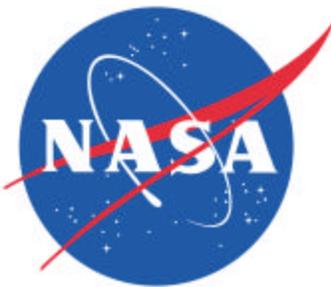


# GROUNDWATER MONITORING REPORT

OCTOBER 2001

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION

JET PROPULSION LABORATORY  
PASADENA, CALIFORNIA



**Contract No. N68711-98-D-5537, D.O. No. 0012-07**

**Naval Facilities Engineering Command**  
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Project No. 00HW019

Version: Final  
January 18, 2002



**GROUNDWATER  
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**NATIONAL AERONAUTICS AND SPACE ADMINISTRATION  
JET PROPULSION LABORATORY  
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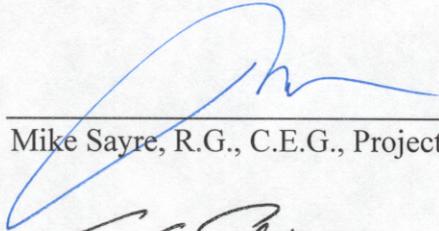
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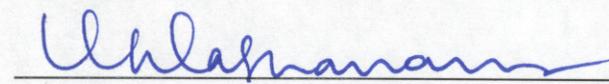
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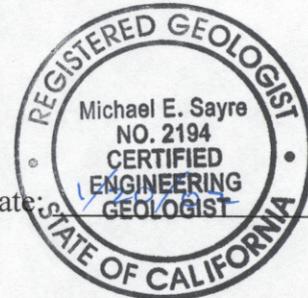
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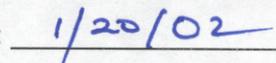
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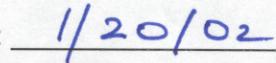
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## ACRONYMS/ABBREVIATIONS

|                               |   |
|-------------------------------|---|
| 1,1-DCA                       | 1,1-Dichloroethane  |
| 1,2-DCA                       | 1,2-Dichloroethane  |
| 1,1-DCE                       | 1,1-Dichloroethene  |
| APCL                          | Applied Physics and Chemistry Laboratory                              |
| ASTM                          | American Society for Testing and Materials                            |
| CCl <sub>4</sub>              | Carbon Tetrachloride  |
| CERCLA                        | Comprehensive Environmental Response, Compensation, and Liability Act |
| ClO <sub>4</sub> <sup>-</sup> | Perchlorate   |
| Cr                            | Chromium  |
| Cr(VI)                        | Hexavalent Chromium   |
| DQOs                          | Data Quality Objectives   |
| DTSC                          | Department of Toxic Substance Control                                 |
| EPA                           | Environmental Protection Agency                                       |
| gpm                           | Gallons per minute  |
| IAL                           | Interim Action Level  |
| JPL                           | Jet Propulsion Laboratory   |
| LDC                           | Laboratory Data Consultants, Inc.                                     |
| MCL                           | Maximum Contaminant Level   |
| µg/L                          | Micrograms per Liter  |
| mg/L                          | Milligrams per Liter  |
| mL                            | Milliliter  |
| MS                            | Matrix Spikes   |
| MSD                           | Matrix Spike Duplicates   |
| MW                            | Monitoring Well   |
| NASA                          | National Aeronautics and Space Administration                         |
| OU                            | Operable Unit   |
| PCE                           | Tetrachloroethene   |
| QA/QC                         | Quality Assurance/Quality Control                                     |
| QAPP                          | Quality Assurance Project Plan  |
| RWQCB                         | California Regional Water Quality Control Board                       |
| SOTA                          | SOTA Environmental Technology, Inc.                                   |
| TCE                           | Trichloroethene   |
| USEPA                         | United States Environmental Protection Agency                         |
| VOC                           | Volatile Organic Compound   |
| Westbay                       | Westbay Instruments, Inc.   |