MEMORANDUM

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To: Ryan Miya, DTSC

Date: September 8, 2006

From: Bridgette DeShields
Judy Nedoff

cc: Ms. Denise Tsuji, DTSC
Mr. Craig Hunt, RWQCB
Nancy Atkinson, City of Fort Bragg
Ms. Carol Stephens, Georgia-Pacific Corporation
Mr. Paul Montney, Georgia-Pacific Corporation
Mr. Stewart Holm, Georgia-Pacific Corporation
Mr. Doug Heitmeyer, Georgia-Pacific Corporation

Re: Shed Stockpile Characterization Data, Memo #1

Attached is data for a subset of stockpiled materials currently stored in the Shed area at the Georgia Pacific Corporation (G-P) California Wood Products Manufacturing Facility, 90 West Redwood Avenue, Fort Bragg, California (site). Materials in the shed are from the foundation removal project and are materials suspected or known to be impacted (stained soil, stained concrete, other suspect materials). This is the first of a series of memoranda that will be submitted as data become available. These memoranda are being submitted to DTSC in a series so that timely decisions can be made about the management (e.g., reuse or offsite disposal) of these stockpiled materials.

Table 1 summarizes the current set of stockpiles and their status. Data are available for Stockpiles 1 through 5 (see attached sketch). Four-point composite samples were collected by Acton Mickelson Environmental in the locations shown on the attached sketch. Samples were analyzed for total petroleum hydrocarbons (TPH)-diesel (EPA 8015M/TPHCWG), TPH-motor oil (EPA 8015M/TPHCWG), polycyclic aromatic hydrocarbons (PAHs) (EPA 8270C), volatile organic compounds (VOCs) (EPA 8260), and California Assessment Manual (CAM) metals (EPA 6010B/7471). For selected samples, soluble threshold limit concentrations (STLC) and Toxicity Characteristic Leaching Procedure (TCLP) tests were conducted, as warranted by the total results. Based on these results, Stockpiles 1 and 2 (soil and debris) were found to be California Hazardous Waste (Cal Haz). The other stockpiles are non-hazardous. G-P intends to use Allied Waste to transport the Cal Haz materials to the Kettleman Hills facility and the non-hazardous waste at Keller Canyon landfill. G-P is requesting DTSC concurrence on these findings. The Cal Haz materials need to be removed from the site by 9/22/06. DTSC concurrence is requested by 9/14/06 to allow time for mobilization of equipment.

Enclosures (Tables 1-3, sketch, and analytical data)

Transmitted Via email

Table 1
Summary of Shed Stockpile Data

Stockpile ID	Approx. Date Placed in Stockpile Area	Type of Material	Approximate Volume (cubic yards)	Date Sampled	Data Status (pending or received)	Finding (Haz or Non-Haz)	Date Approval Needed from DTSC
Barn Stockpiles (Indoors)							
Stockpile-1-A-D	6/22/2006	Soil & Debris	350	7/14/2006	Received	Cal Haz*	9/14/2006
Stockpile-2-A-D	6/22/2006	Soil & Debris	350	7/14/2006	Received	Cal Haz*	9/14/2006
Stockpile-3-A-D	6/27/2006	Soil & Wood Chips	250	7/14/2006	Received	Non-Haz	9/14/2006
Stockpile-4-A-D	7/6/2006	Concrete	250	7/14/2006	Received	Non-Haz	9/14/2006
Stockpile-5-A-D	7/6/2006	Concrete	250	7/14/2006	Received	Non-Haz	9/14/2006
Stockpile-19-A-D	7/10/2006	Soil	600	8/24/2006	Pending	TBD	TBD
Stockpile-20-A-D	7/10/2006	Soil & Debris	400	8/24/2006	Pending	TBD	TBD

* Needs to be disposed of at an appropropriate facility by 9/22/06.

Table 2
Results of Shed Stockpile Sampling, Georgia-Pacific, Fort Bragg
Composites 1 through 5
Total Concentrations

Detected Analytes	Units	Stockpile-1-A-D	Stockpile-2-A-D	Stockpile-3-A-D	Stockpile-4-A-D	Stockpile-5-A-D	TTLC	STLC x 10
Diesel C10-C12	mg/kg	1.1	1.6	ND	--	--	NA	NA
Diesel C12-C16	mg/kg	5.1	14	1.8	--	--	NA	NA
Diesel C16-C24	mg/kg	36	150	63	--	--	NA	NA
Diesel C10-C24	mg/kg	--	--	--	20	190	NA	NA
Motor Oil C24-C36	mg/kg	280	1,100	310	60	520	NA	NA
Acetone	ug/kg	3.3	1.6	3.6	ND	ND	NA	NA
Methylene chloride	ug/kg	27	ND	5.5	ND	88	NA	NA
Antimony	mg/kg	2.2	3.2	ND	ND	ND	500	150
Arsenic	mg/kg	15	11	2.5	5.8	8.4	500	50
Barium	mg/kg	490	600	260	160	**1100**	10000	1000
Beryllium	mg/kg	0.64	0.77	ND	0.38	0.36	75	7.5
Cadmium	mg/kg	3.3	2.1	0.52	0.28	ND	100	10
Chromium	mg/kg	60	55	13	26	28	2,500	50
Cobalt	mg/kg	14.0	34.0	3.2	5.6	9.3	8000	800
Copper	mg/kg	170.0	190.0	16.0	31.0	30.0	2500	250
Lead	mg/kg	**180**	**560**	19	6.8	14	1,000	50
Mercury	mg/kg	0.29	0.87	0.097	0.049	0.067	20	2
Molybdenum	mg/kg	11	11	0.73	ND	ND	3500	3500
Nickel	mg/kg	45	40	10	19	29	2000	200
Selenium	mg/kg	ND	ND	ND	ND	0.51	100	10
Silver	mg/kg	ND	ND	ND	ND	ND	500	50
Thallium	mg/kg	ND	ND	ND	0.27	ND	700	70
Vanadium	mg/kg	35	36	21	48	57	2400	240
Zinc	mg/kg	1200	1600	200	74	170	5000	2,500
Finding	mg/kg	*	*	Non Haz	Non Haz	*	5000	2,500

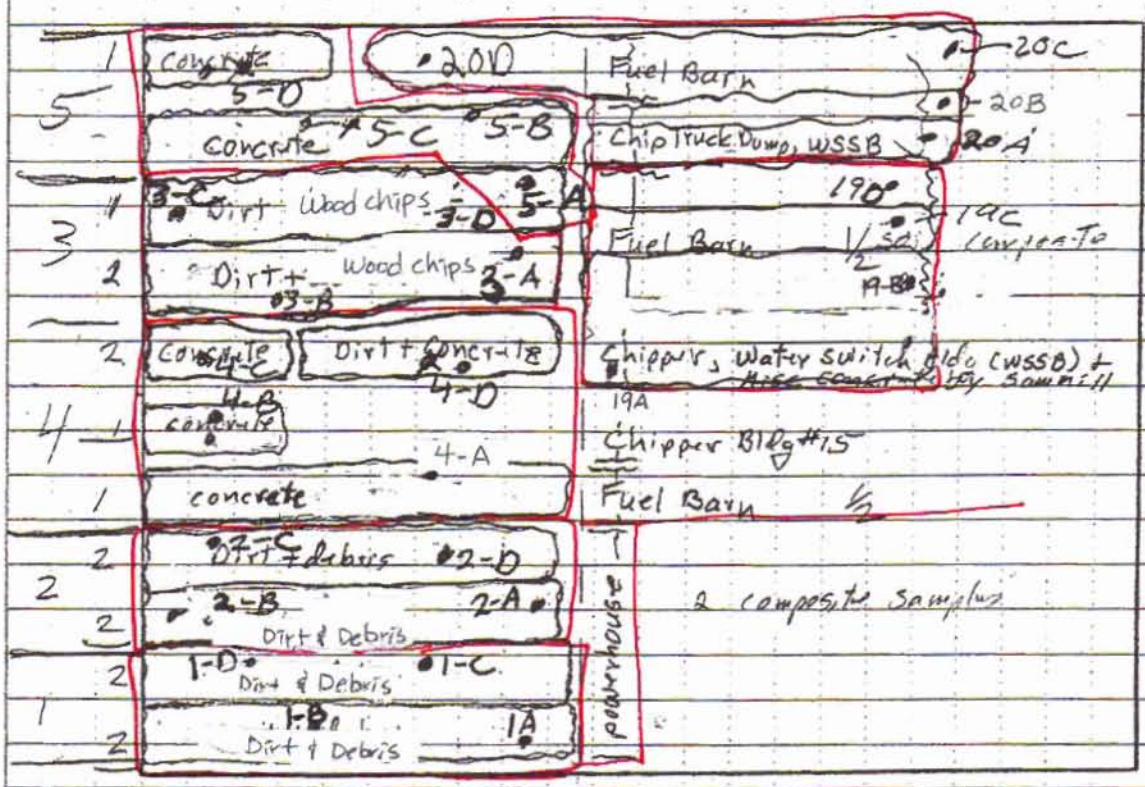
mg/kg = milligrams per kilogram
ND = non-detect
NA = not available
* Additional Testing Needed
All other analytes were non-detect

Table 3
Results of Shed Stockpile Sampling, Georgia-Pacific, Fort Bragg
Composites 1 through 5
STLC and TCLP Data

Detected Analytes	**Units**	**Stockpile-1-A-D STLC**	**Stockpile-1-A-D TCLP**	**Stockpile-2-A-D STLC**	**Stockpile-2-A-D TCLP**	**Stockpile-5-A-D STLC**	**TCLP**	**STLC**
Barium	mg/L	--	--	--	--	60	100	100
Lead	mg/L	**8**	ND	**14**	ND	--	5	5
Finding		Cal Haz		Cal Haz		Non Haz		

mg/kg = milligrams per kilogram
ND = non-detect

Parcel 3 Truck loading Shed
Stockpiled soil/debris



Spoils piles 9 rows 90 X 12 X 5 = 200 cu yds x 9 = 1800
1 row 40 X 12 X 5 = 89 cu yds
1 row 30 X 12 X 5 = 67 cu yds ≈ 1,956 cu yds

spoils piles comprised of concrete, rebar, dirt, wood, brick.

Sampled 7/14/06

New Stockpiles ≈ 4 ft
70 X 70 X 4 = 726 cu yds

8/24/06 samples collected
@ #19 & 20.

N

0 10 40' 80'
1" ≈ 40'

7/13/06

SPC

Acton Mickelson • Environmental, Inc.

Chain of Custody and Analysis Request Form

Geotracker Global ID T0604591192

188127

☒ Standard TAT ☐ RUSH TAT ☐ 24 hr. TAT ☐ 48 hr. TAT ☐ 72 hr. TAT ☒ 5 day TAT

 Chain of Custody

Send Results to:
5175 Hillsdale Circle, Suite 100
El Dorado Hills, CA 95762
(916) 939-7550, FAX (916) 939-7570
Attn. Jeff Heglie/Grace Willis

- ☐ Preliminary Fax Result
- ☒ Sample Receipt/ Log-In Confirmation
- ☒ Electronic Data Deliverables
- ☒ Geotracker EDF
- ☐ Raw Data Deliverables
- ☐ Call with Verbal Results

Lab ID (LAB USE ONLY)	Field Point ID	Sample ID	Date Collected	Time Collected	Matrix	Container	Number of Containers	Preservative	8015 TPH-D/TPH-MO/5 GAU	8270 PAHs	6010 Metals CA-22	8260 VOCs						Temperature	Comments
-1		Stockpile-1A	7/14/06	0835	S	SS	1	C	X	X	X	X							CT Quote CT1220050 9MP01
-2		Stockpile-1B	7/14/06	0835	S	SS	1	C	X	X	X	X							Note: Composite Sample 1A-1D in Lab
-3		Stockpile-1C	7/14/06	0835	S	SS	1	C	X	X	X	X							
-4		Stockpile-1D	7/14/06	0835	S	SS	1	C	X	X	X	X							
-5		Stockpile-2A	7/14/06	0855	S	SS	1	C	X	X	X	X							Note: Composite Sample 2A-2D in Lab
-6		Stockpile-2B	7/14/06	0855	S	SS	1	C	X	X	X	X							
-7		Stockpile-2C	7/14/06	0855	S	SS	1	C	X	X	X	X							
-8		Stockpile-2D	7/14/06	0855	S	SS	1	C	X	X	X	X							
-9		Stockpile-071406TB70	7/14/06	0820	S	SS	1	C				X							
N/A		Temperature	7/14/06	—	W	V	1	C										X	

Signature	Date	Time	Signature	Date	Time
Relinquished by: [signature]	7/17/06	0730	Relinquished by:		
Received by: [signature]	7/17/06	1240	Received by:		
Relinquished by:			Relinquished by:		
Received by:			Received by:		

Matrix: W - Water; DW - Drinking Water; SW - Surface Water; GW - Ground Water; WW - Waste Water; RW - Reagent Water; S - Soil; SE - Sediment; SV - Soil Vapor; AA - Ambient Air; WS - Waste (Solid); O - Other
Container: GB - Glass Bottle (Amber); V - 40 ml VOA Vial; BT, ST, PT - Brass, Steel, and Plastic Tube; P - Polythethylene; GJ - Glass Jar, SC - Summa Canister; TD - Tedlar
Preservative: C - Cold; HS - Sulfuric Acid; HC - Hydrochloric Acid; HN - Nitric Acid; Na - Sodium Hydroxide; O - Other

Project Name and Location: Former Georgia-Pacific Summit
Project Number: 16017.06
Sampled by: Thomas Carroll (Print Name) [signature] (Signature)
Receiving Lab: Curtis & Tompkins

Temp = 4.8°

ORIGINAL – Laboratory (Return with Report) YELLOW - Laboratory PINK - Originator

SPC

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 Chain of Custody

188127

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- ☒ Geotracker EDF
- ☐ Raw Data Deliverables
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Lab ID (LAB USE ONLY)	Field Point ID	Sample ID	Date Collected	Time Collected	Matrix	Container	Number of Containers	Preservative	8015 TPH, 18 Ho w/ 5 Gas	8270 PAH's	6010 Metals CA-22	8260 VOC's							Comments
-10		Stockpile-3A	7/14/06	0922	S	SS	1	C	X	X	X	X							CT Quote CT12200509HP01
-11		Stockpile-3B	7/14/06	0922	S	SS	1	C	X	X	X	X							Note: Composite Sample 3A-3D in Lab
-12		Stockpile-3C	7/14/06	0922	S	SS	1	C	X	X	X	X							
-13		Stockpile-3D	7/14/06	0922	S	SS	1	C	X	X	X	X							
-14		Stockpile-4A	7/14/06	0943	SO	SS	1	C	X	X	X	X							Note: Composite Sample 4A-4D in Lab Crush concrete
-15		Stockpile-4B	7/14/06	0943	SO	SS	1	C	X	X	X	X							
-16		Stockpile-4C	7/14/06	0943	SO	SS	1	C	X	X	X	X							
-17		Stockpile-4D	7/14/06	0943	SO	SS	1	C	X	X	X	X							

Signature	Date	Time	Signature	Date	Time
Relinquished by: Thomas Carroll	7/17/06	0730	Relinquished by:		
Received by: [illegible]	7/17/06	1240	Received by:		
Relinquished by:			Relinquished by:		
Received by:			Received by:		

Matrix: W - Water; DW - Drinking Water; SW - Surface Water; GW - Ground Water; WW - Waste Water; RW - Reagent Water; S - Soil; SE - Sediment; SV - Soil Vapor; AA - Ambient Air; WS - Waste (Solid); O - Other
Container: GB - Glass Bottle (Amber); V - 40 ml VOA Vial; BT, ST, PT - Brass, Steel, and Plastic Tube; P - Polythethylene; GJ - Glass Jar, SC - Summa Canister; TD - Tedlar
Preservative: C - Cold; HS - Sulfuric Acid; HC - Hydrochloric Acid; HN - Nitric Acid; Na - Sodium Hydroxide; O - Other

Project Name and Location: Former Georgia-Pacific Sawmill
Project Number: 16017.06
Receiving Lab: Curtis & Tompkins
Sampled by: Thomas Carroll (Print Name) Thomas Carroll (Signature)

ORIGINAL – Laboratory (Return with Report) YELLOW - Laboratory PINK - Originator

Acton Mickelson • Environmental, Inc.

Chain of Custody and Analysis Request Form

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Page 3 of 3 | Chain of Custody

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Lab ID (LAB USE ONLY)	Field Point ID	Sample ID	Date Collected	Time Collected	Matrix	Container	Number of Containers	Preservative	8015 TPH/TPH w/ Ext	8270 PAHs	6010 Metals (4-22)	8260 VOCs	Comments
-18	☆-	Stockpile-5A	7/14/06	0950	S	SS	1	C	X	X	X	X	CT Quote CT12200509HP01
-19		Stockpile-5B	7/14/06	0950	S	SS	1	C	X	X	X	X	Note: Composite sample 5A-5D in Lab crush concrete
-20		Stockpile-5C	7/14/06	0950	S	SS	1	C	X	X	X	X	
-21		Stockpile-5D	7/14/06	0950	S	SS	1	C	X	X	X	X	
-22		Stockpile-1 Comp											
-23		Stockpile-2 Comp											
-24		Stockpile-3 Comp											
-25		Stockpile-4 comp											
-26		Stockpile-5 comp											

☆ Logging in Stockpile 5 as Concrete not Soil as Cos States.

Signature	Date	Time	Signature	Date	Time
Relinquished by: Thomas Carroll	7/17/06	0730	Relinquished by:		PSP
Received by: [illegible]	7/17/06	1240	Received by:		
Relinquished by:			Relinquished by:		
Received by:			Received by:		

Matrix: W - Water; DW - Drinking Water; SW - Surface Water; GW - Ground Water; WW - Waste Water; RW - Reagent Water; S - Soil; SE - Sediment; SV - Soil Vapor; AA - Ambient Air; WS - Waste (Solid); O - Other
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Preservative: C - Cold; HS - Sulfuric Acid; HC - Hydrochloric Acid; HN - Nitric Acid; Na - Sodium Hydroxide; O - Other

Project Name and Location: Former Georgia-Pacific Sawmill
Project Number: 16017.06
Sampled by: Thomas Carroll (Print Name) [signature] (Signature)
Receiving Lab: Curtis & Tompkins

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Total Extractable Hydrocarbons

Lab #:	188127	Location:	Ft Bragg-Site Assessment
Client:	Acton Mickelson Environmental	Prep:	EPA 3550B
Project#:	16017.06	Analysis:	EPA 8015B
Matrix:	Soil	Sampled:	07/14/06
Units:	mg/Kg	Received:	07/17/06
Basis:	as received	Prepared:	07/21/06
Batch#:	115582		

Field ID:	STOCKPILE-1 COMP	Diln Fac:	1.000
Type:	SAMPLE	Analyzed:	07/21/06
Lab ID:	188127-022	Cleanup Method:	EPA 3630

Analyte	Result	RL
Diesel C10-C12	1.1	1.0
Diesel C12-C16	5.1	1.0
Diesel C16-C24	36	1.0
Motor Oil C24-C36	280 L	5.0

Surrogate	%REC	Limits
Hexacosane	80	48-130

Field ID:	STOCKPILE-2 COMP	Lab ID:	188127-023
Type:	SAMPLE	Cleanup Method:	EPA 3630

Analyte	Result	RL	Diln Fac	Analyzed
Diesel C10-C12	1.6	1.0	1.000	07/21/06
Diesel C12-C16	14	1.0	1.000	07/21/06
Diesel C16-C24	150	1.0	1.000	07/21/06
Motor Oil C24-C36	1,100 L	25	5.000	07/24/06

Surrogate	%REC	Limits	Diln Fac	Analyzed
Hexacosane	74	48-130	1.000	07/21/06

L= Lighter hydrocarbons contributed to the quantitation
ND= Not Detected
RL= Reporting Limit

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Total Extractable Hydrocarbons

Lab #:	188127	Location:	Ft Bragg-Site Assessment
Client:	Acton Mickelson Environmental	Prep:	EPA 3550B
Project#:	16017.06	Analysis:	EPA 8015B
Matrix:	Soil	Sampled:	07/14/06
Units:	mg/Kg	Received:	07/17/06
Basis:	as received	Prepared:	07/21/06
Batch#:	115582		

Field ID:	STOCKPILE-3 COMP	Diln Fac:	1.000
Type:	SAMPLE	Analyzed:	07/21/06
Lab ID:	188127-024	Cleanup Method:	EPA 3630

Analyte	Result	RL
Diesel C10-C12	ND	1.0
Diesel C12-C16	1.8	1.0
Diesel C16-C24	63	1.0
Motor Oil C24-C36	310 L	5.0

Surrogate	%REC	Limits
Hexacosane	84	48-130

Type:	BLANK	Analyzed:	07/21/06
Lab ID:	QC348616	Cleanup Method:	EPA 3630
Diln Fac:	1.000		

Analyte	Result	RL
Diesel C10-C12	ND	1.0
Diesel C12-C16	ND	1.0
Diesel C16-C24	ND	1.0
Motor Oil C24-C36	ND	5.0

Surrogate	%REC	Limits
Hexacosane	85	48-130

L= Lighter hydrocarbons contributed to the quantitation
ND= Not Detected
RL= Reporting Limit

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Total Extractable Hydrocarbons

Lab #:	188127	Location:	Ft Bragg-Site Assessment
Client:	Acton Mickelson Environmental	Prep:	SHAKER TABLE
Project#:	16017.06	Analysis:	EPA 8015B
Units:	mg/Kg	Sampled:	07/14/06
Basis:	as received	Received:	07/17/06
Batch#:	115527	Prepared:	07/20/06

Field ID:	STOCKPILE-4 COMP	Diln Fac:	1.000
Type:	SAMPLE	Analyzed:	07/20/06
Lab ID:	188127-025	Cleanup Method:	EPA 3630C
Matrix:	Miscell.		

Analyte	Result	RL
Diesel C10-C24	20 H Y	1.0
Motor Oil C24-C36	60 L	5.0

Surrogate	%REC	Limits
Hexacosane	89	48-130

Field ID:	STOCKPILE-5 COMP	Diln Fac:	3.000
Type:	SAMPLE	Analyzed:	07/21/06
Lab ID:	188127-026	Cleanup Method:	EPA 3630C
Matrix:	Miscell.		

Analyte	Result	RL
Diesel C10-C24	190 H Y	3.0
Motor Oil C24-C36	520 L	15

Surrogate	%REC	Limits
Hexacosane	98	48-130

Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC348429	Analyzed:	07/21/06
Matrix:	Soil	Cleanup Method:	EPA 3630C

Analyte	Result	RL
Diesel C10-C24	ND	1.0
Motor Oil C24-C36	ND	5.0

Surrogate	%REC	Limits
Hexacosane	105	48-130

H= Heavier hydrocarbons contributed to the quantitation
L= Lighter hydrocarbons contributed to the quantitation
Y= Sample exhibits chromatographic pattern which does not resemble standard
ND= Not Detected
RL= Reporting Limit

42.0

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Purgeable Organics by GC/MS

Lab #:	188127	Location:	Ft Bragg-Site Assessment
Client:	Acton Mickelson Environmental	Prep:	EPA 5030B
Project#:	16017.06	Analysis:	EPA 8260B
Field ID:	STOCKPILE-071406TB70	Batch#:	115370
Lab ID:	188127-009	Sampled:	07/14/06
Matrix:	Water	Received:	07/17/06
Units:	ug/L	Analyzed:	07/17/06
Diln Fac:	1.000		

Analyte	Result	RL
Freon 12	ND	1.0
Chloromethane	ND	1.0
Vinyl Chloride	ND	0.5
Bromomethane	ND	1.0
Chloroethane	ND	1.0
Trichlorofluoromethane	ND	1.0
Ethanol	ND	1,000
Isopropanol	ND	100
Acetone	ND	10
Freon 113	ND	0.5
1,1-Dichloroethene	ND	0.5
Methylene Chloride	ND	10
Carbon Disulfide	ND	0.5
MTBE	ND	0.5
trans-1,2-Dichloroethene	ND	0.5
Vinyl Acetate	ND	10
1,1-Dichloroethane	ND	0.5
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	0.5
2,2-Dichloropropane	ND	0.5
Chloroform	ND	0.5
Bromochloromethane	ND	0.5
1,1,1-Trichloroethane	ND	0.5
1,1-Dichloropropene	ND	0.5
Carbon Tetrachloride	ND	0.5
1,2-Dichloroethane	ND	0.5
Benzene	ND	0.5
Trichloroethene	ND	0.5
1,2-Dichloropropane	ND	0.5
Bromodichloromethane	ND	0.5
Dibromomethane	ND	0.5
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	0.5
Toluene	ND	0.5
trans-1,3-Dichloropropene	ND	0.5
1,1,2-Trichloroethane	ND	0.5
2-Hexanone	ND	10
1,3-Dichloropropane	ND	0.5
Tetrachloroethene	ND	0.5
Dibromochloromethane	ND	0.5
1,2-Dibromoethane	ND	0.5
Chlorobenzene	ND	0.5
1,1,1,2-Tetrachloroethane	ND	0.5
Ethylbenzene	ND	0.5
m,p-Xylenes	ND	0.5
o-Xylene	ND	0.5
Styrene	ND	0.5
Bromoform	ND	1.0
Isopropylbenzene	ND	0.5
1,1,2,2-Tetrachloroethane	ND	0.5
1,2,3-Trichloropropane	ND	0.5
Propylbenzene	ND	0.5
Bromobenzene	ND	0.5
1,3,5-Trimethylbenzene	ND	0.5

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Purgeable Organics by GC/MS

Lab #:	188127	Location:	Ft Bragg-Site Assessment
Client:	Acton Mickelson Environmental	Prep:	EPA 5030B
Project#:	16017.06	Analysis:	EPA 8260B
Field ID:	STOCKPILE-071406TB70	Batch#:	115370
Lab ID:	188127-009	Sampled:	07/14/06
Matrix:	Water	Received:	07/17/06
Units:	ug/L	Analyzed:	07/17/06
Diln Fac:	1.000		

Analyte	Result	RL
2-Chlorotoluene	ND	0.5
4-Chlorotoluene	ND	0.5
tert-Butylbenzene	ND	0.5
1,2,4-Trimethylbenzene	ND	0.5
sec-Butylbenzene	ND	0.5
para-Isopropyl Toluene	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
n-Butylbenzene	ND	0.5
1,2-Dichlorobenzene	ND	0.5
1,2-Dibromo-3-Chloropropane	ND	2.0
1,2,4-Trichlorobenzene	ND	0.5
Hexachlorobutadiene	ND	0.5
Naphthalene	ND	2.0
1,2,3-Trichlorobenzene	ND	0.5

Surrogate	%REC	Limits
Dibromofluoromethane	103	80-120
1,2-Dichloroethane-d4	114	80-130
Toluene-d8	97	80-120
Bromofluorobenzene	111	80-122

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Purgeable Organics by GC/MS

Lab #:	188127	Location:	Ft Bragg-Site Assessment
Client:	Acton Mickelson Environmental	Prep:	EPA 5030B
Project#:	16017.06	Analysis:	EPA 8260B
Field ID:	STOCKPILE-1 COMP	Diln Fac:	0.9434
Lab ID:	188127-022	Batch#:	115411
Matrix:	Soil	Sampled:	07/14/06
Units:	ug/Kg	Received:	07/17/06
Basis:	as received	Analyzed:	07/18/06

Analyte	Result	RL	MDL
Freon 12	ND	9.4	0.5
Chloromethane	ND	9.4	0.8
Vinyl Chloride	ND	9.4	0.7
Bromomethane	ND	9.4	1.3
Chloroethane	ND	9.4	0.6
Trichlorofluoromethane	ND	4.7	0.8
Ethanol	ND	940	79
Isopropanol	ND	190	21
Acetone	3.3 J	19	1.6
Freon 113	ND	4.7	0.8
1,1-Dichloroethene	ND	4.7	0.7
Methylene Chloride	27	19	0.4
Carbon Disulfide	ND	4.7	3.8
MTBE	ND	4.7	0.4
trans-1,2-Dichloroethene	ND	4.7	0.4
Vinyl Acetate	ND	47	0.6
1,1-Dichloroethane	ND	4.7	0.5
2-Butanone	ND	9.4	1.9
cis-1,2-Dichloroethene	ND	4.7	0.7
2,2-Dichloropropane	ND	4.7	0.7
Chloroform	ND	4.7	0.7
Bromochloromethane	ND	4.7	0.5
1,1,1-Trichloroethane	ND	4.7	0.9
1,1-Dichloropropene	ND	4.7	0.6
Carbon Tetrachloride	ND	4.7	0.6
1,2-Dichloroethane	ND	4.7	0.5
Benzene	ND	4.7	0.5
Trichloroethene	ND	4.7	0.5
1,2-Dichloropropane	ND	4.7	0.9
Bromodichloromethane	ND	4.7	0.7
Dibromomethane	ND	4.7	0.6
4-Methyl-2-Pentanone	ND	9.4	1.5
cis-1,3-Dichloropropene	ND	4.7	0.5
Toluene	ND	4.7	0.4
trans-1,3-Dichloropropene	ND	4.7	0.8
1,1,2-Trichloroethane	ND	4.7	0.7
2-Hexanone	ND	9.4	0.8
1,3-Dichloropropane	ND	4.7	0.5
Tetrachloroethene	ND	4.7	0.6
Dibromochloromethane	ND	4.7	0.5
1,2-Dibromoethane	ND	4.7	0.4
Chlorobenzene	ND	4.7	0.5
1,1,1,2-Tetrachloroethane	ND	4.7	0.5
Ethylbenzene	ND	4.7	0.4
m,p-Xylenes	ND	4.7	1.1
o-Xylene	ND	4.7	0.3
Styrene	ND	4.7	0.3
Bromoform	ND	4.7	0.8
Isopropylbenzene	ND	4.7	0.7
1,1,2,2-Tetrachloroethane	ND	4.7	0.9
1,2,3-Trichloropropane	ND	4.7	1.4
Propylbenzene	ND	4.7	0.6

J= Estimated value
ND= Not Detected
RL= Reporting Limit
MDL= Method Detection Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Purgeable Organics by GC/MS

Lab #:	188127	Location:	Ft Bragg-Site Assessment
Client:	Acton Mickelson Environmental	Prep:	EPA 5030B
Project#:	16017.06	Analysis:	EPA 8260B
Field ID:	STOCKPILE-1 COMP	Diln Fac:	0.9434
Lab ID:	188127-022	Batch#:	115411
Matrix:	Soil	Sampled:	07/14/06
Units:	ug/Kg	Received:	07/17/06
Basis:	as received	Analyzed:	07/18/06

Analyte	Result	RL	MDL
Bromobenzene	ND	4.7	0.8
1,3,5-Trimethylbenzene	ND	4.7	0.7
2-Chlorotoluene	ND	4.7	0.5
4-Chlorotoluene	ND	4.7	0.6
tert-Butylbenzene	ND	4.7	0.5
1,2,4-Trimethylbenzene	ND	4.7	0.7
sec-Butylbenzene	ND	4.7	0.7
para-Isopropyl Toluene	ND	4.7	0.6
1,3-Dichlorobenzene	ND	4.7	0.6
1,4-Dichlorobenzene	ND	4.7	0.5
n-Butylbenzene	ND	4.7	0.8
1,2-Dichlorobenzene	ND	4.7	0.4
1,2-Dibromo-3-Chloropropane	ND	4.7	1.4
1,2,4-Trichlorobenzene	ND	4.7	0.8
Hexachlorobutadiene	ND	4.7	1.1
Naphthalene	ND	4.7	0.7
1,2,3-Trichlorobenzene	ND	4.7	0.6

Surrogate	%REC	Limits
Dibromofluoromethane	100	79-120
1,2-Dichloroethane-d4	103	76-130
Toluene-d8	100	80-120
Bromofluorobenzene	124	80-126

J= Estimated value
ND= Not Detected
RL= Reporting Limit
MDL= Method Detection Limit

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Purgeable Organics by GC/MS

Lab #:	188127	Location:	Ft Bragg-Site Assessment
Client:	Acton Mickelson Environmental	Prep:	EPA 5030B
Project#:	16017.06	Analysis:	EPA 8260B
Field ID:	STOCKPILE-2 COMP	Diln Fac:	0.9434
Lab ID:	188127-023	Batch#:	115510
Matrix:	Soil	Sampled:	07/14/06
Units:	ug/Kg	Received:	07/17/06
Basis:	as received	Analyzed:	07/20/06

Analyte	Result	RL	MDL
Freon 12	ND	9.4	0.2
Chloromethane	ND	9.4	0.4
Vinyl Chloride	ND	9.4	0.3
Bromomethane	ND	9.4	0.4
Chloroethane	ND	9.4	0.2
Trichlorofluoromethane	ND	4.7	0.2
Ethanol	ND	940	30
Isopropanol	ND	190	3.2
Acetone	1.6 J	19	1.3
Freon 113	ND	4.7	0.3
1,1-Dichloroethene	ND	4.7	0.3
Methylene Chloride	ND	19	2.4
Carbon Disulfide	ND	4.7	0.2
MTBE	ND	4.7	0.1
trans-1,2-Dichloroethene	ND	4.7	0.2
Vinyl Acetate	ND	47	0.3
1,1-Dichloroethane	ND	4.7	0.1
2-Butanone	ND	9.4	0.8
cis-1,2-Dichloroethene	ND	4.7	0.1
2,2-Dichloropropane	ND	4.7	0.3
Chloroform	ND	4.7	0.2
Bromochloromethane	ND	4.7	0.4
1,1,1-Trichloroethane	ND	4.7	0.3
1,1-Dichloropropene	ND	4.7	0.2
Carbon Tetrachloride	ND	4.7	0.3
1,2-Dichloroethane	ND	4.7	0.2
Benzene	ND	4.7	0.2
Trichloroethene	ND	4.7	0.3
1,2-Dichloropropane	ND	4.7	0.2
Bromodichloromethane	ND	4.7	0.2
Dibromomethane	ND	4.7	0.2
4-Methyl-2-Pentanone	ND	9.4	0.1
cis-1,3-Dichloropropene	ND	4.7	0.2
Toluene	ND	4.7	0.2
trans-1,3-Dichloropropene	ND	4.7	0.3
1,1,2-Trichloroethane	ND	4.7	0.3
2-Hexanone	ND	9.4	0.3
1,3-Dichloropropane	ND	4.7	0.2
Tetrachloroethene	ND	4.7	0.4
Dibromochloromethane	ND	4.7	0.2
1,2-Dibromoethane	ND	4.7	0.3
Chlorobenzene	ND	4.7	0.3
1,1,1,2-Tetrachloroethane	ND	4.7	0.4
Ethylbenzene	ND	4.7	0.3
m,p-Xylenes	ND	4.7	0.6
o-Xylene	ND	4.7	0.2
Styrene	ND	4.7	0.2
Bromoform	ND	4.7	0.4
Isopropylbenzene	ND	4.7	0.3
1,1,2,2-Tetrachloroethane	ND	4.7	0.4
1,2,3-Trichloropropane	ND	4.7	0.4
Propylbenzene	ND	4.7	0.3

J= Estimated value
ND= Not Detected
RL= Reporting Limit
MDL= Method Detection Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Purgeable Organics by GC/MS

Lab #:	188127	Location:	Ft Bragg-Site Assessment
Client:	Acton Mickelson Environmental	Prep:	EPA 5030B
Project#:	16017.06	Analysis:	EPA 8260B
Field ID:	STOCKPILE-2 COMP	Diln Fac:	0.9434
Lab ID:	188127-023	Batch#:	115510
Matrix:	Soil	Sampled:	07/14/06
Units:	ug/Kg	Received:	07/17/06
Basis:	as received	Analyzed:	07/20/06

Analyte	Result	RL	MDL
Bromobenzene	ND	4.7	0.3
1,3,5-Trimethylbenzene	ND	4.7	0.2
2-Chlorotoluene	ND	4.7	0.4
4-Chlorotoluene	ND	4.7	0.3
tert-Butylbenzene	ND	4.7	0.2
1,2,4-Trimethylbenzene	ND	4.7	0.2
sec-Butylbenzene	ND	4.7	0.2
para-Isopropyl Toluene	ND	4.7	0.2
1,3-Dichlorobenzene	ND	4.7	0.4
1,4-Dichlorobenzene	ND	4.7	0.5
n-Butylbenzene	ND	4.7	0.2
1,2-Dichlorobenzene	ND	4.7	0.5
1,2-Dibromo-3-Chloropropane	ND	4.7	1.1
1,2,4-Trichlorobenzene	ND	4.7	0.4
Hexachlorobutadiene	ND	4.7	0.4
Naphthalene	ND	4.7	0.4
1,2,3-Trichlorobenzene	ND	4.7	0.4

Surrogate	%REC	Limits
Dibromofluoromethane	110	79-120
1,2-Dichloroethane-d4	91	76-130
Toluene-d8	100	80-120
Bromofluorobenzene	103	80-126

J= Estimated value
ND= Not Detected
RL= Reporting Limit
MDL= Method Detection Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Purgeable Organics by GC/MS

Lab #:	188127	Location:	Ft Bragg-Site Assessment
Client:	Acton Mickelson Environmental	Prep:	EPA 5030B
Project#:	16017.06	Analysis:	EPA 8260B
Field ID:	STOCKPILE-3 COMP	Diln Fac:	0.9434
Lab ID:	188127-024	Batch#:	115411
Matrix:	Soil	Sampled:	07/14/06
Units:	ug/Kg	Received:	07/17/06
Basis:	as received	Analyzed:	07/18/06

Analyte	Result	RL	MDL
Freon 12	ND	9.4	0.5
Chloromethane	ND	9.4	0.8
Vinyl Chloride	ND	9.4	0.7
Bromomethane	ND	9.4	1.3
Chloroethane	ND	9.4	0.6
Trichlorofluoromethane	ND	4.7	0.8
Ethanol	ND	940	79
Isopropanol	ND	190	21
Acetone	3.6 J	19	1.6
Freon 113	ND	4.7	0.8
1,1-Dichloroethene	ND	4.7	0.7
Methylene Chloride	5.5 J	19	0.4
Carbon Disulfide	ND	4.7	3.8
MTBE	ND	4.7	0.4
trans-1,2-Dichloroethene	ND	4.7	0.4
Vinyl Acetate	ND	47	0.6
1,1-Dichloroethane	ND	4.7	0.5
2-Butanone	ND	9.4	1.9
cis-1,2-Dichloroethene	ND	4.7	0.7
2,2-Dichloropropane	ND	4.7	0.7
Chloroform	ND	4.7	0.7
Bromochloromethane	ND	4.7	0.5
1,1,1-Trichloroethane	ND	4.7	0.9
1,1-Dichloropropene	ND	4.7	0.6
Carbon Tetrachloride	ND	4.7	0.6
1,2-Dichloroethane	ND	4.7	0.5
Benzene	ND	4.7	0.5
Trichloroethene	ND	4.7	0.5
1,2-Dichloropropane	ND	4.7	0.9
Bromodichloromethane	ND	4.7	0.7
Dibromomethane	ND	4.7	0.6
4-Methyl-2-Pentanone	ND	9.4	1.5
cis-1,3-Dichloropropene	ND	4.7	0.5
Toluene	ND	4.7	0.4
trans-1,3-Dichloropropene	ND	4.7	0.8
1,1,2-Trichloroethane	ND	4.7	0.7
2-Hexanone	ND	9.4	0.8
1,3-Dichloropropane	ND	4.7	0.5
Tetrachloroethene	ND	4.7	0.6
Dibromochloromethane	ND	4.7	0.5
1,2-Dibromoethane	ND	4.7	0.4
Chlorobenzene	ND	4.7	0.5
1,1,1,2-Tetrachloroethane	ND	4.7	0.5
Ethylbenzene	ND	4.7	0.4
m,p-Xylenes	ND	4.7	1.1
o-Xylene	ND	4.7	0.3
Styrene	ND	4.7	0.3
Bromoform	ND	4.7	0.8
Isopropylbenzene	ND	4.7	0.7
1,1,2,2-Tetrachloroethane	ND	4.7	0.9
1,2,3-Trichloropropane	ND	4.7	1.4
Propylbenzene	ND	4.7	0.6

J= Estimated value
ND= Not Detected
RL= Reporting Limit
MDL= Method Detection Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Purgeable Organics by GC/MS

Lab #:	188127	Location:	Ft Bragg-Site Assessment
Client:	Acton Mickelson Environmental	Prep:	EPA 5030B
Project#:	16017.06	Analysis:	EPA 8260B
Field ID:	STOCKPILE-3 COMP	Diln Fac:	0.9434
Lab ID:	188127-024	Batch#:	115411
Matrix:	Soil	Sampled:	07/14/06
Units:	ug/Kg	Received:	07/17/06
Basis:	as received	Analyzed:	07/18/06

Analyte	Result	RL	MDL
Bromobenzene	ND	4.7	0.8
1,3,5-Trimethylbenzene	ND	4.7	0.7
2-Chlorotoluene	ND	4.7	0.5
4-Chlorotoluene	ND	4.7	0.6
tert-Butylbenzene	ND	4.7	0.5
1,2,4-Trimethylbenzene	ND	4.7	0.7
sec-Butylbenzene	ND	4.7	0.7
para-Isopropyl Toluene	ND	4.7	0.6
1,3-Dichlorobenzene	ND	4.7	0.6
1,4-Dichlorobenzene	ND	4.7	0.5
n-Butylbenzene	ND	4.7	0.8
1,2-Dichlorobenzene	ND	4.7	0.4
1,2-Dibromo-3-Chloropropane	ND	4.7	1.4
1,2,4-Trichlorobenzene	ND	4.7	0.8
Hexachlorobutadiene	ND	4.7	1.1
Naphthalene	ND	4.7	0.7
1,2,3-Trichlorobenzene	ND	4.7	0.6

Surrogate	%REC	Limits
Dibromofluoromethane	106	79-120
1,2-Dichloroethane-d4	112	76-130
Toluene-d8	103	80-120
Bromofluorobenzene	116	80-126

J= Estimated value
ND= Not Detected
RL= Reporting Limit
MDL= Method Detection Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Purgeable Organics by GC/MS

Lab #:	188127	Location:	Ft Bragg-Site Assessment
Client:	Acton Mickelson Environmental	Prep:	EPA 5030B
Project#:	16017.06	Analysis:	EPA 8260B
Field ID:	STOCKPILE-4 COMP	Diln Fac:	0.9804
Lab ID:	188127-025	Batch#:	115558
Matrix:	Miscell.	Sampled:	07/14/06
Units:	ug/Kg	Received:	07/17/06
Basis:	as received	Analyzed:	07/21/06

Analyte	Result	RL
Freon 12	ND	9.8
Chloromethane	ND	9.8
Vinyl Chloride	ND	9.8
Bromomethane	ND	9.8
Chloroethane	ND	9.8
Trichlorofluoromethane	ND	4.9
Acetone	ND	20
Freon 113	ND	4.9
1,1-Dichloroethene	ND	4.9
Methylene Chloride	ND	20
Carbon Disulfide	ND	4.9
MTBE	ND	4.9
trans-1,2-Dichloroethene	ND	4.9
Vinyl Acetate	ND	49
1,1-Dichloroethane	ND	4.9
2-Butanone	ND	9.8
cis-1,2-Dichloroethene	ND	4.9
2,2-Dichloropropane	ND	4.9
Chloroform	ND	4.9
Bromochloromethane	ND	4.9
1,1,1-Trichloroethane	ND	4.9
1,1-Dichloropropene	ND	4.9
Carbon Tetrachloride	ND	4.9
1,2-Dichloroethane	ND	4.9
Benzene	ND	4.9
Trichloroethene	ND	4.9
1,2-Dichloropropane	ND	4.9
Bromodichloromethane	ND	4.9
Dibromomethane	ND	4.9
4-Methyl-2-Pentanone	ND	9.8
cis-1,3-Dichloropropene	ND	4.9
Toluene	ND	4.9
trans-1,3-Dichloropropene	ND	4.9
1,1,2-Trichloroethane	ND	4.9
2-Hexanone	ND	9.8
1,3-Dichloropropane	ND	4.9
Tetrachloroethene	ND	4.9
Dibromochloromethane	ND	4.9
1,2-Dibromoethane	ND	4.9
Chlorobenzene	ND	4.9
1,1,1,2-Tetrachloroethane	ND	4.9
Ethylbenzene	ND	4.9
m,p-Xylenes	ND	4.9
o-Xylene	ND	4.9
Styrene	ND	4.9
Bromoform	ND	4.9
Isopropylbenzene	ND	4.9
1,1,2,2-Tetrachloroethane	ND	4.9
1,2,3-Trichloropropane	ND	4.9
Propylbenzene	ND	4.9
Bromobenzene	ND	4.9
1,3,5-Trimethylbenzene	ND	4.9
2-Chlorotoluene	ND	4.9

*= Value outside of QC limits; see narrative
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
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Purgeable Organics by GC/MS

Lab #:	188127	Location:	Ft Bragg-Site Assessment
Client:	Acton Mickelson Environmental	Prep:	EPA 5030B
Project#:	16017.06	Analysis:	EPA 8260B
Field ID:	STOCKPILE-4 COMP	Diln Fac:	0.9804
Lab ID:	188127-025	Batch#:	115558
Matrix:	Miscell.	Sampled:	07/14/06
Units:	ug/Kg	Received:	07/17/06
Basis:	as received	Analyzed:	07/21/06

Analyte	Result	RL
4-Chlorotoluene	ND	4.9
tert-Butylbenzene	ND	4.9
1,2,4-Trimethylbenzene	ND	4.9
sec-Butylbenzene	ND	4.9
para-Isopropyl Toluene	ND	4.9
1,3-Dichlorobenzene	ND	4.9
1,4-Dichlorobenzene	ND	4.9
n-Butylbenzene	ND	4.9
1,2-Dichlorobenzene	ND	4.9
1,2-Dibromo-3-Chloropropane	ND	4.9
1,2,4-Trichlorobenzene	ND	4.9
Hexachlorobutadiene	ND	4.9
Naphthalene	ND	4.9
1,2,3-Trichlorobenzene	ND	4.9

Surrogate	%REC	Limits
Dibromofluoromethane	68 *	79-120
1,2-Dichloroethane-d4	95	76-130
Toluene-d8	99	80-120
Bromofluorobenzene	102	80-126

*= Value outside of QC limits; see narrative
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
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Purgeable Organics by GC/MS

Lab #:	188127	Location:	Ft Bragg-Site Assessment
Client:	Acton Mickelson Environmental	Prep:	EPA 5030B
Project#:	16017.06	Analysis:	EPA 8260B
Field ID:	STOCKPILE-5 COMP	Diln Fac:	1.000
Lab ID:	188127-026	Batch#:	115510
Matrix:	Miscell.	Sampled:	07/14/06
Units:	ug/Kg	Received:	07/17/06
Basis:	as received	Analyzed:	07/20/06

Analyte	Result	RL
Freon 12	ND	10
Chloromethane	ND	10
Vinyl Chloride	ND	10
Bromomethane	ND	10
Chloroethane	ND	10
Trichlorofluoromethane	ND	5.0
Acetone	ND	20
Freon 113	ND	5.0
1,1-Dichloroethene	ND	5.0
Methylene Chloride	88	20
Carbon Disulfide	ND	5.0
MTBE	ND	5.0
trans-1,2-Dichloroethene	ND	5.0
Vinyl Acetate	ND	50
1,1-Dichloroethane	ND	5.0
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	5.0
2,2-Dichloropropane	ND	5.0
Chloroform	ND	5.0
Bromochloromethane	ND	5.0
1,1,1-Trichloroethane	ND	5.0
1,1-Dichloropropene	ND	5.0
Carbon Tetrachloride	ND	5.0
1,2-Dichloroethane	ND	5.0
Benzene	ND	5.0
Trichloroethene	ND	5.0
1,2-Dichloropropane	ND	5.0
Bromodichloromethane	ND	5.0
Dibromomethane	ND	5.0
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	5.0
Toluene	ND	5.0
trans-1,3-Dichloropropene	ND	5.0
1,1,2-Trichloroethane	ND	5.0
2-Hexanone	ND	10
1,3-Dichloropropane	ND	5.0
Tetrachloroethene	ND	5.0

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
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Purgeable Organics by GC/MS

Lab #:	188127	Location:	Ft Bragg-Site Assessment
Client:	Acton Mickelson Environmental	Prep:	EPA 5030B
Project#:	16017.06	Analysis:	EPA 8260B
Field ID:	STOCKPILE-5 COMP	Diln Fac:	1.000
Lab ID:	188127-026	Batch#:	115510
Matrix:	Miscell.	Sampled:	07/14/06
Units:	ug/Kg	Received:	07/17/06
Basis:	as received	Analyzed:	07/20/06

Analyte	Result	RL
Dibromochloromethane	ND	5.0
1,2-Dibromoethane	ND	5.0
Chlorobenzene	ND	5.0
1,1,1,2-Tetrachloroethane	ND	5.0
Ethylbenzene	ND	5.0
m,p-Xylenes	ND	5.0
o-Xylene	ND	5.0
Styrene	ND	5.0
Bromoform	ND	5.0
Isopropylbenzene	ND	5.0
1,1,2,2-Tetrachloroethane	ND	5.0
1,2,3-Trichloropropane	ND	5.0
Propylbenzene	ND	5.0
Bromobenzene	ND	5.0
1,3,5-Trimethylbenzene	ND	5.0
2-Chlorotoluene	ND	5.0
4-Chlorotoluene	ND	5.0
tert-Butylbenzene	ND	5.0
1,2,4-Trimethylbenzene	ND	5.0
sec-Butylbenzene	ND	5.0
para-Isopropyl Toluene	ND	5.0
1,3-Dichlorobenzene	ND	5.0
1,4-Dichlorobenzene	ND	5.0
n-Butylbenzene	ND	5.0
1,2-Dichlorobenzene	ND	5.0
1,2-Dibromo-3-Chloropropane	ND	5.0
1,2,4-Trichlorobenzene	ND	5.0
Hexachlorobutadiene	ND	5.0
Naphthalene	ND	5.0
1,2,3-Trichlorobenzene	ND	5.0

Surrogate	%REC	Limits
Dibromofluoromethane	84	79-120
1,2-Dichloroethane-d4	84	76-130
Toluene-d8	100	80-120
Bromofluorobenzene	105	80-126

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Polynuclear Aromatics by GC/MS

Lab #:	188127	Location:	Ft Bragg-Site Assessment
Client:	Acton Mickelson Environmental	Prep:	EPA 3550B
Project#:	16017.06	Analysis:	EPA 8270C
Field ID:	STOCKPILE-1 COMP	Batch#:	115599
Lab ID:	188127-022	Sampled:	07/14/06
Matrix:	Soil	Received:	07/17/06
Units:	ug/Kg	Prepared:	07/21/06
Basis:	as received	Analyzed:	07/24/06
Diln Fac:	1.000		

Analyte	Result	RL	MDL
Naphthalene	ND	1,300	670
Acenaphthylene	ND	1,300	430
Acenaphthene	ND	1,300	620
Fluorene	ND	1,300	600
Phenanthrene	ND	1,300	620
Anthracene	ND	1,300	400
Fluoranthene	ND	1,300	630
Pyrene	ND	1,300	680
Benzo(a)anthracene	ND	1,300	550
Chrysene	ND	1,300	540
Benzo(b)fluoranthene	ND	1,300	480
Benzo(k)fluoranthene	ND	1,300	530
Benzo(a)pyrene	ND	1,300	420
Indeno(1,2,3-cd)pyrene	ND	1,300	570
Dibenz(a,h)anthracene	ND	1,300	540
Benzo(g,h,i)perylene	ND	1,300	510

Surrogate	%REC	Limits
Nitrobenzene-d5	DO	46-120
2-Fluorobiphenyl	DO	49-120
Terphenyl-d14	DO	36-120

DO= Diluted Out
ND= Not Detected
RL= Reporting Limit
MDL= Method Detection Limit

44.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Polynuclear Aromatics by GC/MS

Lab #:	188127	Location:	Ft Bragg-Site Assessment
Client:	Acton Mickelson Environmental	Prep:	EPA 3550B
Project#:	16017.06	Analysis:	EPA 8270C
Field ID:	STOCKPILE-2 COMP	Batch#:	115599
Lab ID:	188127-023	Sampled:	07/14/06
Matrix:	Soil	Received:	07/17/06
Units:	ug/Kg	Prepared:	07/21/06
Basis:	as received	Analyzed:	07/24/06
Diln Fac:	1.000		

Analyte	Result	RL	MDL
Naphthalene	ND	1,300	670
Acenaphthylene	ND	1,300	440
Acenaphthene	ND	1,300	620
Fluorene	ND	1,300	600
Phenanthrene	ND	1,300	630
Anthracene	ND	1,300	410
Fluoranthene	ND	1,300	630
Pyrene	ND	1,300	680
Benzo(a)anthracene	ND	1,300	550
Chrysene	ND	1,300	540
Benzo(b)fluoranthene	ND	1,300	480
Benzo(k)fluoranthene	ND	1,300	530
Benzo(a)pyrene	ND	1,300	420
Indeno(1,2,3-cd)pyrene	ND	1,300	570
Dibenz(a,h)anthracene	ND	1,300	540
Benzo(g,h,i)perylene	ND	1,300	510

Surrogate	%REC	Limits
Nitrobenzene-d5	DO	46-120
2-Fluorobiphenyl	DO	49-120
Terphenyl-d14	DO	36-120

DO= Diluted Out
ND= Not Detected
RL= Reporting Limit
MDL= Method Detection Limit

45.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Polynuclear Aromatics by GC/MS

Lab #:	188127	Location:	Ft Bragg-Site Assessment
Client:	Acton Mickelson Environmental	Prep:	EPA 3550B
Project#:	16017.06	Analysis:	EPA 8270C
Field ID:	STOCKPILE-3 COMP	Batch#:	115599
Lab ID:	188127-024	Sampled:	07/14/06
Matrix:	Soil	Received:	07/17/06
Units:	ug/Kg	Prepared:	07/21/06
Basis:	as received	Analyzed:	07/24/06
Diln Fac:	1.000		

Analyte	Result	RL	MDL
Naphthalene	ND	67	34
Acenaphthylene	ND	67	22
Acenaphthene	ND	67	32
Fluorene	ND	67	31
Phenanthrene	ND	67	32
Anthracene	ND	67	21
Fluoranthene	ND	67	32
Pyrene	ND	67	34
Benzo(a)anthracene	ND	67	28
Chrysene	ND	67	27
Benzo(b)fluoranthene	ND	67	24
Benzo(k)fluoranthene	ND	67	27
Benzo(a)pyrene	ND	67	21
Indeno(1,2,3-cd)pyrene	ND	67	29
Dibenz(a,h)anthracene	ND	67	27
Benzo(g,h,i)perylene	ND	67	26

Surrogate	%REC	Limits
Nitrobenzene-d5	58	46-120
2-Fluorobiphenyl	66	49-120
Terphenyl-d14	59	36-120

ND= Not Detected
RL= Reporting Limit
MDL= Method Detection Limit

46.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Polynuclear Aromatics by GC/MS

Lab #:	188127	Location:	Ft Bragg-Site Assessment
Client:	Acton Mickelson Environmental	Prep:	EPA 3550B
Project#:	16017.06	Analysis:	EPA 8270C
Field ID:	STOCKPILE-4 COMP	Batch#:	115657
Lab ID:	188127-025	Sampled:	07/14/06
Matrix:	Miscell.	Received:	07/17/06
Units:	ug/Kg	Prepared:	07/24/06
Basis:	as received	Analyzed:	07/26/06
Diln Fac:	1.000		

Analyte	Result	RL
Naphthalene	ND	67
Acenaphthylene	ND	67
Acenaphthene	ND	67
Fluorene	ND	67
Phenanthrene	ND	67
Anthracene	ND	67
Fluoranthene	ND	67
Pyrene	ND	67
Benzo(a)anthracene	ND	67
Chrysene	ND	67
Benzo(b)fluoranthene	ND	67
Benzo(k)fluoranthene	ND	67
Benzo(a)pyrene	ND	67
Indeno(1,2,3-cd)pyrene	ND	67
Dibenz(a,h)anthracene	ND	67
Benzo(g,h,i)perylene	ND	67

Surrogate	%REC	Limits
Nitrobenzene-d5	72	46-120
2-Fluorobiphenyl	84	49-120
Terphenyl-d14	75	36-120

ND= Not Detected
RL= Reporting Limit

50.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Polynuclear Aromatics by GC/MS

Lab #:	188127	Location:	Ft Bragg-Site Assessment
Client:	Acton Mickelson Environmental	Prep:	EPA 3550B
Project#:	16017.06	Analysis:	EPA 8270C
Field ID:	STOCKPILE-5 COMP	Batch#:	115657
Lab ID:	188127-026	Sampled:	07/14/06
Matrix:	Miscell.	Received:	07/17/06
Units:	ug/Kg	Prepared:	07/24/06
Basis:	as received	Analyzed:	07/26/06
Diln Fac:	1.000		

Analyte	Result	RL
Naphthalene	ND	66
Acenaphthylene	ND	66
Acenaphthene	ND	66
Fluorene	ND	66
Phenanthrene	ND	66
Anthracene	ND	66
Fluoranthene	ND	66
Pyrene	ND	66
Benzo(a)anthracene	ND	66
Chrysene	ND	66
Benzo(b)fluoranthene	ND	66
Benzo(k)fluoranthene	ND	66
Benzo(a)pyrene	ND	66
Indeno(1,2,3-cd)pyrene	ND	66
Dibenz(a,h)anthracene	ND	66
Benzo(g,h,i)perylene	ND	66

Surrogate	%REC	Limits
Nitrobenzene-d5	69	46-120
2-Fluorobiphenyl	83	49-120
Terphenyl-d14	75	36-120

ND= Not Detected
RL= Reporting Limit

51.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

California Title 26 Metals

Lab #:	188127	Project#:	16017.06
Client:	Acton Mickelson Environmental	Location:	Ft Bragg-Site Assessment
Field ID:	STOCKPILE-1 COMP	Basis:	as received
Lab ID:	188127-022	Sampled:	07/14/06
Matrix:	Soil	Received:	07/17/06
Units:	mg/Kg		

Analyte	Result	RL	Diln Fac	Batch#	Prepared	Analyzed	Prep	Analysis
Antimony	2.2	0.25	1.000	115496	07/20/06	07/20/06	EPA 3050B	EPA 6010B
Arsenic	15	0.25	1.000	115496	07/20/06	07/20/06	EPA 3050B	EPA 6010B
Barium	490	0.90	5.000	115496	07/20/06	07/20/06	EPA 3050B	EPA 6010B
Beryllium	0.64	0.25	1.000	115496	07/20/06	07/20/06	EPA 3050B	EPA 6010B
Cadmium	3.3	0.25	1.000	115496	07/20/06	07/20/06	EPA 3050B	EPA 6010B
Chromium	60	0.25	1.000	115496	07/20/06	07/20/06	EPA 3050B	EPA 6010B
Cobalt	14	0.25	1.000	115496	07/20/06	07/20/06	EPA 3050B	EPA 6010B
Copper	170	0.25	1.000	115496	07/20/06	07/20/06	EPA 3050B	EPA 6010B
Lead	180	0.25	1.000	115496	07/20/06	07/20/06	EPA 3050B	EPA 6010B
Mercury	0.29	0.020	1.000	115422	07/18/06	07/18/06	METHOD	EPA 7471A
Molybdenum	11	0.25	1.000	115496	07/20/06	07/20/06	EPA 3050B	EPA 6010B
Nickel	45	0.25	1.000	115496	07/20/06	07/20/06	EPA 3050B	EPA 6010B
Selenium	ND	0.25	1.000	115496	07/20/06	07/20/06	EPA 3050B	EPA 6010B
Silver	ND	0.25	1.000	115496	07/20/06	07/20/06	EPA 3050B	EPA 6010B
Thallium	ND	0.25	1.000	115496	07/20/06	07/20/06	EPA 3050B	EPA 6010B
Vanadium	35	0.25	1.000	115496	07/20/06	07/20/06	EPA 3050B	EPA 6010B
Zinc	1,200	3.6	5.000	115496	07/20/06	07/20/06	EPA 3050B	EPA 6010B

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

California Title 26 Metals

Lab #:	188127	Project#:	16017.06
Client:	Acton Mickelson Environmental	Location:	Ft Bragg-Site Assessment
Field ID:	STOCKPILE-2 COMP	Basis:	as received
Lab ID:	188127-023	Sampled:	07/14/06
Matrix:	Soil	Received:	07/17/06
Units:	mg/Kg		

Analyte	Result	RL	Diln Fac	Batch#	Prepared	Analyzed	Prep	Analysis
Antimony	3.2	0.25	1.000	115496	07/20/06	07/20/06	EPA 3050B	EPA 6010B
Arsenic	11	0.25	1.000	115496	07/20/06	07/20/06	EPA 3050B	EPA 6010B
Barium	600	0.99	5.000	115496	07/20/06	07/20/06	EPA 3050B	EPA 6010B
Beryllium	0.77	0.25	1.000	115496	07/20/06	07/20/06	EPA 3050B	EPA 6010B
Cadmium	2.1	0.25	1.000	115496	07/20/06	07/20/06	EPA 3050B	EPA 6010B
Chromium	55	0.25	1.000	115496	07/20/06	07/20/06	EPA 3050B	EPA 6010B
Cobalt	34	0.25	1.000	115496	07/20/06	07/20/06	EPA 3050B	EPA 6010B
Copper	190	0.25	1.000	115496	07/20/06	07/20/06	EPA 3050B	EPA 6010B
Lead	560	0.60	5.000	115496	07/20/06	07/20/06	EPA 3050B	EPA 6010B
Mercury	0.87	0.020	1.000	115422	07/18/06	07/18/06	METHOD	EPA 7471A
Molybdenum	11	0.25	1.000	115496	07/20/06	07/20/06	EPA 3050B	EPA 6010B
Nickel	40	0.25	1.000	115496	07/20/06	07/20/06	EPA 3050B	EPA 6010B
Selenium	ND	0.25	1.000	115496	07/20/06	07/20/06	EPA 3050B	EPA 6010B
Silver	ND	0.25	1.000	115496	07/20/06	07/20/06	EPA 3050B	EPA 6010B
Thallium	ND	0.25	1.000	115496	07/20/06	07/20/06	EPA 3050B	EPA 6010B
Vanadium	36	0.25	1.000	115496	07/20/06	07/20/06	EPA 3050B	EPA 6010B
Zinc	1,600	4.0	5.000	115496	07/20/06	07/20/06	EPA 3050B	EPA 6010B

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

California Title 26 Metals

Lab #: 188127		Project#:	16017.06
Client: Acton Mickelson Environmental		Location:	Ft Bragg-Site Assessment
Field ID:	STOCKPILE-3 COMP	Basis:	as received
Lab ID:	188127-024	Diln Fac:	1.000
Matrix:	Soil	Sampled:	07/14/06
Units:	mg/Kg	Received:	07/17/06

Analyte	Result	RL	Batch#	Prepared	Analyzed	Prep	Analysis
Antimony	ND	0.25	115496	07/20/06	07/20/06	EPA 3050B	EPA 6010B
Arsenic	2.5	0.25	115496	07/20/06	07/20/06	EPA 3050B	EPA 6010B
Barium	260	0.25	115496	07/20/06	07/20/06	EPA 3050B	EPA 6010B
Beryllium	ND	0.25	115496	07/20/06	07/20/06	EPA 3050B	EPA 6010B
Cadmium	0.52	0.25	115496	07/20/06	07/20/06	EPA 3050B	EPA 6010B
Chromium	13	0.25	115496	07/20/06	07/20/06	EPA 3050B	EPA 6010B
Cobalt	3.2	0.25	115496	07/20/06	07/20/06	EPA 3050B	EPA 6010B
Copper	16	0.25	115496	07/20/06	07/20/06	EPA 3050B	EPA 6010B
Lead	19	0.25	115496	07/20/06	07/20/06	EPA 3050B	EPA 6010B
Mercury	0.097	0.020	115422	07/18/06	07/18/06	METHOD	EPA 7471A
Molybdenum	0.73	0.25	115496	07/20/06	07/20/06	EPA 3050B	EPA 6010B
Nickel	10	0.25	115496	07/20/06	07/20/06	EPA 3050B	EPA 6010B
Selenium	ND	0.25	115496	07/20/06	07/20/06	EPA 3050B	EPA 6010B
Silver	ND	0.25	115496	07/20/06	07/20/06	EPA 3050B	EPA 6010B
Thallium	ND	0.25	115496	07/20/06	07/20/06	EPA 3050B	EPA 6010B
Vanadium	21	0.25	115496	07/20/06	07/20/06	EPA 3050B	EPA 6010B
Zinc	200	1.0	115496	07/20/06	07/20/06	EPA 3050B	EPA 6010B

ND= Not Detected
RL= Reporting Limit

16.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

California Title 26 Metals

Lab #: 188127		Project#:	16017.06
Client: Acton Mickelson Environmental		Location:	Ft Bragg-Site Assessment
Field ID:	STOCKPILE-4 COMP	Basis:	as received
Lab ID:	188127-025	Diln Fac:	1.000
Matrix:	Miscell.	Sampled:	07/14/06
Units:	mg/Kg	Received:	07/17/06

Analyte	Result	RL	Batch#	Prepared	Analyzed	Prep	Analysis
Antimony	ND	3.0	115622	07/24/06	07/24/06	EPA 3050B	EPA 6010B
Arsenic	5.8	0.25	115622	07/24/06	07/24/06	EPA 3050B	EPA 6010B
Barium	160	0.50	115622	07/24/06	07/24/06	EPA 3050B	EPA 6010B
Beryllium	0.38	0.10	115622	07/24/06	07/24/06	EPA 3050B	EPA 6010B
Cadmium	0.28	0.25	115622	07/24/06	07/24/06	EPA 3050B	EPA 6010B
Chromium	26	0.50	115622	07/24/06	07/24/06	EPA 3050B	EPA 6010B
Cobalt	5.6	1.0	115622	07/24/06	07/24/06	EPA 3050B	EPA 6010B
Copper	31	0.50	115622	07/24/06	07/24/06	EPA 3050B	EPA 6010B
Lead	6.8	0.15	115622	07/24/06	07/24/06	EPA 3050B	EPA 6010B
Mercury	0.049	0.021	115521	07/20/06	07/20/06	METHOD	EPA 7471A
Molybdenum	ND	1.0	115622	07/24/06	07/24/06	EPA 3050B	EPA 6010B
Nickel	19	1.0	115622	07/24/06	07/24/06	EPA 3050B	EPA 6010B
Selenium	ND	0.25	115622	07/24/06	07/24/06	EPA 3050B	EPA 6010B
Silver	ND	0.25	115622	07/24/06	07/24/06	EPA 3050B	EPA 6010B
Thallium	0.27	0.25	115622	07/24/06	07/24/06	EPA 3050B	EPA 6010B
Vanadium	48	0.50	115622	07/24/06	07/24/06	EPA 3050B	EPA 6010B
Zinc	74	1.0	115622	07/24/06	07/24/06	EPA 3050B	EPA 6010B

ND= Not Detected
RL= Reporting Limit

34.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

California Title 26 Metals

Lab #:	188127	Project#:	16017.06
Client:	Acton Mickelson Environmental	Location:	Ft Bragg-Site Assessment
Field ID:	STOCKPILE-5 COMP	Basis:	as received
Lab ID:	188127-026	Sampled:	07/14/06
Matrix:	Miscell.	Received:	07/17/06
Units:	mg/Kg		

Analyte	Result	RL	Diln Fac	Batch#	Prepared	Analyzed	Prep	Analysis
Antimony	ND	3.0	1.000	115622	07/24/06	07/24/06	EPA 3050B	EPA 6010B
Arsenic	8.4	0.25	1.000	115622	07/24/06	07/24/06	EPA 3050B	EPA 6010B
Barium	1,100	0.88	5.000	115622	07/24/06	07/24/06	EPA 3050B	EPA 6010B
Beryllium	0.36	0.10	1.000	115622	07/24/06	07/24/06	EPA 3050B	EPA 6010B
Cadmium	ND	0.25	1.000	115622	07/24/06	07/24/06	EPA 3050B	EPA 6010B
Chromium	28	0.50	1.000	115622	07/24/06	07/24/06	EPA 3050B	EPA 6010B
Cobalt	9.3	1.0	1.000	115622	07/24/06	07/24/06	EPA 3050B	EPA 6010B
Copper	30	0.50	1.000	115622	07/24/06	07/24/06	EPA 3050B	EPA 6010B
Lead	14	0.15	1.000	115622	07/24/06	07/24/06	EPA 3050B	EPA 6010B
Mercury	0.067	0.020	1.000	115521	07/20/06	07/20/06	METHOD	EPA 7471A
Molybdenum	ND	1.0	1.000	115622	07/24/06	07/24/06	EPA 3050B	EPA 6010B
Nickel	29	1.0	1.000	115622	07/24/06	07/24/06	EPA 3050B	EPA 6010B
Selenium	0.51	0.25	1.000	115622	07/24/06	07/24/06	EPA 3050B	EPA 6010B
Silver	ND	0.25	1.000	115622	07/24/06	07/24/06	EPA 3050B	EPA 6010B
Thallium	ND	0.25	1.000	115622	07/24/06	07/24/06	EPA 3050B	EPA 6010B
Vanadium	57	0.50	1.000	115622	07/24/06	07/24/06	EPA 3050B	EPA 6010B
Zinc	170	1.0	1.000	115622	07/24/06	07/24/06	EPA 3050B	EPA 6010B

ND= Not Detected
RL= Reporting Limit

35.0

Lisa Brooker 188773

From: "Tom Carroll" <tcarroll@ameinc.net>
To: "Lisa Brooker" <lisa@ctberk.com>
Cc: <efrosch@ameinc.net>
Sent: Wednesday, August 16, 2006 2:18 PM
Subject: Additional samples for stockpile composite samples

Hi Lisa:
Per our telephone conversation, pleas run for SDG # 188127

188773
-003 Sample Stockpile 5-Comp, please run STLC Barium 188127-026 (comp-018,-019,-020,-021)
-001 Sample Stockpile 1-Comp, please run STLC Cr VI and STLC Lead. If STLC lead >5mg/l, please run TCLP Lead. 188127-002 (comp-001,-002,-003,-004)
-002 Sample Stockpile 2-Comp, please run STLC Lead. If STLC Lead >5 mg/l, please run TCLP Lead. 188127-023 (comp-005,-006,-007,-008)

Put a rush on it please.

Thanks,

Thomas Carroll
Task Manager/Project Geologist
Acton Mickelson Environmental, Inc.
5175 Hillsdale Circle, #100
El Dorado Hills, California 95762
Phone 916/939-7571
Mobile 916/801-9876
Facismile 916/939-7570

SPC

Acton Mickelson • Environmental, Inc.

Chain of Custody and Analysis Request Form

Geotracker Global ID T0604591192

188127

☒ Standard TAT ☐ RUSH TAT ☐ 24 hr. TAT ☐ 48 hr. TAT ☐ 72 hr. TAT ☒ 5 day TAT

 Chain of Custody

Send Results to:
5175 Hillsdale Circle, Suite 100
El Dorado Hills, CA 95762
(916) 939-7550, FAX (916) 939-7570
Attn. Jeff Heglie/Grace Willis

- ☐ Preliminary Fax Result
- ☒ Sample Receipt/ Log-In Confirmation
- ☒ Electronic Data Deliverables
- ☒ Geotracker EDF
- ☐ Raw Data Deliverables
- ☐ Call with Verbal Results

Lab ID (LAB USE ONLY)	Field Point ID	Sample ID	Date Collected	Time Collected	Matrix	Container	Number of Containers	Preservative	Requested Analysis: 8015 TPH/TPH Hawk GW	8270 PAHs	6010 Metals (4-22)	8260 VOCs						Temperature	Comments
-1		Stockpile - 1A	7/14/06	0835	S	SS	1	C	X	X	X	X							CT Quote CT1220509MP01
-2		Stockpile -1B	7/14/06	0835	S	SS	1	C	X	X	X	X							Note: Composite Sample 1A-1D in Lab
-3		Stockpile -1C	7/14/06	0835	S	SS	1	C	X	X	X	X							
-4		Stockpile -1D	7/14/06	0835	S	SS	1	C	X	X	X	X							
-5		Stockpile-2A	7/14/06	0855	S	SS	1	C	X	X	X	X							Note: Composite Sample 2A-2D in Lab
-6		Stockpile -2B	7/14/06	0855	S	SS	1	C	X	X	X	X							
-7		Stockpile -2C	7/14/06	0855	S	SS	1	C	X	X	X	X							
-8		Stockpile -2D	7/14/06	0855	S	SS	1	C	X	X	X	X							
-9		Stockpile-071406TB70	7/14/06	0820	S	SS	1	C				X							
N/A		Temperature	7/14/06	—	W	V	1	C										X	

Signature	Date	Time	Signature	Date	Time
Relinquished by: [signature]	7/17/06	0730	Relinquished by:		
Received by: [signature]	7/17/06	1240	Received by:		
Relinquished by:			Relinquished by:		
Received by:			Received by:		

Matrix: W - Water; DW - Drinking Water; SW - Surface Water; GW - Ground Water; WW - Waste Water; RW - Reagent Water; S - Soil; SE - Sediment; SV - Soil Vapor; AA - Ambient Air; WS - Waste (Solid); O - Other
Container: GB - Glass Bottle (Amber); V - 40 ml VOA Vial; BT, ST, PT - Brass, Steel, and Plastic Tube; P - Polythethylene; GJ - Glass Jar, SC - Summa Canister; TD - Tedlar
Preservative: C - Cold; HS - Sulfuric Acid; HC - Hydrochloric Acid; HN - Nitric Acid; Na - Sodium Hydroxide; O - Other

Project Name and Location: Former Georgia-Pacific Summit
Project Number: 16017.06
Receiving Lab: Curtis & Tompkins
Sampled by: Thomas Carroll (Print Name) [signature] (Signature)

Temp = 4.8°

ORIGINAL – Laboratory (Return with Report) YELLOW - Laboratory PINK - Originator

SPC

Acton Mickelson • Environmental, Inc.

Chain of Custody and Analysis Request Form

Geotracker Global ID T0604591192

☒ Standard TAT ☐ RUSH TAT ☐ 24 hr. TAT ☐ 48 hr. TAT ☐ 72 hr. TAT ☒ 5 day TAT

Page 2 of 2 | Chain of Custody

188127

Send Results to:
5175 Hillsdale Circle, Suite 100
El Dorado Hills, CA 95762
(916) 939-7550, FAX (916) 939-7570
Attn.: Jeff Hoglie/Grace Wilhs

- ☐ Preliminary Fax Result
- ☒ Sample Receipt/ Log-In Confirmation
- ☒ Electronic Data Deliverables
- ☒ Geotracker EDF
- ☐ Raw Data Deliverables
- ☐ Call with Verbal Results

Lab ID (LAB USE ONLY)	Field Point ID	Sample ID	Date Collected	Time Collected	Matrix	Container	Number of Containers	Preservative	8015 TPH, SPH w/ 5 GC	8270 PAH's	6010 Metals CA-22	8260 VOC's							Comments
-10		Stockpile-3A	7/14/06	0922	S	SS	1	C	X	X	X	X							CT Quote CT12200509HP01
-11		Stockpile-3B	7/14/06	0922	S	SS	1	C	X	X	X	X							Note: Composite
-12		Stockpile-3C	7/14/06	0922	S	SS	1	C	X	X	X	X							~~Sample 3A-3D~~ in Lab
-13		Stockpile-3D	7/14/06	0922	S	SS	1	C	X	X	X	X							
-14		Stockpile-4A	7/14/06	0943	S	SS	1	C	X	X	X	X							Note: Composite
-15		Stockpile-4B	7/14/06	0943	S	SS	1	C	X	X	X	X							Sample 4A-4D in Lab
-16		Stockpile-4C	7/14/06	0943	S	SS	1	C	X	X	X	X							Crush concrete
-17		Stockpile-4D	7/14/06	0943	S	SS	1	C	X	X	X	X							

Signature	Date	Time	Signature	Date	Time
Relinquished by: Thomas Carroll	7/17/06	0730	Relinquished by:		
Received by: [illegible]	7/17/06	1240	Received by:		
Relinquished by:			Relinquished by:		
Received by:			Received by:		

Matrix: W - Water; DW - Drinking Water; SW - Surface Water; GW - Ground Water; WW - Waste Water; RW - Reagent Water; S - Soil; SE - Sediment; SV - Soil Vapor; AA - Ambient Air; WS - Waste (Solid); O - Other
Container: GB - Glass Bottle (Amber); V - 40 ml VOA Vial; BT, ST, PT - Brass, Steel, and Plastic Tube; P - Polythethylene; GJ - Glass Jar, SC - Summa Canister; TD - Tedlar
Preservative: C - Cold; HS - Sulfuric Acid; HC - Hydrochloric Acid; HN - Nitric Acid; Na - Sodium Hydroxide; O - Other

Project Name and Location: Former Georgia-Pacific Sawmill
Project Number: 16017.06
Sampled by: Thomas Carroll (Print Name)
Receiving Lab: Curtis & Tompkins
Signature: [illegible]

ORIGINAL – Laboratory (Return with Report) YELLOW - Laboratory PINK - Originator

Acton Mickelson • Environmental, Inc.

Chain of Custody and Analysis Request Form

Geotracker Global ID T0604591192

☒ Standard TAT ☐ RUSH TAT ☐ 24 hr. TAT ☐ 48 hr. TAT ☐ 72 hr. TAT ☒ 5 day TAT

Page 3 of 3 | Chain of Custody

188127

Send Results to:
5175 Hillsdale Circle, Suite 100
El Dorado Hills, CA 95762
(916) 939-7550, FAX (916) 939-7570
Attn: Jeff Hyslie/Grace Williams

- ☐ Preliminary Fax Result
- ☒ Sample Receipt/ Log-In Confirmation
- ☒ Electronic Data Deliverables
- ☒ Geotracker EDF
- ☐ Raw Data Deliverables
- ☐ Call with Verbal Results

Lab ID (LAB USE ONLY)	Field Point ID	Sample ID	Date Collected	Time Collected	Matrix	Container	Number of Containers	Preservative	8015 TPH w/ Silica Gel	8270 PAHs	6010 Metals CA-22	8260 VOCs							Comments
-18	A-	Stockpile-5A	7/14/06	0950	S	SS	1	C	X	X	X	X							CT Quote CT12200509MP01
-19		Stockpile-5B	7/14/06	0950	S	SS	1	C	X	X	X	X							Note: Composite sample 5A-5D in Lab crush concrete
-20		Stockpile-5C	7/14/06	0950	S	SS	1	C	X	X	X	X							
-21		Stockpile-5D	7/14/06	0950	S	SS	1	C	X	X	X	X							
-22		Stockpile-1 Comp																	
-23		Stockpile-2 Comp																	
-24		Stockpile-3 Comp																	
-25		Stockpile-4 comp																	
-26		Stockpile-5 comp																	

A Logging in Stockpile 5 as Concrete not Soil as Cos States.

Signature	Date	Time	Signature	Date	Time
Relinquished by: Thomas Carroll	7/17/06	0730	Relinquished by:		
Received by: [signature]	7/17/06	1240	Received by:		
Relinquished by:			Relinquished by:		
Received by:			Received by:		

RSP

Matrix: W - Water; DW - Drinking Water; SW - Surface Water; GW - Ground Water; WW - Waste Water; RW - Reagent Water; S - Soil; SE - Sediment; SV - Soil Vapor; AA - Ambient Air; WS - Waste (Solid); O - Other
Container: GB - Glass Bottle (Amber); V - 40 ml VOA Vial; BT, ST, PT - Brass, Steel, and Plastic Tube; P - Polythethylene; GJ - Glass Jar, SC - Summa Canister; TD - Tedlar
Preservative: C - Cold; HS - Sulfuric Acid; HC - Hydrochloric Acid; HN - Nitric Acid; Na - Sodium Hydroxide; O - Other

Project Name and Location: Former Georgia-Pacific Sawmill
Project Number: 16017.06
Receiving Lab: Curtis & Tompkins
Sampled by: Thomas Carroll (Print Name) [signature] (Signature)

ORIGINAL – Laboratory (Return with Report) YELLOW - Laboratory PINK - Originator

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Lead

Lab #:	188773	Location:	Ft Bragg-Site Assessment
Client:	Acton Mickelson Environmental	Prep:	EPA 3010A
Project#:	16017.06	Analysis:	EPA 6010B
Analyte:	Lead	Sampled:	07/14/06
Matrix:	TCLP Leachate	Received:	07/17/06
Units:	ug/L	Prepared:	08/25/06
Diln Fac:	10.00	Analyzed:	08/25/06
Batch#:	116808		

Field ID	Type	Lab ID	Result	RL
STOCKPILE-1 COMP	SAMPLE	188773-001	ND	30
STOCKPILE-2 COMP	SAMPLE	188773-002	ND	30
	BLANK	QC353550	ND	30

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Lead

Lab #:	188773	Location:	Ft Bragg-Site Assessment
Client:	Acton Mickelson Environmental	Prep:	EPA 3010A
Project#:	16017.06	Analysis:	EPA 6010B
Analyte:	Lead	Batch#:	116808
Field ID:	ZZZZZZZZZZ	Sampled:	08/08/06
MSS Lab ID:	188807-001	Received:	08/08/06
Matrix:	TCLP Leachate	Prepared:	08/25/06
Units:	ug/L	Analyzed:	08/25/06

Type	Lab ID	MSS Result	Spiked	Result	RL	%REC	Limits	RPD	Lim	Diln Fac
BS	QC353551		2,000	2,052		103	80-120			1.000
BSD	QC353552		2,000	2,094		105	80-120	2	20	1.000
SDUP	QC353553	458.8		484.6	30.00			5	20	10.00
SSPIKE	QC353554	458.8	2,000	2,535		104	70-120			10.00

RL= Reporting Limit
RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Barium

Lab #:	188773	Location:	Ft Bragg-Site Assessment
Client:	Acton Mickelson Environmental	Prep:	WET
Project#:	16017.06	Analysis:	EPA 6010B
Analyte:	Barium	Batch#:	116626
Field ID:	STOCKPILE-5 COMP	Sampled:	07/14/06
Matrix:	WET Leachate	Received:	07/17/06
Units:	ug/L	Prepared:	08/22/06
Diln Fac:	10.00	Analyzed:	08/22/06

Type	Lab ID	Result	RL
SAMPLE	188773-003	60,000	250
BLANK	QC352809	ND	250
BLANK	QC352820	ND	250

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Barium

Lab #:	188773	Location:	Ft Bragg-Site Assessment
Client:	Acton Mickelson Environmental	Prep:	WET
Project#:	16017.06	Analysis:	EPA 6010B
Analyte:	Barium	Batch#:	116626
Field ID:	ZZZZZZZZZZ	Sampled:	08/15/06
MSS Lab ID:	188758-001	Received:	08/15/06
Matrix:	WET Leachate	Prepared:	08/22/06
Units:	ug/L	Analyzed:	08/22/06

Type	Lab ID	MSS Result	Spiked	Result	RL	%REC	Limits	RPD	Lim	Diln Fac
BS	QC352810		2,000	2,162		108	80-120			1.000
BSD	QC352811		2,000	2,142		107	80-120	1	20	1.000
SDUP	QC352812	4,948		4,587	250.0			8	20	10.00
SSPIKE	QC352813	4,948	10,000	14,470		95	78-120			10.00

RL= Reporting Limit
RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Lead

Lab #:	188773	Location:	Ft Bragg-Site Assessment
Client:	Acton Mickelson Environmental	Prep:	WET
Project#:	16017.06	Analysis:	EPA 6010B
Analyte:	Lead	Sampled:	07/14/06
Matrix:	WET Leachate	Received:	07/17/06
Units:	ug/L	Prepared:	08/22/06
Diln Fac:	10.00	Analyzed:	08/22/06
Batch#:	116626		

Field ID	Type	Lab ID	Result	RL
STOCKPILE-1 COMP	SAMPLE	188773-001	8,000	150
STOCKPILE-2 COMP	SAMPLE	188773-002	14,000	150
	BLANK	QC352809	ND	150
	BLANK	QC352820	ND	150

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Lead

Lab #:	188773	Location:	Ft Bragg-Site Assessment
Client:	Acton Mickelson Environmental	Prep:	WET
Project#:	16017.06	Analysis:	EPA 6010B
Analyte:	Lead	Batch#:	116626
Field ID:	ZZZZZZZZZZ	Sampled:	08/15/06
MSS Lab ID:	188758-001	Received:	08/15/06
Matrix:	WET Leachate	Prepared:	08/22/06
Units:	ug/L	Analyzed:	08/22/06

Type	Lab ID	MSS Result	Spiked	Result	RL	%REC	Limits	RPD	Lim	Diln Fac
BS	QC352810		2,000	2,102		105	80-120			1.000
BSD	QC352811		2,000	2,094		105	80-120	0	20	1.000
SDUP	QC352812	11,920		10,950	150.0			8	20	10.00
SSPIKE	QC352813	11,920	10,000	20,210		83	70-120			10.00

RL= Reporting Limit
RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Hexavalent Chromium

Lab #:	188773	Location:	Ft Bragg-Site Assessment
Client:	Acton Mickelson Environmental	Analysis:	EPA 7196A
Project#:	16017.06		

Analyte:	Hexavalent Chromium	Batch#:	116592
Field ID:	STOCKPILE-1 COMP	Sampled:	07/14/06 08:35
Matrix:	WET DI Leachate	Received:	07/17/06
Units:	mg/L	Analyzed:	08/21/06 12:20
Diln Fac:	1.000		

Type	Lab ID	Result	RL
SAMPLE	188773-001	ND	0.01
BLANK	QC352644	ND	0.01

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Hexavalent Chromium

Lab #:	188773	Location:	Ft Bragg-Site Assessment
Client:	Acton Mickelson Environmental	Analysis:	EPA 7196A
Project#:	16017.06		
Analyte:	Hexavalent Chromium	Diln Fac:	1.000
Field ID:	STOCKPILE-1 COMP	Batch#:	116592
MSS Lab ID:	188773-001	Sampled:	07/14/06 08:35
Matrix:	WET DI Leachate	Received:	07/17/06
Units:	mg/L	Analyzed:	08/21/06 12:20

Type	Lab ID	MSS Result	Spiked	Result	%REC	Limits	RPD	Lim
LCS	QC352645		0.8420	0.8173	97	90-110		
MS	QC352646	<0.01000	0.8420	0.8058	96	85-115		
MSD	QC352647		0.8420	0.8058	96	85-115	0	20

RPD= Relative Percent Difference