



CSS ENVIRONMENTAL SERVICES, INC.
 Managing Cost, Scope and Schedule
 100 Galli Drive, Suite 1
 Novato, CA 94949
 Telephone: (415) 883-6203
 Facsimile: (415) 883-6204

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 10:15 am, Apr 16, 2008
 Alameda County
 Environmental Health

Site Positions

CSS PROJECT 6469 - PES Environmental
 6400 Christie Ave., Emeryville, CA

Horizontal Coordinate System: North American 1983-CONUS Survey Date: 04/25-04/27/07
 Height System: North American Vertical Datum 1988-Ortho. Ht. (GEOID03)
 Project file: 6469 PES Emeryville.spr
 Desired Horizontal Accuracy: 0.200Ft + 1ppm
 Desired Vertical Accuracy: 0.200Ft + 2ppm
 Confidence Level: 95% Err.
 Linear Units of Measure: Int. Feet

Site ID	Site Descriptor	Position	95% Error	Fix Status	Position Status
A 3814	MONUMENT AA3814	Lat. 37° 44' 59.75783" N	0.000	Fixed	Adjusted
		Lon. 122° 12' 18.11826" W	0.000	Fixed	
		Elv. 11.600	0.000	Fixed	
B 0882	MONUMENT HT0882	Lat. 37° 46' 48.04137" N	0.000	Fixed	Adjusted
		Lon. 122° 17' 53.51060" W	0.000	Fixed	
		Elv. 9.130	0.000	Fixed	
C TBMX	PIN SET ON SW CURB	Lat. 37° 50' 37.76758" N	0.167		Adjusted
		Lon. 122° 17' 44.10319" W	0.203		
		Elv. 17.45	0.666		
D TBMX	PIN SET IN ALLEY	Lat. 37° 50' 44.08295" N	0.480		Adjusted
		Lon. 122° 17' 42.23101" W	0.430		
		Elv. 18.25			
E TBMZ	PIN SET @ N ALLEY EXIT	Lat. 37° 50' 45.78255" N	0.211		Adjusted
		Lon. 122° 17' 42.65148" W	0.215		
		Elv. 15.19			
F CV71	EXT. PIN FOUND IN ALLEY	Lat. 37° 50' 42.74194" N	0.585		Adjusted
		Lon. 122° 17' 41.87774" W	0.592		
		Elv. 17.69			
1 MW-3	TBM-A ON N RIM	Lat. 37° 50' 37.81235" N	0.168		Adjusted
	TBM-A ON N RIM	Lon. 122° 17' 43.45740" W	0.205		
	N TOC	Elv. 16.89			
	N TOC	Elv. 16.65			
2 MW-4	N RIM	Lat. 37° 50' 39.39685" N	0.192		Adjusted
	N RIM	Lon. 122° 17' 44.67556" W	0.218		
	N RIM	Elv. 16.84			
	N TOC	Elv. 16.29			





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3	MW-5	N RIM	Lat. 37° 50' 42.31472" N	0.171	Adjusted
			Lon. 122° 17' 45.58410" W	0.208	
		N RIM	Elv. 17.28		
		N TOC	Elv. 16.72		
4	MW-6	N RIM	Lat. 37° 50' 45.50829" N	0.173	Adjusted
			Lon. 122° 17' 45.37182" W	0.209	
		N RIM	Elv. 17.32		
		N TOC	Elv. 16.82		
5	MW-17	TBM-B ON N RIM	Lat. 37° 50' 42.98863" N	0.663	Adjusted
			Lon. 122° 17' 41.72776" W	0.624	
		TBM-B ON N RIM	Elv. 18.35		
		N TOC	Elv. 18.17		
6	MW-7	CENTER OF LID	Lat. 37° 50' 43.36193" N	3.280	Adjusted
			Lon. 122° 17' 43.49107" W	3.280	
		N RIM	Elv. 17.99		
		N TOC	Elv. 17.73		
7	MW-8	CENTER OF LID	Lat. 37° 50' 42.89352" N	3.280	Adjusted
			Lon. 122° 17' 43.08854" W	3.280	
		N RIM	Elv. 18.02		
		N TOC	Elv. 17.84		
8	MW-9	CENTER OF LID	Lat. 37° 50' 42.52307" N	3.280	Adjusted
			Lon. 122° 17' 43.36718" W	3.280	
		N RIM	Elv. 17.98		
		N TOC	Elv. 17.84		
9	MW-10	CENTER OF LID	Lat. 37° 50' 43.42963" N	3.280	Adjusted
			Lon. 122° 17' 42.71150" W	3.280	
		N RIM	Elv. 18.02		
		N TOC	Elv. 17.83		

The locations of the following wells, located in the basement garage of the site's structure, were found by conventional survey technique (non-GPS) from established control points above.





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10	MW-11	CENTER OF LID	Lat. 37° 50' 43.92474" N	3.280	Adjusted
			Lon. 122° 17' 43.93684" W	3.280	
		N RIM	Elv. 17.98		
		N TOC	Elv. 17.76		
11	MW-12	CENTER OF LID	Lat. 37° 50' 43.92773" N	3.280	Adjusted
			Lon. 122° 17' 43.13262" W	3.280	
		N RIM	Elv. 17.99		
		N TOC	Elv. 17.83		
12	MW-13	CENTER OF LID	Lat. 37° 50' 44.03795" N	3.280	Adjusted
			Lon. 122° 17' 42.64795" W	3.280	
		N RIM	Elv. 17.88		
		N TOC	Elv. 17.66		
13	MW-14	CENTER OF LID	Lat. 37° 50' 43.37232" N	3.280	Adjusted
			Lon. 122° 17' 42.35831" W	3.280	
		N RIM	Elv. 17.88		
		N TOC	Elv. 17.60		
14	MW-15	CENTER OF LID	Lat. 37° 50' 42.94949" N	3.280	Adjusted
			Lon. 122° 17' 42.55072" W	3.280	
		N RIM	Elv. 17.96		
		N TOC	Elv. 17.80		
15	MW-16	CENTER OF LID	Lat. 37° 50' 42.41554" N	3.280	Adjusted
			Lon. 122° 17' 42.84750" W	3.280	
		N RIM	Elv. 18.01		
		N TOC	Elv. 17.74		
16	MW-18	CENTER OF LID	Lat. 37° 50' 40.32587" N	3.280	Adjusted
			Lon. 122° 17' 42.06414" W	3.280	
		N RIM	Elv. 16.50		
		N TOC	Elv. 16.35		
17	MW-E	CENTER OF LID	Lat. 37° 50' 42.84486" N	3.280	Adjusted
			Lon. 122° 17' 43.62359" W	3.280	
		N RIM	Elv. 17.98		
		N TOC	Elv. 17.47		
18	RW-1	CENTER OF LID	Lat. 37° 50' 42.90237" N	3.280	Adjusted
			Lon. 122° 17' 43.45552" W	3.280	
		N RIM	Elv. 18.05		
		N TOC	Elv. 16.70		





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19	TA-E	CENTER OF LID	Lat. 37° 50' 43.88550" N	3.280	Adjusted
		N RIM	Elv. 17.87		
		N TOC	Elv. 17.20		
20	TA-M	CENTER OF LID	Lat. 37° 50' 43.95667" N	3.280	Adjusted
		N RIM	Elv. 17.92		
		N TOC	Elv. 17.21		
21	TA-W	CENTER OF LID	Lat. 37° 50' 44.03094" N	3.280	Adjusted
		N RIM	Elv. 17.95		
		N TOC	Elv. 17.28		
22	TB-E	CENTER OF LID	Lat. 37° 50' 43.31618" N	3.280	Adjusted
		N RIM	Elv. 17.96		
		N TOC	Elv. 17.24		
23	TB-M	CENTER OF LID	Lat. 37° 50' 43.36652" N	3.280	Adjusted
		N RIM	Elv. 17.97		
		N TOC	Elv. 17.30		
24	TB-W	CENTER OF LID	Lat. 37° 50' 43.40921" N	3.280	Adjusted
		N RIM	Elv. 18.02		
		N TOC	Elv. 17.33		
25	TC-E	CENTER OF LID	Lat. 37° 50' 42.75466" N	3.280	Adjusted
		N RIM	Elv. 17.99		
		N TOC	Elv. 17.07		
26	TC-M	CENTER OF LID	Lat. 37° 50' 42.81906" N	3.280	Adjusted
		N RIM	Elv. 17.99		
		N TOC	Elv. 17.37		
27	TC-W	CENTER OF LID	Lat. 37° 50' 42.87711" N	3.280	Adjusted
		N RIM	Elv. 18.00		
		N TOC	Elv. 17.32		

