Requested validation 11/9

ANALYTICAL RESULTS
TABLE 1A

Case No.: 10350/4111Y Memo #2
Site: Pacific Fruit Express
Lab: Keystone
Reviewer: G. Nicoll, ESAT/ICF Technology, Inc.
Date: November 7, 1988

Analysis Type: Soil for RAS metals

SFUND RECORDS CTR
2380746

UNVALIDATED DATA

Concentration in mg/kg

Sample Location																								
Sample I.D.	MYC683			MYC684 D1			MYC685 D1			MYC686			MYC687			MYC688 BG			MYC689			Lab Blank		
Parameter	Result	Val	Com.	Result	Val	Com.	Result	Val	Com.	Result	Val	Com.	Result	Val	Com.	Result	Val	Com.	Result	Val	Com.	Result	Val	Com
Aluminum	1970			9210			10100			13400			11800			13800			1820			4.6 L		
Antimony	3.6 U			4.5 U			4.3 U			4.1 U			4.2 U			3.8 U			3.1 U			2.9 U		
Arsenic	11.2			11.1			21.3			4.5			4.0			3.1			2.5			0.72 U		
Barium	82.5			321			604			111			82.1			72.6			29.5 L			2.4 U		
Beryllium	0.40 L			0.87 L			0.97 L			1.2 L			1.0 L			0.96 L			0.34 L			0.080 L		
Cadmium	3.5			11.5			12.4			0.87 U			0.88 U			0.81 U			0.65 U			0.62 U		
Calcium	17700			35100			34600			64100			55100			4940			4110			67.9 L		
Chromium	78.6			208			197			11.7			18.9			11.3			2.4			0.68 U		
Cobalt	5.7			7.1 L			9.2 L			4.9 L			3.8 L			5.6 L			1.8 L			0.76 U		
Copper	125			428			533			42.3			33.1			17.1			77.7			0.58 U		
Iron	14300			17400			20400			11300			11000			13200			5740			7.0 L		
Lead	354			680			858			42.4			78.5			24.5			10.1			0.46 U		
Magnesium	1530			4750			4780			8100			5230			4440			913 L			5.7 U		
Manganese	144			227			265			184			166			253			78.7			0.12 U		
Mercury	0.14			0.32			0.58			0.14 U			0.14 U			0.13 U			0.10 U			0.10 U		
Nickel	12.2			18.3			21.4			6.9 L			8.0 L			9.2 L			3.2 L			2.8 U		
Potassium	417 L			2090			2310			2840			2900			3880			455 L			70.8 U		
Selenium	0.92 U			1.1 U			1.1 U			1.0 U			1.1 U			0.96 U			0.78 U			0.74 U		
Silver	0.67 L			0.83 U			0.79 U			0.76 U			0.77 U			0.70 U			0.57 U			0.54 U		
Sodium	342 L			554 L			598 L			381 L			300 L			303 L			461 L			182 L		
Thallium	0.45 U			0.56 U			0.53 U			0.50 U			0.51 U			0.47 U			0.38 U			0.36 U		
Vanadium	6.0 L			23.3			26			36.9			19.9			23.8			8.6 L			0.66 U		
Zinc	633			1380			1610			64.4			112			43.5			37.4			3.0 L		
Percent Solids	80.8			64.7			68.3			71.4			70.2			76.9			95.4			--		

Val-Validity Refer to Data Qualifiers in Table 1B.
Com.-Comments Refer to the Corresponding Section in the Narrative for each letter.
IDL-Instrument Detection Limit for Waters, MDL-Method Detection Limit for Soils

D1, D2, etc.-Field Duplicate Pairs
FB-Field Blank, EB-Equipment Blank, TB-Travel Blank; BG-Background
CRQL-Contract Required Quantitation Limit

ANALYTICAL RESULTS
TABLE 1A

Case No.: 10350/4111Y Memo #2
Site: Pacific Fruit Express
Lab: Keystone
Reviewer: G. Nicoll, ESAT/ICF Technology, Inc.
Date: November 7, 1988

Analysis Type: Soil for RAS metals

UNVALIDATED DATA

Concentration in mg/kg

Sample Location																														
Sample I.D.	MDL			CRQL																										
Parameter	Result	Val	Com.	Result	Val	Com.	Result	Val	Com.	Result	Val	Com.	Result	Val	Com.	Result	Val	Com.	Result	Val	Com.	Result	Val	Com.	Result	Val	Com.
Aluminum	3.2			40																										
Antimony	2.9			12																										
Arsenic	0.72			2																										
Barium	2.4			40																										
Beryllium	0.060			1																										
Cadmium	0.62			1																										
Calcium	2.0			1000																										
Chromium	0.68			2																										
Cobalt	0.76			10																										
Copper	0.58			5																										
Iron	1.4			20																										
Lead	0.46			1																										
Magnesium	5.7			1000																										
Manganese	0.12			3																										
Mercury	0.10			0.1																										
Nickel	2.8			8																										
Potassium	70.8			1000																										
Selenium	0.74			1																										
Silver	0.54			2																										
Sodium	5.8			1000																										
Thallium	0.36			2																										
Vanadium	0.66			10																										
Zinc	2.3			4																										
Percent Solids	--			--																										

Val-Validity Refer to Data Qualifiers in Table 1B.
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ANALYTICAL RESULTS
TABLE 1A

Case No.: 10350/4111Y Memo #2
Site: Pacific Fruit Express
Lab: Keystone
Reviewer: G. Nicoll, ESAT/ICF Technology, Inc.
Date: November 7, 1988

Analysis Type: Water for RAS metals

UNVALIDATED DATA

Concentration in ug/L

Sample Location																							
Sample I.D.	MYC690 D2			MYC691 D2			MYC692 FB			MYC693			MYC694 BG			MYC695			MYC696			Lab Blank		
Parameter	Result	Val	Com.	Result	Val	Com.	Result	Val	Com.	Result	Val	Com.	Result	Val	Com.	Result	Val	Com.	Result	Val	Com.	Result	Val	Com.
Aluminum	61.0 L			33.4 L			199 L			47.2 L			29.3 L			21.2 L			153 L			42.3 L		
Antimony	14.7 U			14.7 U			14.7 U			14.7 U			14.7 U			14.7 U			14.7 U			14.7 U		
Arsenic	5.8 L			5.8 L			3.6 U			6.6 L			7.8 L			8.8 L			6.1 L			3.6 U		
Barium	64.6 L			64.6 L			119 L			57.8 L			59.1 L			73.8 L			61.9 L			11.9 U		
Beryllium	0.30 U			0.30 U			0.30 U			0.30 U			0.30 U			0.30 U			0.30 U			0.30 U		
Cadmium	3.1 U			3.1 U			3.1 U			3.1 U			3.1 U			3.1 U			3.1 U			3.1 U		
Calcium	54300			54900			265 L			48000			40000			38500			46800			108 L		
Chromium	3.4 U			3.4 U			3.4 U			3.4 U			3.4 U			3.4 U			3.4 U			3.4 U		
Cobalt	3.8 U			3.8 U			3.8 U			3.8 U			3.8 U			3.8 U			3.8 U			3.8 U		
Copper	76.2			28.6			8.3 L			6.9 L			4.9 L			6.6 L			24.0 L			7.4 L		
Iron	671			406			216			67.3 L			43.4 L			46.4 L			347			45.1 L		
Lead	12.0			6.8			2.3 U			2.3 U			2.3 U			2.3 U			4.5 L			2.3 U		
Magnesium	7660			7630			136 L			6720			4750 L			3670 L			5950			33.5 L		
Manganese	2.4 L			2.1 L			1.5 L			1.5 L			0.60 U			0.60 U			13.9 L			0.60 U		
Mercury	0.20 U			0.20 U			0.20 U			0.22			0.20 U			0.20 U			0.20 U			0.20 U		
Nickel	14.0 U			14.0 U			14.0 U			14.0 U			14.0 U			14.0 U			14.0 U			14.0 U		
Potassium	2300 L			2110 L			354 U			1930 L			2050 L			2030 L			2300 L			354 U		
Selenium	3.7 U			3.7 U			3.7 U			3.7 U			3.7 U			3.7 U			3.7 U			3.7 U		
Silver	2.7 U			2.7 U			2.7 U			2.7 U			2.7 U			2.7 U			2.7 U			2.7 U		
Sodium	49900			48900 U			399 L			54400			54200			55000			48400			201 L		
Thallium	1.8 U			1.8 U			1.8 U			1.8 U			1.8 U			1.8 U			1.8 U			1.8 U		
Vanadium	8.4 L			8.4 L			3.3 U			11.1 L			13.5 L			9.5 L			9.3 B			3.3 U		
Zinc	17.0 L			11.4 U			11.4 U			11.4 U			11.4 U			29.8			24.0			11.4 U		

Val-Validity Refer to Data Qualifiers in Table 1B.
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ANALYTICAL RESULTS
TABLE 1A

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Site: Pacific Fruit Express
Lab: Keystone
Reviewer: G. Nicoll, ESAT/ICF Technology, Inc.
Date: November 7, 1988

Analysis Type: Water for RAS metals

UNVALIDATED DATA

Concentration in ug/L

Sample Location																														
Sample I.D.	IDL			CRQL																										
Parameter	Result	Val	Com.	Result	Val	Com.	Result	Val	Com.	Result	Val	Com.	Result	Val	Com.	Result	Val	Com.	Result	Val	Com.	Result	Val	Com.	Result	Val	Com.
Aluminum	16.4			200																							
Antimony	14.7			60																							
Arsenic	3.6			10																							
Barium	11.9			200																							
Beryllium	0.30			5																							
Cadmium	3.1			5																							
Calcium	9.8			5000																							
Chromium	3.4			10																							
Cobalt	3.8			50																							
Copper	2.9			25																							
Iron	6.9			100																							
Lead	2.3			5																							
Magnesium	28.3			5000																							
Manganese	0.60			15																							
Mercury	0.20			0.2																							
Nickel	14.0			40																							
Potassium	354			5000																							
Selenium	3.7			5																							
Silver	2.7			10																							
Sodium	29.1			5000																							
Thallium	1.8			10																							
Vanadium	3.3			50																							
Zinc	11.4			20																							

Val-Validity Refer to Data Qualifiers in Table 1B.
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