

## LIST OF TABLES

<u>TABLE</u>	<u>PAGE</u>
ES-1 Summary of Excess Cancer Risks by Exposure Scenario for Current Land Use . . . . .	ES-7
ES-2 Summary of Excess Cancer Risks by Exposure Scenario for Future Land Use . . . . .	ES-8
ES-3 Summary of Non-Carcinogenic Effects by Exposure Scenario for Current Land Use . . . . .	ES-11
ES-4 Summary of Non-Carcinogenic Effects by Exposure Scenario for Future Land Use . . . . .	ES-13
1.3-1 Waste Disposal Quantities . . . . .	1-17
1.3-2 Types of Liquid Waste Disposed of at the Palos Verdes Landfill (1972 - 1980) . . . . .	1-18
1.3-3 Gas Well Details . . . . .	1-34
1.3-4 Spacing and Depths of Existing Boundary Probes . . . . .	1-48
1.3-5 Comparison of Wastewater Discharge Requirements and Water Quality Results for the Effluent at Sampling Point P4 . . . . .	1-56
1.3-6 Condensate Extraction Rates for Gas Wells With Dedicated Pumps for 1994 . . . . .	1-58
1.3-7 Comparison of Wastewater Discharge Requirements and Water Quality Results for the Effluent at Sampling Point SB3 . . . . .	1-59
2.1-1 Criteria for Sampling Area Selection . . . . .	2-27
2.1-2 Ground Water Monitoring Parameters and Sampling Frequency . . . . .	2-58
2.2-1 List of Information on Geologic Logs . . . . .	2-77
2.2-2 Boreholes Converted to Monitoring Wells During the Downgradient and Upgradient Hydrogeologic Field Program . . . . .	2-99
2.2-3 Boreholes Converted to Monitoring Wells During the Additional Downgradient Hydrogeologic Field Program . . . . .	2-103
2.2-4 Specifications for Sampler Components During Ambient Air Sampling With Tedlar Bags . . . . .	2-108
2.2-5 Specifications for Permanent Weather Station Components . . . . .	2-110
2.2-6 Specifications for Sampler Components During Ambient Air Sampling With Stainless Steel Canisters . . . . .	2-112
2.2-7 Specifications for Temporary Weather Station Components . . . . .	2-114
2.2-8 Specifications for Integrated Surface Gas Sampler Components . . . . .	2-116
2.3-1 Analyses and Analytical Methods for TACs in Air and Gas Samples . . . . .	2-134
2.3-2 Volatile Organic Compounds Analyzed With EPA Method TO-14 . . . . .	2-135
2.3-3 Analyses and Analytical Methods for Soil/Sediment Samples . . . . .	2-137
2.3-4 Analyses and Analytical Methods for Surface Water, First Water in Boring, and First Monitoring Well Water Samples . . . . .	2-139
2.3-5 Analyses and Analytical Methods for Ongoing Monitoring Well Water Samples . . . . .	2-140
2.3-6 Analyses and Analytical Methods for Lysimeter Water Samples . . . . .	2-143
2.5-1 Sample Containers and Preservation for Water Samples . . . . .	2-156
2.5-2 Standard Decontamination Procedures . . . . .	2-162

**LIST OF TABLES (CONTINUED)**

<u>TABLE</u>	<u>PAGE</u>
3.1-1 Wind Speeds and Directions During the Original Ambient Air Sampling Program . . .	3-6
3.1-2 Percentage of Time Monitoring Locations Were Upwind During Original Ambient Air Sampling Program . . . . .	3-9
3.1-3 Average Wind Speeds During Integrated Surface Gas Monitoring . . . . .	3-12
3.1-4 Wind Speeds and Directions During the Additional Ambient Air Sampling Program . . . . .	3-17
3.1-5 Percentage of Time Sampling Locations Were Upwind During the Additional Ambient Air Sampling Program . . . . .	3-18
3.1-6 Summary of Analytical Results for the Original Ambient Air Sampling Program . . .	3-21
3.1-7 Summary of Analytical Results for the Additional Ambient Air Sampling Program . .	3-24
3.1-8 Comparison of PVLf Original Ambient Air Sampling Results to SCAQMD Ambient Air Monitoring Results . . . . .	3-28
3.1-9 Comparison of PVLf Additional Ambient Air Sampling Results to SCAQMD Ambient Air Monitoring Results . . . . .	3-31
3.1-10 Statistical Analysis Summary of Original Ambient Air Sampling Program Results for Methylene Chloride . . . . .	3-34
3.1-11 Parametric Comparative Statistical Analysis Summary of Original Ambient Air Sampling Program Results for Methylene Chloride . . . . .	3-35
3.1-12 Nonparametric Comparative Statistical Analysis Summary of Original Ambient Air Sampling Program Results for Methylene Chloride . . . . .	3-36
3.1-13 Summary of Statistical Comparison Using Wilcoxon Test for Additional Ambient Air Sampling Program Results . . . . .	3-38
3.1-14 Detection and Reporting Limits for Original and Additional Ambient Air Sampling Programs . . . . .	3-62
3.1-15 Landfill Gas Flow Rates and Average Long Term Concentrations of Selected TACs . . . . .	3-71
3.1-16 Estimated Emissions at the PVLf in Ambient Air and MDLs and PQLs for Selected TACs . . . . .	3-73
3.1-17 Statistical Analysis Results for Number of Samples Required to Differentiate Benzene Emissions from Background Levels . . . . .	3-75
3.1-18 Parameters for Gas Well Computer Modeling . . . . .	3-79
3.1-19 Summary of Analytical Results for Integrated Surface Gas Monitoring . . . . .	3-90
3.1-20 Comparison of TOC Results for Selected Integrated Surface Gas Routes at the South Coast Botanic Garden Before and After the Installation of Additional Gas Wells . . .	3-95
3.1-22 Summary of Analytical Results for Boundary Probe Monitoring . . . . .	3-98
3.1-23 Statistical Analysis Summary Comparing Boundary Probe and Header 1 (Gas Migration Control Headerline) Landfill Gas Results . . . . .	3-102
3.1-24 Statistical Analysis Summary Comparing Boundary Probe and Header 2 (Gas Collection Headerline) Landfill Gas Results . . . . .	3-103
3.1-25 Summary of Results for Neighborhood Meter Box Monitoring . . . . .	3-105

**LIST OF TABLES (CONTINUED)**

<u>TABLE</u>	<u>PAGE</u>
3.1-26 Analytical Results for Surface Flux Chamber Sampling .....	3-107
3.1-27 Comparison of Percent Non-Detected Values in Background and Study Area Surface Flux Chamber Monitoring Results .....	3-120
3.1-28 Detailed Comparison of Percent Non-Detected Values in Background and Study Area Surface Flux Chamber Monitoring Results .....	3-121
3.1-29 Analytical Results for Benzene and Tetrachloroethylene from Surface Flux Chamber Sampling .....	3-124
3.1-30 Comparison of Surface Flux Chamber and SCAQMD Air Monitoring Results ....	3-128
3.1-31 Summary of Analytical Results for Original Landfill Gas Sampling Program .....	3-130
3.1-32 Summary of Analytical Results for Additional Landfill Gas Sampling Program ....	3-134
3.1-33 Statistical Analysis Summary of Original Landfill Gas Sampling Program Results ..	3-138
3.1-34 Statistical Analysis Summary Comparing Header 1 and Header 2 Original Landfill Gas Sampling Program Results .....	3-139
3.1-35 Summary of Results for the Original and Additional Landfill Gas Sampling Programs .....	3-141
3.1-36 Detection and Reporting Limits for the Original and Additional Landfill Gas Sampling Programs .....	3-142
3.1-37 Boundary Probes with No Methane Detections .....	3-150
3.1-38 Boundary Probes with Methane Detections .....	3-152
3.1-39 BS Series Probes with Methane Detections .....	3-154
3.1-40 BC Series Probes with Methane Detections .....	3-157
3.1-41 MN Series Probes with Methane Detections .....	3-160
3.1-42 MC Series Probes with Methane Detections .....	3-171
3.1-43 MS Series Probes with Methane Detections .....	3-180
3.1-44 Corrective Actions Taken to Clear Boundary Probes - Increase Gas Well Flow Rate .....	3-184
3.1-45 Corrective Actions Taken to Clear Boundary Probes - Gas Well De-Watering ....	3-185
3.2-1 Total Runoff Water Sample Constituents With No Results or with Censored Data .	3-191
3.2-2 Background and Down-Canyon Total Runoff Water Sample Results .....	3-192
3.2-3 Ranges for Total Runoff Water Sample Results by Sampling Location .....	3-196
3.2-4 Comparison of the Background and Down-Canyon Statistical Analyses for the Total Runoff Samples .....	3-205
3.2-5 Wilcoxon Test Results for the Total Runoff Water Samples .....	3-218
3.2-6 Hazardous Waste and Drinking Water Standards .....	3-229
3.2-7 Maximum Concentrations and Regulatory Standards for Constituents in Total Runoff Water Samples .....	3-230
3.2-8 Background and Down-Canyon Surface Water Sample Results (Filtered Samples) .	3-236
3.2-9 Ranges for Surface Water Sample Results by Sampling Location (Filtered Samples) .....	3-239

**LIST OF TABLES (CONTINUED)**

<u>TABLE</u>	<u>PAGE</u>
3.2-10 Comparison of the Background and Down-Canyon Statistical Analyses for the Surface Water Samples .....	3-244
3.2-11 Wilcoxon Test Results for the Surface Water Samples .....	3-251
3.2-12 Maximum Concentrations and Regulatory Standards for Constituents in Surface Water Samples .....	3-260
3.2-13 Results of Storm Drain Volatile Organic Vapor Survey .....	3-265
3.2-14 Results of Storm Drain Water Quality Field Tests .....	3-267
3.2-15 Statistical Analyses for Storm Drain Water Samples .....	3-268
3.2-16 Soil Cover Sample Constituents with No Results or with Censored Data .....	3-271
3.2-17 Overall Ranges for the Soil Cover Sample Results .....	3-275
3.2-18 Statistical Analysis for the Soil Cover Data .....	3-278
3.2-19 Comparison of the Soil Cover Sample Metals Results to Typical Ranges in Common Soils .....	3-281
3.2-20 Comparison of the Asphalt Sample Results to the Soil Cover Sample Results from the Third Bench Area .....	3-283
3.2-21 Results of Lake and Stream Channel Water Quality Field Tests .....	3-288
3.2-22 Statistical Analyses for the Lake and Stream Channel Water Sample Data .....	3-289
3.2-23 Statistical Analyses for the Lake and Stream Channel Sediment Sample Data .....	3-292
3.2-24 Rational Method Total Runoff Data .....	3-300
3.2-25 Drainage Structure Capacity Data .....	3-302
3.2-26 Runoff and Drainage Control Capacity .....	3-305
3.2-27 Summary of Undersized Drainage Structures .....	3-307
3.3-1 Summary of Results from the Downgradient Hydrogeologic Investigation .....	3-318
3.3-2 Summary of Results from the Upgradient Hydrogeologic Investigation .....	3-320
3.3-3 Paleontological Age Dating of Selected Core Samples .....	3-323
3.3-4 Summary of Results from the Additional Downgradient Hydrogeologic Investigation .....	3-349
3.3-5 Summary of the Physical Testing Data - Additional Downgradient Hydrogeologic Investigation .....	3-350
3.3-6 Geologic Time Scale and Regional Time Stratigraphic Units .....	3-361
3.3-7 Generalized Stratigraphic Sequence Within the Study Area .....	3-363
3.3-8 Altamira Shale Member of the Monterey Formation Encountered .....	3-367
3.3-9 Valmonte Diatomite Member of the Monterey Formation Encountered .....	3-369
3.3-10 Malaga Mudstone Member of the Monterey Formation Encountered .....	3-370
3.3-11 Quaternary Undifferentiated Sands Encountered .....	3-373
3.3-12 Recent Alluvium and Colluvium Encountered .....	3-375
3.3-13 Oil Wells Drilled Within the Study Area .....	3-401
3.3-14 West Coast Basin Ground Water Supply Wells Used in the Geologic and Ground Water Flow Models .....	3-403
3.3-15 Geologic Modeling Units Developed from Observed Geologic Units .....	3-409
3.4-1 Hydraulic Conductivity Data From Previous Investigations .....	3-457

**LIST OF TABLES (CONTINUED)**

<u>TABLE</u>	<u>PAGE</u>
3.4-2 Summary of Results of Laboratory Permeability Testing .....	3-459
3.4-3 Summary of Results of Packer Testing - Downgradient Investigation .....	3-461
3.4-4 Summary of Results of Packer Testing - Upgradient Investigation .....	3-462
3.4-5 Summary of Aquifer Test Analyses .....	3-463
3.4-6 Step-Drawdown Test Parameters .....	3-480
3.4-7 Specific Capacity Results from Step-Drawdown Tests .....	3-481
3.4-8 Slug Test Setup Parameters .....	3-487
3.4-9 Transmissivity and Storativity Results Using the Cooper, Bredehoeft, Papadopolous Method of Analysis .....	3-488
3.4-10 Comparison of Hydraulic Conductivity Results from Different Methods of Analysis	3-489
3.4-11 PVLf Ground Water Monitoring Well Information .....	3-499
3.4-12 Information on Water Wells in Study Area Outside of the PVLf .....	3-502
3.4-13 Fracture Classification Criteria .....	3-511
3.4-14 Ground Water Occurrence in Wells Installed During the Remedial Investigations .	3-514
3.4-15 January 1994 Ground Water Elevations for PVLf Area Wells .....	3-522
3.4-16 Hydrogeologic Model Codes Evaluated for Use at the PVLf .....	3-528
3.4-17 Reduced Data Set for Hydraulic Conductivity .....	3-530
3.4-18 Initial Hydraulic Conductivity Values Used in MODFLOW .....	3-533
3.4-19 Comparison Between MODFLOW and Analytical Solutions for Test Case .....	3-538
3.4-20 Comparison Between Ground water Elevations from MODFLOW and Field Observations .....	3-554
3.5-1 Background and Down-Canyon Subsurface Soil Sample Results .....	3-580
3.5-2 Comparison of Percent Non-Detected Values in Background and Down-canyon Subsurface Soil Samples .....	3-585
3.5-3 Wilcoxon Rank Sum Test Results for Subsurface Soil Samples .....	3-596
3.6-1 Summary of Monitoring Well Information .....	3-602
3.6-2 General Water Quality Parameter Results in Downgradient and Upgradient Monitoring Wells .....	3-611
3.6-3 Total Metals Concentration Results in Downgradient and Upgradient Monitoring Wells .....	3-647
3.6-4 Dissolved Metals Concentration Results in Downgradient and Upgradient Monitoring Wells .....	3-664
3.6-5 VOC Concentration Results in Downgradient and Upgradient Monitoring Wells ..	3-684
3.6-6 VOC Prevalences in Downgradient Monitoring Wells .....	3-721
3.6-7 Comparison of Mean Values for Water Quality Parameters in Selected Upgradient Monitoring Wells Screened in the Altamira Shale .....	3-733
3.6-8 1984 Soil Equilibrium Study Results .....	3-735
3.6-9 Mineral Leaching Study Results .....	3-736
3.6-10 Ranges of Background Water Quality Conditions .....	3-738
3.6-11 Wilcoxon Rank-Sum Test Results for General Water Quality Parameters .....	3-740

**LIST OF TABLES (CONTINUED)**

<u>TABLE</u>	<u>PAGE</u>
3.6-12 Wilcoxon Rank-Sum Test Results for Metals .....	3-744
3.6-13 General Water Quality Parameter Trend Analysis Results for Downgradient Monitoring Wells .....	3-748
3.6-14 Metals Trend Analysis Results for Downgradient Monitoring Wells .....	3-754
3.6-15 VOC Trend Analysis Results in Downgradient Monitoring Wells .....	3-763
3.6-16 Average VOC Concentrations Upgradient and Downgradient of the Subsurface Barrier .....	3-766
3.6-17 Semi-VOC Prevalences and Ranges in Upgradient and Downgradient Monitoring Wells .....	3-776
3.6-18 Upgradient Dioxin and Furan Sample Results .....	3-781
3.6-19 Downgradient Dioxin and Furan Sample Results .....	3-782
3.6-20 Dioxin and Furan Sample Results in Downgradient and Upgradient Monitoring Locations .....	3-784
3.6-21 Statistical Analyses for the Down-Canyon Dioxin and Furan Sample Results .....	3-809
3.6-22 Gross Alpha and Gross Beta Radioactivity Concentration Results by Monitoring Location .....	3-813
3.6-23 Specific Radionuclide Concentration Results .....	3-817
3.6-24 Specific Radionuclide Concentration Results by Monitoring Location .....	3-819
3.6-25 Wilcoxon Rank Sum Test Results and Trend Analysis for Gross Alpha and Gross Beta Parameters .....	3-829
3.6-26 Wilcoxon Rank Sum Test Results for Specific Radionuclide Parameters .....	3-833
5.4-1 Concentrations in Disposal Zones From Model Calibration .....	5-10
5.5-1 Transport Model Parameters .....	5-14
5.5-2 List of Compounds and Their Half-Life, Partition Coefficient ( $K_{oc}$ ), and Distribution Coefficient ( $K_d$ ) .....	5-16
5.7-1 Partition Coefficient ( $K_{oc}$ ) and Distribution Coefficient ( $K_d$ ) .....	5-23
5.7-2 Statistics of Chemical Transport Simulation .....	5-29
5.10-1 Maximum Concentration at Potential Receptors .....	5-54
5.11-1 Flow and Chemical Transport Model Sensitivity Analyses .....	5-56
5.11-2 Hydraulic Conductivity Data for the PVLf Area .....	5-63
5.11-3 Comparison of Hydraulic Conductivity Values from New Wells to Previous Values ..	5-67
6.1-1 Summary of Chemicals Detected in On Site and Downgradient Ground Water Monitoring Wells Near Hawthorne Boulevard (1986-1992) .....	6-8
6.1-2 Summary of Chemicals Detected in On Site and Downgradient Ground Water Monitoring Wells Near Crenshaw Boulevard (1986-1992) .....	6-10
6.1-3 Summary of Chemicals in On Site and Downgradient Ground Water Monitoring Wells for 1986-1994 and 1992-1994 .....	6-12

**LIST OF TABLES (CONTINUED)**

<u>TABLE</u>	<u>PAGE</u>
6.1-4 Summary of Chemicals Detected in Background Ground Water Monitoring Wells (1986-1992) .....	6-14
6.1-5 VOCs in Landfill Gas from Header 2 (Gas Collection Headerline) .....	6-18
6.1-6 Overall Ranges for the Soil Cover Sample Results .....	6-26
6.1-7 Comparison of Metals Concentrations in PVLf Soil Cover Samples to California Soils Background Concentrations .....	6-28
6.1-8 Comparison of Metals Concentrations in PVLf Soil Cover to Background Concentrations Near the PVLf .....	6-30
6.1-9 Summary of PAHs in Surface Cover Soil Samples .....	6-31
6.1-10 Summary of Exposure Pathway Analysis .....	6-44
6.1-11 Calculation of Exposure Point Concentrations at Receptor Wells 2 and 5 .....	6-55
6.1-12 Calculation of Exposure Point Concentrations for Vapor in Outdoor Air .....	6-60
6.1-13 Modeled Landfill Gas Emissions and Monitoring Data for Chemicals in Ambient Air .....	6-71
6.1-14 Summary of Exposure Assumptions and Parameters .....	6-74
6.1-15 Ground Water Pathway Intakes for the Adult Off Site Resident Using Receptor Well 2 - Future RME Case .....	6-80
6.1-16 Ground Water Pathway Intakes for the Child Off Site Resident Using Receptor Well 2 - Future RME Case .....	6-82
6.1-17 Ground Water Pathway Intakes for the Adult Off Site Resident Using Receptor Well 5 - Future RME Case .....	6-84
6.1-18 Ground Water Pathway Intakes for the Child Off Site Resident Using Receptor Well 5 - Future RME Case .....	6-86
6.1-19 Ground Water Pathway Intakes for the Adult Off Site Resident Using Receptor Well 2 - Future Average Exposure Case .....	6-88
6.1-20 Ground Water Pathway Intakes for the Child Off Site Resident Using Receptor Well 2 - Future Average Exposure Case .....	6-90
6.1-21 Ground Water Pathway Intakes for the Adult Off Site Resident Using Receptor Well 5 - Future Average Exposure Case .....	6-92
6.1-22 Ground Water Pathway Intakes for the Child Off Site Resident Using Receptor Well 5 - Future Average Exposure Case .....	6-94
6.1-23 Dermal Permeability Constants .....	6-97
6.1-24 Direct Soil Contact Pathway Intakes for On Site Workers and Recreational Visitors - Current and Future RME Cases .....	6-101
6.1-25 Direct Soil Contact Pathway Intakes for On Site Workers and Recreational Visitors - Current and Future Average Cases .....	6-103
6.1-26 Outdoor Air Dust Inhalation Pathway Intakes for the Off Site Residents, On Site Workers, and Recreational Visitors - Current and Future RME Cases .....	6-108
6.1-27 Outdoor Air Dust Inhalation Pathway Intakes for Off Site Residents, On Site Workers, and Recreational Visitors - Current and Future Average Exposure Cases .....	6-110

**LIST OF TABLES (CONTINUED)**

<u>TABLE</u>	<u>PAGE</u>
6.1-28 Toxicity Constants for Chemicals in the Ground Water Pathways . . . . .	6-115
6.1-29 Toxicity Constants for the Direct Contact and Dust Inhalation Pathways . . . . .	6-117
6.1-30 Summary of Excess Cancer Risks by Exposure Scenario for Current Land Use . . . . .	6-128
6.1-31 Summary of Excess Cancer Risks by Exposure Scenario for Future Land Use . . . . .	6-129
6.1-32 Summary of Non-Carcinogenic Effects by Exposure Scenario for Current Land Use . . . . .	6-130
6.1-33 Summary of Non-Carcinogenic Effects by Exposure Scenario for Future Land Use . . . . .	6-132
6.1-34 Outdoor Air Dust Inhalation Pathway Lifetime Excess Cancer Risk for the Off Site Resident, On Site Worker, and Recreational Visitor - Current and Future RME Cases . . . . .	6-138
6.1-35 Outdoor Air Vapor Inhalation Pathway Lifetime Excess Cancer Risk for the Off Site Resident, On Site Worker, and Recreational Visitor - Current and Future RME Cases . . . . .	6-139
6.1-36 Outdoor Air Dust Inhalation Pathway Lifetime Excess Cancer Risk for the Off Site Resident, On Site Worker, and Recreational Visitor - Current and Future Average Exposure Cases . . . . .	6-140
6.1-37 Outdoor Air Vapor Inhalation Pathway Lifetime Excess Cancer Risk for the Off Site Resident, On Site Worker, and Recreational Visitor - Current and Future Average Exposure Cases . . . . .	6-141
6.1-38 Outdoor Air Dust Inhalation Pathway Hazard Quotients for the Off Site Resident, On Site Worker, and Recreational Visitor - Current and Future RME Cases . . . . .	6-142
6.1-39 Outdoor Air Vapor Inhalation Pathway Hazard Quotients for the Off Site Resident, On Site Worker, and Recreational Visitor - Current and Future RME Cases . . . . .	6-143
6.1-40 Outdoor Air Dust Inhalation Pathway Hazard Quotients for the Off Site Resident, On Site Worker, and Recreational Visitor - Current and Future Average Exposure Cases . . . . .	6-145
6.1-41 Outdoor Air Vapor Inhalation Pathway Hazard Quotients for the Off Site Resident, On Site Worker, and Recreational Visitor - Current and Future Average Exposure Cases . . . . .	6-146
6.1-42 Risk Percent by Chemical for the Outdoor Air Vapor Inhalation Pathway - Current Off Site Resident . . . . .	6-148
6.1-43 Direct Soil Contact Pathway Lifetime Excess Cancer Risk for the On Site Worker and Recreational Visitor -Current and Future RME Cases . . . . .	6-152
6.1-44 Direct Soil Contact Pathway Lifetime Excess Cancer Risk for the On Site Worker and Recreational Visitor - Current and Future Average Exposure Cases . . . . .	6-153
6.1-45 Direct Soil Contact Pathway Hazard Quotients of the On Site Worker and Recreational Visitor - Current and Future RME Cases . . . . .	6-154
6.1-46 Direct Soil Contact Pathway Hazard Quotients for the On Site Worker and Recreational Visitor - Current and Future Average Exposure Cases . . . . .	6-155



LIST OF TABLES (CONTINUED)

<u>TABLE</u>	<u>PAGE</u>
6.1-47 Ground Water Pathway Lifetime Excess Cancer Risk and Hazard Quotients for the Adult Off Site Resident Using Receptor Well 2 - Future RME Case . . . . .	6-160
6.1-48 Ground Water Pathway Lifetime Excess Cancer Risk and Hazard Quotients for the Adult Off Site Resident Using Receptor Well 5 - Future RME Case . . . . .	6-162
6.1-49 Ground Water Pathway Lifetime Excess Cancer Risk and Hazrd Quotients for the Adult Off Site Resident Using Receptor Well 2 - Future Average Exposure Case . . . . .	6-164
6.1-50 Ground Water Pathway Lifetime Excess Cancer Risk and Hazard Quotients for the Adult Off Site Resident Using Receptor Well 5 - Future Average Exposure Case . . . . .	6-166
6.1-51 Ground Water Pathway Hazard Quotients for the Child Off Site Resident Using Receptor Well 2 - Future RME Case . . . . .	6-168
6.1-52 Ground Water Pathway Hazard Quotients for the Child Off Site Resident Using Receptor Well 5 - Future RME Case . . . . .	6-170
6.1-53 Ground Water Pathway Hazard Quotients for the Child Off Site Resident Using Receptor Well 2 - Future Average Exposure Case . . . . .	6-172
6.1-54 Ground Water Pathway Hazard Quotients for the Child Off Site Resident Using Receptor Well 5 - Future Average Exposure Case . . . . .	6-174