

METALS

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INORGANIC ANALYSIS DATA SHEET

Client: Windward Environmental

Service Request: K2409443

Project No.: 04-08-06-22

Date Collected: 09/14/04

Project Name: LDW

Date Received: 12/01/04

Matrix: TISSUE

Units: mg/kg

Basis: Wet

Sample Name: BL-ES-WB-comp-1

Lab Code: K2409443-001

Analyte	Analysis Method	MRL	MDL	Dil.	Date Extracted	Date Analyzed	Result	C	Q
Arsenic	6020	0.109	0.007	5	12/15/04	12/20/04	4.430		

% Solids: NA

Comments:

00012

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## INORGANIC ANALYSIS DATA SHEET

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Project No.: 04-08-06-22

Date Collected: 09/14/04

Project Name: LDW

Date Received: 12/01/04

Matrix: TISSUE

Units: mg/kg

Basis: Wet

Sample Name: BL-ES-WB-comp-2

Lab Code: K2409443-002

Analyte	Analysis Method	MRL	MDL	Dil.	Date Extracted	Date Analyzed	Result	C	Q
Arsenic	6020	0.110	0.007	5	12/15/04	12/20/04	3.040		

\* Solids: NA

Comments:

00013

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## INORGANIC ANALYSIS DATA SHEET

Client: Windward Environmental

Service Request: K2409443

Project No.: 04-08-06-22

Date Collected: 09/14/04

Project Name: LDW

Date Received: 12/01/04

Matrix: TISSUE

Units: mg/kg

Basis: Wet

Sample Name: BL-ES-WB-comp-3

Lab Code: K2409443-003

Analyte	Analysis Method	MRL	MDL	Dil.	Date Extracted	Date Analyzed	Result	C	Q
Arsenic	6020	0.120	0.007	5	12/15/04	12/20/04	4.280		

\* Solids: NA

Comments:

00014

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## INORGANIC ANALYSIS DATA SHEET

Client: Windward Environmental

Service Request: K2409443

Project No.: 04-08-06-22

Date Collected: 09/14/04

Project Name: LDW

Date Received: 12/01/04

Matrix: TISSUE

Units: mg/kg

Basis: Wet

Sample Name: BL-ES-WB-comp-4

Lab Code: K2409443-004

Analyte	Analysis Method	MRL	MDL	Dil.	Date Extracted	Date Analyzed	Result	C	Q
Arsenic	6020	0.110	0.007	5	12/15/04	12/20/04	4.270		

\* Solids: NA

Comments:

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## INORGANIC ANALYSIS DATA SHEET

Client: Windward Environmental

Service Request: K2409443

Project No.: 04-08-06-22

Date Collected: 09/14/04

Project Name: LDW

Date Received: 12/01/04

Matrix: TISSUE

Units: mg/kg

Basis: Wet

Sample Name: BL-ES-WB-comp-5

Lab Code: K2409443-005

Analyte	Analysis Method	MRL	MDL	Dil.	Date Extracted	Date Analyzed	Result	C	Q
Arsenic	6020	0.110	0.007	5	12/15/04	12/20/04	2.390		

\* Solids: NA

Comments:

00016

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## INORGANIC ANALYSIS DATA SHEET

Client: Windward Environmental

Service Request: K2409443

Project No.: 04-08-06-22

Date Collected: 09/14/04

Project Name: LDW

Date Received: 12/01/04

Matrix: TISSUE

Units: mg/kg

Basis: Wet

Sample Name: BL-ES-WB-comp-6

Lab Code: K2409443-006

Analyte	Analysis Method	MRL	MDL	Dil.	Date Extracted	Date Analyzed	Result	C	Q
Arsenic	6020	0.127	0.008	5	12/15/04	12/20/04	5.940		

\* Solids: NA

Comments:

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## INORGANIC ANALYSIS DATA SHEET

Client: Windward Environmental

Service Request: K2409443

Project No.: 04-08-06-22

Date Collected: 09/16/04

Project Name: LDW

Date Received: 12/01/04

Matrix: TISSUE

Units: mg/kg

Basis: Wet

Sample Name: EP-ES-WB-comp-1

Lab Code: K2409443-007

Analyte	Analysis Method	MRL	MDL	Dil.	Date Extracted	Date Analyzed	Result	C	Q
Arsenic	6020	0.119	0.007	5	12/15/04	12/20/04	2.890		

\* Solids: NA

Comments:

00018

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## INORGANIC ANALYSIS DATA SHEET

Client: Windward Environmental

Service Request: K2409443

Project No.: 04-08-06-22

Date Collected: 09/16/04

Project Name: LDW

Date Received: 12/01/04

Matrix: TISSUE

Units: mg/kg

Basis: Wet

Sample Name: EP-ES-WB-comp-2

Lab Code: K2409443-008

Analyte	Analysis Method	MRL	MDL	Dil.	Date Extracted	Date Analyzed	Result	C	Q
Arsenic	6020	0.114	0.007	5	12/15/04	12/20/04	3.140		

\* Solids: NA

Comments:

00019



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## INORGANIC ANALYSIS DATA SHEET

Client: Windward Environmental

Service Request: K2409443

Project No.: 04-08-06-22

Date Collected: 09/16/04

Project Name: LDW

Date Received: 12/01/04

Matrix: TISSUE

Units: mg/kg

Basis: Wet

Sample Name: EP-ES-WB-comp-3

Lab Code: K2409443-009

Analyte	Analysis Method	MRL	MDL	Dil.	Date Extracted	Date Analyzed	Result	C	Q
Arsenic	6020	0.116	0.007	5	12/15/04	12/20/04	5.190		

% Solids: NA

Comments:

00020

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## INORGANIC ANALYSIS DATA SHEET

Client: Windward Environmental

Service Request: K2409443

Project No.: 04-08-06-22

Date Collected: 09/16/04

Project Name: LDW

Date Received: 12/01/04

Matrix: TISSUE

Units: mg/kg

Basis: Wet

Sample Name: EP-ES-WB-comp-4

Lab Code: K2409443-010

Analyte	Analysis Method	MRL	MDL	Dil.	Date Extracted	Date Analyzed	Result	C	Q
Arsenic	6020	0.112	0.007	5	12/15/04	12/20/04	3.320		

% Solids: NA

Comments:

00021

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Client: Windward Environmental

Service Request: K2409443

Project No.: 04-08-06-22

Date Collected: 09/16/04

Project Name: LDW

Date Received: 12/01/04

Matrix: TISSUE

Units: mg/kg

Basis: Wet

Sample Name: EP-ES-WB-comp-5

Lab Code: K2409443-011

Analyte	Analysis Method	MRL	MDL	Dil.	Date Extracted	Date Analyzed	Result	C	Q
Arsenic	6020	0.128	0.008	5	12/15/04	12/20/04	2.680		

% Solids: NA

Comments:

00022

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## INORGANIC ANALYSIS DATA SHEET

Client: Windward Environmental

Service Request: K2409443

Project No.: 04-08-06-22

Date Collected: 09/16/04

Project Name: LDW

Date Received: 12/01/04

Matrix: TISSUE

Units: mg/kg

Basis: Wet

Sample Name: EP-ES-WB-comp-6

Lab Code: K2409443-012

Analyte	Analysis Method	MRL	MDL	Dil.	Date Extracted	Date Analyzed	Result	C	Q
Arsenic	6020	0.110	0.007	5	12/15/04	12/20/04	3.500		

% Solids: NA

Comments:

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Project No.: 04-08-06-22

Date Collected: 09/14/04

Project Name: LDW

Date Received: 12/01/04

Matrix: TISSUE

Units: mg/kg

Basis: Wet

Sample Name: BL-SC-EM-comp-1

Lab Code: K2409443-013

Analyte	Analysis Method	MRL	MDL	Dil.	Date Extracted	Date Analyzed	Result	C	Q
Arsenic	6020	0.093	0.006	5	12/15/04	12/20/04	10.4		

% Solids: NA

Comments:

00024

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## INORGANIC ANALYSIS DATA SHEET

Client: Windward Environmental

Service Request: K2409443

Project No.: 04-08-06-22

Date Collected: 09/14/04

Project Name: LDW

Date Received: 12/01/04

Matrix: TISSUE

Units: mg/kg

Basis: Wet

Sample Name: BL-SC-EM-comp-2

Lab Code: K2409443-014

Analyte	Analysis Method	MRL	MDL	Dil.	Date Extracted	Date Analyzed	Result	C	Q
Arsenic	6020	0.106	0.006	5	12/15/04	12/20/04	10.8		

% Solids: NA

Comments:

00025

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## INORGANIC ANALYSIS DATA SHEET

Client: Windward Environmental

Service Request: K2409443

Project No.: 04-08-06-22

Date Collected: 09/14/04

Project Name: LDW

Date Received: 12/01/04

Matrix: TISSUE

Units: mg/kg

Basis: Wet

Sample Name: BL-SC-EM-comp-3

Lab Code: K2409443-015

Analyte	Analysis Method	MRL	MDL	Dil.	Date Extracted	Date Analyzed	Result	C	Q
Arsenic	6020	0.103	0.006	5	12/15/04	12/20/04	11.3		

% Solids: NA

Comments:

00026

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## INORGANIC ANALYSIS DATA SHEET

Client: Windward Environmental

Service Request: K2409443

Project No.: 04-08-06-22

Date Collected: 09/14/04

Project Name: LDW

Date Received: 12/01/04

Matrix: TISSUE

Units: mg/kg

Basis: Wet

Sample Name: BL-SC-HP-comp-1

Lab Code: K2409443-016

Analyte	Analysis Method	MRL	MDL	Dil.	Date Extracted	Date Analyzed	Result	C	Q
Arsenic	6020	0.067	0.004	5	12/15/04	12/20/04	8.170		

% Solids: NA

Comments:

00027



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Client: Windward Environmental

Service Request: K2409443

Project No.: 04-08-06-22

Date Collected: 09/16/04

Project Name: LDW

Date Received: 12/01/04

Matrix: TISSUE

Units: mg/kg

Basis: Wet

Sample Name: EP-SC-EM-comp-1

Lab Code: K2409443-017

Analyte	Analysis Method	MRL	MDL	Dil.	Date Extracted	Date Analyzed	Result	C	Q
Arsenic	6020	0.091	0.005	5	12/15/04	12/20/04	7.050		

\* Solids: NA

Comments:

00028

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## INORGANIC ANALYSIS DATA SHEET

Client: Windward Environmental

Service Request: K2409443

Project No.: 04-08-06-22

Date Collected: 09/16/04

Project Name: LDW

Date Received: 12/01/04

Matrix: TISSUE

Units: mg/kg

Basis: Wet

Sample Name: EP-SC-EM-comp-2

Lab Code: K2409443-018

Analyte	Analysis Method	MRL	MDL	Dil.	Date Extracted	Date Analyzed	Result	C	Q
Arsenic	6020	0.091	0.005	5	12/15/04	12/20/04	5.370		

\* Solids: NA

Comments:

00029

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Client: Windward Environmental

Service Request: K2409443

Project No.: 04-08-06-22

Date Collected: 09/16/04

Project Name: LDW

Date Received: 12/01/04

Matrix: TISSUE

Units: mg/kg

Basis: Wet

Sample Name: EP-SC-EM-comp-3

Lab Code: K2409443-019

Analyte	Analysis Method	MRL	MDL	Dil.	Date Extracted	Date Analyzed	Result	C	Q
Arsenic	6020	0.091	0.005	5	12/15/04	12/20/04	5.570		

% Solids: NA

Comments:

00030

## METALS

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## INORGANIC ANALYSIS DATA SHEET

Client: Windward Environmental

Service Request: K2409443

Project No.: 04-08-06-22

Date Collected: 09/16/04

Project Name: LDW

Date Received: 12/01/04

Matrix: TISSUE

Units: mg/kg

Basis: Wet

Sample Name: EP-SC-HP-comp-1

Lab Code: K2409443-020

Analyte	Analysis Method	MRL	MDL	Dil.	Date Extracted	Date Analyzed	Result	C	Q
Arsenic	6020	0.040	0.002	5	12/15/04	12/20/04	2.640		

\* Solids: NA

Comments:

## METALS

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## INORGANIC ANALYSIS DATA SHEET

Client: Windward Environmental

Service Request: K2409443

Project No.: 04-08-06-22

Date Collected: NA

Project Name: LDW

Date Received: NA

Matrix: TISSUE

Units: mg/kg

Basis: Wet

Sample Name: Method Blank

Lab Code: K2409443-MB

Analyte	Analysis Method	MRL	MDL	Dil.	Date Extracted	Date Analyzed	Result	C	Q
Arsenic	6020	0.150	0.009	5	12/15/04	12/20/04	0.150	U	

% Solids: NA

Comments:

00032

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

**Client:** Winward Environmental  
**Project:** LDW/04-08-06-22  
**LCS Matrix:** Tissue

**Service Request:** K2409443  
**Date Collected:** NA  
**Date Received:** NA  
**Date Extracted:** 12/15/04  
**Date Analyzed:** 12/20/04

Laboratory Control Sample Summary  
 Total Metals

**Sample Name:** Laboratory Control Sample  
**Lab Code:** K2409443-LCS  
**Test Notes:**

**Units:** mg/Kg (ppm)  
**Basis:** Dry

**Source:** N.R.C.C. Dorm-2

Analyte	Prep Method	Analysis Method	True Value	Result	Percent Recovery	Control Limits	Result Notes
Arsenic	PSEP Tissue	6020	18	19.9	111	13.5-22.9	

Approved By: EMA Date: 3/31/05

LCS/032295

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client: Winward Environmental  
 Project: LDW/04-08-06-22  
 LCS Matrix: Tissue

Service Request: K2409443  
 Date Collected: NA  
 Date Received: NA  
 Date Extracted: 12/15/04  
 Date Analyzed: 12/20/04

Laboratory Control Sample Summary  
 Total Metals

Sample Name: Laboratory Control Sample  
 Lab Code: K2409443-LCS  
 Test Notes:  
 Units: mg/Kg (ppm)  
 Basis: Dry

Source: N.R.C.C. Dolt-3

Analyte	Prep Method	Analysis Method	True Value	Result	Percent Recovery	Control Limits	Result Notes
Arsenic	PSEP Tissue	6020	10.2	11.0	108	7.76-12.8	

Approved By: \_\_\_\_\_ *JMA* Date: *3/31/05* \_\_\_\_\_

LCS/032295