

## **TABLES**

### **1 - Waste Disposal List**

**Table 1**  
**Waste Disposal List**  
**Blue Hills Disposal Facility**

|                           |                  |                          |
|---------------------------|------------------|--------------------------|
| Botran                    | Captan           | Sulfur                   |
| Thiodan                   | Parathion        | Paraquat                 |
| Phosdrin                  | 2,4-D            | DiSystin                 |
| organic phosphates        | Kepone           | Dimate                   |
| Lindane                   | Orthothide 50    | Capitah 50               |
| B.H.C. 10                 | Diazinon         | Tedion                   |
| Dieldrin                  | Aramite          | Bluestone                |
| Botran/Aramite mix        | Glacron          | Kelthane                 |
| TOK WP-50                 | Clordane         | Eptam                    |
| Thoricide                 | By Gon           | Cyanamid                 |
| Berban                    | Sevin            | Kromad                   |
| VPM                       | Acti-Dione       | 2,4,5-T                  |
| Dowpon                    | Maximul          | lead aremate             |
| silver (Kuren)            | DDT              | zinc phosphide           |
| Dithane Z-78              | Ryamicide 100    | Chloropicrin             |
| cycloheximide             | DDVP             | Zineb 75                 |
| Malathion 25              | Dacthol G-5      | Flit -NLO                |
| Dibrom/Sevin mix          | Throdan          | Quthion                  |
| copper sulfate            | TDE              | methyl bromide           |
| standard lead (91 lbs.)   | Phosphamidon     | Treflan                  |
| Methylurea                | Maleic hydrazide | Sinbar                   |
| Dimitro-o-sec-butylphenol | Sequestriene     | Maneb                    |
| Cyprex                    | Nemagon          | Diacelosypropene         |
| CH <sub>3</sub> Br        | Check-Turf       | Gro-Tard                 |
| Endrin                    | Terrachlor       | Pyrethrins               |
| Sinox                     | Strychnine       | Tetracthyl pryophosphate |
| sludge acid               | Supracide        | Curacron                 |
| Galecron                  | Metasystox       | Lorslian 4E              |
| Nemacur                   | Azodrin          | Round-up                 |
| Folex                     | Monitor          | Chloropyrifos            |
| Fenthion                  | Phytar           | Brominal                 |
| Ethylene Dibromide        | Sonalan          | Rubigan                  |
| Balan                     | Timik            | Endothal 96              |
| Altosid                   | Baytex           | Endosulphan Tech         |
| Killmaster #2             | Nitrophenal      |                          |

## **FIGURES**

- 1 - Regional Zoning / Facility Location Map**
- 2 - Facility Location on the Eastern Flank of the Coast Range**
- 3 - Site Configuration and Access**
- 4 - Topographic Site Location Map**
- 5 - FEMA Flood Insurance Rate Map**
- 6 - 100-Year Flood Hazard Boundary Map**
- 7 - Wind Rose**

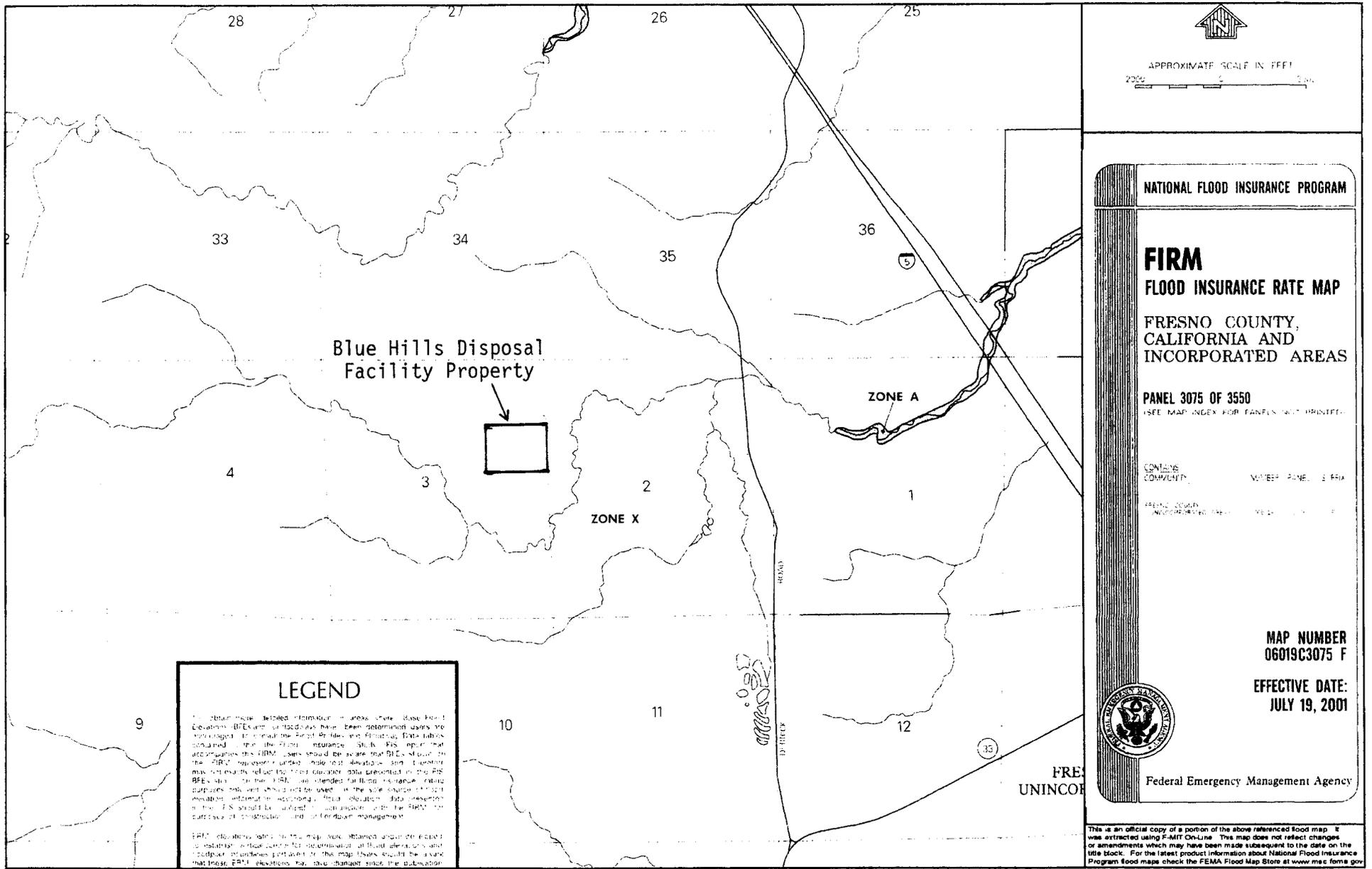
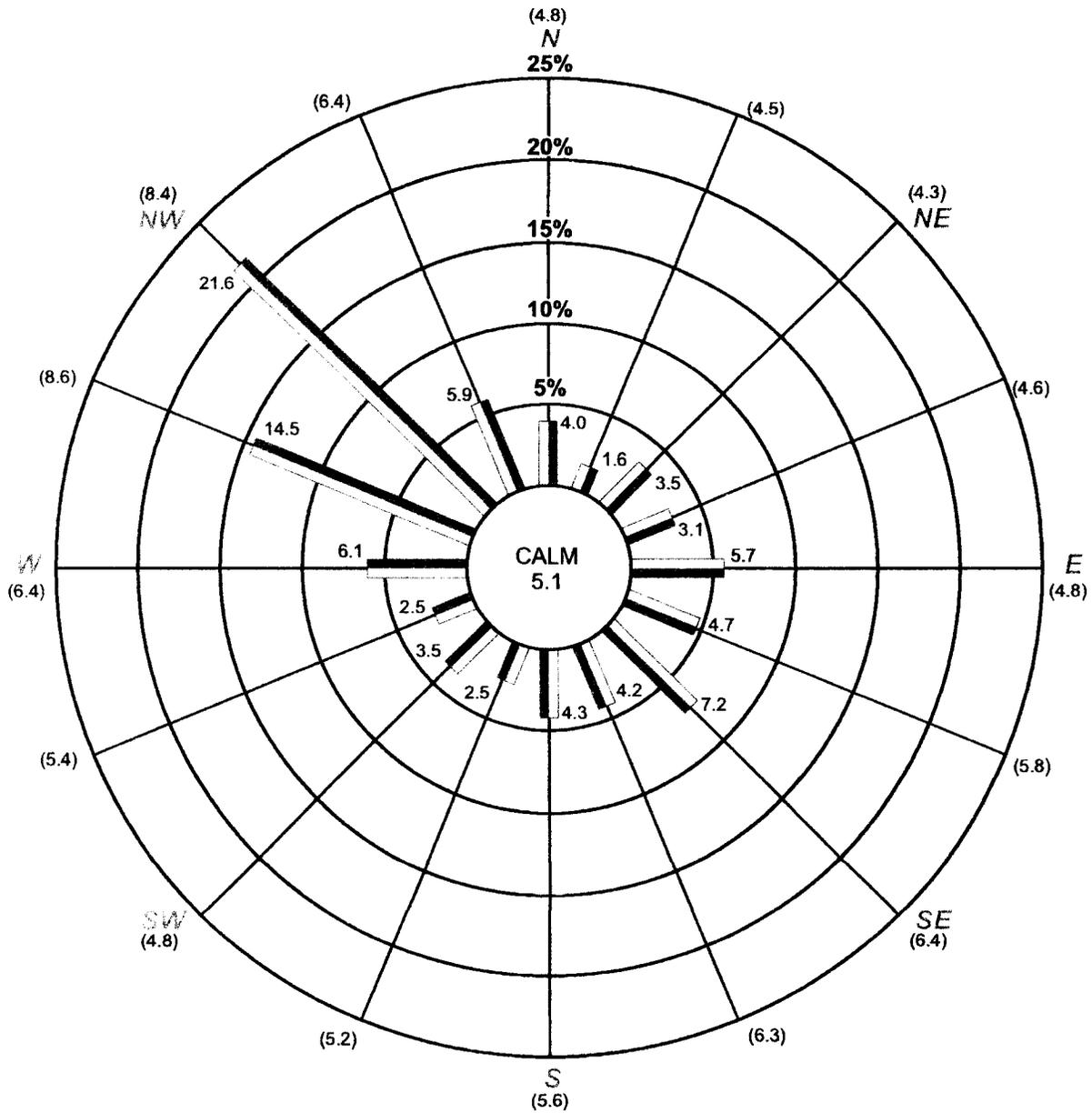


Figure 5





**STATION:** Fresno, CA/Air Terminal  
**LOCATION** La: 36° 46' Lo. 119° 43'  
**PERIOD:** 1941-1945, 1949-1968  
**NO. OF OBSERVATIONS:** 181,408  
**FREQUENCY:** All hours

**REFERENCE:**  
 National Climatic Center, Federal Building,  
 Asheville, NC 28801

**NOTE:**  
 (4.7) indicates mean wind speed in miles per hour



DATE FEB 2005  
 DWN SER  
 APPR \_\_\_\_\_  
 REV \_\_\_\_\_

PROJECT NO.  
 844562

**FIGURE 7**  
**FRESNO COUNTY**

**WIND ROSE**

**APPENDIX A**

**POST-CLOSURE PERMIT APPLICATION CHECKLIST**

**Chapter 4**  
**Post-closure Permit Application Checklist**  
 January 2002

| Section - Subsection                                      | Requirement  | Regulation<br>Title 22 CCR Section                | Location in Application /<br>Comment<br>(completed by applicant) |
|---|--|---|--|
| <b>A. General Information</b><br>A - 1 Part A             | All applicants must provide the information listed in Title 22 CCR, Section 66270.13 using the Part A application form EPA 8700-23.  | 66270.13  | Part A, Post-Closure Perm App/<br>Form(s) are completed (ID 1)   |
| A - 2 Part B Certification                                | Applications must be accompanied by a certification statement as specified in Title 22 CCR, Section 66270.11(d).   | 66270.11(d)                                       | Page 4, Part B /<br>Condition was addressed (ID 2)               |
| A - 3 General Description                                 | Brief description of the facility, including the nature of the business and facility contacts  | 66270.14 (b)(1) and<br>(b)(13)<br>66264.118(b)(3) | Page 5, Part B /<br>Condition was addressed (ID 3)               |
| A - 4 Post-closure Notices                                | Documentation that notices required under Title 22 CCR Section 66264.119 have been filed   | 66264.119   | Page 7, Part B /<br>Condition was addressed (ID 4)               |
| A - 5 Other Federal Laws                                  | Compliance with the requirements of applicable federal laws such as the Wild and Scenic Rivers Act, National Historic Preservation Act of 1966, Endangered Species Act, Coastal Zone Management Act, and the Fish and Wildlife Coordination Act  | 66270.3   | Page 8, Part B /<br>Condition was addressed (ID 5)               |
| <b>B. Facility Description</b><br>B - 1 Facility Location | Narrative description of items included on the topographical map identified in Section B-2, including a detailed description of the facility location with an area wide map showing roads and surrounding adjacent properties. Also include an identification of the local jurisdiction(s) in which the facility is located. | 66270.14 (b)(11)                                  | Page 9, Part B /<br>Condition satisfied (ID 6)                   |

**Chapter 4**  
**Post-closure Permit Application Checklist**  
 January 2002

|                                 |   |   |  |
|---------------------------------|---|---|--|
| <p>B - 2 Topographical Maps</p> | <p>(a) Topographic map(s) which shows the facility and a distance of 2,000 feet around it, at a scale of 1 inch equal to not more than 200 feet:</p> <ol style="list-style-type: none"> <li>(1) Contours sufficient to show surface water flow around the facility operations</li> <li>(2) Map scale and date</li> <li>(3) 100-year floodplain area</li> <li>(4) Surface waters including intermittent streams</li> <li>(5) Surrounding land uses</li> <li>(6) A wind rose</li> <li>(7) Map orientation</li> <li>(8) Legal boundaries of the hazardous waste management facility site</li> </ol> <p>(b) Location of the following:</p> <ol style="list-style-type: none"> <li>(1) Access controls</li> <li>(2) Access and internal roads</li> <li>(3) Injection and withdrawal wells (onsite and offsite)</li> <li>(4) Buildings and structures</li> <li>(5) Sewers</li> <li>(6) Flood control or drainage barriers</li> <li>(7) Run-on and run-off control systems</li> <li>(8) Existing hazardous waste management units and solid waste management units</li> <li>(9) The waste management area boundaries</li> <li>(10) The point(s) of compliance</li> <li>(11) Groundwater monitoring well locations</li> </ol> | <p>66270.14 (b)(18)<br/>         66270.14(c)(3)</p> | <p>Page 9, Part B /<br/>         Condition satisfied (ID 7)</p>  |
| <p>B - 3 Floodplain</p>         | <p>Floodplain requirements</p>  | <p>66264.18 (b)<br/>         66270.14(b)(11)</p>    | <p>Page 10, Part B /<br/>         Condition satisfied (ID 8)</p> |

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**Post-closure Permit Application Checklist**  
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|  |  |  |  |
|--|--|--|--|
| <b>C. Closure / Post-closure Plan</b><br>C - 1 Closure / Post-closure Plan | Copy of the approved closure plan, closure report and certification, and post-closure plan   | 66270.14 (b)(13)   | Page 10, Part B /<br>Condition satisfied (ID 9)      |
| <b>D. Security</b><br>D - 1 Security Requirements                          | Adequate security and requirement details  | 66264.14<br>66270.14(b)(4)   | Page 12, Part B /<br>Condition satisfied (ID 10)     |
| D - 2 Emergency Preparedness   | (a) Emergency equipment<br>(b) Testing and maintenance of equipment<br>(c) Water and fire control<br>(d) Documentation of arrangements with emergency agencies<br>(e) Equipment and power failure  | 66270.14(a) and (b)<br>66264.32(c) and (d)<br>66264.33<br>66264.37 | Page 12, Part B /<br>Condition was addressed (ID 11) |
| <b>E. Financial Responsibility</b><br>E - 1 Cost Estimates                 | Copy of the most recent post-closure cost estimate   | 66270.14 (b)(16)   | Page 14, Part B /<br>Condition was addressed (ID 12) |
| E - 2 Financial Responsibility Mechanisms                                  | Copy of the established financial assurance mechanism for post-closure care of the facility  | 66270.14 (b)(16)   | Page 14, Part B /<br>Condition satisfied (ID 13)     |
| <b>F. Inspection and Maintenance</b><br>F - 1 Closure Structures           | (a) List of wastes<br>(b) Liner and cap system description<br>(c) Liner system foundation description<br>(d) Leachate collection/detection system operation and design (If applicable)<br>(e) Run-on control system<br>(f) Run-off control system<br>(g) Cap maintenance | 66264.301<br>66264.309<br>66264.310<br>66270.21 (a) and (b)        | Page 15, Part B /<br>Condition satisfied (ID 14)     |

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|  |  |   |   |
|--|--|---|---|
| F - 2 Inspection Plan  | Inspection Plan which includes the following:<br>(a) Inspection schedule<br>(b) Inspection description<br>(c) Inspection checklist<br>(d) Inspection log<br>(e) Inspection remedial actions  | 66264.15 (b) and (c)<br>66264.118(b)(2)<br>66270.14(b)(5) | Pages 11 & 16, Part B /<br>Condition satisfied (ID 15)                            |
| <b>G. Monitoring Requirements</b><br><br>G - 1 Groundwater Monitoring Plan | See Appendix I Section 6.0.<br>(a) Purpose of plan<br>(b) Waste management history<br>(c) Uppermost aquifer<br>(d) Nature and extent of plume<br>(e) Analytical parameters<br>(f) Concentration limits<br>(g) Monitoring program description<br>(h) Water Quality Sampling and Analysis Plan<br>(i) Statistical Evaluation Plan<br>(j) Monitoring System Operation and Maintenance Plan<br>(k) Summary of existing environmental monitoring data                   | 66270.14(c)(1)<br>66264.97                                | Discussed in Sampling and Analysis Plan (SAP) /<br>Condition satisfied (ID 16)    |
| G - 2 Surface Water Monitoring Plan  | See Appendix I, Sections 9.0, 10.0, 11.0<br>(a) Purpose of plan<br>(b) Waste management history<br>(c) Surface water features<br>(d) Nature and extent of plume<br>(e) Analytical parameters<br>(f) Concentration limits<br>(g) Monitoring program description<br>(h) Water Quality Sampling and Analysis Plan<br>(i) Statistical Evaluation Plan<br>(j) Monitoring System Operation and Maintenance Plan<br>(k) Summary of existing environmental monitoring data | Article 6<br>66264.90 - 66264.100<br>66264.97(c)          | Discussed in Waste Discharge Requirements (WDRs) /<br>Condition satisfied (ID 17) |

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 January 2002

|  |   |   |   |
|--|---|---|---|
| <p>G - 3 Vadose Zone Monitoring Plan</p>   | <p>See Appendix I, Section 8.0<br/>         (a) Purpose of plan<br/>         (b) Waste management history<br/>         (c) Vadose zone description<br/>         (d) Nature and extent of plume<br/>         (e) Analytical parameters<br/>         (f) Concentration limits<br/>         (g) Monitoring program description<br/>         (h) Vadose Zone Sampling and Analysis Plan<br/>         (i) Statistical Evaluation Plan<br/>         (j) Monitoring System Operation and Maintenance Plan<br/>         (k) Summary of existing environmental monitoring data</p> | <p>Article 6<br/>         66264.97(d)</p>                             | <p>Discussed in Postclosure Maintenance Plan /<br/>         Condition satisfied (ID 18)</p>                                   |
| <p><b>H. Environmental Monitoring &amp; Response Programs for Air, Soil, and Soil-Pore Gas</b></p> | <p>Demonstrate compliance with Article 17 requirements.</p>   | <p>Article 17<br/>         66264.700 -<br/>         66264.708</p>     | <p>Discussed in Postclosure Maintenance Plan; Page 11, Part B – P.C. Permit Applic. /<br/>         Not applicable (ID 19)</p> |
| <p><b>I. Air Emission Standards for Process Vents</b></p>  | <p>Demonstrate compliance with Article 27 (RCRA AA) requirements.</p>   | <p>Article 27<br/>         66264.1030 -<br/>         66264.1036</p>   | <p>Not applicable (ID 20)</p>   |
| <p><b>J. Air Emission Standards for Equipment Leaks</b></p>  | <p>Demonstrate compliance with Article 28 (RCRA BB) requirements.</p>   | <p>Article 28<br/>         66264.1050 -<br/>         66264.1065</p>   | <p>Discussed in Postclosure Maintenance Plan /<br/>         Not applicable (ID 21)</p>  |
| <p><b>K. Air Emission Standards for Tanks, Surface Impoundments, and Containers</b></p>            | <p>Demonstrate compliance with Article 28.5 (RCRA CC) requirements.</p>   | <p>Article 28.5<br/>         66264.1080 -<br/>         66264.1090</p> | <p>Discussed in Postclosure Maintenance Plan /<br/>         Not applicable (ID 22)</p>  |

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|  |  |   |  |
|--|--|---|--|
| <b>L. Seismic Requirements</b>                                       | Demonstrate compliance with seismic standards.   | 66270.14(b)(11)(A)<br>66264.18(a)<br>66264.25<br>66264.228<br>66264.310 | Pages 9 & 17, Part B – P.C.<br>Permit Applic. /<br>Condition satisfied (ID 23) |
| <b>M. Corrective Action</b><br><br>M - 1 Location on Topographic Map | The location of the corrective action unit(s) on the required topographic map  | 66270.14(d)(1)(A)   | Page 17, Part B /<br>Condition satisfied (ID 24)                               |
| M - 2 Solid Waste Management Units                                   | Characterization of the Solid Waste Management Unit(s):<br>(a) Type of unit<br>(b) Location of each existing or closed unit on the topographic map<br>(c) General dimensions and structural description including engineering drawings for each unit (if available)<br>(d) Dimensions and materials of construction of each unit, if available<br>(e) Dates when the unit was in operation<br>(f) Description of the wastes placed in the unit<br>(g) Quantity or volume of wastes | 66270.14(d)(1)  | Page 17, Part B /<br>Condition was addressed (ID 25)                           |
| M - 3 Release from SWMU  | Provide all information available, including releases reported under CERCLA , on whether or not any releases have occurred from any of the solid waste management units at the facility.<br>(a) Information on releases must include the following concerning prior or current releases:<br>(1) Date of the release<br>(2) Type of waste or constituent released<br>(3) Quantity or volume released<br>(4) Nature of the release   | 66270.14(d)(1) and (2)  | Page 17, Part B /<br>Condition was addressed (ID 26)                           |

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|   |  |                 |   |
|---|--|-----------------|---|
|   | (5) Monitoring and other analytical data available to describe the nature and extent of the release<br>(b) If no releases, describe the methodology used to determine that releases from solid waste management units are not present.                         |                 |   |
| M - 4 Public Exposure                         | Provide information on the potential for the public to be exposed to releases. At a minimum, this must include:<br>(a) Reasonably foreseeable potential releases<br>(b) Potential pathways of human exposure<br>(c) Potential magnitude and nature of exposure | 66270.10(j)     | Not applicable (ID 27)  |
| M - 5 Corrective Action Program               | (1) Characterization of contamination<br>(2) Concentration limits<br>(3) Corrective Action Plan<br>(4) Monitoring program(s)<br>(5) Background values<br>(6) Sampling, analysis and statistical procedures   | 66270.14 (c)(8) | Discussed in Postclosure Maintenance Plan / Condition satisfied (ID 28) |
| <b>N. Potential Redevelopment Information</b> | Any information or applicable discussion related to the proposed or potential future redevelopment of the site   | 66270.14(b)(19) | Page 17, Part B – PC Perm Appl / Not applicable (ID 29)                 |
| <b>O. Additional Information</b>              | Any additional information related to the proposed activity or facility which is requested by DTSC   | 66270.14(b)(19) | Not applicable (ID 30)  |

## **APPENDIX B**

### **FINANCIAL ASSURANCE FOR CLOSURE/POST-CLOSURE**



*7gc*  
*3-21-06*      *mer*  
*3-17-06*

# County of Fresno

**VICKI CROW, C.P.A.**  
AUDITOR-CONTROLLER/TREASURER-TAX COLLECTOR

February 28, 2006

Angie Alfaro, Financial Analyst  
Department of Toxic Substances Control  
8800 Cal Center Drive  
Sacramento, California 95826-3200

Dear Ms. Alfaro:

Enclosed are the following documents for Fresno County's Blue Hills Disposal Site (CAT 080010606):

1. A letter from the chief financial officer, as specified in California Code of Regulations, Title 22, Division 4.5, Chapter 14 and 15, Article 8, Sections 66264.147 and 66265.147, for liability, and Sections 66264.143, 66264.145, 66265.143 and 66265.145, for closure and/or post-closure, worded as indicated in Form DTSC 1162 (5/95).
2. A copy of the independent certified public accountant's report on Fresno County's most recently completed Comprehensive Annual Financial Report.
3. A special report from the independent certified public accountant on the financial data in the letter from the chief financial officer.
4. A completed financial test for liability, closure and/or post-closure using Alternative III.

As a governmental entity, neither the Form 10-K nor the corporate guarantee are applicable to Fresno County.

Angie Alfaro  
February 28, 2006  
Page 2

Should you need additional information or have questions concerning the enclosed documentation, please contact Fifi Tjahjadi or Jason Derrick of our Financial Reporting/Audits Division at (559) 488-3496.

Sincerely,



Vicki Crow, C.P.A.  
Auditor-Controller/Treasurer-Tax Collector

VC:ft:af

Enclosures

cc: Marion Miller, Resources Manager  
Planning & Resource Management Department

Wabe Cornwell, Toxic Substance Control Program  
Facility Permitting Unit, Region No. 1  
10151 Croydon Way, Sacramento, California 95827-2106

Shelton Gray, Regional Water Quality Control Board  
Central Valley Region, 1685 "E" Street, Fresno, California 93706

Kevin Wong, U.S. Environmental (WST-4)  
75 Hawthorne Street, San Francisco, California 94105-3901



# County of Fresno

VICKI CROW, C.P.A.

AUDITOR-CONTROLLER/TREASURER-TAX COLLECTOR

February 28, 2006

Director  
Department of Toxic Substances Control  
Financial Responsibility Unit  
8800 Cal Center Drive, 3<sup>rd</sup> Floor  
Sacramento, California 95826-3200

I am the Chief Financial Officer of the County of Fresno, 2281 Tulare Street, Fresno, California.

This letter is in support of the County's use of the financial test to demonstrate financial responsibility for liability coverage and closure and/or post-closure care as specified in California Code of Regulations, Title 22, Division 4.5, Chapter 14 and 15, Article 8.

1. The County of Fresno is the Owner/Operator of the following facility for which liability coverage for both sudden and nonsudden accidental occurrences is being demonstrated through the financial test specified in California Code of Regulations, Title 22, Division 4.5, Chapter 14 and 15, Article 8, Sections 66264.147 and 66265.147:

EPA I.D. No. CAT080010606  
Blue Hills Disposal Site  
C/O County of Fresno  
Public Works and Development Services  
Resources Division  
2220 Tulare Street, Suite 600  
Fresno, California 93721

|                              |             |
|------------------------------|-------------|
| Sudden Liability Coverage    | \$2,000,000 |
| Nonsudden Liability Coverage | \$6,000,000 |

2. The Owner/Operator identified above guarantees through the guarantee specified in California Code of Regulations, Title 22, Division 4.5, Chapter 14 and 15, Article 8, Sections 66264.147 and 66265.147, liability coverage for sudden and nonsudden accidental occurrences at the following facility owned or operated by its subsidiaries. The amount of liability coverage covered by this test is shown for each facility:

None

3. The County of Fresno is the Owner/Operator of the following facility for which financial assurance for closure and/or post-closure is demonstrated through the financial test as specified in California Code of Regulations Title 22, Division 4.5, Chapter 14 and 15, Article 8, Sections 66264.143(f), 66264.145(f), 66265.143(e) and 66265.145(e). The current closure and/or post-closure cost estimates covered by the test are shown for each facility:

EPA I.D. No. CAT080010606  
Blue Hills Disposal Site  
C/O County of Fresno  
Public Works and Development Services  
Resources Division  
2220 Tulare Street, Suite 600  
Fresno, California 93721

|                            |              |
|----------------------------|--------------|
| Current Closure Cost       | Closed 12/92 |
| Post-Closure Cost Estimate | \$1,574,413  |

4. The Owner/Operator identified above guarantees through the corporate guarantee as specified in California Code of Regulations, Title 22, Division 4.5, Chapter 14 and 15, Article 8, Sections 66264.143(f), 66264.145(f), 66265.143(e) and 66265.145(e) for the closure and/or post-closure care of the following facilities owned or operated by the guaranteed party. The current cost estimates for the closure and/or post-closure care so guaranteed are shown for each facility:

None

5. The County of Fresno is the Owner/Operator of the following facilities for which financial assurance for liability coverage, closure and/or post-closure care, is not demonstrated either to U.S. Environmental Protection Agency or a state through the financial test and guarantee or through any other financial assurance mechanism as specified in California Code of Regulations, Title 22, Division 4.5, Chapter 14 and 15, Article 8 or equivalent or substantially equivalent State mechanisms. The current liability coverage, closure and/or post-closure cost estimates not covered by such financial assurance are shown for each facility:

None

6. In states where the U.S. Environmental Protection Agency is not administering the financial requirements of Subpart H of Title 40 Code of Federal Regulations (40 CFR), Parts 264 and 265, this firm as owner/operator or guarantor is demonstrating financial

assurance for liability coverage, closure and/or post-closure care of the following facilities through the use of a financial test equivalent or substantially equivalent to the financial test specified in California Code of Regulations, Title 22, Division 4.5, Chapter 14 and 15, Article 8, Sections 66264.143(f), 66264.145(f), 66265.143(e), and 66265.145(e). The current liability coverage, closure and/or post-closure cost estimates covered by such a test are shown for each facility:

None

7. The County of Fresno is the Owner/Operator of the following Underground Injection Control facilities for which financial assurance for plugging and abandonment is demonstrated as required under Part 144. The current closure cost estimates as required by 40 CFR 144.62 are shown for each facility:

None

The County of Fresno as Owner/Operator is not required to file a Form 10-K with the Securities and Exchange Commission for the latest fiscal year.

The fiscal year of this Owner/Operator ends on June 30. In Exhibit A, the figures marked with an asterisk are derived from this owner's/operator's independently audited, year-end financial statements for the latest completed fiscal year, ended June 30, 2005, using Alternative III.

I hereby certify that this letter is worded as specified by the Department of Toxic Substances Control and is being executed in accordance with the requirements of California Code of Regulations, Title 22, Division 4.5, Chapter 14 and 15, Article 8.



Vicki Crow, C.P.A.  
Auditor-Controller/Treasurer-Tax Collector

VC:ft:af

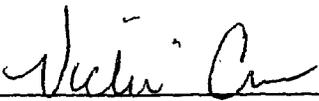
Attachments

FRESNO COUNTY BLUE HILLS DISPOSAL SITE, CAT080010606  
 ALTERNATIVE III  
 FOR USE WITH FINANCIAL TEST FOR BOTH  
 CLOSURE AND/OR POST-CLOSURE AND LIABILITY  
 FOR THE FISCAL YEAR ENDED JUNE 30, 2005

EXHIBIT A

|  |    |                  |            |
|--|----|------------------|------------|
| 1. Sum of current closure and post-closure cost estimates [total of all cost estimates] .....  | \$ | 1,574,413        |            |
| 2. Amount of annual aggregate liability coverage to be demonstrated .....  | \$ | 8,000,000        |            |
| 3. Sum of lines 1 and 2 .....  | \$ | <u>9,574,413</u> |            |
| * 4. Total liabilities [if any portion of the closure or post-closure cost estimate is included in your total liabilities, you may deduct the amount of that portion from this line and add that amount to lines 5 and 6]..... | \$ | 1,027,161,000    |            |
| * 5. Tangible net worth .....  | \$ | 340,603,000      |            |
| * 6. Net worth .....   | \$ | 340,901,000      |            |
| * 7. Current assets .....  | \$ | 702,583,000      |            |
| * 8. Current liabilities .....   | \$ | 261,125,000      |            |
| 9. Net working capital [line 7 minus line 8] .....   | \$ | 441,458,000      |            |
| * 10. The sum of net income plus depreciation, depletion, and amortization .....   | \$ | 28,254,000       |            |
| * 11. Total assets in U.S. [required only if less than 90 percent of assets are located in the U.S.] .....   | \$ | N/A              |            |
| 12. Is line 5 at least \$10 million? .....   |    | YES ( X )        | NO ( )     |
| 13. Is line 5 at least 6 times line 3? .....   |    | YES ( X )        | NO ( )     |
| 14. Is line 9 at least 6 times line 3? .....   |    | YES ( X )        | NO ( )     |
| * 15. Are at least 90 percent of assets located in the U.S.? If not , complete line 16 .....   |    | YES ( X )        | NO ( )     |
| 16. Is line 11 at least 6 times line 3? .....  |    | YES ( )          | NO ( ) N/A |
| 17. Is line 4 divided by line 6 less than 2.0? .....   |    | YES ( )          | NO ( X )   |
| 18. Is line 10 divided by line 4 greater than 0.1? .....   |    | YES ( )          | NO ( X )   |
| 19. Is line 7 divided by line 8 greater than 1.5? .....  |    | YES ( X )        | NO ( )     |

I hereby certify that this letter is worded as specified by the Department of Toxic Substances Control and is being executed in accordance with the requirements of California Code of Regulations, Title 22, Division 4.5, Chapter 14 and 15, Article 8.

  
 Signature  
 Auditor-Controller/Treasurer-Tax Collector  
 Title

Vicki Crow, C.P.A.  
 Typed or Printed Name  
3/2/2006  
 Date

FINANCIAL TEST AMOUNTS FOR  
 FRESNO COUNTY BLUE HILLS DISPOSAL SITE, CAT080010606  
 FOR THE FISCAL YEAR ENDED JUNE 30, 2005  
 (DOLLARS IN THOUSANDS)

| <u>Description</u>  | <u>CAFR<br/>Page</u> | <u>Balance<br/>Reported</u> |
|---|----------------------|-----------------------------|
| Total Liabilities   | 12                   | <u>\$1,027,161</u>          |
| Tangible Net Worth  | 12                   | \$340,901                   |
| Less: Unamortized Bond Issuance Cost  | 28                   | (298)                       |
| Tangible Net Worth  |                      | <u>\$340,603</u>            |
| Net Worth   | 12                   | <u>\$340,901</u>            |
| Current Assets  | 12                   | <u>\$702,583</u>            |
| Current Liabilities   | 12                   | <u>\$261,125</u>            |
| Net Income  |                      |                             |
| Governmental Funds - Deficiency of<br>Revenues and Other Sources Over/(Under) |                      |                             |
| Expenditures and Other Uses   | 16                   | \$28,072                    |
| Enterprise Funds-Net Income   | 29                   | 278                         |
| Plus: Enterprise Fund Depreciation  | 29                   | 1,718                       |
| Enterprise Fund Amortization  | 29                   | 64                          |
| Internal Service Funds-Net Loss   | 29                   | (9,055)                     |
| Plus: Internal Service Funds Depreciation                                     | 29                   | 7,177                       |
| Total Net Income, Depreciation and Amortization                               |                      | <u>\$28,254</u>             |

Note: CAFR = Comprehensive Annual Financial Report For Fresno County



As described in Note A to the basic financial statements, the County adopted Statement of the Governmental Accounting Standards Board No. 40, *Deposit and Investment Risk Disclosure*.

The management's discussion and analysis (MD&A) and the required supplementary information other than MD&A, are not a required part of the basic financial statements but are supplementary information required by the accounting principles generally accepted in the United States of America. We have applied certain limited procedures, which consisted principally of inquiries of management regarding the methods of measurement and presentation of the required supplementary information. However, we did not audit the information and express no opinion on it.

Our audit was conducted for the purpose of forming opinions on the financial statements that collectively comprise the County's basic financial statements. The accompanying supplementary information identified in the table of contents as combining and individual fund statements and schedules is presented for purposes of additional analysis and is not a required part of the basic financial statements. Such information has been subjected to the auditing procedures applied in the audit of the basic financial statements and, in our opinion is fairly stated in all material respects in relation to the basic financial statements taken as a whole.

The information identified in the table of contents as the introductory and statistical sections is presented for purposes of additional analysis and is not a required part of the basic financial statements. Such additional information has not been subjected to the auditing procedures applied in the audit of the basic financial statements and, accordingly, we express no opinion thereon.

December 21, 2005  
Visalia, California

*M. Green and Company, LLP*



# M. Green and Company LLP

CERTIFIED PUBLIC ACCOUNTANTS

LARRY W. AYERS, C.P.A.

MARLA D. BORGES, C.P.A.

KEVIN M. GREEN, C.P.A.

WM. KENT JENSEN, C.P.A.

KATHLEEN M. LAMPE, C.P.A.

LYNN M. LAMPE, C.P.A.

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JUSTIN MORALES, JR., C.P.A.

KENNETH B. NUNES, C.P.A.

GIUSEPPE SCALIA, C.P.A.

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FOREST A. MCQUEEN, C.P.A.  
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CHARLES L. SOUTHARD, C.P.A.  
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KENT A. WOOLLEY, C.P.A.  
*Consultant*

The Honorable Board of Supervisors  
County of Fresno, California

## INDEPENDENT ACCOUNTANT'S REPORT ON APPLYING AGREED-UPON PROCEDURES

We have performed the procedures enumerated below with respect to certain information included in the Alternative III for Use with Financial Test for Both Closure and/or Post-Closure Liability for the fiscal year ended June 30, 2005 (Exhibit A of the letter dated February 28, 2006 from Ms. Vicki Crow, C.P.A., Auditor-Controller/Treasurer-Tax Collector of the County of Fresno (the County), California, to the Department of Toxic Substances Control (DTSC)). These procedures, which were agreed by the management of the County and the DTSC, were performed solely to assist the County in meeting the requirements of the California Code of Regulations Title 22, Division 4.5, Chapter 14 and 15, Article 8, Sections 66264.143, 66264.145, 66265.143 and 66265.145. This engagement to apply agreed-upon procedures was performed in accordance with standards established by the American Institute of Certified Public Accountants. The sufficiency of the procedures is solely the responsibility of the specified users of the report. Consequently, we make no representation regarding the sufficiency of the procedures described below either for the purpose for which this report has been requested or for any other purpose.

The procedures performed and our findings were as follows:

We compared the County's responses for items 4 through 10, 12 through 15 and 17 through 19 in Exhibit A of the letter from Ms. Vicki Crow, C.P.A. to the information reported by the County's management in the basic financial statements included in its Comprehensive Annual Financial Report as of June 30, 2005, and for the fiscal year then ended, on which we have issued a report, dated December 21, 2005. We have not performed any auditing procedures beyond the date of such report on the financial statements; accordingly, this report is based upon our knowledge as of that date.

We were not engaged to, and did not perform an audit, the objective of which would be the expression of an opinion on any of the information or amounts included in the aforementioned letter from Ms. Vicki Crow, C.P.A. or the exhibits thereto. Accordingly, we do not express such an opinion. However, in performing the procedures referred to above, no matter came to our attention which caused us to believe that the information or amounts included in items 4 through 10, 12 through 15 and 17 through 19 in Exhibit A to such letter did not agree with the corresponding information reported by the County's management in the aforementioned basic financial statements. Had we performed additional procedures, other matters might have come to our attention that would have been reported to you.

This report is intended solely for the information and use of the County of Fresno Board of Supervisors, management and the DTSC and is not intended to be and should not be used by anyone other than these specified parties.

*M. Green and Company, LLP.*

Visalia, California  
February 28, 2006

Tulare  
Visalia  
Hanford  
Dinuba

## **APPENDIX C**

### **CLOSURE CERTIFICATIONS AND AGENCY APPROVALS**



Department of Toxic Substances Control



an C. Lloyd, Ph.D.  
Agency Secretary  
Cal/EPA

8800 Cal Center Drive  
Sacramento, California 95826-3200

Arnold Schwarzenegger  
Governor

June 2, 2005

**RECEIVED**  
JUN 06 2005  
FRESNO COUNTY  
DEPT. OF  
PUBLIC WORKS & PLANNING

Ms. Marion L. Miller  
County of Fresno-Resources Manager  
Department of Public Works and Planning  
Resources Division  
2220 Tulare Street, Sixth Floor  
Fresno, California 93721

FINAL COVER CERTIFICATION FOR THE BLUE HILLS  
LANDFILL COALINGA FRESNO COUNTY EPA  
ID CAT080010606

Dear Ms. Miller:

Attached you will find a memo dated May 19, 2005 prepared by Mr. Raymond Leclerc,  
P.E. the Department of Toxic Substances Control (DTSC).

Based on the attached memo, DTSC is certifying that the Closure Cover System was  
installed as described in the approved closure plan and in the approved final design  
approved in 1991 and 1992.

Please contact me at (916) 255-3883 if you have any further questions.

Sincerely,

Ann M. Stacy, REA I  
Hazardous Substances Scientist

Enclosure

cc: See next page.

Ms. Marion L. Miller

June 2, 2005

Page 2

cc: Mr. Daniel Carlson  
County of Fresno  
Department of Public Works and Planning  
Resources Division  
2220 Tulare Street, Sixth Floor  
Fresno, California 93721

Mr. Wade Cornwell, P.E.  
Northern California Permitting and  
Corrective Action Branch  
Permitting and Corrective Action Division

Mr. Raymond Leclerc, P.E.  
Northern California Permitting and  
Corrective Action Branch  
Permitting and Corrective Action Division

Mr. Brian Lewis, CHG  
Geology, Permitting and Corrective Action Branch  
Northern California Geological Services Unit



n C. Lloyd, Ph.D.  
Agency Secretary  
Cal/EPA



## Department of Toxic Substances Control

8800 Cal Center Drive  
Sacramento, California 95826-3200



Arnold Schwarzenegger  
Governor

### MEMORANDUM

TO : Ann Stacy  
Hazardous Substances scientist

FROM: Raymond Leclerc, P.E.  5/19/05  
Senior Hazardous Substances Engineer

DATE: May 19, 2005

SUBJECT: **Closure of Blue Hills Disposal Site, Fresno County, California  
CAT080010606**

---

Documents: -*Construction Report, Final Cover Placement, Blue Hills Disposal Facility, County of Fresno, California*, prepared by Emcon Associates, dated June 1993.  
-*Specifications, Blue Hills Disposal Facility, Final Cover*, prepared by County of Fresno, dated may 21, 1992.  
-*Clay Borrow Source Investigation, American Avenue Disposal Site-Expansion Phase II*, prepared by Emcon Associates, dated January 21, 1992.  
-*Closure and Postclosure Plans, Blue Hills Disposal Site, Fresno County, California*, prepared by Emcon Associates, dated June 1988, revised October 1988.  
-*Blue Hills Closure Postclosure Plan, Revision 5*, dated October 31, 1991

The above documents have been reviewed by the Department of Toxic Substances Control (DTSC) to determine if the Closure Cover System was installed as described in

the approved closure plan and in the approved final design. In addition, the documents were reviewed to determine if the cover construction was adequately documented with the required certification.

A field visit was conducted by DTSC staff Ray Leclerc and Ann Stacy on April 20, 2005. The purpose of the visit was to conduct a visual inspection of the cover and drainage systems. Based on this inspection the cover and drainage system appeared to be in good shape. My observations included:

- Very little erosion of the cover in the center or on the margins,
- No indication of major renovations of the cover or drainage systems,
- Some desiccation cracking of less than a quarter inch and 3-4 inches deep,
- Heavy vegetation (tall grasses and weeds, no trees) on the cover and surrounding areas,
- Drainage structures were in good shape; however it is clear that they need annual maintenance for weed removal due to growth on the edges and in cracks.

The cover system has been in place for over ten years and is in very good shape for a soil cover of that age. Based on my brief observations, the cover appears to be in place as per the design documents.

### **Conclusions/Recommendations**

Based on the review of these older documents and a brief field visit it appears the cover system was installed as required in the 1991 and 1992 approved closure documents and certification. I recommend that you accept the closure certification submitted by Fresno County found in above June 1993 report.

The cover design would not be considered state of the practice today. The most effective cover systems for arid environments are evapo-transpiration covers or geosynthetic composite covers. The weakness in low permeability clay liners are they tend to desiccate as they dry out to ambient conditions. Significant desiccation can compromise the function of the cover system. During this inspection I did not observe significant desiccation cracking.

The cover system has been in place for a sufficient time period to be able to evaluate its performance in isolating the waste and protecting groundwater. While there is no indication that the cover is not performing as designed, it would be prudent to evaluate the cover performance of the last 12 years. I recommend as part of the ongoing cover maintenance program that Fresno County evaluate the effectiveness of the cover system.

**APPENDIX D**

**POST-CLOSURE INSPECTION AND MAINTENANCE FORM**

**BLUE HILLS DISPOSAL SITE  
INSPECTION CHECKLIST - SUMMARY**

| INSPECTION ITEM                                   | Date |  |  |                                     |  |  |  |                            |  |  |  |  |
|---|------|--|--|-------------------------------------|--|--|--|----------------------------|--|--|--|--|
|   |      |  |  |                                     |  |  |  |                            |  |  |  |  |
| <b>INSPECTION TYPE (R,I,C)</b>                    |      |  |  |                                     |  |  |  |                            |  |  |  |  |
| <b>WEATHER (fair, cloudy, windy, rainy)</b>       |      |  |  |                                     |  |  |  |                            |  |  |  |  |
| <b>FINAL COVER</b>                                |      |  |  |                                     |  |  |  |                            |  |  |  |  |
| Poor drainage                                     |      |  |  |                                     |  |  |  |                            |  |  |  |  |
| Ponding   |      |  |  |                                     |  |  |  |                            |  |  |  |  |
| Thin vegetation/bare spots                        |      |  |  |                                     |  |  |  |                            |  |  |  |  |
| Cracking/sliding                                  |      |  |  |                                     |  |  |  |                            |  |  |  |  |
| Erosion   |      |  |  |                                     |  |  |  |                            |  |  |  |  |
| Exposed refuse                                    |      |  |  |                                     |  |  |  |                            |  |  |  |  |
| Seepage   |      |  |  |                                     |  |  |  |                            |  |  |  |  |
| Burrows   |      |  |  |                                     |  |  |  |                            |  |  |  |  |
| Odors   |      |  |  |                                     |  |  |  |                            |  |  |  |  |
| <b>DRAINAGE SYSTEM</b>                            |      |  |  |                                     |  |  |  |                            |  |  |  |  |
| Obstructions to flow                              |      |  |  |                                     |  |  |  |                            |  |  |  |  |
| Ponding/low spots                                 |      |  |  |                                     |  |  |  |                            |  |  |  |  |
| Debris/sediment                                   |      |  |  |                                     |  |  |  |                            |  |  |  |  |
| <b>GROUNDWATER MONITORING SYSTEM</b>              |      |  |  |                                     |  |  |  |                            |  |  |  |  |
| Enclosure damage                                  |      |  |  |                                     |  |  |  |                            |  |  |  |  |
| Casing damage                                     |      |  |  |                                     |  |  |  |                            |  |  |  |  |
| Well seal damage                                  |      |  |  |                                     |  |  |  |                            |  |  |  |  |
| Well cap, pump and hose damage                    |      |  |  |                                     |  |  |  |                            |  |  |  |  |
| <b>SECURITY SYSTEM</b>                            |      |  |  |                                     |  |  |  |                            |  |  |  |  |
| Fence post damage                                 |      |  |  |                                     |  |  |  |                            |  |  |  |  |
| Gate or lock damage                               |      |  |  |                                     |  |  |  |                            |  |  |  |  |
| Fence fabric damage                               |      |  |  |                                     |  |  |  |                            |  |  |  |  |
| Sign damage                                       |      |  |  |                                     |  |  |  |                            |  |  |  |  |
| <b>SURVEY BENCH MARKS</b>                         |      |  |  |                                     |  |  |  |                            |  |  |  |  |
| Location disturbed                                |      |  |  |                                     |  |  |  |                            |  |  |  |  |
| <b>INSPECTOR</b>                                  |      |  |  |                                     |  |  |  |                            |  |  |  |  |
| Notes: Y = Yes, N= No; If yes, explain on page 2. |      |  |  |                                     |  |  |  |                            |  |  |  |  |
| R = Routine inspection (quarterly)                |      |  |  | I = Independent inspection (annual) |  |  |  | C = Contingency inspection |  |  |  |  |

**BLUE HILLS DISPOSAL SITE  
INSPECTION CHECKLIST - EXPLANATIONS**

| INSPECTION ITEM   | Date: |  |
|---|-------|--|
| <b>INSPECTION TYPE (R,I,C)</b>  |       |  |
| WEATHER (fair, cloudy, windy, rainy)  |       |  |
| <b>FINAL COVER</b>  |       |  |
| Poor drainage   |       |  |
| Ponding   |       |  |
| Thin vegetation/bare spots  |       |  |
| Cracking/sliding  |       |  |
| Erosion   |       |  |
| Exposed refuse  |       |  |
| Seepage   |       |  |
| Burrows   |       |  |
| Odors   |       |  |
| <b>DRAINAGE SYSTEM</b>  |       |  |
| Obstructions to flow  |       |  |
| Ponding/low spots   |       |  |
| Debris/sediment   |       |  |
| <b>GROUNDWATER MONITORING SYSTEM</b>  |       |  |
| Enclosure damage  |       |  |
| Casing damage   |       |  |
| Well seal damage  |       |  |
| Well cap, pump and hose damage  |       |  |
| <b>SECURITY SYSTEM</b>  |       |  |
| Fence post damage   |       |  |
| Gate or lock damage   |       |  |
| Fence fabric damage   |       |  |
| Sign damage   |       |  |
| <b>SURVEY BENCH MARKS</b>   |       |  |
| Location disturbed  |       |  |
| <b>INSPECTOR</b>  |       |  |
| Notes: Y = Yes, N= No.<br>R = Routine inspection (quarterly)                      I = Independent inspection (annual)                      C = Contingency inspection |       |  |

**APPENDIX E**

**POSTCLOSURE COST ESTIMATE WORKSHEET**

Table E-10

Postclosure Cost Estimate-Summary Including Administrative and Contingency Costs  
 Blue Hills Disposal Site  
 Fresno County, California

| Postclosure Activity                  | Total Estimated 16-Year Cost | Administrative and Contingency |                | Total Estimated 16-Year Cost with Contingency and Administration |
|---------------------------------------|------------------------------|--------------------------------|----------------|--|
|                                       |                              | (%)                            | (\$)           |  |
|                                       | (\$)                         | (%)                            | (\$)           | (\$)   |
| <b>Annual (Recurring) Activities</b>  |                              |                                |                |  |
| Groundwater Monitoring                | 696,612                      | 20                             | 139,322        | 835,934  |
| Benchmarks/Inspection                 | 33,867                       | 20                             | 6,773          | 40,640   |
| Independent Annual Inspection         | 78,400                       | 20                             | 15,680         | 94,080   |
| Drainage Controls & Fence Maintenance | 164,746                      | 20                             | 32,949         | 197,695  |
| Final Cover & Vegetation Maintenance  | 187,413                      | 20                             | 37,482         | 224,895  |
| <b>Non-Recurring Activities</b>       |                              |                                |                |  |
| Replacement Wells & Pumps             | 33,500                       | 20                             | 6,700          | 40,200   |
| Closure of Groundwater Wells          | 19,000                       | 20                             | 3,800          | 22,800   |
| Postclosure Certification             | 9,900                        | 20                             | 1,980          | 11,880   |
| <b>TOTALS</b>                         | <b>1,223,438</b>             | <b>20</b>                      | <b>244,686</b> | <b>1,468,124</b>   |
| <b>AVERAGE COST PER YEAR</b>          |                              |                                |                | <b>91,758</b>  |

TABLE E-11

FEE SCHEDULE (1)  
GROUND WATER MONITORING

|  |                   |  |
|--|-------------------|--|
| Task 1 – Logistics and Preparation                                 | <u>\$266.00</u>   | Semi-Annual cost X 2 = <u>\$ 532.00</u>  |
| Task 2 – Ground water Sample Collection                            | <u>\$1,267.00</u> | Semi-Annual cost X 2 = <u>\$2,534.00</u> |
| Task 3 – Sample Laboratory Analysis<br>1 <sup>st</sup> Semi-Annual | <u>\$2,934.00</u> | Semi-Annual cost X 1 = <u>\$2,934.00</u> |
| 2 <sup>nd</sup> Semi-Annual(includes annual parameters)            | <u>\$9,032.00</u> | Semi-Annual cost X 1 = <u>\$9,032.00</u> |
| Task 4 – Monitoring Reports<br>Regular Semi-Annual Reports         | <u>\$2,078.00</u> | Semi-Annual cost X 1 = <u>\$2,078.00</u> |
|  | <u>\$2,678.00</u> | Semi-Annual cost X 1 = <u>\$2,678.00</u> |
| Task 5 – Supplemental item for 5 years Metal / COC analysis        |                   | = <u>\$1,841.00</u>                      |
| Task 6 – Data to Geotracker  | <u>\$ 904.00</u>  | Semi-Annual cost X 2 = <u>\$1,928.00</u> |
|  |                   | ANNUAL TASK TOTAL = <u>\$23,557.00</u>   |
| Extra Services   |                   | = <u>\$20,000.00</u>                     |
|  |                   | MAXIMUM BASE FEE = <u>\$43,557.00</u>    |

(1) Estimated cost derived from actual 2006 costs at Blue Hills Disposal Facility. Cost adjusted from quarterly monitoring to Semi-Annual monitoring.

## **PHOTOS**

**1 - Panoramic View of Facility**

**2 - View of Groundwater Monitoring Wells**

Photo 1:



Panorama photo of the facility looking north.

## Blue Hills Disposal Facility



**Photo 2:** View of Facility's Groundwater Monitoring Wells Area

## **DRAWINGS**

- 1 - Final Grading and Drainage Plan**
- 2 - Site Plan with Aerial and Well Survey Information**
- 3 - Site Plan Including Surrounding 2,000 Feet Area**