBAGE AND REFUSE I NORTHSIDE CARIBBEAN DR SUNNYVALE, CA 94086 2 438071001	43-AQ-0001	07/01/87	/ /	07/15/87	09/01/90	R	08/01/91	/ /	/ /	
STIERLIN ROAD DISPOSAL COMPANY STIERLIN ROAD DISPOSAL COMPANY NE STIERLIN RD & CRITTENDEN LN MOUNTAIN VIEW, CA 94042 2 438010002	43-AA-0002	07/01/87	03/01/88	12/01/88	02/01/90	A	/ /	/ /	02/02/90	This site was bought out by its neighbor, Mountain View Landfill in 1984.
* COUNTY: SOLANO IT CORPORATION-PANOCHE IT CORPORATION		07/01/87	/ /	08/03/87	/ /	A	/ /	/ /	09/30/88	

STATUS OF SWAT REPORTS
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LAKE HERMAN ROAD BENICIA, CA 94510 2 482017001										
US NAVY MARE ISLAND SANITARY LANDFILL SERVICE CONTRACT BRANCH PWD423 MARE ISLAND NAVAL SHPYRD VALLEJO, CA 94592 2 482011003	48-AA-0008	07/01/87	07/01/91	/ /	09/01/91	L	/ /	/ /	/ /	SWAT proposal conditionally accepted 07/07/89.
** RANK 2										
* COUNTY: ALAMEDA										
BFI-VASCO RD./EASTERN ALAMEDA COUNTY LANDFILL DePAOLI EQUIPMENT CO INC 4001 NO VASCO ROAD LIVERMORE, CA 94550 2 019086001	01-AA-0010	07/01/88	/ /	07/01/88	09/01/89	A	07/01/89	05/25/89	08/14/89	
US NAVY-NAS WEST BEACH SANITARY LANDFILL NAVAL FACILITIES ENGINEERING CMD. U.S. NAVAL AIR STATION ALAMEDA, CA 94501 2 019080001	01-AA-0004	07/01/88	05/01/91	/ /	/ /	L	/ /	/ /	/ /	
OAKLAND SCAVENGER-DAVIS STREET LANDFILL OAKLAND SCAVENGER COMPANY FOOT OF DAVIS STREET SAN LEANDRO, CA 94577 2 019029002	01-AA-0006	07/01/88	/ /	07/01/88	09/01/89	A	07/01/89	05/24/89	08/14/89	
* COUNTY: SANTA CLARA										
TIMBER COVE/WESTERN GRAVEL LANDFILL , CA 2 430001NUR		07/01/88	/ /	05/04/90	05/30/90	A	05/13/90	/ /	05/30/90	
SAN JOSE CITY-STORY ROAD LANDFILL CITY OF SAN JOSE EAST OF SAN JOSE SAN JOSE, CA 95110 2 000082620		07/01/88	/ /	07/11/88	/ /	P	11/15/89	03/08/90	/ /	
SANTA CLARA ALL PURPOSE LANDFILL		07/01/88	/ /	07/01/88	/ /	P	/ /	/ /	/ /	

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CITY OF SANTA CLARA, CITY HALL SOUTH OF HWY 237 OFF LAFAYETTE SANTA CLARA, CA 95050 2 438026001	43-AO-0001									
CUSTOMER UTILITY CUSTOMER UTILITY NORTH N SAN JOSE OFF BROKAW RD & COMMERCIAL WY SAN JOSE, CA 95112 2 000082600		07/01/88	03/01/91	/ /	/ /	L	/ /	/ /	/ /	Re-ranking requested.
SANTOS HOXIE ENTERPRISES SOUTH SIDE OF THE TOWN OF ALVISO ALVISO, CA 2 000082610		07/01/88	03/01/91	/ /	/ /	L	/ /	/ /	/ /	Re-ranking requested.
HWY 237 /MARSHLAND LANDFILL MARSHLAND DEVELOPMENT COMPANY NW HWY 237 AND GOLD ST ALVISO SAN JOSE, CA 0 2 438042001	43-AN-0004	07/01/88	/ /	07/01/88	/ /	R	05/01/91	/ /	/ /	
US NAVY-MOFFETT FIELD NAS SANITARY LANDFILL PUBLIC WORKS DEPT. NAVAL AIR STATION MOFFETT FIELD, CA 94035 2 438009001	43-AA-0005	07/01/88	04/01/89	03/30/89	/ /	U	/ /	/ /	/ /	
SANTA CLARA COUNTY-EASTSIDE LANDFILL SANTA CLARA COUNTY SE OF SAN JOSE , CA 2 00008026D		07/01/88	/ /	06/27/88	/ /	R	03/01/91	/ /	/ /	
ZANKER ROAD DISPOSAL & RECYCLING ZANKER ROAD LANDFILL , CA 2 438050001	43-AN-0007	07/01/88	/ /	07/01/88	/ /	U	/ /	/ /	/ /	
* COUNTY: SOLANO SOUTHAMPTON SOUTHAMPTON COMPANY NEAR BENECIA , CA		07/01/88	/ /	06/29/88	/ /	P	/ /	/ /	/ /	

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2 000020310										
** RANK 3										
* COUNTY: ALAMEDA										
TURK ISLAND SANITARY LANDFILL		07/01/89	/ /	06/30/89	/ /	P	/ /	/ /	/ /	
1000 FT W HALL RANCH RD AND UNION CITY B UNION CITY, CA 94587 2 019098001	01-AA-0001									
PLEASANTON WASTE DISPOSAL SITE PLEASANTON GARBAGE SERVICE 2515 VINEYARD AVE PLEASONTON, CA 94566 2 019106001	01-AA-0020	07/01/89	07/01/91	04/03/90	/ /	L	/ /	/ /	/ /	
* COUNTY: CONTRA COSTA										
CHEVRON CHEMICAL COMPANY-OLD SITES CHEVRON , CA 2 071007002		07/01/89	/ /	12/20/85	/ /	W	/ /	/ /	08/18/89	Considered the submitted HAR (for TPCA) equvalent to a SWAT report.
CHEVRON USA-OLD SITES CHEVRON USA , CA 2 071044002		07/01/89	/ /	05/25/89	/ /	P	/ /	/ /	/ /	
TOSCO-OLD SITES TOSCO , CA 2 071048002		07/01/89	/ /	06/30/89	/ /	P	/ /	/ /	/ /	
UNION OIL LANDFARM-OLD SITE UNION OIL COMPANY , CA 2 070001NUR		07/01/89	/ /	07/01/88	/ /	P	/ /	/ /	/ /	
* COUNTY: MARIN										
HAMILTON FIELD		07/01/89	/ /	08/01/87	/ /	P	/ /	/ /	/ /	

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HAMILTON FIELD , CA 2 215008002										
SAN QUENTIN DISPOSAL SITE SAN QUENTIN DISPOSAL CO 1615 FRANCISCO BLVD SAN RAFAEL, CA 94902 2 215049001	21-AA-0003	07/01/89	/ /	02/12/88	/ /	P	/ /	/ /	/ /	
* COUNTY: SAN FRANCISCO US NAVY-HUNTER'S POINT US NAVY NEAR SPEAR & CRISP AVES. , CA 2 38602001		07/01/89	07/01/91	/ /	/ /	L	/ /	/ /	/ /	
* COUNTY: SAN MATEO SAN MATEO COUNTY SCAVENGER-OX MOUNTAIN LANDFI SAN MATEO COUNTY DISTRICTBROWNING-F TWO MI EAST HALF MOON BAY OFF HWY 92 HALF MOON BAY, CA 94019 2 417053001	41-AA-0002	07/01/89	/ /	07/05/89	05/01/90	A	12/01/89	12/29/89	05/10/90	
* COUNTY: SANTA CLARA G & M CONSTRUCTION-MARTIN SITE , CA 2 430002NUR		07/01/89	08/15/89	07/31/89	/ /	P	/ /	/ /	/ /	
ROBERT ROAD LANDFILL CITY OF SAN JOSE , CA 2 430003NUR		07/01/89	08/15/89	07/31/89	/ /	P	/ /	/ /	/ /	

STATUS OF SWAT REPORTS
FOR FACILITIES IN
CENTRAL COAST REGION 3

SITE NAME / SITE OPERATOR / SITE ADDRESS / WDS ID NUMBER	SWIS NUMBER	REPORT DUE DATE	ANTIC REPORT SUBMIT DATE	REPORT REC'D DATE	REPORT TARGET REVIEW DATE	REPORT STATUS	REPORT RE-SUB DUE DATE	REPORT RE-SUB REC'D DATE	REPORT APPROVAL DATE	REMARKS
** RANK 1										
* COUNTY: MONTEREY FORT ORD LANDFILL HEADQUARTERS 7TH INFANTRY FORT ORD FORT ORD, CA 93941 3 270301004	27-AA-0015	07/01/87	/ /	/ /	/ /	W	/ /	/ /	/ /	Cleanup & Abatement Order #86-317 issued 11/6/86 to verify waste constituents in groundwater. Site has been included in Superfund program due to contamination.
MARINA LANDFILL MARINA CLASS III LANDFILL 2 MILES N OF MARINA & 1 MI E OF HWY 1 MARINA, CA 93933 3 270303001	27-AA-0010	07/01/87	/ /	07/01/87	06/10/88	A	/ /	/ /	06/02/88	Installation of additional monitoring wells in progress. Futher definition of contamination underway.
* COUNTY: SAN BENITO JOHN SMITH LANDFILL SAN BENITO COUNTY JOHN SMITH ROAD HOLLISTER, CA 95023 3 350300001	35-AA-0001	07/01/87	/ /	07/01/87	11/30/87	A	/ /	/ /	01/11/88	C&A Order 88-31 issued 2/3/88 to identify vertical and lateral contaminant plume by June 1988. EPA has assumed lead agency for characterization and cleanup of landfill, under RCRA authority, 3008(h) authority.
TELEDYNE-MCCORMICK - SELPH TELEDYNE-McCORMICK-SELPH UNION ROAD , CA 3 352006001		07/01/87	/ /	/ /	/ /	N	/ /	/ /	/ /	Site is not subject to SWAT regulations.
* COUNTY: SANTA BARBARA CASMALIA RESOURCES DISPOSAL SITE CASMALIA RESOURCES CASMALIA, CA 93429 3 420300001	42-AA-0004	07/01/87	/ /	07/01/87	01/22/88	A	/ /	/ /	02/12/88	Site leaking hazardous waste into ground water. C&A Order 88-76
* COUNTY: SANTA CRUZ SANTA CRUZ CITY LANDFILL PUBLIC WORKS DEPARTMENT DIMEO LANE SANTA CRUZ, CA 95060 3 440301001	44-AA-0001	07/01/87	/ /	07/02/87	04/08/88	A	/ /	/ /	04/18/88	Site is not known to be leaking.

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** RANK 2										
* COUNTY: MONTEREY										
HUNTER LIGGETT LANDFILL HEADQUARTERS 7TH INFANTRY HUNTER LIGGETT MILITARY RESERVATION FT HUNTER LIGGETT, CA 0 3 270301005	27-AA-0013	07/01/88	/ /	06/30/88	03/15/91	U	/ /	/ /	/ /	
SAN ARDO NO. 2 MONTEREY COUNTY CATTLEMAN ROAD SAN ARDO, CA 93450 3 270300006	27-AA-0054	07/01/88	07/18/88	07/08/88	09/29/89	A	/ /	/ /	09/29/89	
RANCHO LOS LOBOS RANCHO LOS LOBOS, INC. HWY 101 SAN ARDO, CA 93450 3 270305001	27-AA-0075	07/01/88	/ /	06/14/88	06/30/91	R	01/30/91	/ /	/ /	SWAT re-submittal currently under review in conjunction with the HAR for toxic pits clean-up act. Report returned again; addtional site characterization needed, specifically hydrogeology.
LEWIS ROAD LANDFILL RURAL DISPOS-ALL SERVICE LEWIS RD., 2 MILES W. OF SAN MIGUEL RD. WATSONVILLE, CA 95076 3 270300004	27-AA-0003	07/01/88	07/08/88	07/08/88	12/15/91	P	/ /	/ /	/ /	
CRAZY HORSE LANDFILL SALINAS DISPOSAL SERVICE, INC. CRAZY HORSE RD., N OF PRUNEDALE PRUNEDALE, CA 93901 3 270304001	27-AA-0007	07/01/88	07/08/88	06/29/88	09/15/88	A	/ /	/ /	11/30/88	Site has been known to be leaking since January 1985. Contaminant investigation and corrective measures have been on-going since 1986. The Regional Board adopted WDRs for site clean-up (Order No. 88-17) on 9/16/88. The ground water clean-up system is in place and operating effectively.
* COUNTY: SANTA BARBARA										
SANTA MARIA LANDFILL CITY OF SANTA MARIA 2065 E. MAIN ST SANTA MARIA, CA 93454 3 420304001	42-AA-0016	07/01/88	/ /	07/01/88	06/30/91	U	04/15/90	04/15/90	/ /	Returned, incomplete report, no conclusions or sufficient analytical data. Have extended original due date, because of contracting problems of the city. Second round of ground water samples to be obtained 9/25/89. Permanent pumps and sampling equipment to be installed by 11/1/89 for remaining monitoring periods. ACL adopted by Regional Board on November 17,1989. City submitted complete SWAT report on April 15, 1990. Sampling identified low

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										level contamination. Letter sent to City to establish verfication monitoring program to determine extent of contamination. Final review of swat report is expected by 06/30/90.
FOXEN CANYON LANDFILL SANTA BARBARA COUNTY 2.5 MILES NORTH OF HI 154, FOXEN CAN RD. LOS OLIVOS, CA 93441 3 420301002		07/01/88	12/15/88	12/27/88	10/01/91	P	11/11/11	/ /	/ /	Board issued ACL for late submittal. County appealed Board action to State Board. Appeal was turned down, County now has appealed to Superior Court. Existing downgradient well is dry. County has installed additional well at site. Waiting for four quarters of analytical data.
SANTA BARBARA TRANSFER STATION SANTA BARBARA COUNTY 4330 CALLE REAL SANTA BARBARA, CA 3 420001NUR		07/01/88	12/15/88	12/30/88	12/15/91	P	11/11/11	/ /	/ /	Board issued ACL for late submittal. County appealed to State Board and State Board turned down. County has now appealed to Superior Court. Downgradient well(s) are dry. New wells are installed. Waiting for four quarters of analytical data.
* COUNTY: SANTA CRUZ BUENA VISTA LANDFILL SANTA CRUZ COUNTY TWO AND HALF MILES WEST OF WATSONVILLE WATSONVILLE, CA 95076 3 440300002	44-AA-0004	07/01/88	/ /	07/01/88	12/01/90	A	05/15/90	05/15/90	09/14/90	Report returned, site characterization incomplete. Request for work plan by 5/12/89 and complete report by 10/1/89. Submittal of report will be delayed until 1/15/90. Further delay due to earthquake. Report has been turned in 05/15/90 review will be completed by 12/90. No leakage identified. Monitoring program was modified earlier, no changes necessary. Waste discharge requirements were modified 01/90, no changes necessary.
* COUNTY: VENTURA OZENA MODIFIED LANDFILL VENTURA REG. SAN. DIST. LOCKWOOD-OZENA RD. LOCKWOOD, CA 93932 3 560307002	56-AA-0006	07/01/88	07/08/88	07/06/88	09/15/89	A	/ /	/ /	09/18/89	

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** RANK 3										
* COUNTY: MONTEREY										
LAGUNA SECA MONTEREY REGIONAL WASTE MANAGEMENT SOUTH OF FORT ORD , CA 3 270000N02		07/01/89	/ /	07/03/89	06/30/91	U	/ /	/ /	/ /	
* COUNTY: SAN LUIS OBISPO										
PASO ROBLES CITY LANDFILL CITY OF PASO ROBLES HWY. 46 PASO ROBLES, CA 93446 3 400302001	40-AA-0001	07/01/89	/ /	07/11/89	06/30/91	U	06/15/90	06/15/90	/ /	Site submitted incomplete SWAT report. Additional wells and sampling are to be conducted over the next year to complete four quarters of data. SWAT report has been re-submited on 06/15/90. Final review is expected by 06/30/91.
LOS OSOS LANDFILL SAN LUIS OBISPO COUNTY TURRI ROAD LOS OSOS, CA 93406 3 400307001	40-AA-0007	07/01/89	/ /	08/11/87	01/15/89	A	/ /	/ /	03/15/89	Site has been known to be leaking since August,1987. Cleanup & Abatement Order 89-80 issued for investigation of extent of contamination. WDR's will be updated once investigation of contamination is complete. Closure of site to be completed by September 15, 1990.
* COUNTY: SANTA BARBARA										
LOMPOC CITY LANDFILL CITY OF LOMPOC 2.5 MILES SW OF LOMPOC, OFF W. OLIVE AVE LOMPOC, CA 93438 3 420305001	42-AA-0017	07/01/89	/ /	/ /	/ /	W	/ /	/ /	/ /	Report waived due to other information indicating leakage of hazardous waste constituents, although not hazardous waste. Technical Report submitted April 14,1989. Report review will be completed 12/15/90.
VANDENBERG LANDFILL US AIR FORCE VANDENBERG AIR FORCE BASE , CA 93437 3 420306001	42-AA-0012	07/01/89	06/20/89	06/22/89	08/21/89	A	12/01/89	12/04/89	12/15/89	SWAT Report indicated that contamination is occuring from landfill. Report only included two rounds of sampling data, and no ground water contour maps. Have requested this information for staff to consider report complete. VAFB has designed slurry wall and LCRS to control problem, however funding problems have stalled installation of system.
* COUNTY: SANTA CLARA										
PACHECO PASS LANDFILL SOUTH VALLEY REFUSE INC. NE BLOOMFIELD RD AND PACHECO PASS HWY		07/01/89	/ /	06/30/89	10/10/89	A	/ /	/ /	10/10/89	SWAT Report has identified leakage of hazardous waste constituents. Operator is conducting verification monitoring program to define extent of

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GILROY, CA 95020 3 430307001	43-AA-0004									contamination. Remedial action will be started once extent of contamination is defined.
SAN MARTIN SITE SOUTH VALLEY REFUSE INC. 14080 LLAGAS AVENUE , CA 3 430307002		07/01/89	/ /	/ /	/ /	E	/ /	/ /	/ /	
* COUNTY: SANTA CRUZ										
WATSONVILLE CITY LANDFILL CITY OF WATSONVILLE 250 MAIN ST. WATSONVILLE, CA 95076 3 440302001	44-AA-0002	07/01/89	/ /	06/30/89	02/01/91	P	/ /	/ /	/ /	SWAT report identified hazardous waste constituents in perched ground water. Insufficent ground water monitoring inplace. Operator has proposed to increase monitoring network. Operator to instigate verification monitoring program.
BEN LOMOND LANDFILL SANTA CRUZ COUNTY END OF NEWELL CREEK ROAD BEN LOMOND, CA 95005 3 440300001	44-AA-0003	07/01/89	10/20/89	10/20/89	05/01/91	A	06/15/90	/ /	03/15/90	Subchapter 15 monitoring wells have identified hazardous waste constituents in ground water. County has undertaken verfication monitoring study of problem. New wells were installed 12/89. Due to earthquake delay in completing report. County was under the impression that a SWAT report was not needed because of theirprevious findings of contaminated ground water beneath the site. However, no waiver request was submitted by the County for Regional Board action. Sufficent evidence exists to prove that leakage from the unit has caused groundwater contamination.

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LOS ANGELES REGION 4

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** RANK 1										
* COUNTY: LOS ANGELES										
AZUSA LANDFILL AZUSA LAND RECLAMATION CO. INC 1201 GLADSTONE AZUSA, CA 91702 4B190305001	19-AA-0013	07/01/87	/ /	06/30/87	/ /	A	/ /	/ /	08/24/88	Unable to determine if leaking because of upgradient pollution from other sources.
BKK LANDFILL-WEST COVINA BKK CORPORATION 2210 SOUTH AZUSA AVENUE WEST COVINA, CA 91790 4B190308006	19-AF-0001	07/01/87	/ /	07/01/87	/ /	A	/ /	/ /	10/26/88	
INDUSTRY HILLS LANDFILL CITY OF INDUSTRY 137 AZUSA STREET CITY OF INDUSTRY, CA 91744 4B190364001		07/01/87	05/01/91	11/20/87	06/30/91	P	08/01/90	/ /	/ /	ACL adopted 01/25/88 for $5,000 for late report. Revised their monitoring program. 3rd quarter rec 7/31/90.
SHELDON ARLETA LANDFILL CITY OF LOS ANGELES 12455 WICK STREET SUN VALLEY, CA 91352 4B190321003	19-AR-1170	07/01/87	/ /	07/01/87	/ /	A	03/01/88	03/01/88	02/09/90	Some wells were dry during SWAT Program. Additional quarterly monitoring requested.
CALABASAS LANDFILL COUNTY SAN DISTRICTS OF LA COUNTY 5300 LOST HILLS ROAD AGOURA, CA 91301 4B190322002	19-AA-0056	07/01/87	/ /	07/01/87	06/29/91	U	09/01/88	09/01/88	/ /	
MISSION CANYON LANDFILL NO. 8 COUNTY SAN DISTRICTS OF LA COUNTY 2201 N. SEPULVEDA BLVD. LOS ANGELES, CA 90049 4B190322003	19-AR-0500	07/01/87	/ /	07/31/87	/ /	A	03/01/89	07/01/88	05/10/90	
PALOS VERDES LANDFILL COUNTY SAN DISTRICTS OF LA COUNTY 26301 CRENSHAW BLVD ROLLING HILLS E, CA 90274 4 190001NUR	19-AE-0001	07/01/87	/ /	/ /	/ /	A	/ /	/ /	06/11/90	Site is leaking. Waiting for the result from DHS RI/FS study.
PUENTE HILLS LANDFILL		07/01/87	/ /	07/01/87	/ /	A	/ /	/ /	06/11/90	

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COUNTY SAN DISTRICTS OF LA COUNTY 2800 SOUTH WORKMAN MILL ROAD WHITTIER, CA 90607 4B190322006	19-AA-0053									
SCHOLL CANYON LANDFILL COUNTY SAN DISTRICTS OF LA COUNTY 7721 NO. FIGUEROA ST. LOS ANGELES, CA 90041 4B190322007	19-AA-0012	07/01/87	/ /	07/01/87	08/31/90	A	/ /	04/15/88	08/17/90	Currently under verification monitoring program.
SPADRA LANDFILL COUNTY SAN DISTRICTS OF LA COUNTY 4125 W. VALLEY BLVD WALNUT, CA 91789 4B190322008	19-AA-0015	07/01/87	/ /	07/01/87	/ /	A	/ /	/ /	02/09/90	Elevated VOCs found with very low BOD, increased CO2, possibly due to landfill gas.
CHIQUITA CANYON LANDFILL LAIDLAW WASTE SYSTEMS CHIQUITA, INC 29201 HENRY MAYO DR. NEWHALL, CA 91322 4A190359001	19-AA-0052	07/01/87	/ /	07/01/87	10/31/90	U	01/30/89	01/17/89	/ /	
NORWALK DUMP COMPANY-NORWALK DUMP NORWALK DUMP COMPANY 13774 E. IMPERIAL HIGHWAY SANTA FE SPRING, CA 90670 4B190330001	19-AI-0001	07/01/87	/ /	11/23/87	05/29/91	P	/ /	/ /	/ /	ACL adopted 01/25/88 for $10,000. Paid 2/11/88. Site is leaking. Need ACL.
OPERATING INDUSTRIES LANDFILL OPERATING INDUSTRIES INCORPORATED 1000 POTRERO GRANDE DRIVE MONTEREY PARK, CA 91754 4B190332001	19-AM-0001	07/01/87	/ /	/ /	/ /	W	/ /	/ /	/ /	NPL Superfund site. SWAT report waived 12/06/86.
OWL PARK LANDFILL OWL PARK CORPORATION 161 EAST LONGDEN AVENUE IRWINDALE, CA 91706 4B192489001	19-AA-0025	07/01/87	05/01/91	/ /	05/29/91	P	/ /	/ /	/ /	Operator issue resolved by new legislation (Section 13273.3) (see above).
CONROCK-BRADLEY AVENUE WEST LANDFILL VALLEY RECLAMATION COMPANY 9351 TUJUNGA AVE LOS ANGELES, CA 91352 4B190318002	19-AR-0008	07/01/87	/ /	07/01/87	04/29/91	R	07/01/91	/ /	/ /	Groundwater monitoring network was determined to be inadequate per Section 13273(d) CWC. Additional wells were installed. All four quarters of data on the new monitoring network will be submitted by 02/01/90. Not received by 4/9/90.

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ASCON LANDFILL WATSON ENERGY SYSTEMS 1612 BLINN AVE WILMINGTON, CA 90746 4B190303001	19-AR-0003	07/01/87	07/01/91	05/29/87	/ /	L	08/01/89	/ /	/ /	Operator has recently been identified (8/8/88). Need ACL.
* COUNTY: VENTURA										
COASTAL LANDFILL-OXNARD CITY CITY OF OXNARD 2501 NORTH VENTURA ROAD OXNARD, CA 93001 4A560306005	56-AA-0004	07/01/87	/ /	06/30/87	/ /	A	03/11/88	04/11/88	07/11/88	No remedial actions are proposed at this time.
US NAVY-PACIFIC MISSILE TEST CENTER DISPOSAL DEPARTMENT OF THE NAVY W OF CENTRAL ARM OF MUGU LAGOON POINT MUGU, CA 93042 4A560703001	56-AA-0008	07/01/87	07/01/91	/ /	/ /	L	/ /	/ /	/ /	Parallel program (NACIP) does not meet SWAT due dates. Staff will take appropriate enforcement action.
SIMI VALLEY LANDFILL SIMI VALLEY LANDFILL 111 EAST LOS ANGELES AVENUE SIMI VALLEY, CA 93065 4A560306001	56-AA-0007	07/01/87	/ /	07/01/87	06/29/90	U	/ /	04/19/88	/ /	Additional data submitted 04/19/88.
VENTURA RSD-BAILARD LANDFILL VENTURA REGIONAL SANITATION DIST 1/2 MI W OF VICTORIA ON GONZALES RD OXNARD, CA 93030 4A560300001	56-AA-0011	07/01/87	/ /	06/25/87	/ /	A	01/15/88	01/19/88	02/18/88	
VENTURA RSD-COASTAL LANDFILL VENTURA REGIONAL SANITATION DIST 4105 WEST GONZALES ROAD OXNARD, CA 93003 4A569005001		07/01/87	/ /	06/30/87	/ /	A	05/20/88	05/23/88	06/28/88	Unable to determine if leaking-adjacent to Santa Clara Landfill which is leaking.
** RANK 2										
* COUNTY: LOS ANGELES										
AMERON LANDFILL AMERON PIPE DIVISION 4635 FIRESTONE BLVD. SOUTH GATE, CA 90280		07/01/88	/ /	07/01/88	/ /	P	07/01/90	/ /	/ /	

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4B190362001	19-AA-0007									
SUNSHINE CANYON LANDFILL BROWNING FERRIS INDUSTRIES 14747 SAN FERNANDO ROAD SYLMAR, CA 91342 4B190329001	19-AR-0002	07/01/88	/ /	07/05/88	11/15/90	U	/ /	/ /	/ /	Final summary was due on 5/31/89.
PEBBLY BEACH LANDFILL-AVALON CATALINA DISPOSAL COMPANY SANTA CATALINA ISLAND AVALON, CA 90704 4B190304001	19-AA-0061	07/01/88	10/01/90	/ /	/ /	L	07/01/91	/ /	/ /	Operator confused; thought proposal was report. Also short on funding. Staff sent new SWAT guidance.
BURBANK CITY-STOUGH PARK LANDFILL CITY OF BURBANK 1600 LOCKHEED VIEW DR. BURBANK, CA 91510 4B190309001	19-AA-0040	07/01/88	/ /	06/27/88	/ /	A	12/30/88	12/30/88	04/16/90	
COMPTON CITY LANDFILL-ALONDRA DUMP CITY OF COMPTON ALONDRA STREET NEAR WILMINGTON ST COMPTON, CA 90224 4B190313001	19-AA-0011	07/01/88	/ /	06/29/88	11/15/90	U	/ /	/ /	/ /	Additional data was submitted on 4/14/89.
DUARTE CITY-FISH CANYON LANDFILL CITY OF DUARTE FISH CANYON DUARTE, CA 4B190352001		07/01/88	/ /	06/30/88	/ /	P	/ /	/ /	/ /	Last quarter data due by 3/90. Not received by 4/9/90.
BRAND PARK LANDFILL CITY OF GLENDALE 1601 WEST MOUNTAIN STREET GLENDALE, CA 91207 4B190360001	19-AA-0006	07/01/88	/ /	06/30/88	04/29/91	U	/ /	/ /	/ /	Additional data was submitted on 1/3/89.
BRANFORD STREET LANDFILL CITY OF LOS ANGELES 9701 SAN FERNANDO , CA 4B190321010		07/01/88	/ /	07/01/88	/ /	U	/ /	/ /	/ /	4th quarter received 10/30/90.
GAFFEY STREET LANDFILL CITY OF LOS ANGELES 1400 GAFFEY STREET		07/01/88	/ /	06/30/88	/ /	P	/ /	/ /	/ /	Awaiting additional data.

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SAN PEDRO, CA 4B190321002										
LOPEZ CANYON LANDFILL CITY OF LOS ANGELES 11950 LOPEZ CANYON ROAD PACOIMA, CA 91331 4B190321009	19-AR-0502	07/01/88	/ /	06/30/88	/ /	R	07/01/91	/ /	/ /	Reviewed completely with submitted data. Monitoring done inadequately. Operator should redo SWAT with Sub15 monitoring requirements. Letter sent out on 2/8/90.
TOYON CANYON LANDFILL CITY OF LOS ANGELES 5050 MT. HOLLYWOOD DRIVE LOS ANGELES, CA 90012 4B190321001	19-AR-0501	07/01/88	/ /	06/30/88	/ /	U	/ /	/ /	/ /	Additional data submitted 3/16/89.
SAN MARINO CITY LANDFILL CITY OF SAN MARINO 212 E LIVE OAK AVE IRWINDALE, CA 91706 4B190337001	19-AA-0027	07/01/88	09/01/90	/ /	/ /	U	09/01/90	09/21/90	/ /	
SAVAGE CANYON CITY OF WHITTIER 13919 EAST PENN STREET WHITTIER, CA 90601 4B190345001	19-AH-0001	07/01/88	/ /	07/01/88	06/29/90	U	/ /	/ /	/ /	Additional data submitted on 5/4/89.
L.A. BY-PRODUCTS-CONROCK--PENROSE PIT NO. 8 CONROCK COMPANY , CA 4B190320005	19-AR-0006	07/01/88	/ /	06/30/88	/ /	A	/ /	/ /	09/22/89	Leakage undetermined. However, values below action levels.
CALTRANS-WILLCO LANDFILL DEPARTMENT OF TRANSPORTATION 11760 WRIGHT ROAD LYNWOOD, CA 90262 4 190004NUR	19-AA-0041	07/01/88	/ /	06/28/88	06/29/90	U	/ /	/ /	/ /	
LOS ANGELES COUNTY SHERIFF-WAYSIDE HONOR RANC L.A. COUNTY DEPT. OF PUBLIC WORKS 29300 THE OLD SAUGUS ROAD SAUGUS, CA 91350 4A190322001	19-AA-0057	07/01/88	/ /	05/09/89	09/01/90	U	/ /	/ /	/ /	Last quarter received 2/29/90.
GARDENA VALLEY NO. 1 & NO. 2 LONDON PACIFIC INVESTMENT INC.		07/01/88	/ /	07/01/88	/ /	P	/ /	/ /	/ /	Awaiting additional data from DHS RI/FS. 1st quarter submitted by 5/1/90.

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101 WEST TORRANCE BOULVARD CARSON, CA 4 190006NUR										
L.A. BY-PRODUCTS-PENROSE PIT LANDFILL NO. 7 LOS ANGELES BY-PRODUCTS CO 8251 TUJUNGA AVE. LOS ANGELES, CA 90058 4B190320004	19-AR-0006	07/01/88	/ /	06/30/88	/ /	A	/ /	/ /	09/22/89	Leakage undetermined. However, values are below action levels.
VALLEY RECLAMATION COMPANY-HEWITT PIT NO. 6 LOS ANGELES BY-PRODUCTS CO. 7245 LAUREL CANYON ROAD NORTH HOLLYWOOD, CA 91605 4A190320003	19-AR-0007	07/01/88	/ /	06/16/88	/ /	U	/ /	/ /	/ /	
SCHOLL CANYON-INACTIVE LANDFILL LOS ANGELES COUNTY 3800 E GLENOAKS BLVD GLENDALE, CA 4 190453NUR		07/01/88	/ /	07/01/87	/ /	P	07/01/90	/ /	/ /	City of Glendale failed to submit 3 quarters. Started new monitoring program. Submitted 3rd quarter 5/1/90.
LOS ANGELES COUNTY SD-MISSION CANYON LANDFILL LOS ANGELES COUNTY SANITATION DIST. 2201 NORTH SEPULVEDA LOS ANGELES, CA 4 190008NUR	19-AR-0504	07/01/88	/ /	12/30/87	03/29/91	U	/ /	/ /	/ /	
LOS ANGELES COUNTY SD-MISSION CANYON LANDFILL LOS ANGELES COUNTY SANITATION DIST. 2201 NORTH SEPULVEDA BOULEVARD LOS ANGELES, CA 4 190009NUR	19-AR-0507	07/01/88	/ /	07/01/88	03/29/91	U	/ /	/ /	/ /	
MCA DEVELOPMENT COMPANY-UNIVERSAL CITY MCA DEVELOPMENT CO 100 UNIVERSAL CITY PLAZA UNIVERSAL CITY, CA 91608 4B190336001	19-AA-0049	07/01/88	/ /	06/30/88	/ /	R	07/01/91	05/15/90	/ /	SWAT Report reviewed and returned.
NU-WAY INDUSTRIES LANDFILL NU-WAY INDUSTRIES 400 EAST LIVE OAK AVENUE IRWINDALE, CA 91707 4B190331001	19-AA-0043	07/01/88	/ /	07/01/88	/ /	A	/ /	/ /	02/09/90	Undetermined source of contamination in Well MN-1. Additional investigation requested.
TUXFORD PIT LANDFILL		07/01/88	/ /	06/30/88	01/29/91	U	/ /	/ /	/ /	

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SAM ADLEN TUXFORD & GOLDEN STATE SUN VALLEY, CA 91604 4 190002NUR	19-AR-0009									
SOUTHWEST CONSERVATION INCORPORATED SOUTHWEST CONSERVATION INC. 20201 SOUTH MAIN CARSON, CA 4 190003NUR		07/01/88	10/01/90	/ /	/ /	L	/ /	/ /	/ /	Enforcement letter sent 7/28/88. Pending SWAT Proposal approval.
VALLEY RECLAMATION COMPANY-BENTZ LANDFILL VALLEY RECLAMATION COMPANY 11251 PENDLETON STREET SUN VALLEY, CA 4 190005NUR		07/01/88	/ /	07/01/88	/ /	A	/ /	/ /	02/09/90	Same as Valley Reclamation Company-Gregg Pit.
VALLEY RECLAMATION COMPANY-BRADLEY AVENUE EAS VALLEY RECLAMATION COMPANY 9229 TUJUNGA AVE LOS ANGELES, CA 91352 4B190318001	19-AR-0004	07/01/88	/ /	07/01/87	04/29/91	R	07/01/91	/ /	/ /	Groundwater monitoring network was determined to be inadequate per Section 13273(d) CWC. Additional wells were installed. All four quarters of data on the new monitoring network will be submitted by 02/01/90. Not received by 4/9/90.
VALLEY RECLAMATION COMPANY-GREGG PIT VALLEY RECLAMATION COMPANY 9050 BRADLEY AVENUE SUN VALLEY, CA 4 190007NUR		07/01/88	/ /	07/01/88	/ /	A	/ /	/ /	02/09/90	PCE in one well with slight increase of indicator parameter. PCE levels show high variability. Further monitoring requested.
VALLEY RECLAMATION COMPANY-SUN VALLEY NO. 3 VALLEY RECLAMATION COMPANY WICKS & GLEN OAKS SUN VALLEY, CA 4B190318003		07/01/88	07/01/91	07/01/87	04/29/91	R	07/01/91	/ /	/ /	Groundwater monitoring network was determined to be inadequate per Section 13273(d) CWC. Additional wells were installed. All four quarters of data on the new monitoring network will be submitted by 02/01/90. Not received by 4/9/90.
* COUNTY: VENTURA										
J.N.J. -S. T. CARNEY LANDFILL C/O MR. JACK JAMAR NE CORNER OR HARBOR BLVD. & WEST 5TH ST. OXNARD, CA 4A560303001		07/01/88	10/01/90	/ /	/ /	L	/ /	/ /	/ /	Pending SWAT Proposal approval.
J.N.J. DISPOSAL LANDFILL C/O MR. JACK JAMAR NE CORNER OF HARBOR BLVD & WEST 5TH ST OXNARD, CA		07/01/88	10/01/90	/ /	/ /	L	/ /	/ /	/ /	Pending SWAT Proposal approval.

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4A560302001										
SANTA PAULA CITY LANDFILL CITY OF SANTA PAULA PALM AVE AT SANTA CLARA RIVER SANTA PAULA, CA 4A560305001		07/01/88	/ /	07/01/88	/ /	U	/ /	/ /	/ /	
ELKINS RANCH BRINE SUMP NO. 1 ELKINS RANCH COMPANY S OF GUIBERSON 2 1/2 M SE FIGUORE , CA 4A560301001		07/01/88	/ /	06/27/88	02/28/91	U	/ /	/ /	/ /	Additional data submitted 7/3/89.
ELKINS RANCH BRINE SUMP NOS. 2, 3, 4, & 5 ELKINS RANCH COMPANY S OF GUIBERSON 2 1/2 M SE FIGUORE , CA 4A560301002		07/01/88	/ /	06/27/88	02/28/91	U	/ /	/ /	/ /	Additional data submitted 7/3/89.
ELKINS RANCH BRINE SUMP NOS. 6A, 6B, 6C, & 7 ELKINS RANCH COMPANY S OF GUIBERSON 2 1/2 M SE FIGUORE , CA 4A560301003		07/01/88	/ /	06/27/88	02/28/91	U	/ /	/ /	/ /	Additional data submitted 7/3/89.
ELKINS RANCH MAIN BRINE SUMP ELKINS RANCH COMPANY S OF GUIDERSON 2 1/2 M SE FIGUORE , CA 4A560301004		07/01/88	/ /	06/27/88	02/28/91	U	/ /	/ /	/ /	Additional data submitted 7/3/89.
GETTY OIL-SITE C TEXACO OIL CO. 1 MILE BEYOND END OF HALL CANYON ROAD VENTURA, CA 93003 4A560307001	56-AA-0009	07/01/88	/ /	07/07/88	12/29/90	U	/ /	/ /	/ /	
TOLAND ROAD LANDFILL VENTURA COUNTY RSD 3500 N. TOLAND ROAD SANTA PAULA, CA 93060 4A560306002	56-AA-0005	07/01/88	/ /	06/30/88	/ /	P	/ /	/ /	/ /	Awaiting additional data. Waiting installation of new wells.
VENTURA COUNTY RSD-EL RIO LANDFILL VENTURA COUNTY RSD S OF SANTA CLARA RIVER, OPP OF VINEYARD		07/01/88	/ /	06/30/87	/ /	A	03/11/88	04/11/88	07/11/88	Included in SWAT for Ventura County Santa Clara Landfill.

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, CA 4A560306006										
VENTURA COUNTY RSD-PIRU LANDFILL VENTURA COUNTY RSD TORTEY RD, N OF SANTA CLARA RIVER PIRU, CA 4A560306003		07/01/88	/ /	07/01/88	/ /	P	/ /	/ /	/ /	Awaiting last quarter of data. 3rd quarter received 2/7/90.
** RANK 3										
* COUNTY: LOS ANGELES										
BERADA CORPORATION-GARDENA VALLEY NO. 5 100 WEST TORRANCE BOULVARD CARSON, CA 4 190011NUR		07/01/89	/ /	07/20/89	/ /	P	/ /	/ /	/ /	Pending SWAT Proposal approval.
EDMISTON DUMP 189TH & FIGUEROA STREET WILMINGTON, CA 4 190013NUR		07/01/89	07/01/91	/ /	/ /	L	/ /	/ /	/ /	See above.
HARDWICK DISPOSAL 1501 BLINN AVENUE WILMINGTON, CA 4 190014NUR		07/01/89	/ /	07/27/89	/ /	U	/ /	/ /	/ /	Final data received 8/31/90.
101 DISPOSAL COMPANY 101 DISPOSAL COMPANY 25875 SOUTH NORMANDIE WILMINGTON, CA 4 190015NUR		07/01/89	/ /	07/10/89	/ /	P	/ /	/ /	/ /	Awaiting additional data.
ADAMS INDUSTRIES (CARSON-MARTIN ADAMS DUMP) ADAMS INDUSTRIES 213ST & DOLORS STREET CARSON, CA 4 190016NUR		07/01/89	07/01/91	/ /	/ /	L	/ /	/ /	/ /	See above.
ALAMEDA STREET ALAMEDA STREET 22700 South Alameda Street Carson, CA		07/01/89	07/01/91	/ /	/ /	L	/ /	/ /	/ /	See above.

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4 190017NUR										
AMERICAN DISPOSAL-LOS ANGELES NO. 1 AMERICAN DISPOSAL COMPANY 731 WEST 182ND STREET LOS ANGELES, CA 4 190018NUR		07/01/89	/ /	10/06/89	/ /	U	/ /	/ /	/ /	Final data received 7/24/90.
ARMCO STEEL COMPANY-TORRANCE ARMCO STEEL COMPANY 20950 SOUTH ROYAL BOULVARD TORRANCE, CA 90501 4B190302001		07/01/89	/ /	06/30/89	/ /	P	/ /	/ /	/ /	Awaiting additional data.
BERADA CORPORATION-GARDENA VALLEY NO. 4 BERADA CORPORATION 801 TORRANCE CARSON, CA 4 190010NUR		07/01/89	/ /	09/08/89	/ /	P	/ /	/ /	/ /	Submittal pending SWAT Proposal approval.
BERADA CORPORATION-GARDENA VALLEY NO. 6 BERADA CORPORATION 213TH STREET CARSON, CA 4 190012NUR		07/01/89	/ /	08/15/89	/ /	P	/ /	/ /	/ /	Awaiting 3 quarters of data. 1st. Qtr rec. 5/24/90.
VAIL AVENUE DISPOSAL SITE (FORMERLY BETHLEHEM BETHLEHEM STEEL 845 VAIL AVENUE MONTEBELLO, CA 90640 4B190307001	19-AA-0014	07/01/89	/ /	07/26/89	/ /	P	/ /	/ /	/ /	Submittal pending SWAT Proposal approval.
BKK CORPORATION-CARSON BKK CORPORATION 19200 SOUTH MAIN CARSON, CA 4 190020NUR		07/01/89	/ /	08/10/89	/ /	P	/ /	/ /	/ /	Sumittal pending SWAT Proposal approval.
BROADWAY--MAIN BROADWAY-MAIN 19101 South Main Street Carson, CA 4 190023NUR		07/01/89	07/01/91	/ /	/ /	L	/ /	/ /	/ /	See above.
CALIFORNIA BY-PRODUCTS-CARSON CALIFORNIA BY-PRODUCTS 2241 EAST CARSON STREET		07/01/89	/ /	06/27/90	/ /	P	/ /	/ /	/ /	2nd Qtr rec. 06/27/90.

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CARSON, CA 4 190022NUR										
CASSIDY-TORRANCE (KNOWN AS DE PORTOLLA PARK) CASSIDY 3300 NEWTON STREET TORRANCE, CA 4 190024NUR		07/01/89	/ /	/ /	/ /	N	/ /	/ /	/ /	
CHANDLER SAND AND GRAVEL COMPANY LANDFILL CHANDLER SAND AND GRAVEL COMPANY 26311 NARBONNE AVE. ROLLING HILLS ESTATES, CA 90274 4B190312001	19-AE-0004	07/01/89	/ /	07/03/89	/ /	P	/ /	/ /	/ /	Awaiting additional data.
CITY DISPOSAL COMPANY-HARBOR DUMP CITY DISPOSAL COMPANY 1304 E. LOMITA BLVD. WILMINGTON, CA 90744 4B190316001	19-AR-0005	07/01/89	/ /	06/30/89	/ /	P	/ /	/ /	/ /	Awaiting additional data.
CITY DUMP & SALVAGE NO. 2 CITY DUMP & SALVAGE 6501 PACIFIC COAST HIGHWAY LONG BEACH, CA 4 190019NUR		07/01/89	/ /	06/30/89	/ /	P	/ /	/ /	/ /	Awaiting additional data.
CITY DUMP & SALVAGE NO. 3-LONG BEACH CITY DUMP & SALVAGE NO. 3-LONG BEAC , CA 4 190021NUR		07/01/89	/ /	06/30/89	/ /	P	/ /	/ /	/ /	Awaiting additional data.
CITY DUMP & SALVAGE NO. 1 CITY DUMP AND SALVAGE 6363 PACIFIC COAST HIGHWAY LONG BEACH, CA 4 190025NUR		07/01/89	/ /	06/30/89	/ /	P	/ /	/ /	/ /	Awaiting additional data.
LOS ANGELES CITY-BISHOPS CANYON LANDFILL CITY OF LOS ANGELES 929 ACADEMY DRIVE LOS ANGELES, CA 4 190026NUR		07/01/89	/ /	07/10/89	/ /	U	/ /	/ /	/ /	Final data received 9/19/90.
TORRANCE CITY LANDFILL CITY OF TORRANCE		07/01/89	/ /	07/02/90	/ /	P	/ /	/ /	/ /	3rd Qtr rec. 07/02/90.

STATUS OF SWAT REPORTS
FOR FACILITIES IN
LOS ANGELES REGION 4

SITE NAME SITE OPERATOR SITE ADDRESS WDS ID NUMBER	SWIS NUMBER	REPORT DUE DATE	ANTIC REPORT SUBMIT DATE	REPORT REC'D DATE	REPORT TARGET REVIEW DATE	REPORT STATUS	REPORT RE-SUB DUE DATE	REPORT RE-SUB REC'D DATE	REPORT APPROVAL DATE	REMARKS
1800 PLAZA DeLAMO TORRANCE, CA 4 190027NUR										
CLAREMONT LANDFILL CONROCK COMPANY 101 NORTH MILLS AVENUE CLAREMONT, CA 91711 4B190314001	19-AJ-0001	07/01/89	/ /	07/03/89	/ /	P	/ /	/ /	/ /	Awaiting 3 quarters of data.
CONROCK-CALMAT LANDFILL CONROCK COMPANY PEORIA AND GLENOAKS LOS ANGELES, CA 90051 4B190318003	19-AR-1160	07/01/89	/ /	07/01/88	/ /	U	/ /	/ /	/ /	
DAIRY VALLEY LAND RECLAMATION PROJECT DAIRY VALLEY LAND RECLAMATION 20000 SOUTH BLOOMFIELD AVENUE CERRITOS, CA 4 190028NUR		07/01/89	/ /	06/30/89	/ /	P	/ /	/ /	/ /	Pending SWAT Proposal approval.
CADILLAC/FAIRVIEW SITE FAIRVIEW CADILLAC VERMONT & DELAMO , CA 4 190029NUR		07/01/89	07/01/91	/ /	/ /	L	/ /	/ /	/ /	Enforcement letter sent 7/14/89. Pending SWAT Proposal approval.
HARDWICK DISPOSAL PIT NO. 44 HARDWICK 22620 SOUTH ALAMEDA STREET CARSON, CA 4 190040NUR		07/01/89	07/01/91	/ /	/ /	L	/ /	/ /	/ /	See above.
CHURCH DUMP-WILMINGTON HAYDEN CHURCH SANDLESON ST/BLINN AVE CARSON, CA 4 190031NUR		07/01/89	07/01/91	/ /	/ /	L	/ /	/ /	/ /	Enforcement letter sent 7/14/89.
KOBRA JR. INCORPORATED KOBRA JR., INC. 12027 GREENSTONE AVENUE SANTA FE SPRINGS, CA 4 190041NUR		07/01/89	/ /	06/15/90	/ /	P	/ /	/ /	/ /	Will submit SWAT Report combined with Kalico Dump No. 1 and No. 3 (Rank 4) by 7/1/90. 1st Qtr rec. 06/15/90.
L.A. BY PRODUCTS-SANTA FE SPRINGS SITE		07/01/89	07/01/90	/ /	/ /	P	/ /	/ /	/ /	1st quarter in 9/17/90. Property transaction

STATUS OF SWAT REPORTS
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L.A. BY-PRODUCTS COMPANY 9615 SOUTH NORWALK BOULVARD SANTA FE SPRINGS, CA 4 190037NUR										delayed SWAT monitoring.
L.A. BY-PRODUCTS-COMMERCE L.A. BY-PRODUCTS COMPANY 7136 EAST SLAUSSEN COMMERCE, CA 4 190034NUR		07/01/89	07/01/91	/ /	/ /	L	/ /	/ /	/ /	
L.A. BY-PRODUCTS-NORTH HOLLYWOOD L.A. BY-PRODUCTS COMPANY VICTORY & VINELAND NORTH HOLLYWOOD, CA 4 190035NUR		07/01/89	/ /	07/20/89	/ /	P	/ /	/ /	/ /	Enforcement letter sent 7/14/89. Pending SWAT Proposal approval.
L.A. BY-PRODUCTS-NEWBERRY L.A. BY-PRODUCTS COMPANY , CA 4 190038NUR		07/01/89	/ /	06/30/88	/ /	A	/ /	/ /	09/22/89	
PORT DISPOSAL COMPANY-MACCO PIT PORT DISPOSAL COMPANY , CA 4 190032NUR		07/01/89	/ /	07/10/89	/ /	P	/ /	/ /	/ /	Awaiting additional data.
PORT DISPOSAL COMPANY-BANNING PIT PORT DISPOSAL COMPANY 1702 EUBANK WILMINGTON, CA 4 190036NUR		07/01/89	/ /	07/10/89	/ /	P	/ /	/ /	/ /	Awaiting additional data.
PORT LAND RECLAMATION COMPANY PORT LAND RECLAMATION COMPANY 1402 EAST LOMITA BOULVARD WILMINGTON, CA 4 190033NUR		07/01/89	/ /	06/30/89	/ /	U	/ /	/ /	/ /	All data received 8/8/90.
WESTLAKE VILLAGE DUMP PRUDENTIAL INSURANCE COMPANY , CA 4B190361001		07/01/89	/ /	06/30/89	/ /	P	/ /	/ /	/ /	Awaiting additional data.

STATUS OF SWAT REPORTS
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SOUTHERN CALIFORNIA DISPOSAL COMPANY-GARDENA SOUTHERN CALIFORNIA DISPOSAL CO. 186TH & VERMONT GARDENA, CA 4 190039NUR		07/01/89	/ /	/ /	06/02/89	U	/ /	/ /	/ /	4th Quarter rec. 01/24/90.
SOUTHWEST STEEL ROLLING MILLS-CARSON NO. 2 SOUTHWEST STEEL ROLLING MILLS 19001 SOUTH BROADWAY CARSON, CA 4B190342001		07/01/89	/ /	08/10/89	/ /	P	/ /	/ /	/ /	Submittal pending SWAT Proposal approval.
SOUTHWEST STEEL ROLLING MILLS-CARSON NO. 1 SOUTHWEST STEEL ROLLING MILLS 19100 SOUTH FIGUEROA CARSON, CA 4B190342001		07/01/89	/ /	07/02/90	/ /	P	/ /	/ /	/ /	1st Qtr rec. 07/02/90.
CAL-COMPACT NO. 2 WORLD INDUSTRIAL CENTER 20300 SOUTH MAIN STREET CARSON, CA 90745 4 190030NUR		07/01/89	07/01/91	/ /	/ /	L	/ /	/ /	/ /	Principal Responsible Party bankrupted 1/90.

STATUS OF SWAT REPORTS
FOR FACILITIES IN
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(FRESNO BRANCH OFFICE)

SITE NAME / SITE OPERATOR / SITE ADDRESS / WDS ID NUMBER	SWIS NUMBER	REPORT DUE DATE	ANTIC REPORT SUBMIT DATE	REPORT REC'D DATE	REPORT TARGET REVIEW DATE	REPORT STATUS	REPORT RE-SUB DUE DATE	REPORT RE-SUB REC'D DATE	REPORT APPROVAL DATE	REMARKS
** RANK 1										
* COUNTY: FRESNO										
CHESTNUT AVE. LANDFILL BFI 12825 S. CHESTNUT AVE FRESNO, CA 93725 5D100302001	10-AA-0025	07/01/87	/ /	06/12/87	12/30/89	A	12/15/89	12/30/89	06/15/90	
FRESNO CITY LANDFILL FRESNO CITY PUBLIC WKS DEPT JENSEN & WEST AVENUES FRESNO, CA 93721 5D100306002	10-AA-0005	07/01/87	/ /	02/13/87	03/01/88	A	05/20/87	07/29/87	03/01/88	Facility placed on NPL 10/89; undergoing closure.
FRESNO COUNTY-MENDOTA-FIREBAUGH LANDFILL FRESNO CO PUBLIC WORKS DEPT 1/2 MI EAST OF BASS AVE MENDOTA, CA 93640 5D100307003	10-AA-0008	07/01/87	06/15/88	07/12/88	09/30/89	A	/ /	/ /	09/08/89	
FRESNO COUNTY-SOUTHEAST REGIONAL LANDFILL FRESNO CO PUBLIC WORKS DEPT 12716 E. DINUBA AVE. SELMA, CA 93662 5D100307007	10-AA-0011	07/01/87	05/01/88	06/07/88	09/07/88	A	10/15/88	11/02/88	09/06/89	Facility undergoing closure.
FRESNO COUNTY-BIG BLUE HILLS LANDFILL FRESNO COUNTY 1 MILE W OF HWY 33 NR OILFIELDS , CA 5D100307008		07/01/87	09/01/88	09/30/88	12/30/88	A	/ /	/ /	04/05/89	Closure/postclosure WDRs adopted 9/28/90.
* COUNTY: KERN										
CHEMICAL WASTE MANAGEMENT-BAKERSFIELD LANDFIL CHEMICAL WASTE MANAGEMENT, INC. N OF POSO CK, 1 MI E OF ROUND MTN RD & BAKERSFIELD GLENNVILLE RD., CA 5D152068001		07/01/87	/ /	07/01/87	07/01/91	P	03/15/89	03/15/89	/ /	Closure WDRs adopted 9-28-90.
ENVIRONMENTAL PROTECTION CORPORATION-EASTSIDE ENVIRONMENTAL PROTECTION CORP. ROUND MT. RD. MAGUNDEN, CA 0		07/01/87	04/01/92	/ /	06/01/92	L	/ /	/ /	/ /	Waiting for investigation report underway as part of RCRA closure.

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5D150313002	15-AA-0065									
LAIDLAW ENVIRONMENTAL SERVICES GSX N OF LOKERN RD, 4 MI.W. INTERSECT.RT. 58 7 MI. E OF BUTTONWILLOW, CA 5D152032001		07/01/87	/ /	07/02/87	07/01/90	P	01/15/88	01/19/88	/ /	No leakage detected in g.w. monitoring network. Additional wells will be constructed. Mostly Class II-1 surface impoundments to be clean-closed. Most info. to be provided under TPCA.
KERN COUNTY-MCFARLAND-DELANO LANDFILL KERN COUNTY DEPT. OF PUBLIC WORKS 3 MILES S. OF DELANO ON STRADLEY AVE. DELANO, CA 93215 5D150303010	15-AA-0063	07/01/87	/ /	09/17/87	01/30/88	A	/ /	/ /	01/15/88	FIVE ADDITIONAL MONITORING WELLS WERE INSTALLED 7/89; VERIFICATION MONITORING IN PROGRESS.
LIQUID WASTE MANAGEMENT-MCKITTRICK SITE LIQUID WASTE MANAGEMENT INTERSECTION OF HWY 58 AND 33 , CA 5D152041001		07/01/87	/ /	04/20/87	07/01/91	A	06/03/88	12/11/89	08/09/90	Notification sent 9 August 1990 indicating SWAT requirements have been fulfilled through HAR process.
SANTA FE ENERGY RESOURCES-WESTSIDE SWDS SANTA FE ENERGY CO. 2 MILES NW OF FELLOWS , CA 0 5D150305001	15-AA-0064	07/01/87	/ /	/ /	/ /	N	/ /	/ /	/ /	
* COUNTY: KINGS										
CHEMICAL WASTE MANAGEMENT-KETTLEMAN HILLS LAN CHEMICAL WASTE MANAGEMENT, INC. 1.5 MI N OF HWY 41, 6 MI SE OF AVENAL CA , CA 0 5D162008001	16-AA-0002	07/01/87	/ /	07/07/87	07/01/90	R	06/01/91	/ /	/ /	Initital Revision Completed 5/16/88. Results of vadose zone sampling to be submitted 9/90.
KINGS COUNTY-HANFORD CITY LANDFILL (OLD) KINGS COUNTY 7869 HOUSTON AVENUE HANFORD, CA 93230 5 160001NUR	16-AA-0006	07/01/87	/ /	07/14/87	/ /	A	/ /	/ /	11/30/87	VERIFICATION MONITORING SYSTEM INSTALLED; DATA UNDER REVIEW.
US NAVY-LEMOORE NAS LANDFILL U.S. NAVY NAVAL AIR STATION LEMOORE, CA 93245 5D160700002	16-AA-0005	07/01/87	04/01/91	/ /	07/01/91	L	/ /	/ /	/ /	SWAT STUDY TO BE CONDUCTED AS PART OF RI/FS

STATUS OF SWAT REPORTS
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(FRESNO BRANCH OFFICE)

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* COUNTY: MADERA										
MADERA COUNTY-FAIRMEAD LANDFILL MADERA DISPOSAL SYSTEMS 19170 AVE. 22 CHOWCHILLA, CA 93610 5C200300001	20-AA-0002	07/01/87	/ /	06/30/87	03/18/88	A	/ /	04/28/88	08/30/89	PCE DETECTED IN GW ABOVE MCL. WDR'S TO BE REVISED TO REFLECT EXPANSION AND VERIFICATION MONITORING PROGRAM.
* COUNTY: TULARE										
TULARE COUNTY-BALANCE ROCK LANDFILL TULARE CO REFUSE DISP. DEPT. COUNTY ROAD M9 BALANCE ROCK, CA 93277 5D540300001	54-AA-0010	07/01/87	/ /	07/20/87	07/01/90	R	04/01/91	/ /	/ /	REQUESTED WORK PLAN WITH TIME SCHEDULE TO COMPLETE ADDITIONAL WORK. The work plan requested was submitted and approved.
TULARE COUNTY-WOODLAKE LANDFILL TULARE CO REFUSE DISP. DEPT. COUNTY ROAD 208 WOODLAKE, CA 93286 5D540300010	54-AA-0007	07/01/87	/ /	07/23/87	05/01/88	A	/ /	/ /	05/03/88	ADDITIONAL G.W. SAMPLING REQUESTED. pH > 12.5 FOUND IN ONE WELL.
TULARE COUNTY-VISALIA LANDFILL TULARE CO REFUSE DISP. DEPT. CO. ROAD 80 VISALIA, CA 93277 5D540300009	54-AA-0009	07/01/87	/ /	07/03/87	05/01/88	A	/ /	/ /	04/29/88	When the report was reviewed, the definition of hazardous wastes differed from the current definintion. DHS and CIWMB were notified that hazardous wastes were leaking, although hazardous constituents were actually leaking. C&A Order adopted 6/27/90. Field work for C&A has begun (as of October 1990).
** RANK 2										
* COUNTY: FRESNO										
BFI-CHATEAU LANDFILL BROWNING-FERRIS INDUSTRIES CHATEAU FRESNO AND MUSCAT AVE. FRESNO, CA 93744 5D100315001	10-AA-0002	07/01/88	/ /	07/01/88	12/15/88	A	/ /	/ /	11/23/88	
CHEMICAL WASTE MANAGEMENT-COALINGA SITE CHEMICAL WASTE MANAGEMENT WEST OF TOWN COALINGA, CA 5D100305001		07/01/88	/ /	/ /	/ /	N	/ /	/ /	/ /	UNDERGOING CLOSURE

STATUS OF SWAT REPORTS
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CHEVRON USA-COALINGA SITE CHEVRON USA, INC. 4 MI NW OF COALINGA , CA 5D100320001		07/01/88	/ /	/ /	/ /	N	/ /	/ /	/ /	LAND TREATMENT. REQUEST DELETION.
CLOVIS CITY LANDFILL CITY OF CLOVIS 15679 AUBERRY ROAD CLOVIS, CA 93612 5C100303001	10-AA-0004	07/01/88	/ /	07/06/88	09/30/89	A	/ /	/ /	10/06/89	SWAT COMPLETED. Chapter 15 investigation is in progress. Revise WDR Target Date is 06-01-91.
T.H. AGRICULTURE AND NUTRITION COMPANY-MCKINL NORTH AMERICAN PHILIPS McKINLEY AVE , CA 5D100300001		07/01/88	/ /	/ /	/ /	W	/ /	/ /	/ /	
* COUNTY: KERN										
WILLIAM BROTHERS-ELK HILLS NORTH SITE BECHTEL PETROLEUM OPERATIONS 1 MI W OF ELK HILLS RD N OF SKYLINE , CA 5D152002003		07/01/88	/ /	06/30/88	07/01/91	P	/ /	/ /	/ /	
CHEVRON USA-BUENA VISTA/TAFT CHEVRON USA, INC. MIDWAY VALLEY , CA 5D150308003		07/01/88	/ /	/ /	/ /	N	/ /	/ /	/ /	REQUEST DELETION; LAND TREATMENT.
CHEVRON USA-KERTO CLASS CHEVRON USA, INC. 3 MI E OF MARICOPA , CA 5D150308002		07/01/88	/ /	/ /	/ /	N	/ /	/ /	/ /	REQUEST DELETION; LAND TREATMENT.
KERN COUNTY-BUTTONWILLOW LANDFILL KERN COUNTY DEPT. OF PUBLIC WORKS 1 MI N BUTTONWILLOW ON SULLIVAN RD BUTTONWILLOW, CA 93206 5D150303004	15-AA-0047	07/01/88	11/15/89	11/29/89	07/01/90	P	/ /	/ /	/ /	
KERN COUNTY-CHINA GRADE		07/01/88	02/15/90	12/06/89	07/01/90	P	/ /	/ /	/ /	

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KERN COUNTY DEPT. OF PUBLIC WORKS 3 MILES NE OF BAKERSFIELD , CA 0 5D150303026	15-AA-0048									
KERN COUNTY-KERN RIVER VALLEY LANDFILL KERN COUNTY DEPT. OF PUBLIC WORKS 1 MILE E OF KERNVILLE NEAR LAKE ISABELLA KERNVILLE, CA 93238 5D150303006	15-AA-0055	07/01/88	/ /	10/24/89	07/01/90	P	/ /	/ /	/ /	
KERN COUNTY-SHAFTER-WASCO LANDFILL KERN COUNTY DEPT. OF PUBLIC WORKS 1 MI N OF LERDO HWY ON SCHOFIELD AVE SHAFTER, CA 93263 5D150303014	15-AA-0057	07/01/88	06/01/89	10/23/89	07/01/90	A	/ /	/ /	07/11/90	REPORT TO BE SUBMITTED IN PHASES. DATA WILL BE SUBMITTED AS ADDENDA.
* COUNTY: KINGS										
BEACON OIL COMPANY-KETTLEMAN HILLS BEACON OIL COMPANY , CA 5D160304001		07/01/88	/ /	/ /	/ /	N	/ /	/ /	/ /	
KINGS COUNTY-CORCORAN LANDFILL KINGS COUNTY 6061 NEVADA AVENUE CORCORAN, CA 93212 5D160302001	16-AA-0011	07/01/88	/ /	06/30/88	06/01/90	A	/ /	/ /	05/30/90	VERIFICATION MONITORING WORK PLAN DUE 7/28/90.
KINGS WASTE DISPOSAL-KETTLEMAN HILLS KINGS WASTE DISPOSAL 2 1/2 MI W KETTLEMAN CITY , CA 5D160301001		07/01/88	/ /	/ /	/ /	N	/ /	/ /	/ /	
* COUNTY: MADERA										
TELEDYNE TUNGSTON-STRAWBERRY MINE TELEDYNE TUNGSTON-JIM REIHL BEASORE RD 1.5 MI NW CLOVER MDW STANISLAUS NAF, CA 0 5C202014001	20-AA-0004	07/01/88	/ /	07/06/88	09/30/89	A	/ /	/ /	03/14/90	

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** RANK 3										
* COUNTY: FRESNO										
FRESNO COUNTY-SAN JOAQUIN-TRANQUILITY LANDFIL FRESNO COUNTY AMERICAN AVENUE TRANQUILLITY, CA 93668 5D100307006	10-AA-0009	07/01/89	06/15/90	/ /	07/01/91	U	/ /	/ /	/ /	
FRESNO COUNTY-COALINGA LANDFILL FRESNO COUNTY ALCALDE RD., 1 MI. S OF HWY 198 COALINGA, CA 93210 5D100307001	10-AA-0006	07/01/89	10/14/90	/ /	07/01/91	L	/ /	/ /	/ /	
ORANGE AVENUE DISPOSAL COMPANY ORANGE AVE. DISPOSAL, INC. 3280 S. ORANGE AVE. FRESNO, CA 93725 5D100319001	10-AA-0013	07/01/89	07/01/91	/ /	09/01/91	L	/ /	/ /	/ /	
* COUNTY: KERN										
K & D SALVAGE SOLID WASTE DISPOSAL SITE K & D SALVAGE MILHAM ROAD BAKERSFIELD, CA 5D150302001		07/01/89	10/01/90	/ /	07/01/91	L	/ /	/ /	/ /	Operator primarily disposed auto shredder waste until 1985. Facility is now inactive. Waste is partially covered.
KERN COUNTY-LEBEC LANDFILL KERN COUNTY OFF LEBEC RD NORTH OF I-5 LEBEC, CA 93268 5D150303021	15-AA-0056	07/01/89	01/01/90	12/06/89	12/01/90	U	/ /	/ /	/ /	Addendum report to be submitted 10/90.
MARATHON OIL COMPANY MARATHON OIL COMPANY SOUTH COLES LEVEE OIL FIELD BTWN BKSF'LD&TAFT,OFF HWY 119, CA 5 150004NUR		07/01/89	/ /	07/05/89	07/01/91	U	/ /	/ /	/ /	

STATUS OF SWAT REPORTS
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* COUNTY: KINGS										
ARMSTRONG RUBBER COMPANY ARMSTRONG RUBBER COMPANY 10700 IDAHO AVE. HANFORD, CA 93232 5D161012N01		07/01/89	/ /	04/12/88	/ /	A	/ /	/ /	11/07/88	
KINGS COUNTY-HANFORD LANDFILL KINGS COUNTY HWY 43 & HANFORD-ARMONA RD. HANFORD, CA 93230 5D160303001	16-AA-0009	07/01/89	/ /	07/03/89	07/01/91	P	/ /	/ /	/ /	
* COUNTY: TULARE										
BIXBY RANCH BIXBY RANCH COMPANY 35599 Road 36 TRAVER, CA 93673 5 540001NUR		07/01/89	/ /	07/03/89	07/01/91	P	/ /	/ /	/ /	
TULARE COUNTY-EXETER DISPOSAL SITE TULARE COUNTY COUNTY ROAD 188 AT AVE 244 EXETER, CA 93221 5D540300003	54-AA-0002	07/01/89	/ /	02/17/87	/ /	A	/ /	/ /	01/27/88	VERIFICATION MONITORING IN PROGRESS. Additional assessment work results to be submitted 01 april 1990.

STATUS OF SWAT REPORTS
FOR FACILITIES IN
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(REDDING BRANCH OFFICE)

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** RANK 1										
* COUNTY: BUTTE BUTTE COUNTY-NEAL ROAD LANDFILL NEAL ROAD LANDFILL COMPANY NEAL ROAD PARADISE, CA 95969 5A040300001	04-AA-0002	07/01/87	/ /	11/01/87	06/30/90	U	07/31/88	/ /	/ /	SWAT report was found to be inadequate. Vadose and more ground water data will be addressed in the report scheduled for July 88.
* COUNTY: SHASTA REDDING CITY LANDFILL CITY PUBLIC WORKS DEPARTMENT SAN FRANCISCO ST W OF AIRPARK REDDING, CA 96001 5A450301002	45-AA-0019	07/01/87	/ /	06/29/87	08/01/87	A	/ /	/ /	08/27/87	SWAT report indicated that garbage was into ground water and that nonhazardous constituents were found. Possible off site migration.
PACKWAY MATERIALS LANDFILL PACKWAY MATERIALS INC. 5 MI N.E. OF BURNEY CA. HAT CREEK, CA 96040 5A450306001	45-AA-0022	07/01/87	05/01/88	06/29/87	08/25/87	A	05/01/88	07/21/88	07/21/88	SWAT report was deficient. A revised report is due 1 may 1988. Subsequent reports were submitted 29 June and 21 July 1988. These reports satisfied the requiremnets of SWAT.
* COUNTY: TEHAMA TEHAMA COUNTY-RED BLUFF LANDFILL SUBURBAN TRANSFER AND LANDFILL PLYMIRE ROAD 2 MILES NW OF RED BLUFF RED BLUFF, CA 96080 5A520301001	52-AA-0001	07/01/87	/ /	06/30/87	10/15/87	A	/ /	/ /	11/02/87	SWAT report indicates there is no offsite migration of hazardous waste. Vadose zone monitoring indicated possible designated waste constituents however there may have been some lab error.
** RANK 2										
* COUNTY: BUTTE KOPPERS COMPANY-OROVILLE SITE KOPPERS COMPANY 3 MI S OF OROVILLE 1 MI E HWY 70 OROVILLE, CA 95965 5A042005001		07/01/88	/ /	/ /	/ /	W	/ /	/ /	/ /	Wavier approved.
LOUISIANA PACIFIC-OROVILLE SITE LOUISIANA-PACIFIC CORPORATION OPHIR RD, SP RAILROAD, UP RAILROAD OROVILLE, CA 95965		07/01/88	07/15/88	07/15/88	09/15/90	A	/ /	/ /	09/12/90	The Discharger has submitted the SWAT report as required. SWAT was found to be adequate. Formaldehyde, penta and PAH compounds were found in wood waste below hazardous waste levels. This is a

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5A040306001	04-AA-0009									superfund listed site and will close under CERCLA.
* COUNTY: PLUMAS										
PLUMAS COUNTY-GOPHER HILL LANDFILL PLUMAS COUNTY BUCKS LAKE RD & SNAKE LAKE RD. QUINCY, CA 95971 5A320300003	32-AA-0008	07/01/88	/ /	06/27/88	/ /	A	10/31/88	10/27/89	03/02/90	The SWAT Report indicates the Gopher Hill Landfill is leaching waste constituents into ground water. Currently the concentrations of the various waste compounds are below hazardous waste levels, however the report should serve as an early warning to Plumas County. Unless site facilities and operation practices are upgraded to reduce the potential for leachate generation and migration, ground water could become seriously contaminated and cleanup of the aquifier could involve considerable expense.
* COUNTY: SHASTA										
SHASTA COUNTY-BUCKEYE LANDFILL SHASTA COUNTY LAKE BLVD AT SHASTA PARK RD N OF REDDING, CA 96001 5A450300003	45-AA-0014	07/01/88	07/10/88	07/13/88	06/30/90	U	05/01/89	07/20/89	/ /	Some problems associated with some of the wells and their data. SWAT returned to discharger for revisions.
SIMPSON PAPER COMPANY-ANDERSON LANDFILL SIMPSON PAPER COMPANY MILLVILLE PLAINS, DERSCH RD ANDERSON, CA 96007 5A450302001	45-AA-0021	07/01/88	/ /	06/29/88	06/30/90	U	07/01/89	/ /	/ /	Low levels of organics such as methylene chloride, 1,1-dichcloroethane and triclororethane were found at or near detection levels. These compounds are not consistant with the type of waste going into this landfill. This landfill is used by Simpson Paper for sludge disposal. Analysis of the sludge indicates these solvent compounds are not present. Further monitoring and installation of additional monitoring wells is needed to determine if site is leaking.
** RANK 3										
* COUNTY: LASSEN										
LASSEN COUNTY-WESTWOOD LANDFILL LASSEN COUNTY PUBLIC WORKS DEPT N OF HWY 36 1 MI W OF WESTWOOD WESTWOOD, CA 96137 5A180300001	18-AA-0010	07/01/89	04/30/90	04/30/90	12/01/90	U	/ /	/ /	/ /	SWAT report was received on 30 April 1990. Report is scheduled to be reviewed during 90-91 fiscal year. Staff enforcement was necessary to obtain report.

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* COUNTY: PLUMAS										
PORTOLA CITY LANDFILL CITY OF PORTOLA OFF HWY 70 1.5 MILES NE OF PORTOLA, CA 96122 5A320300001	32-AA-0007	07/01/89	09/01/89	09/05/89	06/30/90	A	04/30/90	05/14/90	06/30/90	Completed SWAT report was submitted 5/14/90. The report indicated there is off site migration on non-hazardous waste constituents. WDRS are being revised to comply with Sub 15 and to establish a verification monitoring program.
* COUNTY: SHASTA										
ANDERSON LANDFILL ANDERSON SOLID WASTE, INC. 18560 CAMBRIDGE RD ANDERSON, CA 96007 5A450303001	45-AA-0020	07/01/89	/ /	07/05/89	06/30/90	U	/ /	/ /	/ /	Staff enforcment necessary to receive adequate SWAT proposal.
SHASTA COUNTY-ENTERPRISE LANDFILL SHASTA COUNTY OLD OREGON TRAIL 1/4 S HY44 REDDING, CA 96002 5A450301N01	45-AA-0015	07/01/89	07/21/89	07/21/89	06/30/90	U	/ /	/ /	/ /	SWAT report is late. Staff enforcement may be necessary. This is a closed landfill and waste discharge requirements will not be updated.
* COUNTY: TEHAMA										
LOUISIANA PACIFIC-RED BLUFF DISPOSAL SITE LOUISIANA-PACIFIC CORPORATION END OF NOWELL RD RED BLUFF, CA 96080 5A520300001	52-AA-0002	07/01/89	06/01/90	08/02/90	08/01/91	U	/ /	/ /	/ /	Staff enforcement was necessary for this Discharger. In October 1989 Discharger installed additional ground water monitoring wells. Ground water samples were collected November 1989, January 1990 and 23 May 1990. SWAT report is expexted by 1 August 1990. SWAT received 2 August 1990. SWAT will not be reviewed until late 91.

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** RANK 1										
* COUNTY: ALAMEDA										
OAKLAND SCAVENGER-ALTAMONT PASS LANDFILL OAKLAND SCAVENGER CO 10840 ALTAMONT PASS ROAD LIVERMORE, CA 94550 5B010000001	01-AA-0009	07/01/87	/ /	07/01/87	12/31/87	A	01/25/88	/ /	02/29/88	
* COUNTY: AMADOR										
AMADOR COUNTY-BUENA VISTA LANDFILL AMADOR CO. PUBLIC WORKS DEPT 1 MILE S. OF HWY 88 ON BUENA VISTA RD. NEAR IONE, CA 95640 5B030300006	03-AA-0001	07/01/87	/ /	04/02/87	/ /	A	/ /	/ /	06/08/87	
* COUNTY: CONTRA COSTA										
GBF LANDFILL-CONTRA COSTA WASTE SERVICE SAME SOMMERVILLE RD AND PASO CORTO RD 2 MI SW ANTIOCH, CA 94509 5B070301002	07-AA-0003	07/01/87	/ /	07/01/87	/ /	A	11/09/87	12/29/87	01/25/88	VOCs, metals none above hazardous levels. Superfund site. DHS enforcements.
* COUNTY: EL DORADO										
EL DORADO LANDFILL INCORPORATED-UNION MINE LA EL DORADO LANDFILL, INC UNION MINE RD 5 MI SOUTH OF EL DORADO, CA 95623 5B090300001	09-AA-0003	07/01/87	/ /	07/02/87	/ /	A	/ /	/ /	11/06/87	
* COUNTY: LAKE										
LAKE COUNTY-EASTLAKE LANDFILL LAKE COUNTY PUBLIC WORKS DEPT BURNS VALLEY RD. CLEARLK HIGHLANDS CLEARLAKE HIGHL, CA 95422 5A170300001	17-AA-0001	07/01/87	/ /	08/05/87	/ /	A	06/15/88	07/25/88	02/27/89	Weak leachate is leaking.
GEOTHERMAL INCORPORATED-MIDDLETOWN W.T. KRITIKOS 19020 BUTTS CANYON RD. SE OF MIDDLETOWN MIDDLETOWN, CA 95461		07/01/87	11/11/11	/ /	11/11/11	L	/ /	/ /	/ /	REFERRED TO A.G. 10/87

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5A170304001										
* COUNTY: PLACER										
AUBURN-PLACER DISPOSAL LANDFILL AUBURN-PLACER DISPOSAL SERVICE 1 MI E HWY 49 ON SHALE RIDGE RD AUBURN, CA 95603 5A310300001	31-AA-0310	07/01/87	/ /	07/13/87	11/11/11	R	01/01/91	/ /	/ /	SWAT received / additional information required, AMM.
* COUNTY: SACRAMENTO										
AEROJET LIQUID ROCKET COMPANY AEROJET LIQUID ROCKET COMPANY 3 MI S OF FOLSOM, 1/2 MI S OF HWY 50 SACRAMENTO, CA 95662 5A342000003	34-AA-0006	07/01/87	/ /	07/01/87	/ /	A	10/30/87	/ /	10/18/87	WDR's REVISED 3/88. LANDFILL IS BEING CLOSED.
SACRAMENTO CITY LANDFILL CITY OF SACTO ST. MAINTENANCE 28TH AND A STREET SACRAMENTO, CA 95814 5A340309001	34-AD-0004	07/01/87	/ /	07/01/87	/ /	A	/ /	/ /	09/22/87	
SACRAMENTO COUNTY-WHITE ROCK ROAD NORTH LANDF CLC INVESTMENT CORPORATION NEAR INTERSECT WHITE ROCK RD & GRANT LIN SACRAMENTO, CA 0 5 340001NUR	34-AA-0012	07/01/87	11/11/11	/ /	11/11/11	L	/ /	/ /	/ /	Litigation with RB and Aerojet, no swat until settled.
US AIR FORCE-MCCLELLAN AFB LANDFILL US AIR FORCE MCCLELLAN AIR FORCE BASE SACTO, CA 95652 5A340700003	34-AA-0008	07/01/87	/ /	/ /	/ /	W	/ /	/ /	/ /	site granted waiver, 4/7/87.
* COUNTY: SAN JOAQUIN										
FORWARD INCORPORATED LANDFILL FORWARD INC./GREG BASSO W/SIDE AUSTIN RD 2.5 MI SO. ARCH RD STOCKTON, CA 95205 5B390306001	39-AA-0015	07/01/87	/ /	07/01/87	12/16/88	A	10/15/88	10/06/88	09/20/89	Low VOC's and TDS.

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* COUNTY: SOLANO										
IT CORPORATION-MONTEZUMA HILLS FACILITY IT CORPORATION 6292 LITTLE HONKER BAY ROAD RIO VISTA, CA 94571 5A480307001		07/01/87	/ /	07/01/87	/ /	A	07/21/88	06/30/88	09/23/88	
* COUNTY: STANISLAUS										
BONZI SANITARY LANDFILL RUDY BONZI 2650 W. HATCH RD. MODESTO, CA 95351 5C500300001	50-AA-0003	07/01/87	/ /	05/08/87	03/01/88	A	/ /	/ /	01/26/88	VOCs, metals none above hazardous levels.
STANISLAUS COUNTY-GEER ROAD LANDFILL STANISLAUS CO. PUBLIC WKS DEPT 750 GEER ROAD MODESTO, CA 95351 5C500301001	50-AA-0002	07/01/87	/ /	06/30/87	/ /	A	/ /	/ /	09/14/87	
* COUNTY: YOLO										
YOLO COUNTY-CENTRAL LANDFILL YOLO CO DEPT OF PUBLIC WORKS NE CORNER OF COUNTY RDS. 104 & 28H DAVIS, CA 95616 5A570306001	57-AA-0001	07/01/87	/ /	07/01/87	02/01/88	A	12/31/87	12/18/87	09/23/88	
** RANK 2										
* COUNTY: AMADOR										
GEORGIA PACIFIC CORPORATION-MARTELL SITE BENDIX FOREST PRODUCTS INC. MARTELL, CA - SEE JACKSON QUAD. MARTELL, CA 95654 5B032000003	03-AA-0002	07/01/88	/ /	07/01/88	/ /	A	/ /	/ /	08/11/88	
AQUA CLEAR FARMS NOEL HATCH S/W COR. RIO-DIXON & HWY 113 FLANNERY RD DIXON, CA 95620 5A480306001	48-AA-0006	07/01/88	07/01/88	07/01/88	12/01/88	A	10/01/88	09/16/88	03/01/89	TDS

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* COUNTY: CALAVERAS										
CALAVERAS COUNTY-RED HILL LANDFILL GIAMBASTIANI & SON 5 MILES SE OF ANGLES CAMP VALLECITOS, CA 95251 5B050302001	05-AA-0014	07/01/88	07/01/88	07/07/88	09/01/90	R	12/01/90	/ /	/ /	VOCs & TDS, Certified ground water monitoring system has been completed. Report submitted 4/30/90. Requested certification and state revised summary of findings by 9/14/90
* COUNTY: COLUSA										
COLUSA COUNTY-EVANS ROAD LANDFILL COLUSA COUNTY SO. END OF EVANS RD. COLUSA, CA 95932 5A060300001	06-AA-0001	07/01/88	07/01/88	07/01/88	10/01/88	A	/ /	/ /	10/05/88	TDS
* COUNTY: CONTRA COSTA										
GBF LANDFILL-PITTSBURG DISPOSAL AND DEBRIS SE GBF SOMMERVILLE RD & JAMES DOLAN RD. ANTIOCH, CA 94509 5B070303001	07-AA-0004	07/01/88	07/01/88	07/01/88	07/30/88	A	/ /	/ /	07/25/88	DHS g.w. studies in progress.
* COUNTY: LAKE										
IT CORPORATION-BENSON RIDGE FACILITY IT CORPORATION 3 MI SE OF KELSEYVILLE KELSEYVILLE, CA 95451 5A170312001		07/01/88	/ /	12/31/87	07/01/88	A	11/01/88	10/01/88	09/09/88	Conditional approval on 9 September 1988.
* COUNTY: MERCED										
US AIR FORCE-CASTLE AFB LANDFILL US AIR FORCE DUMP RD. 2.2 MI. N OF MARIPOSA ON HWY. 4 MARIPOSA, CA 95338 5C220101001	22-AA-0001	07/01/89	06/01/90	05/30/90	12/31/90	U	/ /	/ /	/ /	CASTLE HAS FOUR SEPARATE LANDFILLS - TRACKING EACH INDIVIDUALLY.
* COUNTY: NEVADA										
NEVADA COUNTY-MCCOURTNEY ROAD LANDFILL NEVADA COUNTY MCCOURTNEY RD. SIX MILES SW OF		07/01/88	07/01/88	07/05/88	10/01/88	A	04/01/90	04/01/90	05/15/90	Additional wells and vadose zone monitors installed in Fall 1989. Second resubmittal under review.

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GRASS VALLEY, CA 95945 5A290300001	29-AA-0001									
* COUNTY: PLACER										
SOUTHERN PACIFIC RAILROAD-PACIFIC FRUIT EXCHA SOUTHERN PACIFIC BUILDING , CA 5 310001NUR		07/01/88	07/01/91	/ /	/ /	L	/ /	/ /	/ /	Part of CERLCA investigation must be approved by EPA. Disposal of ROTTEN FRUIT / PACKING MATERIALS.
WESTERN REGIONAL SANITARY LANDFILL WESTERN PLACER RECOVERY CO. INTERSECTION OF ATHENS AND FIDDYMENT ROA ROSEVILLE, CA 95678 5A310309001	31-AA-0210	07/01/88	07/01/88	06/30/88	07/15/88	A	08/23/88	08/26/88	10/08/88	Additional sampling / revisions required.
* COUNTY: SACRAMENTO										
WHITE ROCK ROAD SOUTH LANDFILL NEAR INTERSECT WHITE ROCK RD & GRANT LIN SACRAMENTO, CA 0 5 340002NUR	34-AA-0012	07/01/88	10/01/90	/ /	/ /	L	/ /	/ /	/ /	Site investigation initiated.
US AIR FORCE-MATHER FIELD LANDFILL US AIR FORCE , CA 5A340700001		07/01/88	/ /	12/15/88	/ /	R	02/28/92	/ /	/ /	COMBINED WITH RI/FS. PROPOSAL RESUBMITTED 25 JULY 1990. MATHER HAS EIGHT SEPARATE LANDFILLS.
* COUNTY: SAN JOAQUIN										
ARCADY OIL COMPANY-HOLT HONKER LAKE TRACT , CA 5B390309001		07/01/88	07/01/91	/ /	11/11/11	L	/ /	/ /	/ /	C & A NO. 90-29 DATED 26 JANUARY 1990 FOR SWAT & TPCA VIOLATIONS.
COVE CONTRACTORS COVE CONTRACTORS INC. 3200 S. EL DORADO ST STOCKTON, CA 95203 5 390001NUR	39-AA-0010	07/01/88	09/12/88	09/13/88	11/01/89	A	05/01/89	06/12/89	09/25/89	TDS, PCBs, and VOCs
TRACY CITY LANDFILL-CORRAL HOLLOW ROAD		07/01/88	07/01/88	07/01/88	/ /	A	/ /	/ /	07/27/88	Letter sent 07/27/88, approved.

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DEPT. OF PUBLIC WORKS CORRAL HOLLOW RD. & I-580 TRACY, CA 95376 5B390307001	39-AA-0005									
LAWRENCE LIVERMORE LAB SITE 300 PIT 6 LAWRENCE LIVERMORE LABS 19 MILES EAST OF TOWN LIVERMORE, CA 5B390311001		07/01/88	07/31/88	07/28/88	11/30/88	A	01/16/89	/ /	02/21/89	
* COUNTY: SOLANO										
B & J DROP BOX DISPOSAL SITE-VACAVILLE 6426 HAY ROAD VACAVILLE, CA 95688 5A480300001	48-AA-0002	07/01/88	07/01/88	07/01/88	09/15/88	A	11/01/88	11/01/88	05/30/89	
* COUNTY: YOLO										
UNIVERSITY OF CALIFORNIA LANDFILL-DAVIS UNIVERSITY OF CALIF., DAVIS C. R. 98, NO OF PUTAH CREEK DAVIS, CA 95616 5A570309001	57-AA-0004	07/01/88	07/01/88	07/01/88	07/29/88	A	/ /	/ /	11/15/88	Pesticides and chloroform found. More wells requested 5/90.
* COUNTY: YUBA										
US AIR FORCE-BEALE AFB LANDFILLS US AIR FORCE BEAL A.R FORCE BASE MARYSVILLE, CA 95903 5A580305001	58-AA-0001	07/01/88	12/01/90	07/01/88	12/01/90	R	11/01/90	12/29/89	/ /	LANDFILL NO.1 LEAKING
** RANK 3										
* COUNTY: CALAVERAS										
SOUTH COMANCHE SHORE ASSOCIATION SOUTH CAMANCHE SHORE INC. CAMANCHE DR OFF STATE RTE 12 , CA 0 5B050301001	05-AA-0021	07/01/89	/ /	08/29/89	10/06/89	R	12/01/90	/ /	/ /	Need additional samples.

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* COUNTY: CONTRA COSTA										
ANTIOCH CITY LANDFILL(OLD) CITY OF ANTIOCH , CA 5 070001NUR		07/01/89	/ /	09/18/89	11/01/89	A	/ /	/ /	11/27/89	Back ground pollution from GBF landfill.
ANTIOCH DISPOSAL SERVICE LANDFILL (LYNCH) FREEDOM CHURCH SOUTH OF ANTIOCH , CA 5B071016001		07/01/89	11/11/11	/ /	11/11/11	L	/ /	/ /	/ /	No response; Can not locate responsible party.
* COUNTY: MARIPOSA										
MARIPOSA COUNTY LF TOTAL WASTE SYSTEMS, INC. , CA 5C220300011	22-AA-0001	07/01/89	07/01/89	07/03/89	09/03/89	U	04/01/90	04/06/90	/ /	VOCs and TDS. Report submitted 4/6/90 incomplete untill leachate sampling is submitted, due 8/1/90.
* COUNTY: MERCED										
MERCED COUNTY-BILLY WRIGHT LANDFILL MERCED CO DEPT OF PUBLIC WORKS BILLIE WRIGHT ROAD LOS BANOS, CA 93635 5C240303001	24-AA-0002	07/01/89	07/01/89	07/03/89	09/03/89	A	10/01/89	/ /	12/07/89	
MERCED COUNTY-HIGHWAY 59 LANDFILL MERCED CO DEPT OF PUBLIC WORKS HIGHWAY 59, 6MI N OF MERCED MERCED, CA 95340 5C240303002	24-AA-0001	07/01/89	07/01/89	07/03/89	09/03/89	A	10/21/89	/ /	12/07/89	
* COUNTY: PLACER										
PLACER COUNTY-LOOMIS LANDFILL AUBURN PLACER DISPOSAL WINTERS ROAD 1 MILE SOUTH OF KING ROAD PENRYN, CA 95663 5A310303001	31-AA-0140	07/01/89	07/01/89	07/03/89	07/31/89	A	/ /	/ /	07/31/89	
ROSEVILLE CITY LANDFILL (OLD) CITY OF ROSEVILLE		07/01/89	07/01/89	/ /	/ /	D	/ /	/ /	/ /	DUPLICATE SITE

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CENTER OF TOWN , CA 5A310304001										
ROSEVILLE CITY SANITARY LANDFILL CITY OF ROSEVILLE DEPT PUBLIC BERRY ST ONE MILE EAST ATLANTIC ST ROSEVILLE, CA 95678 5 310002NUR	31-AA-0110	07/01/89	07/01/89	06/30/89	10/15/89	A	/ /	/ /	11/08/89	Need four quarterly sample results.
BERRY STREET MALL-FINGER'S DUMP WILLIAM FINGER BERRY STREET ROSEVILLE, CA 95678 5A310302001	31-AA-0120	07/01/89	11/11/11	/ /	11/11/11	L	/ /	/ /	/ /	Referred to AG by WMB.
* COUNTY: SACRAMENTO										
L & D LANDFILL COMPANY NORMAN LIEN 8635 FRUITRIDGE RD SACTO, CA 95826 5A340308001	34-AD-0003	07/01/89	07/01/89	07/07/89	11/30/89	A	06/01/90	/ /	07/17/90	
SACRAMENTO COUNTY-GRANT LINE ROAD LANDFILL (K SACRAMENTO COUNTY INTERSECTION OF KIEFER RD AND GRANTLINE SACRAMENTO, CA 95826 5A340311001	34-AA-0001	07/01/89	07/01/89	07/28/89	06/01/90	R	07/01/91	/ /	/ /	Installation of additional wells is complete. Second round sampling completed VOC of varies types in most wells.Pesticides in soil. Waiting for additional sampling results for review.
FOLSOM PRISON LANDFILL STATE OF CALIFORNIA , CA 5A340307001		07/01/89	11/11/11	/ /	11/11/11	L	/ /	/ /	/ /	DHS contracting SWAT. Woodward Clyde to prepare proposal and report.
SACRAMENTO ARMY DEPOT US ARMY SE OF SACRAMENTO , CA 5 340003NUR		07/01/89	02/28/91	/ /	/ /	L	/ /	/ /	/ /	SWAT requirements part of RI/FS.
* COUNTY: SAN JOAQUIN										
STOCKTON CITY LANDFILL-AUSTIN ROAD JOHN & PHIL GIAMBASTIANI		07/01/89	07/01/89	06/20/89	/ /	A	/ /	/ /	08/08/89	Verification monitoring plan approved.

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CENTRAL VALLEY REGION 5
(SACRAMENTO OFFICE)

SITE NAME SITE OPERATOR SITE ADDRESS WDS ID NUMBER	SWIS NUMBER	REPORT DUE DATE	ANTIC REPORT SUBMIT DATE	REPORT REC'D DATE	REPORT TARGET REVIEW DATE	REPORT STATUS	REPORT RE-SUB DUE DATE	REPORT RE-SUB REC'D DATE	REPORT APPROVAL DATE	REMARKS
AUSTIN RD 3 MILES SOUTH OF MARIPOSA RD. STOCKTON, CA 95204 5B390308001	39-AA-0001									
US NAVY COMMUNICATIONS LANDFILL U.S.NAVY COMUNICATIONS ROUGH AND READY ISLAND , CA 95203 5 390002NUR	39-AA-0006	07/01/89	/ /	/ /	/ /	W	/ /	/ /	/ /	
US ARMY-SHARPE ARMY DEPOT US ARMY NORTH OF LATHROP , CA 5 390003NUR		07/01/89	/ /	/ /	/ /	W	/ /	/ /	/ /	
* COUNTY: SIERRA										
SIERRA COUNTY LOYALTON SANITARY LANDFILL SIERRA COUNTY ONE MILE EAST OF LOYALTON, CA 96118 5A460300001	46-AA-0001	07/01/89	12/01/90	/ /	02/01/91	L	/ /	/ /	/ /	Updated WDRs require SWAT report by 12/1/90.
SIERRA COUNTY LOYALTON NO. 1 LANDFILL SIERRA COUNTY , CA 5A460300001		07/01/89	07/01/90	/ /	/ /	D	/ /	/ /	/ /	This is the same site as Sierra County Loyalton Sanitary Landfill shown above.
* COUNTY: SOLANO										
RIO VISTA SANITATION SERVICE RIO VISTA SANITATION SERVICE 301 AIRPORT RD. RIO VISTA, CA 94571 5A480304001	48-AA-0004	07/01/89	/ /	08/22/89	07/15/90	A	05/15/90	/ /	08/20/90	TDS INCREASED UNDER SITE. NO HAZARDOUS WASTES.
* COUNTY: YOLO										
WEST SACRAMENTO LANDFILL YOLO COUNTY Co Rd 126, 1 mile W of Hy 16 , CA 5 570001NUR		07/01/89	/ /	01/25/90	/ /	P	/ /	/ /	/ /	Report conditionally approved pending submittal of three quarterly reports.

STATUS OF SWAT REPORTS
FOR FACILITIES IN
CENTRAL VALLEY REGION 5
(SACRAMENTO OFFICE)

SITE NAME SITE OPERATOR SITE ADDRESS WDS ID NUMBER	SWIS NUMBER	REPORT DUE DATE	ANTIC REPORT SUBMIT DATE	REPORT REC'D DATE	REPORT TARGET REVIEW DATE	REPORT STATUS	REPORT RE-SUB DUE DATE	REPORT RE-SUB REC'D DATE	REPORT APPROVAL DATE	REMARKS
* COUNTY: YUBA										
YUBA-SUTTER DISPOSAL AREA-MOROGNA D.E. BARBIERI HWY 20 AT MARYSVILLE CITY LIMIT MARYSVILLE, CA 95901 5A580300001	58-AA-0006	07/01/89	11/11/11	/ /	11/11/11	L	/ /	/ /	/ /	
YUBA-SUTTER DISPOSAL INCORPORATED REMO SCOCCI HWY 20, HALF MILE NORTH OF MARYSVILLE, CA 95901 5A580302001	58-AA-0005	07/01/89	06/03/89	08/08/89	10/31/90	U	/ /	/ /	/ /	confirmation monitoring underway.

STATUS OF SWAT REPORTS
FOR FACILITIES IN
LAHONTAN REGION 6
(SOUTH LAKE TAHOE OFFICE)

SITE NAME / SITE OPERATOR / SITE ADDRESS / WDS ID NUMBER	SWIS NUMBER	REPORT DUE DATE	ANTIC REPORT SUBMIT DATE	REPORT REC'D DATE	REPORT TARGET REVIEW DATE	REPORT STATUS	REPORT RE-SUB DUE DATE	REPORT RE-SUB REC'D DATE	REPORT APPROVAL DATE	REMARKS
** RANK 1										
* COUNTY: LASSEN										
LASSEN COUNTY LANDFILL LASSEN COUNTY HWY. 395 JOHNSTONVILLE AREA JOHNSTONVILLE, CA 6A180013000	18-AA-0009	07/01/87	05/01/88	08/22/88	01/01/91	R	01/01/91	/ /	/ /	Waiting on 3rd round of sampling and hydrogeologic data for review.
* COUNTY: MONO										
MONO COUNTY-PUMICE VALLEY LANDFILL MONO COUNTY HWY 120 4 MILES S MONO LAKE LEE VINING, CA 0 6B260300011	26-AA-0003	07/01/87	06/01/88	08/22/88	11/01/89	A	01/01/90	12/29/89	03/12/90	
MONO COUNTY-WALKER LANDFILL MONO COUNTY EAST SIDE LANE WALKER, CA 0 6A260012000	26-AA-0001	07/01/87	06/01/88	08/22/88	11/01/89	A	01/01/90	12/19/89	03/13/90	Elevated chlorides, TDS, EC.
MONO COUNTY-BENTON CROSSING LANDFILL MONO COUNTY 1 MILE SW OF BENTON CROSSING BENTON CROSSING, CA 93512 6B260300002	26-AA-0004	07/01/87	06/01/88	06/28/88	11/01/89	A	01/01/90	12/08/89	03/09/90	
* COUNTY: PLACER										
PLACER COUNTY EASTERN REGIONAL LANDFILL PLACER COUNTY 2 MI S I-80/HALF MI W HWY 89 TRUCKEE, CA 0 6A310041000	31-AA-0560	07/01/87	/ /	07/07/86	01/01/91	R	01/01/91	/ /	/ /	Waiting on monitoring and hydrogeologic data for review.
** RANK 2										
* COUNTY: LASSEN										
US ARMY-SIERRA ARMY DEPOT LANDFILL DEPT OF THE ARMY, JIM RYAN ADJACENT TO RR 1 MI N OF HERLONG, CA 96113		07/01/88	/ /	12/09/87	01/01/91	R	01/01/91	/ /	/ /	Monitoring wells in place; much of report work is completed. Additional wells have been constructed. All wells are being resampled and analyzed.

STATUS OF SWAT REPORTS
FOR FACILITIES IN
LAHONTAN REGION 6
(SOUTH LAKE TAHOE OFFICE)

SITE NAME / SITE OPERATOR / SITE ADDRESS / WDS ID NUMBER	SWIS NUMBER	REPORT DUE DATE	ANTIC REPORT SUBMIT DATE	REPORT REC'D DATE	REPORT TARGET REVIEW DATE	REPORT STATUS	REPORT RE-SUB DUE DATE	REPORT RE-SUB REC'D DATE	REPORT APPROVAL DATE	REMARKS
6A180019000	18-AA-0013									
** RANK 3										
* COUNTY: LASSEN										
LASSEN COUNTY-HERLONG LANDFILL LASSEN CO DEPT OF PUB WKS COUNTY RD 328(1 MI W & 1 MI S OF HERLONG HERLONG, CA 96113 6A180010000	18-AA-0011	07/01/89	09/01/90	05/25/90	01/01/92	P	/ /	/ /	/ /	Drilling and sampling complete; waiting on analysis
* COUNTY: MODOC										
MODOC COUNTY-FORT BIDWELL LANDFILL MODOC CO DEPT OF PUBLIC WKS 1 MILE N. OF FT. BIDWELL OFF CO. RD. 3 FORT BIDWELL, CA 96112 6A250008000	25-AA-0003	07/01/89	06/15/90	07/05/90	01/01/92	P	/ /	/ /	/ /	Wells drilled 6/89; waiting on lab analysis.
* COUNTY: MONO										
MONO COUNTY-BRIDGEPORT LANDFILL MONO COUNTY ROAD DEPT HWY 22 NEAR BRYANT AIRPORT BRIDGEPORT, CA 93517 6A260004000	26-AA-0002	07/01/89	10/01/89	01/08/90	01/01/92	P	/ /	/ /	/ /	Wells drilled 6/89; waiting on lab analysis.

STATUS OF SWAT REPORTS
FOR FACILITIES IN
LAHONTAN REGION 6
(VICTORVILLE BRANCH OFFICE)

SITE NAME / SITE OPERATOR / SITE ADDRESS / WDS ID NUMBER	SWIS NUMBER	REPORT DUE DATE	ANTIC REPORT SUBMIT DATE	REPORT REC'D DATE	REPORT TARGET REVIEW DATE	REPORT STATUS	REPORT RE-SUB DUE DATE	REPORT RE-SUB REC'D DATE	REPORT APPROVAL DATE	REMARKS
** RANK 1										
* COUNTY: INYO										
BISHOP LANDFILL INYO COUNTY SUNLAND DR & SUNLAND INDIAN RES RD BISHOP, CA 93514 6B140300002	14-AA-0005	07/01/87	01/01/88	01/04/88	01/01/91	U	07/15/89	03/30/90	/ /	
OWENS LAKE SULFATE SLURRY IMPOUNDMENT U.S. TUNGSTEN CORP. ONE MILE SOUTH OF KEELER KEELER, CA 93530 6B142000041	14-AA-0008	07/01/87	/ /	/ /	/ /	W	/ /	/ /	/ /	Report waived
* COUNTY: KERN										
U.S. BORAX GANGUE/REFUSE/OVERBURDEN WASTE PIL U.S. BORAX AND CHEMICAL CORP. NORTH OF HWY 58 BORON, CA 93516 6B152004001		07/01/87	/ /	06/29/87	01/01/91	U	01/15/90	02/09/90	/ /	
* COUNTY: SAN BERNARDINO										
APPLE VALLEY LANDFILL SAN BERNARDINO COUNTY YUCCA LOMA RD. APPLE VALLEY, CA 92307 6B360304003	36-AA-0048	07/01/87	03/01/88	02/11/88	05/01/88	A	07/15/89	07/05/89	08/14/89	
BARSTOW LANDFILL SAN BERNARDINO COUNTY BARSTOW RD 5 MI SO OF BARSTOW BARSTOW, CA 92311 6B360304005	36-AA-0046	07/01/87	03/01/88	02/29/88	/ /	A	07/15/89	07/05/89	11/06/89	
HEAPS PEAK LANDFILL SAN BERNARDINO COUNTY OFF HWY 18 NEAR RUNNING SPRINGS RUNNING SPRINGS, CA 92382 6B360304041	36-AA-0042	07/01/87	03/01/88	02/04/88	/ /	A	07/15/89	07/05/89	11/06/89	
LENWOOD/HINKLEY LANDFILL SAN BERNARDINO COUNTY		07/01/87	03/01/88	02/29/88	/ /	A	07/15/89	07/05/89	11/06/89	

STATUS OF SWAT REPORTS
FOR FACILITIES IN
LAHONTAN REGION 6
(VICTORVILLE BRANCH OFFICE)

SITE NAME / SITE OPERATOR / SITE ADDRESS / WDS ID NUMBER	SWIS NUMBER	REPORT DUE DATE	ANTIC REPORT SUBMIT DATE	REPORT REC'D DATE	REPORT TARGET REVIEW DATE	REPORT STATUS	REPORT RE-SUB DUE DATE	REPORT RE-SUB REC'D DATE	REPORT APPROVAL DATE	REMARKS
1 MI N OF HWY 58 HINKLEY, CA 92347 6B360304013	36-AA-0061									
PHELAN LANDFILL SAN BERNARDINO COUNTY 2 MI W OF PHELAN, PHELAN, CA 92371 6B360304020	36-AA-0044	07/01/87	03/01/88	02/29/88	/ /	A	07/15/89	07/05/89	11/30/89	
VICTORVILLE LANDFILL SAN BERNARDINO COUNTY 3 MI N MOJAVE RIV ON STODDARD WELLS VICTORVILLE, CA 92392 6B360304025	36-AA-0045	07/01/87	03/01/88	02/29/88	01/01/91	R	01/01/91	/ /	/ /	
** RANK 2										
* COUNTY: KERN										
EDWARDS MAIN BASE LANDFILL US AIR FORCE EDWARDS AIR FORCE BASE EDWARDS, CA 93523 6B150316001	15-AA-0150	07/01/88	06/01/90	06/09/88	01/01/92	U	/ /	05/30/90	/ /	
EDWARDS ROCKET PROPULSION LAB LANDFILL US AIR FORCE EDWARDS AIR FORCE BASE EDWARDS, CA 93523 6B150316002	15-AA-0151	07/01/88	06/01/90	06/09/88	01/01/92	U	/ /	05/30/90	/ /	
* COUNTY: LOS ANGELES										
ANTELOPE VALLEY/PALMDALE LANDFILL PALMDALE DISPOSAL CO., INC. 1200 WEST CITY RANCH RD. PALMDALE, CA 93550 6B190335001	19-AA-0009	07/01/88	/ /	03/15/88	07/01/88	A	07/01/88	/ /	05/02/88	
* COUNTY: SAN BERNARDINO										
GEORGE NORTHEAST DISPOSAL AREA, WASTE ACID & US AIR FORCE , CA		07/01/88	/ /	07/15/88	01/01/91	U	/ /	/ /	/ /	

STATUS OF SWAT REPORTS
FOR FACILITIES IN
LAHONTAN REGION 6
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SITE NAME / SITE OPERATOR / SITE ADDRESS / WDS ID NUMBER	SWIS NUMBER	REPORT DUE DATE	ANTIC REPORT SUBMIT DATE	REPORT REC'D DATE	REPORT TARGET REVIEW DATE	REPORT STATUS	REPORT RE-SUB DUE DATE	REPORT RE-SUB REC'D DATE	REPORT APPROVAL DATE	REMARKS
6 000002NUR										
GEORGE NORTHEAST DISPOSAL AREA, WASTE PESTICI US AIR FORCE , CA 6 000003NUR		07/01/88	/ /	07/15/88	01/01/91	U	/ /	/ /	/ /	
GEORGE NORTHEAST DISPOSAL AREA (SITE L-12) US AIR FORCE , CA 6 360002NUR		07/01/88	/ /	07/15/88	01/01/91	U	/ /	/ /	/ /	
GEORGE NORTHEAST DISPOSAL AREA (SITE L-13) US AIR FORCE , CA 6 360003NUR		07/01/88	/ /	07/15/88	01/01/91	U	/ /	/ /	/ /	
GEORGE SOUTHEAST DISPOSAL AREA (SITES L-1,2,3 US AIR FORCE , CA 6 360006NUR		07/01/88	/ /	07/15/88	01/01/93	U	/ /	/ /	/ /	
GEORGE SOUTHEAST DISPOSAL AREA (SITE M-2) US AIR FORCE , CA 6 360004NUR		07/01/88	/ /	07/15/88	01/01/93	U	/ /	/ /	/ /	
NWC C-1 EAST LANDFILL (SITE 29) US NAVY NAVAL WEAPONS CENTER CHINA LAKE, CA 93555 6 360007NUR	36-AA-0011	07/01/88	/ /	06/13/88	01/01/93	U	/ /	/ /	/ /	
NWC PILOT PLANT ROAD LANDFILL (SITE 22) US NAVY , CA 6 360005NUR		07/01/88	/ /	06/13/88	01/01/93	U	/ /	/ /	/ /	

STATUS OF SWAT REPORTS
FOR FACILITIES IN
LAHONTAN REGION 6
(VICTORVILLE BRANCH OFFICE)

SITE NAME / SITE OPERATOR / SITE ADDRESS / WDS ID NUMBER	SWIS NUMBER	REPORT DUE DATE	ANTIC REPORT SUBMIT DATE	REPORT REC'D DATE	REPORT TARGET REVIEW DATE	REPORT STATUS	REPORT RE-SUB DUE DATE	REPORT RE-SUB REC'D DATE	REPORT APPROVAL DATE	REMARKS
** RANK 3										
* COUNTY: INYO										
LONE PINE LANDFILL INYO COUNTY CEMETARY RD EAST OF TOWN LONE PINE, CA 93545 6B140300006	14-AA-0003	07/01/89	07/01/91	/ /	01/01/94	L	/ /	/ /	/ /	
* COUNTY: KERN										
MOJAVE-ROSAMOND LANDFILL KERN COUNTY 1 MILE S. OF BEAR MT. BLVD. ON WHEELER R ARVIN, CA 93203 6B150303011	15-AA-0050	07/01/89	06/01/90	10/11/89	01/01/94	U	/ /	/ /	/ /	
RIDGECREST-INYOKERN LANDFILL KERN COUNTY NEAR JACKS RANCH & W. BOWMAN RDS. RIDGECREST, CA 93555 6B150303022	15-AA-0059	07/01/89	06/01/90	11/08/89	01/01/94	U	/ /	/ /	/ /	
NWC SNORT ROAD LANDFILL (SITE 12) US NAVY OFF SNORT RD, NWC CHINA LAKE , CA 0 6 150001NUR	15-AA-0034	07/01/89	04/15/88	06/13/88	01/01/94	U	/ /	/ /	/ /	
* COUNTY: LOS ANGELES										
LANCASTER LANDFILL WASTE MANAGEMENT INC. 600 EAST AVENUE F LANCASTER, CA 93534 6B190343001	19-AA-0050	07/01/89	/ /	06/29/89	01/01/95	A	/ /	/ /	11/03/89	
* COUNTY: SAN BERNARDINO										
FORT IRWIN ROAD LAND TREATMENT SITE ATCHISON, TOPEKA & SANTA FE RAILWAY , CA 6B360331002		07/01/89	/ /	07/05/90	12/01/90	U	/ /	/ /	/ /	

STATUS OF SWAT REPORTS
FOR FACILITIES IN
LAHONTAN REGION 6
(VICTORVILLE BRANCH OFFICE)

SITE NAME SITE OPERATOR SITE ADDRESS WDS ID NUMBER	SWIS NUMBER	REPORT DUE DATE	ANTIC REPORT SUBMIT DATE	REPORT REC'D DATE	REPORT TARGET REVIEW DATE	REPORT STATUS	REPORT RE-SUB DUE DATE	REPORT RE-SUB REC'D DATE	REPORT APPROVAL DATE	REMARKS
HESPERIA LANDFILL SAN BERNARDINO COUNTY 7 MI S ON HESPERIA RD. HESPERIA, CA 92345 6B360304008	36-AA-0050	07/01/89	07/01/88	07/30/88	01/01/95	U	/ /	/ /	/ /	
FORT IRWIN MAIN BASE LANDFILL US ARMY FORT IRWIN MILITARY BASE FORT IRWIN, CA 92311 6B360344001	36-AA-0068	07/01/89	/ /	01/18/90	01/01/95	U	/ /	/ /	/ /	

STATUS OF SWAT REPORTS
FOR FACILITIES IN
COLORADO RIVER BASIN REGION 7

SITE NAME / SITE OPERATOR / SITE ADDRESS / WDS ID NUMBER	SWIS NUMBER	REPORT DUE DATE	ANTIC REPORT SUBMIT DATE	REPORT REC'D DATE	REPORT TARGET REVIEW DATE	REPORT STATUS	REPORT RE-SUB DUE DATE	REPORT RE-SUB REC'D DATE	REPORT APPROVAL DATE	REMARKS
** RANK 1										
* COUNTY: IMPERIAL										
IT CORPORATION-IMPERIAL VALLEY FACILITY-MORTO GSX SERVICES(IMPERIAL VALLEY) INC. 5295 S.GARVEY ROAD WESTMORLAND, CA 92281 7A130315002		07/01/87	/ /	07/01/87	11/30/87	A	/ /	/ /	01/27/88	SWAT Report appears to satisfy the requirements of Section 13273. Elevated concentrations of chloride were detected in soil underneath the site. Verification report indicates that ground water is not impacted.
* COUNTY: RIVERSIDE										
RIVERSIDE COUNTY-BLYTHE LANDFILL RIVERSIDE COUNTY 6 MILES N OF BLYTHE ON MIDLAND RD. BLYTHE, CA 92225 7B330305021	33-AA-0017	07/01/87	02/15/88	02/18/88	05/30/88	A	09/01/88	09/15/88	04/02/90	Verification results indicate groundwater contamination.Discharger was requested to determine source of contaminants (i.e. septage ponds,landfill,or off-site).Report was received on 5/17/89.See SWAT Report Summary for details.Cleanup & abatement order 90-77 was issued against the discharger requiring the submittal of remediation plan by 9/1/91.
* COUNTY: SAN BERNARDINO										
USMC-TWENTYNINE PALMS SITE NATURAL RESOURCES BRANCH US MC BASE TWENTYNINE PALM, CA 92278 7A360311011	36-AA-0067	07/01/87	12/31/87	01/08/88	03/30/88	A	02/15/89	03/17/89	07/14/89	DRAFT COPY OF THE VERIFICATION REPORT OF THE NAVY ASSESSMENT AND CONTROL OF INSTALLATION POLLUTANTS (NACIP) PLAN WAS RECEIVED ON 01/08/88.Verification Report is inadequate to satisfy the requirements of Section 13273.A meeting with the discharger was held on April 18,88.It was agreed that in order to satisfy the basic requirements of Section 13273 in the most expeditious manner,the discharger has to submit the results of testing that would reliably indicate the effects of the landfill on the groundwater.The testing would include drilling at an angle beneath the wastes and obtaining soil samples.Groundwater samples will be collected from sampling holes drilled adjacent to the landfill.A workplan for completing the SWAT report was approved on July,1,1988.Revised SWAT report was received on 3/17/89.SWAT report indicates that no evidence of leachate was found in the monitoring wells in vicinity of the landfill.
SAN BERNARDINO COUNTY-BIG BEAR LANDFILL SAN BERNARDINO COUNTY HOLCOMB VALLEY ROAD,N.OF BALDWIN LAKE B BIG BEAR CITY, CA 92314		07/01/87	12/31/87	12/30/87	05/30/88	A	08/01/88	08/01/88	08/22/88	Replicate sampling results of verification monitoring were received 8/1/88.Verification report indicates that the site is not leaking contaminants to the ground water.Continous

STATUS OF SWAT REPORTS
FOR FACILITIES IN
COLORADO RIVER BASIN REGION 7

SITE NAME / SITE OPERATOR / SITE ADDRESS / WDS ID NUMBER	SWIS NUMBER	REPORT DUE DATE	ANTIC REPORT SUBMIT DATE	REPORT REC'D DATE	REPORT TARGET REVIEW DATE	REPORT STATUS	REPORT RE-SUB DUE DATE	REPORT RE-SUB REC'D DATE	REPORT APPROVAL DATE	REMARKS
7A360304281	36-AA-0056									monitoring will be performed through compliance with the existing Monitoring and Reporting Program,Order No.88-068.
** RANK 2										
* COUNTY: IMPERIAL										
U.S. GYPSUM COMPANY US GYPSUM COMPANY 3810 WEST HIGHWAY 80 PLASTER CITY, CA 92269 7A130303011		07/01/88	/ /	06/30/88	12/01/88	A	10/01/88	09/28/88	10/07/88	
* COUNTY: RIVERSIDE										
RIVERSIDE COUNTY-MECCA I LANDFILL (OLD) RIVERSIDE COUNTY 3 MILES SOUTH OF MECCA MECCA, CA 92254 7A330305131	33-AA-0014	07/01/88	/ /	07/06/88	05/30/90	R	04/01/91	/ /	/ /	Discharger was requested to verify the results of the SWAT initial sampling .Quarterly analyses results should be submitted by April 1,1990.
* COUNTY: SAN BERNARDINO										
SAN BERNARDINO COUNTY-LANDERS LANDFILL SAN BERNARDINO COUNTY PIONEER ROAD LANDERS, CA 92284 7A360304121	36-AA-0057	07/01/88	/ /	04/25/88	12/01/88	A	06/01/89	07/05/89	01/25/90	Final SWAT Report indicates that the site may be affecting groundwater. Continous monitoring is in progress.
SAN BERNARDINO COUNTY-TWENTYNINE PALMS LANDFI SAN BERNARDINO COUNTY 5M: E. 29 PALMS 29 PALMS, CA 92277 7A360304231	36-AA-0060	07/01/88	/ /	06/30/88	09/01/90	R	12/01/90	/ /	/ /	Verification report is due4/1/90.Discharger was requested to statistically determine any significant increase in constituents concentration in downgradient monitoring wells through quarterly sampling.
** RANK 3										
* COUNTY: IMPERIAL										
IT CORPORATION-WASTE MANAGEMENT UNIT #3 GSX SERVICES(IMPERIAL VALLEY) INC. 5295 S. GARVEY ROAD WESTMORLAND, CA 92281 7A130315001		07/01/89	/ /	07/10/89	03/01/91	P	/ /	/ /	/ /	
IMPERIAL COUNTY-CALEXICO LANDFILL		07/01/89	/ /	08/11/89	01/30/91	R	12/01/90	/ /	/ /	Discharger is conducting quarterly sampling to

STATUS OF SWAT REPORTS
FOR FACILITIES IN
COLORADO RIVER BASIN REGION 7

SITE NAME SITE OPERATOR SITE ADDRESS WDS ID NUMBER	SWIS NUMBER	REPORT DUE DATE	ANTIC REPORT SUBMIT DATE	REPORT REC'D DATE	REPORT TARGET REVIEW DATE	REPORT STATUS	REPORT RE-SUB DUE DATE	REPORT RE-SUB REC'D DATE	REPORT APPROVAL DATE	REMARKS
IMPERIAL COUNTY INTERSECTION OF HWY 98 & NEW RIVER CALEXICO, CA 92266 7A130301021	13-AA-0007									verify results of initial monitoring.Discharger was requested to install additional wells.
* COUNTY: RIVERSIDE										
PALM SPRINGS CITY LANDFILL CITY OF PALM SPRINGS RAMON ROAD/GENE AUTRY TRAIL PALM SPRINGS, CA 92263 7 330001NUR		07/01/89	/ /	04/06/89	07/01/90	R	11/15/90	10/15/91	/ /	Discharger was requested to conduct additional sampling and to modify the monitoring system by 11\15\91.
RIVERSIDE COUNTY-COACHELLA VALLEY LANDFILL RIVERSIDE COUNTY END OF 44 AVE. OFF DILLON RD COACHELLA, CA 92236 7A330305061	33-AA-0012	07/01/89	/ /	08/23/89	09/01/91	A	/ /	/ /	08/02/90	C&A Order No. 90-75 was issued against discharger requesting implementation of remediation plan at the site.
* COUNTY: SAN BERNARDINO										
SAN BERNARDINO COUNTY-NEEDLES LANDFILL CITY OF NEEDLES VIDAL JUNCTION ROAD, TWO MILES SOUTH OF NEEDLES, CA 92363 7B360304171	36-AA-0059	07/01/89	/ /	04/03/89	12/01/91	R	11/01/90	/ /	/ /	Discharger was requested to conduct addtional sampling.
UNITED STATES MARINE CORPS LANDFILL #3 US MRINE CORPS TWENTYNINE PALMS TWENTYNINE PALMS, CA 92278 7A360311011		07/01/89	10/01/90	/ /	02/01/92	L	/ /	/ /	/ /	

STATUS OF SWAT REPORTS
FOR FACILITIES IN
SANTA ANA REGION 8

SITE NAME / SITE OPERATOR / SITE ADDRESS / WDS ID NUMBER	SWIS NUMBER	REPORT DUE DATE	ANTIC REPORT SUBMIT DATE	REPORT REC'D DATE	REPORT TARGET REVIEW DATE	REPORT STATUS	REPORT RE-SUB. DUE DATE	REPORT RE-SUB REC'D DATE	REPORT APPROVAL DATE	REMARKS
** RANK 1										
* COUNTY: ORANGE										
CALIF. NATIONAL GUARD-US ARMED FORCES RESERVE CALIFORNIA ARMY NATIONAL GUARD ARMED FORCES RESERVE CENTER LOS ALAMITOS, CA 92720 8 302610NUR	30-AB-0029	07/01/87	05/18/88	05/24/88	06/13/88	A	09/30/88	06/29/88	08/03/90	Regional Board affirmed ACL issued 9-16-87 but suspended liability pending timely submittal of the SWAT report. Report was submitted within the timeframes established by the affirmation order. There are no waste discharge requirements for this site. All SWAT quarters are in and reviewed, as well as HAR for TPCA. New wells for HAR and Subch 15 currently being contracted.
CHEVRON USA-HUNTINGTON BEACH LEASE "A" SITE CHEVRON U.S.A., WESTERN REGION 20031 GOLDEN WEST STREET HUNTINGTON BEACH, CA 92646 8 300001NUR	30-AB-0170	07/01/87	/ /	09/04/87	01/31/88	A	07/01/88	02/19/88	04/20/88	
ORANGE COUNTY-SANTIAGO CANYON LANDFILL ORANGE COUNTY SANTIAGO CANYON RD SW OF IRVINE LAKE IRVINE, CA 92707 8 300302005	30-AB-0018	07/01/87	03/15/88	03/31/88	05/15/89	R	07/01/91	12/13/88	/ /	Extensive revisions of the report have been requested. Followup ground water monitoring data has been submitted which generally confirms earlier results showing site may be leaking wastes at concentrations below action levels. Resubmitted report is generally inadequate. Site hydrogeology is very complex and has not been adequately defined to ensure that all significant potential leakage pathways have been identified and monitored. Regional Board must review resubmitted SWAT and site closure plan when they are turned in. Only rejected SWAT.
MCCOLL SITE TOXIC SUBSTANCES CONTROL DIVISION SW OF ROSECRANS & SUNNYRIDGE FULLERTON, CA 8 300002NUR		07/01/87	07/01/88	/ /	/ /	W	/ /	/ /	/ /	Site investigation work completed during 1987 suggests that organic compounds are present in ground water samples from beneath the site. Confirmation studies conducted during 1988 demonstrated that hazardous substances originating from the site are present in ground water. A 13273(c) waiver has been issued.
ORANGE COUNTY-COYOTE CANYON LANDFILL WASTE MANAGEMENT DIVISION COYOTE CANYON RD 1 MI S OF BONITA CYN DR NEWPORT BEACH, CA 94040 8 300302001	30-AB-0017	07/01/87	/ /	/ /	/ /	W	/ /	/ /	/ /	A leachate control and recovery system - line of extraction wells - is in operation to reverse the hydraulic gradient, remove contaminated ground water, and to prevent pollutant migration. WDR's have been revised accordingly. Closure is scheduled to begin in March 1989.

STATUS OF SWAT REPORTS
FOR FACILITIES IN
SANTA ANA REGION 8

SITE NAME / SITE OPERATOR / SITE ADDRESS / WDS ID NUMBER	SWIS NUMBER	REPORT DUE DATE	ANTIC REPORT SUBMIT DATE	REPORT REC'D DATE	REPORT TARGET REVIEW DATE	REPORT STATUS	REPORT RE-SUB DUE DATE	REPORT RE-SUB REC'D DATE	REPORT APPROVAL DATE	REMARKS
* COUNTY: RIVERSIDE										
CRESCENT AUTO WRECKING 4620 VAN BUREN RIVERSIDE, CA 92503 8 330001NUR	33-AA-0057	07/01/87	/ /	/ /	/ /	N	/ /	/ /	/ /	A site evaluation was conducted just prior to the SWAT program which showed that the site had not leaked hazardous waste. All waste in the site was removed. Site deleted from SWAT list January 1990, pursuant to State Board Res. No. 88-7.
RIVERSIDE CITY-TEQUESQUITE LANDFILL CITY OF RIVERSIDE 5253 TEQUESQUITE AVE RIVERSIDE, CA 92501 8 330304002	33-AA-0001	07/01/87	06/15/88	06/10/88	10/01/88	A	/ /	/ /	10/26/88	Final closure is expected to begin in 1989. A closure plan is being developed which should provide for mitigation of landfill leakage. WDR's will be revised to reflect the status of the landfill once the closure plan is approved.
RIVERSIDE COUNTY-DOUBLE BUTTE LANDFILL RIVERSIDE COUNTY GRAND AVE 600 FT. W. WINCHESTER RD. WINCHESTER, CA 92396 8 330305012	33-AA-0008	07/01/87	01/19/88	01/27/88	02/01/91	R	01/01/91	08/19/88	/ /	Requested follow up quarterly ground water monitoring necessary to complete the SWAT was received by March 1990. County has been requested to conduct Subchapter 15 water level/water quality monitoring, and advised that failure to do so will result in enforcement action. Target date for final report review is Feb.1, 1991. Time schedule for completion of work on remaining SWAT deficiencies has been requested by September 21, 1990. ACL is likely.
RIVERSIDE COUNTY-HIGHGROVE LANDFILL RIVERSIDE COUNTY PIGEON PASS ROAD EAST OF HIGHGROVE HIGHGROVE, CA 92507 8 330305001	33-AA-0003	07/01/87	01/26/88	12/30/87	12/01/90	R	01/01/91	09/21/88	/ /	Requested follow up quarterly ground water monitoring necessary to complete SWAT has been carried out. Site operator has been requested to conduct additional Subchapter water level/water quality monitoring, and has been advised that failure to do so will result in enforcement action. Target date for final report review is Dec.1, 1990. Time schedule for completion of remaining SWAT deficiencies is requested by September 21, 1990. ACL likely.
RIVERSIDE COUNTY-WEST RIVERSIDE LANDFILL RIVERSIDE COUNTY HALL AVENUE RUBIDOUX, CA 92509 8 330305011	33-AA-0002	07/01/87	12/15/88	01/13/88	01/01/91	R	01/01/91	08/17/88	/ /	Requested monitoring to complete SWAT has been conducted and results received by March 1990. County has been requested to conduct additional water level/water quality monitoring and has been notified that failure to do so will result in enforcement action. Target final report review will be Jan.1, 1991. Time schedule for completion of remaining SWAT deficiencies is requested by September 21, 1990. ACL likely.

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SITE NAME SITE OPERATOR SITE ADDRESS WDS ID NUMBER	SWIS NUMBER	REPORT DUE DATE	ANTIC REPORT SUBMIT DATE	REPORT REC'D DATE	REPORT TARGET REVIEW DATE	REPORT STATUS	REPORT RE-SUB DUE DATE	REPORT RE-SUB REC'D DATE	REPORT APPROVAL DATE	REMARKS
RIVERSIDE COUNTY-CORONA LANDFILL RIVERSIDE COUNTY MAGNOLIA AVE. AND COMPTON CORONA, CA 91720 8 330305003	33-AA-0004	07/01/87	01/29/88	02/02/88	11/01/90	R	01/01/91	08/17/88	/ /	Necessary follow-up quarterly groundwater monitoring to complete SWAT has been completed. Operator has been requested to conduct Subchapter 15 water level/water quality monitoring and has been notified that failure to do so will result in enforcement action. Target date for final report review is Nov. 1, 1990. Time schedule for completion of remaining SWAT deficiencies is requested by September 21, 1990. ACL likely.
STATE OF CALIFORNIA-STRINGFELLOW QUARRY ACID TOXIC PROGRAM MANAGEMENT SECTION NORTH END OF PYRITE ROAD GLEN AVON, CA 92509 8 330325001		07/01/87	/ /	/ /	/ /	W	/ /	/ /	/ /	Organic compounds leaking from this former Class I site have created a large do wngradient contaminant plume. DoHS is conducting ongoing ground water quality monitoring using an extensive network of monitoring wells. Additional wells are planned to refine plume definition. Contaminated groundwater is being extracted and treated at an onsite treatment plant prior to offsite disposal. An interim closure was completed in 1982.
* COUNTY: SAN BERNARDINO										
REDLANDS CITY-CALIFORNIA STREET LANDFILL CITY OF REDLANDS N END OF CALIF. ST. REDLANDS, CA 92373 8 360303001	36-AA-0017	07/01/87	01/22/88	02/01/88	10/01/90	U	11/15/88	11/28/88	/ /	Results from two ground water monitoring events have been submitted; additional data is needed to finalize SWAT report. Followup monitoring confirms site leakage. Target date for final report review of both California Street and Rank 2 Church Street SWATs is October 1, 1990.
UPLAND CITY LANDFILL CITY OF UPLAND BETWEEN 14&15 ST. OFF CAMPUS AVE. UPLAND, CA 91786 8 360338001	36-AA-0005	07/01/87	06/22/88	08/19/88	09/01/90	U	05/31/89	05/01/89	/ /	Project has been delayed by extremely difficult drilling conditions. One 425-foot well took nearly six months to construct. An additional downgradient monitoring well and confirmation monitoring has been requested. Evaluation of this followup work on new third well is now being considered prior to report approval. Target date for final report review completion was Sept.1, 1990, but Upland is still submitting data to Region 8 through October 1990.
SAN BERNARDINO COUNTY-MILLIKEN LANDFILL SAN BERNARDINO COUNTY MILLIKEN AVENUE, 3/4 MILE N. OF RT. 60 ONTARIO, CA 91761 8 360304039	36-AA-0054	07/01/87	02/01/88	12/30/87	02/15/89	A	08/01/88	01/09/89	10/25/89	Into Subchapter 15 monitoring, methane recovery.

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SAN BERNARDINO COUNTY-COLTON LANDFILL SAN BERNARDINO COUNTY TROPICA RANCHO RD 1/2 MI W OF LA CADENA COLTON, CA 92324 8 360304022	36-AA-0051	07/01/87	02/01/88	12/30/87	01/05/89	A	09/01/88	11/22/88	09/05/89	Preliminary SWAT results suggest site is leaking. Site is scheduled for closure to begin in early 1989. Closure plan under development. Followup water quality monitoring confirms preliminary findings. EPA investigated site for possible priority listing.
SAN BERNARDINO COUNTY-VERDEMONT LANDFILL SAN BERNARDINO COUNTY CAJON BLVD 1/4 MI N OF PALM AVE MUSCOY, CA 92405 8 360304024	36-AA-0053	07/01/87	02/01/88	12/30/87	02/15/89	A	08/01/88	01/09/89	08/29/89	Contaminants reported may have originated offsite. Additional investigations may be necessary to determine the source of the contaminants reported.
SAN BERNARDINO COUNTY-FONTANA LANDFILL SAN BERNARDINO COUNTY 1/2 MI N OF HIGHLAND AVE 1/4 MI E OF SIE FONTANA, CA 92335 8 360304009	36-AA-0055	07/01/87	02/01/88	12/30/87	02/15/89	A	08/01/88	07/01/89	11/30/89	

** RANK 2

* COUNTY: ORANGE

ORANGE COUNTY-CANAL STREET ORANGE COUNTY W OF AT & SFRR BETWEEN NEWKIRK AND RT 91 ANAHEIM, CA 8 300003NUR		07/01/88	/ /	07/25/88	04/01/92	U	02/01/89	12/23/88	/ /	Additional ground water monitoring is being conducted to adequately assess leakage from the site. Ground water levels at site are strongly influenced by operations at an adjacent ground watre recharge facility. Projected review completion 4/1/92.
ORANGE COUNTY-OLINDA-ALPHA LANDFILL ORANGE COUNTY CARBON CANYON RD 1 MI NE OF VALENCIA AVE BREA, CA 92621 8 300302002	30-AB-0035	07/01/88	02/10/89	03/06/89	04/01/92	P	02/01/90	01/31/90	/ /	By agreement with County staff, report for Alpha Olinda includes an assessment report for the adjacent Olinda Landfill (Rank 4). Projected completion date 4/1/92. Operator needs a quarterly ground water monitoring program, however, no revision of WDRs or M&RP has been scheduled.
ORANGE COUNTY-STANTON ORANGE COUNTY SE CORNER STANTON & KNOTT STANTON, CA 90680 8 300004NUR		07/01/88	/ /	07/18/88	04/01/92	P	01/31/89	09/20/89	/ /	Preliminary findings suggest possible offsite sources for contaminants which appear to be present in ground water samples from the site. Projected final review for 4/1/92.

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* COUNTY: RIVERSIDE										
US AIR FORCE-MARCH AFB LANDFILL DEPARTMENT OF THE AIR FORCE MARCH AFB, CA 8 330002NUR		07/01/88	/ /	/ /	/ /	W	/ /	/ /	/ /	Waived--leaking.
RIVERSIDE COUNTY-MEAD VALLEY LANDFILL RIVERSIDE COUNTY END CARTER RD. OFF SAN JACINTO RD. PERRIS, CA 92370 8 330305019	33-AA-0009	07/01/88	09/01/88	07/28/88	04/01/92	P	10/30/88	02/03/89	/ /	Operator has been requested to conduct additional water level and water quality monitoring for Subch 15 and will be notified that failure to do so will result in enforcement action. Operator has not complied with this request. Projected final review 4/1/92. Time schedule has been requested by Sept. 21, 1990 from the County for completion of SWAT deficiencies. ACL likely.
RIVERSIDE COUNTY-ELSINORE LANDFILL RIVERSIDE COUNTY NE OF HWY 71 AT THE END OF LUGONIA ST. ELSINORE, CA 92330 8 330305005	33-AA-0005	07/01/88	09/01/88	08/12/88	04/01/92	P	10/30/88	02/03/89	/ /	Operator has been requested to conduct additional ground water monitoring on a quarterly basis. Requested followup monitoring has not been conducted. Operator has been notified that failure to carry out requested waterlevel and water quality monitoring will result in enforcement action. Projected final review 4/1/92. Time schedule has been requested by Sept.21, 1990 from Riverside County for completion of SWAT deficiencies. ACL likely.
RIVERSIDE COUNTY-IDYLLWILD LANDFILL RIVERSIDE COUNTY SAUNDERS MEADOW RD. OFF STATE RT 243 IDYLLWILD, CA 92349 8 330305002	33-AA-0010	07/01/88	09/01/88	08/16/88	04/01/92	P	10/30/88	02/03/89	/ /	Operator has been requested to conduct additional ground water monitoring to complete SWAT. Requested followup monitoring has not been done. Operator has been notified that failure to submit requested water level and water quality monitoring will result in enforcement action. Time schedule has been requested by Sept.21, 1990 from Riverside County for completion of SWAT deficiencies. ACL likely. Projected final review 4/1/92.
* COUNTY: SAN BERNARDINO										
REDLANDS CITY-CHURCH STREET LANDFILL CITY OF REDLANDS NO.END OF CHURCH ST. AT SANTA ANA RIVER REDLANDS, CA		07/01/88	10/01/88	10/14/88	04/01/92	P	01/30/89	/ /	/ /	A vandalized downgradient monitoring well was replaced and sampled prior to completing the SWAT report. Additional ground water testing has been requested

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8 360001NUR										and will be considered prior to approving the report. Final review will now be conducted in conjuntion with review of California Street Landfill, Rank 1, with target completion date October 1, 1990. The data requested from lysimeters has only been received this September. All wells currently dry.
RIALTO CITY LANDFILL CITY OF RIALTO EAST END OF SANTA ANA AVENUE RIALTO, CA 92376 8 360112002	36-AA-0250	07/01/88	/ /	06/28/88	04/01/92	P	12/31/88	/ /	/ /	Additional ground water monitoring has been submitted to complete four SWAT quarters, though two wells will have to be replaced from grading accident. Monitoring must continue under Chapter 15. Further followup, including revision of WDRs and/or M&RP, will be delayed beyond FY 89-90. Projected final review 4/1/92.
SAN BERNARDINO CITY-TRI-CITY CORPORATE CENTER CITY OF SAN BERNARDINO N OF VANDERBILT WAY & CARNEGIE DRIVE SAN BERNARDINO, CA 92408 8 360002NUR		07/01/88	/ /	07/01/88	04/01/92	P	12/13/88	02/21/89	/ /	Preliminary review of submitted data suggests site is leaking contaminants at concentrations above drinking water action levels. Followup ground water monitoring data is consistant with earlier results. Projected final review 4/1/92.
SAN BERNARDINO COUNTY-YUCAIPA LANDFILL SAN BERNARDINO COUNTY 1 MI N OF YUCAIPA BLVD 1 MI W OF BRYANT YUCAIPA, CA 92399 8 360304027	36-AA-0052	07/01/88	/ /	06/30/88	08/30/88	A	02/28/89	07/03/89	08/29/89	Followup ground water monitoring, including construction of an additional well, appears to confirm site is leaking. Closure design is under development. Further followup would include revision of WDRs and/or M&RP.
US AIR FORCE-NORTON AFB LANDFILL US AIR FORCE, NORTON AFB NORTH OF END OF 'U' STREET NORTON AFB, CA 92409 8 360003NUR		07/01/88	/ /	07/01/88	04/01/92	P	03/31/89	04/15/89	/ /	An interim SWAT report was prepared based in part on work being done for Norton AFB's IRP. A final SWAT report will be submitted upon completion of the current IRP phase, expected at some unspecified time. Projected final review 4/1/92.
** RANK 3										
* COUNTY: ORANGE ASCON LANDFILL-STEVERSON BROTHERS ASCON PROPERTIES, INC. 21641 MAGNOLIA AVE HUNTINGTON BEACH, CA 92646		07/01/89	07/01/91	/ /	/ /	L	/ /	/ /	/ /	SWAT work will be done within a HAR being done under the TPCA program.

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8 300005NUR	30-AB-0027									
ORANGE COUNTY-GATEWAY LONGSDON LANDFILL ORANGE COUNTY HARBOR & CHAPMAN GARDEN GROVE, CA 92642 8 300006NUR	30-AB-0356	07/01/89	08/15/89	07/14/89	04/01/93	P	/ /	/ /	/ /	
ORANGE COUNTY-SAN JOAQUIN ROAD ORANGE COUNTY SAN JOAQUIN RD & McARTHUR BLVD NEWPORT BEACH, CA 8 300007NUR		07/01/89	08/15/89	08/18/89	04/01/93	P	/ /	/ /	/ /	
ORANGE COUNTY-GOTHARD STREET LANDFILL ORANGE COUNTY GOTHARD ST. 1/4 MILE S/O TALBERT AVE. HUNTINGTON BEACH, CA 8 300008NUR	30-AB-0167	07/01/89	08/15/89	07/31/89	04/01/93	P	/ /	/ /	/ /	Located immediately south of Huntington Beach Landfill (Bruce Bros. Pit) and east of Ellis & Goldenwest Landfill.
* COUNTY: RIVERSIDE										
RIVERSIDE COUNTY-SAN TIMOTEO BADLANDS LANDFIL RIVERSIDE COUNTY IRONWOOD AVE N OF THEODORE ST OFF HWY 60 MORENO VALLEY, CA 8 330305020	33-AA-0006	07/01/89	/ /	07/14/89	04/01/93	P	/ /	/ /	/ /	
RIVERSIDE COUNTY-LAMB CANYON LANDFILL RIVERSIDE COUNTY LAMB CANYON RD. 3M. S. OF BEAUMONT BEAUMONT, CA 92223 8 330305004	33-AA-0007	07/01/89	/ /	07/14/89	04/01/93	P	/ /	/ /	/ /	
* COUNTY: SAN BERNARDINO										
BLACKLAND-PROPERTIES SITE Waterman Avenue & Santa Ana River SAN BERNARDINO, CA 8 360004NUR		07/01/89	/ /	07/25/89	04/01/93	P	/ /	/ /	/ /	
CONROCK-CLAREMONT/REGION 8 CONROCK COMPANY ARROW ROUTE,CLAREMONT/UPLAND CLAREMONT, CA 91711 8 360005NUR	36-AA-0082	07/01/89	/ /	/ /	/ /	D	/ /	/ /	/ /	All SWAT program activities for this site, which is partly in the Santa Ana Region and partly in the Los Angeles Region, are being directed by the Los Angeles Regional Board.

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SAN BERNARDINO COUNTY-SAN TIMOTEO CANYON LAND SAN BERNARDINO COUNTY SAN TIMOTEO CANYON RD REDLANDS, CA 92373 8 360304021	36-AA-0087	07/01/89	/ /	06/03/88	04/01/93	P	/ /	07/03/89	/ /	On their own initiative, the operator has conducted followup ground water monitoring and additional field work to more accurately describe the hydrogeology of the site. SWAT report submitted appears to be complete. Further review of this SWAT report will be delayed beyond FY 90-91.
LIVINGSTON-GRAHAM, REDLANDS TRI-CITY CONCRETE 8203 ALABAMA ST REDLANDS, CA 92373 8 362039002	36-AA-0065	07/01/89	/ /	06/16/89	04/01/93	P	/ /	09/15/89	/ /	Operator/owner anxious to close site after SWAT review.

STATUS OF SWAT REPORTS
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SITE NAME SITE OPERATOR SITE ADDRESS WDS ID NUMBER	SWIS NUMBER	REPORT DUE DATE	ANTIC REPORT SUBMIT DATE	REPORT REC'D DATE	REPORT TARGET REVIEW DATE	REPORT STATUS	REPORT RE-SUB DUE DATE	REPORT RE-SUB REC'D DATE	REPORT APPROVAL DATE	REMARKS
** RANK 1										
* COUNTY: ORANGE										
PRIMA DESHECHA CANADA LANDFILL ORANGE COUNTY SOUTH END OF LA PATA AVENUE SAN JUAN CAPISTRANO, CA 92675 9 000000261	30-AB-0019	07/01/87	03/30/90	02/08/90	03/19/90	A	02/08/90	02/08/90	03/19/90	
* COUNTY: SAN DIEGO										
SOUTH CHOLLAS LANDFILL CITY OF SAN DIEGO COLLEGE GROVE DRIVE SAN DIEGO, CA 92105 9 370012NUR	37-SS-0004	07/01/87	/ /	09/18/87	05/30/90	A	05/01/90	/ /	07/19/88	SWAT report indicated trace concentrations of volatile organic compounds in groundwater and unsaturated zone. A determination of the extent of leakage could not be reached due to limited sample analyses.
WEST MIRAMAR SOLID WASTE DISPOSAL FACILITY CITY OF SAN DIEGO 5180 MERCURY STREET SAN DIEGO, CA 92111 9 000000314		07/01/87	11/20/87	11/12/87	07/01/91	R	07/01/91	/ /	/ /	The SWAT report indicates that low concentrations of volatile organic compounds were identified in groundwater samples. A determination of whether the site leaks hazardous waste could not be made due to a lack of water chemical data.
BOX CANYON SANITARY LANDFILL MARINE CORPS SITE # 7 IAS CAMP PENDLETON, CA 92055 9 000000011	37-AA-0901	07/01/87	/ /	06/11/87	12/31/99	R	02/01/91	/ /	/ /	By RB letter, dated 12/2/88, the SWAT report monitoring pgrogram was determined to be inadequate and returned for correction. Further work at Camp Pendleton is being conducted under the CERCLA program. It is unknown at this time what the schedule is for the investigation at this site.
LAS PULGAS SANITARY LANDFILL MARINE CORPS SITE # 8 IAS CAMP PENDLETON, CA 92055 9 000000013	37-AA-0903	07/01/87	/ /	06/24/87	08/04/89	A	/ /	/ /	08/04/89	The SWAT report indicated that detectable concentrations of volatile organic compounds are present in the ground water east of the landfill, which exceed DOHS action levels. Due to limited water quality test data, determination of extent of leakage could not be made.
SAN ONOFRE SANITARY LANDFILL MARINE CORPS 3 MI E OF BASILONE GATE CAMP PENDLETON, CA 92055 9 000000012	37-AA-0902	07/01/87	/ /	06/11/87	08/07/89	R	12/31/99	/ /	/ /	The SWAT report indicated the presence of trace concentrations of volatile organic compounds in the vadose zone. However, ground water monitoring was not performed and the report was returned as incomplete. This site is being investigated under

STATUS OF SWAT REPORTS
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										the CERCLA program. Schedule is unknown at this time.
BUILDING 39 RUNOFF CATCHMENT NAVY SITE # 7 IAS SAN DIEGO, CA 9 370001NUR		07/01/87	/ /	/ /	/ /	N	/ /	/ /	/ /	See proposal remarks.
CHEMICAL WASTE DISPOSAL AREA NAVY SITE # 9 IAS SAN DIEGO, CA 9 370002NUR		07/01/87	/ /	/ /	/ /	N	/ /	/ /	/ /	See proposal remarks for Building 39 Runoff Catchment.
FUEL FARM SITE NAVY SITE #9 OLF IMP/# 1 NAS MIR , CA 9 370003NUR		07/01/87	/ /	/ /	/ /	N	/ /	/ /	/ /	See proposal remarks for Building 39 Runoff Catchment.
GOLF COURSE CHEMICAL RINSE AREA NAVY SITE # 3 IAS , CA 9 370004NUR		07/01/87	/ /	/ /	/ /	N	/ /	/ /	/ /	See proposal remarks for Building 39 Runoff Catchment.
GOLF COURSE GARBAGE DISPOSAL AREA NAVY SITE # 5 IAS , CA 9 370005NUR		07/01/87	/ /	12/23/88	07/31/89	A	/ /	/ /	07/31/89	SWAT report indicates that concentrations of volatile halocarbons and aromatic compounds in ground water samples at the landfill, which exceed DOHS action levels.
HERITAGE PARK SITE NAVY SITE # 6 IAS SAN DIEGO, CA 9 370006NUR		07/01/87	/ /	/ /	/ /	N	/ /	/ /	/ /	See proposal remarks for Building 39 Runoff Catchment.
INDUSTRIAL WASTE TREATMENT BEDS NAVY SITE # 11 IAS SAN DIEGO, CA 9 370007NUR		07/01/87	/ /	/ /	/ /	N	/ /	/ /	/ /	See proposal remarks for Building 39 Runoff Catchment.
OLD SPANISH BIGHT LANDFILL		07/01/87	07/01/91	/ /	/ /	L	/ /	/ /	/ /	RB letter, dated 6/30/88, requested a time schedule

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NAVY SITE # 2 IAS , CA 9 370008NUR										for submittal of SWAT report. No response recieved.
PROPERTY DISPOSAL AREA NAVY SITE # 10 IAS , CA 9 370009NUR		07/01/87	/ /	/ /	/ /	N	/ /	/ /	/ /	See proposal remarks for Building 39 Runoff Catchment.
PUBLIC WORKS SALVAGE YARD NAVY SITE # 4 IAS SA DIEGO, CA 9 370010NUR		07/01/87	/ /	/ /	/ /	N	/ /	/ /	/ /	See proposal remarks for Building 39 Runoff Catchment.
WEAPONS CENTER BOMBING RANGE NAVY SITE # 8 IAS SAN DIEGO, CA 9 370011NUR		07/01/87	/ /	/ /	/ /	N	/ /	/ /	/ /	See proposal remarks for Building 39 Runoff Catchment.
OMAR RENDERING CLASS I DISPOSAL SITE OMAR RENDERING COMPANY N OF OTAY VALLEY ROAD CHULA VISTA, CA 9 000000215		07/01/87	12/01/88	06/20/89	/ /	A	/ /	/ /	09/22/89	SWAT report indicates volatile organic compounds detected beneath former site of hazardous waste disposal ponds that exceed MCLs. A determination of extent of leakage could not be made due to limited sample analyses. Further monitoring will be required as specified by a Technical Change Order to the waste discharge requirements.
OTAY ANNEX SANITARY LANDFILL SAN DIEGO COUNTY 1 MI E OF HWY 805 ON OTAY VALLEY RD CHULA VISTA, CA 92011 9 000000214	37-AA-0010	07/01/87	/ /	06/26/87	07/01/91	R	07/01/91	/ /	/ /	See comments for Otay Class I landfill
OTAY VALLEY CLASS I DISPOSAL SITE SAN DIEGO COUNTY OTAY VALLEY ROAD CHULA VISTA, CA 92011 9 000000213	37-AA-0009	07/01/87	/ /	06/26/87	07/01/91	R	07/01/91	/ /	/ /	The SWAT report concluded that the first round of data indicates leachate from the landfill appears to have migrated into shallow groundwater, and to a lesser extent, deeper groundwater beneath the landfill. However, the second round indicates no leakage. A determination of whether the site leaks hazardous waste could not be reached due to insufficient analytical data. Final assessment of site must wait until completion of final two

STATUS OF SWAT REPORTS
FOR FACILITIES IN
SAN DIEGO REGION 9

SITE NAME SITE OPERATOR SITE ADDRESS WDS ID NUMBER	SWIS NUMBER	REPORT DUE DATE	ANTIC REPORT SUBMIT DATE	REPORT REC'D DATE	REPORT TARGET REVIEW DATE	REPORT STATUS	REPORT RE-SUB DUE DATE	REPORT RE-SUB REC'D DATE	REPORT APPROVAL DATE	REMARKS
										rounds in March 1990. Enforcement letter dated 12/28/89 issued to discharger.
SAN MARCOS SANITARY LANDFILL SAN DIEGO COUNTY QUESTHAVEN ROAD, 2 MILES EAST OF RANCHO SAN MARCOS, CA 92069 9 000000278	37-AA-0008	07/01/87	/ /	06/26/87	08/15/89	A	/ /	/ /	08/15/89	The SWAT report indicated that shallow and deeper groundwater is contaminated and that leachate from the landfill appears to have migrated into groundwater. County is to follow up with a vertification monitoring program. A Technical Change Order will be prepared to revise the monitoring program specified in the discharger's waste discharge requirements. County preparing RWD for expansion of landfill. Update of requirements will be prepared as part of expansion.
** RANK 2										
* COUNTY: ORANGE FORSTER CANYON LANDFILL ORANGE COUNTY FORSTER CYN RD E OF HWY I-5 SAN JUAN CAPISTRANO, CA 9 300001NUR		07/01/88	07/01/91	/ /	/ /	L	/ /	/ /	/ /	By letter dated November 7, 1989, the County notified staff that contract negotiations with Dames & Moore have been terminated and that negotiations with Camp Dreser & McKee Inc. to complete the SWAT investigations have been initiated.
* COUNTY: RIVERSIDE ANZA SANITARY LANDFILL RIVERSIDE COUNTY TERWILLIGER RD. 1/4 M. S. OF WELLMAN RD ANZA, CA 92306 9 000000204	33-AA-0013	07/01/88	/ /	07/14/88	07/01/92	U	09/11/89	09/11/89	/ /	The SWAT report indicated that concentrations iron and manganese in groundwater samples that were above MCLs. A determination of whether the site leaks hazardous waste could not be reached due to insufficient analytical data.
* COUNTY: SAN DIEGO MAXSON STREET LANDFILL CITY OF OCEANSIDE MAXSON STREET OCEANSIDE, CA 92054 9 370013NUR	37-AK-0006	07/01/88	/ /	08/18/89	07/01/92	R	07/01/91	/ /	/ /	Additional rounds of sampling must be submitted in order to demonstrate that the landfill has not leaked. Information is expected by July 1990. Fourth round obtained last week of February 1990.
MISSION AVENUE LANDFILL CITY OF OCEANSIDE		07/01/88	/ /	01/17/89	08/23/89	A	/ /	02/02/90	02/21/90	The report demonstrated that no hazardous waste has mitrated to the ground water from the landfill.

STATUS OF SWAT REPORTS
FOR FACILITIES IN
SAN DIEGO REGION 9

SITE NAME SITE OPERATOR SITE ADDRESS WDS ID NUMBER	SWIS NUMBER	REPORT DUE DATE	ANTIC REPORT SUBMIT DATE	REPORT REC'D DATE	REPORT TARGET REVIEW DATE	REPORT STATUS	REPORT RE-SUB DUE DATE	REPORT RE-SUB REC'D DATE	REPORT APPROVAL DATE	REMARKS
2070 MISSION AVE. OCEANSIDE, CA 92054 9 000000342	37-AK-0001									The report indicates higher concentrations of total dissolved solids and chlorides in downgradient wells. Further monitoring being conducted under the the closure requirements will determine if landfill presents threat to beneficial uses of basin.
MISSION BAY LANDFILL CITY OF SAN DIEGO SEA WORLD DRIVE SAN DIEGO, CA 92101 9 000000378	37-SS-0092	07/01/88	/ /	06/30/88	11/30/89	U	/ /	/ /	/ /	The June 30, 1988 SWAT report summarizes earlier site investigations and the landfill closure plan, prepared in 1985 to comply with Subchapter 15 requirements. The SWAT report notes that available information indicates that barrels containing waste acids, carbon tetrochloride, methylethyl ketone, cadmium wastes, toluene and zinc chromate were probably buried in the landfill. Allegedly such barrels were placed below the ground water table. The City estimated that about 130 barrels per acre could be deposited onsite. It is assumed that most, if not all, the barrels leaked through corrosion. Sampling data indicates that levels of volatile and base/neutral extractable organic compounds identified in the alluvial soil underlying the landfill are in the same order of magnitude as those reported for sediments in the Mission Bay area. Ground water was found to contain concentrations of heavy metals and organic compounds higher than those for Mission Bay and San Diego River channel. Impacts of the landfill to ground water are of concern only in that ground water may be a conduit of contamination to the San Diego River or Mission Bay. The monitoring and reporting program for the landfill will be reviewed by Regional Board staff to determine if additional surface water or sediment sampling is warranted.
NORTH MIRAMAR SANITARY LANDFILL CITY OF SAN DIEGO NORTH END OF MERCURY ST. BY MIRAMAR NAS SAN DIEGO, CA 92145 9 000000332	37-SS-0002	07/01/88	/ /	06/30/88	07/01/92	R	07/01/91	/ /	/ /	SWAT report is a copy of site investigation for the adjacent West Miramar Landfill, and has been reviewed together with that SWAT report. See report remarks for West Miramar Landfill. Low concentrations of volatile compounds were identified in ground water samples. A determination of extent of leakage could not be made due to insufficient analytical data.

STATUS OF SWAT REPORTS
FOR FACILITIES IN
SAN DIEGO REGION 9

SITE NAME SITE OPERATOR SITE ADDRESS WDS ID NUMBER	SWIS NUMBER	REPORT DUE DATE	ANTIC REPORT SUBMIT DATE	REPORT REC'D DATE	REPORT TARGET REVIEW DATE	REPORT STATUS	REPORT RE-SUB DUE DATE	REPORT RE-SUB REC'D DATE	REPORT APPROVAL DATE	REMARKS
ENCINITAS LANDFILL SAN DIEGO COUNTY 2099 ENCINITAS BLVD. ENCINITAS, CA 92024 9 370015NUR	37-AA-0016	07/01/88	10/01/88	10/07/88	07/01/92	R	07/01/91	/ /	/ /	Based upon one round of sampling,the SWAT report indicated low concentrations of volatile organic compounds in ground water. The Report did not conclude whether or not the landfill caused the contamination. A determination of whether the site leaks hazardous waste could not be determined due to insufficient analytical data. Additional wells and rounds of sampling requested. Enforcement letter dated 12/12/89 requires additional work at the site.
** RANK 3										
* COUNTY: SAN DIEGO										
DUCK POND LANDFILL BOULEVARD INVESTORS - BROWN MOTORS NATIONAL AVENUE & 31ST STREET NATIONAL CITY, CA 9 000000387		07/01/89	03/01/91	/ /	/ /	L	/ /	/ /	/ /	See proposal remarks for Bonsall Landfill.
SOUTH MIRAMAR LANDFILL CITY OF SAN DIEGO 5180 CONVOY STREET SAN DIEGO, CA 92111 9 000000363		07/01/89	12/30/90	/ /	/ /	L	/ /	/ /	/ /	6/29/88 RB letter requested a time schedule for submittal of SWAT proposal and report.
FIRE FIGHTING TRAINING AREA ENGINEERING COMMAND SITE # 6 IAS IMPERIAL BEACH, CA 9 370017NUR		07/01/89	07/01/91	/ /	/ /	L	/ /	/ /	/ /	6/29/88 RB letter requested a time schedule for submittal of SWAT proposal and report. No response received.
OLD REFUSE DISPOSAL AREA NAVAL AMPHIBIOUS BASE, CORONADO SITE # 2 IAS , CA 9 370018NUR		07/01/89	07/01/91	/ /	/ /	L	/ /	/ /	/ /	6/29/88 RB letter requested a time schedule for submittal of SWAT proposal and report. No response received.
SANDBLAST GRIT DISPOSAL AREA NAVAL AMPHIBIOUS BASE, CORONADO SITE # 4 IAS CORONADO, CA 9 370020NUR		07/01/89	07/01/91	/ /	/ /	L	/ /	/ /	/ /	6/29/88 RB letter requested a time schedule for submittal of SWAT proposal and report. No response received.

STATUS OF SWAT REPORTS
FOR FACILITIES IN
SAN DIEGO REGION 9

SITE NAME SITE OPERATOR SITE ADDRESS WDS ID NUMBER	SWIS NUMBER	REPORT DUE DATE	ANTIC REPORT SUBMIT DATE	REPORT REC'D DATE	REPORT TARGET REVIEW DATE	REPORT STATUS	REPORT RE-SUB DUE DATE	REPORT RE-SUB REC'D DATE	REPORT APPROVAL DATE	REMARKS
CAMP ELLIOT LANDFILL NAVY UNKNOWN SAN DIEGO, CA 92145 9 370016NUR	37-SS-0091	07/01/89	07/01/91	/ /	/ /	L	/ /	/ /	/ /	6/29/88 RB letter requested a time schedule for submittal of SWAT proposal and report. No response received.
SAN CLEMENTE CANYON BURN DUMP NAVY SITE # 5 IAS , CA 9 370019NUR		07/01/89	07/01/91	/ /	/ /	L	/ /	/ /	/ /	6/29/88 RB letter requested a time schedule for submittal of SWAT proposal and report. No response received.
BONSALL LANDFILL SAN DIEGO COUNTY 3.5M S OF BONSALL NARROWS ON TWIN OAKS V SAN MARCOS, CA 0 9 000000173	37-AA-0004	07/01/89	07/01/91	/ /	/ /	L	/ /	/ /	/ /	See proposal remarks Bonsall Landfill.
HILLSBOROUGH LANDFILL SAN DIEGO COUNTY HILLSBOROUGH HM ASS/SD UNIFIED SCH DIS SAN DIEGO, CA 9 370023NUR		07/01/90	07/01/91	/ /	/ /	L	/ /	/ /	/ /	See proposal remarks for Bonsall Landfill.
JAMACHA JUNCTION SANITARY LANDFILL SAN DIEGO COUNTY HWY 94, 1/2M. S. OF JAMACHA JUNCTION JAMACHA JUNCTION, CA 0 9 000000349	37-AA-0001	07/01/89	07/01/91	/ /	/ /	L	/ /	/ /	/ /	See proposal remarks for Bonsall Landfill.
SAN MARCOS LANDFILL (OLD) SAN DIEGO COUNTY RANCHO SANTA FE & LINDA VISTA RD SAN MARCOS, CA 9 370024NUR		07/01/91	07/01/91	/ /	/ /	L	/ /	/ /	/ /	See proposal remarks for Bonsall Landfill.
SYCAMORE CANYON LANDFILL SAN DIEGO COUNTY LITTLE SYCAMORE CANYON SANTEE, 14494 MAST BLVD., CA 92071 9 000000252	37-SS-0015	07/01/91	07/01/90	/ /	/ /		/ /	/ /	/ /	See proposal remarks for Bonsall Landfill.

APPENDIX III

SWAT REPORT SUMMARIES FOR ALL RANK 1, 2, & 3 REPORTS THAT HAVE BEEN APPROVED OR WAIVED BETWEEN OCTOBER 1, 1989 AND SEPTEMBER 30, 1990[9]

9 SWAT Summaries for those sites approved or waived prior to October 1, 1989, may be found in the "Solid Waste Assessment Test (SWAT) Program Report to the Legislature 1988-89" January 1990.

SOLID WASTE ASSESSMENT TEST (SWAT) REPORT SUMMARY

==========GENERAL DATA==========

SITE NAME: **TULELAKE-SHEEPY RIDGE LANDFILL** RANK: 1

REGION:1 INITIALS OF REGIONAL BOARD CONTACT:DSE WDS ID NUMBER:1A741410SIS SITE CLASSIFICATION:IIIN

DATE REPORT RECEIVED BY REGIONAL BOARD:07/05/88 ACTIVITY:OPEN

DATE REPORT APPROVED BY REGIONAL BOARD:11/06/89 SITE CHARACTER:SANITARY LANDFILL

REPORT STATUS:APPROVED SITE SIZE:GREATER THAN 100 ACRES

==========DATA SUBMITTED==========

	SURFACE WATER	GROUND WATER	UNSATURATED ZONE
NUMBER OF BACKGROUND SAMPLE LOCATIONS:	0	1	*
NUMBER OF DOWN-GRADIENT SAMPLE LOCATIONS:	0	3	*
TOTAL SAMPLE LOCATIONS:	0	4	*
NUMBER OF ROUNDS OF SAMPLING EVENTS:	0	1	*

==========FINDINGS REGARDING WATER CODE SUBSECTIONS 13273(d) & (e)==========

	SURFACE WATER	GROUND WATER	UNSATURATED ZONE
LEAKAGE DETECTED:			
HAZARDOUS WASTE (PER TITLE 22)?	A	N	*
WASTE CONSTITUENTS ABOVE DHS ACTION LEVELS?	A	N	*
WASTE CONSTITUENTS BELOW DHS ACTION LEVELS?	A	Y	*

Y = YES; N = NO; A = DATA ABSENT

U = WASTE CONSTITUENTS DETECTED BUT SOURCE OF LEAKAGE UNDETERMINED

* = MONITORING WAIVED BECAUSE IT IS INFEASIBLE OR NOT APPLICABLE

==========FINDINGS REGARDING PUBLIC RESOURCES CODE SECTION 45700==========

EVIDENCE REGARDING EXTENT OF HAZARDOUS WASTE IN SOLID WASTE DISPOSAL SITE:
Site is authorized to receive household wastes, nonhazardous agricultural wastes and triple rinsed pesticide containers.

EVIDENCE OF POTENTIAL EFFECTS THESE WASTES MAY HAVE UPON THE QUALITY OF WATERS OF THE STATE:
None at this time. Water in the vicinity is brackish.

ACTIONS NEEDED TO PROTECT THE QUALITY OF WATERS OF THE STATE:
It is suspected that minerals are discharging into shallow ground water. Site may be modified or closed since ground water is about five feet below the surface.

==========

ADDITIONAL COMMENTS (IF NECESSARY):

ARE EXISTING DRINKING WATER WELLS IMPACTED? N
DOES THE WASTE MANAGEMENT UNIT HAVE AN ENGINEERED CONTAINMENT SYSTEM? N
DESCRIBE SYSTEM:

SOLID WASTE ASSESSMENT TEST (SWAT) REPORT SUMMARY

==========GENERAL DATA==========

SITE NAME:**WILLITS CITY LANDFILL** RANK: 2

REGION:1 INITIALS OF REGIONAL BOARD CONTACT:DSE WDS ID NUMBER:1B75173OMEN SITE CLASSIFICATION:II-2

DATE REPORT RECEIVED BY REGIONAL BOARD:04/26/89 ACTIVITY:OPEN

DATE REPORT APPROVED BY REGIONAL BOARD:05/03/90 SITE CHARACTER:SANITARY LANDFILL

REPORT STATUS:APPROVED SITE SIZE:GREATER THAN 100 ACRES

==========DATA SUBMITTED==========

	SURFACE WATER	GROUND WATER	UNSATURATED ZONE
NUMBER OF BACKGROUND SAMPLE LOCATIONS:	0	1	*
NUMBER OF DOWN-GRADIENT SAMPLE LOCATIONS:	2	3	*
TOTAL SAMPLE LOCATIONS:	2	4	*
NUMBER OF ROUNDS OF SAMPLING EVENTS:	1	1	*

==========FINDINGS REGARDING WATER CODE SUBSECTIONS 13273(d) & (e)==========

	SURFACE WATER	GROUND WATER	UNSATURATED ZONE
LEAKAGE DETECTED:			
HAZARDOUS WASTE (PER TITLE 22)?	N	N	*
WASTE CONSTITUENTS ABOVE DHS ACTION LEVELS?	N	N	*
WASTE CONSTITUENTS BELOW DHS ACTION LEVELS?	N	Y	*

Y = YES; N = NO; A = DATA ABSENT

U = WASTE CONSTITUENTS DETECTED BUT SOURCE OF LEAKAGE UNDETERMINED

* = MONITORING WAIVED BECAUSE IT IS INFEASIBLE OR NOT APPLICABLE

==========FINDINGS REGARDING PUBLIC RESOURCES CODE SECTION 45700==========

EVIDENCE REGARDING EXTENT OF HAZARDOUS WASTE IN SOLID WASTE DISPOSAL SITE:
Site receives only municipal wastes. Hazardous wastes not permitted.

EVIDENCE OF POTENTIAL EFFECTS THESE WASTES MAY HAVE UPON THE QUALITY OF WATERS OF THE STATE:
Localized mineralization (calcium at 181 MG/L and Chloride at 240 MG/L).

ACTIONS NEEDED TO PROTECT THE QUALITY OF WATERS OF THE STATE:
Requested additional sampling and better definition of impacts on ground water quality downgradient.

==========

ADDITIONAL COMMENTS (IF NECESSARY):

ARE EXISTING DRINKING WATER WELLS IMPACTED? N
DOES THE WASTE MANAGEMENT UNIT HAVE AN ENGINEERED CONTAINMENT SYSTEM? N
DESCRIBE SYSTEM:

SOLID WASTE ASSESSMENT TEST (SWAT) REPORT SUMMARY

==========GENERAL DATA==========

SITE NAME:**MAKI, ALLEN WWDS** RANK: 3

REGION:1 INITIALS OF REGIONAL BOARD CONTACT:RGA WDS ID NUMBER:1B790480HUM SITE CLASSIFICATION:II-2

DATE REPORT RECEIVED BY REGIONAL BOARD:07/21/89 ACTIVITY:CLOSED

DATE REPORT APPROVED BY REGIONAL BOARD:04/10/90 SITE CHARACTER:SANITARY LANDFILL

REPORT STATUS:APPROVED SITE SIZE:BETWEEN 10 AND 100 ACRES

==========DATA SUBMITTED==========

	SURFACE WATER	GROUND WATER	UNSATURATED ZONE
NUMBER OF BACKGROUND SAMPLE LOCATIONS:	1	1	*
NUMBER OF DOWN-GRADIENT SAMPLE LOCATIONS:	1	3	*
TOTAL SAMPLE LOCATIONS:	2	4	*
NUMBER OF ROUNDS OF SAMPLING EVENTS:	2	16	*

==========FINDINGS REGARDING WATER CODE SUBSECTIONS 13273(d) & (e)==========

	SURFACE WATER	GROUND WATER	UNSATURATED ZONE
LEAKAGE DETECTED:			
HAZARDOUS WASTE (PER TITLE 22)?	N	N	*
WASTE CONSTITUENTS ABOVE DHS ACTION LEVELS?	N	N	*
WASTE CONSTITUENTS BELOW DHS ACTION LEVELS?	N	N	*

Y = YES; N = NO; A = DATA ABSENT

U = WASTE CONSTITUENTS DETECTED BUT SOURCE OF LEAKAGE UNDETERMINED

* = MONITORING WAIVED BECAUSE IT IS INFEASIBLE OR NOT APPLICABLE

==========FINDINGS REGARDING PUBLIC RESOURCES CODE SECTION 45700==========

EVIDENCE REGARDING EXTENT OF HAZARDOUS WASTE IN SOLID WASTE DISPOSAL SITE:
No evidence.

EVIDENCE OF POTENTIAL EFFECTS THESE WASTES MAY HAVE UPON THE QUALITY OF WATERS OF THE STATE:
No evidence.

ACTIONS NEEDED TO PROTECT THE QUALITY OF WATERS OF THE STATE:
Monitor post-closure maintenance of cap.

==========

ADDITIONAL COMMENTS (IF NECESSARY):
* Shallow ground water precludes vadose zone monitoring.

ARE EXISTING DRINKING WATER WELLS IMPACTED? N
DOES THE WASTE MANAGEMENT UNIT HAVE AN ENGINEERED CONTAINMENT SYSTEM? N
DESCRIBE SYSTEM:

SOLID WASTE ASSESSMENT TEST (SWAT) REPORT SUMMARY

==========GENERAL DATA==========

SITE NAME: **PALO ALTO CITY LANDFILL** RANK: 1

REGION:2 INITIALS OF REGIONAL BOARD CONTACT:JCF WDS ID NUMBER:2 438070001 SITE CLASSIFICATION:II-2

DATE REPORT RECEIVED BY REGIONAL BOARD:10/01/87 ACTIVITY:OPEN

DATE REPORT APPROVED BY REGIONAL BOARD:12/08/89 SITE CHARACTER:OTHER

REPORT STATUS:APPROVED SITE SIZE:GREATER THAN 100 ACRES

==========DATA SUBMITTED==========

	SURFACE WATER	GROUND WATER	UNSATURATED ZONE
NUMBER OF BACKGROUND SAMPLE LOCATIONS:	*	4	*
NUMBER OF DOWN-GRADIENT SAMPLE LOCATIONS:	*	7	*
TOTAL SAMPLE LOCATIONS:	*	11	*
NUMBER OF ROUNDS OF SAMPLING EVENTS:	*	4	*

==========FINDINGS REGARDING WATER CODE SUBSECTIONS 13273(d) & (e)==========

	SURFACE WATER	GROUND WATER	UNSATURATED ZONE
LEAKAGE DETECTED:			
HAZARDOUS WASTE (PER TITLE 22)?	*	N	*
WASTE CONSTITUENTS ABOVE DHS ACTION LEVELS?	*	N	*
WASTE CONSTITUENTS BELOW DHS ACTION LEVELS?	*	Y	*

Y = YES; N = NO; A = DATA ABSENT

U = WASTE CONSTITUENTS DETECTED BUT SOURCE OF LEAKAGE UNDETERMINED

* = MONITORING WAIVED BECAUSE IT IS INFEASIBLE OR NOT APPLICABLE

==========FINDINGS REGARDING PUBLIC RESOURCES CODE SECTION 45700==========

EVIDENCE REGARDING EXTENT OF HAZARDOUS WASTE IN SOLID WASTE DISPOSAL SITE:
Some waste constituents in shallow sand units.

EVIDENCE OF POTENTIAL EFFECTS THESE WASTES MAY HAVE UPON THE QUALITY OF WATERS OF THE STATE:
No conclusive evidence indicating landfill operation is impacting groundwater due to location in industrial area.

ACTIONS NEEDED TO PROTECT THE QUALITY OF WATERS OF THE STATE:
Continue closure activities, monitor self monitoring reports.

==========

ADDITIONAL COMMENTS (IF NECESSARY):
Recently installed new monitoring wells.
WDR updated in early 1988.
Will probably be open another 10 years.

ARE EXISTING DRINKING WATER WELLS IMPACTED? N
DOES THE WASTE MANAGEMENT UNIT HAVE AN ENGINEERED CONTAINMENT SYSTEM? N
DESCRIBE SYSTEM:

SOLID WASTE ASSESSMENT TEST (SWAT) REPORT SUMMARY

==========GENERAL DATA==========

SITE NAME: **GUADALUPE RUBBISH DISPOSAL** RANK: 1

REGION:2 INITIALS OF REGIONAL BOARD CONTACT:WBH WDS ID NUMBER:2 438068001 SITE CLASSIFICATION:III

DATE REPORT RECEIVED BY REGIONAL BOARD:07/02/87 ACTIVITY:OPEN

DATE REPORT APPROVED BY REGIONAL BOARD:08/02/90 SITE CHARACTER:OTHER

REPORT STATUS:APPROVED SITE SIZE:BETWEEN 10 AND 100 ACRES

==========DATA SUBMITTED==========

	SURFACE WATER	GROUND WATER	UNSATURATED ZONE
NUMBER OF BACKGROUND SAMPLE LOCATIONS:	0	1	*
NUMBER OF DOWN-GRADIENT SAMPLE LOCATIONS:	1	10	*
TOTAL SAMPLE LOCATIONS:	1	11	*
NUMBER OF ROUNDS OF SAMPLING EVENTS:	20	20	*

==========FINDINGS REGARDING WATER CODE SUBSECTIONS 13273(d) & (e)==========

	SURFACE WATER	GROUND WATER	UNSATURATED ZONE
LEAKAGE DETECTED:			
HAZARDOUS WASTE (PER TITLE 22)?	N	N	*
WASTE CONSTITUENTS ABOVE DHS ACTION LEVELS?	N	N	*
WASTE CONSTITUENTS BELOW DHS ACTION LEVELS?	N	Y	*

Y = YES; N = NO; A = DATA ABSENT

U = WASTE CONSTITUENTS DETECTED BUT SOURCE OF LEAKAGE UNDETERMINED

* = MONITORING WAIVED BECAUSE IT IS INFEASIBLE OR NOT APPLICABLE

==========FINDINGS REGARDING PUBLIC RESOURCES CODE SECTION 45700==========

EVIDENCE REGARDING EXTENT OF HAZARDOUS WASTE IN SOLID WASTE DISPOSAL SITE:
No manifests recording acceptance of hazardous wastes. It is assummed, due to age of facility, that previous acceptance has occurred & that household hazardous wastes are present.

EVIDENCE OF POTENTIAL EFFECTS THESE WASTES MAY HAVE UPON THE QUALITY OF WATERS OF THE STATE:
VOC's detected in ground water immediately downstream from facility containment toe berm.

ACTIONS NEEDED TO PROTECT THE QUALITY OF WATERS OF THE STATE:
Waste Discharge Permit (Order 90-139) updated 10/17/90. Permits expansion which requires containment of existing fill and a more comprehensive monitoring system.

==========

ADDITIONAL COMMENTS (IF NECESSARY):

ARE EXISTING DRINKING WATER WELLS IMPACTED? N
DOES THE WASTE MANAGEMENT UNIT HAVE AN ENGINEERED CONTAINMENT SYSTEM? Y
DESCRIBE SYSTEM:Toe Dam only; expansion to contain existing facility

SOLID WASTE ASSESSMENT TEST (SWAT) REPORT SUMMARY

==========GENERAL DATA==========

SITE NAME:**MOUNTAIN VIEW CITY DPW-SHORELINE PARK LANDFILL** RANK: 1

REGION:2 INITIALS OF REGIONAL BOARD CONTACT:JCF WDS ID NUMBER:2 438010002 SITE CLASSIFICATION:II-2

DATE REPORT RECEIVED BY REGIONAL BOARD:02/01/88 ACTIVITY:OPEN

DATE REPORT APPROVED BY REGIONAL BOARD:02/02/90 SITE CHARACTER:OTHER

REPORT STATUS:APPROVED SITE SIZE:GREATER THAN 100 ACRES

==========DATA SUBMITTED==========

	SURFACE WATER	GROUND WATER	UNSATURATED ZONE
NUMBER OF BACKGROUND SAMPLE LOCATIONS:	1	6	*
NUMBER OF DOWN-GRADIENT SAMPLE LOCATIONS:	3	23	*
TOTAL SAMPLE LOCATIONS:	4	29	*
NUMBER OF ROUNDS OF SAMPLING EVENTS:	8	8	*

==========FINDINGS REGARDING WATER CODE SUBSECTIONS 13273(d) & (e)==========

	SURFACE WATER	GROUND WATER	UNSATURATED ZONE
LEAKAGE DETECTED:			
HAZARDOUS WASTE (PER TITLE 22)?	N	N	*
WASTE CONSTITUENTS ABOVE DHS ACTION LEVELS?	U	U	*
WASTE CONSTITUENTS BELOW DHS ACTION LEVELS?	U	U	*

Y = YES; N = NO; A = DATA ABSENT

U = WASTE CONSTITUENTS DETECTED BUT SOURCE OF LEAKAGE UNDETERMINED

* = MONITORING WAIVED BECAUSE IT IS INFEASIBLE OR NOT APPLICABLE

==========FINDINGS REGARDING PUBLIC RESOURCES CODE SECTION 45700==========

EVIDENCE REGARDING EXTENT OF HAZARDOUS WASTE IN SOLID WASTE DISPOSAL SITE:
Difficult to determine; detection of solvents (TCE) may be from upgradient sources; difficult hydrogeology.

EVIDENCE OF POTENTIAL EFFECTS THESE WASTES MAY HAVE UPON THE QUALITY OF WATERS OF THE STATE:
Unknown

ACTIONS NEEDED TO PROTECT THE QUALITY OF WATERS OF THE STATE:

==========

ADDITIONAL COMMENTS (IF NECESSARY):
Steirlin Road Disposal Company Landfill is part of the Mountain View City Lanfill-Shoreline Park Landfill. The distinction of two separate landfills is incorrect and should not be made. 90% of landfill closed; closed area is irrigated park & golf course. Site downgradient of Superfund clean-up sites.

ARE EXISTING DRINKING WATER WELLS IMPACTED? N
DOES THE WASTE MANAGEMENT UNIT HAVE AN ENGINEERED CONTAINMENT SYSTEM? Y
DESCRIBE SYSTEM:Leachate collection only, effectiveness unknown.

SOLID WASTE ASSESSMENT TEST (SWAT) REPORT SUMMARY

==========GENERAL DATA==========

SITE NAME: **STIERLIN ROAD DISPOSAL COMPANY** RANK: 1

REGION:2 INITIALS OF REGIONAL BOARD CONTACT:JCF WDS ID NUMBER:2 438010002 SITE CLASSIFICATION:II-2

DATE REPORT RECEIVED BY REGIONAL BOARD:12/01/88 ACTIVITY:OPEN

DATE REPORT APPROVED BY REGIONAL BOARD:02/02/90 SITE CHARACTER:OTHER

REPORT STATUS:APPROVED SITE SIZE:BETWEEN 10 AND 100 ACRES

==========DATA SUBMITTED==========

	SURFACE WATER	GROUND WATER	UNSATURATED ZONE
NUMBER OF BACKGROUND SAMPLE LOCATIONS:	1	6	*
NUMBER OF DOWN-GRADIENT SAMPLE LOCATIONS:	3	23	*
TOTAL SAMPLE LOCATIONS:	4	29	*
NUMBER OF ROUNDS OF SAMPLING EVENTS:	8	8	*

==========FINDINGS REGARDING WATER CODE SUBSECTIONS 13273(d) & (e)==========

	SURFACE WATER	GROUND WATER	UNSATURATED ZONE
LEAKAGE DETECTED:			
HAZARDOUS WASTE (PER TITLE 22)?	N	N	*
WASTE CONSTITUENTS ABOVE DHS ACTION LEVELS?	U	U	*
WASTE CONSTITUENTS BELOW DHS ACTION LEVELS?	U	U	*

Y = YES; N = NO; A = DATA ABSENT

U = WASTE CONSTITUENTS DETECTED BUT SOURCE OF LEAKAGE UNDETERMINED

* = MONITORING WAIVED BECAUSE IT IS INFEASIBLE OR NOT APPLICABLE

==========FINDINGS REGARDING PUBLIC RESOURCES CODE SECTION 45700==========

EVIDENCE REGARDING EXTENT OF HAZARDOUS WASTE IN SOLID WASTE DISPOSAL SITE:
Difficult to determine; detection of solvents (TCE) may be from upgradient sources; difficult hydrogeology.

EVIDENCE OF POTENTIAL EFFECTS THESE WASTES MAY HAVE UPON THE QUALITY OF WATERS OF THE STATE:
Investigation continuing.

ACTIONS NEEDED TO PROTECT THE QUALITY OF WATERS OF THE STATE:
Investigation continuing.

==========

ADDITIONAL COMMENTS (IF NECESSARY):
Steirlin Road is part of the Mountain View City Landfill-Shoreline Park Landfill.

ARE EXISTING DRINKING WATER WELLS IMPACTED? N
DOES THE WASTE MANAGEMENT UNIT HAVE AN ENGINEERED CONTAINMENT SYSTEM? Y
DESCRIBE SYSTEM:Leachate collection only, effectiveness unkown.

SOLID WASTE ASSESSMENT TEST (SWAT) REPORT SUMMARY

==========GENERAL DATA==========

SITE NAME: **TIMBER COVE/WESTERN GRAVEL LANDFILL** RANK: 2

REGION:2 INITIALS OF REGIONAL BOARD CONTACT:JCF WDS ID NUMBER:2 430001NUR SITE CLASSIFICATION:III

DATE REPORT RECEIVED BY REGIONAL BOARD:05/04/90 ACTIVITY:CLOSED

DATE REPORT APPROVED BY REGIONAL BOARD:05/30/90 SITE CHARACTER:SANITARY LANDFILL

REPORT STATUS:APPROVED SITE SIZE:BETWEEN 10 AND 100 ACRES

==========DATA SUBMITTED==========

	SURFACE WATER	GROUND WATER	UNSATURATED ZONE
NUMBER OF BACKGROUND SAMPLE LOCATIONS:	*	1	*
NUMBER OF DOWN-GRADIENT SAMPLE LOCATIONS:	*	2	*
TOTAL SAMPLE LOCATIONS:	*	3	15
NUMBER OF ROUNDS OF SAMPLING EVENTS:	*	4	3

==========FINDINGS REGARDING WATER CODE SUBSECTIONS 13273(d) & (e)==========

	SURFACE WATER	GROUND WATER	UNSATURATED ZONE
LEAKAGE DETECTED:			
HAZARDOUS WASTE (PER TITLE 22)?	N	N	N
WASTE CONSTITUENTS ABOVE DHS ACTION LEVELS?	N	N	N
WASTE CONSTITUENTS BELOW DHS ACTION LEVELS?	N	N	Y

Y = YES; N = NO; A = DATA ABSENT

U = WASTE CONSTITUENTS DETECTED BUT SOURCE OF LEAKAGE UNDETERMINED

* = MONITORING WAIVED BECAUSE IT IS INFEASIBLE OR NOT APPLICABLE

==========FINDINGS REGARDING PUBLIC RESOURCES CODE SECTION 45700==========

EVIDENCE REGARDING EXTENT OF HAZARDOUS WASTE IN SOLID WASTE DISPOSAL SITE:
Evidence that small quantities of toluene disposed of at site, not anticipated to significantly impact groundwater

EVIDENCE OF POTENTIAL EFFECTS THESE WASTES MAY HAVE UPON THE QUALITY OF WATERS OF THE STATE:
Negligible.

ACTIONS NEEDED TO PROTECT THE QUALITY OF WATERS OF THE STATE:
None.

==========

ADDITIONAL COMMENTS (IF NECESSARY):
Based on soil gas information from the site and performed in nearby areas by RWQCB staff for other investigations, low levels of chlorinated hydrocarbons (TCE & DCE) were detected at levels at or near detection limits that are typical of the area which do not indicate landfill leakage.

ARE EXISTING DRINKING WATER WELLS IMPACTED? N
DOES THE WASTE MANAGEMENT UNIT HAVE AN ENGINEERED CONTAINMENT SYSTEM? N
DESCRIBE SYSTEM:

SOLID WASTE ASSESSMENT TEST (SWAT) REPORT SUMMARY

==========GENERAL DATA==========

SITE NAME: **CHEVRON CHEMICAL COMPANY-OLD SITES** RANK: 3

REGION:2 INITIALS OF REGIONAL BOARD CONTACT:JEK WDS ID NUMBER:2 071007002 SITE CLASSIFICATION:U

SITE WAIVED ON 08/18/89; NO DATA REVIEWED UNDER THE SWAT PROGRAM. ACTIVITY:CLOSED

OPERATOR AND REGIONAL BOARD CONCURRED THAT OTHER INFORMATION SITE CHARACTER:SURFACE IMPOUNDMENT

DEMONSTRATES THAT HAZARDOUS WASTES ARE MIGRATING INTO THE WATER. SITE SIZE:BETWEEN 10 AND 100 ACRES

==========DATA SUBMITTED==========

	SURFACE WATER	GROUND WATER	UNSATURATED ZONE
NUMBER OF BACKGROUND SAMPLE LOCATIONS:	2	10	*
NUMBER OF DOWN-GRADIENT SAMPLE LOCATIONS:	7	59	*
TOTAL SAMPLE LOCATIONS:	9	69	*
NUMBER OF ROUNDS OF SAMPLING EVENTS:	10	10	*

==========FINDINGS REGARDING WATER CODE SUBSECTIONS 13273(d) & (e)==========

	SURFACE WATER	GROUND WATER	UNSATURATED ZONE
LEAKAGE DETECTED:			
HAZARDOUS WASTE (PER TITLE 22)?	N	Y	*
WASTE CONSTITUENTS ABOVE DHS ACTION LEVELS?	N	Y	*
WASTE CONSTITUENTS BELOW DHS ACTION LEVELS?	Y	Y	*

Y = YES; N = NO; A = DATA ABSENT

U = WASTE CONSTITUENTS DETECTED BUT SOURCE OF LEAKAGE UNDETERMINED

* = MONITORING WAIVED BECAUSE IT IS INFEASIBLE OR NOT APPLICABLE

==========FINDINGS REGARDING PUBLIC RESOURCES CODE SECTION 45700==========

EVIDENCE REGARDING EXTENT OF HAZARDOUS WASTE IN SOLID WASTE DISPOSAL SITE:
Ground Water monitoring wells and soil chemical data

EVIDENCE OF POTENTIAL EFFECTS THESE WASTES MAY HAVE UPON THE QUALITY OF WATERS OF THE STATE:
Contaminated ground water and surface runoff may affect Castro Crk. and adjacent wetlands

ACTIONS NEEDED TO PROTECT THE QUALITY OF WATERS OF THE STATE:
Cut off wall with extraction trench; water treatement as req'd.

==========

ADDITIONAL COMMENTS (IF NECESSARY):

ARE EXISTING DRINKING WATER WELLS IMPACTED? N
DOES THE WASTE MANAGEMENT UNIT HAVE AN ENGINEERED CONTAINMENT SYSTEM? Y
DESCRIBE SYSTEM:Partial: Clay Berm, Aspemix cut-off wall

SOLID WASTE ASSESSMENT TEST (SWAT) REPORT SUMMARY

==========GENERAL DATA==========

SITE NAME: **SAN MATEO COUNTY SCAVENGER-OX MOUNTAIN LANDFILL** RANK: 3

REGION:2 INITIALS OF REGIONAL BOARD CONTACT:WBH WDS ID NUMBER:2 417053001 SITE CLASSIFICATION:II-2

DATE REPORT RECEIVED BY REGIONAL BOARD:07/05/89 ACTIVITY:OPEN

DATE REPORT APPROVED BY REGIONAL BOARD:05/10/90 SITE CHARACTER:SANITARY LANDFILL

REPORT STATUS:APPROVED SITE SIZE:GREATER THAN 100 ACRES

==========DATA SUBMITTED==========

	SURFACE WATER	GROUND WATER	UNSATURATED ZONE
NUMBER OF BACKGROUND SAMPLE LOCATIONS:	*	1	*
NUMBER OF DOWN-GRADIENT SAMPLE LOCATIONS:	*	12	*
TOTAL SAMPLE LOCATIONS:	*	13	*
NUMBER OF ROUNDS OF SAMPLING EVENTS:	*	4	*

==========FINDINGS REGARDING WATER CODE SUBSECTIONS 13273(d) & (e)==========

	SURFACE WATER	GROUND WATER	UNSATURATED ZONE
LEAKAGE DETECTED:			
HAZARDOUS WASTE (PER TITLE 22)?	*	N	*
WASTE CONSTITUENTS ABOVE DHS ACTION LEVELS?	*	Y	*
WASTE CONSTITUENTS BELOW DHS ACTION LEVELS?	*	Y	*

Y = YES; N = NO; A = DATA ABSENT

U = WASTE CONSTITUENTS DETECTED BUT SOURCE OF LEAKAGE UNDETERMINED

* = MONITORING WAIVED BECAUSE IT IS INFEASIBLE OR NOT APPLICABLE

==========FINDINGS REGARDING PUBLIC RESOURCES CODE SECTION 45700==========

EVIDENCE REGARDING EXTENT OF HAZARDOUS WASTE IN SOLID WASTE DISPOSAL SITE:
No evidence facility has accepted hazardous waste; assume household hazardous wastes are present.

EVIDENCE OF POTENTIAL EFFECTS THESE WASTES MAY HAVE UPON THE QUALITY OF WATERS OF THE STATE:
Down gradient monitoring wells have indicated low concentrations of VOC's (ug/l).

ACTIONS NEEDED TO PROTECT THE QUALITY OF WATERS OF THE STATE:
Containment/leachate collection system presently being installed; consists of cut-off trench, containment berm, leachate collection sump.

==========

ADDITIONAL COMMENTS (IF NECESSARY):

ARE EXISTING DRINKING WATER WELLS IMPACTED? N
DOES THE WASTE MANAGEMENT UNIT HAVE AN ENGINEERED CONTAINMENT SYSTEM? Y
DESCRIBE SYSTEM:Low permeability liner, leachate collection & recovery system.

SOLID WASTE ASSESSMENT TEST (SWAT) REPORT SUMMARY

==========GENERAL DATA==========

RANK: 2

SITE NAME: **BUENA VISTA LANDFILL**

REGION:3 INITIALS OF REGIONAL BOARD CONTACT:HH WDS ID NUMBER:3 440300002 SITE CLASSIFICATION:III

DATE REPORT RECEIVED BY REGIONAL BOARD:07/01/88 ACTIVITY:OPEN

DATE REPORT APPROVED BY REGIONAL BOARD:09/14/90 SITE CHARACTER:SANITARY LANDFILL

REPORT STATUS:APPROVED SITE SIZE:BETWEEN 10 AND 100 ACRES

==========DATA SUBMITTED==========

	SURFACE WATER	GROUND WATER	UNSATURATED ZONE
NUMBER OF BACKGROUND SAMPLE LOCATIONS:	1	1	1
NUMBER OF DOWN-GRADIENT SAMPLE LOCATIONS:	4	5	2
TOTAL SAMPLE LOCATIONS:	5	6	3
NUMBER OF ROUNDS OF SAMPLING EVENTS:	4	4	4

==========FINDINGS REGARDING WATER CODE SUBSECTIONS 13273(d) & (e)==========

	SURFACE WATER	GROUND WATER	UNSATURATED ZONE
LEAKAGE DETECTED:			
HAZARDOUS WASTE (PER TITLE 22)?	N	N	N
WASTE CONSTITUENTS ABOVE DHS ACTION LEVELS?	N	N	N
WASTE CONSTITUENTS BELOW DHS ACTION LEVELS?	N	N	N

Y = YES; N = NO; A = DATA ABSENT

U = WASTE CONSTITUENTS DETECTED BUT SOURCE OF LEAKAGE UNDETERMINED

* = MONITORING WAIVED BECAUSE IT IS INFEASIBLE OR NOT APPLICABLE

==========FINDINGS REGARDING PUBLIC RESOURCES CODE SECTION 45700==========

EVIDENCE REGARDING EXTENT OF HAZARDOUS WASTE IN SOLID WASTE DISPOSAL SITE:
No evidence.

EVIDENCE OF POTENTIAL EFFECTS THESE WASTES MAY HAVE UPON THE QUALITY OF WATERS OF THE STATE:
No evidence.

ACTIONS NEEDED TO PROTECT THE QUALITY OF WATERS OF THE STATE:
Continued close monitoring is recommended.

==========

ADDITIONAL COMMENTS (IF NECESSARY):

ARE EXISTING DRINKING WATER WELLS IMPACTED? N
DOES THE WASTE MANAGEMENT UNIT HAVE AN ENGINEERED CONTAINMENT SYSTEM? Y
DESCRIBE SYSTEM:Liner and LCRS in Modules I and II only. Older Modules do not.

SOLID WASTE ASSESSMENT TEST (SWAT) REPORT SUMMARY

==========GENERAL DATA==========

SITE NAME: **LOMPOC CITY LANDFILL** RANK: 3

REGION:3 INITIALS OF REGIONAL BOARD CONTACT:HH WDS ID NUMBER:3 420305001 SITE CLASSIFICATION:III

SITE WAIVED ON 01/25/89; NO DATA REVIEWED UNDER THE SWAT PROGRAM. ACTIVITY:OPEN

OPERATOR AND REGIONAL BOARD CONCURRED THAT OTHER INFORMATION SITE CHARACTER:SANITARY LANDFILL

DEMONSTRATES THAT HAZARDOUS WASTES ARE MIGRATING INTO THE WATER. SITE SIZE:GREATER THAN 100 ACRES

==========DATA SUBMITTED==========

	SURFACE WATER	GROUND WATER	UNSATURATED ZONE
NUMBER OF BACKGROUND SAMPLE LOCATIONS:	*	2	*
NUMBER OF DOWN-GRADIENT SAMPLE LOCATIONS:	*	5	*
TOTAL SAMPLE LOCATIONS:	*	7	*
NUMBER OF ROUNDS OF SAMPLING EVENTS:	*	4	*

==========FINDINGS REGARDING WATER CODE SUBSECTIONS 13273(d) & (e)==========

	SURFACE WATER	GROUND WATER	UNSATURATED ZONE
LEAKAGE DETECTED:			
HAZARDOUS WASTE (PER TITLE 22)?	*	Y	*
WASTE CONSTITUENTS ABOVE DHS ACTION LEVELS?	*	Y	*
WASTE CONSTITUENTS BELOW DHS ACTION LEVELS?	*	Y	*

Y = YES; N = NO; A = DATA ABSENT

U = WASTE CONSTITUENTS DETECTED BUT SOURCE OF LEAKAGE UNDETERMINED

* = MONITORING WAIVED BECAUSE IT IS INFEASIBLE OR NOT APPLICABLE

==========FINDINGS REGARDING PUBLIC RESOURCES CODE SECTION 45700==========

EVIDENCE REGARDING EXTENT OF HAZARDOUS WASTE IN SOLID WASTE DISPOSAL SITE:
Site not permitted to accept hazardous wastes. Household hazardous wastes may be the cause. Current Monitoring and Reporting Program (MRP) for this Landfill does not require surface water or vadose zone monitoring. MRP needs revision to include requirements for surface water and vadose zone monitoring.

EVIDENCE OF POTENTIAL EFFECTS THESE WASTES MAY HAVE UPON THE QUALITY OF WATERS OF THE STATE:
Volatile Organic Compounds identified down gradient of the site. Extent is limited to less than 500 feet down gradient of the site.

ACTIONS NEEDED TO PROTECT THE QUALITY OF WATERS OF THE STATE:
Implementation of a verification Monitoring program per Chapter 15.

==========

ADDITIONAL COMMENTS (IF NECESSARY):

ARE EXISTING DRINKING WATER WELLS IMPACTED? N
DOES THE WASTE MANAGEMENT UNIT HAVE AN ENGINEERED CONTAINMENT SYSTEM? N
DESCRIBE SYSTEM:

SOLID WASTE ASSESSMENT TEST (SWAT) REPORT SUMMARY

==========GENERAL DATA==========

SITE NAME: **VANDENBERG LANDFILL** RANK: 3

REGION:3 INITIALS OF REGIONAL BOARD CONTACT:DE WDS ID NUMBER:3 420306001 SITE CLASSIFICATION:III

DATE REPORT RECEIVED BY REGIONAL BOARD:06/22/89 ACTIVITY:OPEN

DATE REPORT APPROVED BY REGIONAL BOARD:12/15/89 SITE CHARACTER:SANITARY LANDFILL

REPORT STATUS:APPROVED SITE SIZE:BETWEEN 10 AND 100 ACRES

==========DATA SUBMITTED==========

	SURFACE WATER	GROUND WATER	UNSATURATED ZONE
NUMBER OF BACKGROUND SAMPLE LOCATIONS:	1	2	*
NUMBER OF DOWN-GRADIENT SAMPLE LOCATIONS:	3	10	*
TOTAL SAMPLE LOCATIONS:	4	12	*
NUMBER OF ROUNDS OF SAMPLING EVENTS:	2	2	*

==========FINDINGS REGARDING WATER CODE SUBSECTIONS 13273(d) & (e)==========

	SURFACE WATER	GROUND WATER	UNSATURATED ZONE
LEAKAGE DETECTED:			
HAZARDOUS WASTE (PER TITLE 22)?	N	N	*
WASTE CONSTITUENTS ABOVE DHS ACTION LEVELS?	N	Y	*
WASTE CONSTITUENTS BELOW DHS ACTION LEVELS?	Y	Y	*

Y = YES; N = NO; A = DATA ABSENT

U = WASTE CONSTITUENTS DETECTED BUT SOURCE OF LEAKAGE UNDETERMINED

* = MONITORING WAIVED BECAUSE IT IS INFEASIBLE OR NOT APPLICABLE

==========FINDINGS REGARDING PUBLIC RESOURCES CODE SECTION 45700==========

EVIDENCE REGARDING EXTENT OF HAZARDOUS WASTE IN SOLID WASTE DISPOSAL SITE:
Records are incomplete; it is unknown if hazardous wastes were disposed of at this site.

EVIDENCE OF POTENTIAL EFFECTS THESE WASTES MAY HAVE UPON THE QUALITY OF WATERS OF THE STATE:
SWAT monitoring has identied VOCs and pesticides in ground and surface water beneath and adjacent to the landfill. The SWAT Report also identified that ground water upgradient of the site is also contaminated; however further contamination is occurring beneath the landfill. Presently no drinking water wells are impacted, but continued migration will cause future problems. TCE in ground water at the extreme north of the mixed-waste landfill (3-WETSU-23 and 3-MW-3) ranging from a low of 140 micrograms/liter to a high of 35,000 micrograms/liter. Cis-1,2-FCE from 34 to 1,500 micrograms/liter was also found. Vinyl chloride at 17 micrograms/liter was also detected. Other low-level contaminants have also been detected. Currently the source of these contaminants is not known.

ACTIONS NEEDED TO PROTECT THE QUALITY OF WATERS OF THE STATE:
Corrective action. The Air Force has proposed the installation of a slurry wall at the base of the landfill to contain leachate contaminated ground water. This water would then be treated and used for irrigation on nearby areas. Budgetary problems have stalled the construction of the slurry wall.

==========

ADDITIONAL COMMENTS (IF NECESSARY):

ARE EXISTING DRINKING WATER WELLS IMPACTED? N
DOES THE WASTE MANAGEMENT UNIT HAVE AN ENGINEERED CONTAINMENT SYSTEM? N
DESCRIBE SYSTEM:

SOLID WASTE ASSESSMENT TEST (SWAT) REPORT SUMMARY

==========GENERAL DATA==========

SITE NAME: **PACHECO PASS LANDFILL** RANK: 3

REGION:3 INITIALS OF REGIONAL BOARD CONTACT:HH WDS ID NUMBER:3 430307001 SITE CLASSIFICATION:III

DATE REPORT RECEIVED BY REGIONAL BOARD:06/30/89 ACTIVITY:OPEN

DATE REPORT APPROVED BY REGIONAL BOARD:10/10/89 SITE CHARACTER:SANITARY LANDFILL

REPORT STATUS:APPROVED SITE SIZE:BETWEEN 10 AND 100 ACRES

==========DATA SUBMITTED==========

	SURFACE WATER	GROUND WATER	UNSATURATED ZONE
NUMBER OF BACKGROUND SAMPLE LOCATIONS:	*	1	
NUMBER OF DOWN-GRADIENT SAMPLE LOCATIONS:	*	11	9
TOTAL SAMPLE LOCATIONS:	*	12	9
NUMBER OF ROUNDS OF SAMPLING EVENTS:	*	4	2

==========FINDINGS REGARDING WATER CODE SUBSECTIONS 13273(d) & (e)==========

	SURFACE WATER	GROUND WATER	UNSATURATED ZONE
LEAKAGE DETECTED:			
HAZARDOUS WASTE (PER TITLE 22)?	*	N	N
WASTE CONSTITUENTS ABOVE DHS ACTION LEVELS?	*	Y	Y
WASTE CONSTITUENTS BELOW DHS ACTION LEVELS?	*	Y	Y

Y = YES; N = NO; A = DATA ABSENT

U = WASTE CONSTITUENTS DETECTED BUT SOURCE OF LEAKAGE UNDETERMINED

* = MONITORING WAIVED BECAUSE IT IS INFEASIBLE OR NOT APPLICABLE

==========FINDINGS REGARDING PUBLIC RESOURCES CODE SECTION 45700==========

EVIDENCE REGARDING EXTENT OF HAZARDOUS WASTE IN SOLID WASTE DISPOSAL SITE:
Household hazardous is believed to been disposed of at site. SWAT Report conclusions state that household wastes or commercial wastes, or both may have been unknowingly disposed of at the landfill.

EVIDENCE OF POTENTIAL EFFECTS THESE WASTES MAY HAVE UPON THE QUALITY OF WATERS OF THE STATE:
VOCs have been identified in ground water samples collected downgradient of the site. MCL's exceeded for several constituents in Wells E-4 and E-5. 1,4-Dichlorobenzene detected in well E-5 at 1.5 micrograms/liter. Methylene Chloride in well E-2 at 9.2 micrograms/liter. Acetone in wells E-1, E-11 at 102 and 29 micrograms /liter, respectively. MCLs were exceeded for the following: Vinyl Chloride in wells E-4 and E-5 at 9.9 to 38 micrograms/liter, Benzene in wells E-4, E-5, and E-12 at 1.9 to 2.9 micrograms /liter, and Trichloroethene in well E-5 at 1.0 to 9.0 micrograms/liter. Action levels exceeded for Cis-1,2-dichloroethene and tetra chloroethene in well E-5. Trace amounts of Organic Compounds detected in wells E-8, E-10, and E-11. Xylenes detected in wells E-4, E-5, and E-12 at 1.2 to 6.o micrograms/liter. Several Organic Compounds detected in the vadose zone soil samples at borings locations GR-2, GR-3, GR-6, GR-7, and GR-9. Shallow water near well E-4, E-5, E-8, E-10, E-11, and E-12 has apparantly been impacted.

ACTIONS NEEDED TO PROTECT THE QUALITY OF WATERS OF THE STATE:
Verification monitoring of the site has been initiated and further study of the situation is underway.

==========

ADDITIONAL COMMENTS (IF NECESSARY):

ARE EXISTING DRINKING WATER WELLS IMPACTED? N
DOES THE WASTE MANAGEMENT UNIT HAVE AN ENGINEERED CONTAINMENT SYSTEM? Y
DESCRIBE SYSTEM:Module A has composite liner, Old Area no liner

SOLID WASTE ASSESSMENT TEST (SWAT) REPORT SUMMARY

==========GENERAL DATA==========

SITE NAME: **BEN LOMOND LANDFILL** RANK: 3

REGION:3 INITIALS OF REGIONAL BOARD CONTACT:HH WDS ID NUMBER:3 440300001 SITE CLASSIFICATION:III

DATE REPORT RECEIVED BY REGIONAL BOARD:10/20/89 ACTIVITY:OPEN

DATE REPORT APPROVED BY REGIONAL BOARD:03/15/90 SITE CHARACTER:SANITARY LANDFILL

REPORT STATUS:APPROVED SITE SIZE:BETWEEN 10 AND 100 ACRES

==========DATA SUBMITTED==========

	SURFACE WATER	GROUND WATER	UNSATURATED ZONE
NUMBER OF BACKGROUND SAMPLE LOCATIONS:	1	1	1
NUMBER OF DOWN-GRADIENT SAMPLE LOCATIONS:	1	3	2
TOTAL SAMPLE LOCATIONS:	2	4	3
NUMBER OF ROUNDS OF SAMPLING EVENTS:	1	1	1

==========FINDINGS REGARDING WATER CODE SUBSECTIONS 13273(d) & (e)==========

	SURFACE WATER	GROUND WATER	UNSATURATED ZONE
LEAKAGE DETECTED:			
HAZARDOUS WASTE (PER TITLE 22)?	N	N	N
WASTE CONSTITUENTS ABOVE DHS ACTION LEVELS?	N	Y	N
WASTE CONSTITUENTS BELOW DHS ACTION LEVELS?	Y	Y	Y

Y = YES; N = NO; A = DATA ABSENT

U = WASTE CONSTITUENTS DETECTED BUT SOURCE OF LEAKAGE UNDETERMINED

* = MONITORING WAIVED BECAUSE IT IS INFEASIBLE OR NOT APPLICABLE

==========FINDINGS REGARDING PUBLIC RESOURCES CODE SECTION 45700==========

EVIDENCE REGARDING EXTENT OF HAZARDOUS WASTE IN SOLID WASTE DISPOSAL SITE:
Possible disposal of household hazardous waste has occurred. Hazardous waste disposal not permitted for this site.

EVIDENCE OF POTENTIAL EFFECTS THESE WASTES MAY HAVE UPON THE QUALITY OF WATERS OF THE STATE:
VOCs have been identified in downgradient ground water monitoring locations. MCLs were exceeded for benzene in ground water in wells MW-2 and MW-3. Cis-1,2-dichloroethene and 1,4-dichlorobenzene (5.0 micrograms/liter) in well MW-3. VOCs detected in downgradient wells MW-2 and MW-3. SWAT Report concludes that shallow ground water in the vicinity of wells MW-2 and MW-3 may have been impacted by Landfill operations.

ACTIONS NEEDED TO PROTECT THE QUALITY OF WATERS OF THE STATE:
Verfication monitoring has been initiated by the County to determine extent of contamination, and design of remediation system.

==========

ADDITIONAL COMMENTS (IF NECESSARY):

ARE EXISTING DRINKING WATER WELLS IMPACTED? N
DOES THE WASTE MANAGEMENT UNIT HAVE AN ENGINEERED CONTAINMENT SYSTEM? N
DESCRIBE SYSTEM:

SOLID WASTE ASSESSMENT TEST (SWAT) REPORT SUMMARY

==========GENERAL DATA==========

SITE NAME: **SHELDON ARLETA LANDFILL** RANK: 1

REGION:4 INITIALS OF REGIONAL BOARD CONTACT:DJP WDS ID NUMBER:4B190321003 SITE CLASSIFICATION:II-2

DATE REPORT RECEIVED BY REGIONAL BOARD:07/01/87 ACTIVITY:CLOSED

DATE REPORT APPROVED BY REGIONAL BOARD:02/09/90 SITE CHARACTER:SANITARY LANDFILL

REPORT STATUS:APPROVED SITE SIZE:BETWEEN 10 AND 100 ACRES

==========DATA SUBMITTED==========

	SURFACE WATER	GROUND WATER	UNSATURATED ZONE
NUMBER OF BACKGROUND SAMPLE LOCATIONS:	*	2	1
NUMBER OF DOWN-GRADIENT SAMPLE LOCATIONS:	*	4	2
TOTAL SAMPLE LOCATIONS:	*	6	3
NUMBER OF ROUNDS OF SAMPLING EVENTS:	*	4	0

==========FINDINGS REGARDING WATER CODE SUBSECTIONS 13273(d) & (e)==========

	SURFACE WATER	GROUND WATER	UNSATURATED ZONE
LEAKAGE DETECTED:			
HAZARDOUS WASTE (PER TITLE 22)?	*	U	A
WASTE CONSTITUENTS ABOVE DHS ACTION LEVELS?	*	U	A
WASTE CONSTITUENTS BELOW DHS ACTION LEVELS?	*	U	A

Y = YES; N = NO; A = DATA ABSENT

U = WASTE CONSTITUENTS DETECTED BUT SOURCE OF LEAKAGE UNDETERMINED

* = MONITORING WAIVED BECAUSE IT IS INFEASIBLE OR NOT APPLICABLE

==========FINDINGS REGARDING PUBLIC RESOURCES CODE SECTION 45700==========

EVIDENCE REGARDING EXTENT OF HAZARDOUS WASTE IN SOLID WASTE DISPOSAL SITE:
Household hazardous waste.

EVIDENCE OF POTENTIAL EFFECTS THESE WASTES MAY HAVE UPON THE QUALITY OF WATERS OF THE STATE:

ACTIONS NEEDED TO PROTECT THE QUALITY OF WATERS OF THE STATE:
Further monitoring requested to evaluate leakage under Chapter 15.

==========

ADDITIONAL COMMENTS (IF NECESSARY):
Wells were dry due to receding ground water levels during the SWAT monitoring. Therefore, leakage detected is unknown.

ARE EXISTING DRINKING WATER WELLS IMPACTED? N
DOES THE WASTE MANAGEMENT UNIT HAVE AN ENGINEERED CONTAINMENT SYSTEM? Y
DESCRIBE SYSTEM: Barrier of 8' permeable material, 8' clay, and 3' clay for gas.

SOLID WASTE ASSESSMENT TEST (SWAT) REPORT SUMMARY

==========GENERAL DATA==========

SITE NAME: **SCHOLL CANYON LANDFILL** RANK: 1

REGION:4 INITIALS OF REGIONAL BOARD CONTACT:PC WDS ID NUMBER:4B190322007 SITE CLASSIFICATION:II-2

DATE REPORT RECEIVED BY REGIONAL BOARD:07/01/87 ACTIVITY:OPEN

DATE REPORT APPROVED BY REGIONAL BOARD:08/17/90 SITE CHARACTER:SANITARY LANDFILL

REPORT STATUS:APPROVED SITE SIZE:GREATER THAN 100 ACRES

==========DATA SUBMITTED==========

	SURFACE WATER	GROUND WATER	UNSATURATED ZONE
NUMBER OF BACKGROUND SAMPLE LOCATIONS:	0	3	0
NUMBER OF DOWN-GRADIENT SAMPLE LOCATIONS:	1	9	1
TOTAL SAMPLE LOCATIONS:	1	15	1
NUMBER OF ROUNDS OF SAMPLING EVENTS:	1	4	1

==========FINDINGS REGARDING WATER CODE SUBSECTIONS 13273(d) & (e)==========

	SURFACE WATER	GROUND WATER	UNSATURATED ZONE
LEAKAGE DETECTED:			
HAZARDOUS WASTE (PER TITLE 22)?	N	N	N
WASTE CONSTITUENTS ABOVE DHS ACTION LEVELS?	N	Y	Y
WASTE CONSTITUENTS BELOW DHS ACTION LEVELS?	N	Y	Y

Y = YES; N = NO; A = DATA ABSENT

U = WASTE CONSTITUENTS DETECTED BUT SOURCE OF LEAKAGE UNDETERMINED

* = MONITORING WAIVED BECAUSE IT IS INFEASIBLE OR NOT APPLICABLE

==========FINDINGS REGARDING PUBLIC RESOURCES CODE SECTION 45700==========

EVIDENCE REGARDING EXTENT OF HAZARDOUS WASTE IN SOLID WASTE DISPOSAL SITE:
Household hazardous waste.

EVIDENCE OF POTENTIAL EFFECTS THESE WASTES MAY HAVE UPON THE QUALITY OF WATERS OF THE STATE:
Vinyl chloride (15 ppb), benzene (9 ppb), chlorobenzene, 1,1 DCA, 1,2 DCA, AND 1,2 DCE were detected above MCLs and ALs. COD, TDS, iron, manganese, barium, and chloride were higher than background.

ACTIONS NEEDED TO PROTECT THE QUALITY OF WATERS OF THE STATE:
Currently under verification monitoring program including the efficiency of the subsurface barrier No. 1.

==========

ADDITIONAL COMMENTS (IF NECESSARY):

ARE EXISTING DRINKING WATER WELLS IMPACTED? N
DOES THE WASTE MANAGEMENT UNIT HAVE AN ENGINEERED CONTAINMENT SYSTEM? Y
DESCRIBE SYSTEM:Subsurface barrier wall.

SOLID WASTE ASSESSMENT TEST (SWAT) REPORT SUMMARY

==========GENERAL DATA==========

SITE NAME:**MISSION CANYON LANDFILL NO. 8** RANK: 1

REGION:4 INITIALS OF REGIONAL BOARD CONTACT:BP WDS ID NUMBER:4B190322003 SITE CLASSIFICATION:II-2

DATE REPORT RECEIVED BY REGIONAL BOARD:07/31/87 ACTIVITY:OPEN

DATE REPORT APPROVED BY REGIONAL BOARD:05/10/90 SITE CHARACTER:SANITARY LANDFILL

REPORT STATUS:APPROVED SITE SIZE:GREATER THAN 100 ACRES

==========DATA SUBMITTED==========

	SURFACE WATER	GROUND WATER	UNSATURATED ZONE
NUMBER OF BACKGROUND SAMPLE LOCATIONS:	0	3	*
NUMBER OF DOWN-GRADIENT SAMPLE LOCATIONS:	1	2	*
TOTAL SAMPLE LOCATIONS:	1	5	*
NUMBER OF ROUNDS OF SAMPLING EVENTS:	0	5	*

==========FINDINGS REGARDING WATER CODE SUBSECTIONS 13273(d) & (e)==========

	SURFACE WATER	GROUND WATER	UNSATURATED ZONE
LEAKAGE DETECTED:			
HAZARDOUS WASTE (PER TITLE 22)?	A	N	*
WASTE CONSTITUENTS ABOVE DHS ACTION LEVELS?	A	Y	*
WASTE CONSTITUENTS BELOW DHS ACTION LEVELS?	A	Y	*

Y = YES; N = NO; A = DATA ABSENT

U = WASTE CONSTITUENTS DETECTED BUT SOURCE OF LEAKAGE UNDETERMINED

* = MONITORING WAIVED BECAUSE IT IS INFEASIBLE OR NOT APPLICABLE

==========FINDINGS REGARDING PUBLIC RESOURCES CODE SECTION 45700==========

EVIDENCE REGARDING EXTENT OF HAZARDOUS WASTE IN SOLID WASTE DISPOSAL SITE:
Household hazardous waste.

EVIDENCE OF POTENTIAL EFFECTS THESE WASTES MAY HAVE UPON THE QUALITY OF WATERS OF THE STATE:
Landfill gas contacted & contaminated the perched canyon ground water with organics above ALs. The landfill has a seep in the front which exceeds ALs for benzene & vinyl chloride with detectable concentration of other organics. This liquid is eventually channeled to a storm drain.

ACTIONS NEEDED TO PROTECT THE QUALITY OF WATERS OF THE STATE:
Approval of verification and corrective action measures are to be completed.

==========

ADDITIONAL COMMENTS (IF NECESSARY):
Unsaturated zone monitoring was waived because it is not feasible for this canyon landfill. No surface water data due to the dried springs during the SWAT program.

ARE EXISTING DRINKING WATER WELLS IMPACTED? N
DOES THE WASTE MANAGEMENT UNIT HAVE AN ENGINEERED CONTAINMENT SYSTEM? Y
DESCRIBE SYSTEM:1' clay barrier with leachate monitoring system.

SOLID WASTE ASSESSMENT TEST (SWAT) REPORT SUMMARY

==========GENERAL DATA==========

SITE NAME: **PALOS VERDES LANDFILL** RANK: 1

REGION:4 INITIALS OF REGIONAL BOARD CONTACT:BP WDS ID NUMBER:4 190001NUR SITE CLASSIFICATION:I

DATE REPORT RECEIVED BY REGIONAL BOARD: / / ACTIVITY:CLOSED

DATE REPORT APPROVED BY REGIONAL BOARD:06/11/90 SITE CHARACTER:SANITARY LANDFILL

REPORT STATUS:APPROVED SITE SIZE:GREATER THAN 100 ACRES

==========DATA SUBMITTED==========

	SURFACE WATER	GROUND WATER	UNSATURATED ZONE
NUMBER OF BACKGROUND SAMPLE LOCATIONS:	0	6	1
NUMBER OF DOWN-GRADIENT SAMPLE LOCATIONS:	1	55	5
TOTAL SAMPLE LOCATIONS:	1	61	6
NUMBER OF ROUNDS OF SAMPLING EVENTS:	1	2	2

==========FINDINGS REGARDING WATER CODE SUBSECTIONS 13273(d) & (e)==========

	SURFACE WATER	GROUND WATER	UNSATURATED ZONE
LEAKAGE DETECTED:			
HAZARDOUS WASTE (PER TITLE 22)?	U	U	U
WASTE CONSTITUENTS ABOVE DHS ACTION LEVELS?	U	U	U
WASTE CONSTITUENTS BELOW DHS ACTION LEVELS?	U	U	U

Y = YES; N = NO; A = DATA ABSENT

U = WASTE CONSTITUENTS DETECTED BUT SOURCE OF LEAKAGE UNDETERMINED

* = MONITORING WAIVED BECAUSE IT IS INFEASIBLE OR NOT APPLICABLE

==========FINDINGS REGARDING PUBLIC RESOURCES CODE SECTION 45700==========

EVIDENCE REGARDING EXTENT OF HAZARDOUS WASTE IN SOLID WASTE DISPOSAL SITE:
Former Class I facility.

EVIDENCE OF POTENTIAL EFFECTS THESE WASTES MAY HAVE UPON THE QUALITY OF WATERS OF THE STATE:
Subsequent to the submittal of the initial quarter of SWAT data, DHS requested a RI/FS. We have elected to utilize this study to fulfill their verification monitoring requirements, rather than continue to duplicate efforts at Palos Verdes. This concludes the required SWAT program. We will continue to review, comment upon and supplement all RI/FS requests through DHS.

ACTIONS NEEDED TO PROTECT THE QUALITY OF WATERS OF THE STATE:
Verification Monitoring

==========

ADDITIONAL COMMENTS (IF NECESSARY):
The charaterization of leakage will be done after DHS RI/FS. No water quality data available at this time.

ARE EXISTING DRINKING WATER WELLS IMPACTED? N
DOES THE WASTE MANAGEMENT UNIT HAVE AN ENGINEERED CONTAINMENT SYSTEM? Y
DESCRIBE SYSTEM:Subsurface barrier system.

SOLID WASTE ASSESSMENT TEST (SWAT) REPORT SUMMARY

==========GENERAL DATA==========

SITE NAME: **PUENTE HILLS LANDFILL** RANK: 1

REGION:4 INITIALS OF REGIONAL BOARD CONTACT:BP WDS ID NUMBER:4B190322006 SITE CLASSIFICATION:II-2

DATE REPORT RECEIVED BY REGIONAL BOARD:07/01/87 ACTIVITY:OPEN

DATE REPORT APPROVED BY REGIONAL BOARD:06/11/90 SITE CHARACTER:SANITARY LANDFILL

REPORT STATUS:APPROVED SITE SIZE:GREATER THAN 100 ACRES

==========DATA SUBMITTED==========

	SURFACE WATER	GROUND WATER	UNSATURATED ZONE
NUMBER OF BACKGROUND SAMPLE LOCATIONS:	0	18	6
NUMBER OF DOWN-GRADIENT SAMPLE LOCATIONS:	5	17	4
TOTAL SAMPLE LOCATIONS:	5	35	10
NUMBER OF ROUNDS OF SAMPLING EVENTS:	1	3	3

==========FINDINGS REGARDING WATER CODE SUBSECTIONS 13273(d) & (e)==========

	SURFACE WATER	GROUND WATER	UNSATURATED ZONE
LEAKAGE DETECTED:			
HAZARDOUS WASTE (PER TITLE 22)?	N	N	N
WASTE CONSTITUENTS ABOVE DHS ACTION LEVELS?	N	N	N
WASTE CONSTITUENTS BELOW DHS ACTION LEVELS?	N	Y	N

Y = YES; N = NO; A = DATA ABSENT

U = WASTE CONSTITUENTS DETECTED BUT SOURCE OF LEAKAGE UNDETERMINED

* = MONITORING WAIVED BECAUSE IT IS INFEASIBLE OR NOT APPLICABLE

==========FINDINGS REGARDING PUBLIC RESOURCES CODE SECTION 45700==========

EVIDENCE REGARDING EXTENT OF HAZARDOUS WASTE IN SOLID WASTE DISPOSAL SITE:
Early disposal records, fire department reports, and illegal disposal records describe hazardous waste disposal, surface and ground leakage, and fires.

EVIDENCE OF POTENTIAL EFFECTS THESE WASTES MAY HAVE UPON THE QUALITY OF WATERS OF THE STATE:
Detectable amounts of 1,1 DCA, TCE, 1,2 DCA, and other VOCs are present. Leachate indicators are negative; other constituents ind icate that the source is landfill gas rather than leachate. Because of complex hydrologic conditions, there is not sufficient evidence to prove that the landfill is not a source of pollution.

ACTIONS NEEDED TO PROTECT THE QUALITY OF WATERS OF THE STATE:
Enhancing gas collection and barrier system.

==========

ADDITIONAL COMMENTS (IF NECESSARY):

ARE EXISTING DRINKING WATER WELLS IMPACTED? N
DOES THE WASTE MANAGEMENT UNIT HAVE AN ENGINEERED CONTAINMENT SYSTEM? Y
DESCRIBE SYSTEM:Two subsurface barriers.

SOLID WASTE ASSESSMENT TEST (SWAT) REPORT SUMMARY

==========GENERAL DATA==========

SITE NAME: **SPADRA LANDFILL** RANK: 1

REGION:4 INITIALS OF REGIONAL BOARD CONTACT:DJP WDS ID NUMBER:4B190322008 SITE CLASSIFICATION:II-2

DATE REPORT RECEIVED BY REGIONAL BOARD:07/01/87 ACTIVITY:OPEN

DATE REPORT APPROVED BY REGIONAL BOARD:02/09/90 SITE CHARACTER:SANITARY LANDFILL

REPORT STATUS:APPROVED SITE SIZE:GREATER THAN 100 ACRES

==========DATA SUBMITTED==========

	SURFACE WATER	GROUND WATER	UNSATURATED ZONE
NUMBER OF BACKGROUND SAMPLE LOCATIONS:	0	2	3
NUMBER OF DOWN-GRADIENT SAMPLE LOCATIONS:	3	11	5
TOTAL SAMPLE LOCATIONS:	3	13	8
NUMBER OF ROUNDS OF SAMPLING EVENTS:	4	4	0

==========FINDINGS REGARDING WATER CODE SUBSECTIONS 13273(d) & (e)==========

	SURFACE WATER	GROUND WATER	UNSATURATED ZONE
LEAKAGE DETECTED:			
HAZARDOUS WASTE (PER TITLE 22)?	N	N	A
WASTE CONSTITUENTS ABOVE DHS ACTION LEVELS?	N	Y	A
WASTE CONSTITUENTS BELOW DHS ACTION LEVELS?	N	Y	A

Y = YES; N = NO; A = DATA ABSENT

U = WASTE CONSTITUENTS DETECTED BUT SOURCE OF LEAKAGE UNDETERMINED

* = MONITORING WAIVED BECAUSE IT IS INFEASIBLE OR NOT APPLICABLE

==========FINDINGS REGARDING PUBLIC RESOURCES CODE SECTION 45700==========

EVIDENCE REGARDING EXTENT OF HAZARDOUS WASTE IN SOLID WASTE DISPOSAL SITE:
Records of illegal disposal. Household hazardous waste.

EVIDENCE OF POTENTIAL EFFECTS THESE WASTES MAY HAVE UPON THE QUALITY OF WATERS OF THE STATE:
The elevated levels of VOCs, TCE (190 ppb), PCE (180 ppb), 1,1 DCA (120 ppb), vinyl chloride (60 ppb), found in the downgradient wells are primarily the result of landfill gas, since these wells contain very low BOD & elevated carbon dioxide levels.

ACTIONS NEEDED TO PROTECT THE QUALITY OF WATERS OF THE STATE:
Require unsaturated zone monitoring and verification monitoring program.

==========

ADDITIONAL COMMENTS (IF NECESSARY):
The site geology is complex, with areas having naturally high background levels of general inorganic constituents. The unsaturated zone monitoring was proposed but never been tested.

ARE EXISTING DRINKING WATER WELLS IMPACTED? N
DOES THE WASTE MANAGEMENT UNIT HAVE AN ENGINEERED CONTAINMENT SYSTEM? Y
DESCRIBE SYSTEM:Two cement-bentonite subsurface barriers.

SOLID WASTE ASSESSMENT TEST (SWAT) REPORT SUMMARY

==========GENERAL DATA==========

SITE NAME: **BURBANK CITY-STOUGH PARK LANDFILL** RANK: 2

REGION:4 INITIALS OF REGIONAL BOARD CONTACT:WP WDS ID NUMBER:4B190309001 SITE CLASSIFICATION:IIIN

DATE REPORT RECEIVED BY REGIONAL BOARD:06/27/88 ACTIVITY:OPEN

DATE REPORT APPROVED BY REGIONAL BOARD:04/16/90 SITE CHARACTER:SANITARY LANDFILL

REPORT STATUS:APPROVED SITE SIZE:BETWEEN 10 AND 100 ACRES

==========DATA SUBMITTED==========

	SURFACE WATER	GROUND WATER	UNSATURATED ZONE
NUMBER OF BACKGROUND SAMPLE LOCATIONS:	*	1	*
NUMBER OF DOWN-GRADIENT SAMPLE LOCATIONS:	*	7	*
TOTAL SAMPLE LOCATIONS:	*	8	*
NUMBER OF ROUNDS OF SAMPLING EVENTS:	*	23	*

==========FINDINGS REGARDING WATER CODE SUBSECTIONS 13273(d) & (e)==========

	SURFACE WATER	GROUND WATER	UNSATURATED ZONE
LEAKAGE DETECTED:			
HAZARDOUS WASTE (PER TITLE 22)?	*	N	*
WASTE CONSTITUENTS ABOVE DHS ACTION LEVELS?	*	Y	*
WASTE CONSTITUENTS BELOW DHS ACTION LEVELS?	*	Y	*

Y = YES; N = NO; A = DATA ABSENT

U = WASTE CONSTITUENTS DETECTED BUT SOURCE OF LEAKAGE UNDETERMINED

* = MONITORING WAIVED BECAUSE IT IS INFEASIBLE OR NOT APPLICABLE

==========FINDINGS REGARDING PUBLIC RESOURCES CODE SECTION 45700==========

EVIDENCE REGARDING EXTENT OF HAZARDOUS WASTE IN SOLID WASTE DISPOSAL SITE:
Household hazardous waste.

EVIDENCE OF POTENTIAL EFFECTS THESE WASTES MAY HAVE UPON THE QUALITY OF WATERS OF THE STATE:
CIRCUMSTANTIAL ONLY, BASED ON DETECTION OF BENZENE, VINYL CHLORIDE, TRICHLOROETHYLENE, AND TETRACHLOROETHYLENE IN DOWNGRADIENT GROUND WATER SAMPLES. CONCENTRATION OF BENZENE AND VINYL CHOLRIDE (24 ppb) IN SAMPLES FROM MW-8 EXCEED ALS.

ACTIONS NEEDED TO PROTECT THE QUALITY OF WATERS OF THE STATE:
Require verification monitoring program.

==========

ADDITIONAL COMMENTS (IF NECESSARY):

ARE EXISTING DRINKING WATER WELLS IMPACTED? N
DOES THE WASTE MANAGEMENT UNIT HAVE AN ENGINEERED CONTAINMENT SYSTEM? N
DESCRIBE SYSTEM:

SOLID WASTE ASSESSMENT TEST (SWAT) REPORT SUMMARY

==========GENERAL DATA==========

SITE NAME: **NU-WAY INDUSTRIES LANDFILL** RANK: 2

REGION:4 INITIALS OF REGIONAL BOARD CONTACT:DJP WDS ID NUMBER:4B190331001 SITE CLASSIFICATION:III

DATE REPORT RECEIVED BY REGIONAL BOARD:07/01/88 ACTIVITY:OPEN

DATE REPORT APPROVED BY REGIONAL BOARD:02/09/90 SITE CHARACTER:SANITARY LANDFILL

REPORT STATUS:APPROVED SITE SIZE:BETWEEN 10 AND 100 ACRES

==========DATA SUBMITTED==========

	SURFACE WATER	GROUND WATER	UNSATURATED ZONE
NUMBER OF BACKGROUND SAMPLE LOCATIONS:	0	1	0
NUMBER OF DOWN-GRADIENT SAMPLE LOCATIONS:	0	2	1
TOTAL SAMPLE LOCATIONS:	0	3	1
NUMBER OF ROUNDS OF SAMPLING EVENTS:	0	4	0

==========FINDINGS REGARDING WATER CODE SUBSECTIONS 13273(d) & (e)==========

	SURFACE WATER	GROUND WATER	UNSATURATED ZONE
LEAKAGE DETECTED:			
HAZARDOUS WASTE (PER TITLE 22)?	A	N	A
WASTE CONSTITUENTS ABOVE DHS ACTION LEVELS?	A	N	A
WASTE CONSTITUENTS BELOW DHS ACTION LEVELS?	A	Y	A

Y = YES; N = NO; A = DATA ABSENT

U = WASTE CONSTITUENTS DETECTED BUT SOURCE OF LEAKAGE UNDETERMINED

* = MONITORING WAIVED BECAUSE IT IS INFEASIBLE OR NOT APPLICABLE

==========FINDINGS REGARDING PUBLIC RESOURCES CODE SECTION 45700==========

EVIDENCE REGARDING EXTENT OF HAZARDOUS WASTE IN SOLID WASTE DISPOSAL SITE:
No evidence.

EVIDENCE OF POTENTIAL EFFECTS THESE WASTES MAY HAVE UPON THE QUALITY OF WATERS OF THE STATE:
Only one monitoring well, MW-1, continued to show elevated level concentrations of metals, arsenic, and VOCs such as benzene, toluene, and unspecified hydrocarbons.

ACTIONS NEEDED TO PROTECT THE QUALITY OF WATERS OF THE STATE:
The source of the contamination in well MW-1 should be determined under verification monitoring program.

==========

ADDITIONAL COMMENTS (IF NECESSARY):
No data for surface water and unsaturated zone due to the dried spring and unsaturated zone.

ARE EXISTING DRINKING WATER WELLS IMPACTED? N
DOES THE WASTE MANAGEMENT UNIT HAVE AN ENGINEERED CONTAINMENT SYSTEM? N
DESCRIBE SYSTEM:

SOLID WASTE ASSESSMENT TEST (SWAT) REPORT SUMMARY

==========GENERAL DATA==========

SITE NAME: **VALLEY RECLAMATION COMPANY-BENTZ LANDFILL** RANK: 2

REGION:4 INITIALS OF REGIONAL BOARD CONTACT:DJP WDS ID NUMBER:4 190005NUR SITE CLASSIFICATION:II

DATE REPORT RECEIVED BY REGIONAL BOARD:07/01/88 ACTIVITY:CLOSED

DATE REPORT APPROVED BY REGIONAL BOARD:02/09/90 SITE CHARACTER:SANITARY LANDFILL

REPORT STATUS:APPROVED SITE SIZE:LESS THAN 10 ACRES

==========DATA SUBMITTED==========

	SURFACE WATER	GROUND WATER	UNSATURATED ZONE
NUMBER OF BACKGROUND SAMPLE LOCATIONS:	0	1	*
NUMBER OF DOWN-GRADIENT SAMPLE LOCATIONS:	0	2	*
TOTAL SAMPLE LOCATIONS:	0	3	*
NUMBER OF ROUNDS OF SAMPLING EVENTS:	0	4	*

==========FINDINGS REGARDING WATER CODE SUBSECTIONS 13273(d) & (e)==========

	SURFACE WATER	GROUND WATER	UNSATURATED ZONE
LEAKAGE DETECTED:			
HAZARDOUS WASTE (PER TITLE 22)?	*	N	*
WASTE CONSTITUENTS ABOVE DHS ACTION LEVELS?	*	Y	*
WASTE CONSTITUENTS BELOW DHS ACTION LEVELS?	*	Y	*

Y = YES; N = NO; A = DATA ABSENT

U = WASTE CONSTITUENTS DETECTED BUT SOURCE OF LEAKAGE UNDETERMINED

* = MONITORING WAIVED BECAUSE IT IS INFEASIBLE OR NOT APPLICABLE

==========FINDINGS REGARDING PUBLIC RESOURCES CODE SECTION 45700==========

EVIDENCE REGARDING EXTENT OF HAZARDOUS WASTE IN SOLID WASTE DISPOSAL SITE:
Household hazardous waste.

EVIDENCE OF POTENTIAL EFFECTS THESE WASTES MAY HAVE UPON THE QUALITY OF WATERS OF THE STATE:
Elevated levels of PCE were found in a downgradient well. However, landfill gas & leachate indicator parameters were only slightly increased in the downgradient wells.

ACTIONS NEEDED TO PROTECT THE QUALITY OF WATERS OF THE STATE:
Further monitoring required under verification monitoring program.

==========

ADDITIONAL COMMENTS (IF NECESSARY):
No surface water data due to the dried spring during the SWAT program.

ARE EXISTING DRINKING WATER WELLS IMPACTED? N
DOES THE WASTE MANAGEMENT UNIT HAVE AN ENGINEERED CONTAINMENT SYSTEM? N
DESCRIBE SYSTEM:

SOLID WASTE ASSESSMENT TEST (SWAT) REPORT SUMMARY

==========GENERAL DATA==========

SITE NAME: **VALLEY RECLAMATION COMPANY-GREGG PIT** RANK: 2

REGION:4 INITIALS OF REGIONAL BOARD CONTACT:DJP WDS ID NUMBER:4 190007NUR SITE CLASSIFICATION:II

DATE REPORT RECEIVED BY REGIONAL BOARD:07/01/88 ACTIVITY:CLOSED

DATE REPORT APPROVED BY REGIONAL BOARD:02/09/90 SITE CHARACTER:SANITARY LANDFILL

REPORT STATUS:APPROVED SITE SIZE:BETWEEN 10 AND 100 ACRES

==========DATA SUBMITTED==========

	SURFACE WATER	GROUND WATER	UNSATURATED ZONE
NUMBER OF BACKGROUND SAMPLE LOCATIONS:	0	1	*
NUMBER OF DOWN-GRADIENT SAMPLE LOCATIONS:	0	2	*
TOTAL SAMPLE LOCATIONS:	0	3	*
NUMBER OF ROUNDS OF SAMPLING EVENTS:	0	4	*

==========FINDINGS REGARDING WATER CODE SUBSECTIONS 13273(d) & (e)==========

	SURFACE WATER	GROUND WATER	UNSATURATED ZONE
LEAKAGE DETECTED:			
HAZARDOUS WASTE (PER TITLE 22)?	A	N	*
WASTE CONSTITUENTS ABOVE DHS ACTION LEVELS?	A	Y	*
WASTE CONSTITUENTS BELOW DHS ACTION LEVELS?	A	Y	*

Y = YES; N = NO; A = DATA ABSENT

U = WASTE CONSTITUENTS DETECTED BUT SOURCE OF LEAKAGE UNDETERMINED

* = MONITORING WAIVED BECAUSE IT IS INFEASIBLE OR NOT APPLICABLE

==========FINDINGS REGARDING PUBLIC RESOURCES CODE SECTION 45700==========

EVIDENCE REGARDING EXTENT OF HAZARDOUS WASTE IN SOLID WASTE DISPOSAL SITE:
Household hazardous waste.

EVIDENCE OF POTENTIAL EFFECTS THESE WASTES MAY HAVE UPON THE QUALITY OF WATERS OF THE STATE:
Elevated levels of PCE were found in a downgradient well. However, landfill gas & leachate indicator parameters were only slightly increased in the downgradient wells.

ACTIONS NEEDED TO PROTECT THE QUALITY OF WATERS OF THE STATE:
Further monitoring required under verification monitoring program.

==========

ADDITIONAL COMMENTS (IF NECESSARY):
No surface water data due to the dried spring during the SWAT program.

ARE EXISTING DRINKING WATER WELLS IMPACTED? N
DOES THE WASTE MANAGEMENT UNIT HAVE AN ENGINEERED CONTAINMENT SYSTEM? N
DESCRIBE SYSTEM:

SOLID WASTE ASSESSMENT TEST (SWAT) REPORT SUMMARY

==========GENERAL DATA==========

SITE NAME: **CHESTNUT AVE. LANDFILL** RANK: 1

REGION:5F INITIALS OF REGIONAL BOARD CONTACT:CCC WDS ID NUMBER:5D100302001 SITE CLASSIFICATION:II-2

DATE REPORT RECEIVED BY REGIONAL BOARD:06/12/87 ACTIVITY:OPEN

DATE REPORT APPROVED BY REGIONAL BOARD:06/15/90 SITE CHARACTER:OTHER

REPORT STATUS:APPROVED SITE SIZE:BETWEEN 10 AND 100 ACRES

==========DATA SUBMITTED==========

	SURFACE WATER	GROUND WATER	UNSATURATED ZONE
NUMBER OF BACKGROUND SAMPLE LOCATIONS:	*	2	1
NUMBER OF DOWN-GRADIENT SAMPLE LOCATIONS:	*	30	2
TOTAL SAMPLE LOCATIONS:	*	32	3
NUMBER OF ROUNDS OF SAMPLING EVENTS:	*	4	2

==========FINDINGS REGARDING WATER CODE SUBSECTIONS 13273(d) & (e)==========

	SURFACE WATER	GROUND WATER	UNSATURATED ZONE
LEAKAGE DETECTED:			
HAZARDOUS WASTE (PER TITLE 22)?	*	N	N
WASTE CONSTITUENTS ABOVE DHS ACTION LEVELS?	*	Y	N
WASTE CONSTITUENTS BELOW DHS ACTION LEVELS?	*	Y	N

Y = YES; N = NO; A = DATA ABSENT

U = WASTE CONSTITUENTS DETECTED BUT SOURCE OF LEAKAGE UNDETERMINED

* = MONITORING WAIVED BECAUSE IT IS INFEASIBLE OR NOT APPLICABLE

==========FINDINGS REGARDING PUBLIC RESOURCES CODE SECTION 45700==========

EVIDENCE REGARDING EXTENT OF HAZARDOUS WASTE IN SOLID WASTE DISPOSAL SITE:
The plume is roughly confined to a depth of 50 feet below static ground water surface, 800 feet wide and 600 feet long.

EVIDENCE OF POTENTIAL EFFECTS THESE WASTES MAY HAVE UPON THE QUALITY OF WATERS OF THE STATE:
The beneficial uses of ground water have been impaired. Residents have been provided carbon adsorption units. Maximum concentrations (in ug/l) of volatile organic compounds (VOCs) detected in samples from 32 monitoring wells collected during 1988-89 include:

1,1 Dichloroethane	(13.0)
1,2 Dichloroethane	(1.4)
trans-1,2 Dichlorethene	(30.0)
Chloromethane	(2.2)
Trichloroethene	(145.0)
Tetrachloroethene	(47.0)
Vinyl Chloride	(16.0)

Elevated manganese, iron and sodium were detected in downgradient wells.

ACTIONS NEEDED TO PROTECT THE QUALITY OF WATERS OF THE STATE:
Ground water extraction was implemented in 1985. C & A Order adopted 8/90.

==========

ADDITIONAL COMMENTS (IF NECESSARY):
Lysimeters installed; no soil pore liquid recovered.

ARE EXISTING DRINKING WATER WELLS IMPACTED? Y
DOES THE WASTE MANAGEMENT UNIT HAVE AN ENGINEERED CONTAINMENT SYSTEM? N
DESCRIBE SYSTEM:

SOLID WASTE ASSESSMENT TEST (SWAT) REPORT SUMMARY

==========GENERAL DATA==========

SITE NAME: **LIQUID WASTE MANAGEMENT-MCKITTRICK SITE** RANK: 1

REGION:5F INITIALS OF REGIONAL BOARD CONTACT:JKD WDS ID NUMBER:5D152041001 SITE CLASSIFICATION:II-1

DATE REPORT RECEIVED BY REGIONAL BOARD:04/20/87 ACTIVITY:OPEN

DATE REPORT APPROVED BY REGIONAL BOARD:08/09/90 SITE CHARACTER:SURFACE IMPOUNDMENT

REPORT STATUS:APPROVED SITE SIZE:BETWEEN 10 AND 100 ACRES

==========DATA SUBMITTED==========

	SURFACE WATER	GROUND WATER	UNSATURATED ZONE
NUMBER OF BACKGROUND SAMPLE LOCATIONS:	0	4	*
NUMBER OF DOWN-GRADIENT SAMPLE LOCATIONS:	2	4	*
TOTAL SAMPLE LOCATIONS:	2	8	*
NUMBER OF ROUNDS OF SAMPLING EVENTS:	1	2	*

==========FINDINGS REGARDING WATER CODE SUBSECTIONS 13273(d) & (e)==========

	SURFACE WATER	GROUND WATER	UNSATURATED ZONE
LEAKAGE DETECTED:			
HAZARDOUS WASTE (PER TITLE 22)?	N	N	*
WASTE CONSTITUENTS ABOVE DHS ACTION LEVELS?	N	N	*
WASTE CONSTITUENTS BELOW DHS ACTION LEVELS?	N	N	*

Y = YES; N = NO; A = DATA ABSENT

U = WASTE CONSTITUENTS DETECTED BUT SOURCE OF LEAKAGE UNDETERMINED

* = MONITORING WAIVED BECAUSE IT IS INFEASIBLE OR NOT APPLICABLE

==========FINDINGS REGARDING PUBLIC RESOURCES CODE SECTION 45700==========

EVIDENCE REGARDING EXTENT OF HAZARDOUS WASTE IN SOLID WASTE DISPOSAL SITE:
Only limited amounts of hazardous waste disposed at the Class II-1 facility.

EVIDENCE OF POTENTIAL EFFECTS THESE WASTES MAY HAVE UPON THE QUALITY OF WATERS OF THE STATE:
No evidence of leakage. Heavy metals, volatile organics and soluble salts from naturally-occurring sources could further degrade water quality.

ACTIONS NEEDED TO PROTECT THE QUALITY OF WATERS OF THE STATE:
WDR Order No. 90-241 adopted 10 August 1990. Facility will operate as a Class II nonhazardous waste disposal facility with new lined WMUs and leachate collection and recovery systems. The new engineered containment systems to be retrofitted at the site will have composite clay/synthetic liners with LCRSs that exceed Chapter 15 prescriptive standards.

==========

ADDITIONAL COMMENTS (IF NECESSARY):
Basin Plan amendment adopted 10 August 1990. Waters within 1/2 mile radius of the site are not municipal or domestic supplies (MUN) per Regional Board Resolution no. 89-098. Volatile organics from natural tar seepage detected in surface and ground water samples. Some metals in ground water above MCL (see Basin Plan Amendment). Vadose zone monitoring infeasible (see WDR Order #90-241).

ARE EXISTING DRINKING WATER WELLS IMPACTED? N
DOES THE WASTE MANAGEMENT UNIT HAVE AN ENGINEERED CONTAINMENT SYSTEM? N
DESCRIBE SYSTEM:See "Actions Needed to Protect Water Quality" memo, above.

SOLID WASTE ASSESSMENT TEST (SWAT) REPORT SUMMARY

==========GENERAL DATA==========

SITE NAME: **CLOVIS CITY LANDFILL** RANK: 2

REGION:5F INITIALS OF REGIONAL BOARD CONTACT:CMS WDS ID NUMBER:5C100303001 SITE CLASSIFICATION:II-2

DATE REPORT RECEIVED BY REGIONAL BOARD:07/06/88 ACTIVITY:OPEN

DATE REPORT APPROVED BY REGIONAL BOARD:10/06/89 SITE CHARACTER:OTHER

REPORT STATUS:APPROVED SITE SIZE:BETWEEN 10 AND 100 ACRES

==========DATA SUBMITTED==========

	SURFACE WATER	GROUND WATER	UNSATURATED ZONE
NUMBER OF BACKGROUND SAMPLE LOCATIONS:	1	1	1
NUMBER OF DOWN-GRADIENT SAMPLE LOCATIONS:	1	3	3
TOTAL SAMPLE LOCATIONS:	2	4	4
NUMBER OF ROUNDS OF SAMPLING EVENTS:	3	4	1

==========FINDINGS REGARDING WATER CODE SUBSECTIONS 13273(d) & (e)==========

	SURFACE WATER	GROUND WATER	UNSATURATED ZONE
LEAKAGE DETECTED:			
HAZARDOUS WASTE (PER TITLE 22)?	N	N	N
WASTE CONSTITUENTS ABOVE DHS ACTION LEVELS?	N	N	N
WASTE CONSTITUENTS BELOW DHS ACTION LEVELS?	N	Y	N

Y = YES; N = NO; A = DATA ABSENT

U = WASTE CONSTITUENTS DETECTED BUT SOURCE OF LEAKAGE UNDETERMINED

* = MONITORING WAIVED BECAUSE IT IS INFEASIBLE OR NOT APPLICABLE

==========FINDINGS REGARDING PUBLIC RESOURCES CODE SECTION 45700==========

EVIDENCE REGARDING EXTENT OF HAZARDOUS WASTE IN SOLID WASTE DISPOSAL SITE:
None.

EVIDENCE OF POTENTIAL EFFECTS THESE WASTES MAY HAVE UPON THE QUALITY OF WATERS OF THE STATE:
Site is leaking. Maximum concentrations (in ug/l) of volatile organic constituents detected in ground water samples include:

Dichlorodifluoromethane (Freon 12) (16.0)
Trichloroethene (1.8)
Methylene Chloride (5.8)

ACTIONS NEEDED TO PROTECT THE QUALITY OF WATERS OF THE STATE:
Requested additional investigation and monitoring to fully determine site characteristics. Four soil samples collected and analyzed for volatiles. No constituents detected. Site leaks based on ground water results; vadose results inconclusive.

==========

ADDITIONAL COMMENTS (IF NECESSARY):

ARE EXISTING DRINKING WATER WELLS IMPACTED? N
DOES THE WASTE MANAGEMENT UNIT HAVE AN ENGINEERED CONTAINMENT SYSTEM? N
DESCRIBE SYSTEM:

SOLID WASTE ASSESSMENT TEST (SWAT) REPORT SUMMARY

==========GENERAL DATA==========

SITE NAME: **KERN COUNTY-SHAFTER-WASCO LANDFILL** RANK: 2

REGION:5F INITIALS OF REGIONAL BOARD CONTACT:DEE WDS ID NUMBER:5D150303014 SITE CLASSIFICATION:II

DATE REPORT RECEIVED BY REGIONAL BOARD:10/23/89 ACTIVITY:OPEN

DATE REPORT APPROVED BY REGIONAL BOARD:07/11/90 SITE CHARACTER:SANITARY LANDFILL

REPORT STATUS:APPROVED SITE SIZE:GREATER THAN 100 ACRES

==========DATA SUBMITTED==========

	SURFACE WATER	GROUND WATER	UNSATURATED ZONE
NUMBER OF BACKGROUND SAMPLE LOCATIONS:	*	2	*
NUMBER OF DOWN-GRADIENT SAMPLE LOCATIONS:	*	2	*
TOTAL SAMPLE LOCATIONS:	*	4	*
NUMBER OF ROUNDS OF SAMPLING EVENTS:	*	2	*

==========FINDINGS REGARDING WATER CODE SUBSECTIONS 13273(d) & (e)==========

	SURFACE WATER	GROUND WATER	UNSATURATED ZONE
LEAKAGE DETECTED:			
HAZARDOUS WASTE (PER TITLE 22)?	*	N	*
WASTE CONSTITUENTS ABOVE DHS ACTION LEVELS?	*	Y	*
WASTE CONSTITUENTS BELOW DHS ACTION LEVELS?	*	Y	*

Y = YES; N = NO; A = DATA ABSENT

U = WASTE CONSTITUENTS DETECTED BUT SOURCE OF LEAKAGE UNDETERMINED

* = MONITORING WAIVED BECAUSE IT IS INFEASIBLE OR NOT APPLICABLE

==========FINDINGS REGARDING PUBLIC RESOURCES CODE SECTION 45700==========

EVIDENCE REGARDING EXTENT OF HAZARDOUS WASTE IN SOLID WASTE DISPOSAL SITE:
Household/municipal hazardous waste disposal likely.

EVIDENCE OF POTENTIAL EFFECTS THESE WASTES MAY HAVE UPON THE QUALITY OF WATERS OF THE STATE:
Methylene chloride (45 ug/l) and tetrachloroethene (8.5 ug/l) were detected in downgradient wells at concentrations above SALs.

ACTIONS NEEDED TO PROTECT THE QUALITY OF WATERS OF THE STATE:
Verification Monitoring.

==========

ADDITIONAL COMMENTS (IF NECESSARY):
1,2-dichloropropane detected in downgradient wells above SAL may be derived from leaching of agricultural waste in adjacent fields.

ARE EXISTING DRINKING WATER WELLS IMPACTED? N
DOES THE WASTE MANAGEMENT UNIT HAVE AN ENGINEERED CONTAINMENT SYSTEM? N
DESCRIBE SYSTEM:

SOLID WASTE ASSESSMENT TEST (SWAT) REPORT SUMMARY

==========GENERAL DATA==========

SITE NAME: **KINGS COUNTY-CORCORAN LANDFILL** RANK: 2

REGION:5F INITIALS OF REGIONAL BOARD CONTACT:DEE WDS ID NUMBER:5D160302001 SITE CLASSIFICATION:II-2

DATE REPORT RECEIVED BY REGIONAL BOARD:06/30/88 ACTIVITY:OPEN

DATE REPORT APPROVED BY REGIONAL BOARD:05/30/90 SITE CHARACTER:OTHER

REPORT STATUS:APPROVED SITE SIZE:BETWEEN 10 AND 100 ACRES

==========DATA SUBMITTED==========

	SURFACE WATER	GROUND WATER	UNSATURATED ZONE
NUMBER OF BACKGROUND SAMPLE LOCATIONS:	1	6	*
NUMBER OF DOWN-GRADIENT SAMPLE LOCATIONS:	1	5	*
TOTAL SAMPLE LOCATIONS:	2	11	*
NUMBER OF ROUNDS OF SAMPLING EVENTS:	1	5	*

==========FINDINGS REGARDING WATER CODE SUBSECTIONS 13273(d) & (e)==========

	SURFACE WATER	GROUND WATER	UNSATURATED ZONE
LEAKAGE DETECTED:			
HAZARDOUS WASTE (PER TITLE 22)?	N	Y	*
WASTE CONSTITUENTS ABOVE DHS ACTION LEVELS?	N	Y	*
WASTE CONSTITUENTS BELOW DHS ACTION LEVELS?	N	Y	*

Y = YES; N = NO; A = DATA ABSENT

U = WASTE CONSTITUENTS DETECTED BUT SOURCE OF LEAKAGE UNDETERMINED

* = MONITORING WAIVED BECAUSE IT IS INFEASIBLE OR NOT APPLICABLE

==========FINDINGS REGARDING PUBLIC RESOURCES CODE SECTION 45700==========

EVIDENCE REGARDING EXTENT OF HAZARDOUS WASTE IN SOLID WASTE DISPOSAL SITE:
Household hazardous wastes may be present; volume & composition unknown.

EVIDENCE OF POTENTIAL EFFECTS THESE WASTES MAY HAVE UPON THE QUALITY OF WATERS OF THE STATE:
Hazardous level of arsenic (5.5 mg/l) detected in a downgradient well sample. Volatile organic constituents detected in ground water samples at concentrations above action levels include benzene (3.6 ug/l), PCE (46 ug/l), TCE (52 ug/l), and vinyl chloride (8.7 ug/l). Elevated concentrations of barium, cadmium, iron, manganese, selenium, silver, EC, chloride, nitrate, and TDS were detected in downgradient wells.

ACTIONS NEEDED TO PROTECT THE QUALITY OF WATERS OF THE STATE:
Verification Monitoring.

==========

ADDITIONAL COMMENTS (IF NECESSARY):
Ground water entered base of landfill.

ARE EXISTING DRINKING WATER WELLS IMPACTED? N
DOES THE WASTE MANAGEMENT UNIT HAVE AN ENGINEERED CONTAINMENT SYSTEM? N
DESCRIBE SYSTEM:

SOLID WASTE ASSESSMENT TEST (SWAT) REPORT SUMMARY

==========GENERAL DATA==========

SITE NAME: **TELEDYNE TUNGSTON-STRAWBERRY MINE** RANK: 2

REGION:5F INITIALS OF REGIONAL BOARD CONTACT:CMS WDS ID NUMBER:5C202014001 SITE CLASSIFICATION:U

DATE REPORT RECEIVED BY REGIONAL BOARD:07/06/88 ACTIVITY:UNKNOWN

DATE REPORT APPROVED BY REGIONAL BOARD:03/14/90 SITE CHARACTER:BURN SITE

REPORT STATUS:APPROVED SITE SIZE:LESS THAN 10 ACRES

==========DATA SUBMITTED==========

	SURFACE WATER	GROUND WATER	UNSATURATED ZONE
NUMBER OF BACKGROUND SAMPLE LOCATIONS:	2	*	2
NUMBER OF DOWN-GRADIENT SAMPLE LOCATIONS:	3	*	5
TOTAL SAMPLE LOCATIONS:	5	*	7
NUMBER OF ROUNDS OF SAMPLING EVENTS:	1	*	1

==========FINDINGS REGARDING WATER CODE SUBSECTIONS 13273(d) & (e)==========

	SURFACE WATER	GROUND WATER	UNSATURATED ZONE
LEAKAGE DETECTED:			
HAZARDOUS WASTE (PER TITLE 22)?	N	*	N
WASTE CONSTITUENTS ABOVE DHS ACTION LEVELS?	N	*	N
WASTE CONSTITUENTS BELOW DHS ACTION LEVELS?	N	*	N

Y = YES; N = NO; A = DATA ABSENT

U = WASTE CONSTITUENTS DETECTED BUT SOURCE OF LEAKAGE UNDETERMINED

* = MONITORING WAIVED BECAUSE IT IS INFEASIBLE OR NOT APPLICABLE

==========FINDINGS REGARDING PUBLIC RESOURCES CODE SECTION 45700==========

EVIDENCE REGARDING EXTENT OF HAZARDOUS WASTE IN SOLID WASTE DISPOSAL SITE:
None.

EVIDENCE OF POTENTIAL EFFECTS THESE WASTES MAY HAVE UPON THE QUALITY OF WATERS OF THE STATE:
None.

ACTIONS NEEDED TO PROTECT THE QUALITY OF WATERS OF THE STATE:
Due to the nature of the mine process, the controlled use and size of the waste site, and the remote and inaccessible location of the site, no further action is anticipated.

==========

ADDITIONAL COMMENTS (IF NECESSARY):
No drinking water wells within one mile of facility site.

ARE EXISTING DRINKING WATER WELLS IMPACTED? N
DOES THE WASTE MANAGEMENT UNIT HAVE AN ENGINEERED CONTAINMENT SYSTEM? N
DESCRIBE SYSTEM:

SOLID WASTE ASSESSMENT TEST (SWAT) REPORT SUMMARY

==========GENERAL DATA==========

SITE NAME: **LOUISIANA PACIFIC-OROVILLE SITE** RANK: 2

REGION:5R INITIALS OF REGIONAL BOARD CONTACT:PVW WDS ID NUMBER:5A040306001 SITE CLASSIFICATION:IIIN

DATE REPORT RECEIVED BY REGIONAL BOARD:07/15/88 ACTIVITY:OPEN

DATE REPORT APPROVED BY REGIONAL BOARD:09/12/90 SITE CHARACTER:WASTE PILE

REPORT STATUS:APPROVED SITE SIZE:GREATER THAN 100 ACRES

==========DATA SUBMITTED==========

	SURFACE WATER	GROUND WATER	UNSATURATED ZONE
NUMBER OF BACKGROUND SAMPLE LOCATIONS:	0	1	0
NUMBER OF DOWN-GRADIENT SAMPLE LOCATIONS:	2	4	4
TOTAL SAMPLE LOCATIONS:	2	5	4
NUMBER OF ROUNDS OF SAMPLING EVENTS:	8	7	20

==========FINDINGS REGARDING WATER CODE SUBSECTIONS 13273(d) & (e)==========

	SURFACE WATER	GROUND WATER	UNSATURATED ZONE
LEAKAGE DETECTED:			
HAZARDOUS WASTE (PER TITLE 22)?	N	N	N
WASTE CONSTITUENTS ABOVE DHS ACTION LEVELS?	N	N	N
WASTE CONSTITUENTS BELOW DHS ACTION LEVELS?	Y	N	N

Y = YES; N = NO; A = DATA ABSENT

U = WASTE CONSTITUENTS DETECTED BUT SOURCE OF LEAKAGE UNDETERMINED

* = MONITORING WAIVED BECAUSE IT IS INFEASIBLE OR NOT APPLICABLE

==========FINDINGS REGARDING PUBLIC RESOURCES CODE SECTION 45700==========

EVIDENCE REGARDING EXTENT OF HAZARDOUS WASTE IN SOLID WASTE DISPOSAL SITE:
All chemical concentrations are below hazardous waste levels.
Chemicals not detected in ground water.

EVIDENCE OF POTENTIAL EFFECTS THESE WASTES MAY HAVE UPON THE QUALITY OF WATERS OF THE STATE:
Formaldahyde (maximum concentration:20,000 ug/kg) found in sediment in surface water ponds; degrades naturally.

ACTIONS NEEDED TO PROTECT THE QUALITY OF WATERS OF THE STATE:
Waste unit with formaldehyde, PAH, and PCP is closed and will be capped according to Chapter 15. Site is a Federal Superfund Site. RI/FS in progress. Facility will be capped in accordance with Chapter 15. ROD issued by EPA asks for institutional controls, fencing, and further monitoring.

==========

ADDITIONAL COMMENTS (IF NECESSARY):
Unsaturated zone sampling includes samples from boreholes beneath the waste pile.

ARE EXISTING DRINKING WATER WELLS IMPACTED? N
DOES THE WASTE MANAGEMENT UNIT HAVE AN ENGINEERED CONTAINMENT SYSTEM? Y
DESCRIBE SYSTEM:Drainage controls and capping in accordance with Chapter 15

SOLID WASTE ASSESSMENT TEST (SWAT) REPORT SUMMARY

==========GENERAL DATA==========

SITE NAME: **PLUMAS COUNTY-GOPHER HILL LANDFILL** RANK: 2

REGION:5R INITIALS OF REGIONAL BOARD CONTACT:PVW WDS ID NUMBER:5A320300003 SITE CLASSIFICATION:II-2

DATE REPORT RECEIVED BY REGIONAL BOARD:06/27/88 ACTIVITY:OPEN

DATE REPORT APPROVED BY REGIONAL BOARD:03/02/90 SITE CHARACTER:SANITARY LANDFILL

REPORT STATUS:APPROVED SITE SIZE:BETWEEN 10 AND 100 ACRES

==========DATA SUBMITTED==========

	SURFACE WATER	GROUND WATER	UNSATURATED ZONE
NUMBER OF BACKGROUND SAMPLE LOCATIONS:	0	1	0
NUMBER OF DOWN-GRADIENT SAMPLE LOCATIONS:	1	2	0
TOTAL SAMPLE LOCATIONS:	1	3	0
NUMBER OF ROUNDS OF SAMPLING EVENTS:	1	1	1

==========FINDINGS REGARDING WATER CODE SUBSECTIONS 13273(d) & (e)==========

	SURFACE WATER	GROUND WATER	UNSATURATED ZONE
LEAKAGE DETECTED:			
HAZARDOUS WASTE (PER TITLE 22)?	N	N	N
WASTE CONSTITUENTS ABOVE DHS ACTION LEVELS?	Y	Y	N
WASTE CONSTITUENTS BELOW DHS ACTION LEVELS?	Y	Y	Y

Y = YES; N = NO; A = DATA ABSENT

U = WASTE CONSTITUENTS DETECTED BUT SOURCE OF LEAKAGE UNDETERMINED

* = MONITORING WAIVED BECAUSE IT IS INFEASIBLE OR NOT APPLICABLE

==========FINDINGS REGARDING PUBLIC RESOURCES CODE SECTION 45700==========

EVIDENCE REGARDING EXTENT OF HAZARDOUS WASTE IN SOLID WASTE DISPOSAL SITE:
No hazardous wastes appear to be at facility.

EVIDENCE OF POTENTIAL EFFECTS THESE WASTES MAY HAVE UPON THE QUALITY OF WATERS OF THE STATE:
Discharge of leachate to surface waters and ground water. Significant effect upon waters of the state evidenced by elevated levels of TDS, conductivity, chlorides, and COD. 1,2,DCA (1.7ug/l), 1,2 DCE (4.8ug/l), dichlorofluoromethane (1.5ug/l), and anthracene (2ug/l) detected in springs below disposal area.

ACTIONS NEEDED TO PROTECT THE QUALITY OF WATERS OF THE STATE:
Ground water within waste pile. Mine shaft beneath the waste pile provides direct conduit to ground water. Site was found to be leaking to surface waters in April 1989. Proposed enforcement action for the site. Discharger fined $8000 for discharge of leachate to surface waters.

==========

ADDITIONAL COMMENTS (IF NECESSARY):

ARE EXISTING DRINKING WATER WELLS IMPACTED? N
DOES THE WASTE MANAGEMENT UNIT HAVE AN ENGINEERED CONTAINMENT SYSTEM? N
DESCRIBE SYSTEM:

SOLID WASTE ASSESSMENT TEST (SWAT) REPORT SUMMARY

==========GENERAL DATA==========

SITE NAME: **PORTOLA CITY LANDFILL** RANK: 3

REGION:5R INITIALS OF REGIONAL BOARD CONTACT:GDD WDS ID NUMBER:5A320300001 SITE CLASSIFICATION:II-2

DATE REPORT RECEIVED BY REGIONAL BOARD:09/05/89 ACTIVITY:OPEN

DATE REPORT APPROVED BY REGIONAL BOARD:06/30/90 SITE CHARACTER:SANITARY LANDFILL

REPORT STATUS:APPROVED SITE SIZE:BETWEEN 10 AND 100 ACRES

==========DATA SUBMITTED==========

	SURFACE WATER	GROUND WATER	UNSATURATED ZONE
NUMBER OF BACKGROUND SAMPLE LOCATIONS:	*	1	1
NUMBER OF DOWN-GRADIENT SAMPLE LOCATIONS:	*	2	1
TOTAL SAMPLE LOCATIONS:	*	3	2
NUMBER OF ROUNDS OF SAMPLING EVENTS:	*	4	1

==========FINDINGS REGARDING WATER CODE SUBSECTIONS 13273(d) & (e)==========

	SURFACE WATER	GROUND WATER	UNSATURATED ZONE
LEAKAGE DETECTED:			
HAZARDOUS WASTE (PER TITLE 22)?	*	N	N
WASTE CONSTITUENTS ABOVE DHS ACTION LEVELS?	*	N	N
WASTE CONSTITUENTS BELOW DHS ACTION LEVELS?	*	Y	Y

Y = YES; N = NO; A = DATA ABSENT

U = WASTE CONSTITUENTS DETECTED BUT SOURCE OF LEAKAGE UNDETERMINED

* = MONITORING WAIVED BECAUSE IT IS INFEASIBLE OR NOT APPLICABLE

==========FINDINGS REGARDING PUBLIC RESOURCES CODE SECTION 45700==========

EVIDENCE REGARDING EXTENT OF HAZARDOUS WASTE IN SOLID WASTE DISPOSAL SITE:
There is no evidence that hazardous waste was deposited at this landfill.

EVIDENCE OF POTENTIAL EFFECTS THESE WASTES MAY HAVE UPON THE QUALITY OF WATERS OF THE STATE:
There is evidence that leachate has migrated to the downgradient wells. Constituents detected include:

Arsenic	0.06mg/l
Barium	2.5 mg/l
Chromium	0.11mg/l
Aluminum	130 mg/l
Cadmium	0.01mg/l
TDS	1035 mg/l

ACTIONS NEEDED TO PROTECT THE QUALITY OF WATERS OF THE STATE:
Initiate verification monitoring and establish water quality standards. WDSs are being updated to initiate verification monitoring and off site well will be monitored.

==========

ADDITIONAL COMMENTS (IF NECESSARY):
No surface waters within 1 mile.

ARE EXISTING DRINKING WATER WELLS IMPACTED? N
DOES THE WASTE MANAGEMENT UNIT HAVE AN ENGINEERED CONTAINMENT SYSTEM? N
DESCRIBE SYSTEM:

SOLID WASTE ASSESSMENT TEST (SWAT) REPORT SUMMARY

==========GENERAL DATA==========

SITE NAME: **NEVADA COUNTY-MCCOURTNEY ROAD LANDFILL** RANK: 2

REGION:5S INITIALS OF REGIONAL BOARD CONTACT:MGW WDS ID NUMBER:5A290300001 SITE CLASSIFICATION:III

DATE REPORT RECEIVED BY REGIONAL BOARD:07/05/88 ACTIVITY:OPEN

DATE REPORT APPROVED BY REGIONAL BOARD:05/15/90 SITE CHARACTER:SANITARY LANDFILL

REPORT STATUS:APPROVED SITE SIZE:GREATER THAN 100 ACRES

==========DATA SUBMITTED==========

	SURFACE WATER	GROUND WATER	UNSATURATED ZONE
NUMBER OF BACKGROUND SAMPLE LOCATIONS:	2	2	1
NUMBER OF DOWN-GRADIENT SAMPLE LOCATIONS:	5	17	3
TOTAL SAMPLE LOCATIONS:	7	19	4
NUMBER OF ROUNDS OF SAMPLING EVENTS:	2	4	1

==========FINDINGS REGARDING WATER CODE SUBSECTIONS 13273(d) & (e)==========

	SURFACE WATER	GROUND WATER	UNSATURATED ZONE
LEAKAGE DETECTED:			
HAZARDOUS WASTE (PER TITLE 22)?	N	N	N
WASTE CONSTITUENTS ABOVE DHS ACTION LEVELS?	N	Y	Y
WASTE CONSTITUENTS BELOW DHS ACTION LEVELS?	Y	Y	Y

Y = YES; N = NO; A = DATA ABSENT

U = WASTE CONSTITUENTS DETECTED BUT SOURCE OF LEAKAGE UNDETERMINED

* = MONITORING WAIVED BECAUSE IT IS INFEASIBLE OR NOT APPLICABLE

==========FINDINGS REGARDING PUBLIC RESOURCES CODE SECTION 45700==========

EVIDENCE REGARDING EXTENT OF HAZARDOUS WASTE IN SOLID WASTE DISPOSAL SITE:
Nothing found above hazardous levels.

EVIDENCE OF POTENTIAL EFFECTS THESE WASTES MAY HAVE UPON THE QUALITY OF WATERS OF THE STATE:
Low levels of volatile organics found in ground water. Volatiles found in ppb:

Benzene	4.8
Trichloroethylene	4.8
Vinyl Chloride	3.6
Carbon Tetrachloride	5.0
Chloroform	5.0
Toluene	1.4
Chlorobenzene	0.9
1,2-Dichlorobenzene	0.3
trans-1,3 Dichloropropylene	2.0
Dichlorodifluoromethane	24.0
Dichloromethane	0.7
Trichlorotrifluoromethane	5.9
Tetrachloroethylene	2.0

ACTIONS NEEDED TO PROTECT THE QUALITY OF WATERS OF THE STATE:
Will revise WDRs to incoporate time schedule for completing hydrogeologic survey and determining extent of problem. Unlined septage ponds will be abandoned by 1 October 1990.

==========

ADDITIONAL COMMENTS (IF NECESSARY):
New WMUs have composite liners (60mil HDPE and 1' clay) with leachate collection and removal systems. Old waste fill prism does not have adequate liner and LCRS.

ARE EXISTING DRINKING WATER WELLS IMPACTED? N
DOES THE WASTE MANAGEMENT UNIT HAVE AN ENGINEERED CONTAINMENT SYSTEM? Y
DESCRIBE SYSTEM:see additional comments.

SOLID WASTE ASSESSMENT TEST (SWAT) REPORT SUMMARY

==========GENERAL DATA==========

SITE NAME:**ANTIOCH CITY LANDFILL(OLD)** RANK: 3

REGION:5S INITIALS OF REGIONAL BOARD CONTACT:SPD WDS ID NUMBER:5 070001NUR SITE CLASSIFICATION:III

DATE REPORT RECEIVED BY REGIONAL BOARD:09/18/89 ACTIVITY:CLOSED

DATE REPORT APPROVED BY REGIONAL BOARD:11/27/89 SITE CHARACTER:SANITARY LANDFILL

REPORT STATUS:APPROVED SITE SIZE:BETWEEN 10 AND 100 ACRES

==========DATA SUBMITTED==========

	SURFACE WATER	GROUND WATER	UNSATURATED ZONE
NUMBER OF BACKGROUND SAMPLE LOCATIONS:	0	1	1
NUMBER OF DOWN-GRADIENT SAMPLE LOCATIONS:	0	2	2
TOTAL SAMPLE LOCATIONS:	0	3	3
NUMBER OF ROUNDS OF SAMPLING EVENTS:	0	3	1

==========FINDINGS REGARDING WATER CODE SUBSECTIONS 13273(d) & (e)==========

	SURFACE WATER	GROUND WATER	UNSATURATED ZONE
LEAKAGE DETECTED:			
HAZARDOUS WASTE (PER TITLE 22)?	A	U	N
WASTE CONSTITUENTS ABOVE DHS ACTION LEVELS?	A	U	N
WASTE CONSTITUENTS BELOW DHS ACTION LEVELS?	A	U	N

Y = YES; N = NO; A = DATA ABSENT

U = WASTE CONSTITUENTS DETECTED BUT SOURCE OF LEAKAGE UNDETERMINED

* = MONITORING WAIVED BECAUSE IT IS INFEASIBLE OR NOT APPLICABLE

==========FINDINGS REGARDING PUBLIC RESOURCES CODE SECTION 45700==========

EVIDENCE REGARDING EXTENT OF HAZARDOUS WASTE IN SOLID WASTE DISPOSAL SITE:
No evidence of hazardous waste disposal in this site.

EVIDENCE OF POTENTIAL EFFECTS THESE WASTES MAY HAVE UPON THE QUALITY OF WATERS OF THE STATE:
Private wells offsite were tested and found to be free of contamination.

ACTIONS NEEDED TO PROTECT THE QUALITY OF WATERS OF THE STATE:
State superfund study for GWF/Pittsburg landfill will determine actions needed.

==========

ADDITIONAL COMMENTS (IF NECESSARY):
* Nearest surface water is Markley Creek, which is ephemeral. Due to drought conditions Markley Creek never flowed during study period. * Ground water beneath site is polluted with salts, VOCs and metals from adjacent GWF/Pittsburg landfill (State Superfund Site). No evidence that Antioch Landfill is adding to the pollution.

ARE EXISTING DRINKING WATER WELLS IMPACTED? N
DOES THE WASTE MANAGEMENT UNIT HAVE AN ENGINEERED CONTAINMENT SYSTEM? N
DESCRIBE SYSTEM:

SOLID WASTE ASSESSMENT TEST (SWAT) REPORT SUMMARY

==========GENERAL DATA==========

SITE NAME: **MERCED COUNTY-BILLY WRIGHT LANDFILL** RANK: 3

REGION:5S INITIALS OF REGIONAL BOARD CONTACT:SDW WDS ID NUMBER:5C240303001 SITE CLASSIFICATION:III

DATE REPORT RECEIVED BY REGIONAL BOARD:07/03/89 ACTIVITY:OPEN

DATE REPORT APPROVED BY REGIONAL BOARD:12/07/89 SITE CHARACTER:SANITARY LANDFILL

REPORT STATUS:APPROVED SITE SIZE:BETWEEN 10 AND 100 ACRES

==========DATA SUBMITTED==========

	SURFACE WATER	GROUND WATER	UNSATURATED ZONE
NUMBER OF BACKGROUND SAMPLE LOCATIONS:	1	1	3
NUMBER OF DOWN-GRADIENT SAMPLE LOCATIONS:	2	2	2
TOTAL SAMPLE LOCATIONS:	3	3	5
NUMBER OF ROUNDS OF SAMPLING EVENTS:	3	3	1

==========FINDINGS REGARDING WATER CODE SUBSECTIONS 13273(d) & (e)==========

	SURFACE WATER	GROUND WATER	UNSATURATED ZONE
LEAKAGE DETECTED:			
HAZARDOUS WASTE (PER TITLE 22)?	N	N	N
WASTE CONSTITUENTS ABOVE DHS ACTION LEVELS?	N	N	N
WASTE CONSTITUENTS BELOW DHS ACTION LEVELS?	N	Y	Y

Y = YES; N = NO; A = DATA ABSENT

U = WASTE CONSTITUENTS DETECTED BUT SOURCE OF LEAKAGE UNDETERMINED

* = MONITORING WAIVED BECAUSE IT IS INFEASIBLE OR NOT APPLICABLE

==========FINDINGS REGARDING PUBLIC RESOURCES CODE SECTION 45700==========

EVIDENCE REGARDING EXTENT OF HAZARDOUS WASTE IN SOLID WASTE DISPOSAL SITE:
No evidence of hazardous waste disposed of at site.

EVIDENCE OF POTENTIAL EFFECTS THESE WASTES MAY HAVE UPON THE QUALITY OF WATERS OF THE STATE:
Preliminary evidence of leakage of VOC's below Action Levels:
1,1-Dichloroethane (<0.5 to 2.1 ppb)
Toluene (<0.1 to 0.8 ppb)

ACTIONS NEEDED TO PROTECT THE QUALITY OF WATERS OF THE STATE:
Revised Monitoring and Reporting Program includes a detection monitoring program to evaluate if leakage is statistically significant.

==========

ADDITIONAL COMMENTS (IF NECESSARY):
Background water quality is extremely poor, with TDS>20,000 mg/l; Nitrate > 200 mg/l (as NO3), and Selenium > 3.0 mg/l.

ARE EXISTING DRINKING WATER WELLS IMPACTED? N
DOES THE WASTE MANAGEMENT UNIT HAVE AN ENGINEERED CONTAINMENT SYSTEM? N
DESCRIBE SYSTEM:

SOLID WASTE ASSESSMENT TEST (SWAT) REPORT SUMMARY

==========GENERAL DATA==========

SITE NAME:**MERCED COUNTY-HIGHWAY 59 LANDFILL** RANK: 3

REGION:5S INITIALS OF REGIONAL BOARD CONTACT:SDW WDS ID NUMBER:5C240303002 SITE CLASSIFICATION:III

DATE REPORT RECEIVED BY REGIONAL BOARD:07/03/89 ACTIVITY:OPEN

DATE REPORT APPROVED BY REGIONAL BOARD:12/07/89 SITE CHARACTER:SANITARY LANDFILL

REPORT STATUS:APPROVED SITE SIZE:GREATER THAN 100 ACRES

==========DATA SUBMITTED==========

	SURFACE WATER	GROUND WATER	UNSATURATED ZONE
NUMBER OF BACKGROUND SAMPLE LOCATIONS:	0	1	1
NUMBER OF DOWN-GRADIENT SAMPLE LOCATIONS:	2	3	3
TOTAL SAMPLE LOCATIONS:	2	4	4
NUMBER OF ROUNDS OF SAMPLING EVENTS:	2	3	1

==========FINDINGS REGARDING WATER CODE SUBSECTIONS 13273(d) & (e)==========

	SURFACE WATER	GROUND WATER	UNSATURATED ZONE
LEAKAGE DETECTED:			
HAZARDOUS WASTE (PER TITLE 22)?	N	N	N
WASTE CONSTITUENTS ABOVE DHS ACTION LEVELS?	N	N	N
WASTE CONSTITUENTS BELOW DHS ACTION LEVELS?	N	Y	Y

Y = YES; N = NO; A = DATA ABSENT

U = WASTE CONSTITUENTS DETECTED BUT SOURCE OF LEAKAGE UNDETERMINED

* = MONITORING WAIVED BECAUSE IT IS INFEASIBLE OR NOT APPLICABLE

==========FINDINGS REGARDING PUBLIC RESOURCES CODE SECTION 45700==========

EVIDENCE REGARDING EXTENT OF HAZARDOUS WASTE IN SOLID WASTE DISPOSAL SITE:
No evidence of hazardous waste disposed of at site.

EVIDENCE OF POTENTIAL EFFECTS THESE WASTES MAY HAVE UPON THE QUALITY OF WATERS OF THE STATE:
Preliminary evidence of leakage of total dissolved solids (TDS) to ground water and vadose. Erratic detection of VOC's (Benzene, ethyl benzene, xylenes, toluene) near reporting limits for ground water and vadose zone.

ACTIONS NEEDED TO PROTECT THE QUALITY OF WATERS OF THE STATE:
Revised Monitoring and Reporting Program includes a detection monitoring program to evaluate if leakage is statistically significant. Time schedule in WDR's includes construction of new better contained WMUs and revised monitoring system.

==========

ADDITIONAL COMMENTS (IF NECESSARY):

ARE EXISTING DRINKING WATER WELLS IMPACTED? N
DOES THE WASTE MANAGEMENT UNIT HAVE AN ENGINEERED CONTAINMENT SYSTEM? N
DESCRIBE SYSTEM:

SOLID WASTE ASSESSMENT TEST (SWAT) REPORT SUMMARY

==========GENERAL DATA==========

SITE NAME: **ROSEVILLE CITY SANITARY LANDFILL** RANK: 3

REGION:5S INITIALS OF REGIONAL BOARD CONTACT:DLB WDS ID NUMBER:5 310002NUR SITE CLASSIFICATION:II-2

DATE REPORT RECEIVED BY REGIONAL BOARD:06/30/89 ACTIVITY:CLOSED

DATE REPORT APPROVED BY REGIONAL BOARD:11/08/89 SITE CHARACTER:SANITARY LANDFILL

REPORT STATUS:APPROVED SITE SIZE:BETWEEN 10 AND 100 ACRES

==========DATA SUBMITTED==========

	SURFACE WATER	GROUND WATER	UNSATURATED ZONE
NUMBER OF BACKGROUND SAMPLE LOCATIONS:	1	1	2
NUMBER OF DOWN-GRADIENT SAMPLE LOCATIONS:	1	6	4
TOTAL SAMPLE LOCATIONS:	2	7	6
NUMBER OF ROUNDS OF SAMPLING EVENTS:	3	4	1

==========FINDINGS REGARDING WATER CODE SUBSECTIONS 13273(d) & (e)==========

	SURFACE WATER	GROUND WATER	UNSATURATED ZONE
LEAKAGE DETECTED:			
HAZARDOUS WASTE (PER TITLE 22)?	N	N	N
WASTE CONSTITUENTS ABOVE DHS ACTION LEVELS?	N	Y	N
WASTE CONSTITUENTS BELOW DHS ACTION LEVELS?	N	Y	N

Y = YES; N = NO; A = DATA ABSENT

U = WASTE CONSTITUENTS DETECTED BUT SOURCE OF LEAKAGE UNDETERMINED

* = MONITORING WAIVED BECAUSE IT IS INFEASIBLE OR NOT APPLICABLE

==========FINDINGS REGARDING PUBLIC RESOURCES CODE SECTION 45700==========

EVIDENCE REGARDING EXTENT OF HAZARDOUS WASTE IN SOLID WASTE DISPOSAL SITE:
No evidence.

EVIDENCE OF POTENTIAL EFFECTS THESE WASTES MAY HAVE UPON THE QUALITY OF WATERS OF THE STATE:
Volatile organic compounds have been detected above SAL's in the shallow ground water, no users are in the immediate area. Volatiles:

PCE	23 ppb
TCE	9 ppb
Vinyl Chloride	3 ppb
cis-1,2-Dichloroethene	15 ppb

ACTIONS NEEDED TO PROTECT THE QUALITY OF WATERS OF THE STATE:
Verification monitoring program is ongoing. Corrective actions will be included in closure requirements.

==========

ADDITIONAL COMMENTS (IF NECESSARY):

ARE EXISTING DRINKING WATER WELLS IMPACTED? N
DOES THE WASTE MANAGEMENT UNIT HAVE AN ENGINEERED CONTAINMENT SYSTEM? N
DESCRIBE SYSTEM:

SOLID WASTE ASSESSMENT TEST (SWAT) REPORT SUMMARY

==========GENERAL DATA==========

SITE NAME: **L & D LANDFILL COMPANY** RANK: 3

REGION:5S INITIALS OF REGIONAL BOARD CONTACT:DLB WDS ID NUMBER:5A340308001 SITE CLASSIFICATION:II-2

DATE REPORT RECEIVED BY REGIONAL BOARD:07/07/89 ACTIVITY:OPEN

DATE REPORT APPROVED BY REGIONAL BOARD:07/17/90 SITE CHARACTER:SANITARY LANDFILL

REPORT STATUS:APPROVED SITE SIZE:BETWEEN 10 AND 100 ACRES

==========DATA SUBMITTED==========

	SURFACE WATER	GROUND WATER	UNSATURATED ZONE
NUMBER OF BACKGROUND SAMPLE LOCATIONS:	*	1	*
NUMBER OF DOWN-GRADIENT SAMPLE LOCATIONS:	*	5	*
TOTAL SAMPLE LOCATIONS:	*	6	*
NUMBER OF ROUNDS OF SAMPLING EVENTS:	*	4	*

==========FINDINGS REGARDING WATER CODE SUBSECTIONS 13273(d) & (e)==========

	SURFACE WATER	GROUND WATER	UNSATURATED ZONE
LEAKAGE DETECTED:			
HAZARDOUS WASTE (PER TITLE 22)?	*	N	*
WASTE CONSTITUENTS ABOVE DHS ACTION LEVELS?	*	Y	*
WASTE CONSTITUENTS BELOW DHS ACTION LEVELS?	*	Y	*

Y = YES; N = NO; A = DATA ABSENT

U = WASTE CONSTITUENTS DETECTED BUT SOURCE OF LEAKAGE UNDETERMINED

* = MONITORING WAIVED BECAUSE IT IS INFEASIBLE OR NOT APPLICABLE

==========FINDINGS REGARDING PUBLIC RESOURCES CODE SECTION 45700==========

EVIDENCE REGARDING EXTENT OF HAZARDOUS WASTE IN SOLID WASTE DISPOSAL SITE:
No evidence.

EVIDENCE OF POTENTIAL EFFECTS THESE WASTES MAY HAVE UPON THE QUALITY OF WATERS OF THE STATE:
Volatile organics above SALs in ground water:

1-2 Dichloroethene	43 ppb
TCE	14 ppb
PCE	12 ppb

ACTIONS NEEDED TO PROTECT THE QUALITY OF WATERS OF THE STATE:
Verification monitoring program is underway to identify extent of plume. Corrective measures to follow.

==========

ADDITIONAL COMMENTS (IF NECESSARY):
* Surface water monitoring waived because site is in an old gravel pit and all surface water drainage is internal and does not leave the site.

ARE EXISTING DRINKING WATER WELLS IMPACTED? N
DOES THE WASTE MANAGEMENT UNIT HAVE AN ENGINEERED CONTAINMENT SYSTEM? N
DESCRIBE SYSTEM:

SOLID WASTE ASSESSMENT TEST (SWAT) REPORT SUMMARY

==========GENERAL DATA==========

RANK: 3

SITE NAME: **US NAVY COMMUNICATIONS LANDFILL**

REGION:5S INITIALS OF REGIONAL BOARD CONTACT:GAR WDS ID NUMBER:5 390002NUR SITE CLASSIFICATION:U

SITE WAIVED ON 06/20/88; NO DATA REVIEWED UNDER THE SWAT PROGRAM.

OPERATOR AND REGIONAL BOARD CONCURRED THAT OTHER INFORMATION DEMONSTRATES THAT HAZARDOUS WASTES ARE MIGRATING INTO THE WATER.

ACTIVITY:CLOSED

SITE CHARACTER:SANITARY LANDFILL

SITE SIZE:LESS THAN 10 ACRES

==========DATA SUBMITTED==========

	SURFACE WATER	GROUND WATER	UNSATURATED ZONE
NUMBER OF BACKGROUND SAMPLE LOCATIONS:			
NUMBER OF DOWN-GRADIENT SAMPLE LOCATIONS:			
TOTAL SAMPLE LOCATIONS:			
NUMBER OF ROUNDS OF SAMPLING EVENTS:			

==========FINDINGS REGARDING WATER CODE SUBSECTIONS 13273(d) & (e)==========

	SURFACE WATER	GROUND WATER	UNSATURATED ZONE
LEAKAGE DETECTED:			
HAZARDOUS WASTE (PER TITLE 22)?	Y	Y	Y
WASTE CONSTITUENTS ABOVE DHS ACTION LEVELS?	Y	Y	Y
WASTE CONSTITUENTS BELOW DHS ACTION LEVELS?	Y	Y	Y

Y = YES; N = NO; A = DATA ABSENT

U = WASTE CONSTITUENTS DETECTED BUT SOURCE OF LEAKAGE UNDETERMINED

* = MONITORING WAIVED BECAUSE IT IS INFEASIBLE OR NOT APPLICABLE

==========FINDINGS REGARDING PUBLIC RESOURCES CODE SECTION 45700==========

EVIDENCE REGARDING EXTENT OF HAZARDOUS WASTE IN SOLID WASTE DISPOSAL SITE:
Undetermined, but a strong potential for several hot spots.

EVIDENCE OF POTENTIAL EFFECTS THESE WASTES MAY HAVE UPON THE QUALITY OF WATERS OF THE STATE:
Volatile organics on the landfill area: TCE 7400ppb,Ci5-1,2 dichloroethylene 3100 ppb; surface waters adjacent to the landfill areas had TCE as high as 159 ppb, DDE as high as .1 ppb and DDT as high as 3ppb.

ACTIONS NEEDED TO PROTECT THE QUALITY OF WATERS OF THE STATE:
Verification and characterization of contaminate plumes and extent of off-site migration to be determined.

==========

ADDITIONAL COMMENTS (IF NECESSARY):
The SWAT was waived due to investigations, characterization, and remediation to be performed as part of the Department of Defense Installation Restoration Program (IRP).
SWAT sites are actually 12 separate locations for a total of approximately 300 acres.

ARE EXISTING DRINKING WATER WELLS IMPACTED? N
DOES THE WASTE MANAGEMENT UNIT HAVE AN ENGINEERED CONTAINMENT SYSTEM?
DESCRIBE SYSTEM:

SOLID WASTE ASSESSMENT TEST (SWAT) REPORT SUMMARY

==========GENERAL DATA==========

SITE NAME: **US ARMY-SHARPE ARMY DEPOT** RANK: 3

REGION:5S INITIALS OF REGIONAL BOARD CONTACT:GAR WDS ID NUMBER:5 390003NUR SITE CLASSIFICATION:U

SITE WAIVED ON 05/17/88; NO DATA REVIEWED UNDER THE SWAT PROGRAM. ACTIVITY:CLOSED

OPERATOR AND REGIONAL BOARD CONCURRED THAT OTHER INFORMATION SITE CHARACTER:SANITARY LANDFILL

DEMONSTRATES THAT HAZARDOUS WASTES ARE MIGRATING INTO THE WATER. SITE SIZE:

==========DATA SUBMITTED==========

	SURFACE WATER	GROUND WATER	UNSATURATED ZONE
NUMBER OF BACKGROUND SAMPLE LOCATIONS:			
NUMBER OF DOWN-GRADIENT SAMPLE LOCATIONS:			
TOTAL SAMPLE LOCATIONS:			
NUMBER OF ROUNDS OF SAMPLING EVENTS:			

==========FINDINGS REGARDING WATER CODE SUBSECTIONS 13273(d) & (e)==========

	SURFACE WATER	GROUND WATER	UNSATURATED ZONE
LEAKAGE DETECTED:			
HAZARDOUS WASTE (PER TITLE 22)?	U	Y	Y
WASTE CONSTITUENTS ABOVE DHS ACTION LEVELS?	U	Y	Y
WASTE CONSTITUENTS BELOW DHS ACTION LEVELS?	U	Y	Y

Y = YES; N = NO; A = DATA ABSENT

U = WASTE CONSTITUENTS DETECTED BUT SOURCE OF LEAKAGE UNDETERMINED

* = MONITORING WAIVED BECAUSE IT IS INFEASIBLE OR NOT APPLICABLE

==========FINDINGS REGARDING PUBLIC RESOURCES CODE SECTION 45700==========

EVIDENCE REGARDING EXTENT OF HAZARDOUS WASTE IN SOLID WASTE DISPOSAL SITE:
Most of the VOC ground water contamination is primarily from vehicle maintenance activities. But other sources include burial trenches and spillage to ground. The south balloon area had burn pits, landfilling for waste disposal and an Industrial Water Waste Treatment Plant (IWWTP). Open dumping occured in the north balloon area.

EVIDENCE OF POTENTIAL EFFECTS THESE WASTES MAY HAVE UPON THE QUALITY OF WATERS OF THE STATE:
Primarily VOC contamination.

ACTIONS NEEDED TO PROTECT THE QUALITY OF WATERS OF THE STATE:
Ground water pump and treatment facility currently operating.

==========

ADDITIONAL COMMENTS (IF NECESSARY):
Clean up is being addressed under the federal Superfund program.
Interim ground water treatment system in south balloon area operating since March 1987. The interim ground water treatment system for the north balloon area should be operating by 1991.
Total site size is 724 acres.

ARE EXISTING DRINKING WATER WELLS IMPACTED? N
DOES THE WASTE MANAGEMENT UNIT HAVE AN ENGINEERED CONTAINMENT SYSTEM? N
DESCRIBE SYSTEM:

SOLID WASTE ASSESSMENT TEST (SWAT) REPORT SUMMARY

==========GENERAL DATA==========

SITE NAME:**RIO VISTA SANITATION SERVICE** RANK: 3

REGION:5S INITIALS OF REGIONAL BOARD CONTACT:JBM WDS ID NUMBER:5A480304001 SITE CLASSIFICATION:II-2

DATE REPORT RECEIVED BY REGIONAL BOARD:08/22/89 ACTIVITY:OPEN

DATE REPORT APPROVED BY REGIONAL BOARD:08/20/90 SITE CHARACTER:OTHER

REPORT STATUS:APPROVED SITE SIZE:BETWEEN 10 AND 100 ACRES

==========DATA SUBMITTED==========

	SURFACE WATER	GROUND WATER	UNSATURATED ZONE
NUMBER OF BACKGROUND SAMPLE LOCATIONS:	*	1	1
NUMBER OF DOWN-GRADIENT SAMPLE LOCATIONS:	*	4	4
TOTAL SAMPLE LOCATIONS:	*	5	5
NUMBER OF ROUNDS OF SAMPLING EVENTS:	*	1-5	1

==========FINDINGS REGARDING WATER CODE SUBSECTIONS 13273(d) & (e)==========

	SURFACE WATER	GROUND WATER	UNSATURATED ZONE
LEAKAGE DETECTED:			
HAZARDOUS WASTE (PER TITLE 22)?	*	N	N
WASTE CONSTITUENTS ABOVE DHS ACTION LEVELS?	*	N	N
WASTE CONSTITUENTS BELOW DHS ACTION LEVELS?	*	Y	Y

Y = YES; N = NO; A = DATA ABSENT

U = WASTE CONSTITUENTS DETECTED BUT SOURCE OF LEAKAGE UNDETERMINED

* = MONITORING WAIVED BECAUSE IT IS INFEASIBLE OR NOT APPLICABLE

==========FINDINGS REGARDING PUBLIC RESOURCES CODE SECTION 45700==========

EVIDENCE REGARDING EXTENT OF HAZARDOUS WASTE IN SOLID WASTE DISPOSAL SITE:
None.

EVIDENCE OF POTENTIAL EFFECTS THESE WASTES MAY HAVE UPON THE QUALITY OF WATERS OF THE STATE:
Degraded ground water in local area with elevated TDS & Chlorides. No VOCs found in ground water.

ACTIONS NEEDED TO PROTECT THE QUALITY OF WATERS OF THE STATE:
Future landfill cells to have LCRS. Low permeability cover for site.

==========

ADDITIONAL COMMENTS (IF NECESSARY):
* Surface water monitoring waived. Nearest defined surface water body is Sacramento River one mile away. No defined surface flow from landfill to river.

ARE EXISTING DRINKING WATER WELLS IMPACTED? N
DOES THE WASTE MANAGEMENT UNIT HAVE AN ENGINEERED CONTAINMENT SYSTEM? N
DESCRIBE SYSTEM:

SOLID WASTE ASSESSMENT TEST (SWAT) REPORT SUMMARY

==========GENERAL DATA==========

SITE NAME: **MONO COUNTY-PUMICE VALLEY LANDFILL** RANK: 1

REGION:6T INITIALS OF REGIONAL BOARD CONTACT:DH WDS ID NUMBER:6B260300011 SITE CLASSIFICATION:II-2

DATE REPORT RECEIVED BY REGIONAL BOARD:08/22/88 ACTIVITY:OPEN

DATE REPORT APPROVED BY REGIONAL BOARD:03/12/90 SITE CHARACTER:SANITARY LANDFILL

REPORT STATUS:APPROVED SITE SIZE:BETWEEN 10 AND 100 ACRES

==========DATA SUBMITTED==========

	SURFACE WATER	GROUND WATER	UNSATURATED ZONE
NUMBER OF BACKGROUND SAMPLE LOCATIONS:	*	1	1
NUMBER OF DOWN-GRADIENT SAMPLE LOCATIONS:	*	3	3
TOTAL SAMPLE LOCATIONS:	*	4	4
NUMBER OF ROUNDS OF SAMPLING EVENTS:	*	3	1

==========FINDINGS REGARDING WATER CODE SUBSECTIONS 13273(d) & (e)==========

	SURFACE WATER	GROUND WATER	UNSATURATED ZONE
LEAKAGE DETECTED:			
HAZARDOUS WASTE (PER TITLE 22)?	*	N	*
WASTE CONSTITUENTS ABOVE DHS ACTION LEVELS?	*	N	*
WASTE CONSTITUENTS BELOW DHS ACTION LEVELS?	*	N	*

Y = YES; N = NO; A = DATA ABSENT

U = WASTE CONSTITUENTS DETECTED BUT SOURCE OF LEAKAGE UNDETERMINED

* = MONITORING WAIVED BECAUSE IT IS INFEASIBLE OR NOT APPLICABLE

==========FINDINGS REGARDING PUBLIC RESOURCES CODE SECTION 45700==========

EVIDENCE REGARDING EXTENT OF HAZARDOUS WASTE IN SOLID WASTE DISPOSAL SITE:
No evidence.

EVIDENCE OF POTENTIAL EFFECTS THESE WASTES MAY HAVE UPON THE QUALITY OF WATERS OF THE STATE:
None.

ACTIONS NEEDED TO PROTECT THE QUALITY OF WATERS OF THE STATE:
None.

==========

ADDITIONAL COMMENTS (IF NECESSARY):
None.

ARE EXISTING DRINKING WATER WELLS IMPACTED? N
DOES THE WASTE MANAGEMENT UNIT HAVE AN ENGINEERED CONTAINMENT SYSTEM?
DESCRIBE SYSTEM:

SOLID WASTE ASSESSMENT TEST (SWAT) REPORT SUMMARY

==========GENERAL DATA==========

SITE NAME: **MONO COUNTY-BENTON CROSSING LANDFILL** RANK: 1

REGION:6T INITIALS OF REGIONAL BOARD CONTACT:DH WDS ID NUMBER:6B260300002 SITE CLASSIFICATION:II-2

DATE REPORT RECEIVED BY REGIONAL BOARD:06/28/88 ACTIVITY:OPEN

DATE REPORT APPROVED BY REGIONAL BOARD:03/09/90 SITE CHARACTER:SANITARY LANDFILL

REPORT STATUS:APPROVED SITE SIZE:BETWEEN 10 AND 100 ACRES

==========DATA SUBMITTED==========

	SURFACE WATER	GROUND WATER	UNSATURATED ZONE
NUMBER OF BACKGROUND SAMPLE LOCATIONS:	1	1	1
NUMBER OF DOWN-GRADIENT SAMPLE LOCATIONS:	1	3	1
TOTAL SAMPLE LOCATIONS:	2	4	2
NUMBER OF ROUNDS OF SAMPLING EVENTS:	3	3	3

==========FINDINGS REGARDING WATER CODE SUBSECTIONS 13273(d) & (e)==========

	SURFACE WATER	GROUND WATER	UNSATURATED ZONE
LEAKAGE DETECTED:			
HAZARDOUS WASTE (PER TITLE 22)?	N	N	N
WASTE CONSTITUENTS ABOVE DHS ACTION LEVELS?	N	N	N
WASTE CONSTITUENTS BELOW DHS ACTION LEVELS?	N	N	N

Y = YES; N = NO; A = DATA ABSENT

U = WASTE CONSTITUENTS DETECTED BUT SOURCE OF LEAKAGE UNDETERMINED

* = MONITORING WAIVED BECAUSE IT IS INFEASIBLE OR NOT APPLICABLE

==========FINDINGS REGARDING PUBLIC RESOURCES CODE SECTION 45700==========

EVIDENCE REGARDING EXTENT OF HAZARDOUS WASTE IN SOLID WASTE DISPOSAL SITE:
None.

EVIDENCE OF POTENTIAL EFFECTS THESE WASTES MAY HAVE UPON THE QUALITY OF WATERS OF THE STATE:
None.

ACTIONS NEEDED TO PROTECT THE QUALITY OF WATERS OF THE STATE:
None.

==========

ADDITIONAL COMMENTS (IF NECESSARY):
None.

ARE EXISTING DRINKING WATER WELLS IMPACTED? N
DOES THE WASTE MANAGEMENT UNIT HAVE AN ENGINEERED CONTAINMENT SYSTEM? N
DESCRIBE SYSTEM:

SOLID WASTE ASSESSMENT TEST (SWAT) REPORT SUMMARY

==========GENERAL DATA==========

SITE NAME:**MONO COUNTY-WALKER LANDFILL** RANK: 1

REGION:6T INITIALS OF REGIONAL BOARD CONTACT:DH WDS ID NUMBER:6A260012000 SITE CLASSIFICATION:II-2

DATE REPORT RECEIVED BY REGIONAL BOARD:08/22/88 ACTIVITY:OPEN

DATE REPORT APPROVED BY REGIONAL BOARD:03/13/90 SITE CHARACTER:SANITARY LANDFILL

REPORT STATUS:APPROVED SITE SIZE:BETWEEN 10 AND 100 ACRES

==========DATA SUBMITTED==========

	SURFACE WATER	GROUND WATER	UNSATURATED ZONE
NUMBER OF BACKGROUND SAMPLE LOCATIONS:	*	1	0
NUMBER OF DOWN-GRADIENT SAMPLE LOCATIONS:	*	2	2
TOTAL SAMPLE LOCATIONS:	*	3	2
NUMBER OF ROUNDS OF SAMPLING EVENTS:	*	3	3

==========FINDINGS REGARDING WATER CODE SUBSECTIONS 13273(d) & (e)==========

	SURFACE WATER	GROUND WATER	UNSATURATED ZONE
LEAKAGE DETECTED:			
HAZARDOUS WASTE (PER TITLE 22)?	*	N	N
WASTE CONSTITUENTS ABOVE DHS ACTION LEVELS?	*	N	N
WASTE CONSTITUENTS BELOW DHS ACTION LEVELS?	*	Y	Y

Y = YES; N = NO; A = DATA ABSENT

U = WASTE CONSTITUENTS DETECTED BUT SOURCE OF LEAKAGE UNDETERMINED

* = MONITORING WAIVED BECAUSE IT IS INFEASIBLE OR NOT APPLICABLE

==========FINDINGS REGARDING PUBLIC RESOURCES CODE SECTION 45700==========

EVIDENCE REGARDING EXTENT OF HAZARDOUS WASTE IN SOLID WASTE DISPOSAL SITE:
No evidence.

EVIDENCE OF POTENTIAL EFFECTS THESE WASTES MAY HAVE UPON THE QUALITY OF WATERS OF THE STATE:
One ground water monitoring well had very low levels of TCE. This well is located adjacent to an abandoned septage pond, which is the suggested source of the TCE.

ACTIONS NEEDED TO PROTECT THE QUALITY OF WATERS OF THE STATE:
An existing septage pond may be closed.

==========

ADDITIONAL COMMENTS (IF NECESSARY):

ARE EXISTING DRINKING WATER WELLS IMPACTED? N
DOES THE WASTE MANAGEMENT UNIT HAVE AN ENGINEERED CONTAINMENT SYSTEM?
DESCRIBE SYSTEM:

SOLID WASTE ASSESSMENT TEST (SWAT) REPORT SUMMARY

==========GENERAL DATA==========

SITE NAME: **BARSTOW LANDFILL** RANK: 1

REGION:6V INITIALS OF REGIONAL BOARD CONTACT:CS WDS ID NUMBER:6B360304005 SITE CLASSIFICATION:IIIN

DATE REPORT RECEIVED BY REGIONAL BOARD:02/29/88 ACTIVITY:OPEN

DATE REPORT APPROVED BY REGIONAL BOARD:11/06/89 SITE CHARACTER:SANITARY LANDFILL

REPORT STATUS:APPROVED SITE SIZE:GREATER THAN 100 ACRES

==========DATA SUBMITTED==========

	SURFACE WATER	GROUND WATER	UNSATURATED ZONE
NUMBER OF BACKGROUND SAMPLE LOCATIONS:	*	*	5
NUMBER OF DOWN-GRADIENT SAMPLE LOCATIONS:	*	*	30
TOTAL SAMPLE LOCATIONS:	*	*	35
NUMBER OF ROUNDS OF SAMPLING EVENTS:	*	*	4

==========FINDINGS REGARDING WATER CODE SUBSECTIONS 13273(d) & (e)==========

	SURFACE WATER	GROUND WATER	UNSATURATED ZONE
LEAKAGE DETECTED:			
HAZARDOUS WASTE (PER TITLE 22)?	*	*	N
WASTE CONSTITUENTS ABOVE DHS ACTION LEVELS?	*	*	N
WASTE CONSTITUENTS BELOW DHS ACTION LEVELS?	*	*	N

Y = YES; N = NO; A = DATA ABSENT

U = WASTE CONSTITUENTS DETECTED BUT SOURCE OF LEAKAGE UNDETERMINED

* = MONITORING WAIVED BECAUSE IT IS INFEASIBLE OR NOT APPLICABLE

==========FINDINGS REGARDING PUBLIC RESOURCES CODE SECTION 45700==========

EVIDENCE REGARDING EXTENT OF HAZARDOUS WASTE IN SOLID WASTE DISPOSAL SITE:
Municipal waste with household hazardous waste.

EVIDENCE OF POTENTIAL EFFECTS THESE WASTES MAY HAVE UPON THE QUALITY OF WATERS OF THE STATE:
An exploratory borehole was drilled to a depth of 900 feet to locate ground water; however, no saturated zones were encountered. Four lysimeters were installed and monitored for four quarters; however there was not enough soil moisture to collect a vadose zone water sample. One soil sample was collected at a depth of 70 feet for volatile organic compound (VOC) analysis. No VOC's were detected.

The site owner's consultant collected 33 soil samples from four borings for mineral and Title 22 metal analysis. The laboratory results indicated that the landfill had not leaked. However, the results did indicate that the onsite septage ponds had been leaking.

ACTIONS NEEDED TO PROTECT THE QUALITY OF WATERS OF THE STATE:
The Regional Board is requiring that the site owner install a Class II liner system for the septage ponds.

==========

ADDITIONAL COMMENTS (IF NECESSARY):

ARE EXISTING DRINKING WATER WELLS IMPACTED? N
DOES THE WASTE MANAGEMENT UNIT HAVE AN ENGINEERED CONTAINMENT SYSTEM? N
DESCRIBE SYSTEM:

SOLID WASTE ASSESSMENT TEST (SWAT) REPORT SUMMARY

==========GENERAL DATA==========

SITE NAME: **HEAPS PEAK LANDFILL** RANK: 1

REGION:6V INITIALS OF REGIONAL BOARD CONTACT:CS WDS ID NUMBER:6B360304041 SITE CLASSIFICATION:IIIN

DATE REPORT RECEIVED BY REGIONAL BOARD:02/04/88 ACTIVITY:CLOSED

DATE REPORT APPROVED BY REGIONAL BOARD:11/06/89 SITE CHARACTER:SANITARY LANDFILL

REPORT STATUS:APPROVED SITE SIZE:GREATER THAN 100 ACRES

==========DATA SUBMITTED==========

	SURFACE WATER	GROUND WATER	UNSATURATED ZONE
NUMBER OF BACKGROUND SAMPLE LOCATIONS:	1	1	*
NUMBER OF DOWN-GRADIENT SAMPLE LOCATIONS:	2	2	*
TOTAL SAMPLE LOCATIONS:	3	3	*
NUMBER OF ROUNDS OF SAMPLING EVENTS:	4	4	*

==========FINDINGS REGARDING WATER CODE SUBSECTIONS 13273(d) & (e)==========

	SURFACE WATER	GROUND WATER	UNSATURATED ZONE
LEAKAGE DETECTED:			
HAZARDOUS WASTE (PER TITLE 22)?	N	N	*
WASTE CONSTITUENTS ABOVE DHS ACTION LEVELS?	N	N	*
WASTE CONSTITUENTS BELOW DHS ACTION LEVELS?	N	N	*

Y = YES; N = NO; A = DATA ABSENT

U = WASTE CONSTITUENTS DETECTED BUT SOURCE OF LEAKAGE UNDETERMINED

* = MONITORING WAIVED BECAUSE IT IS INFEASIBLE OR NOT APPLICABLE

==========FINDINGS REGARDING PUBLIC RESOURCES CODE SECTION 45700==========

EVIDENCE REGARDING EXTENT OF HAZARDOUS WASTE IN SOLID WASTE DISPOSAL SITE:
Municipal waste with household hazardous waste.

EVIDENCE OF POTENTIAL EFFECTS THESE WASTES MAY HAVE UPON THE QUALITY OF WATERS OF THE STATE:
Ground and surface water sampling results indicate that wastes are not affecting the quality of Shake Creek or ground water located downgradient of the landfill.

ACTIONS NEEDED TO PROTECT THE QUALITY OF WATERS OF THE STATE:
The landfill is located near the crest of the San Bernardino Mountains in the Shake Creek watershed where the stratigraphy consists of a thin alluvial layer overlying bedrock. The landfill owner, County of San Bernardino, permanently closed the landfill in 1982. As a part of the closure the County installed a leachate collection and removal system (LCRS) and erosion/sedimentation control facilities to protect Shake Creek. The LCRS includes a subdrain system located on top of the shallow bedrock. Subdrains collect a mixture of ground water underflow and leachate and convey it to a lined pond where it is pumped into an irrigation system for maintaining vegetation throughout the site. During winter months, the pond overflows into Shake Creek. Constituent concentrations in the ground water-leachate mixture are low and do not significantly increase constituent concentrations in Shake Creek above background levels.

==========

ADDITIONAL COMMENTS (IF NECESSARY):

ARE EXISTING DRINKING WATER WELLS IMPACTED? N
DOES THE WASTE MANAGEMENT UNIT HAVE AN ENGINEERED CONTAINMENT SYSTEM? Y
DESCRIBE SYSTEM: (See above discussion)

SOLID WASTE ASSESSMENT TEST (SWAT) REPORT SUMMARY

==========GENERAL DATA==========

SITE NAME: **LENWOOD/HINKLEY LANDFILL** RANK: 1

REGION:6V INITIALS OF REGIONAL BOARD CONTACT:CS WDS ID NUMBER:6B360304013 SITE CLASSIFICATION:IIIN

DATE REPORT RECEIVED BY REGIONAL BOARD:02/29/88 ACTIVITY:OPEN

DATE REPORT APPROVED BY REGIONAL BOARD:11/06/89 SITE CHARACTER:SANITARY LANDFILL

REPORT STATUS:APPROVED SITE SIZE:GREATER THAN 100 ACRES

==========DATA SUBMITTED==========

	SURFACE WATER	GROUND WATER	UNSATURATED ZONE
NUMBER OF BACKGROUND SAMPLE LOCATIONS:	*	0	0
NUMBER OF DOWN-GRADIENT SAMPLE LOCATIONS:	*	7	15
TOTAL SAMPLE LOCATIONS:	*	7	15
NUMBER OF ROUNDS OF SAMPLING EVENTS:	*	4	1

==========FINDINGS REGARDING WATER CODE SUBSECTIONS 13273(d) & (e)==========

	SURFACE WATER	GROUND WATER	UNSATURATED ZONE
LEAKAGE DETECTED:			
HAZARDOUS WASTE (PER TITLE 22)?	*	N	N
WASTE CONSTITUENTS ABOVE DHS ACTION LEVELS?	*	Y	N
WASTE CONSTITUENTS BELOW DHS ACTION LEVELS?	*	Y	N

Y = YES; N = NO; A = DATA ABSENT

U = WASTE CONSTITUENTS DETECTED BUT SOURCE OF LEAKAGE UNDETERMINED

* = MONITORING WAIVED BECAUSE IT IS INFEASIBLE OR NOT APPLICABLE

==========FINDINGS REGARDING PUBLIC RESOURCES CODE SECTION 45700==========

EVIDENCE REGARDING EXTENT OF HAZARDOUS WASTE IN SOLID WASTE DISPOSAL SITE:
Municipal waste with household hazardous waste.

EVIDENCE OF POTENTIAL EFFECTS THESE WASTES MAY HAVE UPON THE QUALITY OF WATERS OF THE STATE:
During the period of 1/88 through 4/89, the following constituents were present in ground water samples collected from seven onsite monitoring wells at the following maximum concentrations:

Total dissolved solids	2,965	*
Chloride	670	*
Sulfate	585	*
Nitrate	560	*
Fluoride	7.6	*
Iron	1	*
Manganese	0.28	*
Arsenic	0.8	*
Boron	4.5	
Benzene	2.4	*
1,2-Dichlorobenzene	1.0	
1,4-Dichlorobenzene	5.2	*
Chlorobenzene	0.5	
Chloromethane	5.8	
Carbon Tetrachloride	1.5	*
Chloroethane	9.7	
Chloroform	3.2	
Dichlorofluoromethane	26	
1,1-Dichloroethane	170	*
trans-1,2-Dichloroethylene	7.8	
Methylene Chloride	12	
Tetrachloroethene	3.1	
1,1,1-Trichloroethane	103	
Trichloroethylene	3.8	
Trichlorofluoromethane	1.1	
Vinyl Chloride	220	*
cis-1,2-Dichloroethylene	200	*

* Exceeded drinking water limits

The high concentrations of fluoride, arsenic and some minerals may be due to natural occurring phenomena.

Unsaturated zone monitoring consisted of laboratory analysis of soil samples collected at 15 locations in monitoring well borings. The samples were analyzed for minerals and Title 22 metals. Unlike the ground water sampling results, the vadose zone monitoring results indicated that the landfill had not leaked. No further vadose zone monitoring is needed, because ground water monitoring has already shown that wastes have affected ground water.

There are no water wells located within one mile of the landfill.

ACTIONS NEEDED TO PROTECT THE QUALITY OF WATERS OF THE STATE:
The site owner is required to complete the investigation that is currently underway to determine extent of ground water pollution and consruct necessary ground water remediation facilities, such as a ground water pump and treat system and a landfill gas extraction facility.

==========

ADDITIONAL COMMENTS (IF NECESSARY):

ARE EXISTING DRINKING WATER WELLS IMPACTED? N
DOES THE WASTE MANAGEMENT UNIT HAVE AN ENGINEERED CONTAINMENT SYSTEM? N
DESCRIBE SYSTEM:

SOLID WASTE ASSESSMENT TEST (SWAT) REPORT SUMMARY

==========GENERAL DATA==========

SITE NAME: **PHELAN LANDFILL** RANK: 1

REGION:6V INITIALS OF REGIONAL BOARD CONTACT:CS WDS ID NUMBER:6B360304020 SITE CLASSIFICATION:IIIN

DATE REPORT RECEIVED BY REGIONAL BOARD:02/29/88 ACTIVITY:OPEN

DATE REPORT APPROVED BY REGIONAL BOARD:11/30/89 SITE CHARACTER:SANITARY LANDFILL

REPORT STATUS:APPROVED SITE SIZE:BETWEEN 10 AND 100 ACRES

==========DATA SUBMITTED==========

	SURFACE WATER	GROUND WATER	UNSATURATED ZONE
NUMBER OF BACKGROUND SAMPLE LOCATIONS:	*	*	9
NUMBER OF DOWN-GRADIENT SAMPLE LOCATIONS:	*	*	26
TOTAL SAMPLE LOCATIONS:	*	*	35
NUMBER OF ROUNDS OF SAMPLING EVENTS:	*	*	4

==========FINDINGS REGARDING WATER CODE SUBSECTIONS 13273(d) & (e)==========

	SURFACE WATER	GROUND WATER	UNSATURATED ZONE
LEAKAGE DETECTED:			
HAZARDOUS WASTE (PER TITLE 22)?	*	*	N
WASTE CONSTITUENTS ABOVE DHS ACTION LEVELS?	*	*	N
WASTE CONSTITUENTS BELOW DHS ACTION LEVELS?	*	*	N

Y = YES; N = NO; A = DATA ABSENT

U = WASTE CONSTITUENTS DETECTED BUT SOURCE OF LEAKAGE UNDETERMINED

* = MONITORING WAIVED BECAUSE IT IS INFEASIBLE OR NOT APPLICABLE

==========FINDINGS REGARDING PUBLIC RESOURCES CODE SECTION 45700==========

EVIDENCE REGARDING EXTENT OF HAZARDOUS WASTE IN SOLID WASTE DISPOSAL SITE:
Municipal waste with household hazardous waste.

EVIDENCE OF POTENTIAL EFFECTS THESE WASTES MAY HAVE UPON THE QUALITY OF WATERS OF THE STATE:
An exploratory borehole was drilled to a depth of 1000 feet to locate ground water; however, no saturated zones were encountered. Five lysimeters were installed and monitored for three quarters. There was not enough soil moisture to collect a vadose zone water sample. The site owners consultant could not collect a split spoon sample of soil; and therefore, the consultant did not analyze any soil samples for VOC's.

The consultant collected 35 soil samples from six borings for mineral and Title 22 metal analysis. The laboratory results indicated that the landfill had not leaked.
A separate consultant for the site owner collected 11 soil samples from two borings completed in the unlined septage ponds at the landfill. The results indicated that the septage ponds were leaking.

ACTIONS NEEDED TO PROTECT THE QUALITY OF WATERS OF THE STATE:
The site owner has closed the septage ponds to prevent further leakage into the vadose zone.

==========

ADDITIONAL COMMENTS (IF NECESSARY):

ARE EXISTING DRINKING WATER WELLS IMPACTED? N
DOES THE WASTE MANAGEMENT UNIT HAVE AN ENGINEERED CONTAINMENT SYSTEM? N
DESCRIBE SYSTEM:

SOLID WASTE ASSESSMENT TEST (SWAT) REPORT SUMMARY

==========GENERAL DATA==========

SITE NAME: **LANCASTER LANDFILL** RANK: 3

REGION:6V INITIALS OF REGIONAL BOARD CONTACT:CS WDS ID NUMBER:6B190343001 SITE CLASSIFICATION:II-2

DATE REPORT RECEIVED BY REGIONAL BOARD:06/29/89 ACTIVITY:OPEN

DATE REPORT APPROVED BY REGIONAL BOARD:11/03/89 SITE CHARACTER:OTHER

REPORT STATUS:APPROVED SITE SIZE:BETWEEN 10 AND 100 ACRES

==========DATA SUBMITTED==========

	SURFACE WATER	GROUND WATER	UNSATURATED ZONE
NUMBER OF BACKGROUND SAMPLE LOCATIONS:	*	2	1
NUMBER OF DOWN-GRADIENT SAMPLE LOCATIONS:	*	5	2
TOTAL SAMPLE LOCATIONS:	*	7	3
NUMBER OF ROUNDS OF SAMPLING EVENTS:	*	8	1

==========FINDINGS REGARDING WATER CODE SUBSECTIONS 13273(d) & (e)==========

	SURFACE WATER	GROUND WATER	UNSATURATED ZONE
LEAKAGE DETECTED:			
HAZARDOUS WASTE (PER TITLE 22)?	*	N	N
WASTE CONSTITUENTS ABOVE DHS ACTION LEVELS?	*	Y	N
WASTE CONSTITUENTS BELOW DHS ACTION LEVELS?	*	Y	N

Y = YES; N = NO; A = DATA ABSENT

U = WASTE CONSTITUENTS DETECTED BUT SOURCE OF LEAKAGE UNDETERMINED

* = MONITORING WAIVED BECAUSE IT IS INFEASIBLE OR NOT APPLICABLE

==========FINDINGS REGARDING PUBLIC RESOURCES CODE SECTION 45700==========

EVIDENCE REGARDING EXTENT OF HAZARDOUS WASTE IN SOLID WASTE DISPOSAL SITE:
Municipal waste with household hazardous waste.

EVIDENCE OF POTENTIAL EFFECTS THESE WASTES MAY HAVE UPON THE QUALITY OF WATERS OF THE STATE:
During the period of 4/88 to 2/90, the following constituents were present in ground water samples collected from five onsite monitoring wells at the following maximum concentrations (in micrograms/liter):

Total dissolved solids	2,090	*
Iron	14,000	*
Methylene chloride	16	
Tetrachloroethylene	67	*
Trichloroethylene	7	*
Vinyl chloride	147	*
Formaldehyde	3400	*
Dichlorodifluoromethane	193	
1,1-Dichloroethane	2	
1,1-Dichloroethene	1	
Trichlorofluoramethane	7	
Benzene	2	*
Chloroethane	11.5	
Ethylbenzene	7.2	
Toluene	29.5	
1,2-Trans-dichloroethylene	24.7	

* Exceeded drinking water limits

Unsaturated zone monitoring consisted of laboratory analysis of soil samples collected at three locations; the wall of a cell excavation and the borings for monitoring wells MW-5 & 6. The samples were analyzed for organics contained on the list of EPA priority pollutants. No organics were detected.

ACTIONS NEEDED TO PROTECT THE QUALITY OF WATERS OF THE STATE:
The landfill owner is required to complete the investigation that is underway to determine the extent of ground water pollution, and

construct necessary ground water remediation facilities such as a ground water pump and treat system.

==========

ADDITIONAL COMMENTS (IF NECESSARY):
Investigation of the extent of the pollution is essentially completed, and a report on the results of the investigation is scheduled to be submitted to the Board by December 1990. Preliminary information already provided to the Board indicates that the polluted ground water is located in the Principle Aquifer (upper aquifer) between the top of the aquifer (water table) to a depth of 50 feet below the water table. The pollution has migrated laterally in a southeasterly direction by a maximum distance of 1500 feet. Sampling results for domestic water supply wells located at the landfill and offsite water supply wells located closest to the landfill indicate that no water wells have been affected by the pollution. The closest offsite water supply wells are located 0.5 miles from the landfill.

ARE EXISTING DRINKING WATER WELLS IMPACTED? N
DOES THE WASTE MANAGEMENT UNIT HAVE AN ENGINEERED CONTAINMENT SYSTEM? N
DESCRIBE SYSTEM:

SOLID WASTE ASSESSMENT TEST (SWAT) REPORT SUMMARY

==========GENERAL DATA==========

SITE NAME: **RIVERSIDE COUNTY-BLYTHE LANDFILL** RANK: 1

REGION:7 INITIALS OF REGIONAL BOARD CONTACT:AA WDS ID NUMBER:7B330305021 SITE CLASSIFICATION:III

DATE REPORT RECEIVED BY REGIONAL BOARD:02/18/88 ACTIVITY:OPEN

DATE REPORT APPROVED BY REGIONAL BOARD:04/02/90 SITE CHARACTER:SANITARY LANDFILL

REPORT STATUS:APPROVED SITE SIZE:GREATER THAN 100 ACRES

==========DATA SUBMITTED==========

	SURFACE WATER	GROUND WATER	UNSATURATED ZONE
NUMBER OF BACKGROUND SAMPLE LOCATIONS:	*	1	0
NUMBER OF DOWN-GRADIENT SAMPLE LOCATIONS:	*	1	6
TOTAL SAMPLE LOCATIONS:	*	2	6
NUMBER OF ROUNDS OF SAMPLING EVENTS:	*	5	2

==========FINDINGS REGARDING WATER CODE SUBSECTIONS 13273(d) & (e)==========

	SURFACE WATER	GROUND WATER	UNSATURATED ZONE
LEAKAGE DETECTED:			
HAZARDOUS WASTE (PER TITLE 22)?	*	N	N
WASTE CONSTITUENTS ABOVE DHS ACTION LEVELS?	*	Y	N
WASTE CONSTITUENTS BELOW DHS ACTION LEVELS?	*	Y	Y

Y = YES; N = NO; A = DATA ABSENT

U = WASTE CONSTITUENTS DETECTED BUT SOURCE OF LEAKAGE UNDETERMINED

* = MONITORING WAIVED BECAUSE IT IS INFEASIBLE OR NOT APPLICABLE

==========FINDINGS REGARDING PUBLIC RESOURCES CODE SECTION 45700==========

EVIDENCE REGARDING EXTENT OF HAZARDOUS WASTE IN SOLID WASTE DISPOSAL SITE:
Site accepts household hazardous wastes.

EVIDENCE OF POTENTIAL EFFECTS THESE WASTES MAY HAVE UPON THE QUALITY OF WATERS OF THE STATE:
Potential effects will be degradation of ground water quality in the vicinity of the site.Ground water is used for municipal,industrial,and agricultural supplies. Several organics,and metals were detected above and below DHS action levels.

The results of the SWAT investigative work show that ground water is contaminated by several volatile organic compounds (VOCs). The following VOCs and their maximum concentrations were detected in ground water monitoring wells from 9/87 to 12/89:

1,1-dichloroehane	12	
methylene chloride	22	
tetrachloroethene	13	*
1,1,1-trichloroethane	3.7	
trichloroethylene	4.1	
trichlorofluoromethane	12	
chloroform	1.4	
dichlorodifluoromethane	6.3	
bromomethane	4.8	
1,2-dichlorobenzene	3.0	
toluene	4.9	
benzene	1.3	*

* Exceed Federal and State Drinking Standards

ACTIONS NEEDED TO PROTECT THE QUALITY OF WATERS OF THE STATE:
Cleanup and Abatement Order No.90-77 was issued on 10/2/90.
Discharger is required to delineate the contaminant plume and submit a remediation plan by 9/1/91.

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ADDITIONAL COMMENTS (IF NECESSARY):

ARE EXISTING DRINKING WATER WELLS IMPACTED? N
DOES THE WASTE MANAGEMENT UNIT HAVE AN ENGINEERED CONTAINMENT SYSTEM? N
DESCRIBE SYSTEM:

SOLID WASTE ASSESSMENT TEST (SWAT) REPORT SUMMARY

==========GENERAL DATA==========

SITE NAME: **SAN BERNARDINO COUNTY-LANDERS LANDFILL** RANK: 2

REGION:7 INITIALS OF REGIONAL BOARD CONTACT:AA WDS ID NUMBER:7A360304121 SITE CLASSIFICATION:III

DATE REPORT RECEIVED BY REGIONAL BOARD:04/25/88 ACTIVITY:OPEN

DATE REPORT APPROVED BY REGIONAL BOARD:01/25/90 SITE CHARACTER:SANITARY LANDFILL

REPORT STATUS:APPROVED SITE SIZE:GREATER THAN 100 ACRES

==========DATA SUBMITTED==========

	SURFACE WATER	GROUND WATER	UNSATURATED ZONE
NUMBER OF BACKGROUND SAMPLE LOCATIONS:	*	2	3
NUMBER OF DOWN-GRADIENT SAMPLE LOCATIONS:	*	4	9
TOTAL SAMPLE LOCATIONS:	*	6	12
NUMBER OF ROUNDS OF SAMPLING EVENTS:	*	4	2

==========FINDINGS REGARDING WATER CODE SUBSECTIONS 13273(d) & (e)==========

	SURFACE WATER	GROUND WATER	UNSATURATED ZONE
LEAKAGE DETECTED:			
HAZARDOUS WASTE (PER TITLE 22)?	*	N	N
WASTE CONSTITUENTS ABOVE DHS ACTION LEVELS?	*	N	N
WASTE CONSTITUENTS BELOW DHS ACTION LEVELS?	*	Y	Y

Y = YES; N = NO; A = DATA ABSENT

U = WASTE CONSTITUENTS DETECTED BUT SOURCE OF LEAKAGE UNDETERMINED

* = MONITORING WAIVED BECAUSE IT IS INFEASIBLE OR NOT APPLICABLE

==========FINDINGS REGARDING PUBLIC RESOURCES CODE SECTION 45700==========

EVIDENCE REGARDING EXTENT OF HAZARDOUS WASTE IN SOLID WASTE DISPOSAL SITE:
Household hazardous wastes, service station trap pumpings are disposed of at this site.

EVIDENCE OF POTENTIAL EFFECTS THESE WASTES MAY HAVE UPON THE QUALITY OF WATERS OF THE STATE:
The landfill may be affecting the ground water. Additional monitoring is necessary to confirm the presence of volatile organic compounds (VOCs). The following VOCs and their maximum concentration were detected in one downgradient monitoring well:

1,1-dichloroethane	3.2 ppb
tetrachloroethene	2.2 ppb
trichloroethene	1.2 ppb

ACTIONS NEEDED TO PROTECT THE QUALITY OF WATERS OF THE STATE:
Continued close monitoring of ground water quarterly.

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ADDITIONAL COMMENTS (IF NECESSARY):

ARE EXISTING DRINKING WATER WELLS IMPACTED? N
DOES THE WASTE MANAGEMENT UNIT HAVE AN ENGINEERED CONTAINMENT SYSTEM? N
DESCRIBE SYSTEM:

SOLID WASTE ASSESSMENT TEST (SWAT) REPORT SUMMARY

==========GENERAL DATA==========

SITE NAME: **RIVERSIDE COUNTY-COACHELLA VALLEY LANDFILL** RANK: 3

REGION:7 INITIALS OF REGIONAL BOARD CONTACT:AA WDS ID NUMBER:7A330305061 SITE CLASSIFICATION:III

DATE REPORT RECEIVED BY REGIONAL BOARD:08/23/89 ACTIVITY:OPEN

DATE REPORT APPROVED BY REGIONAL BOARD:08/02/90 SITE CHARACTER:SANITARY LANDFILL

REPORT STATUS:APPROVED SITE SIZE:GREATER THAN 100 ACRES

==========DATA SUBMITTED==========

	SURFACE WATER	GROUND WATER	UNSATURATED ZONE
NUMBER OF BACKGROUND SAMPLE LOCATIONS:	*	1	2
NUMBER OF DOWN-GRADIENT SAMPLE LOCATIONS:	*	2	4
TOTAL SAMPLE LOCATIONS:	*	3	6
NUMBER OF ROUNDS OF SAMPLING EVENTS:	*	3	1

==========FINDINGS REGARDING WATER CODE SUBSECTIONS 13273(d) & (e)==========

	SURFACE WATER	GROUND WATER	UNSATURATED ZONE
LEAKAGE DETECTED:			
HAZARDOUS WASTE (PER TITLE 22)?	*	N	N
WASTE CONSTITUENTS ABOVE DHS ACTION LEVELS?	*	Y	N
WASTE CONSTITUENTS BELOW DHS ACTION LEVELS?	*	Y	Y

Y = YES; N = NO; A = DATA ABSENT

U = WASTE CONSTITUENTS DETECTED BUT SOURCE OF LEAKAGE UNDETERMINED

* = MONITORING WAIVED BECAUSE IT IS INFEASIBLE OR NOT APPLICABLE

==========FINDINGS REGARDING PUBLIC RESOURCES CODE SECTION 45700==========

EVIDENCE REGARDING EXTENT OF HAZARDOUS WASTE IN SOLID WASTE DISPOSAL SITE:
Household hazardous wastes are disposed of at this site.

EVIDENCE OF POTENTIAL EFFECTS THESE WASTES MAY HAVE UPON THE QUALITY OF WATERS OF THE STATE:
Ground water had been adversely impacted. The following organics were detected in monitering wells at the site:

Tetrachloroethene	76 ppb (max)
Trichloroethylene	10 ppb (max)
Toluene	570 ppb (max)
Methylene chloride	43 ppb (max)
1,1-dichloroethane	13 ppb (max)

ACTIONS NEEDED TO PROTECT THE QUALITY OF WATERS OF THE STATE:
Discharger was requested to cleanup and abate effects of the discharge,and submit a remediation plan by 10/15/91 (C&A 90-74).

==========

ADDITIONAL COMMENTS (IF NECESSARY):

ARE EXISTING DRINKING WATER WELLS IMPACTED? N
DOES THE WASTE MANAGEMENT UNIT HAVE AN ENGINEERED CONTAINMENT SYSTEM? N
DESCRIBE SYSTEM:

SOLID WASTE ASSESSMENT TEST (SWAT) REPORT SUMMARY

==========GENERAL DATA==========

SITE NAME: **CALIF. NATIONAL GUARD-US ARMED FORCES RESERVE CENTER** RANK: 1

REGION:8 INITIALS OF REGIONAL BOARD CONTACT:GSR WDS ID NUMBER:8 302610NUR SITE CLASSIFICATION:II

DATE REPORT RECEIVED BY REGIONAL BOARD:05/24/88 ACTIVITY:CLOSED

DATE REPORT APPROVED BY REGIONAL BOARD:08/03/90 SITE CHARACTER:SURFACE IMPOUNDMENT

REPORT STATUS:APPROVED SITE SIZE:BETWEEN 10 AND 100 ACRES

==========DATA SUBMITTED==========

	SURFACE WATER	GROUND WATER	UNSATURATED ZONE
NUMBER OF BACKGROUND SAMPLE LOCATIONS:	1	5	0
NUMBER OF DOWN-GRADIENT SAMPLE LOCATIONS:	1	7	0
TOTAL SAMPLE LOCATIONS:	2	12	0
NUMBER OF ROUNDS OF SAMPLING EVENTS:	3	6	0

==========FINDINGS REGARDING WATER CODE SUBSECTIONS 13273(d) & (e)==========

	SURFACE WATER	GROUND WATER	UNSATURATED ZONE
LEAKAGE DETECTED:			
HAZARDOUS WASTE (PER TITLE 22)?	U	N	U
WASTE CONSTITUENTS ABOVE DHS ACTION LEVELS?	U	Y	U
WASTE CONSTITUENTS BELOW DHS ACTION LEVELS?	U	Y	U

Y = YES; N = NO; A = DATA ABSENT

U = WASTE CONSTITUENTS DETECTED BUT SOURCE OF LEAKAGE UNDETERMINED

* = MONITORING WAIVED BECAUSE IT IS INFEASIBLE OR NOT APPLICABLE

==========FINDINGS REGARDING PUBLIC RESOURCES CODE SECTION 45700==========

EVIDENCE REGARDING EXTENT OF HAZARDOUS WASTE IN SOLID WASTE DISPOSAL SITE:
Data suggests site is leaking hazwaste; purgeable halocarbons above DHS 10/87 drinking water action levels were reported.

EVIDENCE OF POTENTIAL EFFECTS THESE WASTES MAY HAVE UPON THE QUALITY OF WATERS OF THE STATE:
Contaminants appear to be confined to a perched aquifer reportedly discontinuous with regional aquifer.

ACTIONS NEEDED TO PROTECT THE QUALITY OF WATERS OF THE STATE:
Additional monitoring is being scheduled to verify findings and to investigate possible offsite pollutant sources. Additional monitoring wells may be constructed.

==========

ADDITIONAL COMMENTS (IF NECESSARY):
LF bottem is at/in capillary fringe or below water table, therefore no unsaturated zone monitoring was necessary.

ARE EXISTING DRINKING WATER WELLS IMPACTED? N
DOES THE WASTE MANAGEMENT UNIT HAVE AN ENGINEERED CONTAINMENT SYSTEM?
DESCRIBE SYSTEM:

SOLID WASTE ASSESSMENT TEST (SWAT) REPORT SUMMARY

==========GENERAL DATA==========

SITE NAME: **SAN BERNARDINO COUNTY-FONTANA LANDFILL** RANK: 1

REGION:8 INITIALS OF REGIONAL BOARD CONTACT:AMJ WDS ID NUMBER:8 360304009 SITE CLASSIFICATION:II-2

DATE REPORT RECEIVED BY REGIONAL BOARD:12/30/87 ACTIVITY:OPEN

DATE REPORT APPROVED BY REGIONAL BOARD:11/30/89 SITE CHARACTER:SANITARY LANDFILL

REPORT STATUS:APPROVED SITE SIZE:GREATER THAN 100 ACRES

==========DATA SUBMITTED==========

	SURFACE WATER	GROUND WATER	UNSATURATED ZONE
NUMBER OF BACKGROUND SAMPLE LOCATIONS:	*	2	1
NUMBER OF DOWN-GRADIENT SAMPLE LOCATIONS:	*	4	0
TOTAL SAMPLE LOCATIONS:	*	6	1
NUMBER OF ROUNDS OF SAMPLING EVENTS:	*	4	1

==========FINDINGS REGARDING WATER CODE SUBSECTIONS 13273(d) & (e)==========

	SURFACE WATER	GROUND WATER	UNSATURATED ZONE
LEAKAGE DETECTED:			
HAZARDOUS WASTE (PER TITLE 22)?	*	N	N
WASTE CONSTITUENTS ABOVE DHS ACTION LEVELS?	*	Y	N
WASTE CONSTITUENTS BELOW DHS ACTION LEVELS?	*	Y	Y

Y = YES; N = NO; A = DATA ABSENT

U = WASTE CONSTITUENTS DETECTED BUT SOURCE OF LEAKAGE UNDETERMINED

* = MONITORING WAIVED BECAUSE IT IS INFEASIBLE OR NOT APPLICABLE

==========FINDINGS REGARDING PUBLIC RESOURCES CODE SECTION 45700==========

EVIDENCE REGARDING EXTENT OF HAZARDOUS WASTE IN SOLID WASTE DISPOSAL SITE:
No hazardous waste in site reported.

EVIDENCE OF POTENTIAL EFFECTS THESE WASTES MAY HAVE UPON THE QUALITY OF WATERS OF THE STATE:
Leakage from the site may adversely affect the beneficial use of underlying groundwater.
Selenium (0.18 ppm) found above Federal Drinking Water MCLs.
Compounds detected during all quarters below regulatory levels or not regulated include:

dichlorodifluoromethane	40 ppb	(maximum concentration)
tetrachloroethane (PCE)	4.3 ppb	
trichloroethylene (TCE)	0.6 ppb	
trichlorofluoromethane	5.0 ppb	

ACTIONS NEEDED TO PROTECT THE QUALITY OF WATERS OF THE STATE:
More wells are being installed per Chapter 15 for continued monitoring by San Bernardino County.

==========

ADDITIONAL COMMENTS (IF NECESSARY):
Every well is currently dry.

ARE EXISTING DRINKING WATER WELLS IMPACTED? N
DOES THE WASTE MANAGEMENT UNIT HAVE AN ENGINEERED CONTAINMENT SYSTEM? N
DESCRIBE SYSTEM:

SOLID WASTE ASSESSMENT TEST (SWAT) REPORT SUMMARY

==========GENERAL DATA==========

SITE NAME: **SAN BERNARDINO COUNTY-MILLIKEN LANDFILL** RANK: 1

REGION:8 INITIALS OF REGIONAL BOARD CONTACT:JMH WDS ID NUMBER:8 360304039 SITE CLASSIFICATION:II-2

DATE REPORT RECEIVED BY REGIONAL BOARD:12/30/87 ACTIVITY:OPEN

DATE REPORT APPROVED BY REGIONAL BOARD:10/25/89 SITE CHARACTER:SANITARY LANDFILL

REPORT STATUS:APPROVED SITE SIZE:GREATER THAN 100 ACRES

==========DATA SUBMITTED==========

	SURFACE WATER	GROUND WATER	UNSATURATED ZONE
NUMBER OF BACKGROUND SAMPLE LOCATIONS:	*	2	0
NUMBER OF DOWN-GRADIENT SAMPLE LOCATIONS:	*	3	1
TOTAL SAMPLE LOCATIONS:	*	5	1
NUMBER OF ROUNDS OF SAMPLING EVENTS:	*	4	1

==========FINDINGS REGARDING WATER CODE SUBSECTIONS 13273(d) & (e)==========

	SURFACE WATER	GROUND WATER	UNSATURATED ZONE
LEAKAGE DETECTED:			
HAZARDOUS WASTE (PER TITLE 22)?	*	N	N
WASTE CONSTITUENTS ABOVE DHS ACTION LEVELS?	*	Y	N
WASTE CONSTITUENTS BELOW DHS ACTION LEVELS?	*	Y	Y

Y = YES; N = NO; A = DATA ABSENT

U = WASTE CONSTITUENTS DETECTED BUT SOURCE OF LEAKAGE UNDETERMINED

* = MONITORING WAIVED BECAUSE IT IS INFEASIBLE OR NOT APPLICABLE

==========FINDINGS REGARDING PUBLIC RESOURCES CODE SECTION 45700==========

EVIDENCE REGARDING EXTENT OF HAZARDOUS WASTE IN SOLID WASTE DISPOSAL SITE:
No hazardous levels of waste reported from site.

EVIDENCE OF POTENTIAL EFFECTS THESE WASTES MAY HAVE UPON THE QUALITY OF WATERS OF THE STATE:
Leakage from the site may adversely affect beneficial use of the waters of the state.
VOCs found in downgradient monitoring well MW-2B include:

Tetrachloroethene	25	ppb	*
TCE	23	ppb	*
Vinyl chloride	0.6	ppb	*
MEK	6.6	ppb	

Seven other VOCs detected below regulatory levels in MW-2B.
* Above MCL

ACTIONS NEEDED TO PROTECT THE QUALITY OF WATERS OF THE STATE:
Chapter 15 program underway with recent San Bernardino County contract for a new groundwater investigation to define the contaminant plume and to determine whether landfill gas is influencing the groundwater. A gas collection facility is operational at the site.

==========

ADDITIONAL COMMENTS (IF NECESSARY):

ARE EXISTING DRINKING WATER WELLS IMPACTED? N
DOES THE WASTE MANAGEMENT UNIT HAVE AN ENGINEERED CONTAINMENT SYSTEM? N
DESCRIBE SYSTEM:

SOLID WASTE ASSESSMENT TEST (SWAT) REPORT SUMMARY

==========GENERAL DATA==========

RANK: 1

SITE NAME: **PRIMA DESHECHA CANADA LANDFILL**

REGION:9 INITIALS OF REGIONAL BOARD CONTACT:RWM WDS ID NUMBER:9 000000261 SITE CLASSIFICATION:IIIN

DATE REPORT RECEIVED BY REGIONAL BOARD:02/08/90 ACTIVITY:OPEN

DATE REPORT APPROVED BY REGIONAL BOARD:03/19/90 SITE CHARACTER:SANITARY LANDFILL

REPORT STATUS:APPROVED SITE SIZE:GREATER THAN 100 ACRES

==========DATA SUBMITTED==========

	SURFACE WATER	GROUND WATER	UNSATURATED ZONE
NUMBER OF BACKGROUND SAMPLE LOCATIONS:	*	2	2
NUMBER OF DOWN-GRADIENT SAMPLE LOCATIONS:	*	4	4
TOTAL SAMPLE LOCATIONS:	*	6	6
NUMBER OF ROUNDS OF SAMPLING EVENTS:	*	5	2

==========FINDINGS REGARDING WATER CODE SUBSECTIONS 13273(d) & (e)==========

	SURFACE WATER	GROUND WATER	UNSATURATED ZONE
LEAKAGE DETECTED:			
HAZARDOUS WASTE (PER TITLE 22)?	*	N	N
WASTE CONSTITUENTS ABOVE DHS ACTION LEVELS?	*	N	N
WASTE CONSTITUENTS BELOW DHS ACTION LEVELS?	*	N	N

Y = YES; N = NO; A = DATA ABSENT

U = WASTE CONSTITUENTS DETECTED BUT SOURCE OF LEAKAGE UNDETERMINED

* = MONITORING WAIVED BECAUSE IT IS INFEASIBLE OR NOT APPLICABLE

==========FINDINGS REGARDING PUBLIC RESOURCES CODE SECTION 45700==========

EVIDENCE REGARDING EXTENT OF HAZARDOUS WASTE IN SOLID WASTE DISPOSAL SITE:

None.

EVIDENCE OF POTENTIAL EFFECTS THESE WASTES MAY HAVE UPON THE QUALITY OF WATERS OF THE STATE:

None.

ACTIONS NEEDED TO PROTECT THE QUALITY OF WATERS OF THE STATE:

None.

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ADDITIONAL COMMENTS (IF NECESSARY):

No leak was detected to date.

ARE EXISTING DRINKING WATER WELLS IMPACTED? N

DOES THE WASTE MANAGEMENT UNIT HAVE AN ENGINEERED CONTAINMENT SYSTEM? Y

DESCRIBE SYSTEM:Approx. 1000 ft. of natural clay layer exists below the waste.

SOLID WASTE ASSESSMENT TEST (SWAT) REPORT SUMMARY

==========GENERAL DATA==========

SITE NAME:**MISSION AVENUE LANDFILL** RANK: 2

REGION:9 INITIALS OF REGIONAL BOARD CONTACT:CMW WDS ID NUMBER:9 000000342 SITE CLASSIFICATION:II-2

DATE REPORT RECEIVED BY REGIONAL BOARD:01/17/89 ACTIVITY:CLOSED

DATE REPORT APPROVED BY REGIONAL BOARD:02/21/90 SITE CHARACTER:SANITARY LANDFILL

REPORT STATUS:APPROVED SITE SIZE:BETWEEN 10 AND 100 ACRES

==========DATA SUBMITTED==========

	SURFACE WATER	GROUND WATER	UNSATURATED ZONE
NUMBER OF BACKGROUND SAMPLE LOCATIONS:	*	1	*
NUMBER OF DOWN-GRADIENT SAMPLE LOCATIONS:	*	2	*
TOTAL SAMPLE LOCATIONS:	*	3	*
NUMBER OF ROUNDS OF SAMPLING EVENTS:	*	6	*

==========FINDINGS REGARDING WATER CODE SUBSECTIONS 13273(d) & (e)==========

	SURFACE WATER	GROUND WATER	UNSATURATED ZONE
LEAKAGE DETECTED:			
HAZARDOUS WASTE (PER TITLE 22)?	*	N	*
WASTE CONSTITUENTS ABOVE DHS ACTION LEVELS?	*	N	*
WASTE CONSTITUENTS BELOW DHS ACTION LEVELS?	*	N	*

Y = YES; N = NO; A = DATA ABSENT

U = WASTE CONSTITUENTS DETECTED BUT SOURCE OF LEAKAGE UNDETERMINED

* = MONITORING WAIVED BECAUSE IT IS INFEASIBLE OR NOT APPLICABLE

==========FINDINGS REGARDING PUBLIC RESOURCES CODE SECTION 45700==========

EVIDENCE REGARDING EXTENT OF HAZARDOUS WASTE IN SOLID WASTE DISPOSAL SITE:
None.

EVIDENCE OF POTENTIAL EFFECTS THESE WASTES MAY HAVE UPON THE QUALITY OF WATERS OF THE STATE:
None.

ACTIONS NEEDED TO PROTECT THE QUALITY OF WATERS OF THE STATE:
None.

==========

ADDITIONAL COMMENTS (IF NECESSARY):

ARE EXISTING DRINKING WATER WELLS IMPACTED? N
DOES THE WASTE MANAGEMENT UNIT HAVE AN ENGINEERED CONTAINMENT SYSTEM? Y
DESCRIBE SYSTEM:A final cover in accordance with chapter 15 requirements.

APPENDIX IV

REPORT STATUS TABLES
FOR ALL SITES
IN RANKS 1, 2, & 3

TABLE I

SITES WHOSE SWAT REPORTS ARE WAIVED

RANK 1

REGION	SITE NAME	OPERATOR	COUNTY	WAIVER DATE
3	FORT ORD LANDFILL	HEADQUARTERS 7TH INFANTRY	MONTEREY	11/06/86
4	OPERATING INDUSTRIES LANDFILL	OPERATING INDUSTRIES INCORPORATED	LOS ANGELES	12/03/86
5S	US AIR FORCE-MCCLELLAN AFB LANDFILL	UNITED STATES AIR FORCE	SACRAMENTO	04/07/87
6V	OWENS LAKE SULFATE SLURRY IMPOUNDMENT	U.S. TUNGSTEN CORP.	INYO	02/24/88
8	MCCOLL SITE	TOXIC SUBSTANCES CONTROL DIVISION	ORANGE	08/24/88
8	ORANGE COUNTY-COYOTE CANYON LANDFILL	WASTE MANAGEMENT DIVISION	ORANGE	12/02/87
8	STATE OF CALIFORNIA-STRINGFELLOW QUARRY ACID PITS	TOXIC PROGRAM MANAGEMENT SECTION	RIVERSIDE	05/09/86

ANK 2

REGION	SITE NAME	OPERATOR	COUNTY	WAIVER DATE
1	DEL NORTE COUNTY-PESTICIDE STORAGE	DEL NORTE COUNTY	DEL NORTE	12/03/87
5F	T.H. AGRICULTURE AND NUTRITION COMPANY-MCKINLEY AV	NORTH AMERICAN PHILIPS	FRESNO	10/07/87
5R	KOPPERS COMPANY-OROVILLE SITE	KOPPERS COMPANY	BUTTE	05/18/87
8	US AIR FORCE-MARCH AFB LANDFILL	DEPARTMENT OF THE AIR FORCE	RIVERSIDE	08/24/87

RANK 3

REGION	SITE NAME	OPERATOR	COUNTY	WAIVER DATE
2	CHEVRON CHEMICAL COMPANY-OLD SITES	CHEVRON	CONTRA COSTA	08/18/89
3	LOMPOC CITY LANDFILL	CITY OF LOMPOC	SANTA BARBARA	01/25/89
5S	US NAVY COMMUNICATIONS LANDFILL	U.S.NAVY COMUNICATIONS	SAN JOAQUIN	06/20/88
5S	US ARMY-SHARPE ARMY DEPOT	US ARMY	SAN JOAQUIN	05/17/88

TABLE II

SITES NOT SUBJECT TO SWAT

RANK 1

REGION	SITE NAME	OPERATOR	COUNTY
3	TELEDYNE-MCCORMICK - SELPH	TELEDYNE-McCORMICK-SELPH	SAN BENITO
5F	SANTA FE ENERGY RESOURCES-WESTSIDE SWDS	SANTA FE ENERGY CO.	KERN
8	CRESCENT AUTO WRECKING		RIVERSIDE
9	BUILDING 39 RUNOFF CATCHMENT	NAVY	SAN DIEGO
9	CHEMICAL WASTE DISPOSAL AREA	NAVY	SAN DIEGO
9	FUEL FARM SITE	NAVY	SAN DIEGO
9	GOLF COURSE CHEMICAL RINSE AREA	NAVY	SAN DIEGO
9	HERITAGE PARK SITE	NAVY	SAN DIEGO
9	INDUSTRIAL WASTE TREATMENT BEDS	NAVY	SAN DIEGO
9	PROPERTY DISPOSAL AREA	NAVY	SAN DIEGO
9	PUBLIC WORKS SALVAGE YARD	NAVY	SAN DIEGO
9	WEAPONS CENTER BOMBING RANGE	NAVY	SAN DIEGO

RANK 2

REGION	SITE NAME	OPERATOR	COUNTY
5F	CHEMICAL WASTE MANAGEMENT-COALINGA SITE	CHEMICAL WASTE MANAGEMENT	FRESNO
5F	CHEVRON USA-COALINGA SITE	CHEVRON USA, INC.	FRESNO
5F	CHEVRON USA-BUENA VISTA/TAFT	CHEVRON USA, INC.	KERN
5F	CHEVRON USA-KERTO CLASS	CHEVRON USA, INC.	KERN
5F	BEACON OIL COMPANY-KETTLEMAN HILLS	BEACON OIL COMPANY	KINGS
5F	KINGS WASTE DISPOSAL-KETTLEMAN HILLS	KINGS WASTE DISPOSAL	KINGS

RANK 3

REGION	SITE NAME	OPERATOR	COUNTY
4	CASSIDY-TORRANCE (KNOWN AS DE PORTOLLA PARK)	CASSIDY	LOS ANGELES
5S	ROSEVILLE CITY LANDFILL (OLD)	CITY OF ROSEVILLE	PLACER
5S	SIERRA COUNTY LOYALTON NO. 1 LANDFILL	SIERRA COUNTY	SIERRA
8	CONROCK-CLAREMONT/REGION 8	CONROCK COMPANY	SAN BERNARDINO

TABLE III

SITES WHOSE SWAT REPORTS ARE LATE

RANK 1

REGION	SITE NAME	OPERATOR	COUNTY	ANTICIPATED SUBMITTAL DATE
2	US NAVY MARE ISLAND SANITARY LANDFILL	SERVICE CONTRACT BRANCH PWD423	SOLANO	07/01/91
4	ASCON LANDFILL	WATSON ENERGY SYSTEMS	LOS ANGELES	07/01/91
4	US NAVY-PACIFIC MISSILE TEST CENTER DISPOSAL SITE	DEPARTMENT OF THE NAVY	VENTURA	07/01/91
5F	ENVIRONMENTAL PROTECTION CORPORATION-EASTSIDE SWDS	ENVIRONMENTAL PROTECTION CORP.	KERN	04/01/92
5F	US NAVY-LEMOORE NAS LANDFILL	U.S. NAVY	KINGS	04/01/91
5S	GEOTHERMAL INCORPORATED-MIDDLETOWN	W.T. KRITIKOS	LAKE	LITIGATION
5S	SACRAMENTO COUNTY-WHITE ROCK ROAD NORTH LANDFILL	CLC INVESTMENT CORPORATION	SACRAMENTO	LITIGATION
9	OLD SPANISH BIGHT LANDFILL	NAVY	SAN DIEGO	07/01/91

ANK 2

REGION	SITE NAME	OPERATOR	COUNTY	ANTICIPATED SUBMITTAL DATE
2	US NAVY-NAS WEST BEACH SANITARY LANDFILL	NAVAL FACILITIES ENGINEERING CMD.	ALAMEDA	05/01/91
2	CUSTOMER UTILITY	CUSTOMER UTILITY NORTH	SANTA CLARA	03/01/91
2	SANTOS	HOXIE ENTERPRISES	SANTA CLARA	03/01/91
4	PEBBLY BEACH LANDFILL-AVALON	CATALINA DISPOSAL COMPANY	LOS ANGELES	10/01/90
4	SOUTHWEST CONSERVATION INCORPORATED	SOUTHWEST CONSERVATION INC.	LOS ANGELES	10/01/90
4	J.N.J. -S. T. CARNEY LANDFILL	C/O MR. JACK JAMAR	VENTURA	10/01/90
4	J.N.J. DISPOSAL LANDFILL	C/O MR. JACK JAMAR	VENTURA	10/01/90
5S	SOUTHERN PACIFIC RAILROAD-PACIFIC FRUIT EXCHANGE S	SOUTHERN PACIFIC BUILDING	PLACER	07/01/91
5S	WHITE ROCK ROAD SOUTH LANDFILL		SACRAMENTO	10/01/90
5S	ARCADY OIL COMPANY-HOLT		SAN JOAQUIN	07/01/91
9	FORSTER CANYON LANDFILL	ORANGE, COUNTY OF	ORANGE	07/01/91

RANK 3

REGION	SITE NAME	OPERATOR	COUNTY	ANTICIPATED SUBMITTAL DATE
1	EEL RIVER SAWMILL-MOZZETTI WWDS NO. 1	BAIRD ENGINEERING	HUMBOLDT	QUESTIONNAIRE
1	EEL RIVER SAWMILL-MOZZETTI WWDS NO. 2	BAIRD ENGINEERING	HUMBOLDT	QUESTIONNAIRE
1	PACIFIC LUMBER COMPANY-SCOTIA WWDS	THE PACIFIC LUMBER COMPANY	HUMBOLDT	07/01/91
1	WILLITS CITY BURN DUMP (OLD)	CITY OF WILLITS	MENDOCINO	06/01/91
2	PLEASANTON WASTE DISPOSAL SITE	PLEASANTON GARBAGE SERVICE	ALAMEDA	07/01/91
2	US NAVY-HUNTER'S POINT	US NAVY	SAN FRANCISCO	07/01/91
4	EDMISTON DUMP		LOS ANGELES	07/01/91
4	ADAMS INDUSTRIES (CARSON-MARTIN ADAMS DUMP)	ADAMS INDUSTRIES	LOS ANGELES	07/01/91
4	ALAMEDA STREET	ALAMEDA STREET	LOS ANGELES	07/01/91
4	BROADWAY--MAIN	BROADWAY-MAIN	LOS ANGELES	07/01/91
4	CADILLAC/FAIRVIEW SITE	FAIRVIEW CADILLAC	LOS ANGELES	07/01/91
4	HARDWICK DISPOSAL PIT NO. 44	HARDWICK	LOS ANGELES	07/01/91
4	CHURCH DUMP-WILMINGTON	HAYDEN CHURCH	LOS ANGELES	07/01/91
4	L.A. BY-PRODUCTS-COMMERCE	L.A. BY-PRODUCTS COMPANY	LOS ANGELES	07/01/91
4	CAL-COMPACT NO. 2	WORLD INDUSTRIAL CENTER	LOS ANGELES	07/01/91
5F	FRESNO COUNTY-COALINGA LANDFILL	FRESNO COUNTY	FRESNO	10/14/90
5F	ORANGE AVENUE DISPOSAL COMPANY	ORANGE AVE. DISPOSAL, INC.	FRESNO	07/01/91
5F	K & D SALVAGE SOLID WASTE DISPOSAL SITE	K & D SALVAGE	KERN	10/01/90
5S	ANTIOCH DISPOSAL SERVICE LANDFILL (LYNCH)	FREEDOM CHURCH	CONTRA COSTA	UNKNOWN
5S	BERRY STREET MALL-FINGER'S DUMP	WILLIAM FINGER	PLACER	UNKNOWN
5S	FOLSOM PRISON LANDFILL	STATE OF CALIFORNIA	SACRAMENTO	UNKNOWN
5S	SACRAMENTO ARMY DEPOT	US ARMY	SACRAMENTO	02/28/91
5S	SIERRA COUNTY LOYALTON SANITARY LANDFILL	SIERRA COUNTY	SIERRA	12/01/90
5S	YUBA-SUTTER DISPOSAL AREA-MOROGNA	D.E. BARBIERI	YUBA	UNKNOWN
6V	LONE PINE LANDFILL	INYO, COUNTY OF	INYO	07/01/91
7	UNITED STATES MARINE CORPS LANDFILL #3	USMC,LANDFII NO 3	SAN BERNARDINO	10/01/90
8	ASCON LANDFILL-STEVERSON BROTHERS	ASCON PROPERTIES, INC.	ORANGE	07/01/91
9	DUCK POND LANDFILL	BOULEVARD INVESTORS - BROWN MOTORS	SAN DIEGO	03/01/91
9	FIRE FIGHTING TRAINING AREA	ENGINEERING COMMAND	SAN DIEGO	07/01/91
9	OLD REFUSE DISPOSAL AREA	NAVAL AMPHIBIOUS BASE, CORONADO	SAN DIEGO	07/01/91
9	SANDBLAST GRIT DISPOSAL AREA	NAVAL AMPHIBIOUS BASE, CORONADO	SAN DIEGO	07/01/91
9	CAMP ELLIOT LANDFILL	NAVY	SAN DIEGO	07/01/91
9	SAN CLEMENTE CANYON BURN DUMP	NAVY	SAN DIEGO	07/01/91
9	SOUTH MIRAMAR LANDFILL	SAN DIEGO, CITY OF	SAN DIEGO	12/30/90
9	BONSALL LANDFILL	SAN DIEGO, COUNTY OF	SAN DIEGO	07/01/91
9	HILLSBOROUGH LANDFILL	SAN DIEGO, COUNTY OF	SAN DIEGO	07/01/91
9	JAMACHA JUNCTION SANITARY LANDFILL	SAN DIEGO, COUNTY OF	SAN DIEGO	07/01/91
9	SAN MARCOS LANDFILL (OLD)	SAN DIEGO, COUNTY OF	SAN DIEGO	07/01/91

TABLE IV

SITES THAT SUBMITTED AN EXEMPTION QUESTIONNAIRE

REGION	SITE NAME	OPERATOR	COUNTY	EXEMPTION QUESTIONNAIRE STATUS
1	ARCATA REDWOOD COMPANY-SMITH RIVER WWDS NO. 3	SIMPSON TIMBER COMPANY	DEL NORTE	APPROVED
1	EEL RIVER SAWMILL-MOZETTI WWDS NO. 1	BAIRD ENGINEERING	HUMBOLDT	UNDER REVIEW
1	EEL RIVER SAWMILL-MOZETTI WWDS NO. 2	BAIRD ENGINEERING	HUMBOLDT	UNDER REVIEW
1	HUMBOLDT COUNTY-BENBOW LANDFILL	HUMBOLDT COUNTY	HUMBOLDT	APPROVED
3	SAN MARTIN SITE	SOUTH VALLEY REFUSE INC.	SANTA CLARA	APPROVED
4	CALIFORNIA BY-PRODUCTS-CARSON	CALIFORNIA BY-PRODUCTS	LOS ANGELES	DENIED
4	TORRANCE CITY LANDFILL	CITY OF TORRANCE	LOS ANGELES	DENIED
4	L.A. BY-PRODUCTS-SANTA FE SPRINGS SITE	L.A. BY-PRODUCTS COMPANY	LOS ANGELES	DENIED
4	L.A. BY-PRODUCTS-COMMERCE	L.A. BY-PRODUCTS COMPANY	LOS ANGELES	DENIED
4	SOUTHWEST STEEL ROLLING MILLS-CARSON NO. 1	SOUTHWEST STEEL ROLLING MILLS	LOS ANGELES	DENIED

TABLE V

SITES WHOSE SWAT REPORTS ARE APPROVED

RANK 1

REGION	SITE NAME	OPERATOR	COUNTY	REPORT APPROVAL DATE
1	CITY GARBAGE COMPANY OF EUREKA LANDFILL	CITY GARBAGE COMPANY	HUMBOLDT	01/19/88
1	ARCATA LANDFILL	HUMBOLDT COUNTY	HUMBOLDT	08/04/89
1	HUMBOLDT COUNTY-TABLE BLUFF LANDFILL	HUMBOLDT COUNTY	HUMBOLDT	01/13/89
1	LOUISIANA PACIFIC-SAMOA LANDFILL	LOUISIANA PACIFIC CORPORATION	HUMBOLDT	06/19/89
1	UKIAH CITY LANDFILL	CITY OF UKIAH	MENDOCINO	10/19/88
1	MENDOCINO COUNTY-CASPAR LANDFILL	MENDOCINO COUNTY	MENDOCINO	04/18/88
1	TULELAKE-SHEEPY RIDGE LANDFILL	CITY OF TULELAKE	SISKIYOU	11/06/89
1	WEED LANDFILL	CITY OF WEED	SISKIYOU	08/18/89
1	SONOMA COUNTY-CENTRAL LANDFILL	SONOMA COUNTY	SONOMA	07/02/87
1	SONOMA COUNTY-HEALDSBURG LANDFILL	SONOMA COUNTY	SONOMA	07/24/87
2	IT CORPORATION-VINE HILL FACILITY	IT CORPORATION	CONTRA COSTA	08/25/88
2	RICHMOND SANITARY SERVICE-WEST CONTRA COSTA LANDFI	RICHMOND SANITARY SERVICE	CONTRA COSTA	06/15/88
2	STAUFFER CHEMICAL-MARTINEZ	STAUFFER CHEMICAL COMPANY	CONTRA COSTA	09/30/88
2	PALO ALTO CITY LANDFILL	CITY OF PALO ALTO	SANTA CLARA	12/08/89
2	GUADALUPE RUBBISH DISPOSAL	GUADALUPE RUBBISH DISPOSAL COMPANY	SANTA CLARA	08/02/90
2	BFI-NEWBY ISLAND LANDFILL	INTERNATIONAL DISPOSAL CORP OF CA	SANTA CLARA	12/15/87
2	JONES-HAMILTON	JONES-HAMILTON	SANTA CLARA	02/19/88
2	MOUNTAIN VIEW CITY DPW-SHORELINE PARK LANDFILL	LAIDLAW WASTE SYSTEMS	SANTA CLARA	02/02/90
2	STIERLIN ROAD DISPOSAL COMPANY	STIERLIN ROAD DISPOSAL COMPANY	SANTA CLARA	02/02/90
2	IT CORPORATION-PANOCHE	IT CORPORATION	SOLANO	09/30/88
3	MARINA LANDFILL	MARINA CLASS III LANDFILL	MONTEREY	06/02/88
3	JOHN SMITH LANDFILL	SAN BENITO COUNTY	SAN BENITO	01/11/88
3	CASMALIA RESOURCES DISPOSAL SITE	CASMALIA RESOURCES	SANTA BARBARA	02/12/88
3	SANTA CRUZ CITY LANDFILL	PUBLIC WORKS DEPARTMENT	SANTA CRUZ	04/18/88
4	AZUSA LANDFILL	AZUSA LAND RECLAMATION CO. INC	LOS ANGELES	08/24/88
4	BKK LANDFILL-WEST COVINA	BKK CORPORATION	LOS ANGELES	10/26/88
4	SHELDON ARLETA LANDFILL	CITY OF LOS ANGELES	LOS ANGELES	02/09/90
4	SCHOLL CANYON LANDFILL	COUNTY SAN DISTICTS OF LA COUNTY	LOS ANGELES	08/17/90
4	MISSION CANYON LANDFILL NO. 8	COUNTY SAN DISTRICTS OF LA COUNTY	LOS ANGELES	05/10/90
4	PALOS VERDES LANDFILL	COUNTY SAN DISTRICTS OF LA COUNTY	LOS ANGELES	06/11/90
4	PUENTE HILLS LANDFILL	COUNTY SAN DISTRICTS OF LA COUNTY	LOS ANGELES	06/11/90
4	SPADRA LANDFILL	COUNTY SAN DISTRICTS OF LA COUNTY	LOS ANGELES	02/09/90
4	COASTAL LANDFILL-OXNARD CITY	TY OF OXNARD	VENTURA	07/11/88
4	VENTURA RSD-BAILARD LANDFILL	VENTURA REGIONAL SANITATION DIST	VENTURA	02/18/88
4	VENTURA RSD-COASTAL LANDFILL	VENTURA REGIONAL SANITATION DIST	VENTURA	06/28/88
5F	CHESTNUT AVE. LANDFILL	BFI	FRESNO	06/15/90
5F	FRESNO CITY LANDFILL	FRESNO CITY PUBLIC WKS DEPT	FRESNO	03/01/88
5F	FRESNO COUNTY-MENDOTA-FIREBAUGH LANDFILL	FRESNO CO DEPT OF PUB WKS*	FRESNO	09/08/89
5F	FRESNO COUNTY-SOUTHEAST REGIONAL LANDFILL	FRESNO CO PUBLIC WKS DEPT	FRESNO	09/06/89
5F	FRESNO COUNTY-BIG BLUE HILLS LANDFILL	FRESNO COUNTY	FRESNO	04/05/89
5F	KERN COUNTY-MCFARLAND-DELANO LANDFILL	KERN COUNTY DEPT. OF PUBLIC WORKS	KERN	01/15/88
5F	LIQUID WASTE MANAGEMENT-MCKITTRICK SITE	LIQUID WASTE MANAGEMENT	KERN	08/09/90
5F	KINGS COUNTY-HANFORD CITY LANDFILL (OLD)	COUNTY OF KINGS	KINGS	11/30/87
5F	MADERA COUNTY-FAIRMEAD LANDFILL	MADERA DISPOSAL SYSTEMS	MADERA	08/30/89
5F	TULARE COUNTY-WOODLAKE LANDFILL	TULARE CO REFUSE DISP. DEPT.*	TULARE	05/03/88
5F	TULARE COUNTY-VISALIA LANDFILL	TULARE CO REFUSE DISP. DIV.*	TULARE	04/29/88
5R	REDDING CITY LANDFILL	CITY PUBLIC WORKS DEPARTMENT	SHASTA	08/27/87
5R	PACKWAY MATERIALS LANDFILL	PACKWAY MATERIALS INC.	SHASTA	07/21/88
5R	TEHAMA COUNTY-RED BLUFF LANDFILL	SUBURBAN TRANSFER AND LANDFILL	TEHAMA	11/02/87
5S	OAKLAND SCAVENGER-ALTAMONT PASS LANDFILL	OAKLAND SCAVENGER CO	ALAMEDA	02/29/88
5S	AMADOR COUNTY-BUENA VISTA LANDFILL	AMADOR CO. PUBLIC WORKS DEPT	AMADOR	06/08/87
5S	GBF LANDFILL-CONTRA COSTA WASTE SERVICE	SAME	CONTRA COSTA	01/25/88
5S	EL DORADO LANDFILL INCORPORATED-UNION MINE LANDFIL	EL DORADO LANDFILL, INC	EL DORADO	11/06/87
5S	LAKE COUNTY-EASTLAKE LANDFILL	COUNTY OF LAKE PUBLIC WORKS DE	LAKE	02/27/89
5S	AEROJET LIQUID ROCKET COMPANY	AEROJET LIQUID ROCKET COMPANY	SACRAMENTO	10/18/87
5S	SACRAMENTO CITY LANDFILL	CITY OF SACTO ST. MAINTENANCE	SACRAMENTO	09/22/87
5S	FORWARD INCORPORATED LANDFILL	FORWARD INC./GREG BASSO	SAN JOAQUIN	09/20/89
5S	IT CORPORATION-MONTEZUMA HILLS FACILITY	IT CORPORATION	SOLANO	09/23/88
5S	BONZI SANITARY LANDFILL	RUDY BONZI	STANISLAUS	01/26/88
5S	STANISLAUS COUNTY-GEER ROAD LANDFILL	STANISLAUS CO. PUBLIC WKS DPT	STANISLAUS	09/14/87
5S	YOLO COUNTY-CENTRAL LANDFILL	YOLO CO DEPT OF PUBLIC WORKS	YOLO	09/23/88
6T	MONO COUNTY-PUMICE VALLEY LANDFILL	COUNTY OF MONO	MONO	03/12/90
6T	MONO COUNTY-WALKER LANDFILL	MONO COUNTY	MONO	03/13/90
6T	MO IO COUNTY-BENTON CROSSING LANDFILL	MONO COUNTY	MONO	03/09/90
6V	APPLE VALLEY LANDFILL	SAN BERNARDINO, COUNTY OF	SAN BERNARDINO	08/14/89
6V	BARSTOW LANDFILL	SAN BERNARDINO, COUNTY OF	SAN BERNARDINO	11/06/89
6V	HEAPS PEAK LANDFILL	SAN BERNARDINO, COUNTY OF	SAN BERNARDINO	11/06/89
6V	LENWOOD/HINKLEY LANDFILL	SAN BERNARDINO, COUNTY OF	SAN BERNARDINO	11/06/89
6V	PHELAN LANDFILL	SAN BERNARDINO, COUNTY OF	SAN BERNARDINO	11/30/89
7	IT CORP.-IMPERIAL VALLEY FACILITY-MORTON SALT	GSX SERVICES(IMPERIAL VALLEY) INC.	IMPERIAL	01/27/88
7	RIVERSIDE COUNTY-BLYTHE LANDFILL	COUNTY OF RIVERSIDE	RIVERSIDE	04/02/90
7	SAN BERNARDINO COUNTY-BIG BEAR LANDFILL	COUNTY OF SAN BERNARDINO	SAN BERNARDINO	08/22/88
7	USMC-TWENTYNINE PALMS SITE	NATURAL RESOURCES BRANCH	SAN BERNARDINO	07/14/89
8	CAL. NATIONAL GUARD-US ARMED FORCES RESERVE CENTER	CALIFORNIA ARMY NATIONAL GUARD	ORANGE	08/03/90
8	CHEVRON USA-HUNTINGTON BEACH LEASE "A" SITE	CHEVRON U.S.A., WESTERN REGION	ORANGE	04/20/88
8	RIVERSIDE CITY-TEQUESQUITE LANDFILL	CITY OF RIVERSIDE	RIVERSIDE	10/26/88
8	SAN BERNARDINO COUNTY-MILLIKEN LANDFILL	COUNTY OF SAN BERNARDINO	SAN BERNARDINO	10/25/89
8	SAN BERNARDINO COUNTY-COLTON LANDFILL	COUNTY OF SAN BERNARDINO	SAN BERNARDINO	09/05/89
8	SAN BERNARDINO COUNTY-VERDEMONT LANDFILL	COUNTY OF SAN BERNARDINO	SAN BERNARDINO	08/29/89
8	SAN BERNARDINO COUNTY-FONTANA LANDFILL	COUNTY OF SAN BERNARDINO	SAN BERNARDINO	11/30/89
9	PRIMA DESHECHA CANADA LANDFILL	ORANGE, COUNTY OF	ORANGE	03/19/90
9	LAS PULGAS SANITARY LANDFILL	MARINE CORPS	SAN DIEGO	08/04/89
9	GOLF COURSE GARBAGE DISPOSAL AREA	NAVY	SAN DIEGO	07/31/89
9	OMAR RENDERING CLASS I DISPOSAL SITE	OMAR RENDERING COMPANY	SAN DIEGO	09/22/89
9	SOUTH CHOLLAS LANDFILL	SAN DIEGO, CITY OF	SAN DIEGO	07/19/88
9	SAN MARCOS SANITARY LANDFILL	SAN DIEGO, COUNTY OF	SAN DIEGO	08/15/89

RANK 2

REGION	SITE NAME	OPERATOR	COUNTY	REPORT APPROVAL DATE
1	SIMPSON TIMBER COMPANY-KLAMATH WOODWASTE DISPOSAL	SIMPSON TIMBER CO	DEL NORTE	06/14/89
1	SIMPSON TIMBER COMPANY-KORBEL WOODWASTE DISPOSAL	SIMPSON TIMBER COMPANY	HUMBOLDT	06/15/89
1	WILLITS CITY LANDFILL	CITY OF WILLITS	MENDOCINO	05/03/90
1	YREKA CITY LANDFILL	CITY OF YREKA	SISKIYOU	09/06/89
2	BFI-VASCO RD./EASTERN ALAMEDA COUNTY LANDFILL	DePAOLI EQUIPMENT CO INC	ALAMEDA	08/14/89
2	OAKLAND SCAVENGER-DAVIS STREET LANDFILL	OAKLAND SCAVENGER COMPANY	ALAMEDA	08/14/89
2	TIMBER COVE/WESTERN GRAVEL LANDFILL		SANTA CLARA	05/30/90
3	SAN ARDO NO. 2	MONTEREY COUNTY	MONTEREY	09/29/89
3	CRAZY HORSE LANDFILL	SALINAS DISPOSAL SERVICE, INC.	MONTEREY	11/30/88
3	BUENA VISTA LANDFILL	COUNTY OF SANTA CRUZ	SANTA CRUZ	09/14/90
3	OZENA MODIFIED LANDFILL	VENTURA REG. SAN. DIST.	VENTURA	09/18/89
4	BURBANK CITY-STOUGH PARK LANDFILL	CITY OF BURBANK	LOS ANGELES	04/16/90
4	L.A. BY-PRODUCTS-CONROCK--PENROSE PIT NO. 8	CONROCK COMPANY	LOS ANGELES	09/22/89
4	L.A. BY-PRODUCTS-PENROSE PIT LANDFILL NO. 7	LOS ANGELES BY-PRODUCTS CO	LOS ANGELES	09/22/89
4	NU-WAY INDUSTRIES LANDFILL	NU-WAY INDUSTRIES	LOS ANGELES	02/09/90
4	VALLEY RECLAMATION COMPANY-BENTZ LANDFILL	VALLEY RECLAMATION COMPANY	LOS ANGELES	02/09/90
4	VALLEY RECLAMATION COMPANY-GREGG PIT	VALLEY RECLAMATION COMPANY	LOS ANGELES	02/09/90
4	VENTURA COUNTY RSD-EL RIO LANDFILL	VENTURA COUNTY RSD	VENTURA	07/11/88
5F	BFI-CHATEAU LANDFILL	BROWNING-FERRIS INDUSTRIES	FRESNO	11/23/88
5F	CLOVIS CITY LANDFILL	CITY OF CLOVIS	FRESNO	10/06/89
5F	KERN COUNTY-SHAFTER-WASCO LANDFILL	KERN COUNTY DEPT. OF PUBLIC WORKS	KERN	07/11/90
5F	KINGS COUNTY-CORCORAN LANDFILL	COUNTY OF KINGS	KINGS	05/30/90
5F	TELEDYNE TUNGSTON-STRAWBERRY MINE	TELEDYNE TUNGSTON-JIM REIHL	MADERA	03/14/90
5R	LOUISIANA PACIFIC-OROVILLE SITE	LOUISIANA-PACIFIC CORPORATION	BUTTE	09/12/90
5R	PLUMAS COUNTY-GOPHER HILL LANDFILL	PLUMAS COUNTY	PLUMAS	03/02/90
5S	GEORGIA PACIFIC CORPORATION-MARTELL SITE	BENDIX FOREST PRODUCTS INC.	AMADOR	08/11/88
5S	AQUA CLEAR FARMS	NOEL HATCH	AMADOR	03/01/89
5S	COLUSA COUNTY-EVANS ROAD LANDFILL	COUNTY OF COLUSA	COLUSA	10/05/88
5S	GBF LANDFILL-PITTSBURG DISPOSAL AND DEBRIS SERVICE	GBF	CONTRA COSTA	07/25/88
5S	IT CORPORATION-BENSON RIDGE FACILITY	IT CORPORATION	LAKE	09/09/88
5S	NEVADA COUNTY-MCCOURTNEY ROAD LANDFILL	COUNTY OF NEVADA	NEVADA	05/15/90
5S	WESTERN REGIONAL SANITARY LANDFILL	WESTERN PLACER RECOVERY CO.	PLACER	10/08/88
5S	COVE CONTRACTORS	COVE CONTRACTORS INC.	SAN JOAQUIN	09/25/89
5S	TRACY CITY LANDFILL-CORRAL HOLLOW ROAD	DEPT. OF PUBLIC WORKS	SAN JOAQUIN	07/27/88
5S	LAWRENCE LIVERMORE LAB SITE 300 PIT 6	LAWRENCE LIVERMORE LABS	SAN JOAQUIN	02/21/89
5S	B & J DROP BOX DISPOSAL SITE-VACAVILLE		SOLANO	05/30/89
5S	UNIVERSITY OF CALIFORNIA LANDFILL-DAVIS	UNIVERSITY OF CALIF., DAVIS	YOLO	11/15/88
6V	ANTELOPE VALLEY/PALMDALE LANDFILL	PALMDALE DISPOSAL CO., INC.	LOS ANGELES	05/02/88
7	U.S. GYPSUM COMPANY	US GYPSUM COMPANY	IMPERIAL	10/07/88
7	SAN BERNARDINO COUNTY-LANDERS LANDFILL	COUNTY OF SAN BERNARDINO	SAN BERNARDINO	01/25/90
8	SAN BERNARDINO COUNTY-YUCAIPA LANDFILL	COUNTY OF SAN BERNARDINO	SAN BERNARDINO	08/29/89
9	MISSION AVENUE LANDFILL	OCEANSIDE, CITY OF	SAN DIEGO	02/21/90

RANK 3

REGION	SITE NAME	OPERATOR	COUNTY	REPORT APPROVAL DATE
1	MAKI, ALLEN WWDS	ALLAN MAKI	HUMBOLDT	04/10/90
2	SAN MATEO COUNTY SCAVENGER-OX MOUNTAIN LANDFILL	SAN MATEO COUNTY DISTRICTBROWNING-F	SAN MATEO	05/10/90
3	LOS OSOS LANDFILL	SAN LUIS OBISPO COUNTY	SAN LUIS OBISPO	03/15/89
3	VANDENBERG LANDFILL	U.S. AIR FORCE	SANTA BARBARA	12/15/89
3	PACHECO PASS LANDFILL	SOUTH VALLEY REFUSE INC.	SANTA CLARA	10/10/89
3	BEN LOMOND LANDFILL	COUNTY OF SANTA CRUZ	SANTA CRUZ	03/15/90
4	L.A. BY-PRODUCTS-NEWBERRY	L.A. BY-PRODUCTS COMPANY	LOS ANGELES	09/22/89
5F	ARMSTRONG RUBBER COMPANY	ARMSTRONG RUBBER COMPANY	KINGS	11/07/88
5F	TULARE COUNTY-EXETER DISPOSAL SITE	TULARE COUNTY	TULARE	01/27/88
5R	PORTOLA CITY LANDFILL	CITY OF PORTOLA	PLUMAS	06/30/90
5S	ANTIOCH CITY LANDFILL(OLD)	CITY OF ANTIOCH	CONTRA COSTA	11/27/89
5S	MERCED COUNTY-BILLY WRIGHT LANDFILL	MERCED CO DEPT OF PUBLIC WORKS	MERCED	12/07/89
5S	MERCED COUNTY-HIGHWAY 59 LANDFILL	MERCED CO DEPT OF PUBLIC WORKS	MERCED	12/07/89
5S	PLACER COUNTY-LOOMIS LANDFILL	AUBURN PLACER DISPOSAL	PLACER	07/31/89
5S	ROSEVILLE CITY SANITARY LANDFILL	CITY OF ROSEVILLE DEPT PUBLIC	PLACER	11/08/89
5S	L & D LANDFILL COMPANY	NORMAN LIEN	SACRAMENTO	07/17/90
5S	STOCKTON CITY LANDFILL-AUSTIN ROAD	JOHN & PHIL GIAMBASTIANI	SAN JOAQUIN	08/08/89
5S	RIO VISTA SANITATION SERVICE	RIO VISTA SANITATION SERVICE	SOLANO	08/20/90
6V	LANCASTER LANDFILL	WASTE MANAGEMENT INC.	LOS ANGELES	11/03/89
7	RIVERSIDE COUNTY-COACHELLA VALLEY LANDFILL	RIVERSIDE COUNTY	RIVERSIDE	08/02/90

TABLE VI

SITES WHOSE SWAT REPORTS ARE CURRENTLY RETURNED

RANK 1

REGION	SITE NAME	OPERATOR	COUNTY	ANTICIPATED SUBMITTAL DATE
1	CRESCENT CITY LANDFILL	COUNTY OF DEL NORTE	DEL NORTE	03/01/91
1	TRINITY COUNTY-WEAVERVILLE LANDFILL	COUNTY OF TRINITY	TRINITY	03/01/91
2	SAN JOSE CITY PARKS SERVICES-SINGLETON ROAD LANDFI	CITY OF SAN JOSE	SANTA CLARA	05/15/91
2	SUNNYVALE CITY LANDFILL	SPECIALTY GARBAGE AND REFUSE I	SANTA CLARA	08/01/91
4	CONROCK-BRADLEY AVENUE WEST LANDFILL	VALLEY RECLAMATION COMPANY	LOS ANGELES	07/01/91
5F	CHEMICAL WASTE MANAGEMENT-KETTLEMAN HILLS LANDFILL	CHEMICAL WASTE MANAGEMENT, INC.	KINGS	06/01/91
5F	TULARE COUNTY-BALANCE ROCK LANDFILL	TULARE CO REFUSE DISP. DEPT. *	TULARE	04/01/91
5S	AUBURN-PLACER DISPOSAL LANDFILL	AUBURN-PLACER DISPOSAL SERVICE	PLACER	01/01/91
6T	LASSEN COUNTY LANDFILL	LASSEN COUNTY	LASSEN	01/01/91
6T	PLACER COUNTY EASTERN REGIONAL LANDFILL	PLACER COUNTY	PLACER	01/01/91
6V	VICTORVILLE LANDFILL	SAN BERNARDINO, COUNTY OF	SAN BERNARDINO	01/01/91
8	ORANGE COUNTY-SANTIAGO CANYON LANDFILL	COUNTY OF ORANGE	ORANGE	07/01/91
8	RIVERSIDE COUNTY-DOUBLE BUTTE LANDFILL	COUNTY OF RIVERSIDE	RIVERSIDE	01/01/91
8	RIVERSIDE COUNTY-HIGHGROVE LANDFILL	COUNTY OF RIVERSIDE	RIVERSIDE	01/01/91
8	RIVERSIDE COUNTY-WEST RIVERSIDE LANDFILL	COUNTY OF RIVERSIDE	RIVERSIDE	01/01/91
8	RIVERSIDE COUNTY-CORONA LANDFILL	RIVERSIDE COUNTY	RIVERSIDE	01/01/91
9	BOX CANYON SANITARY LANDFILL	MARINE CORPS	SAN DIEGO	02/01/91
9	SAN ONOFRE SANITARY LANDFILL	MARINE CORPS	SAN DIEGO	12/31/99
9	WEST MIRAMAR SOLID WASTE DISPOSAL FACILITY	SAN DIEGO, CITY OF	SAN DIEGO	07/01/91
9	OTAY ANNEX SANITARY LANDFILL	SAN DIEGO, COUNTY OF	SAN DIEGO	07/01/91
9	OTAY VALLEY CLASS I DISPOSAL SITE	SAN DIEGO, COUNTY OF	SAN DIEGO	07/01/91

RANK 2

REGION	SITE NAME	OPERATOR	COUNTY	ANTICIPATED SUBMITTAL DATE
1	LOUISIANA PACIFIC-YORK RANCH WOODWASTE DISPOSAL SI	LOUISIANA-PACIFIC CORPORATION	MENDOCINO	12/01/90
1	MENDOCINO COUNTY-LAYTONVILLE LANDFILL	MENDOCINO CO DEPT PUBLIC WORKS	MENDOCINO	04/01/91
1	MENDOCINO COUNTY-SOUTH COAST LANDFILL	MENDOCINO COUNTY PUBLIC WORKS	MENDOCINO	04/01/91
1	SONOMA COUNTY-ANNAPOLIS LANDFILL	SONOMA CO DEPT OF PUBLIC WORKS	SONOMA	05/01/91
2	SANTA CLARA COUNTY-EASTSIDE LANDFILL	COUNTY OF SANTA CLARA	SANTA CLARA	03/01/91
2	HWY 237 /MARSHLAND LANDFILL	MARSHLAND DEVELOPMENT COMPANY	SANTA CLARA	05/01/91
3	RANCHO LOS LOBOS	RANCHO LOS LOBOS, INC.	MONTEREY	01/30/91
4	LOPEZ CANYON LANDFILL	CITY OF LOS ANGELES	LOS ANGELES	07/01/91
4	MCA DEVELOPMENT COMPANY-UNIVERSAL CITY	MCA DEVELOPMENT CO	LOS ANGELES	07/01/91
4	VALLEY RECLAMATION COMPANY-BRADLEY AVENUE EAST	VALLEY RECLAMATION COMPANY	LOS ANGELES	07/01/91
4	VALLEY RECLAMATION COMPANY-SUN VALLEY NO. 3	VALLEY RECLAMATION COMPANY	LOS ANGELES	07/01/91
5S	CALAVERAS COUNTY-RED HILL LANDFILL	GIAMBASTIANI & SON	CALAVERAS	12/01/90
5S	US AIR FORCE-MATHER FIELD LANDFILL	US AIR FORCE	SACRAMENTO	02/28/92
5S	US AIR FORCE-BEALE AFB LANDFILLS	US AIR FORCE	YUBA	11/01/90
6T	US ARMY-SIERRA ARMY DEPOT LANDFILL	DEPT OF THE ARMY, JIM RYAN	LASSEN	01/01/91
7	RIVERSIDE COUNTY-MECCA I LANDFILL (OLD)	RIVERSIDE COUNTY	RIVERSIDE	04/01/91
7	SAN BERNARDINO COUNTY-TWENTYNINE PALMS LANDFILL	COUNTY OF SAN BERNARDINO	SAN BERNARDINO	12/01/90
9	MAXSON STREET LANDFILL	OCEANSIDE, CITY OF	SAN DIEGO	07/01/91
9	NORTH MIRAMAR SANITARY LANDFILL	SAN DIEGO, CITY OF	SAN DIEGO	07/01/91
9	ENCINITAS LANDFILL	SAN DIEGO, COUNTY OF	SAN DIEGO	07/01/91

RANK 3

REGION	SITE NAME	OPERATOR	COUNTY	ANTICIPATED SUBMITTAL DATE
1	HARWOOD PRODUCTS-BRANSCOMB WWDS	HARWOOD PRODUCTS	MENDOCINO	03/01/91
5S	SOUTH COMANCHE SHORE ASSOCIATION	SOUTH CAMANCHE SHORE INC.	CALAVERAS	12/01/90
5S	SACRAMENTO COUNTY-GRANT LINE ROAD LANDFILL (KIEFER	SACRAMENTO COUNTY.	SACRAMENTO	07/01/91
7	IMPERIAL COUNTY-CALEXICO LANDFILL	COUNTY OF IMPERIAL	IMPERIAL	12/01/90
7	PALM SPRINGS CITY LANDFILL	CITY OF PALM SPRINGS	RIVERSIDE	11/15/90
7	SAN BERNARDINO COUNTY-NEEDLES LANDFILL	CITY OF NEEDLES	SAN BERNARDINO	11/01/90

TABLE VII

SITES WHOSE SWAT REPORTS ARE UNDER REVIEW OR PENDING REVIEW

RANK 1

REGION	SITE NAME	OPERATOR	COUNTY	TARGET REVIEW DATE
2	ACME FILL CORPORATION	ACME FILL CORPORATION	CONTRA COSTA	10/01/90
2	SHELL OIL COMPANY-MARTINEZ	SHELL OIL COMPANY	CONTRA COSTA	02/01/91
2	U.S. STEEL CORPORATION-PITTSBURG DISPOSAL SITE	U.S. STEEL CORPORATION	CONTRA COSTA	05/01/91
4	INDUSTRY HILLS LANDFILL	CITY OF INDUSTRY	LOS ANGELES	06/30/91
4	CALABASAS LANDFILL	COUNTY SAN DISTRICTS OF LA COUNTY	LOS ANGELES	06/29/91
4	CHIQUITA CANYON LANDFILL	LAIDLAW WASTE SYSTEMS CHIQUITA, INC	LOS ANGELES	10/31/90
4	NORWALK DUMP COMPANY-NORWALK DUMP	NORWALK DUMP COMPANY	LOS ANGELES	05/29/91
4	OWL PARK LANDFILL	OWL PARK CORPORATION	LOS ANGELES	05/29/91
4	SIMI VALLEY LANDFILL	SIMI VALLEY LANDFILL	VENTURA	06/29/90
5F	CHEMICAL WASTE MANAGEMENT-BAKERSFIELD LANDFILL	CHEMICAL WASTE MANAGEMENT, INC.	KERN	07/01/91
5F	LAIDLAW ENVIRONMENTAL SERVICES	GSX	KERN	07/01/90
5R	BUTTE COUNTY-NEAL ROAD LANDFILL	NEAL ROAD LANDFILL COMPANY	BUTTE	06/30/90
6V	BISHOP LANDFILL	INYO, COUNTY OF	INYO	01/01/91
6V	U.S. BORAX GANGUE/REFUSE/OVERBURDEN WASTE PILES	U.S. BORAX AND CHEMICAL CORP.	KERN	01/01/91
8	REDLANDS CITY-CALIFORNIA STREET LANDFILL	CITY OF REDLANDS	SAN BERNARDINO	10/01/90
8	UPLAND CITY LANDFILL	CITY OF UPLAND	SAN BERNARDINO	09/01/90

RANK 2

REGION	SITE NAME	OPERATOR	COUNTY	TARGET REVIEW DATE
1	GEORGIA PACIFIC-FORT BRAGG WOODWASTE DISPOSAL SITE	GEORGIA PACIFIC	MENDOCINO	10/01/90
1	LOUISIANA PACIFIC-CLOVERDALE WOODWASTE DISPOSAL SI	LOUISIANA PACIFIC CORP	SONOMA	12/31/90
2	SAN JOSE CITY-STORY ROAD LANDFILL	CITY OF SAN JOSE	SANTA CLARA	/ /
2	SANTA CLARA ALL PURPOSE LANDFILL	CITY OF SANTA CLARA, CITY HALL	SANTA CLARA	/ /
2	US NAVY-MOFFETT FIELD NAS SANITARY LANDFILL	PUBLIC WORKS DEPT.	SANTA CLARA	/ /
2	ZANKER ROAD DISPOSAL & RECYCLING	ZANKER ROAD LANDFILL	SANTA CLARA	/ /
2	SOUTHAMPTON	SOUTHAMPTON COMPANY	SOLANO	/ /
3	HUNTER LIGGETT LANDFILL	HEADQUARTERS 7TH INFANTRY	MONTEREY	03/15/91
3	LEWIS ROAD LANDFILL	RURAL DISPOS-ALL SERVICE	MONTEREY	12/15/91
3	SANTA MARIA LANDFILL	CITY OF SANTA MARIA	SANTA BARBARA	06/30/91
3	FOXEN CANYON LANDFILL	SANTA BARBARA COUNTY	SANTA BARBARA	10/01/91
3	SANTA BARBARA TRANSFER STATION	SANTA BARBARA COUNTY	SANTA BARBARA	12/15/91
4	AMERON LANDFILL	AMERON PIPE DIVISION	LOS ANGELES	/ /
4	SUNSHINE CANYON LANDFILL	BROWNING FERRIS INDUSTRIES	LOS ANGELES	11/15/90
4	COMPTON CITY LANDFILL-ALONDRA DUMP	CITY OF COMPTON	LOS ANGELES	11/15/90
4	DUARTE CITY-FISH CANYON LANDFILL	CITY OF DUARTE	LOS ANGELES	/ /
4	BRAND PARK LANDFILL	CITY OF GLENDALE	LOS ANGELES	04/29/91
4	BRANFORD STREET LANDFILL	CITY OF LOS ANGELES	LOS ANGELES	/ /
4	GAFFEY STREET LANDFILL	CITY OF LOS ANGELES	LOS ANGELES	/ /
4	TOYON CANYON LANDFILL	CITY OF LOS ANGELES	LOS ANGELES	/ /
4	SAN MARINO CITY LANDFILL	CITY OF SAN MARINO	LOS ANGELES	/ /
4	SAVAGE CANYON	CITY OF WHITTIER	LOS ANGELES	06/29/90
4	CALTRANS-WILLCO LANDFILL	DEPARTMENT OF TRANSPORTATION	LOS ANGELES	06/29/90
4	LOS ANGELES CO SHERIFF-WAYSIDE HONOR RANCHO LANDFI	L.A. COUNTY DEPT. OF PUBLIC WORKS	LOS ANGELES	09/01/90
4	GARDENA VALLEY NO. 1 & NO. 2	LONDON PACIFIC INVESTMENT INC.	LOS ANGELES	/ /
4	VALLEY RECLAMATION COMPANY-HEWITT PIT NO. 6	LOS ANGELES BY-PRODUCTS CO.	LOS ANGELES	/ /
4	SCHOLL CANYON-INACTIVE LANDFILL	LOS ANGELES COUNTY	LOS ANGELES	/ /
4	LOS ANGELES COUNTY SD-MISSION CANYON LANDFILL NO.	LOS ANGELES COUNTY SANITATION DIST.	LOS ANGELES	03/29/91
4	LOS ANGELES COUNTY SD-MISSION CANYON LANDFILL NO.	LOS ANGELES COUNTY SANITATION DIST.	LOS ANGELES	03/29/91
4	TUXFORD PIT LANDFILL	SAM ADLEN	LOS ANGELES	01/29/91
4	SANTA PAULA CITY LANDFILL	CITY OF SANTA PAULA	VENTURA	/ /
4	ELKINS RANCH BRINE SUMP NO. 1	ELKINS RANCH COMPANY	VENTURA	02/28/91
4	ELKINS RANCH BRINE SUMP NOS. 2, 3, 4, & 5	ELKINS RANCH COMPANY	VENTURA	02/28/91
4	ELKINS RANCH BRINE SUMP NOS. 6A, 6B, 6C, & 7	ELKINS RANCH COMPANY	VENTURA	02/28/91
4	ELKINS RANCH MAIN BRINE SUMP	ELKINS RANCH COMPANY	VENTURA	02/28/91
4	GETTY OIL-SITE C	TEXACO OIL CO.	VENTURA	12/29/90
4	TOLAND ROAD LANDFILL	VENTURA COUNTY RSD	VENTURA	/ /
4	VENTURA COUNTY RSD-PIRU LANDFILL	VENTURA COUNTY RSD	VENTURA	/ /
5F	WILLIAM BROTHERS-ELK HILLS NORTH SITE	BECHTEL PETROLEUM OPERATIONS	KERN	07/01/91
5F	KERN COUNTY-BUTTONWILLOW LANDFILL	KERN COUNTY DEPT. OF PUBLIC WORKS	KERN	07/01/90
5F	KERN COUNTY-CHINA GRADE	KERN COUNTY DEPT. OF PUBLIC WORKS	KERN	07/01/90
5F	KERN COUNTY-KERN RIVER VALLEY LANDFILL	KERN COUNTY DEPT. OF PUBLIC WORKS	KERN	07/01/90
5R	SHASTA COUNTY-BUCKEYE LANDFILL	SHASTA COUNTY	SHASTA	06/30/90
5R	SIMPSON PAPER COMPANY-ANDERSON LANDFILL	SIMPSON PAPER COMPANY	SHASTA	06/30/90
5S	US AIR FORCE-CASTLE AFB LANDFILL	US AIR FORCE	MERCED	12/31/90
6V	EDWARDS MAIN BASE LANDFILL	U.S.- AIR FORCE, DEPT. OF THE	KERN	01/01/92
6V	EDWARDS ROCKET PROPULSION LAB LANDFILL	U.S.- AIR FORCE, DEPT. OF THE	KERN	01/01/92
6V	GEORGE NORTHEAST DISPOSAL AREA, WASTE ACID & PET.	U.S.- AIR FORCE, DEPT. OF	SAN BERNARDINO	01/01/91
6V	GEORGE NORTHEAST DISPOSAL AREA, WASTE PESTICIDE SI	U.S.- AIR FORCE, DEPT. OF	SAN BERNARDINO	01/01/91
6V	GEORGE SOUTHEAST DISPOSAL AREA (SITES L-1,2,3)	U.S.- AIR FORCE, DEPT. OF	SAN BERNARDINO	01/01/93
6V	GEORGE NORTHEAST DISPOSAL AREA (SITE L-12)	U.S.- AIR FORCE, DEPT. OF THE	SAN BERNARDINO	01/01/91
6V	GEORGE NORTHEAST DISPOSAL AREA (SITE L-13)	U.S.- AIR FORCE, DEPT. OF THE	SAN BERNARDINO	01/01/91
6V	GEORGE SOUTHEAST DISPOSAL AREA (SITE M-2)	U.S.- AIR FORCE, DEPT. OF THE	SAN BERNARDINO	01/01/93
6V	NWC C-1 EAST LANDFILL (SITE 29)	U.S.- NAVY, DEPT. OF THE	SAN BERNARDINO	01/01/93
6V	NWC PILOT PLANT ROAD LANDFILL (SITE 22)	U.S.- NAVY, DEPT. OF THE	SAN BERNARDINO	01/01/93
8	ORANGE COUNTY-CANAL STREET	COUNTY OF ORANGE	ORANGE	04/01/92
8	ORANGE COUNTY-OLINDA-ALPHA LANDFILL	COUNTY OF ORANGE	ORANGE	04/01/92
8	ORANGE COUNTY-STANTON	COUNTY OF ORANGE	ORANGE	04/01/92
8	RIVERSIDE COUNTY-MEAD VALLEY LANDFILL	COUNTY OF RIVERSIDE	RIVERSIDE	04/01/92
8	RIVERSIDE COUNTY-ELSINORE LANDFILL	RIVERSIDE COUNTY	RIVERSIDE	04/01/92
8	RIVERSIDE COUNTY-IDYLLWILD LANDFILL	RIVERSIDE COUNTY	RIVERSIDE	04/01/92
8	REDLANDS CITY-CHURCH STREET LANDFILL	CITY OF REDLANDS	SAN BERNARDINO	04/01/92
8	RIALTO CITY LANDFILL	CITY OF RIALTO	SAN BERNARDINO	04/01/92
8	SAN BERNARDINO CITY-TRI-CITY CORPORATE CENTER (PAR	CITY OF SAN BERNARDINO	SAN BERNARDINO	04/01/92
8	US AIR FORCE-NORTON AFB LANDFILL	US AIR FORCE, NORTON AFB	SAN BERNARDINO	04/01/92
9	ANZA SANITARY LANDFILL	RIVERSIDE, COUNTY OF	RIVERSIDE	07/01/92
9	MISSION BAY LANDFILL	SAN DIEGO, CITY OF	SAN DIEGO	11/30/89

RANK 3

REGION	SITE NAME	OPERATOR	COUNTY	TARGET REVIEW DATE
1	LOUISIANA PACIFIC-UKIAH WWDS	LOUISIANA PACIFIC CORPORATION	MENDOCINO	05/01/91
1	LOUISIANA PACIFIC-CASPAR WOODWASTE DISPOSAL SITE	LOUISIANA-PACIFIC CORPORATION	MENDOCINO	03/01/91
1	LOUISIANA PACIFIC-COVELO WOODWASTE DISPOSAL SITE N	LOUISIANA-PACIFIC CORPORATION	MENDOCINO	02/01/91
2	TURK ISLAND SANITARY LANDFILL		ALAMEDA	/ /
2	CHEVRON USA-OLD SITES	CHEVRON USA	CONTRA COSTA	/ /
2	TOSCO-OLD SITES	TOSCO	CONTRA COSTA	/ /
2	UNION OIL LANDFARM-OLD SITE	UNION OIL COMPANY	CONTRA COSTA	/ /
2	HAMILTON FIELD	HAMILTON FIELD	MARIN	/ /
2	SAN QUENTIN DISPOSAL SITE	SAN QUENTIN DISPOSAL CO	MARIN	/ /
2	G & M CONSTRUCTION-MARTIN SITE		SANTA CLARA	/ /
2	ROBERT ROAD LANDFILL	CITY OF SAN JOSE	SANTA CLARA	/ /
3	LAGUNA SECA	MONTEREY REGIONAL WASTE MANAGEMENT	MONTEREY	06/30/91
3	PASO ROBLES CITY LANDFILL	CITY OF PASO ROBLES	SAN LUIS OBISPO	06/30/91
3	WATSONVILLE CITY LANDFILL	CITY OF WATSONVILLE	SANTA CRUZ	02/01/91
4	BERADA CORPORATION-GARDENA VALLEY NO. 5		LOS ANGELES	/ /
4	HARDWICK DISPOSAL		LOS ANGELES	/ /
4	101 DISPOSAL COMPANY	101 DISPOSAL COMPANY	LOS ANGELES	/ /
4	AMERICAN DISPOSAL-LOS ANGELES NO. 1	AMERICAN DISPOSAL COMPANY	LOS ANGELES	/ /
4	ARMCO STEEL COMPANY-TORRANCE	ARMCO STEEL COMPANY	LOS ANGELES	/ /
4	BERADA CORPORATION-GARDENA VALLEY NO. 4	BERADA CORPORATION	LOS ANGELES	/ /
4	BERADA CORPORATION-GARDENA VALLEY NO. 6	BERADA CORPORATION	LOS ANGELES	/ /
4	VAIL AVENUE DISPOSAL SITE (FORMERLY BETHLEHEM STEE	BETHLEHEM STEEL	LOS ANGELES	/ /
4	BKK CORPORATION-CARSON	BKK CORPORATION	LOS ANGELES	/ /
4	CALIFORNIA BY-PRODUCTS-CARSON	CALIFORNIA BY-PRODUCTS	LOS ANGELES	/ /
4	CHANDLER SAND AND GRAVEL COMPANY LANDFILL	CHANDLER SAND AND GRAVEL COMPANY	LOS ANGELES	/ /
4	CITY DISPOSAL COMPANY-HARBOR DUMP	CITY DISPOSAL COMPANY	LOS ANGELES	/ /
4	CITY DUMP & SALVAGE NO. 2	CITY DUMP & SALVAGE	LOS ANGELES	/ /
4	CITY DUMP & SALVAGE NO. 3-LONG BEACH	CITY DUMP & SALVAGE NO. 3-LONG BEAC	LOS ANGELES	/ /
4	CITY DUMP & SALVAGE NO. 1	CITY DUMP AND SALVAGE	LOS ANGELES	/ /
4	LOS ANGELES CITY-BISHOPS CANYON LANDFILL	CITY OF LOS ANGELES	LOS ANGELES	/ /
4	TORRANCE CITY LANDFILL	CITY OF TORRANCE	LOS ANGELES	/ /
4	CLAREMONT LANDFILL	CONROCK COMPANY	LOS ANGELES	/ /
4	CONROCK-CALMAT LANDFILL	CONROCK COMPANY	LOS ANGELES	/ /
4	DAIRY VALLEY LAND RECLAMATION PROJECT	DAIRY VALLEY LAND RECLAMATION	LOS ANGELES	/ /
4	KOBRA JR. INCORPORATED	KOBRA JR., INC.	LOS ANGELES	/ /
4	L.A. BY PRODUCTS-SANTA FE SPRINGS SITE	L.A. BY-PRODUCTS COMPANY	LOS ANGELES	/ /
4	L.A. BY-PRODUCTS-NORTH HOLLYWOOD	L.A. BY-PRODUCTS COMPANY	LOS ANGELES	/ /
4	PORT DISPOSAL COMPANY-MACCO PIT	PORT DISPOSAL COMPANY	LOS ANGELES	/ /
4	PORT DISPOSAL COMPANY-BANNING PIT	PORT DISPOSAL COMPANY	LOS ANGELES	/ /
4	PORT LAND RECLAMATION COMPANY	PORT LAND RECLAMATION COMPANY	LOS ANGELES	/ /
4	WESTLAKE VILLAGE DUMP	PRUDENTIAL INSURANCE COMPANY	LOS ANGELES	/ /
4	SOUTHERN CALIFORNIA DISPOSAL COMPANY-GARDENA (190T	SOUTHERN CALIFORNIA DISPOSAL CO.	LOS ANGELES	06/02/89
4	SOUTHWEST STEEL ROLLING MILLS-CARSON NO. 2	SOUTHWEST STEEL ROLLING MILLS	LOS ANGELES	/ /
4	SOUTHWEST STEEL ROLLING MILLS-CARSON NO. 1	SOUTHWEST STEEL ROLLING MILLS	LOS ANGELES	/ /
5F	FRESNO COUNTY-SAN JOAQUIN-TRANQUILITY LANDFILL	FRESNO COUNTY	FRESNO	07/01/91
5F	KERN COUNTY-LEBEC LANDFILL	COUNTY OF KERN	KERN	12/01/90
5F	MARATHON OIL COMPANY	Marathon Oil Company	KERN	07/01/91
5F	KINGS COUNTY-HANFORD LANDFILL	KINGS COUNTY	KINGS	07/01/91
5F	BIXBY RANCH	BIXBY RANCH COMPANY	TULARE	07/01/91
5R	LASSEN COUNTY-WESTWOOD LANDFILL	LASSEN COUNTY PUBLIC WORKS DEPT	LASSEN	12/01/90
5R	ANDERSON LANDFILL	ANDERSON SOLID WASTE, INC.	SHASTA	06/30/90
5R	SHASTA COUNTY-ENTERPRISE LANDFILL	SHASTA COUNTY	SHASTA	06/30/90
5R	LOUISIANA PACIFIC-RED BLUFF DISPOSAL SITE	LOUISIANA-PACIFIC CORPORATION	TEHAMA	08/01/91
5S	MARIPOSA COUNTY LF	TOTAL WASTE SYSTEMS, INC.	MARIPOSA	09/03/89
5S	WEST SACRAMENTO LANDFILL	YOLO COUNTY	YOLO	/ /
5S	YUBA-SUTTER DISPOSAL INCORPORATED	REMO SCOCCI	YUBA	10/31/90
6T	LASSEN COUNTY-HERLONG LANDFILL	LASSEN CO DEPT OF PUB WKS	LASSEN	01/01/92
6T	MODOC COUNTY-FORT BIDWELL LANDFILL	MODOC CO., DEPT. OF PUBLIC WOR	MODOC	01/01/92
6T	MONO COUNTY-BRIDGEPORT LANDFILL	MONO COUNTY ROAD DEPT	MONO	01/01/92
6V	MOJAVE-ROSAMOND LANDFILL	KERN, COUNTY OF	KERN	01/01/94
6V	RIDGECREST-INYOKERN LANDFILL	KERN, COUNTY OF	KERN	01/01/94
6V	NWC SNORT ROAD LANDFILL (SITE 12)	U.S.- NAVY, DEPT. OF THE	KERN	01/01/94
6V	FORT IRWIN ROAD LAND TREATMENT SITE	ATCHISON, TOPEKA & SANTA FE RAILWAY	SAN BERNARDINO	12/01/90
6V	HESPERIA LANDFILL	SAN BERNARDINO, COUNTY OF	SAN BERNARDINO	01/01/95
6V	FORT IRWIN MAIN BASE LANDFILL	U.S.- ARMY, DEPT. OF THE	SAN BERNARDINO	01/01/95
7	IT CORPORATION-WASTE MANAGEMENT UNIT #3	GSX SERVICES(IMPERIAL VALLEY) INC.	IMPERIAL	03/01/91
8	ORANGE COUNTY-GATEWAY LONGSDON LANDFILL	COUNTY OF ORANGE	ORANGE	04/01/93
8	ORANGE COUNTY-SAN JOAQUIN ROAD	COUNTY OF ORANGE	ORANGE	04/01/93
8	ORANGE COUNTY-GOTHARD STREET LANDFILL	COUNTY OF ORANGE	ORANGE	04/01/93
8	RIVERSIDE COUNTY-SAN TIMOTEO BADLANDS LANDFILL	COUNTY OF RIVERSIDE	RIVERSIDE	04/01/93
8	RIVERSIDE COUNTY-LAMB CANYON LANDFILL	COUNTY OF RIVERSIDE	RIVERSIDE	04/01/93
8	BLACKLAND-PROPERTIES SITE		SAN BERNARDINO	04/01/93
8	SAN BERNARDINO COUNTY-SAN TIMOTEO CANYON LANDFILL	COUNTY OF SAN BERNARDINO	SAN BERNARDINO	04/01/93
8	LIVINGSTON-GRAHAM, REDLANDS	TRI-CITY CONCRETE	SAN BERNARDINO	04/01/93

STATE WATER RESOURCES CONTROL BOARD
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CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARDS

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SAN FRANCISCO BAY REGION (2)

2101 Webster Street, Ste. 500
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CENTRAL COAST REGION (3)

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Monterey Park, CA 91754-2156
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