Appendix D-1: Sediment Chemistry Data



Matrix: Sediment

Data Release Authorized:

Reported: 01/17/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23

Date Sampled: 12/29/04 Date Received: 12/29/04

Client ID: LDW-Sg1a-0-1 ARI ID: 04-23454 HO04A

Analyte	Date	Method	Units	RL	Sample
Total Solids	01/10/05 011005#1	EPA 160.3	Percent	0.01	55.00
Total Organic Carbon	01/16/05 011605#1	Plumb,1981	Percent	0.020	1.85

Analytical reporting limit



Matrix: Sediment

Data Release Authorized:

Reported: 01/17/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23

Date Sampled: 12/29/04 Date Received: 12/29/04

Client ID: LDW-Sg1a-5-7 ARI ID: 04-23455 HO04B

Analyte	Date	Method	Units	RL	Sample
Total Solids	01/10/05 011005#1	EPA 160.3	Percent	0.01	54.50
Total Organic Carbon	01/16/05 011605#1	Plumb,1981	Percent	0.020	1.85

RL Analytical reporting limit



Matrix: Sediment

Data Release Authorized:

Reported: 01/17/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23

Date Sampled: 12/29/04 Date Received: 12/29/04

Client ID: LDW-Sgla-5-7 FD ARI ID: 04-23456 HO04C

Analyte	Date	Method	Units	RL	Sample
Total Solids	01/10/05 011005#1	EPA 160.3	Percent	0.01	54.60
Total Organic Carbon	01/16/05 011605#1	Plumb, 1981	Percent	0.020	1.79

RL Analytical reporting limit



Matrix: Sediment

Data Release Authorized:

Reported: 01/17/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23

Date Sampled: 12/29/04 Date Received: 12/29/04

Client ID: LDW-Sg1a-10-11 ARI ID: 04-23457 H004D

Analyte	Date	Method	Units	RL	Sample
Total Solids	01/10/05 011005#1	EPA 160.3	Percent	0.01	54.40
Total Organic Carbon	01/16/05 011605#1	Plumb,1981	Percent	0.020	1.76
RL Analytical reporting		1::-	·		



Matrix: Sediment

Data Release Authorized:

Reported: 01/17/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23

Date Sampled: 12/29/04 Date Received: 12/29/04

Client ID: LDW-Sg1a-15-16 ARI ID: 04-23458 HO04E

Analyte	Date	Method	Units	RL	Sample
Total Solids	01/10/05 011005#1	EPA 160.3	Percent	0.01	51.10
Total Organic Carbon	01/16/05 011605#1	Plumb,1981	Percent	0.020	2.08
RL Analytical reportin U Undetected at repor		limit			



Matrix: Sediment

Data Release Authorized:

Reported: 01/17/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23 Date Sampled: 12/29/04

Date Received: 12/29/04

Client ID: LDW-Sg1a-20-21 ARI ID: 04-23459 HO04F

EPA 160.3	Percent	0.01	47.00
Plumb,1981	Percent	0.020	1.42
01/10/05 011005#1 01/16/05 011605#1	011005#1 01/16/05 Plumb,1981	011005#1 01/16/05 Plumb,1981 Percent	011005#1 01/16/05 Plumb,1981 Percent 0.020

RL Analytical reporting limit



Matrix: Sediment

Project: LDW RI Sediment Transport

Data Release Authorized:

Event: 04-08-06-23

Reported: 01/17/05

Date Sampled: 12/29/04 Date Received: 12/29/04

Client ID: LDW-Sg1a-25-26 ARI ID: 04-23460 H004G

Analyte	Date	Method	Units	RL	Sample
Total Solids	01/10/05 011005#1	EPA 160.3	Percent	0.01	49.20
Total Organic Carbon	01/16/05 011605#1	Plumb, 1981	Percent	0.020	2.18

RL Analytical reporting limit



Matrix: Sediment

Data Release Authorized:

Reported: 01/17/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23

Date Sampled: 12/29/04 Date Received: 12/29/04

Client ID: LDW-Sg1a-30-31 ARI ID: 04-23461 H004H

Analyte	Date	Method	Units	RL	Sample
Total Solids	01/10/05 011005#1	EPA 160.3	Percent	0.01	54.60
Total Organic Carbon	01/16/05 011605#1	Plumb, 1981	Percent	0.020	2.06

RL Analytical reporting limit



Matrix: Sediment

Data Release Authorized: and Reported: 01/17/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23 Date Sampled: 12/29/04

Date Received: 12/29/04

Client ID: LDW-Sg1a-35-37 ARI ID: 04-23462 HO04I

Analyte	Date	Method	Units	RL.	Sample
Total Solids	01/10/05 011005#1	EPA 160.3	Percent	0.01	50.30
Total Organic Carbon	01/16/05 011605#1	Plumb,1981	Percent	0.020	2.02
RL Analytical reporting					



Matrix: Sediment

Data Release Authorized:

Reported: 01/17/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23

Date Sampled: 12/29/04 Date Received: 12/29/04

Analyte	Date	Units	Sample	Replicate(s)	RPD/RSD	
ARI ID: HO04I Client ID:	LDW-Sg1a-35-37					-
Total Solids	01/10/05	Percent	50.30	50.70 51.20	0.9%	
Total Organic Carbon	01/16/05	Percent	2.02	2.42 2.39	9.8%	



Matrix: Sediment

Data Release Authorized:

Reported: 01/17/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23

Date Sampled: 12/29/04 Date Received: 12/29/04

Client ID: LDW-Sgla-40-41 ARI ID: 04-23463 H004J

Analyte	Date	Method	Units	RL	Sample
Total Solids	01/10/05 011005#1	EPA 160.3	Percent	0.01	48.90
Total Organic Carbon	01/16/05 011605#1	Plumb, 1981	Percent	0.020	2.44

RL Analytical reporting limit



Matrix: Sediment

Data Release Authorized:

Reported: 01/17/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23

Date Sampled: 12/29/04 Date Received: 12/29/04

Client ID: LDW-Sgla-45-46 ARI ID: 04-23464 HO04K

Analyte	Date	Method	Units	RL	Sample
Total Solids	01/10/05 011005#1	EPA 160.3	Percent	0.01	48.30
Total Organic Carbon	01/16/05 011605#1	Plumb, 1981	Percent	0.020	2.21

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Analytical reporting limit Undetected at reported detection limit Ū٠



Matrix: Sediment

Data Release Authorized:

Reported: 01/17/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23

Date Sampled: 12/29/04 Date Received: 12/29/04

Client ID: LDW-Sg1a-50-51 ARI ID: 04-23465 HO04L

Analyte	Date	Method	Units	RL	Sample
Total Solids	01/10/05 011005#1	EPA 160.3	Percent	0.01	51.60
Total Organic Carbon	01/16/05 011605#1	Plumb, 1981	Percent	0.020	1.46

RL

Analytical reporting limit Undetected at reported detection limit U



Matrix: Sediment

Data Release Authorized:

Reported: 01/17/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23

Date Sampled: 12/29/04 Date Received: 12/29/04

Client ID: LDW-Sg1a-55-56 ARI ID: 04-23466 HO04M

Analyte	Date	Method	Units	RL.	Sample
Total Solids	01/10/05 011005#1	EPA 160.3	Percent	0.01	48.70
Total Organic Carbon	01/16/05 011605#1	Plumb, 1981	Percent	0.020	2.16

Analytical reporting limit Undetected at reported detection limit RL

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Matrix: Sediment

Data Release Authorized:

Reported: 01/17/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23

Date Sampled: 12/29/04 Date Received: 12/29/04

Client ID: LDW-Sg1a-60-61 ARI ID: 04-23467 HO04N

Analyte	Date	Method	Units	RL	Sample
Total Solids	01/10/05 011005#1	EPA 160.3	Percent	0.01	50.80
Total Organic Carbon	01/16/05 01/1605#1	Plumb,1981	Percent	0.020	2.28

RL

Analytical reporting limit Undetected at reported detection limit U



Matrix: Sediment

Data Release Authorized:

Reported: 01/17/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23

Date Sampled: 12/29/04 Date Received: 12/29/04

Client ID: LDW-Sg1a-65-66 ARI ID: 04-23468 H0040

Analyte	· :	Date	Method	Units	RL	Sample
Total Solids		01/10/05 011005#1	EPA 160.3	Percent	0.01	51.10
Total Organic Carbon		01/16/05 011605#1	Plumb,1981	Percent	0.020	2.38

RL Analytical reporting limit



Matrix: Sediment

Data Release Authorized:

Reported: 01/17/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23

Date Sampled: 12/29/04 Date Received: 12/29/04

Client ID: LDW-Sgla-70-71 ARI ID: 04-23469 HO04P

Analyte	Date	Method	Units	RL	Sample
Total Solids	01/10/05 011005#1	EPA 160.3	Percent	0.01	51.30
Total Organic Carbon	01/16/05 011605#1	Plumb, 1981	Percent	0.020	2.29

RL

Analytical reporting limit Undetected at reported detection limit U



Matrix: Sediment

Matrix: Sequence Data Release Authorized:

Reported: 01/17/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23

Date Sampled: 12/29/04

Date Received: 12/29/04

Client ID: LDW-Sgla-75-76 ARI ID: 04-23470 HO04Q

Analyte	Date	Method	Units	RL	Sample
Total Solids	01/10/05 011005#1	EPA 160.3	Percent	0.01	49.20
Total Organic Carbon	01/16/05 011605#1	Plumb,1981	Percent	0.020	2.69

RLAnalytical reporting limit



Matrix: Sediment

Data Release Authorized:

Reported: 01/17/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23

Date Sampled: 12/29/04

Date Received: 12/29/04

Client ID: LDW-Sg1a-80-81 ARI ID: 04-23471 HO04R

Analyte	 Date	Method	Units	RL	Sample
Total Solids	01/10/05 011005#1	EPA 160.3	Percent	0.01	50.00
Total Organic Carbon	01/16/05 011605#1	Plumb,1981	Percent	0.020	3.12

RL Analytical reporting limit
U Undetected at reported detection limit



Matrix: Sediment

Data Release Authorized:

Reported: 01/17/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23

Date Sampled: 12/28/04

Date Received: 12/29/04

Client ID: LDW Sg2-0-1 ARI ID: 04-23383 HN93A

Analyte	Date	Method	Units	RL	Sample
Total Solids	01/10/05 011005#2	EPA 160.3	Percent	0.01	60.70
Total Organic Carbon	01/14/05 011405#1	Plumb, 1981	Percent	0.020	1.61

RL

Analytical reporting limit Undetected at reported detection limit U



Matrix: Sediment

Data Release Authorized: act

Reported: 01/17/05

Project: LDW RI Sediment Transport Event: 04-08-06-23 Date Sampled: 12/28/04 Date Received: 12/29/04

Client ID: LDW Sg2-5-6 ARI ID: 04-23384 HN93B

Analyte	Date	Method	Units	RL	Sample
Total Solids	01/10/05 011005#2	EPA 160.3	Percent	0.01	59.40
Total Organic Carbon	01/14/05 011405#1	Plumb,1981	Percent	0.020	1.70

RL. Analytical reporting limit



Matrix: Sediment

Data Release Authorized:

Reported: 01/17/05

Project: LDW RI Sediment Transport Event: 04-08-06-23 Date Sampled: 12/28/04 Date Received: 12/29/04

Client ID: LDW Sg2-10-11 ARI ID: 04-23385 HN93C

Analyte	Date	Method	Units	RL	Sample
Total Solids	01/10/05 011005#2	EPA 160.3	Percent	0.01	56.10
Total Organic Carbon	01/14/05 011405#1	Plumb,1981	Percent	0.020	2.32

RL. Analytical reporting limit



Matrix: Sediment

Data Release Authorized:

Reported: 01/17/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23
Date Sampled: 12/28/04
Date Received: 12/29/04

Client ID: LDW Sq2-15-16 ARI ID: 04-23386 HN93D

Analyte	Date	Method	Units	RL	Sample
Total Solids	01/10/05 011005#2	EPA 160.3	Percent	0.01	59.60
Total Organic Carbon	01/14/05 011405#1	Plumb,1981	Percent	0.020	1.65

RL Analytical reporting limit



Matrix: Sediment

Data Release Authorized:

Reported: 01/17/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23

Date Sampled: 12/28/04 Date Received: 12/29/04

Client ID: LDW Sg2-20-21 ARI ID: 04-23387 HN93E

Analyte	Date	Method	Units	RL	Sample
Total Solids	01/10/05 011005#2	EPA 160.3	Percent	0.01	66.00
Total Organic Carbon	01/14/05 011405#1	Plumb,1981	Percent	0.020	1.26

RL

Analytical reporting limit Undetected at reported detection limit Ū



Matrix: Sediment

Data Release Authorized:

Reported: 01/17/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23

Date Sampled: 12/28/04 Date Received: 12/29/04

Client ID: LDW Sg2-25-26 ARI ID: 04-23388 HN93F

Analyte	Date	Method	Units	RL	Sample
Total Solids	01/10/05 011005#2	EPA 160.3	Percent	0.01	70.90
Total Organic Carbon	01/14/05 011405#1	Plumb,1981	Percent	0.020	0.740

RL Analytical reporting limit



Matrix: Sediment

Data Release Authorized:

Reported: 01/17/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23

Date Sampled: 12/28/04 Date Received: 12/29/04

Client ID: LDW Sg2-30-31 ARI ID: 04-23389 HN93G

Analyte	Date	Method	Units	RL	Sample
Total Solids	01/10/05 011005#2	EPA 160.3	Percent	0.01	68.80
Total Organic Carbon	01/14/05 011405#1	Plumb,1981	Percent	0.020	0.878

RL Analytical reporting limit



Matrix: Sediment

Data Release Authorized:

Reported: 01/17/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23

Date Sampled: 12/28/04 Date Received: 12/29/04

Client ID: LDW Sg2-35-36 ARI ID: 04-23390 HN93H

Analyte	Date	Method	Units	RL	Sample
Total Solids	01/10/05 011005#2	EPA 160.3	Percent	0.01	66.90
Total Organic Carbon	01/14/05 011405#1	Plumb, 1981	Percent	0.020	0.890

RL

Analytical reporting limit Undetected at reported detection limit U .



Matrix: Sediment

Data Release Authorized:

Reported: 01/17/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23

Date Sampled: 12/28/04 Date Received: 12/29/04

Client ID: LDW Sg2-40-41 ARI ID: 04-23391 HN93I

Analyte	Date	Method	Units	RL	Sample
Total Solids	01/10/05 011005#2	EPA 160.3	Percent	0.01	69.10
Total Organic Carbon	01/14/05 011405#1	Plumb, 1981	Percent	0.020	0.962

RLAnalytical reporting limit



Matrix: Sediment

Data Release Authorized:

Reported: 01/17/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23

Date Sampled: 12/28/04 Date Received: 12/29/04

Client ID: LDW Sg2-45-46 ARI ID: 04-23392 HN93J

Analyte	Date	Method	Units	RL	Sample
Total Solids	01/10/05 011005#2	EPA 160.3	Percent	0.01	58.40
Total Organic Carbon	01/15/05 011505#1	Plumb, 1981	Percent	0.020	1.65

RL Analytical reporting limit



Matrix: Sediment

Data Release Authorized:

Reported: 01/17/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23

Date Sampled: 12/28/04 Date Received: 12/29/04

Client ID: LDW Sg2-50-52 ARI ID: 04-23393 HN93K

Analyte	Date	Method	Units	RL	Sample	
Total Solids	01/10/05 011005#2	EPA 160.3	Percent	0.01	50.60	
Total Organic Carbon	01/15/05 011505#1	Plumb, 1981	Percent	0.020	2.09	

Analytical reporting limit RL



Matrix: Sediment

Data Release Authorized:

Reported: 01/17/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23

Date Sampled: 12/28/04 Date Received: 12/29/04

Client ID: LDW Sg2-50-52 FD ARI ID: 04-23394 HN93L

Analyte	Date	Method	Units	RL	Sample
Total Solids	01/10/05 011005#2	EPA 160.3	Percent	0.01	50.50
Total Organic Carbon	01/15/05 011505#1	Plumb,1981	Percent	0.020	2.25

RĹ Analytical reporting limit



Matrix: Sediment

Data Release Authorized:

Reported: 01/17/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23

Date Sampled: 12/28/04 Date Received: 12/29/04

Client ID: LDW Sg2-55-56 ARI ID: 04-23395 HN93M

Analyte	Date	Method	Units	RL	Sample
Total Solids	01/10/05 011005#2	EPA 160.3	Percent	0.01	52.10
Total Organic Carbon	01/15/05 011505#1	Plumb,1981	Percent	0.020	2.27

RLAnalytical reporting limit



Matrix: Sediment

Data Release Authorized:

Reported: 01/17/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23

Date Sampled: 12/28/04 Date Received: 12/29/04

Client ID: LDW Sg2-60-62 ARI ID: 04-23396 HN93N

Analyte	Date	Method	Units	RL	Sample
Total Solids	01/10/05 011005#2	EPA 160.3	Percent	0.01	54.60
Total Organic Carbon	01/15/05 011505#1	Plumb,1981	Percent	0.020	2.51

Analytical reporting limit



Matrix: Sediment

Data Release Authorized:

Reported: 01/17/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23

Date Sampled: 12/28/04 Date Received: 12/29/04

Analyte	Date	Units	Sample	Replicate(s)	RPD/RSD
ARI ID: HN93N Client II	D: LDW Sg2-60-62		-		
Total Solids	01/10/05	Percent	54.60	54.10 54.40	0.5%
Total Organic Carbon	01/15/05	Percent	2.51	2.50 2.46	1.1%



Matrix: Sediment

Data Release Authorized:

Reported: 01/17/05

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Project: LDW RI Sediment Transport

Event: 04-08-06-23

Date Sampled: 12/28/04 Date Received: 12/29/04

Client ID: LDW Sg2-65-66 ARI ID: 04-23397 HN930

Analyte	Date	Method	Units	RL	Sample
Total Solids	01/10/05 011005#2	EPA 160.3	Percent	0.01	51.00
Total Organic Carbon	01/15/05 011505#1	Plumb, 1981	Percent	0.020	3.48

L Analytical reporting limit



Matrix: Sediment

Data Release Authorized:

Reported: 01/17/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23

Date Sampled: 12/28/04 Date Received: 12/29/04

Client ID: LDW Sg2-70-71 ARI ID: 04-23398 HN93P

Analyte	Date	Method	Units	RL	Sample
Total Solids	01/10/05 011005#2	EPA 160.3	Percent	0.01	54.70
Total Organic Carbon	01/15/05 011505#1	Plumb,1981	Percent	0.020	2.62

RL Analytical reporting limit



Matrix: Sediment

Data Release Authorized:

Reported: 01/17/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23

Date Sampled: 12/28/04 Date Received: 12/29/04

Client ID: LDW Sg2-75-76 ARI ID: 04-23399 HN93Q

Analyte	Date	Method	Units	RL	Sample
Total Solids	01/10/05 011005#2	EPA 160.3	Percent	0.01	62.40
Total Organic Carbon	01/15/05 011505#1	Plumb, 1981	Percent	0.020	1.56

Analytical reporting limit RL



Matrix: Sediment

Data Release Authorized:

Reported: 01/17/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23
Date Sampled: 12/28/04
Date Received: 12/29/04

Client ID: LDW Sg2-80-81 ARI ID: 04-23400 HN93R

Analyte	Date	Method	Units	RL	Sample
Total Solids	01/10/05 011005#2	EPA 160.3	Percent	0.01	66.10
Total Organic Carbon	01/15/05 011505#1	Plumb,1981	Percent	0.020	1.34

RLAnalytical reporting limit



Matrix: Sediment

Data Release Authorized:

Reported: 01/14/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23
Date Sampled: 12/27/04
Date Received: 12/28/04

Client ID: LDW-Sg3-0-1 ARI ID: 04-23315 HN80A

Analyte	Date	Method	Units	RL	Sample
Total Solids	01/06/05 010605#1	EPA 160.3	Percent	0.01	46.80
Total Organic Carbon	01/13/05 011305#1	Plumb, 1981	Percent	0.020	2.14

RLAnalytical reporting limit



Matrix: Sediment

Data Release Authorized:

Reported: 01/14/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23
Date Sampled: 12/27/04
Date Received: 12/28/04

Client ID: LDW-Sq3-5-6 ARI ID: 04-23316 HN80B

Analyte	Date	Method	Units	RL.	Sample
Total Solids	01/06/05 010605#1	EPA 160.3	Percent	0.01	50.00
Total Organic Carbon	01/13/05 011305#1	Plumb, 1981	Percent	0.020	2.20

RLAnalytical reporting limit



Matrix: Sediment

Data Release Authorized:

Reported: 01/14/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23

Date Sampled: 12/27/04 Date Received: 12/28/04

Client ID: LDW-Sg3-10-11 ARI ID: 04-23317 HN80C

Analyte	Date	Method	Units	RL	Sample
Total Solids	01/06/05 010605#1	EPA 160.3	Percent	0.01	54.00
Total Organic Carbon	01/13/05 011305#1	Plumb, 1981	Percent	0.020	2.27

RL Analytical reporting limit



Matrix: Sediment

Data Release Authorized:

Reported: 01/14/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23

Date Sampled: 12/27/04 Date Received: 12/28/04

Client ID: LDW-Sg3-15-17 ARI ID: 04-23318 HN80D

Analyte	Date	Method	Units	RL	Sample
Total Solids	01/06/05 010605#1	EPA 160.3	Percent	0.01	55.20
Total Organic Carbon	01/13/05 011305#1	Plumb,1981	Percent	0.020	2.11



Matrix: Sediment

Data Release Authorized:

Reported: 01/14/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23

Date Sampled: 12/27/04 Date Received: 12/28/04

Client ID: LDW-Sg3-15-17 FD ARI ID: 04-23319 HN80E

Analyte	Date	Method	Units	RL	Sample
Total Solids	01/06/05 010605#1	EPA 160.3	Percent	0.01	54.90
Total Organic Carbon	01/13/05 011305#1	Plumb, 1981	Percent	0.020	2.24
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Analytical reporting limit RL



Matrix: Sediment

Data Release Authorized:

Reported: 01/14/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23

Date Sampled: 12/27/04 Date Received: 12/28/04

Client ID: LDW-Sg3-20-21 ARI ID: 04-23320 HN80F

Analyte	Date	Method	Units	RL	Sample
Total Solids	01/06/05 010605#1	EPA 160.3	Percent	0.01	51.70
Total Organic Carbon	01/13/05 011305#1	Plumb,1981	Percent	0.020	2.58

RL Analytical reporting limit



Matrix: Sediment

Data Release Authorized:

Reported: 01/14/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23

Date Sampled: 12/27/04 Date Received: 12/28/04

Client ID: LDW-Sg3-25-27 ARI ID: 04-23321 HN80G

Analyte	Date	Method	Units	RL	Sample
Total Solids	01/06/05 010605#1	EPA 160.3	Percent	0.01	52.30
Total Organic Carbon	01/13/05 011305#1	Plumb,1981	Percent	0.020	2.19
PI Applution Proporti	na limi+				

RLAnalytical reporting limit



Matrix: Sediment
Data Release Authorized:
Reported: 01/14/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23

Date Sampled: 12/27/04 Date Received: 12/28/04

Analyte		Date	Units	Sample	Replicate(s)	RPD/RSD
ARI ID: HN80G	Client ID:	LDW-Sg3-25-27				
Total Solids		01/06/05	Percent	52.30	52.40 52.50	0.2%
Total Organic	Carbon	01/13/05	Percent	2.19	2.16 2.14	1.2%



Matrix: Sediment

Data Release Authorized:

Reported: 01/14/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23

Date Sampled: 12/27/04 Date Received: 12/28/04

Client ID: LDW-Sg3-30-31 ARI ID: 04-23322 HN80H

Analyte	Date	Method	Units	RL	Sample
Total Solids	01/06/05 010605#1	EPA 160.3	Percent	0.01	52.30
Total Organic Carbon	01/13/05 011305#1	Plumb,1981	Percent	0.020	2.48

RL Analytical reporting limit



Matrix: Sediment

Data Release Authorized:

Reported: 01/14/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23

Date Sampled: 12/27/04 Date Received: 12/28/04

Client ID: LDW-Sg3-35-36 ARI ID: 04-23323 HN80I

Analyte	Date	Method	Units	RL	Sample
Total Solids	01/06/05 010605#1	EPA 160.3	Percent	0.01	51.70
Total Organic Carbon	01/13/05 011305#1	Plumb,1981	Percent	0.020	2.04

RLAnalytical reporting limit



Matrix: Sediment

Data Release Authorized:

Reported: 01/14/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23

Date Sampled: 12/27/04 Date Received: 12/28/04

Client ID: LDW-Sg3-40-41 ARI ID: 04-23324 HN80J

Analyte	Date	Method	Units	RL	Sample
Total Solids	01/06/05 010605#1	EPA 160.3	Percent	0.01	51.00
Total Organic Carbon	01/13/05 011305#1	Plumb,1981	Percent	0.020	1.43

RL Analytical reporting limit



Matrix: Sediment

Data Release Authorized:

Reported: 01/14/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23

Date Sampled: 12/27/04 Date Received: 12/28/04

Client ID: LDW-Sg3-45-46 ARI ID: 04-23325 HN80K

Analyte	Date	Method	Units	RL	Sample
Total Solids	01/06/05 010605#1	EPA 160.3	Percent	0.01	53.40
Total Organic Carbon	01/13/05 011305#1	Plumb,1981	Percent	0.020	1.51
RL Analytical reporting U Undetected at report		ı limit			



Matrix: Sediment

Data Release Authorized:

Reported: 01/14/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23

Date Sampled: 12/27/04

Date Received: 12/28/04

Client ID: LDW-Sq3-50-51 ARI ID: 04-23326 HN80L

Analyte	Date	Method	Units	RL	Sample
Total Solids	01/06/05 010605#1	EPA 160.3	Percent	0.01	53.80
Total Organic Carbon	01/13/05 011305#1	Plumb, 1981	Percent	0.020	2.35

RLAnalytical reporting limit



Matrix: Sediment

Data Release Authorized:

Reported: 01/14/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23

Date Sampled: 12/27/04 Date Received: 12/28/04

Client ID: LDW-Sg3-55-56 ARI ID: 04-23327 HN80M

Analyte	Date	Method	Units	RL	Sample
Total Solids	01/06/05 010605#1	EPA 160.3	Percent	0.01	51.40
Total Organic Carbon	01/13/05 011305#1	Plumb, 1981	Percent	0.020	2.60
RL Analytical reporting U Undetected at reporting	_	n limit			



Matrix: Sediment

Data Release Authorized:

Reported: 01/14/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23

Date Sampled: 12/27/04

Date Received: 12/28/04

Client ID: LDW-Sg3-60-61 ARI ID: 04-23328 HN80N

Analyte	Date	Method	Units	RL	Sample
Total Solids	01/06/05 010605#1	EPA 160.3	Percent	0.01	53.30
Total Organic Carbon	01/13/05 011305#1	Plumb,1981	Percent	0.020	1.91

RLAnalytical reporting limit



Matrix: Sediment

Matrix: Segiment
Data Release Authorized:

Reported: 01/14/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23

Date Sampled: 12/27/04 Date Received: 12/28/04

Client ID: LDW-Sg3-65-66 ARI ID: 04-23329 HN800

Analyte	Date	Method	Units	RL	Sample
Total Solids	01/06/05 010605#1	EPA 160.3	Percent	0.01	53.00
Total Organic Carbon	01/13/05 011305#1	Plumb,1981	Percent	0.020	2.06
RL Analytical reportir	-				



Matrix: Sediment

Data Release Authorized:

Reported: 01/14/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23 Date Sampled: 12/27/04

Date Received: 12/28/04

Client ID: LDW-Sg3-70-71 ARI ID: 04-23330 HN80P

Analyte	Date	Method	Units	RL	Sample
Total Solids	01/06/05 010605#1	EPA 160.3	Percent	0.01	52.40
Total Organic Carbon	01/13/05 011305#1	Plumb, 1981	Percent	0.020	2.54

RLAnalytical reporting limit



Matrix: Sediment

Data Release Authorized:

Reported: 01/14/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23

Date Sampled: 12/27/04 Date Received: 12/28/04

Client ID: LDW-Sg3-75-76 ARI ID: 04-23331 HN80Q

Analyte	Date	Method	Units	RL	Sample
Total Solids	01/06/05 010605#1	EPA 160.3	Percent	0.01	52.90
Total Organic Carbon	01/13/05 011305#1	Plumb,1981	Percent	0.020	2.38

RL Analytical reporting limit



Matrix: Sediment

Data Release Authorized:

Reported: 01/07/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23

Date Sampled: 12/22/04 Date Received: 12/22/04

Client ID: LDW-Sg4-0-1 ARI ID: 04-23084 HN60A

Date	Method	Units	RL	Sample
12/27/04 122704#2	EPA 160.3	Percent	0.01	64.30
01/05/05 010505#1	Plumb,1981	Percent	0.020	1.94
	12/27/04 122704#2 01/05/05	12/27/04 EPA 160.3 122704#2 01/05/05 Plumb,1981	12/27/04 EPA 160.3 Percent 122704#2 01/05/05 Plumb,1981 Percent	12/27/04 EPA 160.3 Percent 0.01 122704#2 01/05/05 Plumb,1981 Percent 0.020

RLAnalytical reporting limit



Matrix: Sediment

Data Release Authorized:

Reported: 01/07/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23

Date Sampled: 12/22/04 Date Received: 12/22/04

Client ID: LDW-Sg4-5-6 ARI ID: 04-23085 HN60B

Analyte	Date	Method	Units	RL	Sample
Total Solids	12/27/04 122704#2	EPA 160.3	Percent	0.01	56.30
Total Organic Carbon	01/05/05 010505#1	Plumb,1981	Percent	0.020	2.25

RLAnalytical reporting limit U



Matrix: Sediment

Data Release Authorized:

Reported: 01/07/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23

Date Sampled: 12/22/04 Date Received: 12/22/04

Client ID: LDW-Sg4-10-12 ARI ID: 04-23086 HN60C

Analyte	Date	Method	Units	RL	Sample
Total Solids	12/27/04 122704#2	EPA 160.3	Percent	0.01	62.80
Total Organic Carbon	01/05/05 010505#1	Plumb, 1981	Percent	0.020	2.11

RLAnalytical reporting limit Ū



Matrix: Sediment

Data Release Authorized:

Reported: 01/07/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23

Date Sampled: 12/22/04 Date Received: 12/22/04

Client ID: LDW-Sg4-10-12 FD ARI ID: 04-23087 HN60D

Analyte	Date	Method	Units	RL	Sample
Total Solids	12/27/04 122704#2	EPA 160.3	Percent	0.01	64.60
Total Organic Carbon	01/05/05 010505#1	Plumb,1981	Percent	0.020	2.02

RL Analytical reporting limit



Matrix: Sediment

Data Release Authorized:

Reported: 01/07/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23

Date Sampled: 12/22/04 Date Received: 12/22/04

Client ID: LDW-Sg4-15-16 ARI ID: 04-23088 HN60E

Analyte	Date	Method	Units	RL	Sample
Total Solids	12/27/04 122704#2	EPA 160.3	Percent	0.01	56.60
Total Organic Carbon	01/05/05 010505#1	Plumb,1981	Percent	0.020	1.65

RL Analytical reporting limit



Matrix: Sediment

Data Release Authorized:

Reported: 01/07/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23

Date Sampled: 12/22/04 Date Received: 12/22/04

Client ID: LDW-Sg4-20-21 ARI ID: 04-23089 HN60F

Analyte	Date	Method	Units	RL	Sample
Total Solids	12/27/04 122704#2	EPA 160.3	Percent	0.01	57.20
Total Organic Carbon	01/05/05 010505#1	Plumb, 1981	Percent	0.020	1.81

RLAnalytical reporting limit



Matrix: Sediment

Data Release Authorized:

Reported: 01/07/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23

Date Sampled: 12/22/04
Date Received: 12/22/04

Client ID: LDW-Sg4-25-26 ARI ID: 04-23090 HN60G

Analyte	Date	Method	Units	RL	Sample
Total Solids	12/27/04 122704#2	EPA 160.3	Percent	0.01	56.40
Total Organic Carbon	01/05/05 010505#1	Plumb, 1981	Percent	0.020	1.81

RL Analytical reporting limit



Matrix: Sediment

Data Release Authorized:

Reported: 01/07/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23
Date Sampled: 12/22/04
Date Received: 12/22/04

Client ID: LDW-Sg4-30-31 ARI ID: 04-23091 HN60H

Analyte	Date	Method	Units	RL	Sample
Total Solids	12/27/04 122704#2	EPA 160.3	Percent	0.01	54.20
Total Organic Carbon	01/05/05 010505#1	Plumb, 1981	Percent	0.020	1.74
RL Analytical reportin U Undetected at repor		ılimit			



Matrix: Sediment

Data Release Authorized:

Reported: 01/07/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23

Date Sampled: 12/22/04 Date Received: 12/22/04

Client ID: LDW-Sg4-35-37 ARI ID: 04-23092 HN60I

Analyte	Date	Method	Units	RL	Sample
Total Solids	12/27/04 122704#2	EPA 160.3	Percent	0.01	46.10
Total Organic Carbon	01/05/05 010505#1	Plumb, 1981	Percent	0.020	1.14

RL Analytical reporting limit



Matrix: Sediment

Data Release Authorized:

Reported: 01/07/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23

Date Sampled: 12/22/04

Date Received: 12/22/04

Analyte		Date	Units	Sample	Replicate(s)	RPD/RSD
ARI ID: HN60I	Client ID:	LDW-Sg4-35-37				
Total Solids		12/27/04	Percent	46.10	45.80 45.90	0.3%
Total Organic	Carbon	01/05/05	Percent	1.14	1.09 1.07	3.3%



Matrix: Sediment

Data Release Authorized:

Reported: 01/07/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23

Date Sampled: 12/22/04 Date Received: 12/22/04

Client ID: LDW-Sg4-40-41 ARI ID: 04-23093 HN60J

Analyte	Date	Method	Units	RL	Sample
Total Solids	12/27/04 122704#2	EPA 160.3	Percent	0.01	45.20
Total Organic Carbon	01/05/05 010505#1	Plumb,1981	Percent	0.020	0.885

RL Analytical reporting limit
U Undetected at reported detection limit



Matrix: Sediment

Data Release Authorized:

Reported: 01/07/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23

Date Sampled: 12/22/04

Date Received: 12/22/04

Client ID: LDW-Sg4-45-46 ARI ID: 04-23094 HN60K

Analyte	Date	Method	Units	RL	Sample
Total Solids	12/27/04 122704#2	EPA 160.3	Percent	0.01	55.50
Total Organic Carbon	01/05/05 010505#1	Plumb, 1981	Percent	0.020	1.71

RLU

Analytical reporting limit Undetected at reported detection limit



Matrix: Sediment

Data Release Authorized:

Reported: 01/07/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23

Date Sampled: 12/22/04

Date Received: 12/22/04

Client ID: LDW-Sg4-50-51 ARI ID: 04-23095 HN60L

Analyte		Date	Method	Units	RL	Sample
Total Solids		12/27/04 122704#2	EPA 160.3	Percent	0.01	48.50
Total Organic Carbon	٠.	01/05/05 010505#1	Plumb,1981	Percent	0.020	1.47

Analytical reporting limit RLŪ



Matrix: Sediment

Data Release Authorized:

Reported: 01/07/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23

Date Sampled: 12/22/04 Date Received: 12/22/04

Client ID: LDW-Sg4-55-56 ARI ID: 04-23096 HN60M

Analyte	Date	Method	Units	RL	Sample
Total Solids	12/27/04 122704#2	EPA 160.3	Percent	0.01	54.50
Total Organic Carbon	01/05/05 010505#1	Plumb,1981	Percent	0.020	1.86

Analytical reporting limit RL



Matrix: Sediment

Data Release Authorized:

Reported: 01/07/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23

Date Sampled: 12/22/04 Date Received: 12/22/04

Client ID: LDW-Sg4-60-61 ARI ID: 04-23097 HN60N

Analyte	 Date	Method	Units	RL	Sample
Total Solids	12/27/04 122704#2	EPA 160.3	Percent	0.01	52.90
Total Organic Carbon	01/05/05 010505#1	Plumb, 1981	Percent	0.020	2.19

RLAnalytical reporting limit



Matrix: Sediment

Data Release Authorized:

Reported: 01/07/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23

Date Sampled: 12/22/04 Date Received: 12/22/04

Client ID: LDW-Sg4-65-66 ARI ID: 04-23098 HN600

Analyte	Date	Method	Units	RL	Sample
Total Solids	12/27/04 122704#2	EPA 160.3	Percent	0.01	54.90
Total Organic Carbon	01/05/05 010505#1	Plumb,1981	Percent	0.020	2.05

RLAnalytical reporting limit

U Undetected at reported detection limit



Matrix: Sediment

Data Release Authorized:

Reported: 01/07/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23

Date Sampled: 12/22/04 Date Received: 12/22/04

Client ID: LDW-Sg4-70-71 ARI ID: 04-23099 HN60P

Analyte	Date	Method	Units	RL.	Sample
Total Solids	12/27/04 122704#2	EPA 160.3	Percent	0.01	58.30
Total Organic Carbon	01/05/05 010505#1	Plumb, 1981	Percent	0.020	1.93
	•				

RL Analytical reporting limit

U Undetected at reported detection limit



Matrix: Sediment

Data Release Authorized:

Reported: 01/07/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23

Date Sampled: 12/22/04 Date Received: 12/22/04

Client ID: LDW-Sg4-75-76 ARI ID: 04-23100 HN60Q

Analyte	Date	Method	Units	RL	Sample
Total Solids	12/27/04 122704#2	EPA 160.3	Percent	0.01	58.10
Total Organic Carbon	01/05/05 010505#1	Plumb, 1981	Percent	0.020	2.04

RLAnalytical reporting limit

Undetected at reported detection limit U



Matrix: Sediment

Data Release Authorized:

Reported: 01/07/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23

Date Sampled: 12/22/04

Date Received: 12/22/04

Client ID: LDW-Sg4-80-81 ARI ID: 04-23101 HN60R

Analyte	Date	Method	Units	RL	Sample
Total Solids	12/27/04 122704#2	EPA 160.3	Percent	0.01	51.70
Total Organic Carbon	01/05/05 010505#1	Plumb, 1981	Percent	0.020	2.73
RL Analytical reportin					

Undetected at reported detection limit



Matrix: Sediment

Data Release Authorized:

Reported: 01/17/05

Project: LDW RI Sediment Transport Event: 04-08-06-23 Date Sampled: 12/28/04 Date Received: 12/29/04

Client ID: LDW-Sq5a-0-1 ARI ID: 04-23365 HN92A

Analyte	Date	Method	Units	RL	Sample
Total Solids	01/10/05 011005#3	EPA 160.3	Percent	0.01	50.60
Total Organic Carbon	01/15/05 011505#1	Plumb,1981	Percent	0.020	2.36

Analytical reporting limit Undetected at reported detection limit



Matrix: Sediment

Data Release Authorized:

Reported: 01/17/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23

Date Sampled: 12/28/04 Date Received: 12/29/04

Client ID: LDW-Sg5a-5-6 ARI ID: 04-23366 HN92B

Analyte	Date	Method	Units	RL	Sample
Total Solids	01/10/05 011005#3	EPA 160.3	Percent	0.01	47.50
Total Organic Carbon	01/15/05 011505#1	Plumb,1981	Percent	0.020	2.65

RL Analytical reporting limit

U Undetected at reported detection limit



Matrix: Sediment

Data Release Authorized:

Reported: 01/17/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23

Date Sampled: 12/28/04 Date Received: 12/29/04

Client ID: LDW-Sg5a-10-11 ARI ID: 04-23367 HN92C

Analyte	Date	Method	Units	RL	Sample
Total Solids	01/10/05 011005#3	EPA 160.3	Percent	0.01	48.90
Total Organic Carbon	01/15/05 011505#1	Plumb, 1981	Percent	0.020	2.68

RL Analytical reporting limit

U Undetected at reported detection limit



Matrix: Sediment

U

Project: LDW RI Sediment Transport

Event: 04-08-06-23

Date Sampled: 12/28/04 Date Received: 12/29/04

Data Release Authorized: WY Reported: 01/17/05

Undetected at reported detection limit

Client ID: LDW-Sg5a-15-16 ARI ID: 04-23368 HN92D

Analyte	Date	Method	Units	RL	Sample
Total Solids	01/10/05 011005#3	EPA 160.3	Percent	0.01	51.70
Total Organic Carbon	01/15/05 011505#1	Plumb, 1981	Percent	0.020	2.14
RL Analytical reporting	ng limit				



Matrix: Sediment

Data Release Authorized:

Reported: 01/17/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23

Date Sampled: 12/28/04 Date Received: 12/29/04

Client ID: LDW-Sg5a-20-21 ARI ID: 04-23369 HN92E

Analyte	Date	Method	Units	RL	Sample
Total Solids	01/10/05 011005#3	EPA 160.3	Percent	0.01	53.50
Total Organic Carbon	01/15/05 011505#1	Plumb, 1981	Percent	0.020	1.94

RL Analytical reporting limit

U Undetected at reported detection limit



Matrix: Sediment

Data Release Authorized:

Reported: 01/17/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23

Date Sampled: 12/28/04 Date Received: 12/29/04

Client ID: LDW-Sg5a-25-26 ARI ID: 04-23370 HN92F

Analyte	Date	Method	Units	RL	Sample
Total Solids	01/10/05 011005#3	EPA 160.3	Percent	0.01	53.40
Total Organic Carbon	01/15/05 011505#1	Plumb, 1981	Percent	0.020	2.13
RL Analytical reporting Undetected at report		limit			



Matrix: Sediment

Data Release Authorized:

Reported: 01/17/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23

Date Sampled: 12/28/04 Date Received: 12/29/04

Client ID: LDW-Sq5a-30-32 ARI ID: 04-23371 HN92G

Analyte	Date	Method	Units	RL	Sample
Total Solids	01/10/05 011005#3	EPA 160.3	Percent	0.01	54.30
Total Organic Carbon	01/15/05 011505#1	Plumb, 1981	Percent	0.020	1.74

RLAnalytical reporting limit

U .. Undetected at reported detection limit



Matrix: Sediment

Data Release Authorized:

Reported: 01/17/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23
Date Sampled: 12/28/04
Date Received: 12/29/04

Client ID: LDW-Sg5a-30-32 FD

ARI ID: 04-23372 HN92H

Analyte	Date	Method	Units	RL	Sample
Total Solids	01/10/05 011005#3	EPA 160.3	Percent	0.01	54.60
Total Organic Carbon	01/15/05 011505#1	Plumb,1981	Percent	0.020	1.82

RL Analytical reporting limit

IJ Undetected at reported detection limit



Matrix: Sediment

Data Release Authorized:

Reported: 01/17/05

Project: LDW RI Sediment Transport
Event: 04-08-06-23
Date Sampled: 12/28/04
Date Received: 12/29/04

Client ID: LDW-Sg5a-35-36 ARI ID: 04-23373 HN92I

Analyte	Date	Method	Units	RL	Sample
Total Solids	01/10/05 011005#3	EPA 160.3	Percent	0.01	53.20
Total Organic Carbon	01/15/05 011505#1	Plumb,1981	Percent	0.020	2.10
RL Analytical reporting U Undetected at report		ı limit			



Matrix: Sediment

Data Release Authorized:

Reported: 01/17/05

Project: LDW RI Sediment Transport Event: 04-08-06-23 Date Sampled: 12/28/04 Date Received: 12/29/04

Client ID: LDW-Sq5a-40-42 ARI ID: 04-23374 HN92J

Analyte	Date	Method	Units	RL	Sample
Total Solids	01/10/05 011005#3	EPA 160.3	Percent	0.01	54.40
Total Organic Carbon	01/16/05 011605#1	Plumb, 1981	Percent	0.020	1.80
RI Analytical reportir	og limit				

Analytical reporting limit

U Undetected at reported detection limit



Matrix: Sediment
Data Release Authorized:

Reported: 01/17/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23
Date Sampled: 12/28/04
Date Received: 12/29/04

Analyte	Date	Units	Sample	Replicate(s)	RPD/RSD
ARI ID: HN92J Client ID	: LDW-Sg5a-40-42				
Total Solids	01/10/05	Percent	54.40	54.40 54.60	0.2%
Total Organic Carbon	01/16/05	Percent	1.80	1.89 2.01	5.5%



Matrix: Sediment

Data Release Authorized:

Reported: 01/17/05

Project: LDW RI Sediment Transport Event: 04-08-06-23 Date Sampled: 12/28/04

Date Received: 12/29/04

Client ID: LDW-Sg5a-45-46 ARI ID: 04-23375 HN92K

Analyte	Date	Method	Units	RL	Sample
Total Solids	01/10/05 011005#3	EPA 160.3	Percent	0.01	53.30
Total Organic Carbon	01/16/05 011605#1	Plumb, 1981	Percent	0.020	2.04

RLAnalytical reporting limit

Ū Undetected at reported detection limit



Matrix: Sediment

Data Release Authorized:

Reported: 01/17/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23

Date Sampled: 12/28/04 Date Received: 12/29/04

Client ID: LDW-Sg5a-50-51 ARI ID: 04-23376 HN92L

Analyte		Date	Method	Units	\mathtt{RL}	Sample
Total Solids	٠.	01/10/05 011005#3	EPA 160.3	Percent	0.01	50.80
Total Organic Carbon		01/16/05 011605#1	Plumb,1981	Percent	0.020	2.04

RL Analytical reporting limit

U Undetected at reported detection limit



Matrix: Sediment

Data Release Authorized:

Reported: 01/17/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23

Date Sampled: 12/28/04 Date Received: 12/29/04

Client ID: LDW-Sg5a-55-56 ARI ID: 04-23377 HN92M

Analyte	Date	Method	Units	RL	Sample
Total Solids	01/10/05 011005#3	EPA 160.3	Percent	0.01	45.20
Total Organic Carbon	01/16/05 011605#1	Plumb,1981	Percent	0.020	2.32

RLAnalytical reporting limit U.

Undetected at reported detection limit



Matrix: Sediment

Data Release Authorized:

Reported: 01/17/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23

Date Sampled: 12/28/04 Date Received: 12/29/04

Client ID: LDW-Sg5a-60-61 ARI ID: 04-23378 HN92N

Analyte	Date	Method	Units	RL	Sample
Total Solids	/10/05 .1005#3	EPA 160.3	Percent	0.01	40.70
Total Organic Carbon	/16/05 1605#1	Plumb, 1981	Percent	0.020	3.27

RL.

Analytical reporting limit Undetected at reported detection limit U



Matrix: Sediment

Data Release Authorized:

Reported: 01/17/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23

Date Sampled: 12/28/04 Date Received: 12/29/04

Client ID: LDW-Sg5a-65-66 ARI ID: 04-23379 HN920

Analyte	Date	Method	Units	RL	Sample
Total Solids	01/10/05 011005#3	EPA 160.3	Percent	0.01	50.30
Total Organic Carbon	01/16/05 011605#1	Plumb,1981	Percent	0.020	1.89

RL. Analytical reporting limit U

Undetected at reported detection limit



Matrix: Sediment

Data Release Authorized:

Reported: 01/17/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23

Date Sampled: 12/28/04 Date Received: 12/29/04

Client ID: LDW-Sg5a-70-71 ARI ID: 04-23380 HN92P

Analyte	Date	Method	Units	RL	Sample
Total Solids	01/10/05 011005#3	EPA 160.3	Percent	0.01	46.70
Total Organic Carbon	01/16/05 011605#1	Plumb,1981	Percent	0.020	1.86

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Analytical reporting limit Undetected at reported detection limit U



Matrix: Sediment

Data Release Authorized:

Reported: 01/17/05

Project: LDW RI Sediment Transport Event: 04-08-06-23 Date Sampled: 12/28/04

Date Received: 12/29/04

Client ID: LDW-Sg5a-75-76 ARI ID: 04-23381 HN92Q

Analyte	Date	Method	Units	RL	Sample
Total Solids	01/10/05 011005#3	EPA 160.3	Percent	0.01	53.30
Total Organic Carbon	01/16/05 011605#1	Plumb, 1981	Percent	0.020	1.87

Analytical reporting limit RL

U Undetected at reported detection limit



Matrix: Sediment

Data Release Authorized:

Reported: 01/17/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23

Date Sampled: 12/28/04 Date Received: 12/29/04

Client ID: LDW-Sg5a-80-81 ARI ID: 04-23382 HN92R

Analyte	Date	Method	Units	RL	Sample
Total Solids	01/10/05 011005#3	EPA 160.3	Percent	0.01	53.10
Total Organic Carbon	01/16/05 011605#1	Plumb, 1981	Percent	0.020	2.18
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RL Analytical reporti U Undetected at repo		ı limit		·.	



Matrix: Sediment
Data Release Authorized:
Reported: 01/12/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23

Date Sampled: 12/22/04 Date Received: 12/22/04

Client ID: LDW-Sg6-0-1 ARI ID: 04-23213 HN70A

Analyte	Date	Method	Units	RL	Sample
Total Solids	01/03/05 010305#4	EPA 160.3	Percent	0.01	61.30
Total Organic Carbon	01/09/05 010905#1	Plumb,1981	Percent	0.020	2.01
RI. Analytical reporti	na limit			•	

U Undetected at reported detection limit



Matrix: Sediment

Data Release Authorized:

Reported: 01/12/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23

Date Sampled: 12/22/04 Date Received: 12/22/04

Client ID: LDW-Sg6-5-7 ARI ID: 04-23214 HN70B

Analyte	Date	Method	Units	RL	Sample
Total Solids	01/03/05 010305#4	EPA 160.3	Percent	0.01	65.50
Total Organic Carbon	01/09/05 010905#1	Plumb,1981	Percent	0.020	1.39

RL Analytical reporting limit

U Undetected at reported detection limit



Matrix: Sediment

Data Release Authorized:

Reported: 01/12/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23

Date Sampled: 12/22/04 Date Received: 12/22/04

Client ID: LDW-Sg6-5-7 FD ARI ID: 04-23215 HN70C

Analyte	Date	Method	Units	RL	Sample
Total Solids	01/03/05 010305#4	EPA 160.3	Percent	0.01	64.10
Total Organic Carbon	01/09/05 010905#1	Plumb, 1981	Percent	0.020	1.43
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RL Analytical reporting limit

U Undetected at reported detection limit



Matrix: Sediment

Project: LDW RI Sediment Transport

Data Release Authorized:

Event: 04-08-06-23

Reported: 01/12/05

Date Sampled: 12/22/04 Date Received: 12/22/04

Client ID: LDW-Sg6-10-11 ARI ID: 04-23216 HN70D

Analy	te	Date	Method	Units	RL	Sample
Total	Solids	01/03/05 010305#4	EPA 160.3	Percent	0.01	63.60
Total	Organic Carbon	01/09/05 010905#1	Plumb, 1981	Percent	0.020	1.74
					•	
RL U	Analytical reporting Undetected at report		limit			



Matrix: Sediment

Data Release Authorized: Reported: 01/12/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23

Date Sampled: 12/22/04 Date Received: 12/22/04

Client ID: LDW-Sg6-15-16 ARI ID: 04-23217 HN70E

Analyte	Date	Method	Units	RL	Sample
Total Solids	01/03/05 010305#4	EPA 160.3	Percent	0.01	66.10
Total Organic Carbon	01/09/05 010905#1	Plumb,1981	Percent	0.020	1.16
RL Analytical reporting U Undetected at reporte		n limit		• .	

Soil Sample Report-HN70



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Matrix: Sediment
Data Release Authorized:

Project: LDW RI Sediment Transport

Event: 04-08-06-23
Date Sampled: 12/22/04
Date Received: 12/22/04

Client ID: LDW-Sg6-20-21 ARI ID: 04-23218 HN70F

Analyte ————————————————————————————————————	Date	Method	Units	RL	Sample
Total Solids	01/03/05 010305#4	EPA 160.3	Percent	0.01	63.50
Total Organic Carbon	01/09/05 010905#1	Plumb,1981	Percent	0.020	1.40
RL Analytical reporti U Undetected at repo	-	limit			N.



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Matrix: Sediment
Data Release Authorized:

Project: LDW RI Sediment Transport

Event: 04-08-06-23

Date Sampled: 12/22/04 Date Received: 12/22/04

Client ID: LDW-Sg6-25-27 ARI ID: 04-23219 HN70G

Analyte	Date	Method	Units	RL	Sample
Total Solids	01/03/05 010305#4	EPA 160.3	Percent	0.01	54.90
Total Organic Carbon	01/09/05 010905#1	Plumb, 1981	Percent	0.020	2.22
RL Analytical reportin U Undetected at repor		limit	·		



Matrix: Sediment

Data Release Authorized:

Reported: 01/12/05

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Project: LDW RI Sediment Transport Event: 04-08-06-23 Date Sampled: 12/22/04 Date Received: 12/22/04

Analyte	Date	Units	Sample	Replicate(s)	RPD/RSD
ARI ID: HN70G Client ID:	LDW-Sg6-25-27				
Total Solids	01/03/05	Percent	54.90	53.90 53.50	1.3%
Total Organic Carbon	01/09/05	Percent	2.22	2.24 2.24	0.5%



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Matrix: Sediment
Data Release Authorized:

Reported: 01/12/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23
Date Sampled: 12/22/04
Date Received: 12/22/04

Client ID: LDW-Sg6-30-31 ARI ID: 04-23220 HN70H

Analyte	Date	Method	Units	RL	Sample
Total Solids	01/03/05 010305#4	EPA 160.3	Percent	0.01	51.10
Total Organic Carbon	01/09/05 010905#1	Plumb, 1981	Percent	0,020	2.32
RL Analytical reporting Undetected at report		ılimit			



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Matrix: Sediment

Data Release Authorized:

Reported: 01/12/05

Project: LDW RI Sediment Transport Event: 04-08-06-23 Date Sampled: 12/22/04 Date Received: 12/22/04

Client ID: LDW-Sg6-35-36 ARI ID: 04-23221 HN70I

Analyte	Date	Method	Units	RL	Sample
Total Solids	01/03/05 010305#4	EPA 160.3	Percent	0.01	54.40
Total Organic Carbon	01/09/05 010905#1	Plumb,1981	Percent	0.020	1.36
RL Analytical reporting U Undetected at reporte		limit			·



Matrix: Sediment

Data Release Authorized:

Reported: 01/12/05

Project: LDW RI Sediment Transport Event: 04-08-06-23 Date Sampled: 12/22/04 Date Received: 12/22/04

Client ID: LDW-Sq6-40-41 ARI ID: 04-23222 HN70J

Analyte	Date	Method	Units	RL	Sample
Total Solids	01/03/05 010305#4	EPA 160.3	Percent	0.01	59.50
Total Organic Carbon	01/09/05 010905#1	Plumb, 1981	Percent	0.020	2.20
RL Analytical reporti U Undetected at repo		limit			



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Matrix: Sediment

Data Release Authorized:

Reported: 01/12/05

Project: LDW RI Sediment Transport Event: 04-08-06-23 Date Sampled: 12/22/04 Date Received: 12/22/04

Client ID: LDW-Sg6-45-46 ARI ID: 04-23223 HN70K

Analyte	Date	Method	Units	RL	Sample
Total Solids	01/03/05 010305#4	EPA 160.3	Percent	0.01	59.30
Total Organic Carbon	01/09/05 010905#1	Plumb,1981	Percent	0.020	2.06
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RL Analytical reporting Undetected at reporting Undetected at reporting the RL		n limit		·	
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Matrix: Sediment

Data Release Authorized:

Reported: 01/12/05

Project: LDW RI Sediment Transport
Event: 04-08-06-23
Date Sampled: 12/22/04
Date Received: 12/22/04

Client ID: LDW-Sq6-50-51 ARI ID: 04-23224 HN70L

Analyte	Date	Method	Units	RL,	Sample
Total Solids	01/03/05 010305#4	EPA 160.3	Percent	0.01	61.90
Total Organic Carbon	01/09/05 010905#1	Plumb, 1981	Percent	0.020	2.04
RL Analytical reporti U Undetected at repo		ı limit			



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Matrix: Sediment

Data Release Authorized:

Reported: 01/12/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23

Date Sampled: 12/22/04 Date Received: 12/22/04

Client ID: LDW-Sg6-55-56 ARI ID: 04-23225 HN70M

Analyte	Date	Method	Units	RL	Sample
Total Solids	01/03/05 010305#4	EPA 160.3	Percent	0.01	59.90
Total Organic Carbon	01/09/05 010905#1	Plumb,1981	Percent	0.020	1.47
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RL Analytical report: U Undetected at report		n limit			



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Matrix: Sediment

Data Release Authorized:

Reported: 01/12/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23

Date Sampled: 12/22/04 Date Received: 12/22/04

Client ID: LDW-Sg6-60-61 ARI ID: 04-23226 HN70N

Analyte	Date	Method	Units	RL	Sample
Total Solids	01/03/05 010305#4	EPA 160.3	Percent	0.01	61.10
Total Organic Carbon	01/09/05 010905#1	Plumb, 1981	Percent	0.020	2.06
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Analytical reporting limit



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Matrix: Sediment

Data Release Authorized:

Reported: 01/12/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23
Date Sampled: 12/22/04
Date Received: 12/22/04

Client ID: LDW-Sg6-65-66 ARI ID: 04-23227 HN700

Analyte	Date	Method	Units	RL	Sample	
Total Solids	01/03/05 010305#4	EPA 160.3	Percent	0.01	63.70	
Total Organic Carbon	01/09/05 010905#1	Plumb, 1981	Percent	0.020	2.01	
RL Analytical reporti U Undetected at repo	ng limit rted detection	limit				



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Matrix: Sediment

Data Release Authorized:

Reported: 01/12/05

Project: LDW RI Sediment Transport Event: 04-08-06-23 Date Sampled: 12/22/04 Date Received: 12/22/04

Client ID: LDW-Sq6-70-71 ARI ID: 04-23228 HN70P

Analyte	Date	Method	Units	RL	Sample
Total Solids	01/03/05 010305#4	EPA 160.3	Percent	0.01	72.60
Total Organic Carbon	01/09/05 010905#1	Plumb, 1981	Percent	0.020	1.76

RLAnalytical reporting limit



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Matrix: Sediment

Data Release Authorized:

Reported: 01/12/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23

Date Sampled: 12/22/04 Date Received: 12/22/04

Client ID: LDW-Sg6-75-76 ARI ID: 04-23229 HN70Q

Analyte	Date	Method	Units	RL	Sample
Total Solids	01/03/05 010305#4	EPA 160.3	Percent	0.01	60.80
Total Organic Carbon	01/09/05 010905#1	Plumb,1981	Percent	0.020	2.24

RLAnalytical reporting limit

Undetected at reported detection limit U.

Soil Sample Report-HN70



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Matrix: Sediment

Data Release Authorized:

Reported: 01/12/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23

Date Sampled: 12/22/04 Date Received: 12/22/04

Client ID: LDW-Sq6-80-81 ARI ID: 04-23230 HN70R

Analyte	Date	Method	Units	RL	Sample
Total Solids	01/03/05 010305#4	EPA 160.3	Percent	0.01	64.40
Total Organic Carbon	01/09/05 010905#1	Plumb,1981	Percent	0.020	2.12

Analytical reporting limit



Matrix: Sediment

Data Release Authorized:

Reported: 01/07/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23

Date Sampled: 12/16/04 Date Received: 12/21/04

Client ID: LDW-Sg7-0-1 ARI ID: 04-23111 HN64A

Analyte	Date	Method	Units	RL	Sample
Total Solids	12/27/04 122704#4	EPA 160.3	Percent	0.01	50.30
Total Organic Carbon	01/04/05 010405#1	Plumb,1981	Percent	0.020	2.34

RL Analytical reporting limit



Matrix: Sediment

Data Release Authorized:

Reported: 01/07/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23
Date Sampled: 12/16/04
Date Received: 12/21/04

Client ID: LDW-Sg7-5-6 ARI ID: 04-23112 HN64B

Analyte	Date	Method	Units	RL	Sample
Total Solids	12/27/04 122704#4	EPA 160.3	Percent	0.01	58.00
Total Organic Carbon	01/04/05 010405#1	Plumb, 1981	Percent	0.020	1.89

RLAnalytical reporting limit



Matrix: Sediment

Data Release Authorized:

Reported: 01/07/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23
Date Sampled: 12/16/04
Date Received: 12/21/04

Client ID: LDW-Sg7-10-11 ARI ID: 04-23113 HN64C

Analyte	Date	Method	Units	RL	Sample
Total Solids	12/27/04 122704#4	EPA 160.3	Percent	0.01	55.80
Total Organic Carbon	01/04/05 010405#1	Plumb,1981	Percent	0.020	2.12

RLAnalytical reporting limit



Matrix: Sediment

Data Release Authorized:

Reported: 01/07/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23
Date Sampled: 12/16/04
Date Received: 12/21/04

Client ID: LDW-Sg7-15-16 ARI ID: 04-23114 HN64D

Analyte	Date	Method	Units	RL	Sample
Total Solids	12/27/04 122704#4	EPA 160.3	Percent	0.01	57.50
Total Organic Carbon	01/04/05 010405#1	Plumb,1981	Percent	0.020	1.92

RLAnalytical reporting limit



Matrix: Sediment

Data Release Authorized:

Reported: 01/07/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23

Date Sampled: 12/16/04 Date Received: 12/21/04

Client ID: LDW-Sg7-20-21 ARI ID: 04-23115 HN64E

Analyte	Date	Method	Units	RL -	Sample
Total Solids	12/27/04 122704#4	EPA 160.3	Percent	0.01	60.10
Total Organic Carbon	01/04/05 010405#1	Plumb, 1981	Percent	0.020	1.48

RLAnalytical reporting limit



Matrix: Sediment

Data Release Authorized:

Reported: 01/07/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23

Date Sampled: 12/16/04 Date Received: 12/21/04

Client ID: LDW-Sg7-25-26 ARI ID: 04-23116 HN64F

Analyte	Date	Method	Units	RL	Sample
Total Solids	12/27/04 122704#4	EPA 160.3	Percent	0.01	63.10
Total Organic Carbon	01/04/05 010405#1	Plumb,1981	Percent	0.020	1.30
RL Analytical reporting	limit				



Matrix: Sediment

Data Release Authorized:

Reported: 01/07/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23

Date Sampled: 12/16/04 Date Received: 12/21/04

Client ID: LDW-Sg7-30-31 ARI ID: 04-23117 HN64G

Analyte	Date	Method	Units	RL	Sample
Total Solids	12/27/04 122704#4	EPA 160.3	Percent	0.01	60.50
Total Organic Carbon	01/04/05 010405#1	Plumb,1981	Percent	0.020	1.78
DI Application apporti	na limit				

RL Analytical reporting limit



Matrix: Sediment

Data Release Authorized:

Reported: 01/07/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23

Date Sampled: 12/16/04

Date Received: 12/21/04

Client ID: LDW-Sg7-35-37 ARI ID: 04-23118 HN64H

Analyte	Date	Method	Units	RL	Sample
Total Solids	12/27/04 122704#4	EPA 160.3	Percent	0.01	64.20
Total Organic Carbon	01/04/05 010405#1	Plumb,1981	Percent	0.020	1.73

RLAnalytical reporting limit



Matrix: Sediment

Data Release Authorized:

Reported: 01/07/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23

Date Sampled: 12/16/04

Date Received: 12/21/04

Client ID: LDW-Sg7-35-37 FD ARI ID: 04-23119 HN64I

Analyte	Date	Method	Units	RL	Sample
Total Solids	12/27/04 122704#4	EPA 160.3	Percent	0.01	64.80
Total Organic Carbon	01/04/05 010405#1	Plumb, 1981	Percent	0.020	1.67
RL Analytical reportir	ng limit				

Analytical reporting limit



Matrix: Sediment

Data Release Authorized:

Reported: 01/07/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23

Date Sampled: 12/16/04 Date Received: 12/21/04

Client ID: LDW-Sg7-40-41 ARI ID: 04-23120 HN64J

Analyte	Date	Method	Units	RL	Sample
Total Solids	12/27/04 122704#4	EPA 160.3	Percent	0.01	60.60
Total Organic Carbon	01/04/05 010405#1	Plumb,1981	Percent	0.020	2.19

RLAnalytical reporting limit



Matrix: Sediment

Data Release Authorized:

Reported: 01/07/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23 Date Sampled: 12/16/04 Date Received: 12/21/04

Client ID: LDW-Sg7-45-46 ARI ID: 04-23121 HN64K

Analyte	Date	Method	Units	RL	Sample
Total Solids	12/27/04 122704#4	EPA 160.3	Percent	0.01	65.50
Total Organic Carbon	01/04/05 010405#1	Plumb,1981	Percent	0.020	1.93

RLAnalytical reporting limit



Matrix: Sediment

Data Release Authorized:

Reported: 01/07/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23

Date Sampled: 12/16/04 Date Received: 12/21/04

Client ID: LDW-Sg7-50-51 ARI ID: 04-23122 HN64L

Analyte	Date	Method	Units	RL	Sample
Total Solids	12/27/04 122704#4	EPA 160.3	Percent	0.01	63.80
Total Organic Carbon	01/04/05 010405#1	Plumb, 1981	Percent	0.020	1.73

RL Analytical reporting limit



Matrix: Sediment

Data Release Authorized:

Reported: 01/07/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23
Date Sampled: 12/16/04
Date Received: 12/21/04

Client ID: LDW-Sq7-55-57 ARI ID: 04-23123 HN64M

Analyte	Date	Method	Units	RL	Sample
Total Solids	12/27/04 122704#4	EPA 160.3	Percent	0.01	67.00
Total Organic Carbon	01/04/05 010405#1	Plumb,1981	Percent	0.020	1.65

RLAnalytical reporting limit



Matrix: Sediment

Data Release Authorized: Reported: 01/07/05

Project: LDW RI Sediment Transport
Event: 04-08-06-23
Date Sampled: 12/16/04
Date Received: 12/21/04

Analyte	Date	Units	Sample	Replicate(s)	RPD/RSD
ARI ID: HN64M Client ID:	LDW-sg7-55-57				
Total Solids	12/27/04	Percent	67.00	67.10 66.30	0.7%
Total Organic Carbon	01/04/05	Percent	1.65	1.30 1.37	12.9%



Matrix: Sediment

Data Release Authorized:

Reported: 01/07/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23 Date Sampled: 12/16/04

Date Received: 12/21/04

Client ID: LDW-Sq7-60-61 ARI ID: 04-23124 HN64N

Analyte	Date	Method	Units	RL	Sample
Total Solids	12/27/04 122704#4	EPA 160.3	Percent	0.01	68.60
Total Organic Carbon	01/04/05 010405#1	Plumb,1981	Percent	0.020	1.76

RLAnalytical reporting limit



Matrix: Sediment

Data Release Authorized:

Reported: 01/07/05

Project: LDW RI Sediment Transport Event: 04-08-06-23 Date Sampled: 12/16/04 Date Received: 12/21/04

Client ID: LDW-Sg7-65-66 ARI ID: 04-23125 HN640

Analyte	Date	Method	Units	RL.	Sample
Total Solids	12/27/04 122704#4	EPA 160.3	Percent	0.01	61.00
Total Organic Carbon	01/04/05 010405#1	Plumb, 1981	Percent	0.020	2.51

RLAnalytical reporting limit



Matrix: Sediment

Data Release Authorized:

Reported: 01/07/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23

Date Sampled: 12/16/04 Date Received: 12/21/04

Client ID: LDW-Sg7-70-71 ARI ID: 04-23126 HN64P

Analyte	Date	Method	Units	RL.	Sample
Total Solids	12/27/04 122704#4	EPA 160.3	Percent	0.01	61.50
Total Organic Carbon	01/04/05 010405#1	Plumb,1981	Percent	0.020	2.34
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Analytical reporting limit
Undetected at reported detection limit U



Matrix: Sediment

Data Release Authorized:

Reported: 01/07/05

Project: LDW RI Sediment Transport Event: 04-08-06-23 Date Sampled: 12/16/04 Date Received: 12/21/04

Client ID: LDW-Sq7-75-76 ARI ID: 04-23127 HN64Q

Analyte	Date	Method	Units	RL	Sample
Total Solids	12/27/04 122704#4	EPA 160.3	Percent	0.01	61.50
Total Organic Carbon	01/04/05 010405#1	Plumb,1981	Percent	0.020	1.64
RL Analytical reportin	ng limit				·



Matrix: Sediment

Data Release Authorized:

Reported: 01/07/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23

Date Sampled: 12/16/04 Date Received: 12/21/04

Client ID: LDW-Sg7-80-81 ARI ID: 04-23128 HN64R

Analyte	Date	Method	Units	RL	Sample
Total Solids	12/27/04 122704#4	EPA 160.3	Percent	0.01	56.70
Total Organic Carbon	01/04/05 010405#1	Plumb, 1981	Percent	0.020	2.20

RL Analytical reporting limit



Matrix: Sediment

Data Release Authorized:

Reported: 01/12/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23

Date Sampled: 12/21/04 Date Received: 12/22/04

Client ID: LDW-Sg8-0-1 ARI ID: 04-23195 HN69A

Analyte	Date	Method	Units	RL	Sample
Total Solids	01/03/05 010305#3	EPA 160.3	Percent	0.01	59.60
Total Organic Carbon	01/08/05 010805#1	Plumb, 1981	Percent	0.020	2.44

RL Analytical reporting limit



Matrix: Sediment

Data Release Authorized:

Reported: 01/12/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23

Date Sampled: 12/21/04 Date Received: 12/22/04

Client ID: LDW-Sg8-5-6 ARI ID: 04-23196 HN69B

Analyte	Date	Method	Units	RL	Sample
Total Solids	01/03/05 010305#3	EPA 160.3	Percent	0.01	56.40
Total Organic Carbon	01/08/05 010805#1	Plumb,1981	Percent	0.020	2.35

RLAnalytical reporting limit



Matrix: Sediment

Ū

Data Release Authorized:

Reported: 01/12/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23

Date Sampled: 12/21/04 Date Received: 12/22/04

Client ID: LDW-Sg8-10-11 ARI ID: 04-23197 HN69C

Analyte	Date	Method	Units	RL	Sample
Total Solids	01/03/05 010305#3	EPA 160.3	Percent	0.01	71.60
Total Organic Carbon	01/08/05 010805#1	Plumb, 1981	Percent	0.020	1.96

RLAnalytical reporting limit



Matrix: Sediment

Data Release Authorized:

Reported: 01/12/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23

Date Sampled: 12/21/04 Date Received: 12/22/04

Client ID: LDW-Sg8-15-17 ARI ID: 04-23198 HN69D

Analyte	Date	Method	Units	RL	Sample
Total Solids	01/03/05 010305#3	EPA 160.3	Percent	0.01	60.30
Total Organic Carbon	01/08/05 010805#1	•	Percent	0.020	1.95
RL Analytical reporti U Undetected at repo	rted detection				



Matrix: Sediment

Data Release Authorized:

Reported: 01/12/05

Project: LDW RI Sediment Transport Event: 04-08-06-23 Date Sampled: 12/21/04 Date Received: 12/22/04

Client ID: LDW-Sg8-15-17 FD ARI ID: 04-23199 HN69E

Analy	te	Date	Method	Units	RL	Sample
Total	Solids	01/03/05 010305#3	EPA 160.3	Percent	0.01	60.70
Total	Organic Carbon	01/08/05 010805#1	Plumb,1981	Percent	0.020	2.04
RL U	Analytical reporting Undetected at reporte		ı limit			



Matrix: Sediment

Data Release Authorized:

Reported: 01/12/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23

Date Sampled: 12/21/04 Date Received: 12/22/04

Client ID: LDW-Sg8-20-21 ARI ID: 04-23200 HN69F

Analyte	Date	Method	Units	RL	Sample
Total Solids	01/03/05 010305#3	EPA 160.3	Percent	0.01	54.60
Total Organic Carbon	01/09/05 010905#1	Plumb, 1981	Percent	0.020	2.07
The control of the co					

RLAnalytical reporting limit



Matrix: Sediment

Data Release Authorized: At Reported: 01/12/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23

Date Sampled: 12/21/04 Date Received: 12/22/04

Client ID: LDW-Sg8-25-26 ARI ID: 04-23201 HN69G

Analyte	 Date	Method	Units	RL	Sample
Total Solids	/03/05 .0305#3	EPA 160.3	Percent	0.01	62.10
Total Organic Carbon	/09/05 .0905#1	Plumb,1981	Percent	0.020	1.27
RL Analytical reporti U Undetected at repo		n limit			



Matrix: Sediment

Data Release Authorized:

Reported: 01/12/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23

Date Sampled: 12/21/04

Date Received: 12/22/04

Client ID: LDW-Sg8-30-31 ARI ID: 04-23202 HN69H

Analyte	Date	Method	Units	RL	Sample
Total Solids	01/03/05 010305#3	EPA 160.3	Percent	0.01	55.00
Total Organic Carbon	01/09/05 010905#1	Plumb,1981	Percent	0.020	2.42

RLAnalytical reporting limit



Matrix: Sediment

Data Release Authorized:

Reported: 01/12/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23

Date Sampled: 12/21/04 Date Received: 12/22/04

Client ID: LDW-Sg8-35-36 ARI ID: 04-23203 HN69I

Analyte	Date	Method	Units	RL	Sample
Total Solids	01/03/05 .010305#3	EPA 160.3	Percent	0.01	55.60
Total Organic Carbon	01/09/05 010905#1	Plumb, 1981	Percent	0.020	2.22
RL Analytical reporting J U Undetected at reported		limit			



Matrix: Sediment

Data Release Authorized:

Reported: 01/12/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23

Date Sampled: 12/21/04 Date Received: 12/22/04

Client ID: LDW-Sg8-40-42 ARI ID: 04-23204 HN69J

Analyte	Date	Method	Units	RL	Sample
Total Solids	01/03/05 010305#3	EPA 160.3	Percent	0.01	58.80
Total Organic Carbon	01/09/05 010905#1	Plumb, 1981	Percent	0.020	1.77
RI. Analytical reporti	ng limit				•

Analytical reporting limit



Matrix: Sediment

Data Release Authorized:

Reported: 01/12/05

Project: LDW RI Sediment Transport Event: 04-08-06-23

Date Sampled: 12/21/04 Date Received: 12/22/04

Analyte	Date	Units	Sample	Replicate(s)	RPD/RSD
ARI ID: HN69J Clie	nt ID: LDW-Sg8-40-42				-
Total Solids	01/03/05	Percent	58.80	58.70 58.10	0.6%
Total Organic Carbon	01/09/05	Percent	1.77	1.90 1.99	5.9%



Matrix: Sediment

Data Release Authorized:

Reported: 01/12/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23

Date Sampled: 12/21/04 Date Received: 12/22/04

Client ID: LDW-Sg8-45-46 ARI ID: 04-23205 HN69K

Analyte	Date	Method	Units	RL	Sample
Total Solids	01/03/05 010305#3	EPA 160.3	Percent	0.01	57.60
Total Organic Carbon	01/09/05 010905#1	Plumb,1981	Percent	0.020	1.90

RLAnalytical reporting limit



Matrix: Sediment

Data Release Authorized:

Reported: 01/12/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23

Date Sampled: 12/21/04 Date Received: 12/22/04

Client ID: LDW-Sg8-50-51 ARI ID: 04-23206 HN69L

Analyte	Date	Method	Units	RL	Sample
Total Solids	01/03/05 010305#3	EPA 160.3	Percent	0.01	59.10
Total Organic Carbon	01/09/05 010905#1	Plumb,1981	Percent	0.020	1.61

RLAnalytical reporting limit



Matrix: Sediment

Data Release Authorized: Reported: 01/12/05

Project: LDW RI Sediment Transport Event: 04-08-06-23 Date Sampled: 12/21/04 Date Received: 12/22/04

Client ID: LDW-Sg8-55-56 ARI ID: 04-23207 HN69M

Analyte	Date	Method	Units	RL	Sample
Total Solids	01/03/05 010305#3	EPA 160.3	Percent	0.01	63.00
Total Organic Carbon	01/09/05 010905#1	Plumb, 1981	Percent	0.020	1.12
RL Analytical reporting Undetected at report		limit			



Matrix: Sediment

Data Release Authorized:

Reported: 01/12/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23

Date Sampled: 12/21/04 Date Received: 12/22/04

Client ID: LDW-Sg8-60-61 ARI ID: 04-23208 HN69N

Analyte	Date	Method	Units	RL	Sample
Total Solids	01/03/05 010305#3	EPA 160.3	Percent	0.01	58.60
Total Organic Carbon	01/09/05 010905#1	Plumb, 1981	Percent	0.020	2.03

RL Analytical reporting limit



Deliver Plant in Mills

Matrix: Sediment

Data Release Authorized:

Reported: 01/12/05

Project: LDW RI Sediment Transport Event: 04-08-06-23 Date Sampled: 12/21/04 Date Received: 12/22/04

Client ID: LDW-Sg8-65-66 ARI ID: 04-23209 HN690

Analyte	Date	Method	Units	RL	Sample
Total Solids	01/03/05 010305#3	EPA 160.3	Percent	0.01	64.30
Total Organic Carbon	01/09/05 010905#1	Plumb,1981	Percent	0.020	1.52
RL Analytical reporting	limit	•	•		



Matrix: Sediment

Data Release Authorized:

Reported: 01/12/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23

Date Sampled: 12/21/04 Date Received: 12/22/04

Client ID: LDW-Sg8-70-71 ARI ID: 04-23210 HN69P

Analyte	Date	Method	Units	RL	Sample
Total Solids	01/03/05 010305#3	EPA 160.3	Percent	0.01	68.20
Total Organic Carbon	01/09/05 010905#1	Plumb,1981	Percent	0.020	1.36
RL Analytical reporting Undetected at reporting	•	limit			



Congression of the

Matrix: Sediment

Data Release Authorized:

Reported: 01/12/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23

Date Sampled: 12/21/04 Date Received: 12/22/04

Client ID: LDW-Sg8-75-76 ARI ID: 04-23211 HN690

Analyte	Date	Method	Units	RL	Sample
Total Solids	01/03/05 010305#3	EPA 160.3	Percent	0.01	56.20
Total Organic Carbon	01/09/05 010905#1	Plumb,1981	Percent	0.020	2.73
		•	4, 4, 4		*
RL Analytical reporti U Undetected at repo		limit			



Matrix: Sediment

Data Release Authorized:

Reported: 01/12/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23

Date Sampled: 12/21/04 Date Received: 12/22/04

Client ID: LDW-Sg8-80-81 ARI ID: 04-23212 HN69R

Analyte	Date	Method	Units	RL	Sample
Total Solids	01/03/05 010305#3	EPA 160.3	Percent	0.01	70.40
Total Organic Carbon	01/09/05 010905#1	Plumb,1981	Percent	0.020	1.11

RĻ Analytical reporting limit



Matrix: Sediment

Data Release Authorized:

Reported: 01/12/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23
Date Sampled: 12/21/04
Date Received: 12/21/04

Client ID: LDW-Sq9-0-1 ARI ID: 04-23177 HN68A

Analyte	Date	Method	Units	RL	Sample
Total Solids	01/03/05 010305#2	EPA 160.3	Percent	0.01	63.40
Total Organic Carbon	01/07/05 010705#1	Plumb,1981	Percent	0.020	1.38
RI. Analytical reportin	g limit			·	

Analytical reporting limit



Matrix: Sediment

Data Release Authorized:

Reported: 01/12/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23

Date Sampled: 12/21/04 Date Received: 12/21/04

Client ID: LDW-Sg9-5-6 ARI ID: 04-23178 HN68B

Analyte	Date	Method	Units	RL	Sample
Total Solids	01/03/05 010305#2	EPA 160.3	Percent	0.01	73.50
Total Organic Carbon	01/07/05 010705#1	Plumb, 1981	Percent	0.020	1.05

RLAnalytical reporting limit



Matrix: Sediment

Data Release Authorized:

Reported: 01/12/05

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Project: LDW RI Sediment Transport

Event: 04-08-06-23

Date Sampled: 12/21/04 Date Received: 12/21/04

Client ID: LDW-Sg9-10-11 ARI ID: 04-23179 HN68C

Analyte	Date	Method	Units	RL	Sample
Total Solids	01/03/05 010305#2	EPA 160.3	Percent	0.01	64.30
Total Organic Carbon	01/07/05 010705#1	Plumb, 1981	Percent	0.020	1.59

RL Analytical reporting limit



Matrix: Sediment

Data Release Authorized:

Reported: 01/12/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23

Date Sampled: 12/21/04 Date Received: 12/21/04

Client ID: LDW-Sq9-15-16 ARI ID: 04-23180 HN68D

Analyte	Date	Method	Units	RL	Sample
Total Solids	01/03/05 010305#2	EPA 160.3	Percent	0.01	63.60
Total Organic Carbon	01/07/05 010705#1	Plumb, 1981	Percent	0.020	1.13

RLAnalytical reporting limit



Matrix: Sediment

Data Release Authorized:

Reported: 01/12/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23
Date Sampled: 12/21/04
Date Received: 12/21/04

Client ID: LDW-Sq9-20-22 ARI ID: 04-23181 HN68E

Analyte	Date	Method	Units	RL	Sample
Total Solids	01/03/05 010305#2	EPA 160.3	Percent	0.01	58.30
Total Organic Carbon	01/07/05 010705#1	Plumb,1981	Percent	0.020	1.21

Analytical reporting limit RL



Matrix: Sediment

Data Release Authorized:

Reported: 01/12/05

Project: LDW RI Sediment Transport Event: 04-08-06-23 Date Sampled: 12/21/04 Date Received: 12/21/04

Client ID: LDW-Sg9-20-22 FD ARI ID: 04-23182 HN68F

Analyte	Date	Method	Units	RL	Sample
Total Solids	01/03/05 010305#2	EPA 160.3	Percent	0.01	58.40
Total Organic Carbon	01/07/05 010705#1	Plumb,1981	Percent	0.020	1.22
RL Analytical repo U Undetected at r	rting limit eported detection	limit		·	



Matrix: Sediment

Data Release Authorized:

Reported: 01/12/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23
Date Sampled: 12/21/04
Date Received: 12/21/04

Client ID: LDW-Sq9-25-26 ARI ID: 04-23183 HN68G

Analyte	Date	Method	Units	RL	Sample
Total Solids	01/03/05 010305#2	EPA 160.3	Percent	0.01	63.00
Total Organic Carbon	01/07/05 010705#1	Plumb, 1981	Percent	0.020	0.922
RL Analytical reporting	limit				



Matrix: Sediment

Data Release Authorized:

Reported: 01/12/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23

Date Sampled: 12/21/04 Date Received: 12/21/04

Client ID: LDW-Sq9-30-31 ARI ID: 04-23184 HN68H

Analyte	Date	Method	Units	RL	Sample
Total Solids	01/03/05 010305#2	EPA 160.3	Percent	0.01	57.10
Total Organic Carbon	01/07/05 010705#1	Plumb, 1981	Percent	0.020	1.45

RL. Analytical reporting limit



Matrix: Sediment

Matrix: Sediment
Data Release Authorized: Reported: 01/12/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23

Date Sampled: 12/21/04 Date Received: 12/21/04

Client ID: LDW-Sg9-35-36 ARI ID: 04-23185 HN68I

Analyte	Date	Method	Units	RL	Sample
Total Solids	01/03/05 010305#2	EPA 160.3	Percent	0.01	66.30
Total Organic Carbon	01/07/05 010705#1	Plumb, 1981	Percent	0.020	1.07

RLAnalytical reporting limit ·U



Matrix: Sediment

Data Release Authorized:

Reported: 01/12/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23

Date Sampled: 12/21/04 Date Received: 12/21/04

Client ID: LDW-Sg9-40-41 ARI ID: 04-23186 HN68J

Analyte	Date	Method	Units	RL	Sample
Total Solids	01/03/05 010305#2	EPA 160.3	Percent	0.01	61.80
Total Organic Carbon	01/07/05 010705#1	Plumb,1981	Percent	0.020	1.32
RL Analytical reporting U Undetected at report	_	ı limit			



Matrix: Sediment

Matrix: Segiment
Data Release Authorized:

Reported: 01/12/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23

Date Sampled: 12/21/04 Date Received: 12/21/04

Client ID: LDW-Sg9-45-46 ARI ID: 04-23187 HN68K

Analyte	Date	Method	Units	RL	Sample
Total Solids	01/03/05 010305#2	EPA 160.3	Percent	0.01	69.60
Total Organic Carbon	01/07/05 010705#1	Plumb, 1981	Percent	0.020	0.651

Analytical reporting limit U Undetected at reported detection limit



Matrix: Sediment

Data Release Authorized:

Reported: 01/12/05

Project: LDW RI Sediment Transport Event: 04-08-06-23 Date Sampled: 12/21/04 Date Received: 12/21/04

Client ID: LDW-Sq9-50-51 ARI ID: 04-23188 HN68L

Analyte	Date	Method	Units	RL	Sample
Total Solids	01/03/05 010305#2	EPA 160.3	Percent	0.01	59.50
Total Organic Carbon	01/07/05 010705#1	Plumb, 1981	Percent	0.020	1.21

RLAnalytical reporting limit



Matrix: Sediment

Matrix: Sequence
Data Release Authorized:

Reported: 01/12/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23

Date Sampled: 12/21/04 Date Received: 12/21/04

Client ID: LDW-Sg9-55-56 ARI ID: 04-23189 HN68M

Analyte	Date	Method	Units	RL	Sample
Total Solids	01/03/05 010305#2	EPA 160.3	Percent	0.01	52.20
Total Organic Carbon	01/07/05 010705#1	Plumb, 1981	Percent	0.020	2.07

RLAnalytical reporting limit



Matrix: Sediment

Data Release Authorized:

Reported: 01/12/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23
Date Sampled: 12/21/04
Date Received: 12/21/04

Client ID: LDW-Sg9-60-62 ARI ID: 04-23190 HN68N

Analyte	Date	Method	Units	RL	Sample
Total Solids	01/03/05 010305#2	EPA 160.3	Percent	0.01	64.20
Total Organic Carbon	01/08/05 010805#1	Plumb,1981	Percent	0.020	1.36

RL Analytical reporting limit



Matrix: Sediment
Data Release Authorized:
Reported: 01/12/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23

Date Sampled: 12/21/04 Date Received: 12/21/04

Analyte		Date	Units	Sample	Replicate(s)	RPD/RSD
ARI ID: HN68N Clier	t ID:	LDW-Sg9-60-62				
Total Solids	- 11-	01/03/05	Percent	64.20	64.30 63.60	0.6%
Total Organic Carbon		01/08/05	Percent	1.36	1.37 1.25	5.0%



Matrix: Sediment

Data Release Authorized:

Reported: 01/12/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23

Date Sampled: 12/21/04 Date Received: 12/21/04

Client ID: LDW-Sg9-65-66 ARI ID: 04-23191 HN680

Analyte	Date	Method	Units	RL.	Sample
Total Solids	01/03/05 010305#2	EPA 160.3	Percent	0.01	60.90
Total Organic Carbon	01/08/05 010805#1	Plumb,1981	Percent	0.020	1.58

RL Analytical reporting limit



Matrix: Sediment

Data Release Authorized:

Reported: 01/12/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23 Date Sampled: 12/21/04 Date Received: 12/21/04

Client ID: LDW-Sg9-70-71 ARI ID: 04-23192 HN68P

Analyte	Date	Method	Units	RL	Sample
Total Solids	01/03/05 010305#2	EPA 160.3	Percent	0.01	67.30
Total Organic Carbon	01/08/05 010805#1	Plumb, 1981	Percent	0.020	2.99

Analytical reporting limit RL



Matrix: Sediment

Data Release Authorized: PReported: 01/12/05

Project: LDW RI Sediment Transport Event: 04-08-06-23 Date Sampled: 12/21/04 Date Received: 12/21/04

Client ID: LDW-Sg9-75-76 ARI ID: 04-23193 HN68Q

Analyte	Date	Method	Units	RL	Sample
Total Solids	01/03/05 010305#2	EPA 160.3	Percent	0.01	69.80
Total Organic Carbon	01/08/05 010805#1	Plumb, 1981	Percent	0.020	1.38
RL Analytical reporting Undetected at report	rted detection	limit			•



Matrix: Sediment

Matrix: Sediment

Data Release Authorized:

Reported: 01/12/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23

Date Sampled: 12/21/04 Date Received: 12/21/04

Client ID: LDW-Sg9-80-81 ARI ID: 04-23194 HN68R

Analyte	Date	Method	Units	RL	Sample
Total Solids	01/03/05 010305#2	EPA 160.3	Percent	0.01	70.40
Total Organic Carbon	01/08/05 010805#1	Plumb, 1981	Percent	0.020	1.25

RLAnalytical reporting limit



Matrix: Sediment

Data Release Authorized:

Reported: 01/12/05

Undetected at reported detection limit

Project: LDW RI Sediment Transport

Event: 04-08-06-23

Date Sampled: 12/20/04 Date Received: 12/21/04

Client ID: LDW-Sg10-0-1 ARI ID: 04-23159 HN67A

Analyte	Date	Method	Units	RL	Sample
Total Solids	12/29/04 122904#2	EPA 160.3	Percent	0.01	48.30
Total Organic Carbon	01/07/05 010705#1	Plumb, 1981	Percent	0.020	2.08
RL Analytical reportir	ng limit			•	



Matrix: Sediment

Data Release Authorized:

Reported: 01/12/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23

Date Sampled: 12/20/04 Date Received: 12/21/04

Client ID: LDW-Sg10-5-6 ARI ID: 04-23160 HN67B

Analyte	Date	Method	Units	RL	Sample
Total Solids	12/29/04 122904#2	EPA 160.3	Percent	0.01	50.50
Total Organic Carbon	01/07/05 010705#1	Plumb,1981	Percent	0.020	1.78

RL Analytical reporting limit



Matrix: Sediment

Data Release Authorized:

Reported: 01/12/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23

Date Sampled: 12/20/04 Date Received: 12/21/04

Client ID: LDW-Sg10-10-12 ARI ID: 04-23161 HN67C

Analyte	Date	Method	Units	RL	Sample
Total Solids	12/29/04 122904#2	EPA 160.3	Percent	0.01	52.50
Total Organic Carbon	01/07/05 010705#1	Plumb, 1981	Percent	0.020	1.67
RL Analytical reporting Undetected at report		ı limit			•



Matrix: Sediment

Data Release Authorized:

Reported: 01/12/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23

Date Sampled: 12/20/04 Date Received: 12/21/04

Client ID: LDW-Sg10-10-12 FD ARI ID: 04-23162 HN67D

Analyte	Date	Method	Units	RL	Sample
Total Solids	12/29/04 122904#2	EPA 160.3	Percent	0.01	52.00
Total Organic Carbon	01/07/05 010705#1	Plumb, 1981	Percent	0.020	1.44

RLAnalytical reporting limit



Matrix: Sediment

Data Release Authorized:

Reported: 01/12/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23

Date Sampled: 12/20/04 Date Received: 12/21/04

Client ID: LDW-Sg10-15-16 ARI ID: 04-23163 HN67E

Analyte	Date	Method	Units	RL	Sample
Total Solids	12/29/04 122904#2	EPA 160.3	Percent	0.01	56.00
Total Organic Carbon	01/07/05 010705#1	Plumb, 1981	Percent	0.020	1.23
RL Analytical reporting U Undetected at repo		ı limit			



Matrix: Sediment

Data Release Authorized:

Reported: 01/12/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23

Date Sampled: 12/20/04 Date Received: 12/21/04

Client ID: LDW-Sg10-20-21 ARI ID: 04-23164 HN67F

Analyte	Date	Method	Units	RL	Sample
					
Total Solids	12/29/04 122904#2	EPA 160.3	Percent	0.01	55.60
Total Organic Carbon	01/07/05 010705#1	Plumb,1981	Percent	0.020	1.36

RL Analytical reporting limit



Matrix: Sediment

Data Release Authorized:

Reported: 01/12/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23

Date Sampled: 12/20/04

Date Received: 12/21/04

Client ID: LDW-Sg10-25-26 ARI ID: 04-23165 HN67G

Analyte	Date	Method	Units	RL	Sample
Total Solids	12/29/04 122904#2	EPA 160.3	Percent	0.01	56.60
Total Organic Carbon	01/07/05 010705#1	Plumb,1981	Percent	0.020	1.85

RL

Analytical reporting limit Undetected at reported detection limit U



Matrix: Sediment

Data Release Authorized:

Reported: 01/12/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23

Date Sampled: 12/20/04 Date Received: 12/21/04

Client ID: LDW-Sg10-30-31 ARI ID: 04-23166 HN67H

Date	Method	Units	RL	Sample
12/29/04 122904#2	EPA 160.3	Percent	0.01	52.40
01/07/05 010705#1	Plumb, 1981	Percent	0.020	1.57
	12/29/04 122904#2 01/07/05	12/29/04 EPA 160.3 122904#2 01/07/05 Plumb,1981	12/29/04 EPA 160.3 Percent 122904#2 01/07/05 Plumb,1981 Percent	12/29/04 EPA 160.3 Percent 0.01 122904#2 01/07/05 Plumb,1981 Percent 0.020



Matrix: Sediment

Data Release Authorized:

Reported: 01/12/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23

Date Sampled: 12/20/04. Date Received: 12/21/04

Client ID: LDW-Sg10-35-36 ARI ID: 04-23167 HN67I

Analyte	Date	Method	Units	RL	Sample
Total Solids	12/29/04 122904#2	EPA 160.3	Percent	0.01	50.30
Total Organic Carbon	01/07/05 010705#1	Plumb, 1981	Percent	0.020	1.89

RLAnalytical reporting limit



Matrix: Sediment

Data Release Authorized:

Reported: 01/12/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23

Date Sampled: 12/20/04 Date Received: 12/21/04

Client ID: LDW-Sg10-40-41 ARI ID: 04-23168 HN67J

Analyte	Date	Method	Units	RL	Sample
Total Solids	12/29/04 122904#2	EPA 160.3	Percent	0.01	61.60
Total Organic Carbon	01/07/05 010705#1	Plumb, 1981	Percent	0.020	1.64

RL

Analytical reporting limit Undetected at reported detection limit U



Matrix: Sediment

Data Release Authorized:

Reported: 01/12/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23

Date Sampled: 12/20/04

Date Received: 12/21/04

Client ID: LDW-Sg10-45-46 ARI ID: 04-23169 HN67K

Analyte	Date	Method	Units	RL	Sample
Total Solids	12/29/04 122904#2	EPA 160.3	Percent	0.01	60.70
Total Organic Carbon	010705#1	Plumb, 1981	Percent	0.020	1.76

RL Analytical reporting limit



Matrix: Sediment

Data Release Authorized:

Reported: 01/12/05

Project: LDW RI Sediment Transport Event: 04-08-06-23 Date Sampled: 12/20/04 Date Received: 12/21/04

Client ID: LDW-Sg10-50-51 ARI ID: 04-23170 HN67L

Analyte	Date	Method	Units	RL	Sample
Total Solids	12/29/04 122904#2	EPA 160.3	Percent	0.01	55.60
Total Organic Carbon	01/07/05 010705#1	Plumb, 1981	Percent	0.020	1.76

RLAnalytical reporting limit



Matrix: Sediment

Data Release Authorized:

Reported: 01/12/05

Project: LDW RI Sediment Transport Event: 04-08-06-23

Date Sampled: 12/20/04 Date Received: 12/21/04

Client ID: LDW-Sg10-55-56 ARI ID: 04-23171 HN67M

Analyte	Date	Method	Units	RL	Sample
Total Solids	12/29/04 122904#2	EPA 160.3	Percent	0.01	57.00
Total Organic Carbon	01/07/05 010705#1	Plumb, 1981	Percent	0.020	1.72
RL Analytical reporting Undetected at reporting		limit			



Matrix: Sediment

Data Release Authorized:

Reported: 01/12/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23

Date Sampled: 12/20/04 Date Received: 12/21/04

Client ID: LDW-Sg10-60-61 ARI ID: 04-23172 HN67N

Analyte	Date	Method	Units	RL	Sample
Total Solids	12/29/04 122904#2	EPA 160.3	Percent	0.01	58.70
Total Organic Carbon	01/07/05 010705#1	Plumb, 1981	Percent	0.020	2.22
RL Analytical reporting Undetected at report		n limit			



Matrix: Sediment

Data Release Authorized:

Reported: 01/12/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23

Date Sampled: 12/20/04 Date Received: 12/21/04

Client ID: LDW-Sg10-65-66 ARI ID: 04-23173 HN670

Analyte	Date	Method	Units	RL	Sample
Total Solids	12/29/04 122904#2	EPA 160.3	Percent	0.01	55.60
Total Organic Carbon	01/07/05 010705#1	Plumb, 1981	Percent	0.020	1.96

Analytical reporting limit



Matrix: Sediment

Project: LDW RI Sediment Transport Event: 04-08-06-23

Data Release Authorized:

Reported: 01/12/05

Date Sampled: 12/20/04 Date Received: 12/21/04

Client ID: LDW-Sg10-70-71 ARI ID: 04-23174 HN67P

Analyte	Date	Method	Units	RĹ	Sample
Total Solids	12/29/04 122904#2	EPA 160.3	Percent	0.01	50.70
Total Organic Carbon	01/07/05 010705#1	Plumb, 1981	Percent	0.020	2.23
RL Analytical reporting Undetected at report		ılimit			



Matrix: Sediment

Data Release Authorized:

Reported: 01/12/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23

Date Sampled: 12/20/04 Date Received: 12/21/04

Client ID: LDW-Sg10-75-77 ARI ID: 04-23175 HN67Q

Analyte	Date	Method	Units	RL	Sample
Total Solids	12/29/04 122904#2	EPA 160.3	Percent	0.01	53.10
Total Organic Carbon	01/07/05 010705#1	Plumb, 1981	Percent	0.020	1.84
RL Analytical reporting Undetected at reporting Undetected Analytical Undete		ı limit			· ·



Matrix: Sediment

Data Release Authorized:

Reported: 01/12/05

Project: LDW RI Sediment Transport Event: 04-08-06-23

Date Sampled: 12/20/04 Date Received: 12/21/04

Analyte	Date	Units	Sample	Replicate(s)	RPD/RSD
ARI ID: HN67Q Client ID	: LDW-Sg10-75-	77			
Total Solids	12/29/04	Percent	53.10	53.20 53.20	0.1%
Total Organic Carbon	01/07/05	Percent	1.84	1.79 1.85	1.8%



Matrix: Sediment

Data Release Authorized:

Reported: 01/12/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23

Date Sampled: 12/20/04

Date Received: 12/21/04

Client ID: LDW-Sg10-80-81 ARI ID: 04-23176 HN67R

Analyte	Date	Method	Units	RL	Sample
Total Solids	12/29/04 122904#2	EPA 160.3	Percent	0.01	54.30
Total Organic Carbon	01/07/05 010705#1	Plumb, 1981	Percent	0.020	2.21

RLAnalytical reporting limit U



Matrix: Sediment

Data Release Authorized:

Reported: 01/17/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23

Date Sampled: 12/27/04 Date Received: 12/28/04

Client ID: LDW-Sg11b-0-2 ARI ID: 04-23334 HN81A

Analyte	Date	Method	Units	RL	Sample
Total Solids	01/06/05 010605#2	EPA 160.3	Percent	0.01	83.10
Total Organic Carbon	01/14/05 011405#1	Plumb,1981	Percent	0.020	0.804

RL Analytical reporting limit



Matrix: Sediment

Data Release Authorized:

Reported: 01/17/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23

Date Sampled: 12/27/04 Date Received: 12/28/04

Client ID: LDW-Sg11b-0-2 FD ARI ID: 04-23335 HN81B

Analy	rte	Date	Method	Units	RL	Sample
Total	Solids	01/06/05 010605#2	EPA 160.3	Percent	0.01	84.70
Total	Organic Carbon	01/14/05 011405#1	Plumb, 1981	Percent	0.020	0.890
RL U	Analytical reportin Undetected at repor		limit			



Matrix: Sediment

Data Release Authorized:

Reported: 01/17/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23

Date Sampled: 12/27/04 Date Received: 12/28/04

Client ID: LDW-Sg11b-5-6 ARI ID: 04-23336 HN81C

Analyte	Date	Method	Units	RL	Sample
Total Solids	01/06/05 010605#2	EPA 160.3	Percent	0.01	72.40
Total Organic Carbon	01/14/05 011405#1	Plumb,1981	Percent	0.020	0.954
DI Application I perception					

RL Analytical reporting limit



Matrix: Sediment

Data Release Authorized:

Reported: 01/17/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23

Date Sampled: 12/27/04 Date Received: 12/28/04

Client ID: LDW-Sg11b-10-11 ARI ID: 04-23337 HN81D

Analyte	Date	Method	Units	RL	Sample
Total Solids	01/06/05 010605#2	EPA 160.3	Percent	0.01	63.70
Total Organic Carbon	01/14/05 011405#1	Plumb,1981	Percent	0.020	1.75
RL Analytical reporting		n limi†			

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Matrix: Sediment

Project: LDW RI Sediment Transport

Data Release Authorized:

Event: 04-08-06-23

Reported: 01/17/05

Date Sampled: 12/27/04 Date Received: 12/28/04

Date Date R

Client ID: LDW-Sg11b-15-16 ARI ID: 04-23338 HN81E

Analyte	Date	Method	Units	RL	Sample
Total Solids	01/06/05 010605#2	EPA 160.3	Percent	0.01	63.90
Total Organic Carbon	01/14/05 011405#1	Plumb, 1981	Percent	0.020	1.82

RL Analytical reporting limit

U Undetected at reported detection limit

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Matrix: Sediment

Data Release Authorized:

Reported: 01/17/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23

Date Sampled: 12/27/04 Date Received: 12/28/04

Client ID: LDW-Sg11b-20-21 ARI ID: 04-23339 HN81F

Analyte	Date	Method	Units	RL	Sample
Total Solids	01/06/05 010605#2	EPA 160.3	Percent	0.01	64.50
Total Organic Carbon	01/14/05 011405#1	Plumb, 1981	Percent	0.020	1.83

RL Analytical reporting limit



Matrix: Sediment

Data Release Authorized:

Reported: 01/17/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23

Date Sampled: 12/27/04 Date Received: 12/28/04

Client ID: LDW-Sg11b-25-27 ARI ID: 04-23340 HN81G

Analyte	Date	Method	Units	RL	Sample
Total Solids	01/06/05 010605#2	EPA 160.3	Percent	0.01	65.10
Total Organic Carbon	01/14/05 011405#1	Plumb, 1981	Percent	0.020	1.70

Analytical reporting limit



Matrix: Sediment

Data Release Authorized:

Reported: 01/17/05

Project: LDW RI Sediment Transport Event: 04-08-06-23

Date Sampled: 12/27/04 Date Received: 12/28/04

Analyte	Date	Units	Sample	Replicate(s)	RPD/RSD
ARI ID: HN81G Client ID	: LDW-Sg11b-25	-27			
Total Solids	01/06/05	Percent	65.10	64.80 64.60	0.4%
Total Organic Carbon	01/14/05	Percent	1.70	1.64 1.59	3.4%



Matrix: Sediment

Project: LDW RI Sediment Transport

Data Release Authorized: Reported: 01/17/05

Event: 04-08-06-23 Date Sampled: 12/27/04

Date Sampled: 12/27/04 Date Received: 12/28/04

Client ID: LDW-Sg11b-30-31 ARI ID: 04-23341 HN81H

Analyte	Date	Method	Units	RL	Sample
Total Solids	01/06/05 010605#2	EPA 160.3	Percent	0.01	61.30
Total Organic Carbon	01/14/05 011405#1	Plumb,1981	Percent	0.020	2.10

RL Analytical reporting limit



Matrix: Sediment

Project: LDW RI Sediment Transport

Data Release Authorized:

Event: 04-08-06-23

Reported: 01/17/05

Date Sampled: 12/27/04 Date Received: 12/28/04

Client ID: LDW-Sg11b-35-36 ARI ID: 04-23342 HN81I

Analyte	Date	Method	Units	RL	Sample
Total Solids	01/06/05 010605#2	EPA 160.3	Percent	0.01	57.50
Total Organic Carbon	01/14/05 011405#1	Plumb,1981	Percent.	0.020	2.58

RLAnalytical reporting limit



Matrix: Sediment

Data Release Authorized:

Reported: 01/17/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23

Date Sampled: 12/27/04 Date Received: 12/28/04

Client ID: LDW-Sg11b-40-41 ARI ID: 04-23343 HN81J

Analyte	Date	Method	Units	RL	Sample
Total Solids	01/06/05 010605#2	EPA 160.3	Percent	0.01	60.70
Total Organic Carbon	01/14/05 011405#1	Plumb,1981	Percent	0.020	2.85

RLAnalytical reporting limit



Matrix: Sediment

Data Release Authorized:

Reported: 01/17/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23

Date Sampled: 12/27/04 Date Received: 12/28/04

Client ID: LDW-Sg11c-0-1 ARI ID: 04-23344 HN82A

Analyte	Date —	Method	Units	RL	Sample
Total Solids	01/06/05 010605#4	EPA 160.3	Percent	0.01	74.30
Total Organic Carbon	01/14/05 011405#1	Plumb, 1981	Percent	0.020	0.581

RLAnalytical reporting limit



Matrix: Sediment

Data Release Authorized:

Reported: 01/17/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23

Date Sampled: 12/27/04 Date Received: 12/28/04

Client ID: LDW-Sg11c-5-6 ARI ID: 04-23345 HN82B

Analyte	Date	Method	Units	RL	Sample
Total Solids	01/06/05 010605#4	EPA 160.3	Percent	0.01	77.60
Total Organic Carbon	01/14/05 011405#1	Plumb,1981	Percent	0.020	0.932

RL Analytical reporting limit



Matrix: Sediment

Data Release Authorized:

Reported: 01/17/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23

Date Sampled: 12/27/04 Date Received: 12/28/04

Client ID: LDW-Sg11c-10-12 ARI ID: 04-23346 HN82C

Analyte	Date	Method	Units	RL	Sample
Total Solids	01/06/05 010605#4	EPA 160.3	Percent	0.01	68.40
Total Organic Carbon	01/14/05 011405#1	Plumb, 1981	Percent	0.020	1.45
RL Analytical reporting Undetected at report		ılimit		· ·	

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Matrix: Sediment

Data Release Authorized:

Reported: 01/17/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23

Date Sampled: 12/27/04 Date Received: 12/28/04

Client ID: LDW-Sg11c-10-12 FD ARI ID: 04-23347 HN82D

Analyte	Date	Method	Units	RL	Sample
Total Solids	01/06/05	EPA 160.3	Percent	0.01	67.10
	010605#4				
Total Organic Carbon	01/14/05 011405#1	Plumb,1981	Percent	0.020	1.43
	% 				

RL Analytical reporting limit



Matrix: Sediment

Data Release Authorized:

Reported: 01/17/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23

Date Sampled: 12/27/04 Date Received: 12/28/04

Client ID: LDW-Sg11c-15-16 ARI ID: 04-23348 HN82E

Analyte	Date	Method	Units	RL	Sample
Total Solids	01/06/05 010605#4	EPA 160.3	Percent	0.01	60.90
Total Organic Carbon	01/14/05 011405#1	Plumb, 1981	Percent	0.020	1.96

RLAnalytical reporting limit



Matrix: Sediment

Data Release Authorized:

Reported: 01/17/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23

Date Sampled: 12/27/04 Date Received: 12/28/04

Client ID: LDW-Sg11c-20-21 ARI ID: 04-23349 HN82F

Percent	0.01	61.10
Percent	0.020	1.83
	Percent	rercent 0.020

RLAnalytical reporting limit



Matrix: Sediment

Data Release Authorized:

Reported: 01/17/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23

Date Sampled: 12/27/04 Date Received: 12/28/04

Client ID: LDW-Sg11c-25-26 ARI ID: 04-23350 HN82G

Analyte	Date	Method	Units	RL	Sample
Total Solids	01/06/05 010605#4	EPA 160.3	Percent	0.01	70.00
Total Organic Carbon	01/14/05 011405#1	Plumb, 1981	Percent	0.020	1.55

RL Analytical reporting limit



Matrix: Sediment

Project: LDW RI Sediment Transport

Data Release Authorized:

Event: 04-08-06-23

Reported: 01/17/05

Date Sampled: 12/27/04 Date Received: 12/28/04

Client ID: LDW-Sg11c-30-32 ARI ID: 04-23351 HN82H

Analyte	Date	Method	Units	RL	Sample
Total Solids	01/06/05 010605#4	EPA 160.3	Percent	0.01	60.10
Total Organic Carbon	01/14/05 011405#1	Plumb, 1981	Percent	0.020	1.87

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Analytical reporting limit Undetected at reported detection limit



Matrix: Sediment

Data Release Authorized:

Reported: 01/17/05

Event: 04-08-06-23

Project: LDW RI Sediment Transport

Date Sampled: 12/27/04 Date Received: 12/28/04

Analyte	Date	Units	Sample	Replicate(s)	RPD/RSD
ARI ID: HN82H Client II	: LDW-Sg11c-30	-32			
Total Solids	01/06/05	Percent	60.10	62.50 57.20	4.4%
Total Organic Carbon	01/14/05	Percent	1.87	1.68 1.59	8.3%



Matrix: Sediment

Data Release Authorized:

Reported: 01/10/05

Project: LDW RI Sediment Transport Event: 04-08-06-23 Date Sampled: 12/20/04 Date Received: 12/21/04

Client ID: LDW-Sg12-0-1 ARI ID: 04-23140 HN66A

Analyte	Date	Method	Units	RL	Sample
Total Solids	12/29/04 122904#3	EPA 160.3	Percent	0.01	41.50
Total Organic Carbon	01/06/05 010605#1	Plumb,1981	Percent	0.020	3.80
RL Analytical reporting	-	ı limi+			•



Matrix: Sediment

Data Release Authorized:

Reported: 01/10/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23

Date Sampled: 12/20/04 Date Received: 12/21/04

Client ID: LDW-Sg12-5-6 ARI ID: 04-23141 HN66B

Analy	te	Date	Method	Units	RL	Sample
Total	Solids	12/29/04 122904#3	EPA 160.3	Percent	0.01	58.30
Total	Organic Carbon	01/06/05 010605#1	Plumb,1981	Percent	0.020	2.77
RL U	Analytical reporting Undetected at reporte		limit		· .	



Matrix: Sediment

Data Release Authorized:

Reported: 01/10/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23
Date Sampled: 12/20/04
Date Received: 12/21/04

Client ID: LDW-Sg12-10-11 ARI ID: 04-23142 HN66C

Analyte	Date	Method	Units	RL	Sample
Total Solids	12/29/04 122904#3	EPA 160.3	Percent	0.01	50.50
Total Organic Carbon	01/06/05 010605#1	Plumb,1981	Percent	0.020	3.01
RL Analytical report	ting limit				



Matrix: Sediment

Matrix: Sediment
Data Release Authorized: Reported: 01/10/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23

Date Sampled: 12/20/04 Date Received: 12/21/04

Client ID: LDW-Sg12-15-16 ARI ID: 04-23143 HN66D

Analyte	Date	Method	Units	RL	Sample
Total Solids	12/29/04 122904#3	EPA 160.3	Percent	0.01	49.60
Total Organic Carbon	01/06/05 010605#1	Plumb, 1981	Percent	0.020	2.51

RLAnalytical reporting limit



Matrix: Sediment

Data Release Authorized:

Reported: 01/10/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23
Date Sampled: 12/20/04
Date Received: 12/21/04

Client ID: LDW-Sg12-20-21 ARI ID: 04-23144 HN66E

Analyte	Date	Method	Units	RL	Sample
Total Solids	12/29/04 122904#3	EPA 160.3	Percent	0.01	45.50
Total Organic Carbon	01/06/05 010605#1	Plumb,1981	Percent	0.020	3.11

RL Analytical reporting limit



Matrix: Sediment

Data Release Authorized:

Reported: 01/10/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23

Date Sampled: 12/20/04 Date Received: 12/21/04

Client ID: LDW-Sg12-25-26 ARI ID: 04-23145 HN66F

Analyte	Date	Method	Units	RL	Sample
Total Solids	12/29/04 122904#3	EPA 160.3	Percent	0.01	42.10
Total Organic Carbon	01/06/05 010605#1	Plumb, 1981	Percent	0.020	3.17

RL Analytical reporting limit



Matrix: Sediment

Data Release Authorized:

Reported: 01/10/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23

Date Sampled: 12/20/04 Date Received: 12/21/04

Client ID: LDW-Sg12-30-32 ARI ID: 04-23146 HN66G

Analyte	Date	Method	Units	RL	Sample
Total Solids	12/29/04 122904#3	EPA 160.3	Percent	0.01	44.80
Total Organic Carbon	01/06/05 010605#1	Plumb, 1981	Percent	0.020	3.78
RL Analytical reporti	ng limit	•			



Matrix: Sediment

Data Release Authorized:

Project: LDW RI Sediment Transport

Event: 04-08-06-23
Date Sampled: 12/20/04
Date Received: 12/21/04

Client ID: LDW-Sg12-30-32 FD ARI ID: 04-23147 HN66H

Analyte	Date	Method	Units	RL	Sample
Total Solids	12/29/04 122904#3	EPA 160.3	Percent	0.01	44.40
Total Organic Carbon	01/06/05 010605#1	Plumb,1981	Percent	0.020	3.93
RL Analytical reporting U Undetected at report		a limit			



Matrix: Sediment

Data Release Authorized:

Reported: 01/10/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23

Date Sampled: 12/20/04 Date Received: 12/21/04

Client ID: LDW-Sg12-35-36 ARI ID: 04-23148 HN66I

Analyte	Date	Method	Units	RL	Sample
Total Solids	12/29/04 122904#3	EPA 160.3	Percent	0.01	66.20
Total Organic Carbon	01/06/05 010605#1	Plumb, 1981	Percent	0.020	1.63
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Analytical reporting limit RL



Matrix: Sediment

Data Release Authorized:

Reported: 01/10/05

Project: LDW RI Sediment Transport Event: 04-08-06-23 Date Sampled: 12/20/04 Date Received: 12/21/04

Client ID: LDW-Sg12-40-41 ARI ID: 04-23149 HN66J

Analyte	Date	Method	Units	RL	Sample
Total Solids	12/29/04 122904#3	EPA 160.3	Percent	0.01	46.50
Total Organic Carbon	01/06/05 010605#1	Plumb, 1981	Percent	0.020	3.35

RL Analytical reporting limit



Matrix: Sediment

Data Release Authorized:

Reported: 01/10/05

Project: LDW RI Sediment Transport
Event: 04-08-06-23
Date Sampled: 12/20/04
Date Received: 12/21/04

Client ID: LDW-Sg12-45-46 ARI ID: 04-23150 HN66K

Analyte	Date	Method	Units	RL	Sample
Total Solids	12/29/04 122904#3	EPA 160.3	Percent	0.01	45.50
Total Organic Carbon	01/06/05 010605#1	Plumb,1981	Percent	0.020	3.11

RL

Analytical reporting limit Undetected at reported detection limit U



Matrix: Sediment

Data Release Authorized:

Reported: 01/10/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23
Date Sampled: 12/20/04
Date Received: 12/21/04

Client ID: LDW-Sg12-50-51 ARI ID: 04-23151 HN66L

Analyte	Date	Method	Units	RL	Sample
Total Solids	12/29/04 122904#3	EPA 160.3	Percent	0.01	40.70
Total Organic Carbon	01/06/05 010605#1	Plumb, 1981	Percent	0.020	4.00

RLAnalytical reporting limit



Matrix: Sediment

Data Release Authorized:

Reported: 01/10/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23

Date Sampled: 12/20/04 Date Received: 12/21/04

Client ID: LDW-Sg12-55-56 ARI ID: 04-23152 HN66M

Analyte	Date	Method	Units	RL	Sample
Total Solids	12/29/04 122904#3	EPA 160.3	Percent	0.01	39.20
Total Organic Carbon	01/06/05 010605#1	Plumb, 1981	Percent	0.020	4.68

RL Analytical reporting limit



Matrix: Sediment

Data Release Authorized:

Reported: 01/10/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23
Date Sampled: 12/20/04
Date Received: 12/21/04

Client ID: LDW-Sg12-60-62 ARI ID: 04-23153 HN66N

Analyte	Date	Method	Units	RL	Sample
Total Solids	12/29/04 122904#3	EPA 160.3	Percent	0.01	43.00
Total Organic Carbon	01/06/05 010605#1	Plumb, 1981	Percent	0.020	3.97
RL Analytical reporting Undetected at report	_	ı limit	* .		



Matrix: Sediment

Matrix: Segment
Data Release Authorized:

Project: LDW RI Sediment Transport Event: 04-08-06-23 Date Sampled: 12/20/04 Date Received: 12/21/04

Analyte		Date	Units	Sample	Replicate(s)	RPD/RSD
ARI ID: HN66N	Client ID:	LDW-Sg12-60-62				
Total Solids		12/29/04	Percent	43.00	43.30 43.00	0.4%
Total Organic C	arbon	01/06/05	Percent	3.97	3.84 3.60	4.9%



Matrix: Sediment

Project: LDW RI Sediment Transport

Data Release Authorized: Reported: 01/10/05

Event: 04-08-06-23 Date Sampled: 12/20/04

Date Received: 12/21/04

Client ID: LDW-Sg12-65-66 ARI ID: 04-23154 HN660

Analyte	Date	Method	Units	RL	Sample
Total Solids	12/29/04 122904#3	EPA 160.3	Percent	0.01	46.50
Total Organic Carbon	01/06/05 010605#1	Plumb,1981	Percent	0.020	3.28

RLAnalytical reporting limit U



Matrix: Sediment

Data Release Authorized:

Reported: 01/10/05

Project: LDW RI Sediment Transport Event: 04-08-06-23

Date Sampled: 12/20/04 Date Received: 12/21/04

Client ID: LDW-Sg12-70-71 ARI ID: 04-23155 HN66P

Analyte	Date	Method	Units	RL,	Sample
Total Solids	12/29/04 122904#3	EPA 160.3	Percent	0.01	48.80
Total Organic Carbon	01/06/05 010605#1	Plumb, 1981	Percent	0.020	2.71
RL Analytical reporting U Undetected at report	-	ı limit			



Matrix: Sediment

Data Release Authorized:

Reported: 01/10/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23

Date Sampled: 12/20/04 Date Received: 12/21/04

Client ID: LDW-Sg12-75-76 ARI ID: 04-23156 HN66Q

Analyte	Date	Method	Units	RL	Sample
Total Solids	12/29/04 122904#3	EPA 160.3	Percent	0.01	42.30
Total Organic Carbon	01/06/05 010605#1	Plumb, 1981	Percent	0.020	3.82

RLAnalytical reporting limit



Matrix: Sediment

Data Release Authorized:

Reported: 01/10/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23

Date Sampled: 12/20/04 Date Received: 12/21/04

Client ID: LDW-Sg12-80-81 ARI ID: 04-23157 HN66R

Analyte	Date	Method	Units	RL	Sample
Total Solids	12/29/04 122904#3	EPA 160.3	Percent	0.01	42.70
Total Organic Carbon	01/06/05 010605#1	Plumb,1981	Percent	0.020	3.62

RLAnalytical reporting limit



Matrix: Sediment

Data Release Authorized:

Reported: 01/07/05

Project: LDW RI Sediment Transport Event: 04-08-06-23 Date Sampled: 12/17/04 Date Received: 12/21/04

Client ID: LDW-Sq13-0-1 ARI ID: 04-22763 HN20A

Analyte	Date	Method	Units	RL	Sample
Total Solids	12/22/04 122204#3	EPA 160.3	Percent	0.01	49.20
Total Organic Carbon	01/03/05 010305#1	Plumb,1981	Percent	0.020	3.03
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RLAnalytical reporting limit



Matrix: Sediment
Data Release Authorized: Reported: 01/07/05

Project: LDW RI Sediment Transport Event: 04-08-06-23 Date Sampled: 12/17/04 Date Received: 12/21/04

Analyte	Date	Units	Sample	Replicate(s)	RPD/RSD
ARI ID: HN20A Client I	D: LDW-Sg13-0-1				
Total Solids	12/22/04	Percent	49.20	49.30 49.20	0.1%
Total Organic Carbon	01/03/05	Percent	3.03	3.02 2.86	3.2%



Matrix: Sediment

Data Release Authorized:

Reported: 01/07/05

Project: LDW RI Sediment Transport Event: 04-08-06-23 Date Sampled: 12/17/04 Date Received: 12/21/04

Client ID: LDW-Sg13-5-6 ARI ID: 04-22764 HN20B

Analyte	Date	Method	Units	RL	Sample
Total Solids	12/22/04 122204#3	EPA 160.3	Percent	0.01	50.50
Total Organic Carbon	01/03/05 010305#1	Plumb, 1981	Percent	0.020	2.70

RL

Analytical reporting limit Undetected at reported detection limit U



Matrix: Sediment

Data Release Authorized:

Reported: 01/07/05

Project: LDW RI Sediment Transport Event: 04-08-06-23 Date Sampled: 12/17/04 Date Received: 12/21/04

Client ID: LDW-Sg13-10-11 ARI ID: 04-22765 HN20C

Analy	rte	Date	Method	Units	RL	Sample
Total	Solids	12/22/04 122204#3	EPA 160.3	Percent	0.01	51.10
	Organic Carbon	01/03/05 010305#1	Plumb,1981	Percent	0.020	2.66
RL U	Analytical reportin Undetected at repor		limit	·		



Matrix: Sediment

Data Release Authorized:

Reported: 01/10/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23
Date Sampled: 12/17/04
Date Received: 12/21/04

Client ID: LDW-Sg13-15-17 ARI ID: 04-22766 HN20D

Analyte	Date	Method	Units	RL	Sample
Total Solids	12/22/04 122204#3	EPA 160.3	Percent	0.01	47.30
Total Organic Carbon	01/03/05 010305#1	Plumb,1981	Percent	0.020	2.86

Analytical reporting limit RL



Matrix: Sediment

Data Release Authorized:

Reported: 01/07/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23 Date Sampled: 12/17/04 Date Received: 12/21/04

Client ID: LDW-Sg13-15-17-FD ARI ID: 04-22767 HN20E

Analyte ————————————————————————————————————	Date	Method	Units	RL	Sample
Total Solids	12/22/04 122204#3	EPA 160.3	Percent	0.01	44.50
Total Organic Carbon	01/03/05 010305#1	Plumb,1981	Percent	0.020	2.71

RLAnalytical reporting limit U



Matrix: Sediment

Data Release Authorized:

Reported: 01/07/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23

Date Sampled: 12/17/04 Date Received: 12/21/04

Client ID: LDW-Sg13-20-21 ARI ID: 04-22768 HN20F

Date	Method	Units	RL	Sample
12/22/04 122204#3	EPA 160.3	Percent	0.01	49.40
01/03/05 010305#1	Plumb, 1981	Percent	0.020	2.51
	12/22/04 122204#3 01/03/05 010305#1	12/22/04 EPA 160.3 122204#3 01/03/05 Plumb,1981 010305#1	12/22/04 EPA 160.3 Percent 122204#3 01/03/05 Plumb,1981 Percent 010305#1	12/22/04 EPA 160.3 Percent 0.01 122204#3 01/03/05 Plumb,1981 Percent 0.020 010305#1

RL Analytical reporting limit



Matrix: Sediment

Data Release Authorized:

Reported: 01/07/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23
Date Sampled: 12/17/04
Date Received: 12/21/04

Client ID: LDW-Sq13-25-26 ARI ID: 04-22769 HN20G

Analyte	Date	Method	Units	RL	Sample
Total Solids	12/22/04 122204#3	EPA 160.3	Percent	0.01	58.20
Total Organic Carbon	01/03/05 010305#1	Plumb,1981	Percent	0.020	1.82

Analytical reporting limit RL



Matrix: Sediment

Data Release Authorized:

Reported: 01/07/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23

Date Sampled: 12/17/04 Date Received: 12/21/04

Client ID: LDW-Sg13-30-31 ARI ID: 04-22770 HN20H

Analyte	Date	Method	Units	RL	Sample
Total Solids	12/22/04 122204#3	EPA 160.3	Percent	0.01	44.70
Total Organic Carbon	01/03/05 010305#1	Plumb, 1981	Percent	0.020	2.50
RL Analytical report: U Undetected at report		ı limit			



Matrix: Sediment

Data Release Authorized:

Reported: 01/07/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23

Date Sampled: 12/17/04 Date Received: 12/21/04

Client ID: LDW-Sg13-35-36 ARI ID: 04-22771 HN20I

Analyte	Date	Method	Units	RL	Sample
Total Solids	12/22/04 122204#3	EPA 160.3	Percent	0.01	57.90
Total Organic Carbon	01/03/05 010305#1	Plumb, 1981	Percent	0.020	1.64

RL Analytical reporting limit



Matrix: Sediment

Data Release Authorized:

Reported: 01/07/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23

Date Sampled: 12/17/04 Date Received: 12/21/04

Client ID: LDW-Sg13-40-41 ARI ID: 04-22772 HN20J

Analyte	Date	Method	Units	RL	Sample
Total Solids	12/22/04 122204#3	EPA 160.3	Percent	0.01	52.10
Total Organic Carbon	01/03/05 010305#1	Plumb,1981	Percent	0.020	2.38

RLAnalytical reporting limit



Matrix: Sediment

Data Release Authorized:

Reported: 01/07/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23

Date Sampled: 12/17/04 Date Received: 12/21/04

Client ID: LDW-Sg13-45-46 ARI ID: 04-22773 HN20K

Analyte	Date	Method	Units	RL	Sample
Total Solids	12/22/04 122204#3	EPA 160.3	Percent	0.01	56.10
Total Organic Carbon	01/03/05 010305#1	Plumb, 1981	Percent	0.020	1.82
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RL Analytical reporting limit



Matrix: Sediment

Data Release Authorized:

Reported: 01/07/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23

Date Sampled: 12/17/04 Date Received: 12/21/04

Client ID: LDW-Sg13-50-52 ARI ID: 04-22774 HN20L

Analy	te	Date	Method	Units	RL	Sample
Total	Solids	12/22/04 122204#3	EPA 160.3	Percent	0.01	60.90
Total	Organic Carbon	01/03/05 010305#1	Plumb,1981	Percent	0.020	1.66
RL U	Analytical reporting Undetected at report		limit			



Matrix: Sediment

Data Release Authorized:

Reported: 01/07/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23
Date Sampled: 12/17/04
Date Received: 12/21/04

Client ID: LDW-Sg13-55-56 ARI ID: 04-22775 HN20M

Analyte	Date	Method	Units	RL	Sample
Total Solids	12/22/04 122204#3	EPA 160.3	Percent	0.01	61.70
Total Organic Carbon	01/03/05 010305#1	Plumb,1981	Percent	0.020	1.43
RL Analytical reportin	g limit				



Matrix: Sediment

Data Release Authorized:

Reported: 01/07/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23

Date Sampled: 12/17/04

Date Received: 12/21/04

Client ID: LDW-Sg13-60-61 ARI ID: 04-22776 HN20N

Analyte	Date	Method	Units	RL	Sample
Total Solids	12/22/04 122204#3	EPA 160.3	Percent	0.01	59.50
Total Organic Carbon	01/03/05 010305#1	Plumb, 1981	Percent	0.020	1.84
RL Analytical reporti	ng limit				

U



Matrix: Sediment

Data Release Authorized: 048
Reported: 01/07/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23
Date Sampled: 12/17/04
Date Received: 12/21/04

Client ID: LDW-Sg13-65-66 ARI ID: 04-22777 HN200

Analyte	Date	Method	Units	RL	Sample
Total Solids	12/22/04 122204#3	EPA 160.3	Percent	0.01	53.90
Total Organic Carbon	01/03/05 010305#1	Plumb, 1981	Percent	0.020	2.07
RL Analytical reporting Undetected at reporting		limit .			



Matrix: Sediment

Matrix: Segment
Data Release Authorized:

Reported: 01/07/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23

Date Sampled: 12/17/04 Date Received: 12/21/04

Client ID: IDW-Sg13-70-71 ARI ID: 04-22778 HN20P

Analyte	Date	Method	Units	RL	Sample
Total Solids	12/22/04 122204#3	EPA 160.3	Percent	0.01	57.60
Total Organic Carbon	01/03/05 010305#1	Plumb, 1981	Percent	0.020	2.07

RLAnalytical reporting limit



Matrix: Sediment
Data Release Authorized:

Reported: 01/07/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23

Date Sampled: 12/17/04 Date Received: 12/21/04

Client ID: LDW-Sg13-75-76 ARI ID: 04-22779 HN20Q

Analyte	Date	Method	Units	RL	Sample
Total Solids	12/22/04 122204#3	EPA 160.3	Percent	0.01	56.90
Total Organic Carbon	01/03/05 010305#1	Plumb, 1981	Percent	0.020	1.86
RL Analytical reporting U Undetected at report		n limit			



Matrix: Sediment

Data Release Authorized: Reported: 01/07/05

Project: LDW RI Sediment Transport

Event: 04-08-06-23
Date Sampled: 12/17/04
Date Received: 12/21/04

Client ID: LDW-Sg13-80-81 ARI ID: 04-22780 HN20R

Analyte	Date	Method	Units	RL	Sample
Total Solids	12/22/04 122204#3	EPA 160.3	Percent	0.01	57.40
Total Organic Carbon	01/03/05 010305#1	Plumb,1981	Percent	0.020	1.67
RL Analytical reporting U Undetected at report		limit			