DRAFT
Table 2
Laboratory Results from Baseline Sampling Event 19
(August 18, 2010)
Calaveras Dam Replacement Project

Field ID	Station ID	Asbestos							Metals												Comments
		Chrysotile		Amphibole		Time	Vol	Results	Results (µg/sample)					Result Concentrations (µg/L)					Time	Vol	
		<5 µm	>5 µm	<5 µm	>5 µm	min	Liters	s/cc	As	Co	Cr	Cu	Ni	As	Co	Cr	Cu	Ni	min	Liter	
Laboratory Reporting Limit								**0.0005**	**0.05**	**0.05**	**0.05**	**0.05**	**0.05**								
1_AUG.18.10	1	-	-	-	-	1,501	4,503	--	-	-	0.16	-	-			3.55E-05			1502	4506	
2_AUG.18.10	2	-	-	-	-	1,468	4,404	--	-	-	0.16	-	-			3.79E-05			1482	4224	
3_AUG.18.10	3	-	-	-	-	1,486	4,458	--	-	-	0.075	-	-			1.85E-05			1533	4062	
4_AUG.18.10	4	-	-	-	-	1,489	4,467	--	-	-	0.14	-	-			3.08E-05			1491	4548	
5_AUG.18.10	5	3	-	-	-	1,484	4,378	0.0015	-	-	0.15	-	-			3.37E-05			1484	4452	
6_AUG.18.10	6	4	1	-	-	1,489	4,541	0.0024	-	-	0.095	0.76	0.44			2.16E-05	1.73E-04	9.99E-05	1468	4404	
6_AUG.18.10_x	6 dup	2	-	-	-	1,483	4,375	0.0010	-	-	0.12	-	-			3.35E-05			1492	3581	
7_AUG.18.10	7	-	-	-	-	1,521	4,563	--	-	-	0.15	-	-			5.61E-05			891	2673	
10A_AUG.18.10	10A	-	-	-	-	1,494	4,482	--	-	-	0.066	-	-			1.47E-05			1,494	4482	
10A_AUG.18.10_x	10A dup	-	-	-	-	1,494	4,333	--	-	-	0.061	-	-			1.36E-05			1,494	4482	
12_AUG.18.10	12	1	-	-	-	1,492	4,476	0.0005	-	-	0.16	-	-			3.57E-05			1,492	4476	
16_AUG.18.10	16	-	-	-	-	1,515	4,469	--	-	-	0.14	1.1	-			3.03E-05	2.38E-04		1,515	4621	
21_AUG.18.10	21	-	-	-	-	1,499	4,497	--	-	-	0.057	-	-			1.27E-05			1,499	4497	
24_AUG.18.10	24	-	-	-	-	1,503	4,359	--	-	-	0.14	-	-			3.06E-05			1,475	4573	
25_AUG.18.10	25	*	*	*	*				*	*	*	*	*								Station was missing
26_AUG.18.10	26	2	-	-	-	1,531	4,593	0.0010	-	-	0.17	1.6	-			4.41E-05	4.15E-04		1,330	3857	
27_AUG.18.10	27	-	-	-	-	1,479	4,437	--	-	-	0.13	-	-			2.93E-05			1,479	4437	
28_AUG.18.10	28	2	-	-	-	1,468	4,331	0.0010	-	-	0.14	-	-			3.13E-05			1,468	4477	
28i_AUG.18.10	28 Indoor	45	6	-	-	409	1,227	0.1177	-	-	0.2	0.066	-			4.50E-05	1.48E-05		1,483	4449	
28i_AUG.18.10 (VA)	28 Indoor	46	6	-	-	409	1,227	0.1154													
9_AUG.18.10	North In Car	38	5	8	2	1,443	4,329	0.0523													
9_AUG.18.10 (RA)	North In Car	45	4	10	5	1,443	4,329	0.0433													
30_AUG.18.10	South In Car	44	2	1	1	1,386	4,158	0.0236													
8_AUG.18.10	North Blank	-	-	-	-	1,440	4,320	--	-	-	0.079	-	-			1.83E-05			1,440	4320	
8_AUG.18.10_x	Lot Blank 1								-	-	0.21	-	-			4.86E-05			1,440	4320	Unopenned lot blank for Metal analysis
29_AUG.18.10	South Blank	-	-	-	-	1,440	4,320	--	0.071	-	0.12	-	-	1.64E-05		2.78E-05			1440	4320	
29_AUG.18.10_x	Lot Blank 2								-	-	0.13	-	-			3.01E-05			1440	4320	Unopenned lot blank for Metal analysis
Average						**1432**	**4269**												**1448**	**4267**	

Notes:

[1] Samples were analyzed for asbestos by Modified AHERA using an aspect ratio of 3:1.

s/cc = structures per cubic centimeters

µg = micrograms

- = Not detected above the laboratory reporting limit

-- = Less than 0.0005 s/cc

* = Not analyzed

VA = Verified Analysis – Different analyst analyzes the exact same grid openings as the initial analyst to verify correctness of initial analyst's findings.

DRAFT
Table 2
Laboratory Results from Baseline Sampling Event 20
(September 16, 2010)
Calaveras Dam Replacement Project

Field ID	Station ID	Asbestos							Metals												Comments
		Chrysotile		Amphibole		Time	Vol	Results	Results (µg/sample)					Result Concentrations (µg/L)					Time	Vol	
		<5 µm	>5 µm	<5 µm	>5 µm	min	Liters	s/cc	As	Co	Cr	Cu	Ni	As	Co	Cr	Cu	Ni	min	Liter	
Laboratory Reporting Limit								**0.0005**	**0.05**	**0.05**	**0.05**	**0.05**	**0.05**								
1_SEP.15.10	1	3	-	1	-	1,477	4,357	0.0020	-	-	0.16	-	-			3.61E-05			1,478	4,434	
2_SEP.15.10	2	1	1	0	-	1,190	3,570	0.0010	-	-	0.15	-	-			3.40E-05			1,470	4,410	
3_SEP.15.10	3	1	-	-	-	1,469	4,407	0.0005	-	-	0.16	-	-			1.78E-04			315	898	
4_SEP.15.10	4	-	-	-	-	1,178	3,298	--	-	-	0.14	-	-			3.29E-05			1,442	4,254	
5_SEP.15.10	5	7	-	6	1	1,466	4,398	0.0069	-	-	0.13	-	-			3.01E-05			1,466	4,325	
5_SEP.15.10 (RA)	5	6	-	2	1	1,466	4,398	0.0044													
6_SEP.15.10	6	29	1	1	3	1,450	4,350	0.0169	-	-	0.14	-	-			3.22E-05			1,448	4,344	
6_SEP.15.10_x	6 dup	37	4	6	2	1,450	4,278	0.0247	-	-	0.15	0.10	-			3.45E-05	2.30E-05		1,448	4,344	
7_SEP.15.10	7	-	1	-	-	1,553	4,659	0.0005	-	-	0.17	-	-			3.04E-03			20	56	
10A_SEP.15.10	10A	2	-	-	-	1,467	4,401	0.0010	-	-	0.17	-	-			3.86E-05			1,468	4,404	
10A_SEP.15.10_x	10A dup	-	-	-	-	1,468	4,404	--	-	-	0.14	-	-			3.43E-05			1,359	4,077	
12_SEP.15.10	12	-	-	-	-	1,471	4,413	--	-	-	0.14	-	-			3.17E-05			1,470	4,410	
16_SEP.15.10	16	1	-	-	-	781	2,265	0.0010	-	-	0.14	-	-			2.99E-05			1,563	4,689	
21_SEP.15.10	21	-	-	-	-	1,467	4,254	--	-	-	0.2	0.12	-			4.70E-05	2.82E-05		1,468	4,257	
24_SEP.15.10	24	1	-	-	-	1,466	4,251	0.0006	-	-	0.15	0.06	-			4.09E-05	1.64E-05		1,467	3,668	
25_SEP.15.10	25	-	-	-	-	1,306	3,722	--	-	-	0.16	-	-						1,565	4,460	
26_SEP.15.10	26	-	-	-	-	1,562	4,686	--	-	-	0.16	-	-			3.41E-05			1,562	4,686	
27_SEP.15.10	27	-	-	-	-	1,452	4,356	--	-	-	0.16	-	-			3.68E-05			1,451	4,353	
28_SEP.15.10	28	4	-	2	1	1,544	4,632	0.0035	-	-	0.14	-	-			3.07E-05			1,544	4,555	
28_SEP.15.10 (VA)	28	4	-	2	1	1,544	4,632	0.0035													
28i_SEP.15.10	28 Indoor	3	1	1	-	1,423	4,269	0.0024	-	-	0.16	-	-			3.75E-05			1,422	4,266	
9_SEP.15.10	orth In Car Day	36	11	-	3	423	1,269	0.0901													
9_SEP.15.10_x	orth In Car Day	44	3	1	2	243	729	0.1482													
30_SEP.15.10	outh In Car Day	39	12	-	-	504	1,512	0.0596													
30_SEP.15.10_x	outh In Car Day	*	*	*	*	298	894	*													
8_SEP.15.10	North Blank	-	-	-	-	1,440	4,320	--	-	-	0.14	-	-			3.24E-05			1,440	4,320	
8_SEP.15.10_x	Lot Blank 1								-	-	0.15	0.05	-			3.47E-05	1.16E-05		1,440	4,320	Unopenned lot blank for Metal analysis
29_SEP.15.10	South Blank	-	-	-	-	1,440	4,320	--	-	-	0.15	-	-			3.47E-05			1,440	4,320	
29_SEP.15.10_x	Lot Blank 2								-	-	0.16	0.096	-			3.70E-05	2.22E-05		1,440	4,320	Unopenned lot blank for Metal analysis
Average						**1412**	**4191**												**1338**	**3942**	

Notes:

[1] Samples were analyzed for asbestos by Modified AHERA using an aspect ratio of 3:1.

s/cc = structures per cubic centimeters

µg = micrograms

- = Not detected above the laboratory reporting limit

-- = Less than 0.0005 s/cc

* = Not analyzed. Filter was torn.

VA = Verified Analysis – Different analyst analyzes the exact same grid openings as the initial analyst to verify correctness of initial analyst's findings.

RA = Replicate Analysis – Different or same analyst analyzes different TEM grid preparations of the same sample.

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Table 2
Laboratory Results from Baseline Sampling Event 21
(October 18, 2010)
Calaveras Dam Replacement Project

Field ID	Station ID	Asbestos							Metals												Comments
		Chrysotile		Amphibole		Time	Vol	Results	Results (µg/sample)					Result Concentrations (µg/L)					Time	Vol	
		<5 µm	>5 µm	<5 µm	>5 µm	min	Liters	s/cc	As	Co	Cr	Cu	Ni	As	Co	Cr	Cu	Ni	min	Liter	
Laboratory Reporting Limit								**0.0005**	**0.05**	**0.05**	**0.05**	**0.05**	**0.05**								
1_OCT.18.10	1	1	-	1	1	1,499	4,497	0.0015	-	-	0.18	0.27	-			4.00E-05	6.00E-05		1,500	4,500	
1_OCT.18.10 (VA)	1	1	-	1	1	1,499	4,497	0.0015													
2_OCT.18.10	2	-	-	-	-	1,504	4,437	--	-	-	0.17	0.18	-			3.97E-05	4.20E-05		1,504	4,286	
3_OCT.18.10	3	-	-	1	-	1,500	4,500	0.0005	-	-	0.14	0.11	-			3.16E-05	2.48E-05		1,477	4,431	
4_OCT.18.10	4	-	-	-	-	649	2,077	--	-	-	0.13	0.39	-			2.84E-05	8.51E-05		1,503	4,584	
5_OCT.18.10	5	-	-	-	-	1,519	4,557	--	-	-	0.18	32	-			3.95E-05	7.02E-03		1,520	4,560	
6_OCT.18.10	6	-	-	-	-	1,512	4,536	--	-	-	0.15	0.19	-			3.30E-05	4.19E-05		1,513	4,539	
6_OCT.18.10_x	6 dup	-	-	-	-	1,511	4,533	--	-	-	0.15	0.079	-			3.61E-05	1.90E-05		1,513	4,161	
7_OCT.18.10	7	-	-	-	-	1,529	4,511	--	-	-	0.15	3.3	-			3.27E-05	7.19E-04		1,529	4,587	
10A_OCT.18.10	10A	-	-	-	-	1,452	4,356	--	-		0.15	3.3				3.44E-05	7.57E-04		1,454	4,362	
10A_OCT.18.10_x	10A dup	-	-	-	-	1,452	4,356	--	-	-	0.16	0.13	-			1.17E-04	9.51E-05		516	1,367	
12_OCT.18.10	12	-	1	-	-	1,524	4,572	0.0005	-	-	0.13	0.79	-			2.85E-05	1.73E-04		1,522	4,566	
16_OCT.18.10	16	-	-	1	-	1,520	3,800	0.0005	-	-	0.14	0.089	-			3.11E-05	1.98E-05		1,526	4,502	
21_OCT.18.10	21	-	-	-	-	1,262	3,407	--	-	-	0.17	0.067	-			3.79E-05	1.49E-05		1,522	4,490	
24_OCT.18.10	24	-	-	-	-	1,345	4,035	--	-	-	0.15	0.085	-			3.94E-05	2.24E-05		1,521	3,803	
25_OCT.18.10	25	-	-	-	-	1,354	3,317	--	-	-	0.16	0.071	-						1,526	4,578	
26_OCT.18.10	26	-	-	1	-	1,527	4,428	0.0005	-	-	0.14	0.1	-			3.42E-05	2.44E-05		1,462	4,094	
27_OCT.18.10	27	-	-	-	-	1,486	4,458	--	-	-	0.2	0.14	-			4.49E-05	3.14E-05		1,485	4,455	
28_OCT.18.10	28	-	-	-	-	1,492	4,476	--	-	-	0.16	-	-			3.57E-05			1,492	4,476	
28i_OCT.18.10	28 Indoor	1	2	-	1	1,494	4,482	0.0020	-	-	0.22	-	-			4.91E-05			1,494	4,482	
28i_OCT.18.10 (VA)	28 Indoor	1	2	-	1	1,494	4,482	0.0020													
9_OCT.18.10	North In Car Day 1	21	2	1	-	408	1,224	0.0120													
9_OCT.18.10_x	North In Car Day 2	30	1	9	2	212	636	0.0210													
30_OCT.18.10	South In Car Day 1	8	-	1	-	407	1,221	0.0045													
30_OCT.18.10_x	South In Car Day 2	8	1	2	-	191	573	0.0055													
8_OCT.18.10	North Blank	2	-	-	-	1,440	4,320	0.0010	-	-	0.15	0.094	-			3.47E-05	2.18E-05		1,440	4,320	
8_OCT.18.10_x	Lot Blank 1								-	-	0.14	0.059	-			3.24E-05	1.37E-05		1,440	4,320	Unopenned lot blank for Metal analysis
29_OCT.18.10	South Blank	-	-	-	-	1,440	4,320	--	-	-	0.14	-	-			3.24E-05			1,440	4,320	
29_OCT.18.10_x	Lot Blank 2								-	-	0.16	-	-			3.70E-05			1,440	4,320	Unopenned lot blank for Metal analysis
Average						**1432**	**4192**												**1452**	**4254**	

Notes:

[1] Samples were analyzed for asbestos by Modified AHERA using an aspect ratio of 3:1.

s/cc = structures per cubic centimeters

µg = micrograms

- = Not detected above the laboratory reporting limit

-- = Less than 0.0005 s/cc

* = Not analyzed. Filter was torn.

VA = Verified Analysis – Different analyst analyzes the exact same grid openings as the initial analyst to verify correctness of initial analyst's findings.

RA = Replicate Analysis – Different or same analyst analyzes different TEM grid preparations of the same sample.

DRAFT
Table 2
Laboratory Results from Baseline Sampling Event 22
(November 17, 2010)
Calaveras Dam Replacement Project

Field ID	Station ID	Asbestos							Metals												Comments
		Chrysotile		Amphibole		Time	Vol	Results	Results (µg/sample)					Result Concentrations (µg/L)					Time	Vol	
		<5 µm	>5 µm	<5 µm	>5 µm	min	Liters	s/cc	As	Co	Cr	Cu	Ni	As	Co	Cr	Cu	Ni	min	Liter	
Laboratory Reporting Limit								**0.0005**	**0.05**	**0.05**	**0.05**	**0.05**	**0.05**								
1_NOV.17.10	1	3	-	2	1	1,491	4,473	0.0031	-	-	0.19	-	-			4.25E-05			1,491	4,473	
2_NOV.17.10	2	2	-	1	-	1,517	4,323	0.0014	-	-	0.17	-	-			3.86E-05			1,517	4,399	
3_NOV.17.10	3	3	-	1	-	1,500	4,500	0.002	-	-	0.13	-	-			2.87E-05			1,509	4,527	
4_NOV.17.10	4	5	-	-	-	1,260	3,969	0.0025	-	-	0.21	-	-			4.67E-05			1,475	4,499	
5_NOV.17.10	5	-	-	-	-	1,270	3,747	--	-	-	0.1	-	-			2.77E-05			1,247	3,616	
6_NOV.17.10	6	19	-	2	-	1,468	4,404	0.01	-	-	0.11	-	-			2.49E-05			1,470	4,410	
6_NOV.17.10 (VA)	6	17	1	2		1,468	4,404	0.0095													
6_NOV.17.10_x	6 dup	11	1	2	1	1,469	4,407	0.0076	-	-	0.12	-	-			2.51E-05			1,470	4,778	
7_NOV.17.10	7	10	-	-	-	1,492	4,327	0.0048	-	-	0.071	-	-			1.56E-05			1,492	4,551	
10A_NOV.17.10	10A	-	-	-	-	1,480	4,440	--	-	-	0.11	-	-			2.47E-05			1,483	4,449	
10A_NOV.17.10_x	10A dup	-	-	2	-	1,482	4,298	0.001	-	-	0.09	-	-			2.02E-05			1,483	4,449	
12_NOV.17.10	12	-	-	-	-	1,484	4,452	--	-	-	0.16	-	-			3.59E-05			1,485	4,455	
16_NOV.17.10	16	-	-	-	-	1,015	2,639	--	-	-	0.18	-	-			4.05E-05			1,483	4,449	
21_NOV.17.10	21	2	-	-	-	1,480	4,070	0.001	-	-	0.063	-	-			1.47E-05			1,481	4,295	
21_NOV.17.10 (VA)	21	3	-	-	-	1,480	4,070	0.001													
24_NOV.17.10	24	-	-	-	-	1,477	4,283	--	-	-	0.18	-	-			4.05E-05			1,480	4,440	
25_NOV.17.10	25	1	-	1	-	586	1,377	0.001	-	-	0.18	-	-						1,487	4,461	
26_NOV.17.10	26	-	-	-	-	1,492	3,954	--	-	-	0.17	-	-			5.23E-05			1,182	3,251	
27_NOV.17.10	27	4	-	1	-	1,471	4,413	0.0025	-	-	0.12	-	-			2.67E-05			1,472	4,490	
28_NOV.17.10	28	1	-	-	-	1,502	4,506	0.0005	-	-	0.14	-	-			3.11E-05			1,502	4,506	
28i_NOV.17.10	28 Indoor	2	-	-	-	1,493	4,404	0.0009	-	-	0.059	-	-			1.32E-05			1,493	4,479	
9_NOV.17.10	North In Car Day 1	39	2	11	2	454	1,362	0.0271													
9_NOV.17.10_x	North In Car Day 2	40	1	4	-	201	603	0.0226													
30_NOV.17.10	South In Car Day 1	12	4	2	-	381	1,143	0.0091													
30_NOV.17.10 (VA)	South In Car Day 1	12	4	2	-	381	1,143	0.0091													
30_NOV.17.10_x	South In Car Day 2	12	4	2	-	175	525	0.009													
8_NOV.17.10	North Blank	-	-	-	-	1,440	4,320	--	-	-	0.094	-	-			2.18E-05			1,440	4,320	
8_NOV.17.10_x	Lot Blank 1								-	-	0.16	-	-			3.70E-05			1,440	4,320	Unopenned lot blank for Metal analysis
29_NOV.17.10	South Blank	-	-	-	-	1,440	4,320	--	-	-	0.075	-	-			1.74E-05			1,440	4,320	
29_NOV.17.10_x	Lot Blank 2								-	-	0.085	-	-			1.97E-05			1,440	4,320	Unopenned lot blank for Metal analysis
Average						**1399**	**4070**												**1458**	**4367**	

Notes:

[1] Samples were analyzed for asbestos by Modified AHERA using an aspect ratio of 3:1.

s/cc = structures per cubic centimeters

µg = micrograms

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-- = Less than 0.0005 s/cc

* = Not analyzed. Filter was torn.

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