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Table D-4
2009/2010 Storm Water Field Data
Lehigh Southwest Cement Company
Cupertino, California

Sample No.:	Sample Location	Date	Time	pH	Temp. (C)	Cond (uS/cm)	Notes/Velocity
SL-1-CR	Upstream creek sample south of Overburden Stockpile (NW corner of facility)	1/12/2010	10:02	7.24	12.5	1,620	Flow rate = 1 mph
		1/18/2010	8:25	7.17	12.4	930	Flow rate = 2.25 mph
SL-2-RD	Upper Quarry Road before Pond 5	1/12/2010	9:40	7.07	11.6	1,450	Flow rate = 2.87 mph
		1/18/2010	8:20	7.36	9.7	787	Flow rate = 7.5 mph
SL-4-CR	Downstream of Overburden Stockpiles before concrete footing	1/12/2010	NW	NW	NW	NW	NW
		1/18/2010	NW	NW	NW	NW	NW
SL-4A1-RD	Inlet to Pond 4A (east end)	1/12/2010	NW	NW	NW	NW	NW
		1/18/2010	8:50	7.84	13.8	1,270	Flow rate = 5.22 mph
SL-4A3-PD	Effluent from Pond 4A	1/12/2010	10:58	8.15	14.5	1,260	Flow rate = 1.5 mph
		1/18/2010	8:55	7.77	13.2	1,240	Flow rate = 1.8 mph
SL-6-RD	Upper Quarry Road (runoff along road going into pit)	1/12/2010	10:11	7.96	11.9	12,600	Flow rate = 0.53 mph
		1/18/2010	8:35	7.96	9.5	703	Flow rate = 2.47 mph
SL-11-CR	Inlet to Pond 13	1/12/2010	12:00	8.34	13.9	1,260	Flow rate = 1.14 mph
		1/18/2010	9:45	8.25	12.8	1,130	Flow rate = 2.02 mph
SL-12-PD	Effluent (overflow) from Pond 13	1/12/2010	12:05	8.46	13.6	1,240	No flow rate because location not reachable with flow meter.
		1/18/2010	10:00	8.18	12.5	1,190	Flow rate = 1.80 mph
SL-13-PD	Inlet to Pond 13 from Pond 13B	1/12/2010	NW	NW	NW	NW	NW
		1/18/2010	NW	NW	NW	NW	NW
SL-13A-RD	Inlet to Pond 13A	1/12/2010	NW	NW	NW	NW	NW
		1/18/2010	9:45	8.31	10.5	387	Flow rate = 3.5 mph

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SL-14-CR	Screen Tower Number 4 (under bridge)	1/12/2010	12:30	8.44	13.2	1,280	Flow rate = 0.73 mph
		1/18/2010	10:10	8.14	12.0	1,150	Flow rate = 1.0 mph
SL-15-CR	Creek embankment below Screen Tower 4	1/12/2010	12:45	8.22	13.5	1,300	Flow rate = 0.72
		1/18/2010	10:25	7.86	12.2	1,180	Flow rate = 1.64 mph
SL-16A-RD	Inlet to Pond 9 (from culvert off Screen Tower Road)	1/12/2010	12:35	8.30	13.0	910	Flow rate = 1.02 mph
		1/18/2010	10:20	8.17	10.8	573	Flow rate = 4.56 mph
SL-16B-RD	Inlet to Pond 9 (from culvert off Screen Tower Road)	1/12/2010	12:43	8.24	13.3	1,150	Flow rate = 0.92 mph
		1/18/2010	10:30	8.56	10.9	266	Flow rate = 6.66 mph
SL-17-PD	Effluent from Pond 9	1/12/2010	12:55	8.01	12.1	1,130	No flow rate measured due to strong flow from the pipe discharge.
		1/18/2010	10:35	7.96	10.7	767	Flow rate = 4.5 mph
SL-18-RD	Lower Quarry Road (runoff on road, if any, down-hill of Pond 9)	1/12/2010	NW	NW	NW	NW	NW
		1/18/2010	10:40	8.68	10.7	201	Flow rate = 4.18 mph
SL-20-RD	Inlet to Pond 17 at Rockplant 2	1/12/2010	13:30	8.19	13.9	2,000	Flow rate = 0.82 mph
		1/18/2010	11:05	8.03	11.2	801	Flow rate = 4.94 mph
SL-21-PD	Effluent from Pond 17 at Rockplant 2 (from the last point near effluent pipe or pump if no discharge)	1/12/2010	13:40	8.10	12.0	1,860	Flow rate = 0.93 mph
		1/18/2010	11:15	7.82	11.0	1,030	Flow rate = 3.77 mph
SL-22A-CR	Downstream of Dinky Shed Basin. Upstream of hillside runoff	1/12/2010	13:00	8.12	13.8	1,290	Flow rate = 1.05 mph
		1/18/2010	10:50	7.89	11.0	778	Flow rate = 3.24 mph
SL-22B-CR	Downstream of Dinky Shed Pond and downstream of hillside runoff behind the shed.	1/12/2010	13:05	8.18	14.0	1,290	Flow rate = 1.38 mph
		1/18/2010	10:55	8.02	11.2	814	Flow rate = 3.72 mph
SL-23-CR	Creek Sample along Railroad tracks	1/12/2010	13:15	8.28	13.1	1,360	Flow rate = 0.78 mph
		1/18/2010	10:50	7.81	10.9	910	Flow rate = 1.78 mph

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SL-25-CR	Inlet to Pond 22	1/12/2010	13:30	8.40	13.1	1,350	Flow rate = 0.75 mph
		1/18/2010	11:05	8.97	11.1	878	Flow rate = 2.0 mph
SL-26-PD	Effluent of Pond 22	1/12/2010	13:40	7.46	12.6	1,480	Flow rate = 0.75 mph
		1/18/2010	11:15	8.84	11.3	848	Flow rate = 2.0 mph, measured near pipe discharge as it was submerged
SL-27-PD	Effluent from Pond 14	1/12/2010	13:50	8.34	13.3	1,320	Flow rate = 1.5 mph
		1/18/2010	11:25	8.57	11.2	1,110	Flow rate = 5.5 mph

Notes:

NM = Not Measured

NA = Not Sampled