

Tab
Comparison of Historic Storm Water Sampling
Lehigh Southwestern
Cupertino

2008/2009 Sample No:	Sampling Location:	Potential Source Area(s):	Sample Purpose/Objective:	2009/2010 TSS Results mg/L		2007/2008 TSS Results mg/L	2006/2007 TSS Results mg/L	2005/2006 TSS Results mg/L		2004/2005 TSS Results mg/L	
				1/12/2010	1/18/2010	1/4/08	2/22/07	1/18/06	2/27/06	12/7/04	1/7/00
SL-14-CR	Screen Tower Number 4 (under bridge)	Upstream of Screen Tower Number 4	Determine the TSS in the creek before Screen Tower Number 4 and the adjacent creek embankment (Creek Sample).	<5	26	NA Inaccessible	25	9	24	<5	<5
SL-15-CR	Creek embankment below Screen Tower 4	Downstream of Screen Tower Number 4	Determine the sediment contribution and potential increase from Screen Tower Number 4 and the creek embank runoff (Creek Sample).	5.0	22	5,030	570	64	<5	9	11
SL-16A-RD	Inlet to Pond 9 (from culvert off Screen Tower Road)	Runoff from Screen Tower Road	Evaluate the potential sediment load runoff from Screen Tower Road which is diverted into Pond 9.	48	11,900	51,100	710	1,090	830	3,800	13,500
SL-16B-RD	Inlet to Pond 9 (from culvert under Lower Quarry Road)	Runoff from Lower Quarry Road originating after the Primary Crusher	Evaluate the potential sediment load runoff from Lower Quarry Road originating after the Primary Crusher which is diverted into Pond 9.	340	9,880	NA Inaccessible	920	340	1,470	NA dry	990
SL-17-PD	Effluent from Pond 9	Runoff from Lower Quarry Road originating after the Primary Crusher	Evaluate the effectiveness of Pond 9 in removing sediment from the runoff from Lower Quarry Road.	9.0	2,300	34,600	720	400	860	43	400
SL-18-RD	Lower Quarry Road	Runoff from Lower Quarry Road after the drop inlet to Pond 9	Evaluate the sediment load from Lower Quarry Road that is not captured by Pond 9 and the potential contribution of the sand pile flowing into Dinky Shed Basin.	NW	10,400	3,510	4,580	630	1,030	NA dry	500
SL-19-PD Sample discontinued	Effluent from Dinky Shed Basin	Effluent from the Dinky Shed Basin	Evaluate the effectiveness at removing sediment from the runoff entering the Dinky Shed Basin from the Lower Quarry Road after Pond 9. Dinky Shed Basin replaces a filtration system removed in Oct. 2000.	NA discontinued	NA discontinued	NA Inaccessible	NA dry	NA dry	NA dry	NA dry	NA dry
SL-20-RD	Inlet to Pond 17 at Rockplant 2	Screen Tower Number 4	Evaluate the effectiveness of Pond 17 at removing sediment from storm water	25,700	3,530	2,750	9,110	31	5,670	76,100	160
SL-21-PD	Effluent from Pond 17 at Rockplant 2 (from the last point near effluent pipe if no discharge)	Screen Tower Number 4	Evaluate the effectiveness of Pond 17 at removing sediment from storm water	8.0	280	330	820	47	150	6	<5
SL-22A-CR	Downstream of Dinky Shed Basin. Upstream of hillside runoff (jar labeled P-14 for 11/19 storm, labeled P-16 for 4/17/00 storm)	Effluent from the Dinky Shed Pond Filtration system	Evaluate the cleanout effectiveness of the new Dinky Shed Basin.	<5	2,610	19,800	110	79	230	12	78
SL-22B-CR	Downstream of Dinky Shed Basin and downstream of hillside runoff behind the shed. (jar labeled P-13 for 11/19 storm, labeled P-17 for 4/17/00 storm.)	Hillside runoff observed on 11/19/99	Evaluate the impact of hillside runoff if present	6.0	2,400	28,200	94	82	190	11	82
SL-23-CR	Creek Sample along Railroad tracks	KACC	Evaluate the impact of the cement plant and the former KACC property on the creek between Pond 9 and the rail road tracks	5.0	1,600	17,600	610	1,170	140	<5	110
SL-24-PD Sample discontinued	Effluent from Pond 21 along railroad tracks	KACC	Assess the quality of the creek downstream of Ponds 19, 20, and 21, as well as the impact of storm water from the former KACC property.	NA discontinued	NA discontinued	1,280	13	300	110 J	<5	170
SL-D24-PD Sample discontinued	Duplicate of SL-24-PD		QA/QC	NA discontinued	NA discontinued	1,240	13	290	48 J	<5	180
SL-25-CR	Inlet to Pond 22	Runoff from the main plant area, parking lot, car wash.	Assess the quality of the creek downstream of Ponds 18, 19, 20, and 21, as well as the impact of storm water from the former KACC property.	<5	2,240	1,770	300	380	190	<5	91
SL-D25-CR	Duplicate of SL-25-CR		QA/QC	15	2,250	NA added 2009/2010	NA added 2009/2010	NA added 2009/2010	NA added 2009/2010	NA added 2009/2010	NA added 2009/2010
SL-26-PD	Effluent from Pond 22 (sample bottle labeled SL-12 for 11/19/99 sampling event, labeled P-18 for 4/17/00 storm)	Treatment of all sources that originate either upstream or from the Lehigh property	Determine the effectiveness of the in-stream ponds at reducing sediment load before leaving the Hanson property.	<5	2,500	4,680	7	850	150	11	120
SL-D26-PD	Duplicate of SL-26-PD		QA/QC	<5	2,420	4,690	13	870	170	6	150
SL-27-PD	Effluent from Pond 14		Evaluate the effectiveness of Pond 14 at removing sediment from stormwater.	15	740	320	36	63	66 J	95	28
SL-D27-PD	Duplicate sample of Pond 14 effluent		This duplicate sample is discontinued in SWMP for 2001/2002 as Pond 14 is maintained out of Creek.	13	740	320	NA	64	130 J	56	180

¹ This sample was collected after the rain had ceased. The samples were collected starting with the most downstream location and working up towards the background sample. The sampling team did not notice anything unusual about this sample.

² Duplicate of SL-13A, not SL-13; no water from SL-13

³ Original sample result was < 5 mg/L. Sample was re-analyzed outside of hold time for TSS with a result of 160 mg/L.

J = estimated result

NA = Sample not collected or data not available

NW: Sample not collected because there was no water at the sampling location.

Refer to 2005/2006 SWPPP for Sample IDs prior to 2006.

FT

D-3
 Sampling Results for Total Suspended Solids
 Cement Company
 California

0/10/10
 SL

	2003/2004 TSS Results mg/L		2002/2003 TSS Results mg/L		2001/2002 TSS Results mg/L		2000/2001 TSS Results mg/L		1999/2000 TSS Results (mg/L)		1998/1999 TSS Results (mg/L)		1997/1998 TSS Results (mg/L)		1996 TSS Results (mg/L)	
	12/29/03	2/18/04	12/13/02	4/24/03	11/29/01	3/6/02	10/10/00	2/20/01	4/17/00	11/19/99	4/5/99	1/18/99	5/23/97	4/22/97	3/3/96	1/18/96
	1,130	32	14	49	280	260	81,100	410	250	1,760	NA	NA	NA	NA	NA	NA
	650	29	<5.0	32	170	47	26	430	240	20	NA	NA	NA	NA	NA	NA
	23,600	2,300	840	18	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	750	120	5,530	NA dry	2,450	810	1,240	5,590	<5.0	11,800	1,900	1,800	248,000	not enough water to sample	6,790	22,800
	590	39	44	51	110	11	34	290	58	68	80	86	76	14	261	200
	3,890	NA dry	8,150	390	7,400	12,300	NA	NA	790	NA	NA	NA	NA	NA	NA	NA
	NA dry	NA dry	NA dry	NA dry	NA	NA	NA	NA	9	NA	NA	NA	NA	NA	NA	NA
	12,500	26,600	46,900	2,520	31,800	35,900	3,910	12,300	5,340	7,840	13	82	8,270	not enough water to sample	5,870	209
	76	12	<5.0	15	10	<5.0	7	11	13	<10	15	25	not enough water to sample	not enough water to sample	119	17
	840	29	15	35	210	25	24	410	230	130	NA	NA	NA	NA	NA	NA
	820	28	21	34	180	18	NA	440	NA	71,000	NA	NA	NA	NA	NA	NA
	1,170	22	1,430	32	200	26	110	520	390	1,340	7,300	20,000	310	<10	1,440	12,100
	1,190	13	<5.0	13	24	<5.0	15	34	<5.0	96	64	56	62	<10	467	1,020
	1,070	32	31	7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	1,410	18	710	38	160	32	NA	720	400	NA	NA	NA	NA	NA	NA	NA
id 0	NA added 2009/2010	NA added 2009/2010	NA added 2009/2010	NA added 2009/2010	NA added 2009/2010	NA added 2009/2010	NA added 2009/2010	NA added 2009/2010	NA added 2009/2010	NA added 2009/2010	NA added 2009/2010	NA added 2009/2010	NA added 2009/2010	NA added 2009/2010	NA added 2009/2010	NA added 2009/2010
	1,230	14	36	31	180	11	800	980	410	16	5,300	16,000	222	<10	7,320	9,320
	NA not sampled	NA not sampled	47	NA not sampled	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	760	12	<5.0	<5.0	68	<5.0	NA	320	33	NA	3,400	110	102	<10	9,350	3,340
	780	11	NA not sampled	<5.0	NA	NA	NA	NA	35	NA	NA	NA	90	NA	NA	NA

at this sampling location and no explanation can be attributed to the high TSS result at this location.