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Los Alamos / Pueblo Canyon
Los Alamos Canyon - Surface Water
Low Head Weir

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Cobrain, Dave, NMENV

From: Danny Katzman [katzman@lanl.gov]
Sent: Monday, April 13, 2009 9:35 AM
To: Cobrain, Dave, NMENV
Subject: Proposed focused excavation within LA Weir_supplemental info

Attachments: Info to NMED_Focused Excavation in LA Weir_4-13.doc; LA Weir supplemental dioxin and furan data_4-13.xls; m201995_weir_20090325.pdf

Info to ED_Focused Excavab | LA Weir plemental dioxin a | m201995_weir_20C 90325.pdf (6 M...

Dave- attached is supplemental information on newly collected data from the LA Weir. The text, tables, and map supplement our previously submitted information regarding plans for excavation and management of sediment from the basin behind the weir.
Let me know if you have any questions.
Thanks
Danny

Danny Katzman
Water Stewardship Program Manager
LANL Environmental Programs
7-6333 (ph)
699-1042 (cell)
5-4747 (fax)

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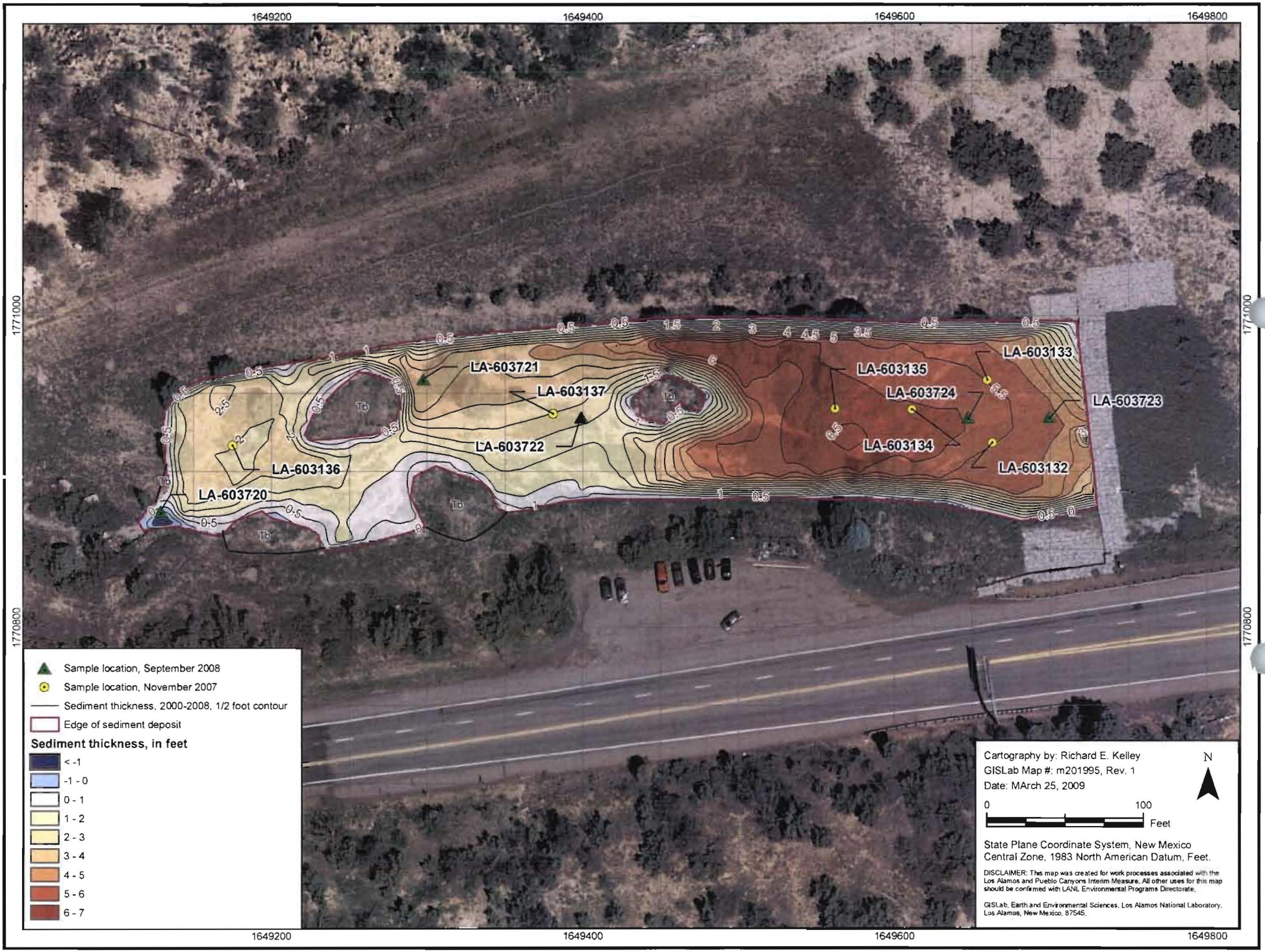
The Laboratory has received new sediment data collected from the Los Alamos Canyon low-head weir as part of the annual Environmental Surveillance Program sediment sampling task. Five samples of sediment deposited in 2008 were collected in September to allow comparison of concentrations in these deposits with concentrations in older 2000-2007 sediment at the weir. Of particular interest was whether erosion of the sediment deposits in upper Los Alamos Canyon that resulted from the July 4-5, 2008 potable water line break at TA-21 (which eroded soils below SWMU 21-027(a)) manifested in the deposits trapped behind the weir. As part of that inquiry, we expanded our analytical suite to include dioxins and furans, which had been reported as COPCs at 21-027(a). We also obtained dioxin and furan data on the other 10 samples we collected in September which were reported in the Supplemental Interim Measures Work Plan so we could compare concentrations in 2008 sediment to that in older sediment. Dioxin and furan data on those samples were not available at the time of our work plan submittal.

Two of seven samples of 2008 sediment deposits (4 of which were focused on fine-grained deposits) have higher concentrations of several COPCs than had been previously measured at the weir. These include the radionuclides americium-241, plutonium-238, plutonium-239/240, strontium-90, and uranium-234, and the metals arsenic, chromium, and mercury. Dioxins and furans were also highest in these same two samples. The two samples with the highest dioxin/furan concentrations were collected in sediments in basin #2 as described on Figure 4.2-1 of the "Interim Measure Work Plan to Mitigate Contaminated Sediment Transport in Los Alamos and Pueblo Canyons". Except for a single detect for Aroclor-1248 in the 2008 sediment, results for PCBs were lower than measured previously. All of these analytes with maximum results from 2008 sediment had been previously reported as COPCs at 21-027(a) except for strontium-90 and Aroclor-1248, and we believe these COPCs can be traced to the hillslope materials eroded during the July 4-5 event at TA-21. Subsequent floods on August 9 and 10, 2008, likely deposited some or all of the sediment analyzed in these samples.

Although these new sediment deposits are thin and discontinuous and constitute a very small portion of the total volume planned for excavation, the Laboratory proposes to excavate and manage the 2008 fine-grained deposits from basin #2 as waste. Prior to excavation and land application of the bulk of the weir sediments, the 2008 sediment deposits from basin #2 will be excavated and placed into appropriate waste containers which will be maintained onsite. The focus on basin #2 is based on the identification of the highest concentrations of dioxins/furans in that area and limited vegetation to interfere with excavation. Basin #1 is dominated by coarse-grained sediment that is deposited where the Los Alamos Canyon channel initially enters the sediment retention basin, and therefore has limited fine-grained sediment. Basin #3 has thicker fine-grained sediment, but laboratory analyses indicate the average concentrations of dioxins and furans in 2008 sediment are lower here than in basin #2. In addition, basin #3 contains dense vegetation that would make excavation very difficult. Preliminary estimates are that this segregation and removal effort from basin #2 will generate an estimated 30-40 cubic yards of waste. The waste will be characterized and managed for appropriate disposition.

Attached is a table with the new sediment data for dioxins and furans from the weir. Also attached is a map of the weir showing the new sample locations, in addition to previously sampled locations.

Please feel free to contact me if you have any questions


1649200
1649400
1649600
1649800
1771000
1770800
LA-603721
LA-603137
LA-603722
LA-603136
LA-603720
LA-603135
LA-603133
LA-603724
LA-603723
LA-603134
LA-603132
Tb
Sample location, September 2008
Sample location, November 2007
Sediment thickness, 2000-2008, 1/2 foot contour
Edge of sediment deposit
Sediment thickness, in feet
< -1
-1 - 0
0 - 1
1 - 2
2 - 3
3 - 4
4 - 5
5 - 6
6 - 7
Cartography by: Richard E. Kelley
GISLab Map #: m201995, Rev. 1
Date: MArch 25, 2009
N
0
100
Feet
State Plane Coordinate System, New Mexico
Central Zone, 1983 North American Datum, Feet.
DISCLAIMER: This map was created for work processes associated with the Los Alamos and Pueblo Canyons Interim Measure. All other uses for this map should be confirmed with LANL Environmental Programs Directorate.
GISLab, Earth and Environmental Sciences, Los Alamos National Laboratory, Los Alamos, New Mexico, 87545.

Sample ID	Inferred Age	Analyte	Std Result (mg/kg)	mammal TEF	mammal TEC (mg/kg)	bird TEF	bird TEC (mg/kg)	Std MDL	Std Quant Limit	Reporting Qualifier	Repor Qualifi Reasc
CALA-08-15354	2008	Heptachlorodibenzodioxin[1,2,3,4,6,7,8-]	0.0058	0.01	5.8E-05	<0.001		0.0058	0.0058		
CALA-08-15355	2008	Heptachlorodibenzodioxin[1,2,3,4,6,7,8-]	0.00329	0.01	3.3E-05	<0.001		0.00329	0.00329		
CALA-08-15362	2008	Heptachlorodibenzodioxin[1,2,3,4,6,7,8-]	0.00046	0.01	4.6E-06	<0.001		0.000464	0.000464		
CALA-08-15358	pre-2008	Heptachlorodibenzodioxin[1,2,3,4,6,7,8-]	0.00014	0.01	1.4E-06	<0.001		0.000137	0.000137		
CALA-08-15357	2008	Heptachlorodibenzodioxin[1,2,3,4,6,7,8-]	0.00013	0.01	1.3E-06	<0.001		0.000129	0.000129		
CALA-08-15364	pre-2008	Heptachlorodibenzodioxin[1,2,3,4,6,7,8-]	0.0001	0.01	1E-06	<0.001		0.000102	0.000102		
CALA-08-15363	pre-2008	Heptachlorodibenzodioxin[1,2,3,4,6,7,8-]	8.4E-05	0.01	8.4E-07	<0.001		8.36E-05	0.0000836		
CALA-08-15352	2008	Heptachlorodibenzodioxin[1,2,3,4,6,7,8-]	6.8E-05	0.01	6.8E-07	<0.001		6.83E-05	0.0000683		
CALA-08-15353	2008	Heptachlorodibenzodioxin[1,2,3,4,6,7,8-]	6.7E-05	0.01	6.7E-07	<0.001		6.67E-05	0.0000667		
CALA-08-15360	pre-2008	Heptachlorodibenzodioxin[1,2,3,4,6,7,8-]	5.5E-05	0.01	5.5E-07	<0.001		5.52E-05	0.0000552		
CALA-08-15361	pre-2008	Heptachlorodibenzodioxin[1,2,3,4,6,7,8-]	5.2E-05	0.01	5.2E-07	<0.001		5.17E-05	0.0000517		
CALA-08-15366	pre-2008	Heptachlorodibenzodioxin[1,2,3,4,6,7,8-]	3.7E-05	0.01	3.7E-07	<0.001		3.74E-05	0.0000374		
CALA-08-15359	pre-2008	Heptachlorodibenzodioxin[1,2,3,4,6,7,8-]	3.6E-05	0.01	3.6E-07	<0.001		3.58E-05	0.0000358		
CALA-08-15351	2008	Heptachlorodibenzodioxin[1,2,3,4,6,7,8-]	3E-05	0.01	3E-07	<0.001		3.04E-05	0.0000304		
CALA-08-15365	pre-2008	Heptachlorodibenzodioxin[1,2,3,4,6,7,8-]	1.4E-05	0.01	1.4E-07	<0.001		1.37E-05	0.0000137		
CALA-08-15354	2008	Heptachlorodibenzodioxins (Total)	0.0123					0.0123	0.0123		
CALA-08-15355	2008	Heptachlorodibenzodioxins (Total)	0.00711					0.00711	0.00711		
CALA-08-15362	2008	Heptachlorodibenzodioxins (Total)	0.00095					0.000947	0.000947		
CALA-08-15358	pre-2008	Heptachlorodibenzodioxins (Total)	0.00027					0.000271	0.000271		
CALA-08-15357	2008	Heptachlorodibenzodioxins (Total)	0.00025					0.000253	0.000253		
CALA-08-15364	pre-2008	Heptachlorodibenzodioxins (Total)	0.00021					0.000206	0.000206		
CALA-08-15363	pre-2008	Heptachlorodibenzodioxins (Total)	0.00017					0.000166	0.000166		
CALA-08-15353	2008	Heptachlorodibenzodioxins (Total)	0.00014					0.000138	0.000138		
CALA-08-15352	2008	Heptachlorodibenzodioxins (Total)	0.00014					0.000135	0.000135		
CALA-08-15360	pre-2008	Heptachlorodibenzodioxins (Total)	0.00011					0.000112	0.000112		
CALA-08-15361	pre-2008	Heptachlorodibenzodioxins (Total)	0.00011					0.00011	0.00011		
CALA-08-15366	pre-2008	Heptachlorodibenzodioxins (Total)	8.2E-05					8.19E-05	0.0000819		
CALA-08-15359	pre-2008	Heptachlorodibenzodioxins (Total)	6.9E-05					6.93E-05	0.0000693		
CALA-08-15351	2008	Heptachlorodibenzodioxins (Total)	6.1E-05					6.14E-05	0.0000614		
CALA-08-15365	pre-2008	Heptachlorodibenzodioxins (Total)	2.7E-05					2.65E-05	0.0000265		
CALA-08-15354	2008	Heptachlorodibenzofuran[1,2,3,4,6,7,8-]	0.00091	0.01	9.1E-06	0.01	9.1E-06	0.000907	0.000907		
CALA-08-15355	2008	Heptachlorodibenzofuran[1,2,3,4,6,7,8-]	0.0005	0.01	5E-06	0.01	5E-06	0.000503	0.000503		
CALA-08-15362	2008	Heptachlorodibenzofuran[1,2,3,4,6,7,8-]	8E-05	0.01	8E-07	0.01	8E-07	8.02E-05	0.0000802		
CALA-08-15358	pre-2008	Heptachlorodibenzofuran[1,2,3,4,6,7,8-]	2.9E-05	0.01	2.9E-07	0.01	2.9E-07	2.86E-05	0.0000286		
CALA-08-15357	2008	Heptachlorodibenzofuran[1,2,3,4,6,7,8-]	2.7E-05	0.01	2.7E-07	0.01	2.7E-07	0.000027	0.000027		
CALA-08-15364	pre-2008	Heptachlorodibenzofuran[1,2,3,4,6,7,8-]	2.3E-05	0.01	2.3E-07	0.01	2.3E-07	0.000023	0.000023		
CALA-08-15363	pre-2008	Heptachlorodibenzofuran[1,2,3,4,6,7,8-]	1.9E-05	0.01	1.9E-07	0.01	1.9E-07	1.92E-05	0.0000192		
CALA-08-15352	2008	Heptachlorodibenzofuran[1,2,3,4,6,7,8-]	1.7E-05	0.01	1.7E-07	0.01	1.7E-07	1.69E-05	0.0000169		
CALA-08-15360	pre-2008	Heptachlorodibenzofuran[1,2,3,4,6,7,8-]	1.4E-05	0.01	1.4E-07	0.01	1.4E-07	1.39E-05	0.0000139		
CALA-08-15361	pre-2008	Heptachlorodibenzofuran[1,2,3,4,6,7,8-]	1.2E-05	0.01	1.2E-07	0.01	1.2E-07	1.17E-05	0.0000117		
CALA-08-15353	2008	Heptachlorodibenzofuran[1,2,3,4,6,7,8-]	1.1E-05	0.01	1.1E-07	0.01	1.1E-07	1.13E-05	0.0000113		
CALA-08-15359	pre-2008	Heptachlorodibenzofuran[1,2,3,4,6,7,8-]	9.9E-06	0.01	9.9E-08	0.01	9.9E-08	9.9E-06	0.0000099		
CALA-08-15366	pre-2008	Heptachlorodibenzofuran[1,2,3,4,6,7,8-]	7.8E-06	0.01	7.8E-08	0.01	7.8E-08	7.77E-06	0.0000077		

0.01	6.8E-07	0.01	6.8E-07	6.76E-05	0.0000676				Alta Analytical	0.0000 to 0.2300	LA-603721
0.01	3.8E-07	0.01	3.8E-07	3.78E-05	0.0000378				Alta Analytical	0.0000 to 0.1000	LA-603722
0.01	6.9E-08	0.01	6.9E-08	6.92E-06	0.00000692				Alta Analytical	0.0000 to 0.5900	LA-603724
0.01	2.3E-08	0.01	2.3E-08	2.28E-06	0.00000228	J	J_LAB	J	Alta Analytical	1.4400 to 1.8000	LA-603723
0.01	1.9E-08	0.01	1.9E-08	1.89E-06	0.00000189	J	J_LAB	J	Alta Analytical	0.1300 to 0.5600	LA-603723
0.01	1.8E-08	0.01	1.8E-08	1.83E-06	0.00000183	J	J_LAB	J	Alta Analytical	0.8200 to 1.1500	LA-603724
0.01	1.8E-08	0.01	1.8E-08	1.82E-06	0.00000182	J	J_LAB	J	Alta Analytical	1.5400 to 2.0700	LA-603724
0.01	1E-08	0.01	1E-08	1.01E-06	0.00000101	J	J_LAB	J	Alta Analytical	4.1000 to 5.0200	LA-603723
0.01	7.7E-09	0.01	7.7E-09	7.73E-07	7.73E-07	J	J_LAB	J	Alta Analytical	2.4000 to 2.8200	LA-603723
				0.00396	0.00396				Alta Analytical	0.0000 to 0.2300	LA-603721
				0.0021	0.0021				Alta Analytical	0.0000 to 0.1000	LA-603722
				0.000332	0.000332				Alta Analytical	0.0000 to 0.5900	LA-603724
				8.52E-05	0.0000852				Alta Analytical	0.1300 to 0.5600	LA-603723
				0.000084	0.000084				Alta Analytical	1.4400 to 1.8000	LA-603723
				0.000078	0.000078				Alta Analytical	0.8200 to 1.1500	LA-603724
				0.00007	0.00007				Alta Analytical	1.5400 to 2.0700	LA-603724
				5.57E-05	0.0000557				Alta Analytical	1.1500 to 1.3800	LA-603724
				4.24E-05	0.0000424				Alta Analytical	0.0000 to 0.5900	LA-603720
				0.000035	0.000035				Alta Analytical	3.7100 to 4.1000	LA-603723
				3.25E-05	0.0000325				Alta Analytical	4.1000 to 5.0200	LA-603723
				2.52E-05	0.0000252				Alta Analytical	2.4000 to 2.8200	LA-603723
				2.35E-05	0.0000235				Alta Analytical	4.1700 to 5.5400	LA-603724
				2.22E-05	0.0000222				Alta Analytical	0.5600 to 0.8200	LA-603723
				0.000011	0.000011				Alta Analytical	2.6200 to 2.9200	LA-603724
0.1	3E-06	0.05	1.5E-06	3.03E-05	0.0000303				Alta Analytical	0.0000 to 0.2300	LA-603721
0.1	2E-06	0.05	9.8E-07	1.96E-05	0.0000196				Alta Analytical	0.0000 to 0.1000	LA-603722
0.1	3.1E-07	0.05	1.6E-07	3.14E-06	0.00000314				Alta Analytical	0.0000 to 0.5900	LA-603724
0.1	1.3E-07	0.05	6.5E-08	1.29E-06	0.00000129	J	J_LAB	J	Alta Analytical	0.1300 to 0.5600	LA-603723
0.1	1E-07	0.05	5.2E-08	1.04E-06	0.00000104	J	J_LAB	J	Alta Analytical	1.5400 to 2.0700	LA-603724
0.1	8.2E-08	0.05	4.1E-08	8.17E-07	8.17E-07	J	J_LAB	J	Alta Analytical	4.1700 to 5.5400	LA-603724
0.1	6.8E-08	0.05	3.4E-08	6.84E-07	6.84E-07	J	J_LAB	J	Alta Analytical	2.4000 to 2.8200	LA-603723
0.1	1.6E-05	0.01	1.6E-06	0.000163	0.000163				Alta Analytical	0.0000 to 0.2300	LA-603721
0.1	9E-06	0.01	9E-07	9.01E-05	0.0000901				Alta Analytical	0.0000 to 0.1000	LA-603722
0.1	1.3E-06	0.01	1.3E-07	0.000013	0.000013				Alta Analytical	0.0000 to 0.5900	LA-603724
0.1	4E-07	0.01	4E-08	3.98E-06	0.00000398				Alta Analytical	0.1300 to 0.5600	LA-603723
0.1	3.1E-07	0.01	3.1E-08	3.06E-06	0.00000306				Alta Analytical	1.5400 to 2.0700	LA-603724
0.1	2.6E-07	0.01	2.6E-08	2.61E-06	0.00000261				Alta Analytical	1.1500 to 1.3800	LA-603724
0.1	2.4E-07	0.01	2.4E-08	2.42E-06	0.00000242	J	J_LAB	J	Alta Analytical	0.0000 to 0.5900	LA-603720
0.1	2.1E-07	0.01	2.1E-08	2.1E-06	0.0000021	J	J_LAB	J	Alta Analytical	3.7100 to 4.1000	LA-603723
0.1	1.9E-07	0.01	1.9E-08	1.9E-06	0.0000019	J	J_LAB	J	Alta Analytical	4.1000 to 5.0200	LA-603723
0.1	1.5E-07	0.01	1.5E-08	1.46E-06	0.00000146	J	J_LAB	J	Alta Analytical	2.4000 to 2.8200	LA-603723
0.1	1.2E-07	0.01	1.2E-08	1.16E-06	0.00000116	J	J_LAB	J	Alta Analytical	0.5600 to 0.8200	LA-603723
0.1	6.1E-06	0.1	6.1E-06	6.11E-05	0.0000611				Alta Analytical	0.0000 to 0.2300	LA-603721
0.1	3.4E-06	0.1	3.4E-06	3.36E-05	0.0000336				Alta Analytical	0.0000 to 0.1000	LA-603722
0.1	5.4E-07	0.1	5.4E-07	5.39E-06	0.00000539				Alta Analytical	0.0000 to 0.5900	LA-603724

CALA-08-15361	pre-2008	Hexachlorodibenzodioxin[1,2,3,7,8,9-]	1.7E-06	0.1	1.7E-07	0.1	1.7E-07	1.69E-06	0.00000169	J	J_LAE
CALA-08-15363	pre-2008	Hexachlorodibenzodioxin[1,2,3,7,8,9-]	1.6E-06	0.1	1.6E-07	0.1	1.6E-07	1.64E-06	0.00000164	J	J_LAE
CALA-08-15366	pre-2008	Hexachlorodibenzodioxin[1,2,3,7,8,9-]	1.3E-06	0.1	1.3E-07	0.1	1.3E-07	1.3E-06	0.0000013	J	J_LAE
CALA-08-15353	2008	Hexachlorodibenzodioxin[1,2,3,7,8,9-]	9.5E-07	0.1	9.5E-08	0.1	9.5E-08	9.52E-07	9.52E-07	J	J_LAE
CALA-08-15351	2008	Hexachlorodibenzodioxin[1,2,3,7,8,9-]	6.2E-07	0.1	6.2E-08	0.1	6.2E-08	6.2E-07	0.00000062	J	J_LAE
CALA-08-15354	2008	Hexachlorodibenzodioxins (Total)	0.00123					0.00123	0.00123		
CALA-08-15355	2008	Hexachlorodibenzodioxins (Total)	0.00074					0.000736	0.000736		
CALA-08-15362	2008	Hexachlorodibenzodioxins (Total)	9.9E-05					9.85E-05	0.0000985		
CALA-08-15357	2008	Hexachlorodibenzodioxins (Total)	3.2E-05					3.19E-05	0.0000319		
CALA-08-15358	pre-2008	Hexachlorodibenzodioxins (Total)	2.8E-05					2.83E-05	0.0000283		
CALA-08-15364	pre-2008	Hexachlorodibenzodioxins (Total)	2.7E-05					2.69E-05	0.0000269		
CALA-08-15363	pre-2008	Hexachlorodibenzodioxins (Total)	2.1E-05					2.13E-05	0.0000213		
CALA-08-15361	pre-2008	Hexachlorodibenzodioxins (Total)	1.7E-05					1.71E-05	0.0000171		
CALA-08-15360	pre-2008	Hexachlorodibenzodioxins (Total)	1.6E-05					1.62E-05	0.0000162		
CALA-08-15353	2008	Hexachlorodibenzodioxins (Total)	1.6E-05					0.000016	0.000016		
CALA-08-15366	pre-2008	Hexachlorodibenzodioxins (Total)	1.4E-05					1.38E-05	0.0000138		
CALA-08-15359	pre-2008	Hexachlorodibenzodioxins (Total)	1.1E-05					1.06E-05	0.0000106		
CALA-08-15351	2008	Hexachlorodibenzodioxins (Total)	7.4E-06					7.43E-06	0.00000743		
CALA-08-15352	2008	Hexachlorodibenzodioxins (Total)	5.3E-06					5.25E-06	0.00000525		
CALA-08-15365	pre-2008	Hexachlorodibenzodioxins (Total)	3.7E-06					3.7E-06	0.0000037		
CALA-08-15354	2008	Hexachlorodibenzofuran[1,2,3,4,7,8-]	2.2E-05	0.1	2.2E-06	0.1	2.2E-06	2.17E-05	0.0000217		
CALA-08-15355	2008	Hexachlorodibenzofuran[1,2,3,4,7,8-]	1.3E-05	0.1	1.3E-06	0.1	1.3E-06	1.27E-05	0.0000127		
CALA-08-15362	2008	Hexachlorodibenzofuran[1,2,3,4,7,8-]	3.9E-06	0.1	3.9E-07	0.1	3.9E-07	3.87E-06	0.00000387		
CALA-08-15357	2008	Hexachlorodibenzofuran[1,2,3,4,7,8-]	2.3E-06	0.1	2.3E-07	0.1	2.3E-07	2.28E-06	0.00000228	J	J_LAE
CALA-08-15358	pre-2008	Hexachlorodibenzofuran[1,2,3,4,7,8-]	2.2E-06	0.1	2.2E-07	0.1	2.2E-07	2.2E-06	0.0000022	J	J_LAE
CALA-08-15364	pre-2008	Hexachlorodibenzofuran[1,2,3,4,7,8-]	2E-06	0.1	2E-07	0.1	2E-07	2.01E-06	0.00000201	J	J_LAE
CALA-08-15360	pre-2008	Hexachlorodibenzofuran[1,2,3,4,7,8-]	1.5E-06	0.1	1.5E-07	0.1	1.5E-07	1.54E-06	0.00000154	J	J_LAE
CALA-08-15359	pre-2008	Hexachlorodibenzofuran[1,2,3,4,7,8-]	1.1E-06	0.1	1.1E-07	0.1	1.1E-07	1.05E-06	0.00000105	J	J_LAE
CALA-08-15361	pre-2008	Hexachlorodibenzofuran[1,2,3,4,7,8-]	1E-06	0.1	1E-07	0.1	1E-07	1.03E-06	0.00000103	J	J_LAE
CALA-08-15351	2008	Hexachlorodibenzofuran[1,2,3,4,7,8-]	5.7E-07	0.1	5.7E-08	0.1	5.7E-08	5.66E-07	5.66E-07	J	J_LAE
CALA-08-15354	2008	Hexachlorodibenzofuran[1,2,3,6,7,8-]	1.7E-05	0.1	1.7E-06	0.1	1.7E-06	1.74E-05	0.0000174		
CALA-08-15355	2008	Hexachlorodibenzofuran[1,2,3,6,7,8-]	1.1E-05	0.1	1.1E-06	0.1	1.1E-06	1.06E-05	0.0000106		
CALA-08-15362	2008	Hexachlorodibenzofuran[1,2,3,6,7,8-]	2.3E-06	0.1	2.3E-07	0.1	2.3E-07	2.32E-06	0.00000232	J	J_LAE
CALA-08-15358	pre-2008	Hexachlorodibenzofuran[1,2,3,6,7,8-]	1.5E-06	0.1	1.5E-07	0.1	1.5E-07	1.49E-06	0.00000149	J	J_LAE
CALA-08-15364	pre-2008	Hexachlorodibenzofuran[1,2,3,6,7,8-]	1.5E-06	0.1	1.5E-07	0.1	1.5E-07	1.47E-06	0.00000147	J	J_LAE
CALA-08-15357	2008	Hexachlorodibenzofuran[1,2,3,6,7,8-]	1.4E-06	0.1	1.4E-07	0.1	1.4E-07	1.36E-06	0.00000136	J	J_LAE
CALA-08-15363	pre-2008	Hexachlorodibenzofuran[1,2,3,6,7,8-]	1.2E-06	0.1	1.2E-07	0.1	1.2E-07	1.22E-06	0.00000122	J	J_LAE
CALA-08-15366	pre-2008	Hexachlorodibenzofuran[1,2,3,6,7,8-]	5.1E-07	0.1	5.1E-08	0.1	5.1E-08	5.08E-07	5.08E-07	J	J_LAE
CALA-08-15355	2008	Hexachlorodibenzofuran[1,2,3,7,8,9-]	3E-06	0.1	3E-07	0.1	3E-07	3.01E-06	0.00000301		
CALA-08-15354	2008	Hexachlorodibenzofuran[2,3,4,6,7,8-]	3.3E-05	0.1	3.3E-06	0.1	3.3E-06	3.34E-05	0.0000334		
CALA-08-15355	2008	Hexachlorodibenzofuran[2,3,4,6,7,8-]	0.00002	0.1	2E-06	0.1	2E-06	0.00002	0.00002		
CALA-08-15362	2008	Hexachlorodibenzofuran[2,3,4,6,7,8-]	3.6E-06	0.1	3.6E-07	0.1	3.6E-07	3.58E-06	0.00000358		
CALA-08-15358	pre-2008	Hexachlorodibenzofuran[2,3,4,6,7,8-]	2.5E-06	0.1	2.5E-07	0.1	2.5E-07	2.47E-06	0.00000247	J	J_LAE
CALA-08-15364	pre-2008	Hexachlorodibenzofuran[2,3,4,6,7,8-]	2.1E-06	0.1	2.1E-07	0.1	2.1E-07	2.08E-06	0.00000208	J	J_LAE
CALA-08-15357	2008	Hexachlorodibenzofuran[2,3,4,6,7,8-]	2E-06	0.1	2E-07	0.1	2E-07	2.03E-06	0.00000203	J	J_LAE
CALA-08-15363	pre-2008	Hexachlorodibenzofuran[2,3,4,6,7,8-]	1.7E-06	0.1	1.7E-07	0.1	1.7E-07	1.69E-06	0.00000169	J	J_LAE
CALA-08-15360	pre-2008	Hexachlorodibenzofuran[2,3,4,6,7,8-]	1.4E-06	0.1	1.4E-07	0.1	1.4E-07	1.41E-06	0.00000141	J	J_LAE

0.1	9.8E-08	0.1	9.8E-08	9.78E-07	9.78E-07	J	J_LAB	J	Alta Analytical	4.1700 to 5.5400	LA-603724
0.1	7.1E-08	0.1	7.1E-08	7.07E-07	7.07E-07	J	J_LAB	J	Alta Analytical	0.0000 to 0.5900	LA-603720
				0.000991	0.000991				Alta Analytical	0.0000 to 0.2300	LA-603721
				0.000561	0.000561				Alta Analytical	0.0000 to 0.1000	LA-603722
				9.47E-05	0.0000947				Alta Analytical	0.0000 to 0.5900	LA-603724
				4.07E-05	0.0000407				Alta Analytical	1.4400 to 1.8000	LA-603723
				3.69E-05	0.0000369				Alta Analytical	0.1300 to 0.5600	LA-603723
				3.58E-05	0.0000358				Alta Analytical	1.5400 to 2.0700	LA-603724
				2.79E-05	0.0000279				Alta Analytical	1.1500 to 1.3800	LA-603724
				2.08E-05	0.0000208				Alta Analytical	3.7100 to 4.1000	LA-603723
				1.82E-05	0.0000182				Alta Analytical	4.1000 to 5.0200	LA-603723
				1.48E-05	0.0000148				Alta Analytical	2.4000 to 2.8200	LA-603723
				1.47E-05	0.0000147				Alta Analytical	0.0000 to 0.5900	LA-603720
				1.35E-05	0.0000135				Alta Analytical	4.1700 to 5.5400	LA-603724
				8.79E-06	0.00000879				Alta Analytical	0.5600 to 0.8200	LA-603723
				8.15E-06	0.00000815				Alta Analytical	0.8200 to 1.1500	LA-603724
				5.44E-06	0.00000544				Alta Analytical	2.6200 to 2.9200	LA-603724
0.0003	2.1E-05	0.0001	7E-06	0.0702	0.0702	J	DF7c	B	Alta Analytical	0.0000 to 0.2300	LA-603721
0.0003	1.2E-05	0.0001	4E-06	0.0399	0.0399	J	DF7c	B	Alta Analytical	0.0000 to 0.1000	LA-603722
0.0003	1.8E-06	0.0001	6E-07	0.00602	0.00602	J	DF7c	B	Alta Analytical	0.0000 to 0.5900	LA-603724
0.0003	4.4E-07	0.0001	1.5E-07	0.00145	0.00145	J	DF7c	B	Alta Analytical	0.1300 to 0.5600	LA-603723
0.0003	4.3E-07	0.0001	1.4E-07	0.00142	0.00142	J	DF7c	B	Alta Analytical	1.4400 to 1.8000	LA-603723
0.0003	3.5E-07	0.0001	1.2E-07	0.00116	0.00116	J	DF7c	B	Alta Analytical	1.5400 to 2.0700	LA-603724
0.0003	3.3E-07	0.0001	1.1E-07	0.00111	0.00111	J	DF7c	B	Alta Analytical	0.8200 to 1.1500	LA-603724
0.0003	3E-07	0.0001	1E-07	0.001	0.001	J	DF7c	B	Alta Analytical	1.1500 to 1.3800	LA-603724
0.0003	2.6E-07	0.0001	8.6E-08	0.000864	0.000864	J	DF7c	B	Alta Analytical	0.0000 to 0.5900	LA-603720
0.0003	1.8E-07	0.0001	6E-08	0.000603	0.000603	J	DF7c	B	Alta Analytical	4.1000 to 5.0200	LA-603723
0.0003	1.5E-07	0.0001	5.1E-08	0.000511	0.000511	J	DF7c	B	Alta Analytical	3.7100 to 4.1000	LA-603723
0.0003	1.1E-07	0.0001	3.7E-08	0.000368	0.000368	J	DF7c	B	Alta Analytical	4.1700 to 5.5400	LA-603724
0.0003	1E-07	0.0001	3.4E-08	0.000344	0.000344	J	DF7c	B	Alta Analytical	0.5600 to 0.8200	LA-603723
0.0003	9.1E-08	0.0001	3E-08	0.000303	0.000303	J	DF7c	B	Alta Analytical	2.4000 to 2.8200	LA-603723
0.0003	3.5E-08	0.0001	1.2E-08	0.000117	0.000117	J	DF4a	B	Alta Analytical	2.6200 to 2.9200	LA-603724
0.0003	8.1E-07	0.0001	2.7E-07	0.0027	0.0027				Alta Analytical	0.0000 to 0.2300	LA-603721
0.0003	4.3E-07	0.0001	1.4E-07	0.00144	0.00144				Alta Analytical	0.0000 to 0.1000	LA-603722
0.0003	8.3E-08	0.0001	2.8E-08	0.000277	0.000277				Alta Analytical	0.0000 to 0.5900	LA-603724
0.0003	2.1E-08	0.0001	7E-09	6.95E-05	0.0000695				Alta Analytical	1.4400 to 1.8000	LA-603723
0.0003	1.9E-08	0.0001	6.3E-09	6.29E-05	0.0000629				Alta Analytical	0.1300 to 0.5600	LA-603723
0.0003	1.9E-08	0.0001	6.3E-09	6.28E-05	0.0000628				Alta Analytical	0.8200 to 1.1500	LA-603724
0.0003	1.6E-08	0.0001	5.3E-09	5.33E-05	0.0000533				Alta Analytical	1.5400 to 2.0700	LA-603724
0.0003	1.4E-08	0.0001	4.6E-09	4.57E-05	0.0000457				Alta Analytical	1.1500 to 1.3800	LA-603724
0.0003	9.6E-09	0.0001	3.2E-09	0.000032	0.000032				Alta Analytical	3.7100 to 4.1000	LA-603723
0.0003	7.7E-09	0.0001	2.6E-09	2.55E-05	0.0000255				Alta Analytical	4.1000 to 5.0200	LA-603723
0.0003	7.5E-09	0.0001	2.5E-09	2.49E-05	0.0000249				Alta Analytical	0.0000 to 0.5900	LA-603720
0.0003	5.9E-09	0.0001	2E-09	1.96E-05	0.0000196				Alta Analytical	2.4000 to 2.8200	LA-603723
0.0003	5.4E-09	0.0001	1.8E-09	1.79E-05	0.0000179				Alta Analytical	4.1700 to 5.5400	LA-603724
0.0003	4.3E-09	0.0001	1.4E-09	1.42E-05	0.0000142				Alta Analytical	0.5600 to 0.8200	LA-603723

CALA-08-15355	2008	Pentachlorodibenzodioxin[1,2,3,7,8-]	8E-06	1	8E-06	1	8E-06	8.01E-06	0.00000801		
CALA-08-15358	pre-2008	Pentachlorodibenzodioxin[1,2,3,7,8-]	1E-06	1	1E-06	1	1E-06	0.000001	0.000001	J	J_LAB
CALA-08-15361	pre-2008	Pentachlorodibenzodioxin[1,2,3,7,8-]	5.1E-07	1	5.1E-07	1	5.1E-07	5.11E-07	5.11E-07	J	J_LAB
CALA-08-15359	pre-2008	Pentachlorodibenzodioxin[1,2,3,7,8-]	3.1E-07	1	3.1E-07	1	3.1E-07	3.05E-07	3.05E-07	J	J_LAB
CALA-08-15354	2008	Pentachlorodibenzodioxins (Total)	0.0001					0.000101	0.000101		
CALA-08-15355	2008	Pentachlorodibenzodioxins (Total)	6.3E-05					6.32E-05	0.0000632		
CALA-08-15366	pre-2008	Pentachlorodibenzodioxins (Total)	1.2E-05					1.18E-05	0.0000118		
CALA-08-15362	2008	Pentachlorodibenzodioxins (Total)	6E-06					6.02E-06	0.00000602		
CALA-08-15358	pre-2008	Pentachlorodibenzodioxins (Total)	3.3E-06					3.26E-06	0.00000326		
CALA-08-15359	pre-2008	Pentachlorodibenzodioxins (Total)	1.5E-06					1.45E-06	0.00000145		
CALA-08-15361	pre-2008	Pentachlorodibenzodioxins (Total)	1.3E-06					1.26E-06	0.00000126		
CALA-08-15364	pre-2008	Pentachlorodibenzodioxins (Total)	6.5E-07					6.52E-07	6.52E-07		
CALA-08-15357	2008	Pentachlorodibenzodioxins (Total)	6.1E-07					6.11E-07	6.11E-07		
CALA-08-15354	2008	Pentachlorodibenzofuran[1,2,3,7,8-]	1.8E-06	0.03	5.4E-08	0.1	1.8E-07	1.81E-06	0.00000181	J	J_LAB
CALA-08-15355	2008	Pentachlorodibenzofuran[1,2,3,7,8-]	1.4E-06	0.03	4.3E-08	0.1	1.4E-07	1.42E-06	0.00000142	J	J_LAB
CALA-08-15362	2008	Pentachlorodibenzofuran[1,2,3,7,8-]	9.6E-07	0.03	2.9E-08	0.1	9.6E-08	9.64E-07	9.64E-07	J	J_LAB
CALA-08-15357	2008	Pentachlorodibenzofuran[1,2,3,7,8-]	8E-07	0.03	2.4E-08	0.1	8E-08	7.96E-07	7.96E-07	J	J_LAB
CALA-08-15358	pre-2008	Pentachlorodibenzofuran[1,2,3,7,8-]	7E-07	0.03	2.1E-08	0.1	7E-08	7.03E-07	7.03E-07	J	J_LAB
CALA-08-15361	pre-2008	Pentachlorodibenzofuran[1,2,3,7,8-]	4.9E-07	0.03	1.5E-08	0.1	4.9E-08	4.94E-07	4.94E-07	J	J_LAB
CALA-08-15354	2008	Pentachlorodibenzofuran[2,3,4,7,8-]	5.5E-06	0.3	1.7E-06	1	5.5E-06	5.52E-06	0.00000552		
CALA-08-15355	2008	Pentachlorodibenzofuran[2,3,4,7,8-]	3.9E-06	0.3	1.2E-06	1	3.9E-06	3.91E-06	0.00000391		
CALA-08-15364	pre-2008	Pentachlorodibenzofuran[2,3,4,7,8-]	2.1E-06	0.3	6.3E-07	1	2.1E-06	2.11E-06	0.00000211	J	J_LAB
CALA-08-15358	pre-2008	Pentachlorodibenzofuran[2,3,4,7,8-]	2.1E-06	0.3	6.2E-07	1	2.1E-06	2.07E-06	0.00000207	J	J_LAB
CALA-08-15362	2008	Pentachlorodibenzofuran[2,3,4,7,8-]	1.5E-06	0.3	4.4E-07	1	1.5E-06	1.48E-06	0.00000148	J	J_LAB
CALA-08-15357	2008	Pentachlorodibenzofuran[2,3,4,7,8-]	1.5E-06	0.3	4.4E-07	1	1.5E-06	1.46E-06	0.00000146	J	J_LAB
CALA-08-15360	pre-2008	Pentachlorodibenzofuran[2,3,4,7,8-]	1.2E-06	0.3	3.7E-07	1	1.2E-06	1.24E-06	0.00000124	J	J_LAB
CALA-08-15354	2008	Pentachlorodibenzofurans (Totals)	0.00018					0.000175	0.000175		
CALA-08-15355	2008	Pentachlorodibenzofurans (Totals)	0.00011					0.000112	0.000112		
CALA-08-15362	2008	Pentachlorodibenzofurans (Totals)	2.8E-05					0.000028	0.000028		
CALA-08-15358	pre-2008	Pentachlorodibenzofurans (Totals)	2.7E-05					2.73E-05	0.0000273		
CALA-08-15364	pre-2008	Pentachlorodibenzofurans (Totals)	2.6E-05					2.62E-05	0.0000262		
CALA-08-15357	2008	Pentachlorodibenzofurans (Totals)	1.8E-05					1.82E-05	0.0000182		
CALA-08-15363	pre-2008	Pentachlorodibenzofurans (Totals)	1.8E-05					1.78E-05	0.0000178		
CALA-08-15360	pre-2008	Pentachlorodibenzofurans (Totals)	1.7E-05					1.71E-05	0.0000171		
CALA-08-15361	pre-2008	Pentachlorodibenzofurans (Totals)	1.3E-05					1.26E-05	0.0000126		
CALA-08-15366	pre-2008	Pentachlorodibenzofurans (Totals)	1.2E-05					1.18E-05	0.0000118		
CALA-08-15359	pre-2008	Pentachlorodibenzofurans (Totals)	9.2E-06					9.2E-06	0.0000092		
CALA-08-15351	2008	Pentachlorodibenzofurans (Totals)	4.8E-06					4.81E-06	0.00000481		
CALA-08-15353	2008	Pentachlorodibenzofurans (Totals)	3.2E-06					3.17E-06	0.00000317		
CALA-08-15365	pre-2008	Pentachlorodibenzofurans (Totals)	2.4E-06					2.36E-06	0.00000236		
CALA-08-15352	2008	Pentachlorodibenzofurans (Totals)	7.8E-07					7.8E-07	0.00000078		
CALA-08-15355	2008	Tetrachlorodibenzodioxin[2,3,7,8-]	1.1E-06	1	1.1E-06	1	1.1E-06	1.07E-06	0.00000107		
CALA-08-15354	2008	Tetrachlorodibenzodioxins (Total)	8.2E-06					8.16E-06	0.00000816		
CALA-08-15355	2008	Tetrachlorodibenzodioxins (Total)	4.6E-06					4.62E-06	0.00000462		
CALA-08-15361	pre-2008	Tetrachlorodibenzodioxins (Total)	1.8E-06					1.81E-06	0.00000181		

0.1	1.9E-07	1	1.9E-06	1.94E-06	0.00000194	Alta Analytical	1.4400 to 1.8000	LA-603723
0.1	1.5E-07	1	1.5E-06	1.54E-06	0.00000154	Alta Analytical	1.5400 to 2.0700	LA-603724
0.1	1.4E-07	1	1.4E-06	1.38E-06	0.00000138	Alta Analytical	1.1500 to 1.3800	LA-603724
0.1	1.2E-07	1	1.2E-06	1.17E-06	0.00000117	Alta Analytical	0.0000 to 0.5900	LA-603724
0.1	1.1E-07	1	1.1E-06	1.14E-06	0.00000114	Alta Analytical	0.0000 to 0.1000	LA-603722
0.1	1.1E-07	1	1.1E-06	1.05E-06	0.00000105	Alta Analytical	0.0000 to 0.2300	LA-603721
0.1	1.1E-07	1	1.1E-06	1.05E-06	0.00000105	Alta Analytical	3.7100 to 4.1000	LA-603723
				2.73E-05	0.0000273	Alta Analytical	0.0000 to 0.2300	LA-603721
				1.38E-05	0.0000138	Alta Analytical	0.0000 to 0.1000	LA-603722
				0.000013	0.000013	Alta Analytical	1.4400 to 1.8000	LA-603723
				1.05E-05	0.0000105	Alta Analytical	1.5400 to 2.0700	LA-603724
				6.77E-06	0.00000677	Alta Analytical	3.7100 to 4.1000	LA-603723
				6.42E-06	0.00000642	Alta Analytical	0.0000 to 0.5900	LA-603724
				5.84E-06	0.00000584	Alta Analytical	0.1300 to 0.5600	LA-603723
				5.52E-06	0.00000552	Alta Analytical	1.1500 to 1.3800	LA-603724
				4.85E-06	0.00000485	Alta Analytical	4.1000 to 5.0200	LA-603723
				3.26E-06	0.00000326	Alta Analytical	4.1700 to 5.5400	LA-603724
				1.75E-06	0.00000175	Alta Analytical	2.4000 to 2.8200	LA-603723

Location ID	Sample ID	Depth (ft)	Inferred Age	Sum of mammal TEC (mg/kg)	Sum of bird TEC (mg/kg)	mammal soil ESL (mg/kg)	HQ
LA-603720	CALA-08-15353	0.0000 to 0.5900	2008	1.45457E-06	3.9199E-07	2.9E-07	5.015758621
LA-603721	CALA-08-15354	0.0000 to 0.2300	2008	0.000137821	0.000053992	2.9E-07	475.2458621
LA-603722	CALA-08-15355	0.0000 to 0.1000	2008	8.00806E-05	0.000033686	2.9E-07	276.14
LA-603723	CALA-08-15351	0.5600 to 0.8200	2008	7.1466E-07	2.3462E-07	2.9E-07	2.464344828
LA-603723	CALA-08-15357	0.1300 to 0.5600	2008	3.82265E-06	2.88509E-06	2.9E-07	13.18155172
LA-603723	CALA-08-15358	1.4400 to 1.8000	pre-2008	4.86674E-06	6.44305E-06	2.9E-07	16.78186207
LA-603723	CALA-08-15359	2.4000 to 2.8200	pre-2008	1.29191E-06	7.0379E-07	2.9E-07	4.454862069
LA-603723	CALA-08-15360	3.7100 to 4.1000	pre-2008	1.8359E-06	2.7993E-06	2.9E-07	6.330689655
LA-603723	CALA-08-15361	4.1000 to 5.0200	pre-2008	1.93247E-06	1.15335E-06	2.9E-07	6.663689655
LA-603724	CALA-08-15352	0.8200 to 1.1500	2008	1.22214E-06	3.0458E-07	2.9E-07	4.214275862
LA-603724	CALA-08-15362	0.0000 to 0.5900	2008	1.11202E-05	6.0503E-06	2.9E-07	38.34558621
LA-603724	CALA-08-15363	1.1500 to 1.3800	pre-2008	2.19571E-06	2.15767E-06	2.9E-07	7.571413793
LA-603724	CALA-08-15364	1.5400 to 2.0700	pre-2008	3.56619E-06	4.83913E-06	2.9E-07	12.2972069
LA-603724	CALA-08-15365	2.6200 to 2.9200	pre-2008	2.19379E-07	5.7393E-08	2.9E-07	0.75647931
LA-603724	CALA-08-15366	4.1700 to 5.5400	pre-2008	9.2777E-07	4.3574E-07	2.9E-07	3.199206897

Sample ID	Inferred Age	Analyte	Std Result (mg/kg)	Std MDL	Std Quant Limit	Reporting Qualifier	Reporting Qualifier Reason	Lab Qualifier	Lab Name	Depth (ft)
CALA-08-15354	2008	Heptachlorodibenzodioxin[1,2,3,4,6,7,8-]	0.0058	0.0058	0.0058				Alta Analytical	0.0000 to 0
CALA-08-15355	2008	Heptachlorodibenzodioxin[1,2,3,4,6,7,8-]	0.00329	0.00329	0.00329				Alta Analytical	0.0000 to 0
CALA-08-15362	2008	Heptachlorodibenzodioxin[1,2,3,4,6,7,8-]	0.000464	0.000464	0.000464				Alta Analytical	0.0000 to 0
CALA-08-15358	pre-2008	Heptachlorodibenzodioxin[1,2,3,4,6,7,8-]	0.000137	0.000137	0.000137				Alta Analytical	1.4400 to 1
CALA-08-15357	2008	Heptachlorodibenzodioxin[1,2,3,4,6,7,8-]	0.000129	0.000129	0.000129				Alta Analytical	0.1300 to 0
CALA-08-15364	pre-2008	Heptachlorodibenzodioxin[1,2,3,4,6,7,8-]	0.000102	0.000102	0.000102				Alta Analytical	1.5400 to 2
CALA-08-15363	pre-2008	Heptachlorodibenzodioxin[1,2,3,4,6,7,8-]	8.36E-05	8.36E-05	0.0000836				Alta Analytical	1.1500 to 1
CALA-08-15352	2008	Heptachlorodibenzodioxin[1,2,3,4,6,7,8-]	6.83E-05	6.83E-05	0.0000683				Alta Analytical	0.8200 to 1
CALA-08-15353	2008	Heptachlorodibenzodioxin[1,2,3,4,6,7,8-]	6.67E-05	6.67E-05	0.0000667				Alta Analytical	0.0000 to 0
CALA-08-15360	pre-2008	Heptachlorodibenzodioxin[1,2,3,4,6,7,8-]	5.52E-05	5.52E-05	0.0000552				Alta Analytical	3.7100 to 4
CALA-08-15361	pre-2008	Heptachlorodibenzodioxin[1,2,3,4,6,7,8-]	5.17E-05	5.17E-05	0.0000517				Alta Analytical	4.1000 to 5
CALA-08-15366	pre-2008	Heptachlorodibenzodioxin[1,2,3,4,6,7,8-]	3.74E-05	3.74E-05	0.0000374				Alta Analytical	4.1700 to 5
CALA-08-15359	pre-2008	Heptachlorodibenzodioxin[1,2,3,4,6,7,8-]	3.58E-05	3.58E-05	0.0000358				Alta Analytical	2.4000 to 2
CALA-08-15351	2008	Heptachlorodibenzodioxin[1,2,3,4,6,7,8-]	3.04E-05	3.04E-05	0.0000304				Alta Analytical	0.5600 to 0
CALA-08-15365	pre-2008	Heptachlorodibenzodioxin[1,2,3,4,6,7,8-]	1.37E-05	1.37E-05	0.0000137				Alta Analytical	2.6200 to 2
CALA-08-15354	2008	Heptachlorodibenzodioxins (Total)	0.0123	0.0123	0.0123				Alta Analytical	0.0000 to 0
CALA-08-15355	2008	Heptachlorodibenzodioxins (Total)	0.00711	0.00711	0.00711				Alta Analytical	0.0000 to 0
CALA-08-15362	2008	Heptachlorodibenzodioxins (Total)	0.000947	0.000947	0.000947				Alta Analytical	0.0000 to 0
CALA-08-15358	pre-2008	Heptachlorodibenzodioxins (Total)	0.000271	0.000271	0.000271				Alta Analytical	1.4400 to 1
CALA-08-15357	2008	Heptachlorodibenzodioxins (Total)	0.000253	0.000253	0.000253				Alta Analytical	0.1300 to 0
CALA-08-15364	pre-2008	Heptachlorodibenzodioxins (Total)	0.000206	0.000206	0.000206				Alta Analytical	1.5400 to 2
CALA-08-15363	pre-2008	Heptachlorodibenzodioxins (Total)	0.000166	0.000166	0.000166				Alta Analytical	1.1500 to 1
CALA-08-15353	2008	Heptachlorodibenzodioxins (Total)	0.000138	0.000138	0.000138				Alta Analytical	0.0000 to 0
CALA-08-15352	2008	Heptachlorodibenzodioxins (Total)	0.000135	0.000135	0.000135				Alta Analytical	0.8200 to 1
CALA-08-15360	pre-2008	Heptachlorodibenzodioxins (Total)	0.000112	0.000112	0.000112				Alta Analytical	3.7100 to 4
CALA-08-15361	pre-2008	Heptachlorodibenzodioxins (Total)	0.00011	0.00011	0.00011				Alta Analytical	4.1000 to 5
CALA-08-15366	pre-2008	Heptachlorodibenzodioxins (Total)	8.19E-05	8.19E-05	0.0000819				Alta Analytical	4.1700 to 5
CALA-08-15359	pre-2008	Heptachlorodibenzodioxins (Total)	6.93E-05	6.93E-05	0.0000693				Alta Analytical	2.4000 to 2
CALA-08-15351	2008	Heptachlorodibenzodioxins (Total)	6.14E-05	6.14E-05	0.0000614				Alta Analytical	0.5600 to 0
CALA-08-15365	pre-2008	Heptachlorodibenzodioxins (Total)	2.65E-05	2.65E-05	0.0000265				Alta Analytical	2.6200 to 2
CALA-08-15354	2008	Heptachlorodibenzofuran[1,2,3,4,6,7,8-]	0.000907	0.000907	0.000907				Alta Analytical	0.0000 to 0
CALA-08-15355	2008	Heptachlorodibenzofuran[1,2,3,4,6,7,8-]	0.000503	0.000503	0.000503				Alta Analytical	0.0000 to 0
CALA-08-15362	2008	Heptachlorodibenzofuran[1,2,3,4,6,7,8-]	8.02E-05	8.02E-05	0.0000802				Alta Analytical	0.0000 to 0
CALA-08-15358	pre-2008	Heptachlorodibenzofuran[1,2,3,4,6,7,8-]	2.86E-05	2.86E-05	0.0000286				Alta Analytical	1.4400 to 1
CALA-08-15357	2008	Heptachlorodibenzofuran[1,2,3,4,6,7,8-]	0.000027	0.000027	0.000027				Alta Analytical	0.1300 to 0
CALA-08-15364	pre-2008	Heptachlorodibenzofuran[1,2,3,4,6,7,8-]	0.000023	0.000023	0.000023				Alta Analytical	1.5400 to 2
CALA-08-15363	pre-2008	Heptachlorodibenzofuran[1,2,3,4,6,7,8-]	1.92E-05	1.92E-05	0.0000192				Alta Analytical	1.1500 to 1
CALA-08-15352	2008	Heptachlorodibenzofuran[1,2,3,4,6,7,8-]	1.69E-05	1.69E-05	0.0000169				Alta Analytical	0.8200 to 1
CALA-08-15360	pre-2008	Heptachlorodibenzofuran[1,2,3,4,6,7,8-]	1.39E-05	1.39E-05	0.0000139				Alta Analytical	3.7100 to 4
CALA-08-15361	pre-2008	Heptachlorodibenzofuran[1,2,3,4,6,7,8-]	1.17E-05	1.17E-05	0.0000117				Alta Analytical	4.1000 to 5
CALA-08-15353	2008	Heptachlorodibenzofuran[1,2,3,4,6,7,8-]	1.13E-05	1.13E-05	0.0000113				Alta Analytical	0.0000 to 0
CALA-08-15359	pre-2008	Heptachlorodibenzofuran[1,2,3,4,6,7,8-]	9.9E-06	9.9E-06	0.0000099				Alta Analytical	2.4000 to 2
CALA-08-15366	pre-2008	Heptachlorodibenzofuran[1,2,3,4,6,7,8-]	7.77E-06	7.77E-06	0.00000777				Alta Analytical	4.1700 to 5
CALA-08-15351	2008	Heptachlorodibenzofuran[1,2,3,4,6,7,8-]	6.86E-06	6.86E-06	0.00000686				Alta Analytical	0.5600 to 0
CALA-08-15365	pre-2008	Heptachlorodibenzofuran[1,2,3,4,6,7,8-]	4.49E-06	4.49E-06	0.00000449				Alta Analytical	[illegible]

1.89E-06	0.00000189	J	J_LAB	J	Alta Analytical	0.1300 to 0.5600	LA-603723
1.83E-06	0.00000183	J	J_LAB	J	Alta Analytical	0.8200 to 1.1500	LA-603724
1.82E-06	0.00000182	J	J_LAB	J	Alta Analytical	1.5400 to 2.0700	LA-603724
1.01E-06	0.00000101	J	J_LAB	J	Alta Analytical	4.1000 to 5.0200	LA-603723
7.73E-07	0.000000773	J	J_LAB	J	Alta Analytical	2.4000 to 2.8200	LA-603723
1.68E-06	0.00000168	U	U_LAB	U	Alta Analytical	1.1500 to 1.3800	LA-603724
9.65E-07	0.000000965	U	U_LAB	U	Alta Analytical	2.6200 to 2.9200	LA-603724
8.59E-07	0.000000859	U	U_LAB	U	Alta Analytical	0.0000 to 0.5900	LA-603720
6.61E-07	0.000000661	U	U_LAB	U	Alta Analytical	3.7100 to 4.1000	LA-603723
4.84E-07	0.000000484	U	U_LAB	U	Alta Analytical	4.1700 to 5.5400	LA-603724
4.79E-07	0.000000479	U	U_LAB	U	Alta Analytical	0.5600 to 0.8200	LA-603723
6.76E-05	0.0000676				Alta Analytical	0.0000 to 0.2300	LA-603721
3.78E-05	0.0000378				Alta Analytical	0.0000 to 0.1000	LA-603722
6.92E-06	0.00000692				Alta Analytical	0.0000 to 0.5900	LA-603724
0.00396	0.00396				Alta Analytical	0.0000 to 0.2300	LA-603721
0.0021	0.0021				Alta Analytical	0.0000 to 0.1000	LA-603722
0.000332	0.000332				Alta Analytical	0.0000 to 0.5900	LA-603724
8.52E-05	0.0000852				Alta Analytical	0.1300 to 0.5600	LA-603723
0.000084	0.000084				Alta Analytical	1.4400 to 1.8000	LA-603723
0.000078	0.000078				Alta Analytical	0.8200 to 1.1500	LA-603724
0.00007	0.00007				Alta Analytical	1.5400 to 2.0700	LA-603724
5.57E-05	0.0000557				Alta Analytical	1.1500 to 1.3800	LA-603724
4.24E-05	0.0000424				Alta Analytical	0.0000 to 0.5900	LA-603720
0.000035	0.000035				Alta Analytical	3.7100 to 4.1000	LA-603723
3.25E-05	0.0000325				Alta Analytical	4.1000 to 5.0200	LA-603723
2.52E-05	0.0000252				Alta Analytical	2.4000 to 2.8200	LA-603723
2.35E-05	0.0000235				Alta Analytical	4.1700 to 5.5400	LA-603724
2.22E-05	0.0000222				Alta Analytical	0.5600 to 0.8200	LA-603723
0.000011	0.000011				Alta Analytical	2.6200 to 2.9200	LA-603724
1.29E-06	0.00000129	J	J_LAB	J	Alta Analytical	0.1300 to 0.5600	LA-603723
1.04E-06	0.00000104	J	J_LAB	J	Alta Analytical	1.5400 to 2.0700	LA-603724
8.17E-07	0.000000817	J	J_LAB	J	Alta Analytical	4.1700 to 5.5400	LA-603724
6.84E-07	0.000000684	J	J_LAB	J	Alta Analytical	2.4000 to 2.8200	LA-603723
1.3E-06	0.0000013	U	U_LAB	U	Alta Analytical	1.4400 to 1.8000	LA-603723
9.05E-07	0.000000905	U	U_LAB	U	Alta Analytical	0.0000 to 0.5900	LA-603720
8.77E-07	0.000000877	U	U_LAB	U	Alta Analytical	1.1500 to 1.3800	LA-603724
8.43E-07	0.000000843	U	U_LAB	U	Alta Analytical	3.7100 to 4.1000	LA-603723
7.36E-07	0.000000736	U	U_LAB	U	Alta Analytical	4.1000 to 5.0200	LA-603723
4.16E-07	0.000000416	U	U_LAB	U	Alta Analytical	0.8200 to 1.1500	LA-603724
3.47E-07	0.000000347	U	U_LAB	U	Alta Analytical	2.6200 to 2.9200	LA-603724
2.83E-07	0.000000283	U	U_LAB	U	Alta Analytical	0.5600 to 0.8200	LA-603723
3.03E-05	0.0000303				Alta Analytical	0.0000 to 0.2300	LA-603721
1.96E-05	0.0000196				Alta Analytical	0.0000 to 0.1000	LA-603722
3.14E-06	0.00000314				Alta Analytical	0.0000 to 0.5900	LA-603724
2.42E-06	0.00000242	J	J_LAB	J	Alta Analytical	0.0000 to 0.5900	LA-603720
2.1E-06	0.0000021	J	J_LAB	J	Alta Analytical	3.7100 to 4.1000	LA-603723
1.9E-06	0.0000019	J	J_LAB	J	Alta Analytical	4.1000 to 5.0200	LA-603723

CALA-08-15366	pre-2008	Hexachlorodibenzodioxin[1,2,3,6,7,8-]	1.25E-06	1.25E-06	0.00000125	U	U_LAB	U	Alta Analytical	4.1700 to 5
CALA-08-15352	2008	Hexachlorodibenzodioxin[1,2,3,6,7,8-]	1.19E-06	1.19E-06	0.00000119	U	U_LAB	U	Alta Analytical	0.8200 to 1
CALA-08-15365	pre-2008	Hexachlorodibenzodioxin[1,2,3,6,7,8-]	5.59E-07	5.59E-07	0.000000559	U	U_LAB	U	Alta Analytical	2.6200 to 2
CALA-08-15354	2008	Hexachlorodibenzodioxin[1,2,3,6,7,8-]	0.000163	0.000163	0.000163				Alta Analytical	0.0000 to 0
CALA-08-15355	2008	Hexachlorodibenzodioxin[1,2,3,6,7,8-]	9.01E-05	9.01E-05	0.0000901				Alta Analytical	0.0000 to 0
CALA-08-15362	2008	Hexachlorodibenzodioxin[1,2,3,6,7,8-]	0.000013	0.000013	0.000013				Alta Analytical	0.0000 to 0
CALA-08-15357	2008	Hexachlorodibenzodioxin[1,2,3,6,7,8-]	3.98E-06	3.98E-06	0.00000398				Alta Analytical	0.1300 to 0
CALA-08-15364	pre-2008	Hexachlorodibenzodioxin[1,2,3,6,7,8-]	3.06E-06	3.06E-06	0.00000306				Alta Analytical	1.5400 to 2
CALA-08-15363	pre-2008	Hexachlorodibenzodioxin[1,2,3,6,7,8-]	2.61E-06	2.61E-06	0.00000261				Alta Analytical	1.1500 to 1
CALA-08-15357	2008	Hexachlorodibenzodioxin[1,2,3,7,8,9-]	2.34E-06	2.34E-06	0.00000234	J	J_LAB	J	Alta Analytical	0.1300 to 0
CALA-08-15364	pre-2008	Hexachlorodibenzodioxin[1,2,3,7,8,9-]	1.81E-06	1.81E-06	0.00000181	J	J_LAB	J	Alta Analytical	1.5400 to 2
CALA-08-15361	pre-2008	Hexachlorodibenzodioxin[1,2,3,7,8,9-]	1.69E-06	1.69E-06	0.00000169	J	J_LAB	J	Alta Analytical	4.1000 to 5
CALA-08-15363	pre-2008	Hexachlorodibenzodioxin[1,2,3,7,8,9-]	1.64E-06	1.64E-06	0.00000164	J	J_LAB	J	Alta Analytical	1.1500 to 1
CALA-08-15366	pre-2008	Hexachlorodibenzodioxin[1,2,3,7,8,9-]	1.3E-06	1.3E-06	0.0000013	J	J_LAB	J	Alta Analytical	4.1700 to 5
CALA-08-15353	2008	Hexachlorodibenzodioxin[1,2,3,7,8,9-]	9.52E-07	9.52E-07	0.000000952	J	J_LAB	J	Alta Analytical	0.0000 to 0
CALA-08-15351	2008	Hexachlorodibenzodioxin[1,2,3,7,8,9-]	6.2E-07	6.2E-07	0.00000062	J	J_LAB	J	Alta Analytical	0.5600 to 0
CALA-08-15360	pre-2008	Hexachlorodibenzodioxin[1,2,3,7,8,9-]	1.51E-06	1.51E-06	0.00000151	U	U_LAB	U	Alta Analytical	3.7100 to 4
CALA-08-15359	pre-2008	Hexachlorodibenzodioxin[1,2,3,7,8,9-]	1.03E-06	1.03E-06	0.00000103	U	U_LAB	U	Alta Analytical	2.4000 to 2
CALA-08-15352	2008	Hexachlorodibenzodioxin[1,2,3,7,8,9-]	4.05E-07	4.05E-07	0.000000405	U	U_LAB	U	Alta Analytical	0.8200 to 1
CALA-08-15365	pre-2008	Hexachlorodibenzodioxin[1,2,3,7,8,9-]	3.39E-07	3.39E-07	0.000000339	U	U_LAB	U	Alta Analytical	2.6200 to 2
CALA-08-15354	2008	Hexachlorodibenzodioxin[1,2,3,7,8,9-]	6.11E-05	6.11E-05	0.0000611				Alta Analytical	0.0000 to 0
CALA-08-15355	2008	Hexachlorodibenzodioxin[1,2,3,7,8,9-]	3.36E-05	3.36E-05	0.0000336				Alta Analytical	0.0000 to 0
CALA-08-15362	2008	Hexachlorodibenzodioxin[1,2,3,7,8,9-]	5.39E-06	5.39E-06	0.00000539				Alta Analytical	0.0000 to 0
CALA-08-15358	pre-2008	Hexachlorodibenzodioxin[1,2,3,7,8,9-]	2.89E-06	2.89E-06	0.00000289				Alta Analytical	1.4400 to 1
CALA-08-15354	2008	Hexachlorodibenzodioxins (Total)	0.00123	0.00123	0.00123				Alta Analytical	0.0000 to 0
CALA-08-15355	2008	Hexachlorodibenzodioxins (Total)	0.000736	0.000736	0.000736				Alta Analytical	0.0000 to 0
CALA-08-15362	2008	Hexachlorodibenzodioxins (Total)	9.85E-05	9.85E-05	0.0000985				Alta Analytical	0.0000 to 0
CALA-08-15357	2008	Hexachlorodibenzodioxins (Total)	3.19E-05	3.19E-05	0.0000319				Alta Analytical	0.1300 to 0
CALA-08-15358	pre-2008	Hexachlorodibenzodioxins (Total)	2.83E-05	2.83E-05	0.0000283				Alta Analytical	1.4400 to 1
CALA-08-15364	pre-2008	Hexachlorodibenzodioxins (Total)	2.69E-05	2.69E-05	0.0000269				Alta Analytical	1.5400 to 2
CALA-08-15363	pre-2008	Hexachlorodibenzodioxins (Total)	2.13E-05	2.13E-05	0.0000213				Alta Analytical	1.1500 to 1
CALA-08-15361	pre-2008	Hexachlorodibenzodioxins (Total)	1.71E-05	1.71E-05	0.0000171				Alta Analytical	4.1000 to 5
CALA-08-15360	pre-2008	Hexachlorodibenzodioxins (Total)	1.62E-05	1.62E-05	0.0000162				Alta Analytical	3.7100 to 4
CALA-08-15353	2008	Hexachlorodibenzodioxins (Total)	0.000016	0.000016	0.000016				Alta Analytical	0.0000 to 0
CALA-08-15366	pre-2008	Hexachlorodibenzodioxins (Total)	1.38E-05	1.38E-05	0.0000138				Alta Analytical	4.1700 to 5
CALA-08-15359	pre-2008	Hexachlorodibenzodioxins (Total)	1.06E-05	1.06E-05	0.0000106				Alta Analytical	2.4000 to 2
CALA-08-15351	2008	Hexachlorodibenzodioxins (Total)	7.43E-06	7.43E-06	0.00000743				Alta Analytical	0.5600 to 0
CALA-08-15352	2008	Hexachlorodibenzodioxins (Total)	5.25E-06	5.25E-06	0.00000525				Alta Analytical	0.8200 to 1
CALA-08-15365	pre-2008	Hexachlorodibenzodioxins (Total)	3.7E-06	3.7E-06	0.0000037				Alta Analytical	2.6200 to 2
CALA-08-15357	2008	Hexachlorodibenzofuran[1,2,3,4,7,8-]	2.28E-06	2.28E-06	0.00000228	J	J_LAB	J	Alta Analytical	0.1300 to 0
CALA-08-15358	pre-2008	Hexachlorodibenzofuran[1,2,3,4,7,8-]	2.2E-06	2.2E-06	0.0000022	J	J_LAB	J	Alta Analytical	1.4400 to 1
CALA-08-15364	pre-2008	Hexachlorodibenzofuran[1,2,3,4,7,8-]	2.01E-06	2.01E-06	0.00000201	J	J_LAB	J	Alta Analytical	1.5400 to 2
CALA-08-15360	pre-2008	Hexachlorodibenzofuran[1,2,3,4,7,8-]	1.54E-06	1.54E-06	0.00000154	J	J_LAB	J	Alta Analytical	3.7100 to 4
CALA-08-15359	pre-2008	Hexachlorodibenzofuran[1,2,3,4,7,8-]	1.05E-06	1.05E-06	0.00000105	J	J_LAB	J	Alta Analytical	2.4000 to 2
CALA-08-15361	pre-2008	Hexachlorodibenzofuran[1,2,3,4,7,8-]	1.03E-06	1.03E-06	0.00000103	J	J_LAB	J	Alta Analytical	4.1000 to 5
CALA-08-15351	2008	Hexachlorodibenzofuran[1,2,3,4,7,8-]	5.66E-07	5.66E-07	0.000000566	J	J_LAB	J	Alta Analytical	0.5600 to 0
CALA-08-15363	pre-2008	Hexachlorodibenzofuran[1,2,3,4,7,8-]	1.92E-06	1.92E-06	0.00000192	U	U_LAB	U	Alta Analytical	1.1500 to 1

2.31E-07	0.000000231	U	U_LAB	U	Alta Analytical	2.6200 to 2.9200	LA-603724
2.27E-07	0.000000227	U	U_LAB	U	Alta Analytical	0.0000 to 0.5900	LA-603720
2.17E-05	0.0000217				Alta Analytical	0.0000 to 0.2300	LA-603721
1.27E-05	0.0000127				Alta Analytical	0.0000 to 0.1000	LA-603722
3.87E-06	0.00000387				Alta Analytical	0.0000 to 0.5900	LA-603724
2.32E-06	0.00000232	J	J_LAB	J	Alta Analytical	0.0000 to 0.5900	LA-603724
1.49E-06	0.00000149	J	J_LAB	J	Alta Analytical	1.4400 to 1.8000	LA-603723
1.47E-06	0.00000147	J	J_LAB	J	Alta Analytical	1.5400 to 2.0700	LA-603724
1.36E-06	0.00000136	J	J_LAB	J	Alta Analytical	0.1300 to 0.5600	LA-603723
1.22E-06	0.00000122	J	J_LAB	J	Alta Analytical	1.1500 to 1.3800	LA-603724
5.08E-07	0.000000508	J	J_LAB	J	Alta Analytical	4.1700 to 5.5400	LA-603724
1.07E-06	0.00000107	U	U_LAB	U	Alta Analytical	3.7100 to 4.1000	LA-603723
8.1E-07	0.00000081	U	U_LAB	U	Alta Analytical	4.1000 to 5.0200	LA-603723
7.16E-07	0.000000716	U	U_LAB	U	Alta Analytical	2.4000 to 2.8200	LA-603723
2.96E-07	0.000000296	U	U_LAB	U	Alta Analytical	0.8200 to 1.1500	LA-603724
2.17E-07	0.000000217	U	U_LAB	U	Alta Analytical	0.5600 to 0.8200	LA-603723
2.17E-07	0.000000217	U	U_LAB	U	Alta Analytical	0.0000 to 0.5900	LA-603720
2.11E-07	0.000000211	U	U_LAB	U	Alta Analytical	2.6200 to 2.9200	LA-603724
1.74E-05	0.0000174				Alta Analytical	0.0000 to 0.2300	LA-603721
1.06E-05	0.0000106				Alta Analytical	0.0000 to 0.1000	LA-603722
6.19E-07	0.000000619	U	U_LAB	U	Alta Analytical	1.1500 to 1.3800	LA-603724
6.04E-07	0.000000604	U	U_LAB	U	Alta Analytical	0.0000 to 0.5900	LA-603724
5.93E-07	0.000000593	U	U_LAB	U	Alta Analytical	1.5400 to 2.0700	LA-603724
4.87E-07	0.000000487	U	U_LAB	U	Alta Analytical	3.7100 to 4.1000	LA-603723
4.47E-07	0.000000447	U	U_LAB	U	Alta Analytical	4.1000 to 5.0200	LA-603723
4.31E-07	0.000000431	U	U_LAB	U	Alta Analytical	0.8200 to 1.1500	LA-603724
4.14E-07	0.000000414	U	U_LAB	U	Alta Analytical	2.4000 to 2.8200	LA-603723
3.98E-07	0.000000398	U	U_LAB	U	Alta Analytical	4.1700 to 5.5400	LA-603724
3.43E-07	0.000000343	U	U_LAB	U	Alta Analytical	0.1300 to 0.5600	LA-603723
3.39E-07	0.000000339	U	U_LAB	U	Alta Analytical	2.6200 to 2.9200	LA-603724
3.21E-07	0.000000321	U	U_LAB	U	Alta Analytical	0.0000 to 0.5900	LA-603720
3.09E-07	0.000000309	U	U_LAB	U	Alta Analytical	0.5600 to 0.8200	LA-603723
2.76E-07	0.000000276	U	U_LAB	U	Alta Analytical	1.4400 to 1.8000	LA-603723
3.01E-06	0.00000301				Alta Analytical	0.0000 to 0.1000	LA-603722
2.47E-06	0.00000247	J	J_LAB	J	Alta Analytical	1.4400 to 1.8000	LA-603723
2.08E-06	0.00000208	J	J_LAB	J	Alta Analytical	1.5400 to 2.0700	LA-603724
2.03E-06	0.00000203	J	J_LAB	J	Alta Analytical	0.1300 to 0.5600	LA-603723
1.69E-06	0.00000169	J	J_LAB	J	Alta Analytical	1.1500 to 1.3800	LA-603724
1.41E-06	0.00000141	J	J_LAB	J	Alta Analytical	3.7100 to 4.1000	LA-603723
1.12E-06	0.00000112	J	J_LAB	J	Alta Analytical	4.1000 to 5.0200	LA-603723
1.06E-06	0.00000106	J	J_LAB	J	Alta Analytical	2.4000 to 2.8200	LA-603723
9.78E-07	0.000000978	J	J_LAB	J	Alta Analytical	4.1700 to 5.5400	LA-603724
7.07E-07	0.000000707	J	J_LAB	J	Alta Analytical	0.0000 to 0.5900	LA-603720
4.26E-07	0.000000426	U	U_LAB	U	Alta Analytical	0.5600 to 0.8200	LA-603723
3.25E-07	0.000000325	U	U_LAB	U	Alta Analytical	0.8200 to 1.1500	LA-603724
2.56E-07	0.000000256	U	U_LAB	U	Alta Analytical	2.6200 to 2.9200	LA-603724
3.34E-05	0.0000334				Alta Analytical	0.0000 to 0.2300	LA-603721

CALA-08-15355	2008	Hexachlorodibenzofurans (Total)	0.000561	0.000561	0.000561				Alta Analytical	0.0000 to 0
CALA-08-15362	2008	Hexachlorodibenzofurans (Total)	9.47E-05	9.47E-05	0.0000947				Alta Analytical	0.0000 to 0
CALA-08-15358	pre-2008	Hexachlorodibenzofurans (Total)	4.07E-05	4.07E-05	0.0000407				Alta Analytical	1.4400 to 1
CALA-08-15357	2008	Hexachlorodibenzofurans (Total)	3.69E-05	3.69E-05	0.0000369				Alta Analytical	0.1300 to 0
CALA-08-15364	pre-2008	Hexachlorodibenzofurans (Total)	3.58E-05	3.58E-05	0.0000358				Alta Analytical	1.5400 to 2
CALA-08-15363	pre-2008	Hexachlorodibenzofurans (Total)	2.79E-05	2.79E-05	0.0000279				Alta Analytical	1.1500 to 1
CALA-08-15360	pre-2008	Hexachlorodibenzofurans (Total)	2.08E-05	2.08E-05	0.0000208				Alta Analytical	3.7100 to 4
CALA-08-15361	pre-2008	Hexachlorodibenzofurans (Total)	1.82E-05	1.82E-05	0.0000182				Alta Analytical	4.1000 to 5
CALA-08-15359	pre-2008	Hexachlorodibenzofurans (Total)	1.48E-05	1.48E-05	0.0000148				Alta Analytical	2.4000 to 2
CALA-08-15353	2008	Hexachlorodibenzofurans (Total)	1.47E-05	1.47E-05	0.0000147				Alta Analytical	0.0000 to 0
CALA-08-15366	pre-2008	Hexachlorodibenzofurans (Total)	1.35E-05	1.35E-05	0.0000135				Alta Analytical	4.1700 to 5
CALA-08-15351	2008	Hexachlorodibenzofurans (Total)	8.79E-06	8.79E-06	0.00000879				Alta Analytical	0.5600 to 0
CALA-08-15352	2008	Hexachlorodibenzofurans (Total)	8.15E-06	8.15E-06	0.00000815				Alta Analytical	0.8200 to 1
CALA-08-15365	pre-2008	Hexachlorodibenzofurans (Total)	5.44E-06	5.44E-06	0.00000544				Alta Analytical	2.6200 to 2
CALA-08-15354	2008	Octachlorodibenzodioxin[1,2,3,4,6,7,8,9-]	0.0702	0.0702	0.0702 J	DF7c	B		Alta Analytical	0.0000 to 0
CALA-08-15355	2008	Octachlorodibenzodioxin[1,2,3,4,6,7,8,9-]	0.0399	0.0399	0.0399 J	DF7c	B		Alta Analytical	0.0000 to 0
CALA-08-15362	2008	Octachlorodibenzodioxin[1,2,3,4,6,7,8,9-]	0.00602	0.00602	0.00602 J	DF7c	B		Alta Analytical	0.0000 to 0
CALA-08-15357	2008	Octachlorodibenzodioxin[1,2,3,4,6,7,8,9-]	0.00145	0.00145	0.00145 J	DF7c	B		Alta Analytical	0.1300 to 0
CALA-08-15358	pre-2008	Octachlorodibenzodioxin[1,2,3,4,6,7,8,9-]	0.00142	0.00142	0.00142 J	DF7c	B		Alta Analytical	1.4400 to 1
CALA-08-15364	pre-2008	Octachlorodibenzodioxin[1,2,3,4,6,7,8,9-]	0.00116	0.00116	0.00116 J	DF7c	B		Alta Analytical	1.5400 to 2
CALA-08-15352	2008	Octachlorodibenzodioxin[1,2,3,4,6,7,8,9-]	0.00111	0.00111	0.00111 J	DF7c	B		Alta Analytical	0.8200 to 1
CALA-08-15363	pre-2008	Octachlorodibenzodioxin[1,2,3,4,6,7,8,9-]	0.001	0.001	0.001 J	DF7c	B		Alta Analytical	1.1500 to 1
CALA-08-15353	2008	Octachlorodibenzodioxin[1,2,3,4,6,7,8,9-]	0.000864	0.000864	0.000864 J	DF7c	B		Alta Analytical	0.0000 to 0
CALA-08-15361	pre-2008	Octachlorodibenzodioxin[1,2,3,4,6,7,8,9-]	0.000603	0.000603	0.000603 J	DF7c	B		Alta Analytical	4.1000 to 5
CALA-08-15360	pre-2008	Octachlorodibenzodioxin[1,2,3,4,6,7,8,9-]	0.000511	0.000511	0.000511 J	DF7c	B		Alta Analytical	3.7100 to 4
CALA-08-15366	pre-2008	Octachlorodibenzodioxin[1,2,3,4,6,7,8,9-]	0.000368	0.000368	0.000368 J	DF7c	B		Alta Analytical	4.1700 to 5
CALA-08-15351	2008	Octachlorodibenzodioxin[1,2,3,4,6,7,8,9-]	0.000344	0.000344	0.000344 J	DF7c	B		Alta Analytical	0.5600 to 0
CALA-08-15359	pre-2008	Octachlorodibenzodioxin[1,2,3,4,6,7,8,9-]	0.000303	0.000303	0.000303 J	DF7c	B		Alta Analytical	2.4000 to 2
CALA-08-15365	pre-2008	Octachlorodibenzodioxin[1,2,3,4,6,7,8,9-]	0.000117	0.000117	0.000117 J	DF4a	B		Alta Analytical	2.6200 to 2
CALA-08-15354	2008	Octachlorodibenzofuran[1,2,3,4,6,7,8,9-]	0.0027	0.0027	0.0027				Alta Analytical	0.0000 to 0
CALA-08-15355	2008	Octachlorodibenzofuran[1,2,3,4,6,7,8,9-]	0.00144	0.00144	0.00144				Alta Analytical	0.0000 to 0
CALA-08-15362	2008	Octachlorodibenzofuran[1,2,3,4,6,7,8,9-]	0.000277	0.000277	0.000277				Alta Analytical	0.0000 to 0
CALA-08-15358	pre-2008	Octachlorodibenzofuran[1,2,3,4,6,7,8,9-]	6.95E-05	6.95E-05	0.0000695				Alta Analytical	1.4400 to 1
CALA-08-15357	2008	Octachlorodibenzofuran[1,2,3,4,6,7,8,9-]	6.29E-05	6.29E-05	0.0000629				Alta Analytical	0.1300 to 0
CALA-08-15352	2008	Octachlorodibenzofuran[1,2,3,4,6,7,8,9-]	6.28E-05	6.28E-05	0.0000628				Alta Analytical	0.8200 to 1
CALA-08-15364	pre-2008	Octachlorodibenzofuran[1,2,3,4,6,7,8,9-]	5.33E-05	5.33E-05	0.0000533				Alta Analytical	1.5400 to 2
CALA-08-15363	pre-2008	Octachlorodibenzofuran[1,2,3,4,6,7,8,9-]	4.57E-05	4.57E-05	0.0000457				Alta Analytical	1.1500 to 1
CALA-08-15360	pre-2008	Octachlorodibenzofuran[1,2,3,4,6,7,8,9-]	0.000032	0.000032	0.000032				Alta Analytical	3.7100 to 4
CALA-08-15361	pre-2008	Octachlorodibenzofuran[1,2,3,4,6,7,8,9-]	2.55E-05	2.55E-05	0.0000255				Alta Analytical	4.1000 to 5
CALA-08-15353	2008	Octachlorodibenzofuran[1,2,3,4,6,7,8,9-]	2.49E-05	2.49E-05	0.0000249				Alta Analytical	0.0000 to 0
CALA-08-15359	pre-2008	Octachlorodibenzofuran[1,2,3,4,6,7,8,9-]	1.96E-05	1.96E-05	0.0000196				Alta Analytical	2.4000 to 2
CALA-08-15366	pre-2008	Octachlorodibenzofuran[1,2,3,4,6,7,8,9-]	1.79E-05	1.79E-05	0.0000179				Alta Analytical	4.1700 to 5
CALA-08-15351	2008	Octachlorodibenzofuran[1,2,3,4,6,7,8,9-]	1.42E-05	1.42E-05	0.0000142				Alta Analytical	0.5600 to 0
CALA-08-15365	pre-2008	Octachlorodibenzofuran[1,2,3,4,6,7,8,9-]	7.93E-06	7.93E-06	0.00000793				Alta Analytical	2.6200 to 2
CALA-08-15358	pre-2008	Pentachlorodibenzodioxin[1,2,3,7,8-]	0.000001	0.000001	0.000001 J	J_LAB	J		Alta Analytical	1.4400 to 1
CALA-08-15361	pre-2008	Pentachlorodibenzodioxin[1,2,3,7,8-]	5.11E-07	5.11E-07	0.000000511 J	J_LAB	J		Alta Analytical	4.1000 to 5
CALA-08-15359	pre-2008	Pentachlorodibenzodioxin[1,2,3,7,8-]	3.05E-07	3.05E-07	0.000000305 J	J_LAB	J		Alta Analytical	2.4000 to 2
CALA-08-15362	2008	Pentachlorodibenzodioxin[1,2,3,7,8-]	1.18E-06	1.18E-06	0.00000118 U	U_LAB	U		Alta Analytical	0.0000 to 0
CALA-08-15364	pre-2008	Pentachlorodibenzodioxin[1,2,3,7,8-]	8.21E-07	8.21E-07	0.000000821 U	U_LAB	U		Alta Analytical	1.5400 to 2

3.14E-07	0.000000314	U	U_LAB	U	Alta Analytical	4.1700 to 5.5400	LA-603724
1.94E-07	0.000000194	U	U_LAB	U	Alta Analytical	2.6200 to 2.9200	LA-603724
1.9E-07	0.00000019	U	U_LAB	U	Alta Analytical	0.0000 to 0.5900	LA-603720
1.67E-07	0.000000167	U	U_LAB	U	Alta Analytical	0.5600 to 0.8200	LA-603723
1.56E-07	0.000000156	U	U_LAB	U	Alta Analytical	0.8200 to 1.1500	LA-603724
1.37E-05	0.0000137				Alta Analytical	0.0000 to 0.2300	LA-603721
8.01E-06	0.00000801				Alta Analytical	0.0000 to 0.1000	LA-603722
4.78E-07	0.000000478	U	U_LAB	U	Alta Analytical	3.7100 to 4.1000	LA-603723
4.02E-07	0.000000402	U	U_LAB	U	Alta Analytical	1.1500 to 1.3800	LA-603724
1.94E-07	0.000000194	U	U_LAB	U	Alta Analytical	2.6200 to 2.9200	LA-603724
1.9E-07	0.00000019	U	U_LAB	U	Alta Analytical	0.0000 to 0.5900	LA-603720
1.67E-07	0.000000167	U	U_LAB	U	Alta Analytical	0.5600 to 0.8200	LA-603723
1.56E-07	0.000000156	U	U_LAB	U	Alta Analytical	0.8200 to 1.1500	LA-603724
0.000101	0.000101				Alta Analytical	0.0000 to 0.2300	LA-603721
6.32E-05	0.0000632				Alta Analytical	0.0000 to 0.1000	LA-603722
1.18E-05	0.0000118				Alta Analytical	4.1700 to 5.5400	LA-603724
6.02E-06	0.00000602				Alta Analytical	0.0000 to 0.5900	LA-603724
3.26E-06	0.00000326				Alta Analytical	1.4400 to 1.8000	LA-603723
1.45E-06	0.00000145				Alta Analytical	2.4000 to 2.8200	LA-603723
1.26E-06	0.00000126				Alta Analytical	4.1000 to 5.0200	LA-603723
6.52E-07	0.000000652				Alta Analytical	1.5400 to 2.0700	LA-603724
6.11E-07	0.000000611				Alta Analytical	0.1300 to 0.5600	LA-603723
1.81E-06	0.00000181	J	J_LAB	J	Alta Analytical	0.0000 to 0.2300	LA-603721
1.42E-06	0.00000142	J	J_LAB	J	Alta Analytical	0.0000 to 0.1000	LA-603722
9.64E-07	0.000000964	J	J_LAB	J	Alta Analytical	0.0000 to 0.5900	LA-603724
7.96E-07	0.000000796	J	J_LAB	J	Alta Analytical	0.1300 to 0.5600	LA-603723
7.03E-07	0.000000703	J	J_LAB	J	Alta Analytical	1.4400 to 1.8000	LA-603723
4.94E-07	0.000000494	J	J_LAB	J	Alta Analytical	4.1000 to 5.0200	LA-603723
6.38E-07	0.000000638	U	U_LAB	U	Alta Analytical	1.1500 to 1.3800	LA-603724
3.47E-07	0.000000347	U	U_LAB	U	Alta Analytical	3.7100 to 4.1000	LA-603723
2.85E-07	0.000000285	U	U_LAB	U	Alta Analytical	2.6200 to 2.9200	LA-603724
2.79E-07	0.000000279	U	U_LAB	U	Alta Analytical	0.8200 to 1.1500	LA-603724
2.54E-07	0.000000254	U	U_LAB	U	Alta Analytical	4.1700 to 5.5400	LA-603724
2.5E-07	0.00000025	U	U_LAB	U	Alta Analytical	1.5400 to 2.0700	LA-603724
2.44E-07	0.000000244	U	U_LAB	U	Alta Analytical	2.4000 to 2.8200	LA-603723
2.22E-07	0.000000222	U	U_LAB	U	Alta Analytical	0.5600 to 0.8200	LA-603723
1.98E-07	0.000000198	U	U_LAB	U	Alta Analytical	0.0000 to 0.5900	LA-603720
2.11E-06	0.00000211	J	J_LAB	J	Alta Analytical	1.5400 to 2.0700	LA-603724
2.07E-06	0.00000207	J	J_LAB	J	Alta Analytical	1.4400 to 1.8000	LA-603723
1.48E-06	0.00000148	J	J_LAB	J	Alta Analytical	0.0000 to 0.5900	LA-603724
1.46E-06	0.00000146	J	J_LAB	J	Alta Analytical	0.1300 to 0.5600	LA-603723
1.24E-06	0.00000124	J	J_LAB	J	Alta Analytical	3.7100 to 4.1000	LA-603723
1.48E-06	0.00000148	U	U_LAB	U	Alta Analytical	1.1500 to 1.3800	LA-603724
8.55E-07	0.000000855	U	U_LAB	U	Alta Analytical	4.1000 to 5.0200	LA-603723
7.85E-07	0.000000785	U	U_LAB	U	Alta Analytical	2.4000 to 2.8200	LA-603723
2.89E-07	0.000000289	U	U_LAB	U	Alta Analytical	2.6200 to 2.9200	LA-603724
2.87E-07	0.000000287	U	U_LAB	U	Alta Analytical	0.8200 to 1.1500	LA-603724
2.21E-07	0.000000221	U	U_LAB	U	Alta Analytical	0.5600 to 0.8200	LA-603723
2.04E-07	0.000000204	U	U_LAB	U	Alta Analytical	0.0000 to 0.5900	LA-603720

CALA-08-15355	2008	Pentachlorodibenzofurans (Totals)	0.000112	0.000112	0.000112				Alta Analytical	0.0000 to 0
CALA-08-15362	2008	Pentachlorodibenzofurans (Totals)	0.000028	0.000028	0.000028				Alta Analytical	0.0000 to 0
CALA-08-15358	pre-2008	Pentachlorodibenzofurans (Totals)	2.73E-05	2.73E-05	0.0000273				Alta Analytical	1.4400 to 1
CALA-08-15364	pre-2008	Pentachlorodibenzofurans (Totals)	2.62E-05	2.62E-05	0.0000262				Alta Analytical	1.5400 to 2
CALA-08-15357	2008	Pentachlorodibenzofurans (Totals)	1.82E-05	1.82E-05	0.0000182				Alta Analytical	0.1300 to 0
CALA-08-15363	pre-2008	Pentachlorodibenzofurans (Totals)	1.78E-05	1.78E-05	0.0000178				Alta Analytical	1.1500 to 1
CALA-08-15360	pre-2008	Pentachlorodibenzofurans (Totals)	1.71E-05	1.71E-05	0.0000171				Alta Analytical	3.7100 to 4
CALA-08-15361	pre-2008	Pentachlorodibenzofurans (Totals)	1.26E-05	1.26E-05	0.0000126				Alta Analytical	4.1000 to 5
CALA-08-15366	pre-2008	Pentachlorodibenzofurans (Totals)	1.18E-05	1.18E-05	0.0000118				Alta Analytical	4.1700 to 5
CALA-08-15359	pre-2008	Pentachlorodibenzofurans (Totals)	9.2E-06	9.2E-06	0.0000092				Alta Analytical	2.4000 to 2
CALA-08-15351	2008	Pentachlorodibenzofurans (Totals)	4.81E-06	4.81E-06	0.00000481				Alta Analytical	0.5600 to 0
CALA-08-15353	2008	Pentachlorodibenzofurans (Totals)	3.17E-06	3.17E-06	0.00000317				Alta Analytical	0.0000 to 0
CALA-08-15365	pre-2008	Pentachlorodibenzofurans (Totals)	2.36E-06	2.36E-06	0.00000236				Alta Analytical	2.6200 to 2
CALA-08-15352	2008	Pentachlorodibenzofurans (Totals)	7.8E-07	7.8E-07	0.00000078				Alta Analytical	0.8200 to 1
CALA-08-15354	2008	Tetrachlorodibenzodioxin[2,3,7,8-]	1.25E-06	1.25E-06	0.00000125	U	U_LAB	U	Alta Analytical	0.0000 to 0
CALA-08-15366	pre-2008	Tetrachlorodibenzodioxin[2,3,7,8-]	2.83E-07	2.83E-07	0.000000283	U	U_LAB	U	Alta Analytical	4.1700 to 5
CALA-08-15361	pre-2008	Tetrachlorodibenzodioxin[2,3,7,8-]	2.62E-07	2.62E-07	0.000000262	U	U_LAB	U	Alta Analytical	4.1000 to 5
CALA-08-15363	pre-2008	Tetrachlorodibenzodioxin[2,3,7,8-]	2.5E-07	2.5E-07	0.00000025	U	U_LAB	U	Alta Analytical	1.1500 to 1
CALA-08-15362	2008	Tetrachlorodibenzodioxin[2,3,7,8-]	2.02E-07	2.02E-07	0.000000202	U	U_LAB	U	Alta Analytical	0.0000 to 0
CALA-08-15364	pre-2008	Tetrachlorodibenzodioxin[2,3,7,8-]	1.65E-07	1.65E-07	0.000000165	U	U_LAB	U	Alta Analytical	1.5400 to 2
CALA-08-15358	pre-2008	Tetrachlorodibenzodioxin[2,3,7,8-]	1.58E-07	1.58E-07	0.000000158	U	U_LAB	U	Alta Analytical	1.4400 to 1
CALA-08-15360	pre-2008	Tetrachlorodibenzodioxin[2,3,7,8-]	1.48E-07	1.48E-07	0.000000148	U	U_LAB	U	Alta Analytical	3.7100 to 4
CALA-08-15359	pre-2008	Tetrachlorodibenzodioxin[2,3,7,8-]	1.46E-07	1.46E-07	0.000000146	U	U_LAB	U	Alta Analytical	2.4000 to 2
CALA-08-15357	2008	Tetrachlorodibenzodioxin[2,3,7,8-]	1.32E-07	1.32E-07	0.000000132	U	U_LAB	U	Alta Analytical	0.1300 to 0
CALA-08-15352	2008	Tetrachlorodibenzodioxin[2,3,7,8-]	1.26E-07	1.26E-07	0.000000126	U	U_LAB	U	Alta Analytical	0.8200 to 1
CALA-08-15351	2008	Tetrachlorodibenzodioxin[2,3,7,8-]	1.2E-07	1.2E-07	0.00000012	U	U_LAB	U	Alta Analytical	0.5600 to 0
CALA-08-15353	2008	Tetrachlorodibenzodioxin[2,3,7,8-]	1.16E-07	1.16E-07	0.000000116	U	U_LAB	U	Alta Analytical	0.0000 to 0
CALA-08-15365	pre-2008	Tetrachlorodibenzodioxin[2,3,7,8-]	7.45E-08	7.45E-08	7.45E-08	U	U_LAB	U	Alta Analytical	2.6200 to 2
CALA-08-15355	2008	Tetrachlorodibenzodioxin[2,3,7,8-]	1.07E-06	1.07E-06	0.00000107				Alta Analytical	0.0000 to 0
CALA-08-15359	pre-2008	Tetrachlorodibenzodioxins (Total)	1.97E-06	1.97E-06	0.00000197	U	U_LAB	U	Alta Analytical	2.4000 to 2
CALA-08-15358	pre-2008	Tetrachlorodibenzodioxins (Total)	6.91E-07	6.91E-07	0.000000691	U	U_LAB	U	Alta Analytical	1.4400 to 1
CALA-08-15364	pre-2008	Tetrachlorodibenzodioxins (Total)	4.86E-07	4.86E-07	0.000000486	U	U_LAB	U	Alta Analytical	1.5400 to 2
CALA-08-15360	pre-2008	Tetrachlorodibenzodioxins (Total)	4.56E-07	4.56E-07	0.000000456	U	U_LAB	U	Alta Analytical	3.7100 to 4
CALA-08-15363	pre-2008	Tetrachlorodibenzodioxins (Total)	2.5E-07	2.5E-07	0.00000025	U	U_LAB	U	Alta Analytical	1.1500 to 1
CALA-08-15362	2008	Tetrachlorodibenzodioxins (Total)	2.02E-07	2.02E-07	0.000000202	U	U_LAB	U	Alta Analytical	0.0000 to 0
CALA-08-15357	2008	Tetrachlorodibenzodioxins (Total)	1.32E-07	1.32E-07	0.000000132	U	U_LAB	U	Alta Analytical	0.1300 to 0
CALA-08-15352	2008	Tetrachlorodibenzodioxins (Total)	1.26E-07	1.26E-07	0.000000126	U	U_LAB	U	Alta Analytical	0.8200 to 1
CALA-08-15351	2008	Tetrachlorodibenzodioxins (Total)	1.2E-07	1.2E-07	0.00000012	U	U_LAB	U	Alta Analytical	0.5600 to 0
CALA-08-15353	2008	Tetrachlorodibenzodioxins (Total)	1.16E-07	1.16E-07	0.000000116	U	U_LAB	U	Alta Analytical	0.0000 to 0
CALA-08-15365	pre-2008	Tetrachlorodibenzodioxins (Total)	7.45E-08	7.45E-08	7.45E-08	U	U_LAB	U	Alta Analytical	2.6200 to 2
CALA-08-15354	2008	Tetrachlorodibenzodioxins (Total)	8.16E-06	8.16E-06	0.00000816				Alta Analytical	0.0000 to 0
CALA-08-15355	2008	Tetrachlorodibenzodioxins (Total)	4.62E-06	4.62E-06	0.00000462				Alta Analytical	0.0000 to 0
CALA-08-15361	pre-2008	Tetrachlorodibenzodioxins (Total)	1.81E-06	1.81E-06	0.00000181				Alta Analytical	4.1000 to 5
CALA-08-15366	pre-2008	Tetrachlorodibenzodioxins (Total)	1.62E-06	1.62E-06	0.00000162				Alta Analytical	4.1700 to 5
CALA-08-15361	pre-2008	Tetrachlorodibenzofuran[2,3,7,8-]	9.49E-07	9.49E-07	0.000000949	U	DF8c		Alta Analytical	4.1000 to 5
CALA-08-15357	2008	Tetrachlorodibenzofuran[2,3,7,8-]	9.02E-07	9.02E-07	0.000000902	U	DF8c		Alta Analytical	0.1300 to 0
CALA-08-15366	pre-2008	Tetrachlorodibenzofuran[2,3,7,8-]	8.88E-07	8.88E-07	0.000000888	U	DF8c		Alta Analytical	4.1700 to 5
CALA-08-15359	pre-2008	Tetrachlorodibenzofuran[2,3,7,8-]	6.38E-07	6.38E-07	0.000000638	U	DF8c		Alta Analytical	2.4000 to 2
CALA-08-15365	pre-2008	Tetrachlorodibenzofuran[2,3,7,8-]	2.36E-07	2.36E-07	0.000000236	U	U_LAB	U	Alta Analytical	2.6200 to 2
CALA-08-15352	2008	Tetrachlorodibenzofuran[2,3,7,8-]	2.3E-07	2.3E-07	0.000000023	U	U_LAB	U	Alta Analytical	0.8200 to 1

1.94E-06	0.00000194				Alta Analytical	1.4400 to 1.8000	LA-603723
1.54E-06	0.00000154				Alta Analytical	1.5400 to 2.0700	LA-603724
1.38E-06	0.00000138				Alta Analytical	1.1500 to 1.3800	LA-603724
1.17E-06	0.00000117				Alta Analytical	0.0000 to 0.5900	LA-603724
1.14E-06	0.00000114				Alta Analytical	0.0000 to 0.1000	LA-603722
1.05E-06	0.00000105				Alta Analytical	0.0000 to 0.2300	LA-603721
1.05E-06	0.00000105				Alta Analytical	3.7100 to 4.1000	LA-603723
7.4E-07	0.00000074	U	U_LAB	U	Alta Analytical	0.5600 to 0.8200	LA-603723
3.36E-07	0.000000336	U	U_LAB	U	Alta Analytical	2.6200 to 2.9200	LA-603724
2.3E-07	0.00000023	U	U_LAB	U	Alta Analytical	0.8200 to 1.1500	LA-603724
1.85E-07	0.000000185	U	U_LAB	U	Alta Analytical	0.0000 to 0.5900	LA-603720
2.73E-05	0.0000273				Alta Analytical	0.0000 to 0.2300	LA-603721
1.38E-05	0.0000138				Alta Analytical	0.0000 to 0.1000	LA-603722
0.000013	0.000013				Alta Analytical	1.4400 to 1.8000	LA-603723
1.05E-05	0.0000105				Alta Analytical	1.5400 to 2.0700	LA-603724
6.77E-06	0.00000677				Alta Analytical	3.7100 to 4.1000	LA-603723
6.42E-06	0.00000642				Alta Analytical	0.0000 to 0.5900	LA-603724
5.84E-06	0.00000584				Alta Analytical	0.1300 to 0.5600	LA-603723
5.52E-06	0.00000552				Alta Analytical	1.1500 to 1.3800	LA-603724
4.85E-06	0.00000485				Alta Analytical	4.1000 to 5.0200	LA-603723
3.26E-06	0.00000326				Alta Analytical	4.1700 to 5.5400	LA-603724
1.75E-06	0.00000175				Alta Analytical	2.4000 to 2.8200	LA-603723