Table of Information on Groundwater Monitoring Wells

Mission Bay Landfill Monitoring Well Network

Consultant	Well Designation	Casing Diameter (inches)	Top of screened interval (feet below grade)	Total depth (feet)	Pump Intake Depth (ft bTOC)	Approx. Halocline Depth (ft bTOC)	DTW	Tidal Survey	Date of installation	Well status	Comments on well	Number of Sampling Events
LANDFILL												
WWC	10	2	25.00	35.00	32.00	not observed to 30'	20.15	datalogger	9/26/1983	Being sampled	Stickup	51
N & M	MBW-1	4	6.00	26.00	23.00	gradual 20-24	17.48	datalogger	10/28/1993	Being sampled		44
N & M	MBW-2	4	6.00	26.00	23.00	gradual 19-25	15.40	datalogger	10/29/1993	Being sampled		43
N & M	MBW-3	4	5.00	25.00	22.00	20-23	16.85	datalogger	11/3/1993	Being sampled		41
N & M	MBW-5	4	15.00	35.00	32.00	29-30	24.59	datalogger	10/1/1993	Being sampled		41
City of SD	MBW-7		3.50	18.50	15.50	gradual 8-12	4.60	manual	1993	Being sampled	Replaced Well 1 in 1993, Well 1 was overdrilled and reinstalled as MBW-7	38
N & M	MBE-4	4	5.00	25.00	22.00	15-20	11.58	datalogger	12/2/1996	Being sampled	Replacement installed 10 feet east of previous MBW-4	33
N & M	MBE-6	4	5.00	25.00	22.00	20.00	14.18	datalogger	12/2/1996	Being sampled	Replacement installed 10 feet west of previous MBW-6	28
SCS	SCS1	4	10.00	35.00	29.50	26-29	18.72	datalogger	9/13/2004	Sampled by SCS	Stickup	1
SCS	SCS2	4	12.00	36.00	33.50	gradual 30-33	25.20	datalogger	9/14/2004	Sampled by SCS	Stickup	1
SCS	SCS3	4	13.00	31.00	25.75	20-23	16.35	datalogger	9/13/2004	Sampled by SCS	Stickup	1
SCS	SCS4	4	10.00	31.00	26.50	24-27	20.06	datalogger	9/14/2004	Sampled by SCS	Stickup	1

WWC Woodward Clyde
N & M Ninyo and Moore
City of SD City of San Diego

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.