K PRIME, Inc.

CONSULTING ANALYTICAL CHEMISTS

3621 Westwind Blvd.
Santa Rosa CA 95403
Phone: 707 527 7574
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TRANSMITTAL

DATE: 10/04/00

TO: Ms. Pam Bauer
IT CORPORATION
4005 Port Chicago Hwy
Concord, CA 94520

Phone: (925) 288-9898
Fax: (925) 288-0888

2021 PM P203

ACCT: 9817
PROJ: 773247

FROM: Richard A. Kagel, Ph.D.
Laboratory Director

RAK my 10/4/00

SUBJECT: YOUR PROJECT 773247 LABORATORY RESULTS

Enclosed please find K Prime's laboratory reports for the following samples:

SAMPLE ID	TYPE	DATE	KPI LAB #
00091617-PUFHRA-2000	AIR	09/16/00	27533
00091617-PUFHRB-2001	AIR	09/16/00	27534
00091617-PUFHRD-2003	AIR	09/16/00	27535
00091617-PUFHRE-2004	AIR	09/16/00	27536
00091617-PUFHRF-2005	AIR	09/16/00	27537
00091617-HRFBPUF-2006	AIR	09/16/00	27538

The above listed sample group was received on 09/18/00 and tested as requested on the chain of custody document.

These reports have been revised to express results in units of air concentration, as requested.

Please call me if you have any questions or need further information.
Thank you for this opportunity to be of service.

ALTA

October 3, 2000

Alta Batch I.D.: 9092

Mr. Rich Kagel
K Prime, Inc.
3621 Westwind Blvd.
Santa Rosa, CA 95403

Dear Mr. Kagel,

Enclosed are the results for the four PUF samples received at Alta Analytical Laboratory on September 16, 2000. Samples 27535 and 27537 listed on the chain of custody were not received with this shipment. This work was authorized as your Project #9817. These samples were extracted and analyzed using EPA Method TO-9 for tetra to octa chlorinated dioxins/dibenzofurans. **RUSH** turn around time was requested for this work.

After reviewing the initial results for sample 27538 (field blank) it was determined that internal standards were not added to this sample prior to extraction. The standards were added to the extract, the extract was re-analyzed and these results are reported. This would be "external standard" quantitation rather than "isotope dilution" used in Method TO-9. The recoveries of the pre-spike surrogates were all within acceptable limits, which would verify that the results are valid. The results contained in this report are being reported in pg/m^3 based on the volumes specified on the chain of custody.

The following report consists of a Sample Inventory (Section I), Analytical Results (Section II) and the Appendix. The Appendix contains a copy of the chain-of-custody, a list of data qualifiers and abbreviations, our current certifications, Excel™ diskette deliverables, and copies of the raw data.

Alta Analytical Laboratory remains committed to serving you in the most effective manner. Should you have any questions or need additional information and technical support, please do not hesitate to contact me. Thank you for choosing Alta as part of your analytical support team.

Sincerely,

Shelly A. Weagraff
HRMS Services Coordinator

Alta Analytical Laboratory Inc.
5070 Robert J. Mathews Parkway
El Dorado Hills, CA 95762

ALTA

Sample Inventory Report: MM5 Sampling

Project No.: 9092 **Project Name:** 9817

Date Rec.: 9/19/00

Lab. Sample ID	Client Sample ID	Component ID
001	27533	PUF
002	27534	PUF
003	27535	PUF
004	27536	PUF
005	27537	PUF
006	27538	PUF

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SECTION II.

ALTA

PCDD & PCDF
EPA METHOD TO-9

Method Blank
Matrix: Air
TEQ (Min-Max): 0 - 0.0831

Date Extracted: 9/19/00
Sample Amount: 1 Train

Lab ID: MB001
QC Set: 957
Units: pg/m3

Compound	Conc.	DL [b]	EMPC [c]	MDL [d]	Qualifier
2,3,7,8-TCDD	ND	0.0161		1.30	
1,2,3,7,8-PeCDD	ND	0.0422		3.01	
1,2,3,4,7,8-HxCDD	ND	0.0444		1.93	
1,2,3,6,7,8-HxCDD	ND	0.0440		2.47	
1,2,3,7,8,9-HxCDD	ND	0.0416		2.74	
1,2,3,4,6,7,8-HpCDD	ND	0.0315		3.99	
OCDD	ND	0.0706		33.5	
2,3,7,8-TCDF	ND	0.0115		0.991	
1,2,3,7,8-PeCDF	ND	0.0439		2.10	
2,3,4,7,8-PeCDF	ND	0.0427		1.91	
1,2,3,4,7,8-HxCDF	ND	0.0191		3.02	
1,2,3,6,7,8-HxCDF	ND	0.0174		1.53	
2,3,4,6,7,8-HxCDF	ND	0.0148		3.05	
1,2,3,7,8,9-HxCDF	ND	0.0214		4.17	
1,2,3,4,6,7,8-HpCDF	ND	0.0184		3.96	
1,2,3,4,7,8,9-HpCDF	ND	0.0226		1.06	
OCDF	ND	0.0492		10.1	
Total TCDD	ND	0.0161			
Total PeCDD	ND	0.0422			
Total HxCDD	ND	0.0433			
Total HpCDD	ND	0.0315			
Total TCDF	ND	0.0115			
Total PeCDF	ND	0.0433			
Total HxCDF	ND	0.0178			
Total HpCDF	ND	0.0202			

ALTA

PCDD & PCDF
EPA METHOD TO-9

Method Blank **QC Set:** 957
Lab ID: MB001

Internal Standards	%R	LCL-UCL[e]	Qualifier
13C-2,3,7,8-TCDD	78.3	40 - 130	
13C-1,2,3,7,8-PeCDD	75.0	40 - 130	
13C-1,2,3,6,7,8-HxCDD	77.3	40 - 130	
13C-1,2,3,4,6,7,8-HpCDD	72.7	25 - 130	
13C-OCDD	73.8	25 - 130	
13C-2,3,7,8-TCDF	78.8	40 - 130	
13C-1,2,3,7,8-PeCDF	86.1	40 - 130	
13C-1,2,3,6,7,8-HxCDF	70.9	40 - 130	
13C-1,2,3,4,6,7,8-HpCDF	70.0	25 - 130	
13C-OCDF	68.8	25 - 130	
Pre-spike Standards			
37Cl-2,3,7,8-TCDD	NA	70 - 130	
13C-2,3,4,7,8-PeCDF	NA	70 - 130	
13C-1,2,3,4,7,8-HxCDD	NA	70 - 130	
13C-1,2,3,4,7,8-HxCDF	NA	70 - 130	
13C-1,2,3,4,7,8,9-HpCDF	NA	70 - 130	
Alternate Recovery Standard			
13C-1,2,3,7,8,9-HxCDF	68.1	70 - 130	

Analysis Dates
DB-5: 9/21/00

a. Toxic Equivalent Quotient (TEQ) based on USEPA Toxic Equivalent Factors.
b. Sample specific estimated detection limit.
c. Estimated maximum possible concentration
d. Method Detection Limit
e. Lower Control Limit - Upper Control Limit

ALTA

PCDD & PCDF
EPA METHOD TO-9

OPR RESULTS
Lab ID: OPR001
Matrix: Train

Date Received: NA
Date Extracted: 9/19/00
Sample Amount: 0 Sample

QC Set: 957
Units: ng/mL

Compound	Spike Conc.	Conc. Found	OPR Limits
2,3,7,8-TCDD	2.50	2.54	1.75 - 3.25
1,2,3,7,8-PeCDD	12.5	13.0	8.75 - 16.25
1,2,3,4,7,8-HxCDD	12.5	12.3	8.75 - 16.25
1,2,3,6,7,8-HxCDD	12.5	13.2	8.75 - 16.25
1,2,3,7,8,9-HxCDD	12.5	12.4	8.75 - 16.25
1,2,3,4,6,7,8-HpCDD	12.5	12.8	8.75 - 16.25
OCDD	25.0	25.3	17.5 - 32.5
2,3,7,8-TCDF	2.50	2.41	1.75 - 3.25
1,2,3,7,8-PeCDF	12.5	11.7	8.75 - 16.25
2,3,4,7,8-PeCDF	12.5	14.9	8.75 - 16.25
1,2,3,4,7,8-HxCDF	12.5	11.7	8.75 - 16.25
1,2,3,6,7,8-HxCDF	12.5	12.1	8.75 - 16.25
2,3,4,6,7,8-HxCDF	12.5	11.6	8.75 - 16.25
1,2,3,7,8,9-HxCDF	12.5	12.5	8.75 - 16.25
1,2,3,4,6,7,8-HpCDF	12.5	12.9	8.75 - 16.25
1,2,3,4,7,8,9-HpCDF	12.5	13.6	8.75 - 16.25
OCDF	25.0	24.8	17.5 - 32.5

ALTA

PCDD & PCDF
EPA METHOD TO-9

OPR RESULTS QC Set: 957
Lab ID: OPR001

Internal Standards	Spike Conc.	%R	OPR Limits
13C-2,3,7,8-TCDD	100	69.5	40 - 130
13C-1,2,3,7,8-PeCDD	100	63.0	40 - 130
13C-1,2,3,6,7,8-HxCDD	100	71.2	40 - 130
13C-1,2,3,4,6,7,8-HpCDD	100	67.4	25 - 130
13C-OCDD	100	66.5	25 - 130
13C-2,3,7,8-TCDF	100	69.9	40 - 130
13C-1,2,3,7,8-PeCDF	100	73.4	40 - 130
13C-1,2,3,6,7,8-HxCDF	100	68.8	40 - 130
13C-1,2,3,4,6,7,8-HpCDF	100	63.6	25 - 130

Pre-spike Standards	Spike Conc.	%R	OPR Limits
37Cl-2,3,7,8-TCDD	NA	NA	70 - 130
13C-2,3,4,7,8-PeCDF	NA	NA	70 - 130
13C-1,2,3,4,7,8-HxCDD	NA	NA	70 - 130
13C-1,2,3,4,7,8-HxCDF	NA	NA	70 - 130
13C-1,2,3,4,7,8,9-HpCDF	NA	NA	70 - 130

Alternate Recovery Standard	Spike Conc.	%R	OPR Limits
13C-1,2,3,7,8,9-HxCDF	100	68.4	70 - 130

Analysis Dates
DB-5: 9/21/00

Analyst: BS

Reviewer: Sal

ALTA

PCDD & PCDF
EPA METHOD TO-9

Sample ID:	27533			Lab ID:	9092-001
Project:	9817			QC Set:	957
Matrix:	PUF	Date Received:	9/19/00	%Solids:	NA
Sample Amount:	1 Train	Date Extracted:	9/19/00	Units:	pg/m3

[a] TEQ (Min-Max): 0.0658 - 0.0889

Compound	Conc.	DL [b]	EMPC [c]	MDL [d]	Qualifier
2,3,7,8-TCDD	0.0429			1.30	
1,2,3,7,8-PeCDD	0.0360			3.01	A
1,2,3,4,7,8-HxCDD	ND	0.0302		1.93	
1,2,3,6,7,8-HxCDD	ND	0.0299		2.47	
1,2,3,7,8,9-HxCDD	ND	0.0283		2.74	
1,2,3,4,6,7,8-HpCDD	0.166			3.99	
OCDD	1.28			33.5	
2,3,7,8-TCDF	0.0113			0.991	A
1,2,3,7,8-PeCDF	ND	0.0169		2.10	
2,3,4,7,8-PeCDF	ND	0.0165		1.91	
1,2,3,4,7,8-HxCDF	ND	0.0151		3.02	
1,2,3,6,7,8-HxCDF	ND	0.0137		1.53	
2,3,4,6,7,8-HxCDF	ND	0.0117		3.05	
1,2,3,7,8,9-HxCDF	ND	0.0100		4.17	
1,2,3,4,6,7,8-HpCDF	0.0768			3.96	A
1,2,3,4,7,8,9-HpCDF	ND	0.0135		1.06	
OCDF	0.0868			10.1	A
Total TCDD	0.0963				
Total PeCDD	0.137		0.157		
Total HxCDD	0.229				
Total HpCDD	0.347				
Total TCDF	0.287				
Total PeCDF	0.140				
Total HxCDF	0.156				
Total HpCDF	0.136				

ALTA

PCDD & PCDF
EPA METHOD TO-9

Sample ID: 27533
Lab ID: 9092-001

Internal Standards	%R	LCL-UCL[e]	Qualifier
13C-2,3,7,8-TCDD	58.7	40 - 130	
13C-1,2,3,7,8-PeCDD	54.9	40 - 130	
13C-1,2,3,6,7,8-HxCDD	53.9	40 - 130	
13C-1,2,3,4,6,7,8-HpCDD	58.1	25 - 130	
13C-OCDD	52.6	25 - 130	
13C-2,3,7,8-TCDF	58.4	40 - 130	
13C-1,2,3,7,8-PeCDF	57.7	40 - 130	
13C-1,2,3,6,7,8-HxCDF	59.7	40 - 130	
13C-1,2,3,4,6,7,8-HpCDF	55.1	25 - 130	
13C-OCDF	53.3	25 - 130	
Pre-spike Standards			
37Cl-2,3,7,8-TCDD	124	70 - 130	
13C-2,3,4,7,8-PeCDF	123	70 - 130	
13C-1,2,3,4,7,8-HxCDD	148	70 - 130	
13C-1,2,3,4,7,8-HxCDF	125	70 - 130	
13C-1,2,3,4,7,8,9-HpCDF	139	70 - 130	
Alternate Recovery Standard			
13C-1,2,3,7,8,9-HxCDF	76.8	70 - 130	

Analysis Dates

DB-5: 9/22/00 **DB-225:** NA

a. Toxic Equivalent Quotient (TEQ) based on USEPA Toxic Equivalent Factors.
b. Sample specific estimated detection limit.
c. Estimated maximum possible concentration
d. Method Detection Limit
e. Lower control limit - upper control limit

ALTA

PCDD & PCDF
EPA METHOD TO-9

Sample ID: 27534
Project: 9817
Matrix: PUF
Sample Amount: 1 Train

Date Received: 9/19/00
Date Extracted: 9/19/00

Lab ID: 9092-002
QC Set: 957
%Solids: NA
Units: pg/sample

[a] TEQ (Min-Max): 0.00886 - 0.0600

Compound	Conc.	DL [b]	EMPC [c]	MDL [d]	Qualifier
2,3,7,8-TCDD	ND	0.0128		1.30	
1,2,3,7,8-PeCDD	ND	0.0212		3.01	
1,2,3,4,7,8-HxCDD	ND	0.0225		1.93	
1,2,3,6,7,8-HxCDD	ND	0.0313		2.47	
1,2,3,7,8,9-HxCDD	ND	0.0295		2.74	
1,2,3,4,6,7,8-HpCDD	0.453			3.99	
OCDD	3.12			33.5	
2,3,7,8-TCDF	ND	0.0136		0.991	
1,2,3,7,8-PeCDF	ND	0.0229		2.10	
2,3,4,7,8-PeCDF	ND	0.0223		1.91	
1,2,3,4,7,8-HxCDF	ND	0.0146		3.02	
1,2,3,6,7,8-HxCDF	ND	0.0133		1.53	
2,3,4,6,7,8-HxCDF	ND	0.0113		3.05	
1,2,3,7,8,9-HxCDF	ND	0.0163		4.17	
1,2,3,4,6,7,8-HpCDF	0.101			3.96	A
1,2,3,4,7,8,9-HpCDF	ND	0.0120		1.06	
OCDF	0.201			10.1	A
Total TCDD	0.0335				
Total PeCDD	ND	0.0212			
Total HxCDD	0.286				
Total HpCDD	0.938				
Total TCDF	0.0548				
Total PeCDF	0.145				
Total HxCDF	0.184				
Total HpCDF	0.213				

ALTA

PCDD & PCDF
EPA METHOD TO-9

Sample ID: 27534
Lab ID: 9092-002

Internal Standards	%R	LCL-UCL[e]	Qualifier
13C-2,3,7,8-TCDD	64.1	40 - 130	
13C-1,2,3,7,8-PeCDD	58.3	40 - 130	
13C-1,2,3,6,7,8-HxCDD	65.6	40 - 130	
13C-1,2,3,4,6,7,8-HpCDD	63.7	25 - 130	
13C-OCDD	64.6	25 - 130	
13C-2,3,7,8-TCDF	67.3	40 - 130	
13C-1,2,3,7,8-PeCDF	67.8	40 - 130	
13C-1,2,3,6,7,8-HxCDF	58.8	40 - 130	
13C-1,2,3,4,6,7,8-HpCDF	59.2	25 - 130	
13C-OCDF	60.6	25 - 130	
Pre-spike Standards			
37Cl-2,3,7,8-TCDD	127	70 - 130	
13C-2,3,4,7,8-PeCDF	174	70 - 130	
13C-1,2,3,4,7,8-HxCDD	128	70 - 130	
13C-1,2,3,4,7,8-HxCDF	131	70 - 130	
13C-1,2,3,4,7,8,9-HpCDF	142	70 - 130	
Alternate Recovery Standard			
13C-1,2,3,7,8,9-HxCDF	82.0	70 - 130	

Analysis Dates

DB-5: 9/22/00 **DB-225:** NA

a. Toxic Equivalent Quotient (TEQ) based on USEPA Toxic Equivalent Factors.
b. Sample specific estimated detection limit.
c. Estimated maximum possible concentration
d. Method Detection Limit
e. Lower control limit - upper control limit

ALTA

PCDD & PCDF
EPA METHOD TO-9

Sample ID:	27536			Lab ID:	9092-004
Project:	9817			QC Set:	957
Matrix:	PUF	Date Received:	9/19/00	%Solids:	NA
Sample Amount:	1 Train	Date Extracted:	9/19/00	Units:	pg/sample

[a] TEQ (Min-Max): 0.00572 - 0.0507

Compound	Conc.	DL [b]	EMPC [c]	MDL [d]	Qualifier
2,3,7,8-TCDD	ND	0.00876		1.30	
1,2,3,7,8-PeCDD	ND	0.0213		3.01	
1,2,3,4,7,8-HxCDD	ND	0.0280		1.93	
1,2,3,6,7,8-HxCDD	ND	0.0278		2.47	
1,2,3,7,8,9-HxCDD	ND	0.0263		2.74	
1,2,3,4,6,7,8-HpCDD	0.245			3.99	
OCDD	2.53			33.5	
2,3,7,8-TCDF	ND	0.0143		0.991	
1,2,3,7,8-PeCDF	ND	0.0194		2.10	
2,3,4,7,8-PeCDF	ND	0.0189		1.91	
1,2,3,4,7,8-HxCDF	ND	0.0143		3.02	
1,2,3,6,7,8-HxCDF	ND	0.0130		1.53	
2,3,4,6,7,8-HxCDF	ND	0.0111		3.05	
1,2,3,7,8,9-HxCDF	ND	0.0160		4.17	
1,2,3,4,6,7,8-HpCDF	0.0612			3.96	A
1,2,3,4,7,8,9-HpCDF	ND	0.00826		1.06	
OCDF	0.126			10.1	A
Total TCDD	0.0171		0.0275		A
Total PeCDD	ND	0.0213			
Total HxCDD	0.0631		0.101		
Total HpCDD	0.481				
Total TCDF	0.0392				
Total PeCDF	0.0992	0.0192			
Total HxCDF	0.107				
Total HpCDF	0.135				

ALTA

PCDD & PCDF
EPA METHOD TO-9

Sample ID: 27536
Lab ID: 9092-004

Internal Standards	%R	LCL-UCL[e]	Qualifier
13C-2,3,7,8-TCDD	89.6	40 - 130	
13C-1,2,3,7,8-PeCDD	83.0	40 - 130	
13C-1,2,3,6,7,8-HxCDD	95.9	40 - 130	
13C-1,2,3,4,6,7,8-HpCDD	91.7	25 - 130	
13C-OCDD	91.3	25 - 130	
13C-2,3,7,8-TCDF	97.0	40 - 130	
13C-1,2,3,7,8-PeCDF	99.3	40 - 130	
13C-1,2,3,6,7,8-HxCDF	86.0	40 - 130	
13C-1,2,3,4,6,7,8-HpCDF	85.8	25 - 130	
13C-OCDF	88.2	25 - 130	
Pre-spike Standards			
37Cl-2,3,7,8-TCDD	95.8	70 - 130	
13C-2,3,4,7,8-PeCDF	122	70 - 130	
13C-1,2,3,4,7,8-HxCDD	93.2	70 - 130	
13C-1,2,3,4,7,8-HxCDF	98.5	70 - 130	
13C-1,2,3,4,7,8,9-HpCDF	104	70 - 130	
Alternate Recovery Standard			
13C-1,2,3,7,8,9-HxCDF	77.4	70 - 130	

Analysis Dates

DB-5: 9/22/00 **DB-225:** NA

a. Toxic Equivalent Quotient (TEQ) based on USEPA Toxic Equivalent Factors.
b. Sample specific estimated detection limit.
c. Estimated maximum possible concentration
d. Method Detection Limit
e. Lower control limit - upper control limit

ALTA

PCDD & PCDF
EPA METHOD TO-9

Sample ID:	27538			Lab ID:	9092-006
Project:	9817			QC Set:	957
Matrix:	PUF	Date Received:	9/19/00	%Solids:	NA
Sample Amount:	1 Train	Date Extracted:	9/19/00	Units:	pg/m3

[a] TEQ (Min-Max): 0.0000507 - 0.0160

Compound	Conc.	DL [b]	EMPC [c]	MDL [d]	Qualifier
2,3,7,8-TCDD	ND	0.00291		1.30	
1,2,3,7,8-PeCDD	ND	0.00680		3.01	
1,2,3,4,7,8-HxCDD	ND	0.0120		1.93	
1,2,3,6,7,8-HxCDD	ND	0.0123		2.47	
1,2,3,7,8,9-HxCDD	ND	0.0113		2.74	
1,2,3,4,6,7,8-HpCDD	ND	0.0128		3.99	
OCDD	0.0507			33.5	A
2,3,7,8-TCDF	ND	0.00364		0.991	
1,2,3,7,8-PeCDF	ND	0.00752		2.10	
2,3,4,7,8-PeCDF	ND	0.00734		1.91	
1,2,3,4,7,8-HxCDF	ND	0.00373		3.02	
1,2,3,6,7,8-HxCDF	ND	0.00310		1.53	
2,3,4,6,7,8-HxCDF	ND	0.00288		3.05	
1,2,3,7,8,9-HxCDF	ND	0.00422		4.17	
1,2,3,4,6,7,8-HpCDF	ND	0.00557		3.96	
1,2,3,4,7,8,9-HpCDF	ND	0.00718		1.06	
OCDF	ND	0.0193		10.1	
Total TCDD	ND	0.00290			
Total PeCDD	ND	0.00680			
Total HxCDD	ND	0.0118			
Total HpCDD	ND	0.0128			
Total TCDF	ND	0.00364			
Total PeCDF	ND	0.00743			
Total HxCDF	ND	0.00341			
Total HpCDF	ND	0.00627			

ALTA

PCDD & PCDF
EPA METHOD TO-9

Sample ID: 27538
Lab ID: 9092-006

Internal Standards	%R	LCL-UCL[e]	Qualifier
13C-2,3,7,8-TCDD	116	40 - 130	
13C-1,2,3,7,8-PeCDD	100	40 - 130	
13C-1,2,3,6,7,8-HxCDD	113	40 - 130	
13C-1,2,3,4,6,7,8-HpCDD	106	25 - 130	
13C-OCDD	124	25 - 130	
13C-2,3,7,8-TCDF	122	40 - 130	
13C-1,2,3,7,8-PeCDF	108	40 - 130	
13C-1,2,3,6,7,8-HxCDF	101	40 - 130	
13C-1,2,3,4,6,7,8-HpCDF	90.5	25 - 130	
13C-OCDF	116	25 - 130	
Pre-spike Standards			
37Cl-2,3,7,8-TCDD	69.2	70 - 130	
13C-2,3,4,7,8-PeCDF	70.8	70 - 130	
13C-1,2,3,4,7,8-HxCDD	73.9	70 - 130	
13C-1,2,3,4,7,8-HxCDF	66.9	70 - 130	
13C-1,2,3,4,7,8,9-HpCDF	78.9	70 - 130	
Alternate Recovery Standard			
13C-1,2,3,7,8,9-HxCDF	70.5	70 - 130	

Analysis Dates

DB-5: 9/26/00 **DB-225:** NA

a. Toxic Equivalent Quotient (TEQ) based on USEPA Toxic Equivalent Factors.
b. Sample specific estimated detection limit.
c. Estimated maximum possible concentration
d. Method Detection Limit
e. Lower control limit - upper control limit

Analyst: MS

Reviewer: Sul

ALTA

APPENDIX

ALTA

DATA QUALIFIERS & ABBREVIATIONS

A	The amount detected is below the Method Calibration Limit.
B	This compound was also detected in the blank.
C	The amount detected is less than five times the Method Quantitation Limit.
D	The amount reported is the maximum possible concentration.
E	The detection limit was raised above the Method Quantitation Limit due to chemical interference's.
F	This result has been confirmed on a DB-225 column.
G	This result has been confirmed on a SP-2331 column.
H	The signal-to-noise ratio is greater than 10:1.
I	Chemical Interference

Conc.	Concentration
D.L.	Detection Limit
NA	Not applicable
S/N	Signal-to-noise
*	See Cover Letter
ND	Not Detected
MPC	Maximum Possible Concentration

CURRENT CERTIFICATIONS

ALTA

Bureau of Reclamation - Mid-Pacific Region — (MP-470, Res-1.10)

Commonwealth of Kentucky — (Certificate No. 90063)

Commonwealth of Virginia

State of Alaska — (Certificate No. OS-00197)

State of Arkansas Department of Health — (Approval granted through CA certification)

State of Arkansas Department of Pollution Control

State of California — (Certificate No. 1640)

State of Connecticut — (Certificate No. PH-0182)

State of Florida — (Certificate No. 87456)

State of Nevada — (Certificate No. CA413)

State of New York Department of Health — (Certificate No. 11411)

State of North Carolina — (Certification No. 06700)

State of North Dakota Department of Health — (Certificate No. R-078)

State of Oregon

State of Pennsylvania — (Certificate No. 68-490)

State of South Carolina — (Certificate No. 87002001)

State of Tennessee — (Certificate No. 02996)

State of Utah — (Certificate No. E-201)

State of Wisconsin — (Certificate No. 998036160)

State of Wyoming — (Ref: 8ES-LB)

U.S. Army Corps of Engineers

U.S. EPA Region 5

Washington Department of Ecology — (Certification No. C091)

11-19-99

AIR APPARATUS SHIPPING REQUEST

Date Required by Client: 9-15-2000 Carrier: (FED-EX) / UPS

Company Name: K Prime, Inc.

Contact Name: Dr. Richard A. Kagel Phone: 707-527-7574

Address: 3621 Westwind Blvd. FAX: 707-527-7879

Santa Rosa, CA. 95403

PCDD's/PCDF's

EPA method TO-9) (51.0

Number of Traps / (PUFs) 7 Prep for: (DD/DF) HRPAH PCB LRPAH Semi-Volatile

1x42BPS

XAD2 batch no.: N/A

Pre-Spiked with 25ul O/F PS (000127A) (v4)

Pre-Spiked by TY Witness DN Date 9-13-00

Number of Traps / PUFs _____ Prep for: DD/DF HRPAH PCB LRPAH Semi-Volatile

XAD2 batch no.: _____

Pre-Spiked with _____

Pre-Spiked by _____ Witness _____ Date _____

Number of Traps / PUFs _____ Prep for: DD/DF HRPAH PCB LRPAH Semi-Volatile

XAD2 batch no.: _____

Pre-Spiked with _____

Pre-Spiked by _____ Witness _____ Date _____

Number of Filters 10 102mm quartz fiber filters

QC blanks to be archived at ALTA? (YES) NO

(3 QC's)

Date Shipped _____ Carrier _____

Airbill No 4742 1096 3454 2day vs overnight _____

16 LBs

K PRIME, INC.

CHAIN OF CUSTODY RECORD

CONSULTING ANALYTICAL CHEMISTS 3621 Westwind Blvd., Santa Rosa, CA 95403 PHONE: (707) 527-7574 FAX: (707) 527-7879

Client/Project ID: K Prime

Address/Phone:

KPI Project No.:

Project Location:

Client Project No.: 9817

Contact: Rich Kagel

Sampler (Signature):

ANALYSES: EPA TO-9

Sample Identification No.	Date	Time	Lab Sample No.	Type of Sample	No. of Containers	EPA TO-9							Expected Turnaround Time	Remarks (Sample Volume (Cubic meters))
27533	9/16/00	NA		air	1	X							5 day	347.36
27534	↓	↓		↓	↓	X							↓	347.89
27535	↓	↓		↓	↓	X							↓	344.18
27536	↓	↓		↓	↓	X							↓	339.42
27537	↓	↓		↓	↓	X							↓	327.44
27538	↓	↓		↓	↓	X							↓	341.26

Relinquished by: (Signature) C Saulsman 9/18/00 4:00pm	Received by: (Signature) UPS	Date 9/18/00	Time 16:00
Relinquished by: (Signature) UPS	Received by: (Signature) K-FATT	Date 9-19-00	Time 1100
Relinquished by: (Signature)	Received by: (Signature)	Date	Time
Disposal Method	(A) Missing From Cooler upon Reciept AAA 9-19-00 HF		
Disposed by: (Signature)	Date	Time	

White Copy : Accompanies Samples
Yellow Copy : Sampler

Attachment 10.B.1

SAMPLE LOG-IN CHECKLIST

ALTA Project No.: 9092 Client/Protocol No. N/A

1. Date Samples Arrived: 9-19-00 Initials: M.L Location:			
2. Time / Date logged in: 1100 9-19-00 Initials: MF Location: R-3			
3. Samples Arrived By: (circle) FedEx (UPS) World Courier Other:			
4. Shipping Preservation: (circle) Ice / (Blue Ice) / Dry Ice / None Temp °C 4			
	YES	NO	NA
5. Shipping Container(s) Intact"? If not, describe condition in comment section.	X		
6. Shipping Container(s) Custody Seals Present?		X	
Intact? If not intact, describe condition in comment section.			X
7. Shipping Documentation Present? (circle) Shipping Label (Airbill) Tracking Number 1ZW886X70110002131	X		
8. Sample Custody Seal(s) Present? No. of Seals____ or Seal No.____		X	
Intact? If not intact, describe condition in comment section.			X
9. Sample Container Intact? If no, indicate sample condition in comment section.	X		
10. Chain of Custody (COC) or other Sample Documentation Present?	X		
11. COC/Documentation Acceptable? If no, complete COC Anomaly Form.	X		
12. Shipping Container (circle): (ALTA) Client (Retain) or Return or Disposed			
13. Container(s) and/or Bottle(s) Requested?		X	
14. Sample Control Check In/Out Log Completed? (HRMS Only)	X		
15. Drinking Water Sample? (HRMS Only) If yes, Acceptable Preservation? Y or N			
Preservation Info From? (circle) COC or Sample Container or None Noted			X
16. Number of Samples Received: N/A			

Name: _____ Date Samples Reconciled: _____
(Signature Required for LCMS Only)

Comments: Received Ice chest with Plastic tape on cooler cut open and Also partly Removed. Also there was two PUFs missing from this shipment. #s 27535 & 27537

ML 9-19-00 ALTA