



CDM FEDERAL PROGRAMS CORPORATION
a subsidiary of Camp Dresser & McKee Inc.

February 28, 1995

Ms. Kathy Kinsella
RSCC, Lockheed
450 Raritan Center Parkway
Edison, New Jersey 08837

PROJECT: ARCS II, EPA Contract No.: 68-W9-0024
Work Assignment No.: 078-2PN7
Virgin Island Chemical Site
St. Croix, U.S. Virgin Islands

DOCUMENT NO.: 7720-078-EP-CDWM

SUBJECT: Completed CLP Paperwork and Sampling Trip Report for Case
Number 23237

Dear Ms. Kinsella:

Please find enclosed the completed CLP paperwork (Organic and Inorganic Traffic Report & Chain of Custody Record) and Sampling Trip Report, RAS case number 23237, for two ground water samples, one rinsate blank and one trip blank collected on February 15 and February 16, 1995 at the Virgin Island Chemical Site in St. Croix, U.S. Virgin Islands. If you have any questions, please call me at (212) 393-9634.

Sincerely,

CDM FEDERAL PROGRAMS CORPORATION

Pamela J. Philip
Pamela Philip
Work Assignment Manager

Enclosure

cc: S. Henry, EPA Work Assignment Manager (w/o attachment) ✓
R. Goltz, ARCS II Project Manager (w/o attachment)
Scott Kirchner, CDM Federal, NWJY
Document Control, CDM Federal (2 Copies)

300242

**SAMPLING TRIP REPORT
VIRGIN ISLAND CHEMICAL SITE
ST. CROIX, U.S. VIRGIN ISLANDS**

Prepared for

**U.S. ENVIRONMENTAL PROTECTION AGENCY, REGION II
290 Broadway
New York, New York 10007-1866**

EPA Work Assignment No.	: 078-2PN7
EPA Region	: II
Contract No.	: 68-W9-0024
CDM Federal Programs Corporation Document No.	: 7720-078-EP-CDWM
Prepared By	: CDM FEDERAL PROGRAMS CORPORATION
Work Assignment Manager	: Pamela Philip
Telephone Number	: (212)393-9634
EPA Work Assignment Manager	: Ms. Sherrel Henry
Telephone Number	: (212) 264-8675
Date Prepared	: February 28, 1995

300243

SAMPLING TRIP REPORT

Site Name: Virgin Island Chemical Site
Work Assignment No.: 078-2PN7
Sampling Dates: February 15 & February 16, 1995
RAS Case No.: 23237

1. **Site Location:** St. Croix, U.S. Virgin Islands
2. **Sampling Locations:** See Tables 1 & 2
3. **Sample Descriptions:**

CDM Programs Corporation (CDM Federal) accepted two split ground water samples and submitted them for analysis of Target Compound List (TCL) volatile organic compounds, semivolatiles organic compounds, pesticide/PCBs, and Target Analyte List (TAL) total metals and cyanide. One field blank was also submitted for TCL/TAL analysis. One trip blank was also submitted for TCL VOA. Samples for TCL pesticide/PCBs and TAL cyanide were submitted to Contract Laboratory Program laboratories for routine analytical services (RAS). Samples for the remaining parameters were submitted to EPA's ESD Laboratories for analysis. The samples were collected by the PRP's contractor, Harding Lawson Associates (HLA).

It should be noted that due to sampling difficulties, CDM Federal missed the last Federal Express shipment off of St. Croix. The split samples, MW3 and RWGW021595, were shipped the following day with split sample MW1. The samples were stored on ice until the next day's shipment.

Sample numbers, locations, matrix types, airbill numbers and sampling and shipping dates are provided in Tables 1 and 2. Copies of the Federal Express Airbills and Organic and Inorganic Traffic Report and Chain of Custody Records are included as Attachment I.

4. Laboratories Receiving Samples:

TCL Pest/PCB
RAS Case No.: 23237

Compuchem Environmental Corp.
3306 Chapel Hill/Nelson Highway
Research Triangle Park, NC 27709-4998
Phone: (919) 406-2401

TAL Cyanide
RAS Case No.: 23237

TMA Skinner & Sherman Labs, Inc.
300 Second Ave.
Waltham, MA 02254
Phone: (617) 890-7200

TCL - VOC & SVOC / TAL Metals
RAS Case No.: 23237

U.S. Environmental Protection Agency
ESD Laboratories
2890 Woodbridge Ave. Bldg 209
Edison, NJ 08837
Phone: (908) 906-6831

5. Sample Dispatch Data:

CDM Federal shipped all split samples via Federal Express Priority Overnight on the dates listed in the attached table.

6. Sampling Personnel:

Jim Collins and Steve Brueckner of HLA were responsible for collecting ground water and equipment rinsate samples. Prasanna Mysore of CDM Federal was responsible for accepting split samples from HLA.

TABLE 1
ISLAND CHEMICALS SPLIT SAMPLE SUMMARY FOR TCL PESTICIDE/PCB

Sample No.	Pest./PCB	Sampling Date	Matrix	Airbill No.	Date Shipped	Sample Location
BHN81	X	2/15/95	Aqueous	40018633451	2/16/95	MW3 *
BHN82	X	2/15/95	Aqueous	40018633451	2/16/95	RBGW 021595
BHN83	X	2/16/95	Aqueous	40018633451	2/16/95	MW1

* MS/MSD

TABLE 2
ISLAND CHEMICAL SPLIT SAMPLE SUMMARY FOR TAL CYANIDE

Sample No.	Sampling Date	Matrix	Airbill No.	Date Shipped	Sample Location
MBFF01	02/15/95	Aqueous	40018633462	2/16/95	MW3 *
MBFF02	02/15/95	Aqueous	40018633462	2/16/95	RBGW 021595
MBFF03	02/16/95	Aqueous	40018633462	2/16/95	MW1

* MS/MSD

ATTACHMENT 1

**ORGANIC AND INORGANIC TRAFFIC REPORTS &
CHAIN OF CUSTODY RECORD**

Organic Traffic Report & Chain of Custody Record

(For Organic CLP Analysis)

SAS No.
(if applicable)

Case No.

23237

1. Project Code	Account Code	2. Region No.	Sampling Co.	4. Date Shipped	Carrier	6. Preservative (Enter in Column D)	7. Sample Description (Enter in Column A)
		2	A CDM	021595	FED EX		
Regional Information		Sampler (Name)		Airbill Number			
		Prorance Hysore		400-1863-3451		1. HCl 2. HNO ₃ 3. NaHSO ₄ 4. H ₂ SO ₄ 5. Other (Specify) 6. Ice only N. Not preserved	1. Surface Water 2. Ground Water 3. Leachate 4. Rinse 5. Soil/Sediment 6. Oil (High only) 7. Waste (High only) 8. Other (Specify)
Non-Superfund Program		Sampler Signature		5. Ship To			
		Prorance Hysore		Campuchem Env. Corp. 3306 Chapel Hill/Nelson Hwy Research Triangle Park NC 27709-4978 ATTN: sample custodian			
Site Name		3. Type of Activity					
ISLAND CHEMICALS		Remedial Removal Lead Pre-Remedial RIFS CLEM SF ☐ ☐ RD ☒ REMA PRP ☐ PA ☐ RA ☐ REM ST ☐ SS ☐ O&M ☐ OIL FED ☐ LSI ☐ NPLD ☐ UST					
City, State	Site Spill ID						
SLC R01X, US01	2PN7						

[illegible]

CHAIN OF CUSTODY RECORD

Relinquished by: (Signature) <i>James J. Collins</i> (HLA)	Date / Time 02/15/95 16:00	Received by: (Signature) <i>Prasanna Hyman</i>	Relinquished by: (Signature) <i>Prasanna Hyman</i>	Date / Time 02/15/95 1500	Received by: (Signature) FEDEX.
Relinquished by: (Signature) <i>James J. Collins</i> (HLA)	Date / Time 02/16/95 12:30	Received by: (Signature) <i>Prasanna Hyman</i>	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Relinquished by: (Signature)	Date / Time	Received for Laboratory by: (Signature)	Date / Time	Remarks	Is custody seal intact? Y/N/none

EPA Form 9110-2 (Rev. 5-91) Replaces EPA Form (2075-7), previous edition which may be used

DISTRIBUTION:

Blue - Fingerprint Copy Pink - SMO Copy White - Lab Copy for Return to Region Yellow - Lab Copy for Return to SMO

Split Samples ☒ Accepted (Signature) Prerna Nigam
☐ Declined

SEE REVERSE FOR ADDITIONAL STANDARD INSTRUCTIONS

0338587

300249



United States Environmental Protection Agency
Contract Laboratory Program Sample Management Office
PO Box 818 Alexandria, VA 22313
703-557-2490 FTS 557-2490

Inorganic Traffic Report & Chain of Custody Record

(For Inorganic CLP Analysis)

SAS No.
(If applicable)

Case No.

23237

1. Project Code	Account Code	2. Region No. 2	Sampling Co. ACDM	4. Date Shipped 02/15/85	Carrier FED EX	6. Preservative (Enter in Column D) 1. HCl 2. HNO3 3. NaOH 4. H2O2 5. K2S2O8 6. Ice only 7. Other (Specify) N Not preserved	7. Sample Description (Enter in Column A) 1. Surface Water 2. Ground Water 3. Leachate 4. Filtrate 5. Soil/Sediment 6. Oil (High only) 7. Waste (High only) 8. Other (Specify)				
Regional Information		Sampler (Name) PRANNA MYJOL		Airbill Number 400-1863-3462							
Non-Superfund Program		Sampler Signature Pranna Myjola		5. Ship To TMA SKINNER & STEAMER 300 Second Ave. WALTHAM, MA 02154							
Site Name ISLAND CHEMICAL		3. Type of Activity Lead ☐ Pre-Remedial ☐ RIFS ☐ CLEM ☐ SF ☐ PA ☐ RA ☐ REM ☐ PRP ☐ SS ☐ O&M ☐ OIL ☐ ST ☐ LSI ☐ NPLD ☐ UST ☐		ATTN: SAMPLE CUSTODIAN							
City, State ST. LOUIS, MO	Site Spill ID 2PN7										
CLP Sample Numbers (from labels)	A Enter # from Box 7	B Conc. Low Med High	C Sample Type: Comp./Grab	D Preservative from Box 6	E - RAS Analysis Metals: Total ☐ Dissolved ☐ Cyanide ☐ Nitrate ☐ Nitrite ☐ Fluoride ☐ pH ☐ Conductivity ☐ Low Conc. only ☐ High only ☐	F Regional Specific Tracking Number or Tag Numbers	G Station Location Number	H Mo/Day/Year/Time Sample Collection	I Sampler Initials	J Corresp. CLP Org. Samp. No.	K Enter Appropriate Qualifier for Designated Field QC B - Blank S - Spike D - Duplicate PE - Performed Eval. -- = Not a QC Sample
MBFF01	2	low	GRAB	3	X	46751					
MBFF02	2	low	GRAB	3	X	46738	MW3	0215951450	MW	BHN81	5 sample + m + w
MBFF03	2	low	GRAB	3	X	46750	ROGW021595	0215951230	MW	BHN82	Field blank B
						46760	MW1	0216951100	MW	BHN83	
Shipment for Case complete? (Y/N) ☒											
Page 1 of 1		Sample used for a spike and/or duplicate MBFF01 MS/MSD		Additional Sampler Signatures		Chain of Custody Seal Number					

CHAIN OF CUSTODY RECORD

Relinquished by: (Signature) James Y. Collins (HCA)	Date / Time 021595 16:00	Received by: (Signature) Pranna Myjola	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Relinquished by: (Signature) James Y. Collins (HCA)	Date / Time 021695 12:30	Received by: (Signature) Pranna Myjola	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Relinquished by: (Signature) Pranna Myjola	Date / Time 021695 1500	Received for Laboratory by: (Signature) FED.	Date / Time	Remarks	Is custody seal intact? Y/N/none

EPA Form 8110-1 (Rev. 5-91) Replaces EPA Form (2075-6), previous edition which may be used

DISTRIBUTION:
Green - Region
Pink - SMO Copy
White - Lab Copy for return to Region
Yellow - Lab Copy for Return

Split Samples ☒ Accepted (Signature) Pranna Myjola
☐ Declined

SEE REVERSE FOR ADDITIONAL STANDARD INSTRUCTIONS

1227220

300250

FEDERAL EXPRESS		INTERNATIONAL AIRWAYBILL	
Date of Shipment 21638-51X		Station I.D. 193-41473	
FROM (Your Name) Place and Company H. L. ...		Exact Street Address ...	
Exact Street Address ...		City ...	
Country ...		...	
PACKAGING FEDER ...		...	
DELIVERY INSTRUCTIONS ...		...	
DANGEROUS GOODS ...		...	
TRANSPORTATION CHARGES ...		...	
PIN in PEDEX Acct. or Credit Card No. ...		...	
Exp. Date ...		Approval Code ...	

FEDERAL EXPRESS		CALL YOUR LOCAL OFFICE FOR INFORMATION ON ACCOUNTS		INTERNATIONAL AIRWAYBILL	
Date of Shipment		10/2/81		10/2/81	
1 Sender's Office or Home Address		1430 4th St		2 Receiver's Office or Home Address	
FROM (Your Office) Please Print		7000 Astoria Ave		3 TO (Receiver's Office) Please Print	
Company		Dept. Floor 15		4 Receiver's Office or Home Address	
Exact Street Address		St. Louis, Mo. 63103		5 Receiver's Office or Home Address	
Exact Street Address		St. Louis, Mo. 63103		6 Receiver's Office or Home Address	
City		St. Louis, Mo.		7 Receiver's Office or Home Address	
Country		USA		8 Receiver's Office or Home Address	
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FEDERAL		CALL YOUR LOCAL FEDEX OFFICE FOR INFORMATION OR ASSISTANCE		INTERNATIONAL AIR WAYBILL	
DATE OF SHIPMENT		ORIGIN STATION (FedEx Use Only)		PACKAGE TRACKING NUMBER	
02/16/95		51X		400 1863 3156	
Sender's Federal Express Account Number		Phone Number (Very Important)		TO (Recipient's Name) Please Print	
1430 41093				Sample Sustained	
FROM (Your Name) Please Print		Company		US EPA	
PRASHANA MYNICK				ES DUTRA-BRATIS RIG	
Exact Street Address		Exact Street Address		2890 WOODBRIDGE AVE BLOCK 9	
HUTCHINSON CANAL				EDENHALL	
Exact Street Address		City		USA	
CHRISTIANSTEDT		ST. JOHN		08837	
Country		Postal Code		Sender's Phone Number (Very Important to Ensure Delivery)	
US VI		00837			
Sender Internal Billing Reference Information (Optional) (First 34 Characters Will Appear on Invoice)		Broker Postal Code		SHIPMENT INFORMATION	
7720078				Number of Packages	
SERVICES				Total Weight	
International Priority				3156	
PACKAGING		DESCRIPTION		Complete Description of Contents (International Code)	
FEDEX Envelope		International Priority		WATER TIGHT	
DELIVERY/HANDLING INSTRUCTIONS		DANGER		By giving us your shipment, you agree to the conditions on the back of the Non-Receiptable Air Waybill.	
Tick boxes required		DANGER		Certain international treaties, including the Warsaw Convention, apply to international air transport and limit our liability for damage, loss or delay as described in the Conditions of Contract.	
Broker Selection		DANGER		SENDER'S SIGNATURE	
DANGER		DANGER		By giving us your shipment, you agree to the conditions on the back of the Non-Receiptable Air Waybill.	
TRANSPORTATION CHARGES		DANGER		SENDER'S SIGNATURE	
Bill Sender		DANGER		By giving us your shipment, you agree to the conditions on the back of the Non-Receiptable Air Waybill.	
Bill Recipient		DANGER		SENDER'S SIGNATURE	
Bill 3rd Party		DANGER		By giving us your shipment, you agree to the conditions on the back of the Non-Receiptable Air Waybill.	
Fill in FEDEX Acct. or Credit Card No.		DANGER		SENDER'S SIGNATURE	
Exp. Date		DANGER		By giving us your shipment, you agree to the conditions on the back of the Non-Receiptable Air Waybill.	
Approval Code		DANGER		SENDER'S SIGNATURE	
		DANGER		By giving us your shipment, you agree to the conditions on the back of the Non-Receiptable Air Waybill.	