

ATTACHMENT F
ORDER NO. R5-2008-_____
FINK ROAD LANDFILL
ITEMS TO BE INCLUDED IN A CLEANUP PLAN

The outline below is a minimum requirement for items to be included and discussed in the text of all cleanup plans submitted to the Regional Water Quality Control Board. All reports must be signed and stamped by a registered geologist, certified engineering geologist, or civil engineer registered or certified by the State of California. Other pertinent information specific to each individual investigation also shall be included.

I. INTRODUCTION

A. Site Assessment and characteristics

1. Site Background
2. Site description and location
3. Site history
4. Historic and current operations conducted at the site correlated to site contamination
5. Existing and planned use of the site
6. Present and historic chemical usage and handling procedures
7. Site geology and hydrogeology
8. Condition of surface and/or subsurface soil
9. All previous investigations with reference to relevant documents

B. Nature and Extent of Soil and Groundwater Contamination

1. Constituents and concentrations, including background concentrations
2. Lateral and vertical extent of contamination
3. Site maps to show above, including locations of any groundwater monitoring wells relative to soil and groundwater contamination
4. Site map showing topography
5. Site map showing groundwater gradient, direction, and iso-contour lines
6. Site map showing iso-concentration lines and vertical and horizontal extent of contamination
7. Tabulated analytical data and approved water quality and soil cleanup goals

II. SUMMARY OF SELECTED REMEDIATION ALTERNATIVE

1. Discussion of selected remedial alternative
2. Discussion of implementation of remedial alternative
3. Summary of field activities
4. Summary of bench-scale testing
5. Summary of aquifer testing
6. Remedial investigation results
7. Summary of remedial goals
8. Compliance with Federal and State regulations, if applicable

III. TREATMENT SYSTEM DESIGN AND IMPLEMENTATION

1. Conceptual Model/Remedial Design
2. Overview

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3. Block-flow and piping and instrumentation diagrams, including influent and effluent flowrates and concentrations
4. Equipment selection and operation, including make/model and manufacturer
5. System schematics (layout, instrumentation, and controls)
6. Treatment unit processes
7. Construction activities and utility requirements
8. Operation, maintenance and performance monitoring
9. Start-up sampling and performance monitoring
10. Sampling and analysis plan to demonstrate system effectiveness, performance optimization, and long-term operation with respect to achieving cleanup goals
11. Potential for off-site migration
12. Emission and discharge controls
13. Handling and disposal procedures
14. Quality assurance/quality control plan

IV. CLOSURE AND POST-CLOSURE MONITORING

1. Cleanup Strategy
2. Field sampling plan for closure and post-closure monitoring
3. Long-term operation and maintenance of remedial action measures

V. TIME SCHEDULE FOR IMPLEMENTATION AND REPORTING