APPENDIX 1.4
SCS Engineers Personnel Matrix

Mission Bay Landfill Site Assessment
SCS Personnel Matrix

Name	Years of experience	Qualifications	Responsibilities
Mark Beizer	36	B.S., Engineering; Professional Engineer, Civil Engineering - California (No. C 22879)	Principal in charge. Reviewed workplan and report documents.
Jay Jones	22	Ph.D., Geological Engineering (Minor in Hydrology), M.S., Geosciences (Geophysics); B.S.,Geological Sciences (Geology and Geophysics); California Professional Geologist, PG 4106 (1986)	Proposal preparation and presentation; design and oversight of draft workplan preparation; attended TAC meetings during draft workplan development; attended most of the technical subcommittee fieldwork phase meetings; reviewed initial field results; oversight of interpretation of hydrogeological data; contributed to report.
Robert Gutzler	27	J.D., Law; Ph.D., Geology; B.S., Geology; CA Professional Geologist PG 5571 (1993,); State Bar of California (1996); Hazardous Materials Management Certificate (1989); 40-hour OSHA Hazwoper with Annual Updates	Reviewed historical maps, aerial and other photographs; compiled historical sections of workplan; attended TAC meetings during workplan phase, including presentation of photographic and historical data.
Tessa McRae	19	Ph.D., Geology; M.S., Environmental Science; B.Sc., Honors, Geological Sciences; California Professional Geologist PG 6582 (1996); 40-hour OSHA Hazwoper with Annual Updates	Reviewed workplan; attended TAC meetings during Fieldwork, Risk Assessment and Report phases of work; attended technical subcommittee meetings during Fieldwork phase; field oversight of drilling and sampling; reviewed results;
Ray Huff	14	M.B.A., Information Systems Emphasis; B.A., Philosophy (Minor in Geology); Registered Environmental Assessor - California, (No. 06857); OSHA 40-Hour Health and Safety Training for Hazardous Waste Workers; OSHA 8-Hour Hazardous Waste Supervisor Training	Design of landfill gas sampling, prepared sections of workplan, oversight of LFG fieldwork.
Pat Sullivan	17	B.A., Biology and Ecology; State of California, Registered Environmental Assessor (No. 05952); South Coast Air Quality Management District, Certified Permitting Professional (No. A-1716); OSHA 40-Hour Health and Safety Training for Hazardous Waste Workers; AHERA Certification for Asbestos Inspector, Management Planner, Contractor/Supervisor, and Project Designer	Presentation to TAC, review of workplan, oversight of landfill gas sampling and risk assessment.
Paul Damian	21	Ph.D., Toxicology and Pharmacology; Diplomate, American Board of Toxicology (DABT), 1997 (Recertified 2003); MPH (Master of Public Health), Environmental Health; B.S., Natural Resources	Made presentations to the TAC re scope of HRA and ERA, conducted HRA and ERA, and wrote HRA and ERA.
Keith Etchells	7	B.S., Environmental Geology; CA Professional Geologist PG 8028 (2005); OSHA Site Supervisor trained; 40-hour OSHA Hazwoper Training with Annual 8-hour Refresher Courses	Reviewed previous groundwater data; compiled in table; prepared workplan; conducted tidal study and stratification study; installed two soil borings and four wells; conducted groundwater and drive point sampling; prepared report.
Karen Stackpole	12	M.S., Environmental Education and Science; B.S., Biology; OSHA 40-hour Health and Safety Certified; Former Licensed Asbestos Inspector (Connecticut)	Reviewed previous soil, sediment and soil vapor data; compiled in table; prepared workplan; arranged Park access agreements; coordination of geophysical and biological surveys; conducted landfill gas, surface soil and sediment sampling; installed most of soil borings.
Christina Solstad	25	B.A. Biochemistry; Certificate in Copyediting (1997)	Reviewed documents for relevant data; produced annotated bibliography; prepared regulatory history; compiled historical data in master table; technical editing of workplan, addenda, and report.