

ST 2002

METRIC

Corporation ENVIRONMENTAL ENGINEERING AND SCIENCE

8429 WASHINGTON PLACE NE, SUITE A
ALBUQUERQUE, NEW MEXICO 87113
Phone: (505) 828-2801
Fax: (505) 828-2803

January 28, 2002

State of New Mexico
Environment Department
Hazardous Waste Bureau
4131 Montgomery Blvd. NE
Albuquerque, NM 87109

NM ENVIRONMENT DEPARTMENT
RECEIVED

JAN 29 2002

DISTRICT 1 OFFICE

Attention: Robert Warder

Dear Sir:

Enclosed is the laboratory report for the composite soil sample collected from the upper one foot of soil which was beneath the Sparton Technology, Inc. Coors Road Facility Old Drum Storage Area cap. The soil sample was collected on December 29, 2001, and was tested for lead (TCLP). The result is:

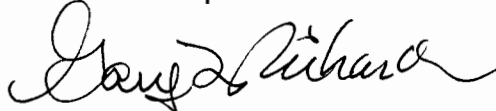
Lead (TCLP) <0.025 mg/l

This is less than the regulatory action level for lead of 5 mg/l. As a result, it is Sparton's intention to haul the soil to a regular landfill.

If you have any questions, please contact us.

Sincerely,

METRIC Corporation



Gary L. Richardson, P.E.
Executive Vice President

GLR/rkh

Enclosure

cc: Jan Appel
Jim Harris
Charles Stranko

METRIC

Corporation ENVIRONMENTAL ENGINEERING AND SCIENCE

8429 WASHINGTON PLACE NE, SUITE A
ALBUQUERQUE, NEW MEXICO 87113
Phone: (505) 828-2801
Fax: (505) 828-2803

CERTIFICATE OF CLEAN CLOSURE OLD DRUM STORAGE AREA SPARTON TECHNOLOGY, INC. COORS ROAD FACILITY ALBUQUERQUE, NEW MEXICO

During the period December 19, 2001 to December 31, 2001 Rodgers Plumbing and Heating Co., Inc., acting as a Contractor to Sparton Technology, Inc., closed the Old Drum Storage Area at the Coors Road Facility. The Old Drum Storage Area had been used for storage of hazardous waste drums prior to off-site disposal. The area was also used for storage of non-hazardous industrial wastes including scrap metals being accumulated for recycling.

The closure consisted of removal of the existing fence and 8 in. thick concrete cap, removal of the upper 12 in. of soil beneath the cap, backfilling the excavation with clean fill obtained from the site, and covering the fill with 2 in. of gravel.

The work was monitored by representatives of METRIC Corporation, acting as Contractor to Sparton Technology, Inc. Based on the observations obtained, it is the professional opinion of the undersigned that the Old Drum Storage Area was closed in substantial compliance with the "Old Drum Storage Area Clean Closure Work Plan, Sparton Technology, Inc.", contained in the Gary L. Richardson letter to Robert Warder dated December 27, 2001.

METRIC Corporation



Gary L. Richardson 12-31-01
Gary L. Richardson, P.E.
Certificate Number 6436



2709-D Pan American Freeway NE
Albuquerque, New Mexico 87107
Phone (505) 344-3777
Fax (505) 344-4413

PL I.D. 112107

January 15, 2002

Metric Corporation
8429 Washington Place NE Suite A
Albuquerque, NM 87113

Project Name/Number: SPARTON ODSA

Attention: Gary Richardson

On 12/31/01, Pinnacle Laboratories Inc., (ADHS License No. AZ0592 pending), received a request to analyze **non-aqueous** samples. The samples were analyzed with EPA methodology or equivalent methods. The results of these analyses and the quality control data, which follow each set of analyses, are enclosed.

All analyses were performed by Severn Trent Laboratories Inc. Pensacola, FL.

If you have any questions or comments, please do not hesitate to contact us at (505) 344-3777.

A handwritten signature in black ink, appearing to read "H. Mitchell Rubenstein".

H. Mitchell Rubenstein, Ph.D.
General Manager

MR:jt

Enclosure

STL Pensacola

LOG NO: C2-01007
Received: 03 JAN 02
Reported: 10 JAN 02

Ms. Jacinta Tenorio
Pinnacle Laboratories
2709-D Pan American Freeway Northeast
Albuquerque, NM 87107

Project: 112107, MC-SPARTAN-ODSA
Sampled By: Client
Code: 115020110
Page 1

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE/ TIME SAMPLED
01007-1	ODSA-1/112107-01	12-29-02/09:30
PARAMETER		01007-1
Lead (TCLP) (6010B), mg/l		<0.025
Dilution Factor		5
Prep Date		01.04.01
Analysis Date		01.07.02
Batch ID		PT002
Prep Method		3010A
Analyst		CH

STL Pensacola

LOG NO: C2-01007
 Received: 03 JAN 02
 Reported: 10 JAN 02

Ms. Jacinta Tenorio
 Pinnacle Laboratories
 2709-D Pan American Freeway Northeast
 Albuquerque, NM 87107

Project: 112107, MC-SPARTAN-ODSA
 Sampled By: Client
 Code: 115020110

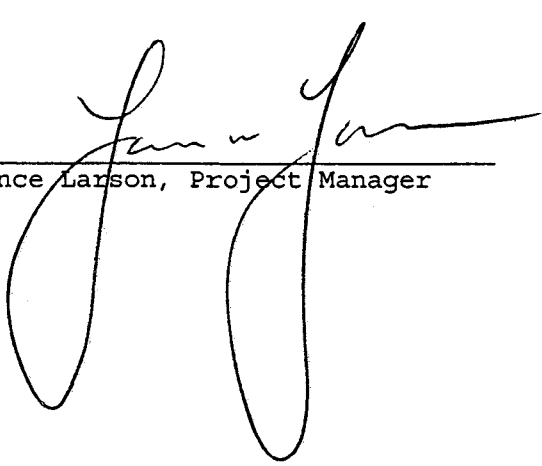
REPORT OF RESULTS

Page 2

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR SOLID/SEMISOLID	DATE/ TIME SAMPLED			
01007-2	Method Blank				
01007-3	Lab Control Standard % Recovery				
01007-4	Matrix Spike % Recovery				
01007-5	Matrix Spike Duplicate % Recovery				
PARAMETER		01007-2	01007-3	01007-4	01007-5
Lead (TCLP) (6010B), mg/l		<0.025	108 %	109 %	108 %
Dilution Factor		5	5	5	5
Prep Date		01.04.01	01.04.01	01.04.01	01.04.01
Analysis Date		01.07.02	01.07.02	01.07.02	01.07.02
Batch ID		PT002	PT002	PT002	PT002
Prep Method		3010A	3010A	3010A	3010A
Analyst		CH	CH	CH	CH

These test results meet all the requirements of NELAC. All questions regarding this test report should be directed to the STL Project Manager who signed this test report.

See the Project Sample Inspection Form (PSIF) to determine if a sample was received that did not meet EPA requirements for sample collection, preservation, or holding time.


 Lance Larson, Project Manager

Final Page Of Report

STL Pensacola PROJECT SAMPLE INSPECTION FORM



Lab Order #: C201007 Date Received: 1-3-02

- | | |
|--|--|
| <p>1. Was there a Chain of Custody? <input checked="" type="radio"/> Yes No*</p> <p>2. Was Chain of Custody properly filled out and relinquished? <input checked="" type="radio"/> Yes No*</p> <p>3. Were samples received cold? (Criteria: 2° - 6°C: STL-SOP) <input checked="" type="radio"/> Yes No* N/A</p> <p>4. Were all samples properly labeled and identified? <input checked="" type="radio"/> Yes No*</p> <p>5. Did samples require splitting or compositing*? Yes* <input checked="" type="radio"/> No</p> <p>6. Were samples received in proper containers for analysis requested? Req By: PM Client Other* <input checked="" type="radio"/> Yes No*</p> <p>7. Were all sample containers received intact? <input checked="" type="radio"/> Yes No*</p> | <p>8. Were samples checked for preservative? (Check pH of all H₂O requiring preservative (STL-PN SOP 917) except VOA vials that require zero headspace)* Yes No* <input checked="" type="radio"/> N/A</p> <p>9. Is there sufficient volume for analysis requested? <input checked="" type="radio"/> Yes No* N/A (Can)</p> <p>10. Were samples received within Holding Time? (REFER TO STL-SOP 1040) <input checked="" type="radio"/> Yes No*</p> <p>11. Is Headspace visible > ¼" in diameter in VOA vials?* If any headspace is evident, comment in out-of-control section. Yes* No <input checked="" type="radio"/> N/A</p> <p>12. If sent, were matrix spike bottles returned? Yes No* <input checked="" type="radio"/> N/A</p> <p>13. Was Project Manager notified of problems? (initials: _____) Yes No* <input checked="" type="radio"/> N/A</p> |
|--|--|

Airbill Number(s): 12 878 168 01 4392 6925

Shipped By: WPS

Cooler Number(s): Client

Shipping Charges: N/A

Cooler Weight(s): 30 #

Cooler Temp(s) (°C): 2.0°C
^{SKD} 1302 eck9 cck11
 (LIST THERMOMETER NUMBER(S) FOR VERIFICATION)

Out of Control Events and Inspection Comments:

(USE BACK OF PSIF FOR ADDITIONAL NOTES AND COMMENTS)

Inspected By: SAD Date: 1-3-02

Logged By: hkh Date: 03-Jan-01

- * Note all Out-of-Control and/or questionable events on Comment Section of this form. For holding times, the analytical department will flag immediate hold time samples (pH, Dissolved O₂, Residual CL) as out of hold time, therefore, these samples will not be documented on this PSIF.
- * If Other, note who requested the splitting or compositing of samples on the Comment Section of this form. All volatile samples requested to be split or composited must be done in the Volatile Lab. Document: "Volatile sample values may be compromised due to sample splitting [compositing]"
- + All preservatives for the State of North Carolina, the State of New York, and other requested samples are to be recorded on the sheet provided to record pH results (STL-SOP 938, section 2.2.9).
- * According to EPA, ¼" of headspace is allowed in 40 ml vials requiring volatile analysis, however, STL makes it policy to record any headspace as out-of-control (STL-SOP 938, section 2.2.12).



Network Project Manager: Jacinta A. Tenorio					ANALYSIS REQUEST																					
Pinnacle Laboratories, Inc. 2709-D Pan American Freeway, NE Albuquerque, New Mexico 87107 (505) 344-3777 Fax (505) 344-4413 Need verbals 1/10/02. C201007					Metals (8) RCRA	RCRA TCLP METALS	Metals-13 PP List	Metals-TAL (23 METALS)	TCLP Lead	TOX	TOC	Gen Chemistry:	Oil and Grease	Volatile Organics GC/MS (8260)	BOD	COD	PESTICIDES/PCB (608/8082)	Herbicides (615/8151)	PNA (8310)/8270 SIMS	8240 (TCLP 1311) ZHE	Base/Neutral Acid Compounds GC/MS (625/6270)	URANIUM (ICP-MS)	RADIUM 226+228	Gross Alpha/Beta	TO-14	NUMBER OF CONTAINERS
					SAMPLE ID	DATE	TIME	MATRIX	LAB ID																	
ODSA-1/112107-01	12/29	0930	NAQ					X																		

PROJECT INFORMATION		SAMPLE RECEIPT		SAMPLES SENT TO:		RELINQUISHED BY: 1		RELINQUISHED BY: 2	
PROJECT #: 112107	Total Number of Containers		PENSACOLA - STL-FL	X	Signature: <i>Jacinta Tenorio</i>	Time: 1700	Signature:	Time:	
PROJ. NAME: MC	Chain of Custody Seals		ESL - OR		Printed Name: <i>Jacinta Tenorio</i>	Date: 1/2/02	Printed Name:	Date:	
QC LEVEL: <u>STD</u> IV	Received Intact?		STL - CT		Pinnacle Laboratories, Inc.		Company		
QC REQUIRED: MS MSD BLANK	Received Good Cond./Cold		ATEL - AZ		RECEIVED BY: 1		RECEIVED BY: 2		
TAT: STANDARD <u>RUSH!</u>	LAB NUMBER:		ATEL - MARION		Signature: <i>Sandra Dixon</i>	Time: 9:45	Signature:	Time:	
DUE DATE: 1/10	COMMENTS: RUSH!		ATEL - MELMORE		Printed Name: <i>Sandra Dixon</i>	Date: 1-3-02	Printed Name:	Date:	
RUSH SURCHARGE: 5090			BARRINGER		Company		Company		
CLIENT DISCOUNT: —			ENVIRO TEST LABS						
SPECIAL CERTIFICATION			WCAS						
REQUIRED: YES <u>NO</u>			WOHL						



Pinnacle Laboratories Inc.

CHAIN OF CUSTODY

DATE: _____ PAGE: 1 OF 1

PLI Accession #: 112107

SHADED AREAS ARE FOR LAB USE ONLY

PROJECT MANAGER: G. Richardson

COMPANY: Metric Corp

ADDRESS: 8429 Washington Pl. NE. #A
Albuquerque, N.M. 87113

PHONE: 505-828-2801

FAX: - 2803

BILL TO: SAME

COMPANY: _____

ADDRESS: _____

ANALYSIS REQUEST	
Petroleum Hydrocarbons (418.1) TRPH (MOD.8015) Diesel/Direct Inject	
(M8015) Gas/Purge & Trap	
8021 (BTEX)/8015 (Gasoline) MTBE	
8021 (BTEX) <input type="checkbox"/> MTBE <input type="checkbox"/> TMB <input type="checkbox"/> PCE	
8021 (TCL)	
8021 (EDX)	
8021 (HALO)	
8021 (CUST)	
504.1 EDB <input type="checkbox"/> / DBCP <input type="checkbox"/>	
8260 (TCL) Volatile Organics	
8260 (Full) Volatile Organics	
8260 (CUST) Volatile Organics	
8260 (Landfill) Volatile Organics	
Pesticides / PCB (608/8081/8082)	
Herbicides (615/8151)	
Base/Neutral/Acid Compounds GC/MS (625/8270)	
Polynuclear Aromatics (610/8310/8270-SIMS)	
General Chemistry:	
Priority Pollutant Metals (13)	
Target Analyte List Metals (23)	
RCRA Metals (8)	
RCRA Metals by TCLP (Method 1311)	
Metals:	
TCLP Lead	X
NUM OF CONTAINERS	2

SAMPLE ID	DATE	TIME	MATRIX	LAB ID
ODSA - 1	12/29/01	0930	Soil	97

PLEASE FILL THIS FORM IN COMPLETELY.

PROJECT INFORMATION		PRIOR AUTHORIZATION IS REQUIRED FOR RUSH PROJECTS		RELINQUISHED BY: 1		RELINQUISHED BY: 2	
PROJ. NO.:		(RUSH) <input type="checkbox"/> 24hr <input type="checkbox"/> 48hr <input type="checkbox"/> 72hr <input checked="" type="checkbox"/> 1 WEEK	(NORMAL) <input type="checkbox"/>	Signature:	Time:	Signature:	Time:
PROJ. NAME: <u>Spartan ODSA</u>		CERTIFICATION REQUIRED: <input type="checkbox"/> NM <input type="checkbox"/> SDWA <input type="checkbox"/> OTHER		<u>G. Richardson</u>	<u>0819</u>		
P.O. NO.:		METHANOL PRESERVATION <input type="checkbox"/>		Printed Name:	Date: <u>12/3/01</u>	Printed Name:	Date:
SHIPPED VIA:		COMMENTS: FIXED FEE <input type="checkbox"/>		<u>Joseph E Sandoval</u>			
SAMPLE RECEIPT				Company: <u>Metric Corp</u>		Company:	
NO. CONTAINERS	<u>2</u>			See reverse side (Force Majeure)			
CUSTODY SEALS	<u>MINNA</u>			RECEIVED BY: 1		RECEIVED BY: (LAB) 2	
REQ. WGT. INACT	<u>Y</u>			Signature:	Time:	Signature:	Time:
BLU. CODE	<u>203</u>			Printed Name:	Date:	<u>Erica Prince</u>	<u>8-21</u>
				Company:		Printed Name:	Date: <u>12-31-01</u>
						Pinnacle Laboratories Inc.	