PORSF 11.3.40.1 v.1
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USEPA SF
1445070

September 14, 2006

Mr. Brent Rotschy
Rotschy, Inc.
PO Box 290
Yacolt, Washington 98675-0290

Dear Mr. Rotschy:

This letter and its attachments are provided by Lakeside Industries to Rotschy Inc. for use as documentation that the bag house fines generated at Lakeside Industries and deposited in Rotschy Inc.'s East County Materials pit in Clark County, Washington are clean and inert. Lakeside Industries submitted a sample of bag house fines to Specialty Analytical of Tualatin, Oregon for analysis of potential chemicals of concern. The potential chemicals of concern were chosen based on the knowledge of the bag house fines' source material and its location (i.e., rock quarried from Scappoose, Oregon). The analytical testing parameters are listed below.

Analytical Testing Program

Parameters	Analytical Method
Volatile Organic Compounds (VOCs)	EPA 8260B
Total Priority Pollutant Metals [a]	EPA 6010 [b]
pH	EPA 150.1

a = antimony, arsenic, beryllium, cadmium, chromium, copper, lead, mercury, nickel, selenium, silver, thallium, zinc
b = mercury was analyzed by analytical method EPA 7471

The analytical testing results indicated VOCs were not detected above method detection limits with the exception of methylene chloride, a laboratory contaminant. Beryllium, chromium, copper, nickel, and zinc were detected above method detection limits, but at concentrations consistent with naturally occurring, or background, levels. The pH of the fines was recorded at 6.67, which Is not considered to be basic or acidic. The laboratory analytical report and chain of custody documentation are attached for your review.

Based on the testing results, the bag house fines do not contain chemicals of concern, and are considered to be an inert material. Please contact the undersigned if you have any questions or concerns.

Sincerely,

attachments: (1)
Analytical Laboratory Report and Chain of Custody Documentation

c: Mr. Chris Johnson, Washington Department of Natural Resources

Specialty Analytical

19761 S.W. 95th Avenue
Tualatin, OR 97062
(503) 612-9007
Fax (503) 612-8572
1 (877) 612-9007

June 27, 2006

Jill Betts
Hahn and Associates, Inc.
434 NW Sixth Avenue
Suite 203
Portland, OR 97209

TEL: (503) 796-0717
FAX (503) 227-2209

RE: Fines / 6235

Dear Jill Betts:

Order No.: 0606130

Specialty Analytical received 1 sample on 6/21/2006 for the analyses presented in the following report.

There were no problems with the analysis and all data for associated QC met EPA or laboratory specifications except where noted in the Case Narrative, or as qualified with flags. Results apply only to the samples analyzed. Without approval of the laboratory, the reproduction of this report is only permitted in its entirety.

If you have any questions regarding these tests, please feel free to call.

Sincerely,

Ned Engleson
Project Manager

Technical Review

Specialty Analytical

Date: *27-Jun-06*

CLIENT:	Hahn and Associates, Inc.	**Client Sample ID:**	6235-060621-600
Lab Order:	0606130	**Collection Date:**	6/20/2006 4:30:00 PM
Project:	Fines / 6235		
Lab ID:	0606130-01	**Matrix:**	SOLID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
TOTAL METALS BY ICP		E6010				Analyst: zau
Antimony	ND	1.92		mg/Kg	1	6/22/2006 5:18:36 PM
Arsenic	ND	1.92		mg/Kg	1	6/22/2006 5:18:36 PM
Beryllium	0.948	0.0962		mg/Kg	1	6/22/2006 5:18:36 PM
Cadmium	ND	0.0962		mg/Kg	1	6/22/2006 5:18:36 PM
Chromium	14.5	0.481		mg/Kg	1	6/22/2006 5:18:36 PM
Copper	9.55	0.962		mg/Kg	1	6/22/2006 5:18:36 PM
Lead	ND	1.92		mg/Kg	1	6/22/2006 5:18:36 PM
Nickel	10.2	0.481		mg/Kg	1	6/22/2006 5:18:36 PM
Selenium	ND	1.92		mg/Kg	1	6/22/2006 5:18:36 PM
Silver	ND	1.92		mg/Kg	1	6/22/2006 5:18:36 PM
Thallium	ND	2.40		mg/Kg	1	6/22/2006 5:18:36 PM
Zinc	46.8	0.962		mg/Kg	1	6/22/2006 5:18:36 PM
MERCURY, TOTAL		SW7471				Analyst: zau
Mercury	ND	0.0117		mg/Kg	1	6/23/2006
VOLATILES BY GC/MS		SW8260B				Analyst: bda
1,1,1,2-Tetrachloroethane	ND	10.0		µg/Kg	1	6/26/2006 2:14:00 PM
1,1,1-Trichioroethane	ND	10.0		µg/Kg	1	6/26/2006 2:14:00 PM
1,1,2,2-Tetrachloroethane	ND	10.0		µg/Kg	1	6/26/2006 2:14:00 PM
1,1,2-Trichloroethane	ND	10.0		µg/Kg	1	6/26/2006 2:14:00 PM
1,1-Dichloroethane	ND	10.0		µg/Kg	1	6/26/2006 2:14:00 PM
1,1-Dichloroethene	ND	10.0		µg/Kg	1	6/26/2006 2:14:00 PM
1,1-Dichloropropene	ND	10.0		µg/Kg	1	6/26/2006 2:14:00 PM
1,2,3-Trichlorobenzene	ND	10.0		µg/Kg	1	6/26/2006 2:14:00 PM
1,2,3-Trichloropropane	ND	10.0		µg/Kg	1	6/26/2006 2:14:00 PM
1,2,4-Trichlorobenzene	ND	10.0		µg/Kg	1	6/26/2006 2:14:00 PM
1,2,4-Trimethylbenzene	ND	10.0		µg/Kg	1	6/26/2006 2:14:00 PM
1,2-Dibromo-3-chloropropane	ND	10.0		µg/Kg	1	6/26/2006 2:14:00 PM
1,2-Dibromoethane	ND	10.0		µg/Kg	1	6/26/2006 2:14:00 PM
1,2-Dichlorobenzene	ND	10.0		µg/Kg	1	6/26/2006 2:14:00 PM
1,2-Dichloroethane	ND	10.0		µg/Kg	1	6/26/2006 2:14:00 PM
1,2-Dichloropropane	ND	10.0		µg/Kg	1	6/26/2006 2:14:00 PM
1,3,5-Trimethylbenzene	ND	10.0		µg/Kg	1	6/26/2006 2:14:00 PM
1,3-Dichlorobenzene	ND	10.0		µg/Kg	1	6/26/2006 2:14:00 PM
1,3-Dichloropropane	ND	10.0		µg/Kg	1	6/26/2006 2:14:00 PM
1,4-Dichlorobenzene	ND	10.0		µg/Kg	1	6/26/2006 2:14:00 PM
2,2-Dichloropropane	ND	10.0		µg/Kg	1	6/26/2006 2:14:00 PM
2-Butanone	ND	20.0		µg/Kg	1	6/26/2006 2:14:00 PM
2-Chlorotoluene	ND	10.0		µg/Kg	1	6/26/2006 2:14:00 PM
2-Hexanone	ND	20.0		µg/Kg	1	6/26/2006 2:14:00 PM
4-Chlorotoluene	ND	10.0		µg/Kg	1	6/26/2006 2:14:00 PM

Specialty Analytical

Date: *27-Jun-06*

CLIENT:	Hahn and Associates, Inc.	**Client Sample ID:**	6235-060621-600
Lab Order:	0606130	**Collection Date:**	6/20/2006 4:30:00 PM
Project:	Fines / 6235		
Lab ID:	0606130-01	**Matrix:**	**SOLID**

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		**SW8260B**				Analyst: bda
4-Isopropyltoluene	ND	10.0		µg/Kg	1	6/26/2006 2:14:00 PM
4-Methyl-2-pentanone	ND	20.0		µg/Kg	1	6/26/2006 2:14:00 PM
Acetone	ND	50.0		µg/Kg	1	6/26/2006 2:14:00 PM
Benzene	ND	10.0		µg/Kg	1	6/26/2006 2:14:00 PM
Bromobenzene	ND	10.0		µg/Kg	1	6/26/2006 2:14:00 PM
Bromochloromethane	ND	10.0		µg/Kg	1	6/26/2006 2:14:00 PM
Bromodichloromethane	ND	10.0		µg/Kg	1	6/26/2006 2:14:00 PM
Bromoform	ND	10.0		µg/Kg	1	6/26/2006 2:14:00 PM
Bromomethane	ND	10.0		µg/Kg	1	6/26/2006 2:14:00 PM
Carbon disulfide	ND	10.0		µg/Kg	1	6/26/2006 2:14:00 PM
Carbon tetrachloride	ND	10.0		µg/Kg	1	6/26/2006 2:14:00 PM
Chlorobenzene	ND	10.0		µg/Kg	1	6/26/2006 2:14:00 PM
Chloroethane	ND	10.0		µg/Kg	1	6/26/2006 2:14:00 PM
Chloroform	ND	10.0		µg/Kg	1	6/26/2006 2:14:00 PM
Chloromethane	ND	10.0		µg/Kg	1	6/26/2006 2:14:00 PM
cis-1,2-Dichloroethene	ND	10.0		µg/Kg	1	6/26/2006 2:14:00 PM
cis-1,3-Dichloropropene	ND	10.0		µg/Kg	1	6/26/2006 2:14:00 PM
Dibromochloromethane	ND	10.0		µg/Kg	1	6/26/2006 2:14:00 PM
Dibromomethane	ND	10.0		µg/Kg	1	6/26/2006 2:14:00 PM
Dichlorodifluoromethane	ND	10.0		µg/Kg	1	6/26/2006 2:14:00 PM
Ethylbenzene	ND	10.0		µg/Kg	1	6/26/2006 2:14:00 PM
Hexachlorobutadiene	ND	10.0		µg/Kg	1	6/26/2006 2:14:00 PM
Isopropylbenzene	ND	10.0		µg/Kg	1	6/26/2006 2:14:00 PM
m,p-Xylene	ND	20.0		µg/Kg	1	6/26/2006 2:14:00 PM
Methyl tert-butyl ether	ND	10.0		µg/Kg	1	6/26/2006 2:14:00 PM
Methylene chloride	58.7	50.0	P	µg/Kg	1	6/26/2006 2:14:00 PM
n-Butylbenzene	ND	10.0		µg/Kg	1	6/26/2006 2:14:00 PM
n-Propylbenzene	ND	10.0		µg/Kg	1	6/26/2006 2:14:00 PM
Naphthalene	ND	10.0		µg/Kg	1	6/26/2006 2:14:00 PM
o-Xylene	ND	10.0		µg/Kg	1	6/26/2006 2:14:00 PM
sec-Butylbenzene	ND	10.0		µg/Kg	1	6/26/2006 2:14:00 PM
Styrene	ND	10.0		µg/Kg	1	6/26/2006 2:14:00 PM
tert-Butylbenzene	ND	10.0		µg/Kg	1	6/26/2006 2:14:00 PM
Tetrachloroethene	ND	10.0		µg/Kg	1	6/26/2006 2:14:00 PM
Toluene	ND	10.0		µg/Kg	1	6/26/2006 2:14:00 PM
trans-1,2-Dichloroethene	ND	10.0		µg/Kg	1	6/26/2006 2:14:00 PM
trans-1,3-Dichloropropene	ND	10.0		µg/Kg	1	6/26/2006 2:14:00 PM
Trichloroethene	ND	10.0		µg/Kg	1	6/26/2006 2:14:00 PM
Trichlorofluoromethane	ND	10.0		µg/Kg	1	6/26/2006 2:14:00 PM
Vinyl chloride	ND	10.0		µg/Kg	1	6/26/2006 2:14:00 PM
Surr: 1,2-Dichloroethane-d4	114	71.5-112	S	%REC	1	6/26/2006 2:14:00 PM

Specialty Analytical

Date: *27-Jun-06*

CLIENT:	Hahn and Associates, Inc.	**Client Sample ID:**	6235-060621-600
Lab Order:	0606130	**Collection Date:**	6/20/2006 4:30:00 PM
Project:	Fines / 6235		
Lab ID:	0606130-01	**Matrix:**	SOLID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		**SW8260B**				Analyst: **bda**
Surr: 4-Bromofluorobenzene	98.1	75.7-122		%REC	1	6/26/2006 2:14:00 PM
Surr: Dibromofluoromethane	109	64.3-124		%REC	1	6/26/2006 2:14:00 PM
Surr: Toluene-d8	91.5	74.9-120		%REC	1	6/26/2006 2:14:00 PM
CORROSIVITY BY PH		**SW9045B**				Analyst: **are**
pH	6.67	1.00		pH Units	1	6/26/2006

KEY TO FLAGS

A	This sample contains a Gasoline Range Organic not identified as a specific hydrocarbon product. The result was quantified against gasoline calibration standards.
A1	This sample contains a Diesel Range Organic not identified as a specific hydrocarbon product. The result was quantified against diesel calibration standards.
A2	This sample contains a Lube Oil Range Organic not identified as a specific hydrocarbon product. The result was quantified against a lube oil calibration standard.
A3	The result was determined to be Non-Detect based on hydrocarbon pattern recognition. The product was carry-over from another hydrocarbon type.
B	The blank exhibited a positive result greater than the reporting limit for this compound.
CN	See Case Narrative.
D	Result is based from a dilution.
E	Result exceeds the calibration range for this compound. The result should be considered as estimate.
F	The positive result for this hydrocarbon is due to single component contamination. The product does not match any hydrocarbon in the fuels library.
H	Sample was analyzed outside recommended hold time.
HT	At clients request, sample was analyzed outside recommended hold time.
J	The result for this analyte is between the MDL and the PQL and should be considered as estimated concentration.
K	Diesel result is biased high due to amount of Oil contained in the sample.
L	Diesel result is biased high due to amount of Gasoline contained in the sample.
M	Oil result is biased high due to amount of Diesel contained in the sample.
N	Gasoline result is biased high due to amount of Diesel contained in the sample.
MG	Sample concentration is greater than 4x the spiked value, the spiked value is considered insignificant.
MI	Result is outside control limits due to matrix interference.
MSA	Value determined by Method of Standard Addition.
O	Laboratory Control Standard (LCS) exceeded laboratory control limits, but meets CCV criteria. Data meets EPA requirements.
P	Detection levels of Methylene Chloride may be laboratory contamination, due to previous analysis or background levels.
Q	Detection levels elevated due to sample matrix.
R	RPD control limits were exceeded.
RF	Duplicate failed due to result being at or near the method-reporting limit.
RP	Matrix spike values exceed established QC limits, post digestion spike is in control.
S	Recovery is outside control limits.
SC	Closing CCV or LCS exceeded high recovery control limits, but associated samples are non-detect. Data meets EPA requirements.
*	The result for this parameter was greater that the maximum contaminant level of the TCLP regulatory limit.

Specialty Analytical

Date: *27-Jun-06*

CLIENT: Hahn and Associates, Inc.
Work Order: 0606130
Project: Fines / 6235

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_S

Sample ID **MBLK-16090** SampType: **MBLK** TestCode: **6010_S** Units: **mg/Kg** Prep Date: **6/22/2006** Run ID: **TJA IRIS_060622A**
Client ID: **ZZZZZ** Batch ID: **16090** TestNo: **E6010** Analysis Date: **6/22/2006** SeqNo: **400111**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDUmit	Qual
Antimony	ND	2.00									
Arsenic	ND	2.00									
Beryllium	ND	0.100									
Cadmium	ND	0.100									
Chromium	ND	0.500									
Copper	ND	1.00									
Lead	ND	2.00									
Nickel	ND	0.500									
Selenium	ND	2.00									
Silver	ND	2.00									
Thallium	ND	2.50									
Zinc	ND	1.00									

Sample ID LCS-16090 SampType: LCS TestCode: **6010_S** Units: **mg/Kg** Prep Date: **6/22/2006** Run ID: **TJA IRIS_060622A**
Client ID: **ZZZZZ** Batch ID: **16090** TestNo: **E6010** Analysis Date: **6/22/2006** SeqNo: **400112**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	49.99	2.00	50	0	100	86.7	111	0	0		
Arsenic	100.5	2.00	100	0	101	85.1	107	0	0		
Beryllium	4.849	0.100	5	0	97	89.2	112	0	0		
Cadmium	4.97	0.100	5	0	99.4	87.2	109	0	0		
Chromium	24.94	0.500	25	0	99.8	84	113	0	0		
Copper	49.6	1.00	50	0	99.2	91.3	111	0	0		
Lead	101.2	2.00	100	0	101	84.9	109	0	0		
Nickel	25.05	0.500	25	0	100	85.5	112	0	0		
Selenium	98.63	2.00	100	0	98.6	88.7	111	0	0		
Silver	47.99	2.00	50	0	96	79.3	109	0	0		
Thallium	120.3	2.50	125	0	96.2	87.1	108	0	0		
Zinc	50.49	1.00	50	0	101	86.8	112	0	0		

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blanl

CLIENT: Hahn and Associates, Inc.
Work Order: 0606130
Project: Fines / 6235

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_S

Sample ID 0606132-01AMS | SampType: MS | TestCode: 6010_S | Units: mg/Kg | Prep Date: 6/22/2006 | Run ID: TJA IRIS_060622A
Client ID: ZZZZZ | Batch ID: 16090 | TestNo: E6010 | Analysis Date: 6/22/2006 | SeqNo: 400115

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	27.46	1.75	43.86	1.904	58.3	75	125	0	0		S,RP
Arsenic	86.08	1.75	87.72	0	98.1	86.1	109	0	0		
Beryllium	4.385	0.0877	4.386	0.02807	99.3	84.3	112	0	0		
Cadmium	4.105	0.0877	4.386	0	93.6	86.4	113	0	0		
Lead	80.61	1.75	87.72	2.088	89.5	84.9	109	0	0		
Selenium	88.33	1.75	87.72	0.7368	99.9	77.7	116	0	0		
Silver	42.78	1.75	43.86	0	97.5	75	123	0	0		
Thallium	51.98	2.19	109.6	0	47.4	75	112	0	0		S,RP

Sample ID 0606132-01AMS | SampType: MS | TestCode: 6010_S | Units: mg/Kg | Prep Date: 6/22/2006 | Run ID: TJA IRIS_060622A
Client ID: ZZZZZ | Batch ID: 16090 | TestNo: E6010 | Analysis Date: 6/22/2006 | SeqNo: 400127

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chromium	122.5	4.39	21.93	84.65	172	75	121	0	0		S,MC
Copper	223.2	8.77	43.86	148.9	169	75.1	126	0	0		S,MC
Nickel	429.5	4.39	21.93	339.2	412	89.3	105	0	0		S,MC
Zinc	238.2	8.77	43.86	160.2	178	86.2	113	0	0		S,MC

Sample ID 0606132-01AMSD | SampType: MSD | TestCode: 6010_S | Units: mg/Kg | Prep Date: 6/22/2006 | Run ID: TJA IRIS_060622A
Client ID: ZZZZZ | Batch ID: 16090 | TestNo: E6010 | Analysis Date: 6/22/2006 | SeqNo: 400116

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	24.86	1.69	42.37	1.904	54.2	75	125	27.46	9.94	20	S,RP
Arsenic	81.82	1.69	84.75	0	96.6	86.1	109	86.08	5.07	20	
Beryllium	4.177	0.0847	4.237	0.02807	97.9	84.3	112	4.385	4.86	20	
Cadmium	3.856	0.0847	4.237	0	91	86.4	113	4.105	6.26	20	
Lead	76.92	1.69	84.75	2.088	88.3	84.9	109	80.61	4.67	20	
Selenium	84.16	1.69	84.75	0.7368	98.4	77.7	116	88.33	4.84	20	
Silver	40.16	1.69	42.37	0	94.8	75	123	42.78	6.32	20	
Thallium	47.15	2.12	105.9	0	44.5	75	112	51.98	9.74	20	S,RP

Qualifiers: ND - Not Detected at the Reporting Limit | S - Spike Recovery outside accepted recovery limits | B - Analyte detected in the associated Method Blanl
J - Analyte detected below quantitation limits | R - RPD outside accepted recovery limits

CLIENT: Hahn and Associates, Inc.
Work Order: 0606130
Project: Fines / 6235

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_S

Sample ID	0606132-01AMSD	SampType:	MSD	TestCode:	6010_S	Units:	mg/Kg	Prep Date:	6/22/2006	Run ID:	TJA IRIS_060622A
Client ID:	ZZZZZ	Batch ID:	16090	TestNo:	E6010			Analysis Date:	6/22/2006	SeqNo:	400128

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chromium	129.5	4.24	21.19	84.65	212	75	121	122.5	5.58	20	S,MC
Copper	236.3	8.47	42.37	148.9	206	75.1	126	223.2	5.71	20	S,MC
Nickel	468.6	4.24	21.19	339.2	611	89.3	105	429.5	8.72	20	S,MC
Zinc	253.4	8.47	42.37	160.2	220	86.2	113	238.2	6.20	20	S,MC

Sample ID	0606132-01ADUP	SampType:	DUP	TestCode:	6010_S	Units:	mg/Kg	Prep Date:	6/22/2006	Run ID:	TJA IRIS_060622A
Client ID:	ZZZZZ	Batch ID:	16090	TestNo:	E6010			Analysis Date:	6/22/2006	SeqNo:	400114

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	2.053	1.75	0	0	0	0	0	1.904	7.54	20	
Arsenic	ND	1.75	0	0	0	0	0	0	0	20	
Beryllium	0.02807	0.0877	0	0	0	0	0	0.02807	0	20	J
Cadmium	ND	0.0877	0	0	0	0	0	0	0	20	
Lead	2.596	1.75	0	0	0	0	0	2.088	21.7	20	RF
Selenium	0.9211	1.75	0	0	0	0	0	0.7368	0	20	J
Silver	ND	1.75	0	0	0	0	0	0	0	20	
Thallium	ND	2.19	0	0	0	0	0	0	0	20	

Sample ID	0606132-01ADUP	SampType:	DUP	TestCode:	6010_S	Units:	mg/Kg	Prep Date:	6/22/2006	Run ID:	TJA IRIS_060622A
Client ID:	ZZZZZ	Batch ID:	16090	TestNo:	E6010			Analysis Date:	6/22/2006	SeqNo:	400126

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chromium	93.51	4.39	0	0	0	0	0	84.65	9.95	20	
Copper	159	8.77	0	0	0	0	0	148.9	6.55	20	
Nickel	377.3	4.39	0	0	0	0	0	339.2	10.6	20	
Zinc	176.1	8.77	0	0	0	0	0	160.2	9.49	20	

Sample ID	CCV	SampType:	CCV	TestCode:	6010_S	Units:	mg/Kg	Prep Date:		Run ID:	TJA IRIS_060622A
Client ID:	ZZZZZ	Batch ID:	16090	TestNo:	E6010			Analysis Date:	6/22/2006	SeqNo:	400120

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blanl

CLIENT: Hahn and Associates, Inc.
Work Order: 0606130
Project: Fines / 6235

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_S

Sample ID CCV | SampType: CCV | TestCode: 6010_S | Units: mg/Kg | Prep Date: | Run ID: TJA IRIS_060622A
Client ID: ZZZZZ | Batch ID: 16090 | TestNo: E6010 | Analysis Date: 6/22/2006 | SeqNo: 400120

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	51.33	2.00	50	0	103	90	110	0	0		
Arsenic	104.3	2.00	100	0	104	90	110	0	0		
Beryllium	5.003	0.100	5	0	100	90	110	0	0		
Cadmium	5.14	0.100	5	0	103	90	110	0	0		
Chromium	25.49	0.500	25	0	102	90	110	0	0		
Copper	50.76	1.00	50	0	102	90	110	0	0		
Lead	103.6	2.00	100	0	104	90	110	0	0		
Nickel	25.77	0.500	25	0	103	90	110	0	0		
Selenium	101	2.00	100	0	101	90	110	0	0		
Silver	49.76	2.00	50	0	99.5	90	110	0	0		
Thallium	120.6	2.50	125	0	96.5	90	110	0	0		
Zinc	51.86	1.00	50	0	104	90	110	0	0		

Sample ID CCV | SampType: CCV | TestCode: 6010_S | Units: mg/Kg | Prep Date: | Run ID: TJA IRIS_060622A
Client ID: ZZZZZ | Batch ID: 16090 | TestNo: E6010 | Analysis Date: 6/22/2006 | SeqNo: 400129

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	51.83	2.00	50	0	104	90	110	0	0		
Arsenic	104.7	2.00	100	0	105	90	110	0	0		
Beryllium	5.07	0.100	5	0	101	90	110	0	0		
Cadmium	5.23	0.100	5	0	105	90	110	0	0		
Chromium	26.33	0.500	25	0	105	90	110	0	0		
Copper	51.36	1.00	50	0	103	90	110	0	0		
Lead	105.1	2.00	100	0	105	90	110	0	0		
Nickel	26.04	0.500	25	0	104	90	110	0	0		
Selenium	103.5	2.00	100	0	104	90	110	0	0		
Silver	51.05	2.00	50	0	102	90	110	0	0		
Thallium	129.9	2.50	125	0	104	90	110	0	0		
Zinc	52.87	1.00	50	0	106	90	110	0	0		

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blanl

CLIENT: Hahn and Associates, Inc.
Work Order: 0606130
Project: Fines / 6235

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_S

Sample ID	ICV	SampType:	ICV	TestCode:	6010_S	Units:	mg/Kg	Prep Date:		Run ID:	TJA IRIS_060622A
Client ID:	ZZZZZ	Batch ID:	16090	TestNo:	E6010			Analysis Date:	6/22/2006	SeqNo:	400110

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	50.04	2.00	50	0	100	90	110	0	0		
Arsenic	100.2	2.00	100	0	100	90	110	0	0		
Beryllium	4.881	0.100	5	0	97.6	90	110	0	0		
Cadmium	5.03	0.100	5	0	101	90	110	0	0		
Chromium	25.1	0.500	25	0	100	90	110	0	0		
Copper	50.04	1.00	50	0	100	90	110	0	0		
Lead	100.9	2.00	100	0	101	90	110	0	0		
Nickel	25.04	0.500	25	0	100	90	110	0	0		
Selenium	98.83	2.00	100	0	98.8	90	110	0	0		
Silver	50.17	2.00	50	0	100	90	110	0	0		
Thallium	123.5	2.50	125	0	98.8	90	110	0	0		
Zinc	50.92	1.00	50	0	102	90	110	0	0		

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

CLIENT: Hahn and Associates, Inc.
Work Order: 0606130
Project: Fines / 6235

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_S

Sample ID	MB	SampType:	MBLK	TestCode:	8260_S	Units:	pg/Kg	Prep Date:	6/22/2006	Run ID:	S973L_060623B
Client ID:	ZZZZZ	Batch ID:	16087	TestNo:	SW8260B			Analysis Date:	6/24/2006	SeqNo:	400500

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	10.0									
1,1,1-Trichloroethane	ND	10.0									
1,1,2,2-Tetrachloroethane	ND	10.0									
1,1,2-Trichloroethane	ND	10.0									
1,1-Dichloroethane	ND	10.0									
1,1-Dichloroethene	ND	10.0									
1,1-Dichloropropene	ND	10.0									
1,2,3-Trichlorobenzene	4.88	10.0									J
1,2,3-Trichloropropane	ND	10.0									
1,2,4-Trichlorobenzene	2.86	10.0									J
1,2,4-Trimethylbenzene	ND	10.0									
1,2-Dibromo-3-chloropropane	ND	10.0									
1,2-Dibromoethane	ND	10.0									
1,2-Dichlorobenzene	0.57	10.0									J
1,2-Dichloroethane	ND	10.0									
1,2-Dichloropropane	ND	10.0									
1,3,5-Trimethylbenzene	ND	10.0									
1,3-Dichlorobenzene	ND	10.0									
1,3-Dichloropropane	ND	10.0									
1,4-Dichlorobenzene	ND	10.0									
2,2-Dichloropropane	ND	10.0									
2-Butanone	ND	20.0									
2-Chlorotoluene	ND	10.0									
2-Hexanone	ND	20.0									
4-Chlorotoluene	ND	10.0									
4-Isopropyltoluene	ND	10.0									
4-Melhyl-2-pentanone	ND	20.0									
Acetone	ND	50.0									
Benzene	ND	10.0									
Bromobenzene	ND	10.0									
Bromochloromethane	ND	10.0									

Qualifiers: ND - Not Detected at the Reporting Limit
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B - Analyte detected in the associated Method Blanl

CLIENT: Hahn and Associates, Inc.
Work Order: 0606130
Project: Fines / 6235

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_S

Sample ID MB	SampType: MBLK	TestCode: 8260_S	Units: pg/Kg	Prep Date: 6/22/2006	Run ID: 5973L_060623B
Client ID: ZZZZZ	Batch ID: 16087	TestNo: SW8260B		Analysis Date: 6/24/2006	SeqNo: 400500

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Bromodichloromethane	ND	10.0									
Bromoform	ND	10.0									
Bromomethane	ND	10.0									
Carbon disulfide	ND	10.0									
Carbon tetrachloride	ND	10.0									
Chlorobenzene	ND	10.0									
Chloroethane	ND	10.0									
Chloroform	0.52	10.0									J
Chloromethane	ND	10.0									
cis-1,2-Dichloroethene	ND	10.0									
cis-1,3-Dichloropropene	ND	10.0									
Dibromochloromethane	ND	10.0									
Dibromomethane	ND	10.0									
Dichlorodifluoromethane	ND	10.0									
Ethylbenzene	ND	10.0									
Hexachlorobutadiene	ND	10.0									
Isopropylbenzene	ND	10.0									
m,p-Xylene	ND	20.0									
Methyl tert-butyl ether	ND	10.0									
Methylene chloride	ND	50.0									
n-Butylbenzene	ND	10.0									
n-Propylbenzene	ND	10.0									
Naphthalene	6.67	10.0									J
o-Xylene	ND	10.0									
sec-Butylbenzene	ND	10.0									
Styrene	ND	10.0									
tert-Butylbenzene	ND	10.0									
Tetrachloroethene	ND	10.0									
Toluene	ND	10.0									
trans-1,2-Dichloroethene	ND	10.0									
trans-1,3-Dichloropropene	ND	10.0									

Qualifiers: ND - Not Detected at the Reporting Limit
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B - Analyte detected in the associated Method Blanl

CLIENT: Hahn and Associates, Inc.
Work Order: 0606130
Project: Fines / 6235

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_S

Sample ID **MB** SampType: **MBLK** TestCode: **8260_S** Units: **pg/Kg** Prep Date: **6/22/2006** Run ID: **5973L_060623B**
Client ID: **ZZZZZ** Batch ID: **16087** TestNo: **SW8260B** Analysis Date: **6/24/2006** SeqNo: **400500**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Trichloroethene	ND	10.0									
Trichlorotfluoromethane	ND	10.0									
Vinyl chloride	ND	10.0									
Surr: 1,2-Dichloroethane-d4	97.83	0	100	0	97.8	71.5	112	0	0		
Surr: 4-Bromofluorobenzene	97.06	0	100	0	97.1	75.7	122	0	0		
Surr: Dibromofluoromethane	101.2	0	100	0	101	64.3	124	0	0		
Surr: Toluene-d8	94.29	0	100	0	94.3	74.9	120	0	0		

Sample ID **LCS-16087** SampType: **LCS** TestCode: **8260_S** Units: **pg/Kg** Prep Date: **6/22/2006** Run ID: **5973L_060623B**
Client ID: **ZZZZZ** Batch ID: **16087** TestNo: **SW8260B** Analysis Date: **6/24/2006** SeqNo: **400499**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	46.63	10.0	40	0	117	65.4	133	0	0		
Benzene	42.49	10.0	40	0	106	78	123	0	0		
Chlorobenzene	39.49	10.0	40	0	98.7	79.5	125	0	0		
Toluene	40.27	10.0	40	0	101	77.5	132	0	0		
Trichloroethene	42.84	10.0	40	0	107	72.4	124	0	0		

Sample ID **0606120-10BMS** SampType: **MS** TestCode: **8260_S** Units: **pg/Kg** Prep Date: **6/22/2006** Run ID: **5973L_060626B**
Client ID: **ZZZZZ** Batch ID: **16087** TestNo: **SW8260B** Analysis Date: **6/26/2006** SeqNo: **400717**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	36.31	10.0	40	0	90.8	69.2	158	0	0		
Benzene	36.97	10.0	40	0	92.4	71.7	147	0	0		
Chlorobenzene	35.57	10.0	40	0	88.9	75	148	0	0		
Toluene	35.26	10.0	40	0	88.2	75.8	153	0	0		
Trichloroethene	36.63	10.0	40	0	91.6	77.1	138	0	0		

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

CLIENT: Hahn and Associates, Inc.
Work Order: 0606130
Project: Fines / 6235

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_S

Sample ID 0606120-10BMSD | SampType: MSD | TestCode: 8260_S | Units: pg/Kg | Prep Date: 6/22/2006 | Run ID: 5973L_060623B
Client ID: ZZZZZ | Batch ID: 16087 | TestNo: SW8260B | Analysis Date: 6/24/2006 | SeqNo: 400505

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	34.8	10.0	40	0	87	69.2	158	36.31	4.25	20	
Benzene	33.38	10.0	40	0	83.4	71.7	147	36.97	10.2	20	
Chlorobenzene	30.99	10.0	40	0	77.5	75	148	35.57	13.8	20	
Toluene	30.74	10.0	40	0	76.8	75.8	153	35.26	13.7	20	
Trichloroethene	32.41	10.0	40	0	81	77.1	138	36.63	12.2	20	

Sample ID CCV-16087 | SampType: CCV | TestCode: 8260_S | Units: pg/Kg | Prep Date: | Run ID: 5973L_060623B
Client ID: ZZZZZ | Batch ID: 16087 | TestNo: SW8260B | Analysis Date: 6/24/2006 | SeqNo: 400498

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	38.55	10.0	40	0	96.4	80	120	0	0		
1,2-Dichloropropane	36.41	10.0	40	0	91	80	120	0	0		
Chloroform	36.68	10.0	40	0	91.7	80	120	0	0		
Ethylbenzene	35.62	10.0	40	0	89	80	120	0	0		
Toluene	35.52	10.0	40	0	88.8	80	120	0	0		
Vinyl chloride	38.43	10.0	40	0	96.1	80	120	0	0		

Sample ID CCV-16087 | SampType: CCV | TestCode: 8260_S | Units: pg/Kg | Prep Date: | Run ID: 5973L_060626B
Client ID: ZZZZZ | Batch ID: 16087 | TestNo: SW8260B | Analysis Date: 6/26/2006 | SeqNo: 400709

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	39.84	10.0	40	0	99.6	80	120	0	0		
1,2-Dichloropropane	39.16	10.0	40	0	97.9	80	120	0	0		
Chloroform	39.57	10.0	40	0	98.9	80	120	0	0		
Ethylbenzene	38.15	10.0	40	0	95.4	80	120	0	0		
Toluene	37.88	10.0	40	0	94.7	80	120	0	0		
Vinyl chloride	47.25	10.0	40	0	118	80	120	0	0		

Qualifiers: ND - Not Detected at the Reporting Limit
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B - Analyte detected in the associated Method Blanl

CLIENT: Hahn and Associates, Inc.
Work Order: 0606130
Project: Fines / 6235

ANALYTICAL QC SUMMARY REPORT

TestCode: HG_CTS

Sample ID	MB-16098	SampType:	MBLK	TestCode:	HG_CTS	Units:	mg/Kg	Prep Date:	6/23/2006	Run ID:	CVAA_060623A
Client ID:	ZZZZZ	Batch ID:	16098	TestNo:	SW7471			Analysis Date:	6/23/2006	SeqNo:	400365

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	ND	0.0167									

Sample ID	LCS-16098	SampType:	LCS	TestCode:	HG_CTS	Units:	mg/Kg	Prep Date:	6/23/2006	Run ID:	CVAA_060623A
Client ID:	ZZZZZ	Batch ID:	16098	TestNo:	SW7471			Analysis Date:	6/23/2006	SeqNo:	400364

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.2178	0.0167	0.208	0	105	88.2	113	0	0		

Sample ID	0606134-01BMS	SampType:	MS	TestCode:	HG_CTS	Units:	mg/Kg	Prep Date:	6/23/2006	Run ID:	CVAA_060623A
Client ID:	ZZZZZ	Batch ID:	16098	TestNo:	SW7471			Analysis Date:	6/23/2006	SeqNo:	400361

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.1985	0.0162	0.2013	0	98.6	78.1	125	0	0		

Sample ID	0606134-01BMSD	SampType:	MSD	TestCode:	HG_CTS	Units:	mg/Kg	Prep Date:	6/23/2006	Run ID:	CVAA_060623A
Client ID:	ZZZZZ	Batch ID:	16098	TestNo:	SW7471			Analysis Date:	6/23/2006	SeqNo:	400362

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.2216	0.0162	0.2013	0	110	78.1	125	0.1985	11.0	20	

Sample ID	0606134-01BDUP	SampType:	DUP	TestCode:	HG_CTS	Units:	mg/Kg	Prep Date:	6/23/2006	Run ID:	CVAA_060623A
Client ID:	ZZZZZ	Batch ID:	16098	TestNo:	SW7471			Analysis Date:	6/23/2006	SeqNo:	400360

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.002758	0.0162	0	0	0	0	0	0	0	20	J

Sample ID	CCV	SampType:	CCV	TestCode:	HG_CTS	Units:	mg/Kg	Prep Date:		Run ID:	CVAA_060623A
Client ID:	ZZZZZ	Batch ID:	16098	TestNo:	SW7471			Analysis Date:	6/23/2006	SeqNo:	400363

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blanl

CLIENT: Hahn and Associates, Inc.
Work Order: 0606130
Project: Fines / 6235

ANALYTICAL QC SUMMARY REPORT

TestCode: HG_CTS

Sample ID	CCV	SampType:	CCV	TestCode:	HG_CTS	Linits:	mg/Kg	Prep Date:			Run ID:	CVAA_060623A
Client ID:	ZZZZZ	Batch ID:	16098	TestNo:	SW7471			Analysis Date:	6/23/2006		SeqNo:	400363

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.2291	0.0167	0.2083	0	110	90	110	0	0		

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blanl

CLIENT: Hahn and Associates, Inc.
Work Order: 0606130
Project: Fines / 6235

ANALYTICAL QC SUMMARY REPORT

TestCode: PH_S

Sample ID	0606130-01ADUP	SampType:	DUP	TestCode:	PH_S	Units:	pH Units	Prep Date:			Run ID:	PH ACCUMET_060626A
Client ID:	6235-060621-600	Batch ID:	R42210	TestNo:	SW9045B			Analysis Date:	6/26/2006		SeqNo:	400675

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
pH	6.62	1.00	0	0	0	0	0	6.67	0.752	20	

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blanl

06060130

HAHN AND ASSOCIATES, INC.

Environmental Consultants
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(503) 796-0717 • Fax (503) 227-2209

Laboratory: Specialty Analytical
19761 SW 95th Ave., Tualatin, Oregon

Lab Project No.

CHAIN OF CUSTODY

Chain of Custody No. 1 of 1

Project Manager: Jill Betts
Project No.: 6235
Project Name: Pipes
Collected by: Pat Dunigan

Liquid with Sediment Sample: ____ Test Filtrate ____ Test Sediment ____ Test Both
Multi-Phase Sample: ____ Test One (which) ____ Test Separately ____ Shake

Samples Received at 4C (Y or N):
Appropriate Containers Used (Y or N):
Provids Verbal Results (Y or N): No
Provide Preliminary Fax Results: Yes

Comments

Sample Number Prefix: 6235-060621-600

Lab ID	Sample #	Date	Time	Sample Description	Soil	Water	Other	Number of Containers	pH	VOOs (EPA Method 8260)	Priority Pollutant Metals							RUSH	Remarks
	600	20-Jun-06	4:30P	Dust			x	1	X	X	X								

Relinquished by	Company	Date	Time	Received by	Company
Charles Gaskill	Lakeside Industries	6/21/06	11:55A		
		6/21/06	12:27	Nikki Silton	Specialty