State of Oregon
Department of
Environmental
Quality

Application for a

Solid Waste Beneficial Use Determination

DEQ USE ONLY – BUSINESS OFFICE
Date Received:
Amount Received:
Check No.:
Deposit No.:
Forward confirmation of fee payment for: Eastern Region to DEQ, The Dalles Northwestern Region to DEQ-NWR, Portland Western Region to DEQ, Salem

PO1 5440

A. REFERENCE INFORMATION *(Please type or print clearly.)*

SierraPine Ltd, Medford Division				
Legal name of applicant		Business name of applicant if different		
PO Box 4040		Medford	OR	97501
Mailing address		City	State	Zip
541-773-2522		dlynch@sierrapine.com		541-779-4061
Phone	Mobile	E-mail		Fax

SierraPine Ltd, Medford Division				
Generator of solid waste (may be same as applicant)				
PO Box 4040		Medford	OR	97501
Mailing address		City	State	Zip
541-773-2522		dlynch@sierrapine.com		541-779-4061
Phone	Mobile	E-mail		Fax

B. TYPE OF BENEFICIAL USE DETERMINATION REQUESTED

Beneficial Use Determination applications are categorized based on the type of information and potential amount of work required by DEQ staff to review application materials and render a decision. A tiered review and fee system has been established in rule. The tiers are:

- Tier 1 For a beneficial use of a solid waste that does not contain hazardous substances significantly exceeding the concentration in a comparable raw material or commercial product and that will be used in a manufactured product;
- Tier 2 For a beneficial use of a solid waste that contains hazardous substances significantly exceeding the concentration in a comparable raw material or commercial product, or involves application on the land;
- Tier 3 For a beneficial use of a solid waste that requires research, such as a literature review or risk assessment, or for a demonstration project to demonstrate compliance with this rule.

I am applying for a ☐ Tier 1 ☒ Tier 2 ☐ Tier 3 determination.

C. DOES THIS PROPOSED BENEFICIAL USE INVOLVE LAND APPLICATION OF ANY MATERIAL?

☒ Yes ☐ No

D. SIGNATURE

I hereby certify by my signature below that the information contained in this application, and the documents I have attached, are true and correct to the best of my knowledge and belief.

Signature of legally authorized representative	Print name	Title	Date
W. J. Weber	Bill Weber	General Manager	10/6/2010

RECEIVED
OCT 12 2010
DEQ-SALEM OFFICE

FINAL 6/4/2010

copy of whole pkg. sent to: Bob Barrows, Bill Mason, Dave Esch, Bob Fuller

E. REQUIRED ATTACHMENTS TO THIS APPLICATION *(For an application to be complete, it must provide the required information for each listed item of the tier which is being applied for.)*

Tier 1

- ☐ A description of the material, manner of generation, and estimated quantity to be used each year;
- ☐ A description of the proposed use;
- ☐ A comparison of the chemical and physical characteristics of the material proposed for use with the material it will replace;
- ☐ A demonstration of compliance with the performance criteria in OAR 340-093-0280 based on knowledge of the process that generated the material, properties of the finished product, or testing; and
- ☐ Any other information that DEQ may require to evaluate the proposal.

Tier 2

- ☒ The information required for a Tier 1 application;
- ☒ Sampling and analysis that provides chemical, physical, and biological characterization of the material and that identifies potential contaminants in the material or the end product, as applicable;
- ☒ A risk screening comparing the concentration of hazardous substances in the material to existing, DEQ approved, risk-based screening level values, and demonstrating compliance with acceptable risk levels;
- ☒ Location or type of land use where the material will be applied, consistent with the risk scenarios used to evaluate risk;
- ☐ Contact information of property owner(s) if this is a site-specific land application proposal, including name, address, phone number, e-mail, site address and site coordinates (latitude and longitude); and
- ☒ A description of how the material will be managed to minimize potential adverse impacts to public health, safety, welfare, or the environment.

Tier 3

- ☐ The information required for a Tier 1 & 2 application;
- ☐ A discussion of the justification for the proposal;
- ☐ An estimate of the expected length of time that would be required to complete the project, if it is a demonstration; and
- ☐ If it is a demonstration project, the methods proposed to ensure safe and proper management of the material.

F. PERFORMANCE CRITERIA *(For all tiers - An application for a beneficial use determination must demonstrate satisfactory compliance with the following performance criteria.)*

The use is productive, including:

- There is an identified or reasonably likely use for the material that is not speculative;
- The use is a valuable part of a manufacturing process, an effective substitute for a valuable raw material or commercial product, or otherwise authorized by DEQ, and does not constitute disposal; and
- The use is in accordance with applicable engineering standards, commercial standards, and agricultural or horticultural practices.

The use will not create an adverse impact to public health, safety, welfare, or the environment, including:

- The material is not a hazardous waste under ORS 466.005;
- Until the time the material is used in accordance with a beneficial use determination, the material will be managed, including any storage, transportation, or processing, to prevent releases to the environment or nuisance conditions;
- Hazardous substances in the material do not significantly exceed the concentration in a comparable raw material or commercial product, or do not exceed naturally occurring background concentrations, or do

not exceed acceptable risk levels, including evaluation of persistence and potential bioaccumulation, when the material is managed according to a beneficial use determination.

The use will not result in the increase of a hazardous substance in a sensitive environment.

The use will not create objectionable odors, dust, unsightliness, fire, or other nuisance conditions.

The use will comply with all applicable federal, state, and local regulations.

G. FEES *(Must accompany the application for it to be considered complete)*

☐	Tier 1 beneficial use determination	$1,000
☒	Tier 2 beneficial use determination	$2,000
☐	Tier 3 beneficial use determination	$5,000

Make checks out to: **Oregon DEQ**

Total fees included: $ 2,000

H. APPLICATION PROCEDURE

Step 1
Contact a DEQ staff person for assistance with the preparation of the application. DEQ staff will help with: 1) Determination of the eligibility for a beneficial use determination of a particular waste or process; and, 2) If eligible, establish the tier of beneficial use determination review required and associated fee to submit with the application.

Step 2
Mail the original signed application, all attachments, including the fee payment plus one extra copy to the appropriate regional office (see listing below.) Note that DEQ review work will not begin until a complete application packet is received. Incomplete applications may be returned. DEQ recommends the applicant keep a full copy of all application materials to guard against possible loss in transit.

Step 3
DEQ will contact the applicant, acknowledging receipt of the application, and will identify the staff person assigned to carryout the review. This staff person will contact the applicant if any additional information is needed.

Region	Counties Served	Address & Phone
Eastern Region	Baker, Crook, Deschutes, Gilliam, Grant, Harney, Hood River, Jefferson, Klamath, Lake, Malheur, Morrow, Sherman, Umatilla, Union, Wallowa, Wasco, and Wheeler	Eastern Region Department of Environmental Quality 400 E Scenic Drive, Ste 2.307 The Dalles, OR 97058 (541) 298-7255 ext. 221
Northwest Region	Clatsop, Clackamas, Columbia, Multnomah, Tillamook, and Washington	Northwest Region DEQ Solid Waste Programs 2020 SW Fourth Ave. Ste 400 Portland, OR 97201 (503) 229-5353
Western Region	Benton, Coos, Curry, Douglas, Jackson, Josephine, Lane, Lincoln, Linn, Marion, Polk, and Yamhill	Western Region DEQ Solid Waste Programs 750 Front St. NE Suite 120 Salem, OR 97301 (503) 378-5047

Required Attachments To This Application:

Tier 2

Description of material, manner of generation, estimated quantity to be used each year:

The material is fine wood particles captured in air pollution control devices (wet scrubbers). The material is generated through mechanical refining of wood chips and wood shavings in the manufacturing process of Medium Density Fiberboard.
Estimated annual quantity: 6000 tons per year

Description of proposed use:

Animal stall bedding, ground cover for animal feeding. Composting feedstock. Soil amendment/mulch for nurseries and agricultural purposes.

A comparison of the chemical and physical characteristics of the material proposed for use with material it will replace:

The material would be used in place of wood chips and wood shavings. The material is smaller in size than chips and shavings and has been through our refiners and dryers. Our manufacturing process does include addition of wood binders and in a limited use in production a fire retardant that is ammonium polyphosphate (APP), which is a commercial fertilizer. Test data shows the material in not hazardous. See attached analytical data.

Demonstration of compliance with performance criteria in OAR 340-093-0280:

2(a) There is an identified use(s) that is not speculative: stall bedding, ground cover, compost feedstock, agricultural and nursery applications.

(b) Such uses are effective substitutes for a valuable raw material.

(c) The use is in accordance with agricultural practices.

3(a) The material is not hazardous (see analyticals).

(b) The material will be managed to prevent releases to the environment and nuisance conditions.

(c) N/A

(d) The use will not result in the increase of a hazardous substance in a sensitive environment – it isn't hazardous.

(e) The use will not create objectionable odors, unsightliness, fire or other nuisance conditions.

(f) The use complies with applicable federal, state and local regulations.

Sampling and analysis that provides chemical, physical, and biological characteristics of the material that identifies potential contaminates:

See attached analytical data.

A risk screening comparing the concentration of hazardous substances in the martial to existing DEQ approved risk-based screening levels:

The material is not hazardous.

Location or type of land use where material will be applied:

The material will be used in permitted compost facilities, at farming operations for animal bedding and for animal feeding areas to allow the animals a mud free site to feed and bed down. Nurseries as a soil amendment/mulch.

Contact information of property owners:

Locations and contact information and use will be obtained prior to any delivery of material. Material will only be delivered if the proposed site meets the requirements of permitted composting facility, nursery, or farming operation for animal bedding or feeding area ground cover. Site information will be retained at Sierra Pine's offices and will be made available to the DEQ or Department of Agriculture if/when requested.

Material management to minimize potential adverse impacts to public health, safety, or the environment:

The material will only be delivered to those locations who are using the material for animal bedding or animal feeding ground cover, permitted compost facilities, or nurseries.

NEILSON RESEARCH CORPORATION
Environmental Testing Laboratory

7/26/10

Dave Lynch
Medite: Division of Sierra Pine
2685 N. Pacific Highway
PO Box 4040
Medford, OR 97501

TEL: (541) 773-2522
FAX: (541) 779-4061

RE: 110 Chateau

Order No.: 1007287

Dear Dave Lynch:

Neilson Research Corporation received 6 sample(s) on 7/9/10 for the analyses presented in the following report.

The results relate only to the parameters tested or to the sample as received by the laboratory. This report shall not be reproduced except in full, without the written approval of Neilson Research Corporation. If you have any questions regarding these test results, please feel free to call.

Sincerely,
Neilson Research Corporation

Fay Fowler

Fay L. Fowler
Project Manager

pio/5440

RECEIVED
OCT 12 2010
DEQ-SALEM OFFICE

with BUD App. (Sierra Pine)

Neilson Research Corporation

245 South Grape Street, Medford, Oregon 97501 541-770-5678 Fax 541-770-2901

Analysis Report ORELAP 100016 EPA OR00028

CLIENT:	Medite: Division of Sierra Pine	**Date:** 26-Jul-10	
Project:	110 Chateau	**CASE NARRATIVE**	
Lab Order:	1007287		

The analyses were performed according to the guidelines in the Neilson Research Corporation Quality Assurance Program. This report contains analytical results for the sample(s) as received by the laboratory.

Neilson Research Corporation certifies that this report is in compliance with the requirements of NELAP. No unusual difficulties were experienced during analysis of this batch except as noted below or qualified with data flags on the reports.

Analytical Comments for METHOD CYANIDE_SL_RCRA, SAMPLE 1007287-02B: MSD out of control limits due to matrix interference.

Neilson Research Corporation

245 South Grape Street, Medford, Oregon 97501 541-770-5678 Fax 541-770-2901

Analysis Report ORELAP 100015 EPA OR00028

Medite: Division of Sierra Pine
2685 N. Pacific Highway
Medford, OR 97501
Client Sample ID: SP-1A
Sample Location: SP-1A - 2" NE Corner
Project: 110 Chateau

Lab Order: 1007287
NRC Sample ID 1007287-01
Collection Date: 7/9/10 2:25:00 AM
Received Date: 7/9/10 3:55:00 PM
Reported Date: 7/26/10 1:00:38 PM
Matrix: Solid

ANALYTICAL RESULTS

Analyses	NELAC Accredited	Result	Qual	MRL	Units	Dilution Factor	Date Analyzed
Trace Metals by EPA 6010B							*Analyst: BAR*
Boron	A	24.2		14.3	mg/Kg	1	7/14/10
Cyanide, Total by EPA9012B							*Analyst: JBS*
Cyanide		0.933		0.148	mg/Kg	1	7/23/10
Formaldehyde by Hantzsch							*Analyst: KHG*
Formaldehyde		ND		0.25	mg/Kg	1	7/13/10

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
MRL - Minimum Reporting Limit

1

Neilson Research Corporation

245 South Grape Street, Medford, Oregon 97501 541-770-5678 Fax 541-770-2901

Analysis Report ORELAP 100016 EPA OR00028

Medite: Division of Sierra Pine
2685 N. Pacific Highway
Medford, OR 97501
Client Sample ID: SP-2A
Sample Location: SP-2A - 12" SE Corner
Project: 110 Chateau

Lab Order: 1007287
NRC Sample ID 1007287-02
Collection Date: 7/9/10 2:30:00 PM
Received Date: 7/9/10 3:55:00 PM
Reported Date: 7/26/10 1:00:38 PM
Matrix: Solid

ANALYTICAL RESULTS

Analyses	NELAC Accredited	Result	Qual	MRL	Units	Dilution Factor	Date Analyzed
Trace Metals by EPA 6010B							*Analyst: BAR*
Boron	A	28.6		14.8	mg/Kg	1	7/14/10
Cyanide, Total by EPA9012B							*Analyst: JBS*
Cyanide		0.274	N	0.0296	mg/Kg	1	7/23/10
Formaldehyde by Hantzsch							*Analyst: KHG*
Formaldehyde		ND		0.25	mg/Kg	1	7/13/10

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
MRL - Minimum Reporting Limit

Neilson Research Corporation

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Analysis Report ORELAP 100016 EPA OR00028

Medite: Division of Sierra Pine
2685 N. Pacific Highway
Medford, OR 97501
Client Sample ID: SP-2B
Sample Location: SP-2B - 12" SE Corner
Project: 110 Chateau

Lab Order: 1007287
NRC Sample ID 1007287-03
Collection Date: 7/9/10 2:35:00 PM
Received Date: 7/9/10 3:55:00 PM
Reported Date: 7/26/10 1:00:38 PM
Matrix: Solid

ANALYTICAL RESULTS

Analyses	NELAC Accredited	Result	Qual	MRL	Units	Dilution Factor	Date Analyzed
Trace Metals by EPA 6010B							*Analyst: BAR*
Boron	A	ND		14.9	mg/Kg	1	7/14/10
Cyanide, Total by EPA9012B							*Analyst: JBS*
Cyanide		0.119		0.0299	mg/Kg	1	7/23/10
Formaldehyde by Hantzsch							*Analyst: KHG*
Formaldehyde		ND		0.25	mg/Kg	1	7/13/10

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
MRL - Minimum Reporting Limit

Neilson Research Corporation

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Analysis Report ORELAP 100016 EPA OR00028

Medite: Division of Sierra Pine
2685 N. Pacific Highway
Medford, OR 97501
Client Sample ID: **SP-2B**
Sample Location: **SP-2 - 12" SE Corner**
Project: **110 Chateau**

Lab Order: **1007287**
NRC Sample ID **1007287-03**
Collection Date: **7/9/10 2:35:00 PM**
Received Date: **7/9/10 3:55:00 PM**
Reported Date: **7/26/10 1:00:38 PM**
Matrix: **Solid**

ANALYTICAL RESULTS

Analyses	NELAC Accredited	Result	Qual	MRL	Units	Dilution Factor	Date Analyzed
Trace Metals by EPA 6010B							*Analyst: BAR*
Boron	A	ND		14.9	mg/Kg	1	7/14/10
Cyanide, Total by EPA9012B							*Analyst: JBS*
Cyanide		0.119		0.0299	mg/Kg	1	7/23/10
Formaldehyde by Hantzsch							*Analyst: KHG*
Formaldehyde		ND		0.25	mg/Kg	1	7/13/10

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
MRL - Minimum Reporting Limit

Neilson Research Corporation

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Analysis Report ORELAP 100016 EPA OR00028

Medite: Division of Sierra Pine
2685 N. Pacific Highway
Medford, OR 97501
Client Sample ID: SP-3A
Sample Location: SP-3A - 12" SW Corner
Project: 110 Chateau

Lab Order: 1007287
NRC Sample ID 1007287-04
Collection Date: 7/9/10 2:40:00 PM
Received Date: 7/9/10 3:55:00 PM
Reported Date: 7/26/10 1:00:38 PM
Matrix: Solid

ANALYTICAL RESULTS

Analyses	NELAC Accredited	Result	Qual	MRL	Units	Dilution Factor	Date Analyzed
Trace Metals by EPA 6010B							*Analyst: BAR*
Boron	A	ND		14.6	mg/Kg	1	7/14/10
Cyanide, Total by EPA9012B							*Analyst: JBS*
Cyanide		0.364		0.0293	mg/Kg	1	7/23/10
Formaldehyde by Hantzsch							*Analyst: KHG*
Formaldehyde		ND		0.25	mg/Kg	1	7/13/10

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
MRL - Minimum Reporting Limit

Neilson Research Corporation

245 South Grape Street, Medford, Oregon 97501 541-770-5678 Fax 541-770-2901

Analysis Report ORELAP 100016 EPA OR00026

Medite: Division of Sierra Pine
2685 N. Pacific Highway
Medford, OR 97501
Client Sample ID: SP-3B
Sample Location: SP-3B - 12" SW Corner
Project: 110 Chatean

Lab Order: 1007287
NRC Sample ID 1007287-05
Collection Date: 7/9/10 2:45:00 PM
Received Date: 7/9/10 3:55:00 PM
Reported Date: 7/26/10 1:00:38 PM
Matrix: Solid

ANALYTICAL RESULTS

Analyses	NELAC Accredited	Result	Qual	MRL	Units	Dilution Factor	Date Analyzed
Trace Metals by EPA 6010B							*Analyst: BAR*
Boron	A	ND		15.2	mg/Kg	1	7/14/10
Cyanide, Total by EPA9012B							*Analyst: JBS*
Cyanide		0.254		0.0298	mg/Kg	1	7/23/10
Formaldehyde by Hantzsch							*Analyst: KHG*
Formaldehyde		ND		0.25	mg/Kg	1	7/13/10

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
MRL - Minimum Reporting Limit

Neilson Research Corporation

245 South Grape Street, Medford, Oregon 97501 541-770-5678 Fax 541-770-2901

Analysis Report ORELAP 100016 EPA OR00028

Medite: Division of Sierra Pine
2685 N. Pacific Highway
Medford, OR 97501
Client Sample ID: SP-4A
Sample Location: SP-4A - 6" NW Background
Project: 110 Chateau

Lab Order: 1007287
NRC Sample ID 1007287-06
Collection Date: 7/9/10 2:50:00 PM
Received Date: 7/9/10 3:55:00 PM
Reported Date: 7/26/10 1:00:38 PM
Matrix: Solid

ANALYTICAL RESULTS

Analyses	NELAC Accredited	Result	Qual	MRL	Units	Dilution Factor	Date Analyzed
Trace Metals by EPA 6010B							*Analyst: BAR*
Boron	A	ND		14.9	mg/Kg	1	7/14/10
Cyanide, Total by EPA9012B							*Analyst: JBS*
Cyanide		0.0723		0.0297	mg/Kg	1	7/23/10
Formaldehyde by Hantzsch							*Analyst: KHG*
Formaldehyde		ND		0.25	mg/Kg	1	7/13/10

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
MRL - Minimum Reporting Limit

Neilson Research Corporation

DATA FLAGS

B	Analyte detected in the associated Method Blank.
C	Sample(s) does not meet NELAC/ORELAP sample acceptance criteria. See Case Narrative.
CU	Cleanup performed prior to analysis: either H_2SO_4/Silica Gel or Florosil.
D1	The diesel elution pattern for the sample is not typical.
D2	The sample appears to be a heavier hydrocarbon range than diesel.
D3	The sample appears to be a lighter hydrocarbon range than diesel.
D4	Detected hydrocarbons do not have pattern and range consistent with typical petroleum products and may be due to biogenic interference.
D5	Detected hydrocarbons in the diesel range appear to be weathered diesel.
E	Estimated value.
ER	Elevated reporting limit due to matrix.
G1	The gasoline elution pattern for the sample is not typical.
G2	The sample appears to be a heavier hydrocarbon range than gasoline.
G3	The sample appears to be a lighter hydrocarbon range than gasoline.
G4	Detected hydrocarbons in the gasoline range appear to be weathered gasoline.
HP	Sample re-analysis performed outside of method specified holding time.
HR	Sample received outside of method specified holding time.
HS	Sample analyzed for volatile organics contained headspace.
HT	At the client's request, the sample was analyzed outside of method specified holding time.
H	Analysis performed outside of method specified holding time.
J	Analyte detected below the Minimum Reporting Limit (MRL) and above the Method Detection Limit (MDL). The J flag result is an estimated value.
MI	Surrogate or Matrix Spike recovery is out of control limits due to matrix interference.
N	See Case Narrative.
NI	Some QA criteria may be outside control limits. Insufficient sample remains for reanalysis.
Q	Closing CCV or LCS exceeded high recovery limits, but associated samples are non-detect and the sample results are not affected. Data meets EPA/NELAC requirements.
R	RPD outside accepted recovery limits.
R1	Analyses are not controlled on RPD values from sample concentration less than 10 times the reporting limit.
R2	Analyses are not controlled on RPD values from sample concentration less than 5 times the reporting limit.
R3	The RPD and/or % recovery for the DUP or QC spike sample cannot be accurately calculated due to the high concentration of analyte already present in the sample.
R4	Duplicate analysis failed due to result being at or near method reporting limit.
RPD	Relative percent difference.

Reporting Limits: Report limits (MDLs, MRLs & PQLs) are adjusted based on variations in sample preparation amounts, analytical dilutions, and percent solids, where applicable.

S	Spike recovery outside accepted recovery limits.
S1	Surrogate or Matrix Spike recovery is outside of control limits due to dilution necessary for analysis.
SC	Sub-contracted to another laboratory for analysis.
TCLP	Toxicity Characteristic Leaching Procedure -- Sample submitted contained < 0.5% solids.
X1	The motor oil elution pattern for the sample is not typical.
X2	The sample appears to be a heavier hydrocarbon range than motor oil.
X3	The sample appears to be a lighter hydrocarbon range than motor oil.
*	Value exceeds Maximum Contaminant Level
#	Value exceeds regulatory level for TCLP contaminant.

Neilson Research Corporation

Date: 26-Jul-10

CLIENT: Medite: Division of Sierra Pine
Work Order: 1007287
Project: 110 Chateau

ANALYTICAL QC SUMMARY REPORT

TestCode: CYANIDE_SL_RCRA

Sample ID: MB-21186	SampType: MBLK	TestCode: CYANIDE_SL	Units: mg/Kg	Prep Date: 7/21/10	RunNo: 51670
Client ID: ZZZZZ	Batch ID: 21186	TestNo: EPA9012B	(SM 4500CN-	Analysis Date: 7/23/10	SeqNo: 771248

Analyte	Result	MRL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Cyanide	ND	0.0300									

Sample ID: LCS-21186	SampType: LCS	TestCode: CYANIDE_SL	Units: mg/Kg	Prep Date: 7/21/10	RunNo: 51670
Client ID: ZZZZZ	Batch ID: 21186	TestNo: EPA9012B	(SM 4500CN-	Analysis Date: 7/23/10	SeqNo: 771249

Analyte	Result	MRL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Cyanide	155.4	6.49	145	0	107	50	150				

Sample ID: 1007287-02BMS	SampType: MS	TestCode: CYANIDE_SL	Units: mg/Kg	Prep Date: 7/21/10	RunNo: 51670
Client ID: SP-2A	Batch ID: 21186	TestNo: EPA9012B	(SM 4500CN-	Analysis Date: 7/23/10	SeqNo: 771252

Analyte	Result	MRL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Cyanide	0.8062	0.0297	0.5943	0.274	89.6	70	130				

Sample ID: 1007287-02BMSD	SampType: MSD	TestCode: CYANIDE_SL	Units: mg/Kg	Prep Date: 7/21/10	RunNo: 51670
Client ID: SP-2A	Batch ID: 21186	TestNo: EPA9012B	(SM 4500CN-	Analysis Date: 7/23/10	SeqNo: 771253

Analyte	Result	MRL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Cyanide	0.6381	0.0297	0.5945	0.274	61.2	70	130	0.8062	23.3	25	MI

Qualifiers:

- E Value above quantitation range
- H Holding times for preparation or analysis exceeded
- J Analyte detected below quantitation limits
- ND Not Detected at the Minimum Reporting Limit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits

Neilson Research Corporation

Date: 26-Jul-10

CLIENT: Medite: Division of Sierra Pine
Work Order: 1007287
Project: 110 Chateau

ANALYTICAL QC SUMMARY REPORT

TestCode: FORMALD_S

Sample ID: MB-R51491	SampType: MBLK	TestCode: FORMALD_S	Units: mg/Kg	Prep Date:	RunNo: 51491
Client ID: ZZZZZ	Batch ID: R51491	TestNo: Hantzsch		Analysis Date: 7/13/10	SeqNo: 768819

Analyte	Result	MRL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Formaldehyde	ND	0.250									

Sample ID: LCS-R51491	SampType: LCS	TestCode: FORMALD_S	Units: mg/Kg	Prep Date:	RunNo: 51491
Client ID: ZZZZZ	Batch ID: R51491	TestNo: Hantzsch		Analysis Date: 7/13/10	SeqNo: 768820

Analyte	Result	MRL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Formaldehyde	3.810	0.250	4	0	95.2	70	130				

Sample ID: 1007287-06AMS	SampType: MS	TestCode: FORMALD_S	Units: mg/Kg	Prep Date:	RunNo: 51491
Client ID: SP-4A	Batch ID: R51491	TestNo: Hantzsch		Analysis Date: 7/13/10	SeqNo: 768827

Analyte	Result	MRL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Formaldehyde	4.795	0.250	5	0	95.9	70	130				

Sample ID: 1007287-06AMSD	SampType: MSD	TestCode: FORMALD_S	Units: mg/Kg	Prep Date:	RunNo: 51491
Client ID: SP-4A	Batch ID: R51491	TestNo: Hantzsch		Analysis Date: 7/13/10	SeqNo: 768828

Analyte	Result	MRL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Formaldehyde	4.764	0.250	5	0	95.3	70	130	4.795	0.649	10	

Qualifiers:

- E Value above quantitation range
- ND Not Detected at the Minimum Reporting Limit
- H Holding times for preparation or analysis exceeded
- R RPD outside accepted recovery limits
- J Analyte detected below quantitation limits
- S Spike Recovery outside accepted recovery limits

Neilson Research Corporation

Date: 26-Jul-10

CLIENT: Medite: Division of Sierra Pine
Work Order: 1007287
Project: 110 Chateau

ANALYTICAL QC SUMMARY REPORT

TestCode: ICP_6010_S

Sample ID: MB-21134	SampType: MBLK	TestCode: ICP_6010_S	Units: mg/Kg	Prep Date: 7/14/10	RunNo: 51540
Client ID: ZZZZZ	Batch ID: 21134	TestNo: EPA 6010B	(EPA 3050B)	Analysis Date: 7/14/10	SeqNo: 769364

Analyte	Result	MRL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Boron	ND	7.59									

Sample ID: LCS-21134	SampType: LCS	TestCode: ICP_6010_S	Units: mg/Kg	Prep Date: 7/14/10	RunNo: 51540
Client ID: ZZZZZ	Batch ID: 21134	TestNo: EPA 6010B	(EPA 3050B)	Analysis Date: 7/14/10	SeqNo: 769365

Analyte	Result	MRL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Boron	116.8	30.7	149	0	78.4	50	150				

Sample ID: 1007287-06BMS	SampType: MS	TestCode: ICP_6010_S	Units: mg/Kg	Prep Date: 7/14/10	RunNo: 51540
Client ID: SP-4A	Batch ID: 21134	TestNo: EPA 6010B	(EPA 3050B)	Analysis Date: 7/14/10	SeqNo: 769381

Analyte	Result	MRL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Boron	84.08	14.9	99.38	7.284	77.3	70	130				

Sample ID: 1007287-06BMSD	SampType: MSD	TestCode: ICP_6010_S	Units: mg/Kg	Prep Date: 7/14/10	RunNo: 51540
Client ID: SP-4A	Batch ID: 21134	TestNo: EPA 6010B	(EPA 3050B)	Analysis Date: 7/14/10	SeqNo: 769382

Analyte	Result	MRL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Boron	92.25	14.8	98.48	7.284	86.3	70	130	84.08	9.27	0	

Qualifiers:

- E Value above quantitation range
- ND Not Detected at the Minimum Reporting Limit
- H Holding times for preparation or analysis exceeded
- R RPD outside accepted recovery limits
- J Analyte detected below quantitation limits
- S Spike Recovery outside accepted recovery limits

NEILSON RESEARCH CORPORATION

245 S. GRAPE ST. * MEDFORD, OR 97501-3123 * (541) 770-5678 * FAX (541) 770-2901

Environmental Testing Laboratory ORELAP 100016

Chain of Custody Record

Date 7-9-10 Page 1 of 1

Attention: Dave Lynch

Results and Invoice to: Medite

Address: 2685 N. Pacific Hwy
Medford, OR 97501

Phone: 773-2522 Sampled By: Sean Neilson

Fax #: _____ P.O. #: _____

REPORTING REQUEST

Preliminary: Fax ☐ Verbal ☒

Final: Written ☐ Fax ☐

RUSH REQUEST: ☐ 24–48 hrs. (100% sur)

☐ 5 days (50% sur) ☒ Standard 10–14 days

☐ Other _____

PROJECT INFORMATION

Project Number: _____

Project Name: _____

Attention: _____

Address: 110 Chateau
Eagle Point, OR

Phone: _____

SPECIAL INSTRUCTIONS:

27.0°C/i

☐ 4°C

☐ EPA JARS/VIALS WITH TEFLON LIDS

☐

☐

FIELD BLANK INCLUDED: ☐ YES ☐ NO

1007287

LAB ID	SAMPLE ID	DATE	TIME	SOIL/WATER OTHER	NO. OF CONTAINERS	Formaldehyde	Boron	Cu	DEPTH	REMARKS/SAMPLE CONDITION
01	SP-1A	7-9-10	14:25	Soil	2	✓	✓	✓	2"	NE Corner - Chips
02	SP-2A	7-9-10	14:30		2	✓	✓	✓	12"	SE Corner Chips
03	SP-2B	7-9-10	14:35		2	✓	✓	✓	12"	SE Corner Chips
04	SP-3A	7-9-10	14:40		2	✓	✓	✓	12"	SW Corner Chips
05	SP-3B	7-9-10	14:45		2	✓	✓	✓	12"	SW Corner Chips
06	SP-4A	7-9-10	14:50	Soil	2	✓	✓	✓	6"	NW - Background

ANALYSIS REQUEST

RELINQUISHED BY (Sign and Print)	DATE/TIME	RECEIVED BY (Sign)	DATE/TIME
Sean Neilson	7-9-10 15:55		
		REC'D. BY (LABORATORY)	7/9/10 15:55

SAMPLE DISPOSAL

☐ NRC disposal of non-contaminated

☐ Return ☐ Pick up

CHAIN OF CUSTODY SEALS Y/N/NA

SHIPPED VIA: UPS Fed-Ex Bus (Hand)

Note: See Standard Terms & Conditions on reverse side of this form.

NEILSON RESEARCH CORPORATION

Environmental Testing Laboratory

3/18/10

Dave Lynch
Medite: Division of Sierra Pine
2685 N. Pacific Highway
PO Box 4040
Medford, OR 97501

TEL: (541) 773-2522
FAX: (541) 779-4061

RE: Frink Farm

Order No.: 1003203

Dear Dave Lynch:

Neilson Research Corporation received 19 sample(s) on 3/8/10 for the analyses presented in the following report.

The results relate only to the parameters tested or to the sample as received by the laboratory. This report shall not be reproduced except in full, without the written approval of Neilson Research Corporation. If you have any questions regarding these test results, please feel free to call.

Sincerely,
Neilson Research Corporation

Fay Fowler

Fay L. Fowler
Project Manager

proj 5440

RECEIVED
OCT 12 2010
DEQ-SALEM OFFICE

with BOD APP (Sierra Pine)

Neilson Research Corporation

245 South Grape Street, Medford, Oregon 97501 541-770-5678 Fax 541-770-2901

Analysis Report ORELAP 100016 EPA OR00028

CLIENT:	Medite: Division of Sierra Pine	**Date:** 18-Mar-10	
Project:	Frink Farm	**CASE NARRATIVE**	
Lab Order:	1003203		

The analyses were performed according to the guidelines in the Neilson Research Corporation Quality Assurance Program. This report contains analytical results for the sample(s) as received by the laboratory.

Neilson Research Corporation certifies that this report is in compliance with the requirements of NELAP. No unusual difficulties were experienced during analysis of this batch except as noted below or qualified with data flags on the reports.

Neilson Research Corporation

245 South Grape Street, Medford, Oregon 97501 541-770-5678 Fax 541-770-2901

Analysis Report

ORELAP 100016
EPA OR00028

Medite: Division of Sierra Pine
2685 N. Pacific Highway
Medford, OR 97501

Lab Order: **1003203**
Received Date: **3/8/10 3:42:00 PM**
Reported Date: **3/18/10 9:41:07 AM**

Sample Information: Frink Farm

Lab ID: 1003203-01

Collection Date: 3/5/10 1:30:00 PM
Matrix: SOLID

Client Sample ID: F1
Source: Wood Shavings
Sample Location: F1

Metals by EPA 6010B (ICP)

Analyses	Result	Qual	MRL	Units	Dilution Factor	*Analyst: BAR* Date Analyzed	NELAC Accredited
Boron	6.05		5.06	mg/Kg	1	3/15/10	A

Formaldehyde by Hantzsch Method

Analyses	Result	Qual	MRL	Units	Dilution Factor	*Analyst: CCS* Date Analyzed	NELAC Accredited
Formaldehyde	ND		0.7	mg/Kg	1	3/10/10	

Lab ID: 1003203-02

Collection Date: 3/5/10 1:30:00 PM
Matrix: SOLID

Client Sample ID: F2
Source: Wood Shavings
Sample Location: F2

Metals by EPA 6010B (ICP)

Analyses	Result	Qual	MRL	Units	Dilution Factor	*Analyst: BAR* Date Analyzed	NELAC Accredited
Boron	5.72		5.05	mg/Kg	1	3/15/10	A

Lab ID: 1003203-03

Collection Date: 3/5/10 1:30:00 PM
Matrix: SOLID

Client Sample ID: F3
Source: Wood Shavings
Sample Location: F3

Metals by EPA 6010B (ICP)

Analyses	Result	Qual	MRL	Units	Dilution Factor	*Analyst: BAR* Date Analyzed	NELAC Accredited
Boron	6.59		4.96	mg/Kg	1	3/15/10	A

Lab ID: 1003203-04

Collection Date: 3/5/10 1:30:00 PM
Matrix: SOLID

Client Sample ID: F5
Source: Wood Shavings
Sample Location: F5

Metals by EPA 6010B (ICP)

Analyses	Result	Qual	MRL	Units	Dilution Factor	*Analyst: BAR* Date Analyzed	NELAC Accredited
Boron	5.10		5.05	mg/Kg	1	3/15/10	A

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike Recovery outside accepted recovery limits
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Minimum Reporting Limit

Neilson Research Corporation

245 South Grape Street, Medford, Oregon 97501 541-770-5678 Fax 541-770-2901

Analysis Report

ORELAP 100016
EPA OR00028

Medite: Division of Sierra Pine
2685 N. Pacific Highway
Medford, OR 97501

Lab Order: **1003203**
Received Date: **3/8/10 3:42:00 PM**
Reported Date: **3/18/10 9:41:07 AM**

Sample Information: Frink Farm

Lab ID: 1003203-05

Collection Date: 3/5/10 1:30:00 PM
Matrix: SOLID

Client Sample ID: F6
Source: Wood Shavings
Sample Location: F6

Metals by EPA 6010B (ICP)

Analyses	Result	Qual	MRL	Units	Dilution Factor	*Analyst: BAR* Date Analyzed	NELAC Accredited
Boron	**ND**		5.01	mg/Kg	1	3/15/10	A

Formaldehyde by Hantzsch Method

Analyses	Result	Qual	MRL	Units	Dilution Factor	*Analyst: CCS* Date Analyzed	NELAC Accredited
Formaldehyde	**ND**		0.7	mg/Kg	1	3/10/10	

Lab ID: 1003203-06

Collection Date: 3/5/10 1:30:00 PM
Matrix: SOLID

Client Sample ID: F7
Source: Wood Shavings
Sample Location: F7

Metals by EPA 6010B (ICP)

Analyses	Result	Qual	MRL	Units	Dilution Factor	*Analyst: BAR* Date Analyzed	NELAC Accredited
Boron	**8.11**		5.04	mg/Kg	1	3/15/10	A

Lab ID: 1003203-07

Collection Date: 3/5/10 1:30:00 PM
Matrix: SOLID

Client Sample ID: F8
Source: Wood Shavings
Sample Location: F8

Metals by EPA 6010B (ICP)

Analyses	Result	Qual	MRL	Units	Dilution Factor	*Analyst: BAR* Date Analyzed	NELAC Accredited
Boron	**25.3**		5.05	mg/Kg	1	3/15/10	A

Lab ID: 1003203-08

Collection Date: 3/5/10 1:30:00 PM
Matrix: SOLID

Client Sample ID: F9
Source: Wood Shavings
Sample Location: F9

Metals by EPA 6010B (ICP)

Analyses	Result	Qual	MRL	Units	Dilution Factor	*Analyst: BAR* Date Analyzed	NELAC Accredited
Boron	**7.98**		4.97	mg/Kg	1	3/15/10	A

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Minimum Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Neilson Research Corporation

245 South Grape Street, Medford, Oregon 97501 541-770-5678 Fax 541-770-2901

Analysis Report ORELAP 100016 EPA OR00028

Medite: Division of Sierra Pine
2685 N. Pacific Highway
Medford, OR 97501

Lab Order: 1003203
Received Date: 3/8/10 3:42:00 PM
Reported Date: 3/18/10 9:41:07 AM

Sample Information: Frink Farm

Lab ID: 1003203-09

Collection Date: 3/5/10 1:30:00 PM
Matrix: SOLID

Client Sample ID: F10
Source Wood Shavings
Sample Location: F10

Metals by EPA 6010B (ICP)

Analyses	Result	Qual	MRL	Units	Dilution Factor	*Analyst: BAR* Date Analyzed	NELAC Accredited
Boron	5.15		5.07	mg/Kg	1	3/15/10	A

Formaldehyde by Hantzsch Method

Analyses	Result	Qual	MRL	Units	Dilution Factor	*Analyst: CCS* Date Analyzed	NELAC Accredited
Formaldehyde	0.825		0.7	mg/Kg	1	3/10/10	

Lab ID: 1003203-10

Collection Date: 3/5/10 1:30:00 PM
Matrix: SOLID

Client Sample ID: F11
Source Wood Shavings
Sample Location: F11

Metals by EPA 6010B (ICP)

Analyses	Result	Qual	MRL	Units	Dilution Factor	*Analyst: BAR* Date Analyzed	NELAC Accredited
Boron	6.50		5.03	mg/Kg	1	3/15/10	A

Lab ID: 1003203-11

Collection Date: 3/5/10 1:30:00 PM
Matrix: SOLID

Client Sample ID: F12
Source Wood Shavings
Sample Location: F12

Metals by EPA 6010B (ICP)

Analyses	Result	Qual	MRL	Units	Dilution Factor	*Analyst: BAR* Date Analyzed	NELAC Accredited
Boron	7.06		4.95	mg/Kg	1	3/15/10	A

Lab ID: 1003203-12

Collection Date: 3/5/10 1:30:00 PM
Matrix: SOLID

Client Sample ID: F13
Source Wood Shavings
Sample Location: F13

Metals by EPA 6010B (ICP)

Analyses	Result	Qual	MRL	Units	Dilution Factor	*Analyst: BAR* Date Analyzed	NELAC Accredited
Boron	ND		5.05	mg/Kg	1	3/15/10	A

Formaldehyde by Hantzsch Method

Analyses	Result	Qual	MRL	Units	Dilution Factor	*Analyst: CCS* Date Analyzed	NELAC Accredited
Formaldehyde	1.00		0.7	mg/Kg	1	3/10/10	

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Minimum Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Neilson Research Corporation

245 South Grape Street, Medford, Oregon 97501 541-770-5678 Fax 541-770-2901

Analysis Report

ORELAP 100016
EPA OR00028

Medite: Division of Sierra Pine
2685 N. Pacific Highway
Medford, OR 97501

Lab Order: **1003203**
Received Date: **3/8/10 3:42:00 PM**
Reported Date: **3/18/10 9:41:07 AM**

Sample Information: Frink Farm

Lab ID: 1003203-13

Collection Date: 3/5/10 1:30:00 PM
Matrix: SOLID

Client Sample ID: F14
Source: Wood Shavings
Sample Location: F14

Metals by EPA 6010B (ICP)

Analyses	Result	Qual	MRL	Units	Dilution Factor	*Analyst: BAR* Date Analyzed	NELAC Accredited
Boron	5.14		4.98	mg/Kg	1	3/15/10	A

Lab ID: 1003203-14

Collection Date: 3/5/10 1:30:00 PM
Matrix: SOLID

Client Sample ID: F15
Source: Wood Shavings
Sample Location: F15

Metals by EPA 6010B (ICP)

Analyses	Result	Qual	MRL	Units	Dilution Factor	*Analyst: BAR* Date Analyzed	NELAC Accredited
Boron	ND		4.97	mg/Kg	1	3/15/10	A

Lab ID: 1003203-15

Collection Date: 3/5/10 1:30:00 PM
Matrix: SOLID

Client Sample ID: F17
Source: Wood Shavings
Sample Location: F17

Metals by EPA 6010B (ICP)

Analyses	Result	Qual	MRL	Units	Dilution Factor	*Analyst: BAR* Date Analyzed	NELAC Accredited
Boron	ND		4.99	mg/Kg	1	3/15/10	A

Lab ID: 1003203-16

Collection Date: 3/5/10 1:30:00 PM
Matrix: SOLID

Client Sample ID: F18
Source: Wood Shavings
Sample Location: F18

Metals by EPA 6010B (ICP)

Analyses	Result	Qual	MRL	Units	Dilution Factor	*Analyst: BAR* Date Analyzed	NELAC Accredited
Boron	ND		5.07	mg/Kg	1	3/15/10	A

Formaldehyde by Hantzsch Method

Analyses	Result	Qual	MRL	Units	Dilution Factor	*Analyst: CCS* Date Analyzed	NELAC Accredited
Formaldehyde	ND		0.7	mg/Kg	1	3/10/10	

Lab ID: 1003203-17

Collection Date: 3/5/10 1:30:00 PM
Matrix: SOLID

Client Sample ID: F19
Source: Wood Shavings
Sample Location: F19

Metals by EPA 6010B (ICP)

Analyses	Result	Qual	MRL	Units	Dilution Factor	*Analyst: BAR* Date Analyzed	NELAC Accredited
Boron	ND		5.04	mg/Kg	1	3/15/10	A

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Minimum Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Neilson Research Corporation

245 South Grape Street, Medford, Oregon 97501 541-770-5678 Fax 541-770-2901

Analysis Report

ORELAP 100016
EPA OR00028

Medite: Division of Sierra Pine
2685 N. Pacific Highway
Medford, OR 97501

Lab Order: **1003203**
Received Date: **3/8/10 3:42:00 PM**
Reported Date: **3/18/10 9:41:07 AM**

Sample Information: Frink Farm

Lab ID: 1003203-18

Collection Date: 3/5/10 1:30:00 PM
Matrix: SOLID

Client Sample ID: F20
Source: Wood Shavings
Sample Location: F20

Metals by EPA 6010B (ICP)

Analyses	Result	Qual	MRL	Units	Dilution Factor	*Analyst: BAR* Date Analyzed	NELAC Accredited
Boron	ND		5.06	mg/Kg	1	3/15/10	A

Lab ID: 1003203-19

Collection Date: 3/5/10 1:30:00 PM
Matrix: SOLID

Client Sample ID: F21
Source: Wood Shavings
Sample Location: F21

Metals by EPA 6010B (ICP)

Analyses	Result	Qual	MRL	Units	Dilution Factor	*Analyst: BAR* Date Analyzed	NELAC Accredited
Boron	ND		5.02	mg/Kg	1	3/15/10	A

Formaldehyde by Hantzsch Method

Analyses	Result	Qual	MRL	Units	Dilution Factor	*Analyst: CCS* Date Analyzed	NELAC Accredited
Formaldehyde	ND		0.7	mg/Kg	1	3/10/10	

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Minimum Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Neilson Research Corporation

Date: 18-Mar-10

CLIENT: Medite: Division of Sierra Pine
Work Order: 1003203
Project: Frink Farm

ANALYTICAL QC SUMMARY REPORT

TestCode: FORMALD_S

Sample ID: MB-R49573	SampType: MBLK	TestCode: FORMALD_S	Units: mg/Kg	Prep Date:			RunNo: 49573			
Client ID: ZZZZZ	Batch ID: R49573	TestNo: Hantzsch		Analysis Date: 3/10/10			SeqNo: 737671			
Analyte	Result	MRL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Formaldehyde	ND	0.200									

Sample ID: LCS-R49573	SampType: LCS	TestCode: FORMALD_S	Units: mg/Kg	Prep Date:			RunNo: 49573			
Client ID: ZZZZZ	Batch ID: R49573	TestNo: Hantzsch		Analysis Date: 3/10/10			SeqNo: 737672			
Analyte	Result	MRL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Formaldehyde	4.299	0.200	4	0	107	70	130				

Sample ID: 1003203-19AMS	SampType: MS	TestCode: FORMALD_S	Units: mg/Kg	Prep Date:			RunNo: 49573			
Client ID: F21	Batch ID: R49573	TestNo: Hantzsch		Analysis Date: 3/10/10			SeqNo: 737679			
Analyte	Result	MRL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Formaldehyde	16.56	0.700	17.5	0	94.6	70	130				

Sample ID: 1003203-19AMSD	SampType: MSD	TestCode: FORMALD_S	Units: mg/Kg	Prep Date:			RunNo: 49573			
Client ID: F21	Batch ID: R49573	TestNo: Hantzsch		Analysis Date: 3/10/10			SeqNo: 737680			
Analyte	Result	MRL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Formaldehyde	16.12	0.700	17.5	0	92.1	70	130	16.56	2.69	10	

Qualifiers:

- E Value above quantitation range
- ND Not Detected at the Minimum Reporting Limit
- H Holding times for preparation or analysis exceeded
- R RPD outside accepted recovery limits
- J Analyte detected below quantitation limits
- S Spike Recovery outside accepted recovery limits

Neilson Research Corporation

Date: 18-Mar-10

CLIENT: Medite: Division of Sierra Pine
Work Order: 1003203
Project: Frink Farm

ANALYTICAL QC SUMMARY REPORT

TestCode: ICP_6010_S

Sample ID: MB-20251	SampType: MBLK	TestCode: ICP_6010_S	Units: mg/Kg	Prep Date: 3/10/10	RunNo: 49635
Client ID: ZZZZZ	Batch ID: 20251	TestNo: EPA 6010B	(EPA 3050B)	Analysis Date: 3/12/10	SeqNo: 738583

Analyte	Result	MRL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Boron	ND	2.49									

Sample ID: LCS-20251	SampType: LCS	TestCode: ICP_6010_S	Units: mg/Kg	Prep Date: 3/10/10	RunNo: 49635
Client ID: ZZZZZ	Batch ID: 20251	TestNo: EPA 6010B	(EPA 3050B)	Analysis Date: 3/12/10	SeqNo: 738586

Analyte	Result	MRL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Boron	160.9	10.1	149	0	108	50	150				

Sample ID: 1003203-01AMS	SampType: MS	TestCode: ICP_6010_S	Units: mg/Kg	Prep Date: 3/10/10	RunNo: 49635
Client ID: F1	Batch ID: 20251	TestNo: EPA 6010B	(EPA 3050B)	Analysis Date: 3/12/10	SeqNo: 738592

Analyte	Result	MRL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Boron	10590	101	10190	20.22	104	70	130				

Sample ID: 1003203-01AMSD	SampType: MSD	TestCode: ICP_6010_S	Units: mg/Kg	Prep Date: 3/10/10	RunNo: 49635
Client ID: F1	Batch ID: 20251	TestNo: EPA 6010B	(EPA 3050B)	Analysis Date: 3/12/10	SeqNo: 738593

Analyte	Result	MRL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Boron	10540	101	10210	20.22	103	70	130	10590	0.468	0	

Qualifiers:

- E Value above quantitation range
- ND Not Detected at the Minimum Reporting Limit
- H Holding times for preparation or analysis exceeded
- R RPD outside accepted recovery limits
- J Analyte detected below quantitation limits
- S Spike Recovery outside accepted recovery limits

NEILSON RESEARCH CORPORATION

245 S. GRAPE ST. * MEDFORD, OR 97501-3123 * (541) 770-5678 * FAX (541) 770-2901
Environmental Testing Laboratory ORELAP 100016

Chain of Custody Record

Date 3/8/10 Page 1 of 2

Attention: SierraPine
Results and Invoice to:
Address:
Phone: 773-2522 Sampled By: D Lynch
Fax #: P.O. #:

REPORTING REQUEST

Preliminary: Fax ☐ Verbal ☐
Final: Written ☐ Fax ☐

RUSH REQUEST: ☐ 24–48 hrs. (100% sur)
☐ 5 days (50% sur) ☐ Standard 10–14 days
☐ Other

PROJECT INFORMATION

Project Number: Frink Farm
Project Name:
Attention:
Address:
Phone:

SPECIAL INSTRUCTIONS:

☐ 4°C
☐ EPA JARS/VIALS WITH TEFLON LIDS
☐
☐
FIELD BLANK INCLUDED: ☐ YES ☐ NO

1003202

LAB ID	SAMPLE ID	DATE	TIME	SOIL/WATER OTHER	NO. OF CONTAINERS	B	Formaldehyde	DEPTH	REMARKS/SAMPLE CONDITION
01	F1	3/5/10	13:30	wood		X	X		
02	F2					X			
03	F3					X			
04	F5					X			
05	F6					X	X		
06	F7					X			
07	F8					X			
08	F9					X			
09	F10					X	X		
10	F11					X			

RELINQUISHED BY (Sign and Print)	DATE/TIME	RECEIVED BY (Sign)	DATE/TIME
David Lynch	3/8/10		
	15:42	REC'D. BY (LABORATORY)	3/8/10 15:42

SAMPLE DISPOSAL
☐ NRC disposal of non-contaminated
☐ Return ☐ Pick up

CHAIN OF CUSTODY SEALS Y/N/NA
SHIPPED VIA: UPS Fed-Ex Bus (Hand)

Note: See Standard Terms & Conditions on reverse side of this form.

NEILSON RESEARCH CORPORATION

245 S. GRAPE ST. * MEDFORD, OR 97501-3123 * (541) 770-5678 * FAX (541) 770-2901

Environmental Testing Laboratory ORELAP 100015

Chain of Custody Record

Date 3/8/10 Page 2 of 2

Attention: Sierraline

Results and Invoice to:

Address:

Phone: 773-2522 Sampled By:

Fax #: P.O. #:

REPORTING REQUEST

Preliminary: Fax ☐ Verbal ☐

Final: Written ☐ Fax ☐

RUSH REQUEST: ☐ 24–48 hrs. (100% sur)

☐ 5 days (50% sur) ☐ Standard 10–14 days

☐ Other

PROJECT INFORMATION

Project Number: Frank Farm

Project Name:

Attention:

Address:

Phone:

SPECIAL INSTRUCTIONS:

☐ 4°C

☐ EPA JARS/VIALS WITH TEFLON LIDS

☐

☐

FIELD BLANK INCLUDED: ☐ YES ☐ NO

1003202

LAB ID	SAMPLE ID	DATE	TIME	SOIL/WATER OTHER	NO. OF CONTAINERS	B	Formaldehyde	DEPTH	REMARKS/SAMPLE CONDITION
11	F12	3/5/10		Wood		X			
12	F13					X	X		
13	F14					X			
14	F15					X			
15	F17					X			
16	F18					X	X		
17	F19					X			
18	F20					X			
19	F21					X	X		

RELINQUISHED BY (Sign and Print)	DATE/TIME	RECEIVED BY (Sign)	DATE/TIME
Dave Lynch / Dave Lynch	3/8/10 15:42		
		REC'D. BY (LABORATORY)	3/8/10 15:42

SAMPLE DISPOSAL

☐ NRC disposal of non-contaminated

☐ Return ☐ Pick up

CHAIN OF CUSTODY SEALS Y/N/NA

SHIPPED VIA: UPS Fed-Ex Bus Hand

Note: See Standard Terms & Conditions on reverse side of this form.

NEILSON RESEARCH CORPORATION

August 30, 1999

Dave Lynch
Medite: Division of Sierra Pine
2685 N. Pacific Highway
PO Box 4040
Medford, OR 97501
TEL: (541) 773-2522
FAX

RE: Medite: Division of Sierra Pine Order No.: 9908506

Dear Dave Lynch,

Neilson Research Corporation received 2 samples on 8/20/99 12:10:06 PM for the analyses presented in the following report.

The analytical methods and all associated quality control data met EPA or laboratory specifications.

Reproduction of this report is permitted only in its entirety. If you have any questions regarding these test results, please feel free to call.

Sincerely,
Neilson Research Corporation

Fay Fowler

Fay L. Fowler
Project Manager

CC:

proj 5440

with BMD App (Sierra Pine)

NEILSON RESEARCH CORPORATION

Analysis Report

CLIENT: Medite: Division of Sierra Pine
Lab Order: 9908506
Date Received: 8/20/99
Project: Medite: Division of Sierra Pine

Work Order Sample Summary

Date: 30-Aug-99

NRC Sample I	Client Sample ID	Sample Location	Source	Sample Matrix	Collection Date
9908506-01A	Scrubber Mud	Scrubber Mud	Scrubber Mud	Solid	8/20/99 8:39:00 AM
9908506-02A	Reject Fiber	Reject Fiber	Reject Fiber	Solid	8/20/99 8:34:00 AM

Analytical Consulting Laboratory
245 S. GRAPE ST. Δ MEDFORD, OR 97501-3123 Δ (541) 770-5678 Δ FAX (541) 770-2901

NEILSON RESEARCH CORPORATION

Analysis Report

Medite: Division of Sierra Pine

Lab Order: 9908506
NRC Sample ID 9908506-01A
Collection Date: 8/20/99 8:39:00 AM
Received Date:
Reported Date: 8/30/99 12:42:31 PM
Matrix: Solid

Client Sample ID: Scrubber Mud
Sample Location::
Project: Medite: Division of Sierra Pine

ANALYTICAL RESULTS

Analyte	Result	Reporting Limit	Qual	Units	Dilution Factor	Date Analyze
Volatile Organics by EPA 8260B						*Analyst: TAD*
Acetone	ND	0.31		mg/Kg	1	8/25/99
Benzene	ND	0.078		mg/Kg	1	8/25/99
Bromobenzene	ND	0.078		mg/Kg	1	8/25/99
Bromochloromethane	ND	0.078		mg/Kg	1	8/25/99
Bromodichloromethane	ND	0.078		mg/Kg	1	8/25/99
Bromoform	ND	0.078		mg/Kg	1	8/25/99
Bromomethane	ND	0.078		mg/Kg	1	8/25/99
2-Butanone (MEK)	ND	0.31		mg/Kg	1	8/25/99
tert-Butylbenzene	ND	0.078		mg/Kg	1	8/25/99
sec-Butylbenzene	ND	0.078		mg/Kg	1	8/25/99
n-Butylbenzene	ND	0.078		mg/Kg	1	8/25/99
Carbon disulfide	ND	0.078		mg/Kg	1	8/25/99
Carbon tetrachloride	ND	0.078		mg/Kg	1	8/25/99
Chlorobenzene	ND	0.078		mg/Kg	1	8/25/99
Chloroethane	ND	0.078		mg/Kg	1	8/25/99
Chloroform	ND	0.078		mg/Kg	1	8/25/99
Chloromethane	ND	0.078		mg/Kg	1	8/25/99
2-Chlorotoluene	ND	0.078		mg/Kg	1	8/25/99
4-Chlorotoluene	ND	0.078		mg/Kg	1	8/25/99
1,2-Dibromo-3-chloropropane	ND	0.078		mg/Kg	1	8/25/99
Dibromochloromethane	ND	0.078		mg/Kg	1	8/25/99
1,2-Dibromoethane (EDB)	ND	0.078		mg/Kg	1	8/25/99
Dibromomethane	ND	0.078		mg/Kg	1	8/25/99
1,2-Dichlorobenzene	ND	0.078		mg/Kg	1	8/25/99
1,3-Dichlorobenzene	ND	0.078		mg/Kg	1	8/25/99
1,4-Dichlorobenzene	ND	0.078		mg/Kg	1	8/25/99
Dichlorodifluoromethane (Freon 12)	ND	0.078		mg/Kg	1	8/25/99
1,1-Dichloroethane (1,1-DCA)	ND	0.078		mg/Kg	1	8/25/99
1,2-Dichloroethane (EDC)	ND	0.078		mg/Kg	1	8/25/99
1,1-Dichloroethene (1,1-DCE)	ND	0.078		mg/Kg	1	8/25/99
cis-1,2-Dichloroethene	ND	0.078		mg/Kg	1	8/25/99
trans-1,2-Dichloroethylene	ND	0.078		mg/Kg	1	8/25/99
2,2-Dichloropropane	ND	0.078		mg/Kg	1	8/25/99

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

Medite: Division of Sierra Pine

Client Sample ID: Scrubber Mud
Sample Location::
Project: Medite: Division of Sierra Pine

Lab Order: 9908506
NRC Sample ID 9908506-01A
Collection Date: 8/20/99 8:39:00 AM
Received Date:
Reported Date: 8/30/99 12:42:32 PM
Matrix: Solid

ANALYTICAL RESULTS

Analyte	Result	Reporting Limit	Qual	Units	Dilution Factor	Date Analyze
1,2-Dichloropropane	ND	0.078		mg/Kg	1	8/25/99
1,3-Dichloropropane	ND	0.078		mg/Kg	1	8/25/99
1,1-Dichloropropene	ND	0.078		mg/Kg	1	8/25/99
cis-1,3-Dichloropropene	ND	0.078		mg/Kg	1	8/25/99
trans-1,3-Dichloropropene	ND	0.078		mg/Kg	1	8/25/99
Ethylbenzene	ND	0.078		mg/Kg	1	8/25/99
Hexachlorobutadiene	ND	0.078		mg/Kg	1	8/25/99
2-Hexanone	ND	0.31		mg/Kg	1	8/25/99
Isopropylbenzene	ND	0.078		mg/Kg	1	8/25/99
4-Isopropyltoluene	ND	0.078		mg/Kg	1	8/25/99
4-Methyl-2-pentanone	ND	0.31		mg/Kg	1	8/25/99
Methyl tert-butyl ether	ND	0.078		mg/Kg	1	8/25/99
Methylene chloride	ND	0.31		mg/Kg	1	8/25/99
Naphthalene	ND	0.078		mg/Kg	1	8/25/99
n-Propylbenzene	ND	0.078		mg/Kg	1	8/25/99
Styrene	ND	0.078		mg/Kg	1	8/25/99
1,1,1,2-Tetrachloroethane	ND	0.078		mg/Kg	1	8/25/99
1,1,2,2-Tetrachloroethane	ND	0.078		mg/Kg	1	8/25/99
Tetrachloroethene (PCE)	ND	0.078		mg/Kg	1	8/25/99
Toluene	ND	0.078		mg/Kg	1	8/25/99
1,2,3-Trichlorobenzene	ND	0.078		mg/Kg	1	8/25/99
1,2,4-Trichlorobenzene	ND	0.078		mg/Kg	1	8/25/99
1,1,1-Trichloroethane (1,1,1-TCA)	ND	0.078		mg/Kg	1	8/25/99
1,1,2-Trichloroethane	ND	0.078		mg/Kg	1	8/25/99
Trichloroethene (TCE)	ND	0.078		mg/Kg	1	8/25/99
Trichlorofluoromethane (Freon 11)	ND	0.078		mg/Kg	1	8/25/99
1,2,3-Trichloropropane	ND	0.078		mg/Kg	1	8/25/99
1,2,4-Trimethylbenzene	ND	0.078		mg/Kg	1	8/25/99
1,3,5-Trimethylbenzene	ND	0.078		mg/Kg	1	8/25/99
Vinyl chloride	ND	0.078		mg/Kg	1	8/25/99
Xylenes, Total	ND	0.078		mg/Kg	1	8/25/99
Surr: Dibromofluoromethane	96.9	74-120		%REC	1	8/25/99
Surr: Toluene-d8	96.1	81-117		%REC	1	8/25/99
Surr: 4-Bromofluorobenzene	90.6	80-120		%REC	1	8/25/99

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

Analytical Consulting Laboratory
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Medite: Division of Sierra Pine

Client Sample ID: Scrubber Mud
Sample Location::
Project: Medite: Division of Sierra Pine

Lab Order: 9908506
NRC Sample ID 9908506-01A
Collection Date: 8/20/99 8:39:00 AM
Received Date:
Reported Date: 8/30/99 12:42:32 PM
Matrix: Solid

ANALYTICAL RESULTS

Analyte	Result	Reporting Limit	Qual	Units	Dilution Factor	Date Analyze
Formaldehyde by Hantzsch						*Analyst: JKT*
Formaldehyde	1.91	0.2		mg/Kg	2	8/23/99
Trace Metals by EPA 7470A						*Analyst: WCB*
Mercury	0.0300	0.02		mg/Kg	1	8/24/99
Trace Metals by EPA 6010B						*Analyst: WCB*
Arsenic	ND	0.2		mg/Kg	1	8/24/99
Barium	2.88	0.1		mg/Kg	1	8/24/99
Cadmium	ND	0.05		mg/Kg	1	8/24/99
Chromium	0.300	0.05		mg/Kg	1	8/24/99
Lead	ND	0.01		mg/Kg	1	8/24/99
Selenium	ND	1		mg/Kg	1	8/24/99
Silver	ND	0.05		mg/Kg	1	8/24/99
pH in Soil by EPA 9045C						*Analyst: JKT*
pH	5.00	0.1		pH Units	1	8/23/99

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

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NEILSON RESEARCH CORPORATION

Analysis Report

Medite: Division of Sierra Pine

Client Sample ID: Reject Fiber
Sample Location::
Project: Medite: Division of Sierra Pine

Lab Order: 9908506
NRC Sample ID 9908506-02A
Collection Date: 8/20/99 8:34:00 AM
Received Date:
Reported Date: 8/30/99 12:42:32 PM
Matrix: Solid

ANALYTICAL RESULTS

Analyte	Result	Reporting Limit	Qual	Units	Dilution Factor	Date Analyze
Volatile Organics by EPA 8260B						*Analyst: TAD*
Acetone	ND	1.9		mg/Kg	1	8/25/99
Benzene	ND	0.47		mg/Kg	1	8/25/99
Bromobenzene	ND	0.47		mg/Kg	1	8/25/99
Bromochloromethane	ND	0.47		mg/Kg	1	8/25/99
Bromodichloromethane	ND	0.47		mg/Kg	1	8/25/99
Bromoform	ND	0.47		mg/Kg	1	8/25/99
Bromomethane	ND	0.47		mg/Kg	1	8/25/99
2-Butanone (MEK)	ND	1.9		mg/Kg	1	8/25/99
tert-Butylbenzene	ND	0.47		mg/Kg	1	8/25/99
sec-Butylbenzene	ND	0.47		mg/Kg	1	8/25/99
n-Butylbenzene	ND	0.47		mg/Kg	1	8/25/99
Carbon disulfide	ND	0.47		mg/Kg	1	8/25/99
Carbon tetrachloride	ND	0.47		mg/Kg	1	8/25/99
Chlorobenzene	ND	0.47		mg/Kg	1	8/25/99
Chloroethane	ND	0.47		mg/Kg	1	8/25/99
Chloroform	ND	0.47		mg/Kg	1	8/25/99
Chloromethane	ND	0.47		mg/Kg	1	8/25/99
2-Chlorotoluene	ND	0.47		mg/Kg	1	8/25/99
4-Chlorotoluene	ND	0.47		mg/Kg	1	8/25/99
1,2-Dibromo-3-chloropropane	ND	0.47		mg/Kg	1	8/25/99
Dibromochloromethane	ND	0.47		mg/Kg	1	8/25/99
1,2-Dibromoethane (EDB)	ND	0.47		mg/Kg	1	8/25/99
Dibromomethane	ND	0.47		mg/Kg	1	8/25/99
1,2-Dichlorobenzene	ND	0.47		mg/Kg	1	8/25/99
1,3-Dichlorobenzene	ND	0.47		mg/Kg	1	8/25/99
1,4-Dichlorobenzene	ND	0.47		mg/Kg	1	8/25/99
Dichlorodifluoromethane (Freon 12)	ND	0.47		mg/Kg	1	8/25/99
1,1-Dichloroethane (1,1-DCA)	ND	0.47		mg/Kg	1	8/25/99
1,2-Dichloroethane (EDC)	ND	0.47		mg/Kg	1	8/25/99
1,1-Dichloroethene (1,1-DCE)	ND	0.47		mg/Kg	1	8/25/99
cis-1,2-Dichloroethene	ND	0.47		mg/Kg	1	8/25/99
trans-1,2-Dichloroethylene	ND	0.47		mg/Kg	1	8/25/99
2,2-Dichloropropane	ND	0.47		mg/Kg	1	8/25/99

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

Analytical Consulting Laboratory
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Medite: Division of Sierra Pine

Client Sample ID: Reject Fiber
Sample Location::
Project: Medite: Division of Sierra Pine

Lab Order: 9908506
NRC Sample ID 9908506-02A
Collection Date: 8/20/99 8:34:00 AM
Received Date:
Reported Date: 8/30/99 12:42:32 PM
Matrix: Solid

ANALYTICAL RESULTS

Analyte	Result	Reporting Limit	Qual	Units	Dilution Factor	Date Analyze
1,2-Dichloropropane	ND	0.47		mg/Kg	1	8/25/99
1,3-Dichloropropane	ND	0.47		mg/Kg	1	8/25/99
1,1-Dichloropropene	ND	0.47		mg/Kg	1	8/25/99
cis-1,3-Dichloropropene	ND	0.47		mg/Kg	1	8/25/99
trans-1,3-Dichloropropene	ND	0.47		mg/Kg	1	8/25/99
Ethylbenzene	ND	0.47		mg/Kg	1	8/25/99
Hexachlorobutadiene	ND	0.47		mg/Kg	1	8/25/99
2-Hexanone	ND	1.9		mg/Kg	1	8/25/99
Isopropylbenzene	ND	0.47		mg/Kg	1	8/25/99
4-Isopropyltoluene	ND	0.47		mg/Kg	1	8/25/99
4-Methyl-2-pentanone	ND	1.9		mg/Kg	1	8/25/99
Methyl tert-butyl ether	ND	0.47		mg/Kg	1	8/25/99
Methylene chloride	ND	1.9		mg/Kg	1	8/25/99
Naphthalene	ND	0.47		mg/Kg	1	8/25/99
n-Propylbenzene	ND	0.47		mg/Kg	1	8/25/99
Styrene	ND	0.47		mg/Kg	1	8/25/99
1,1,1,2-Tetrachloroethane	ND	0.47		mg/Kg	1	8/25/99
1,1,2,2-Tetrachloroethane	ND	0.47		mg/Kg	1	8/25/99
Tetrachloroethene (PCE)	ND	0.47		mg/Kg	1	8/25/99
Toluene	ND	0.47		mg/Kg	1	8/25/99
1,2,3-Trichlorobenzene	ND	0.47		mg/Kg	1	8/25/99
1,2,4-Trichlorobenzene	ND	0.47		mg/Kg	1	8/25/99
1,1,1-Trichloroethane (1,1,1-TCA)	ND	0.47		mg/Kg	1	8/25/99
1,1,2-Trichloroethane	ND	0.47		mg/Kg	1	8/25/99
Trichloroethene (TCE)	ND	0.47		mg/Kg	1	8/25/99
Trichlorofluoromethane (Freon 11)	ND	0.47		mg/Kg	1	8/25/99
1,2,3-Trichloropropane	ND	0.47		mg/Kg	1	8/25/99
1,2,4-Trimethylbenzene	ND	0.47		mg/Kg	1	8/25/99
1,3,5-Trimethylbenzene	ND	0.47		mg/Kg	1	8/25/99
Vinyl chloride	ND	0.47		mg/Kg	1	8/25/99
Xylenes, Total	ND	0.47		mg/Kg	1	8/25/99
Surr: Dibromofluoromethane	103.6	74-120		%REC	1	8/26/99
Surr: Toluene-d8	100.4	81-117		%REC	1	8/26/99
Surr: 4-Bromofluorobenzene	97.3	80-120		%REC	1	8/25/99

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

Analytical Consulting Laboratory
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Medite: Division of Sierra Pine

Client Sample ID: Reject Fiber
Sample Location::
Project: Medite: Division of Sierra Pine

Lab Order: 9908506
NRC Sample ID 9908506-02A
Collection Date: 8/20/99 8:34:00 AM
Received Date:
Reported Date: 8/30/99 12:42:32 PM
Matrix: Solid

ANALYTICAL RESULTS

Analyte	Result	Reporting Limit	Qual	Units	Dilution Factor	Date Analyze
Formaldehyde by Hantzsch						*Analyst: JKT*
Formaldehyde	11.0	10		mg/Kg	100	8/23/99
Trace Metals by EPA 7470A						*Analyst: WCB*
Mercury	0.0200	0.02		mg/Kg	1	8/24/99
Trace Metals by EPA 6010B						*Analyst: WCB*
Arsenic	ND	0.2		mg/Kg	1	8/24/99
Barium	7.20	0.1		mg/Kg	1	8/24/99
Cadmium	ND	0.05		mg/Kg	1	8/24/99
Chromium	0.810	0.05		mg/Kg	1	8/24/99
Lead	ND	0.01		mg/Kg	1	8/24/99
Selenium	ND	1		mg/Kg	1	8/24/99
Silver	ND	0.05		mg/Kg	1	8/24/99
pH In Soil by EPA 9045C						*Analyst: JKT*
pH	5.50	0.1		pH Units	1	8/23/99

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level.
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

Analytical Consulting Laboratory
245 S. GRAPE ST. Δ MEDFORD, OR 97501-3123 Δ (541) 770-5678 Δ FAX (541) 770-2901

Neilson Research Corporation

Date: *30-Aug-99*

CLIENT: Medite: Division of Sierra Pine
Work Order: 9908506
Project: Medite: Division of Sierra Pine

QC SUMMARY REPORT

Method Blank

Sample ID **MB-486** Batch ID: **486** Test Code: **EPA 8260B** Units: **mg/Kg** Analysis Date **8/25/99 9:39:00 PM** Prep Date **8/23/99**

Client ID: Run ID: **VMS1_990825B** SeqNo: **32512**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acetone	ND	0.2									
1,1,1,2-Tetrachloroethane	ND	0.05									
2,2-Dichloropropane	ND	0.05									
2-Butanone (MEK)	ND	0.2									
2-Chlorotoluene	ND	0.05									
2-Hexanone	ND	0.2									
4-Chlorotoluene	ND	0.05									
1,3-Dichloropropane	ND	0.05									
4-Methyl-2-pentanone	ND	0.2									
1,3-Dichlorobenzene	ND	0.05									
Benzene	ND	0.05									
Bromobenzene	ND	0.05									
Bromochloromethane	ND	0.05									
Bromodichloromethane	ND	0.05									
Bromoform	ND	0.05									
Bromomethane	ND	0.05									
Carbon disulfide	ND	0.05									
4-Isopropyltoluene	ND	0.05									
1,2,4-Trichlorobenzene	ND	0.05									
1,1,1-Trichloroethane (1,1,1-TCA)	ND	0.05									
1,1,2,2-Tetrachloroethane	ND	0.05									
1,1,2-Trichloroethane	ND	0.05									
1,1-Dichloroethane (1,1-DCA)	ND	0.05									
1,1-Dichloroethene (1,1-DCE)	ND	0.05									
1,1-Dichloropropene	ND	0.05									
1,4-Dichlorobenzene	ND	0.05									
1,2,3-Trichloropropane	ND	0.05									

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

CLIENT: Medite: Division of Sierra Pine
Work Order: 9908506
Project: Medite: Division of Sierra Pine

QC SUMMARY REPORT
Method Blank

Chloroethane	ND	0.05						
1,2,4-Trimethylbenzene	ND	0.05						
1,2-Dibromo-3-chloropropane	ND	0.05						
1,2-Dibromoethane (EDB)	ND	0.05						
1,2-Dichlorobenzene	ND	0.05						
1,2-Dichloroethane (EDC)	ND	0.05						
1,2-Dichloropropane	ND	0.05						
1,3,5-Trimethylbenzene	ND	0.05						
1,2,3-Trichlorobenzene	ND	0.05						
1,4-Dichlorobenzene-d4	1	0						
Tetrachloroethene (PCE)	ND	0.05						
Toluene	ND	0.05						
trans-1,2-Dichloroethylene	ND	0.05						
trans-1,3-Dichloropropene	ND	0.05						
Trichloroethene (TCE)	ND	0.05						
Trichlorofluoromethane (Freon 11)	ND	0.05						
Carbon tetrachloride	ND	0.05						
Xylenes, Total	ND	0.05						
sec-Butylbenzene	ND	0.05						
1,4-Difluorobenzene	1	0						
Chlorobenzene-d5	1	0						
Pentafluorobenzene	1	0						
o-Xylene	ND	0.05						
p&m Xylene	ND	0.05						
4-Bromofluorobenzene	0.994	0	1	0	99.4	80	120	0
Dibromofluoromethane	0.987	0	1	0	98.7	74	120	0
Vinyl chloride	ND	0.05						
Hexachlorobutadiene	ND	0.05						
Toluene-d8	1.016	0	1	0	102	81	117	0
Chloroform	ND	0.05						
Chloromethane	ND	0.05						
cis-1,2-Dichloroethene	ND	0.05						
cis-1,3-Dichloropropene	ND	0.05						

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:	Medite: Division of Sierra Pine
Work Order:	9908506
Project:	Medite: Division of Sierra Pine

QC SUMMARY REPORT

Method Blank

Dibromochloromethane	ND	0.05
Dibromomethane	ND	0.05
tert-Butylbenzene	ND	0.05
Ethylbenzene	ND	0.05
Styrene	ND	0.05
Isopropylbenzene	ND	0.05
Methyl tert-butyl ether	ND	0.05
Methylene chloride	ND	0.2
n-Butylbenzene	ND	0.05
n-Propylbenzene	ND	0.05
Naphthalene	ND	0.05
Chlorobenzene	ND	0.05
Dichlorodifluoromethane (Freon 12)	ND	0.05

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

J - Analyte detected below quantitation limits; R - RPD outside accepted recovery limits

CLIENT: Medite: Division of Sierra Pine
Work Order: 9908506
Project: Medite: Division of Sierra Pine

QC SUMMARY REPORT
Method Blank

Sample ID **MBLK** Batch ID: **FORMALD_S-8/23/99A** Test Code: **Hantzsch** Units: **mg/Kg** Analysis Date **8/23/99** Prep Date **8/23/99**

Client ID: Run ID: **SPEC_990823A** SeqNo: **32013**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Formaldehyde	ND	0.1									

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: Medite: Division of Sierra Pine
Work Order: 9908506
Project: Medite: Division of Sierra Pine

QC SUMMARY REPORT
Method Blank

Sample ID MB-487 Batch ID: 487 Test Code: EPA 7470A Units: mg/Kg Analysis Date 8/24/99 Prep Date 8/23/99
Client ID: Run ID: FAA_990824A SeqNo: 32263

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	ND	0.02									

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: Medite: Division of Sierra Pine
Work Order: 9908506
Project: Medite: Division of Sierra Pine

QC SUMMARY REPORT
Method Blank

Sample ID MB-498 Batch ID: 498 Test Code: EPA 6010B Units: mg/Kg Analysis Date 8/24/99 Prep Date 8/24/99
Client ID: Run ID: ICP_990824A SeqNo: 32366

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Silver	ND	0.05									
Selenium	ND	1									
Lead	ND	0.01									
Chromium	ND	0.05									
Cadmium	ND	0.05									
Barium	ND	0.1									
Arsenic	ND	0.2									

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

CLIENT: Medite: Division of Sierra Pine
Work Order: 9908506
Project: Medite: Division of Sierra Pine

QC SUMMARY REPORT

Sample Matrix Spike

Sample ID 9908506-02AMS Batch ID: 486 Test Code: EPA 8260B Units: mg/Kg Analysis Date 8/25/99 11:36:00 PM Prep Date 8/23/99
Client ID: Reject Fiber Run ID: VMS1_990825B SeqNo: 32509

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Toluene-d8	59.53	0	58.75	0	101	81	117	0			
Dibromofluoromethane	63.66	0	65	0	97.9	74	120	0			
4-Bromofluorobenzene	59.42	0	58.75	0	101	80	120	0			
Trichloroethene (TCE)	120.9	0.47	117.5	0	103	80	120	0			
Toluene	120	0.47	117.5	0	102	80	120	0			
Chlorobenzene	115.3	0.47	117.5	0	98.1	80	120	0			
Benzene	121.9	0.47	117.5	0	104	80	120	0			
1,1-Dichloroethene (1,1-DCE)	122.8	0.47	117.5	0	105	80	120	0			

Sample ID 9908506-02AMSD Batch ID: 486 Test Code: EPA 8260B Units: mg/Kg Analysis Date 8/26/99 12:16:00 AM Prep Date 8/23/99
Client ID: Reject Fiber Run ID: VMS1_990825B SeqNo: 32519

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Toluene-d8	59.91	0	58.75	0	102	81	117	59.53	0	0	
Dibromofluoromethane	65.91	0	65	0	101	74	120	63.66	0	0	
4-Bromofluorobenzene	59.81	0	58.75	0	102	80	120	59.42	0	0	
Trichloroethene (TCE)	122.1	0.47	117.5	0	104	80	120	120.9	0.964	25	
Toluene	122.3	0.47	117.5	0	104	80	120	120	1.93	25	
Chlorobenzene	115.5	0.47	117.5	0	98.3	80	120	115.3	0.162	25	
Benzene	121.8	0.47	117.5	0	104	80	120	121.9	0.077	25	
1,1-Dichloroethene (1,1-DCE)	122.8	0.47	117.5	0	105	80	120	122.8	0	25	

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

CLIENT: Medite: Division of Sierra Pine
Work Order: 9908506
Project: Medite: Division of Sierra Pine

QC SUMMARY REPORT
Sample Matrix Spike

Sample ID 9908506-02AMS Batch ID: FORMALD_S-8/23/99A Test Code: Hantzsch Units: mg/Kg Analysis Date 8/23/99 Prep Date 8/23/99
Client ID: Reject Fiber Run ID: SPEC_990823A SeqNo: 32017

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Formaldehyde	43.9	10	30	11	110	70	130	0			

Sample ID 9908506-02AMSD Batch ID: FORMALD_S-8/23/99A Test Code: Hantzsch Units: mg/Kg Analysis Date 8/23/99 Prep Date 8/23/99
Client ID: Reject Fiber Run ID: SPEC_990823A SeqNo: 32018

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Formaldehyde	42.1	10	30	11	104	70	130	43.9	4.19	10	

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: Medite: Division of Sierra Pine
Work Order: 9908506
Project: Medite: Division of Sierra Pine

QC SUMMARY REPORT
Sample Matrix Spike

Sample ID 9908506-01AMS Batch ID: 487 Test Code: EPA 7470A Units: mg/Kg Analysis Date 8/24/99 Prep Date 8/23/99
Client ID: Scrubber Mud Run ID: FAA_990824A SeqNo: 32267

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.1495	0.023	0.1	0.03	119	80	120	0			

Sample ID 9908506-01AMSD Batch ID: 487 Test Code: EPA 7470A Units: mg/Kg Analysis Date 8/24/99 Prep Date 8/23/99
Client ID: Scrubber Mud Run ID: FAA_990824A SeqNo: 32268

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.12	0.02	0.1	0.03	90	80	120	0.1495	21.9	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: Medite: Division of Sierra Pine
Work Order: 9908506
Project: Medite: Division of Sierra Pine

QC SUMMARY REPORT
Sample Matrix Spike

Sample ID 9908506-01AMS Batch ID: 498 Test Code: EPA 6010B Units: mg/Kg Analysis Date 8/24/99 Prep Date 8/24/99
Client ID: Scrubber Mud Run ID: ICP_990824A SeqNo: 32369

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Silver	435.3	0.05	450	0	96.7	70	130	0			
Selenium	480.3	1	450	0	107	70	130	0			
Lead	435	0.01	350	0	124	70	130	0			
Chromium	439.6	0.05	450	0.3	97.6	70	130	0			
Cadmium	401.6	0.05	350	0	115	70	130	0			
Barium	438.1	0.1	450	2.88	96.7	70	130	0			
Arsenic	453	0.2	450	0	101	70	130	0			

Sample ID 9908506-01AMSD Batch ID: 498 Test Code: EPA 6010B Units: mg/Kg Analysis Date 8/24/99 Prep Date 8/24/99
Client ID: Scrubber Mud Run ID: ICP_990824A SeqNo: 32370

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Silver	457.5	0.05	450	0	102	70	130	435.3	4.98	0	
Selenium	503.8	1	450	0	112	70	130	480.3	4.78	0	
Lead	451.6	0.01	350	0	129	70	130	435	3.75	0	
Chromium	463.6	0.05	450	0.3	103	70	130	439.6	5.31	0	
Cadmium	420.7	0.05	350	0	120	70	130	401.6	4.64	0	
Barium	460.2	0.1	450	2.88	102	70	130	438.1	4.93	0	
Arsenic	473.4	0.2	450	0	105	70	130	453	4.4	0	

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

Neilson Research Corporation

Date: *30-Aug-99*

CLIENT: Medite: Division of Sierra Pine
Work Order: 9908506
Project: Medite: Division of Sierra Pine

QC SUMMARY REPORT

Laboratory Control Spike - generic

Sample ID LCS Batch ID: FORMALD_S-8/23/99A Test Code: Hantzsch Units: mg/Kg Analysis Date 8/23/99 Prep Date 8/23/99

Client ID: Run ID: SPEC_990823A SeqNo: 32014

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Formaldehyde	0.417	0.1	0.4	0	104	70	130	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: Medite: Division of Sierra Pine
Work Order: 9908506
Project: Medite: Division of Sierra Pine

QC SUMMARY REPORT
Laboratory Control Spike - generic

Sample ID LCS-487 Batch ID: 487 Test Code: EPA 7470A Units: mg/Kg Analysis Date 8/24/99 Prep Date 8/23/99
Client ID: Run ID: FAA_990824A SeqNo: 32264

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.19	0.02	0.2	0	95	80	120	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: Medite: Division of Sierra Pine
Work Order: 9908506
Project: Medite: Division of Sierra Pine

QC SUMMARY REPORT
Laboratory Control Spike - generic

Sample ID LCS-498 Batch ID: 498 Test Code: EPA 6010B Units: mg/Kg Analysis Date 8/24/99 Prep Date 8/24/99
Client ID: Run ID: ICP_990824A SeqNo: 32367

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Silver	97.02	0.05	100	0	97	85	115	0			
Selenium	95.26	1	100	0	95.3	85	115	0			
Lead	93.51	0.01	100	0	93.5	85	115	0			
Chromium	106.9	0.05	100	0	107	85	115	0			
Cadmium	98.14	0.05	100	0	98.1	85	115	0			
Barium	102.8	0.1	100	0	103	85	115	0			
Arsenic	70.88	0.2	75	0	94.5	85	115	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

NEILSON RESEARCH CORPORATION

245 S. GRAPE ST. * MEDFORD, OR 97501-3123 * (541) 770-5678 * FAX (541) 770-2901

Analytical Consulting Laboratory

Chain of Custody Record

Date_____ Page_____ of_____

Attention: David Lynch

Results and Invoice to: Sierra Pine Medford Division

Address: P.O Box 4040

Medford OR 97501

Phone: 773-2522 Sampled By: Dave Lynch

Fax #:_____ P.O. #:_____

REPORTING REQUEST

Preliminary: Fax ☐ Verbal ☐

Final: Written ☐ Fax ☐

RUSH REQUEST: ☐ 24–48 hrs. (100% sur)

☐ 5 days (50% sur) ☐ Standard 10–14 days

☐ Other_____

PROJECT INFORMATION

Project Number: BR549

Project Name:_____

Attention:_____

Address:_____

Phone:_____

SPECIAL INSTRUCTIONS:_____

☑ 4°C

☑ EPA JARS/VIALS WITH TEFLON LIDS

☐

☐

FIELD BLANK INCLUDED: ☐ YES ☑ NO

LAB ID	SAMPLE ID	DATE	TIME	SOIL/WATER OTHER	NO. OF CONTAINERS	ANALYSIS REQUEST: Formaldehyde	Vol- 8260	RCRA 8 Metals	pH	DEPTH	REMARKS/SAMPLE CONDITION
085060-01	Scrubber Mud	8/20/99	08:39	Solid	1	✓	✓	✓	✓		
-02	Reject FIBER	8/20/99	08:34	Solid	1	✓	✓	✓	✓		

RELINQUISHED BY (Sign and Print)	DATE/TIME	RECEIVED BY (Sign)	DATE/TIME
David Lynch David Lynch	8/20/99 09:56		
		REC'D. BY (LABORATORY)	8-20-99 10:00

SAMPLE DISPOSAL

☑ NRC disposal of non-contaminated

☐ Return ☐ Pick up

CHAIN OF CUSTODY SEALS Y/N/NA N

SHIPPED VIA: UPS Fed-Ex Bus Hand

Note: See Standard Terms & Conditions on reverse side of this form.

STATE OF OREGON
DEPARTMENT OF ENVIRONMENTAL QUALITY

142736

Issuing Office Salem Date 10/12/10

Received From SierraPine

Address 3010 Lava Ridge Ct., Ste220, Roseville, CA Zip 95661

Description of Permit Requested

1. BUD application (Solid Waste)
2.
3.

Received: Cash Amt. $

Check $2,000.00

chk # 993109

Fees Received

On-Site Sewage Permit $

On-Site Sewage Surcharge

Other BUD $2,000

Total $2,000

Issued By Frances Holman

DEPARTMENT OF ENVIRONMENTAL QUALITY
TRANSMITTAL ADVICE
SW BENEFICIAL USE DETERMINATIN

CK #	TRAN AMNT	FOR THE ACCOUNT OF	INV #	PJT #
CHECK NAME		REASON FOR PAYMENT	REF #	RCPT #
993109	2,000.00	SIERRAPINE LTD, MEDFORD DIVISION		N30108
SIERRA PINE COMPOSITE SOLUTIONS		2-TIER SW BENEFICIAL USE DETERMINATION	5440	142736
	2,000.00	TOTAL		