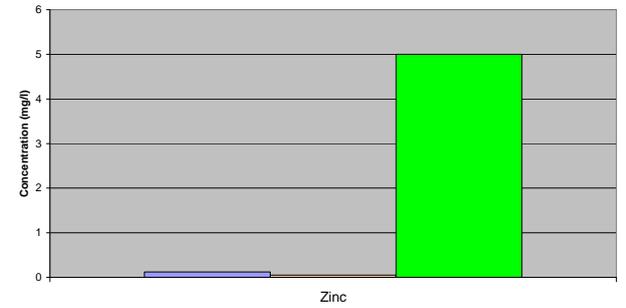
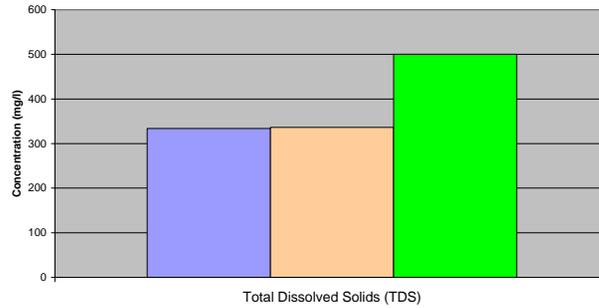
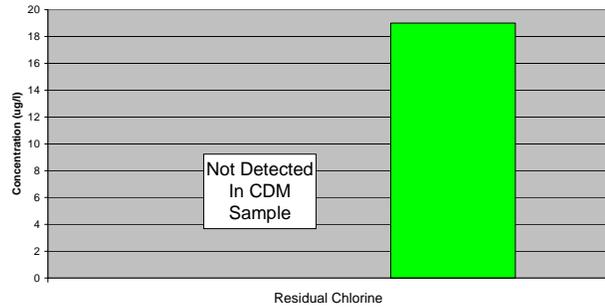
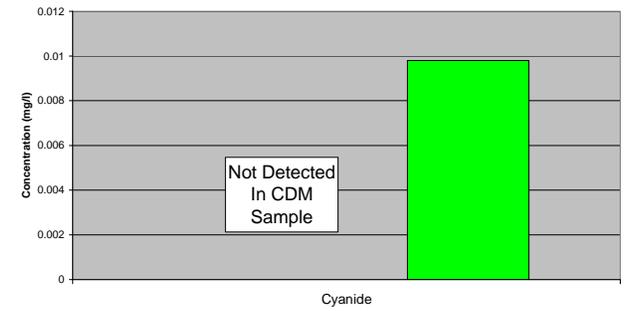
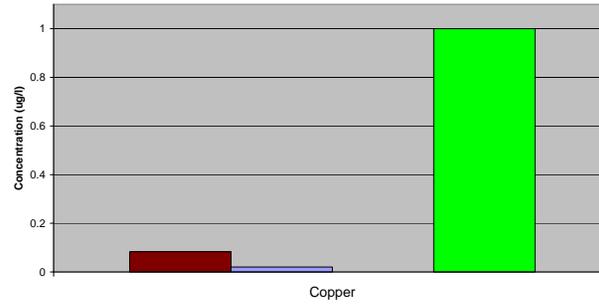
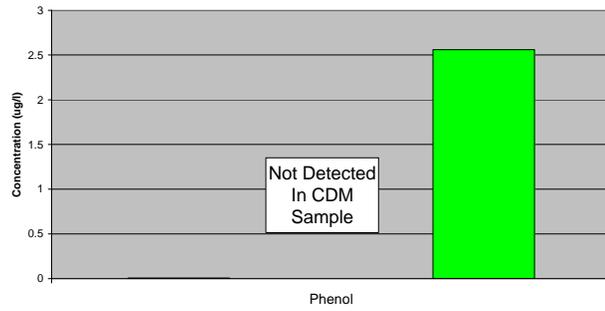


Appendix D
Water Quality

Deadmans Run Watershed Water Quality Testing Results at 70th Street
Event 1 Date Sampled - 7/13/2006
Event 2 Date Sampled - 9/21/2006



■ City of Lincoln 2005 Results (Copper and Phenol)

■ CDM Event 1 - 70th Street

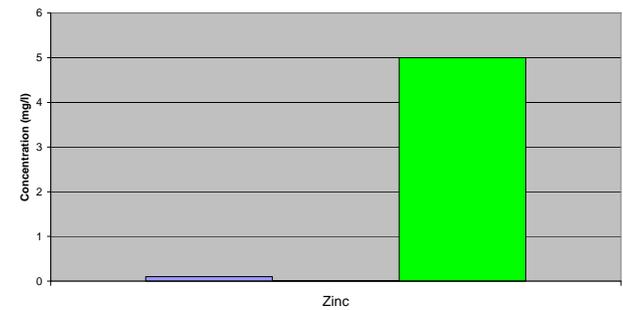
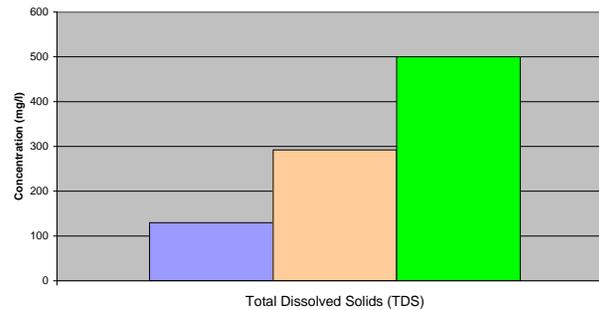
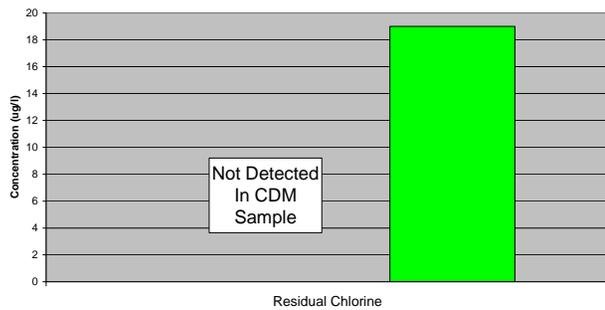
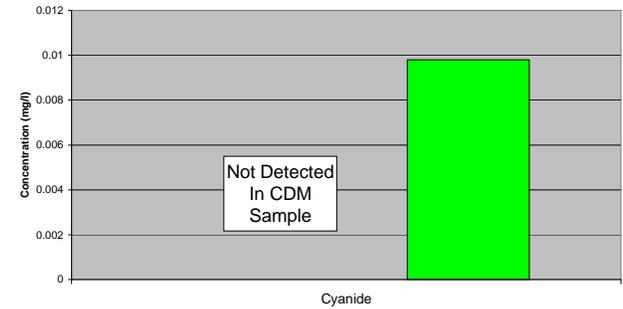
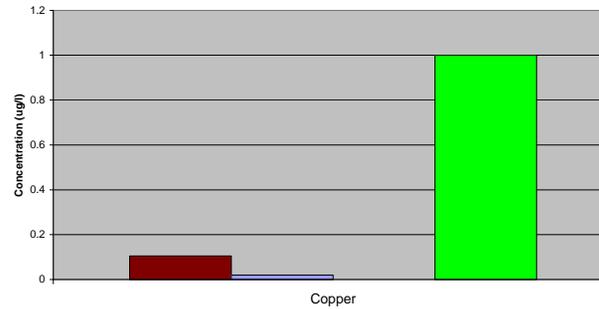
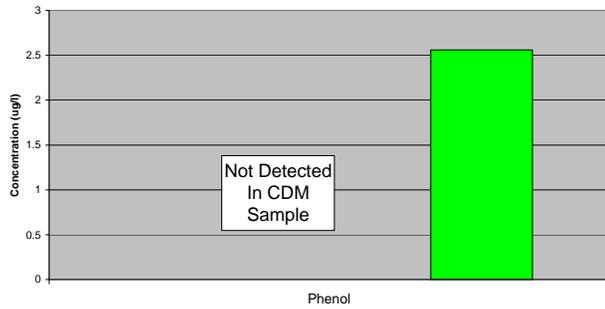
■ CDM Event 2 - 70th Street

■ NDEQ Water Quality Standard

Deadmans Run Watershed Water Quality Testing Results at 33rd Street

Event 1 Date Sampled - 7/13/2006

Event 2 Date Sampled - 9/21/2006



■ City of Lincoln 2005 Results (Copper and Phenol)

■ CDM Event 1 – 33rd Street

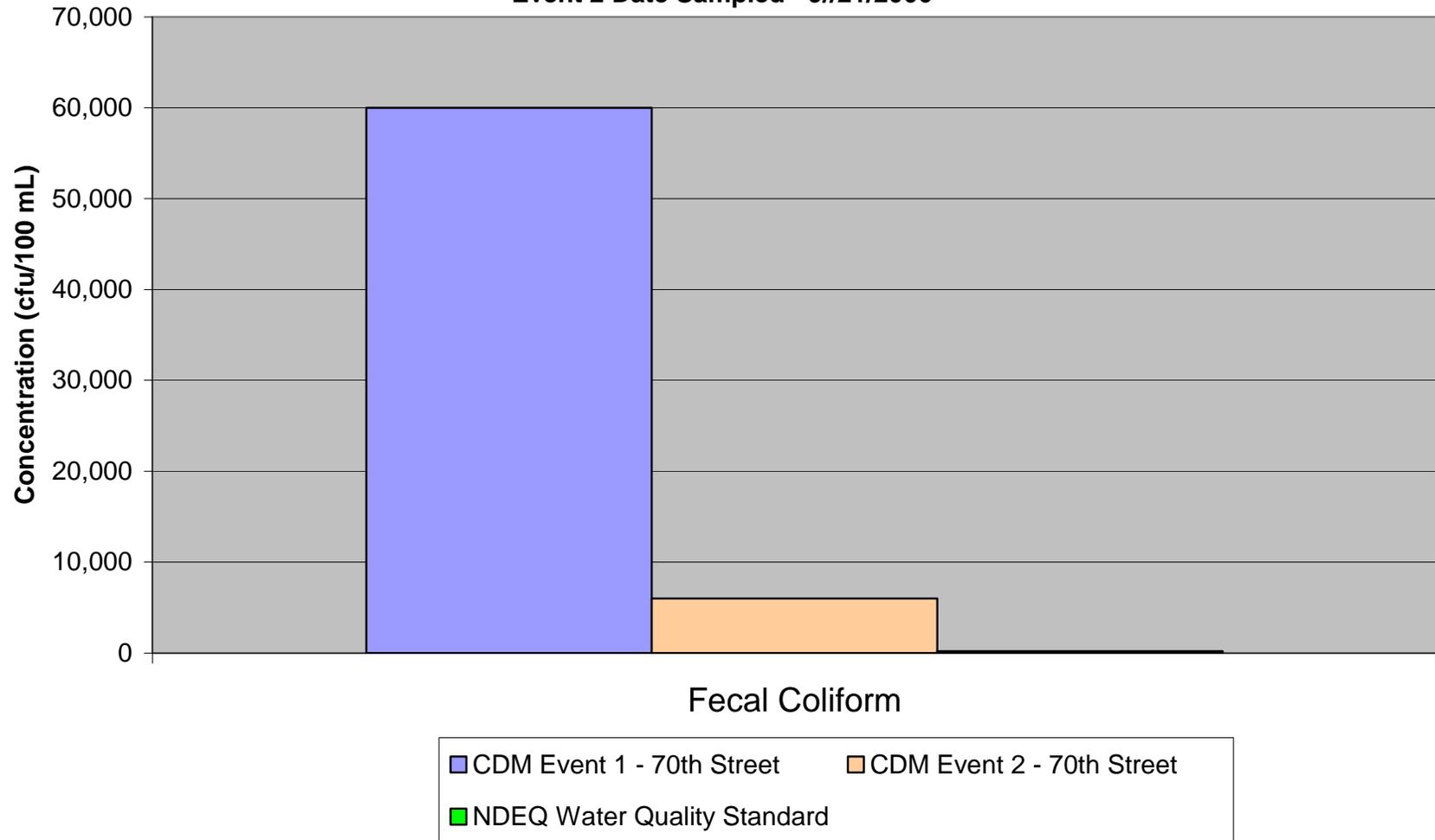
■ CDM Event 2 – 33rd Street

■ NDEQ Water Quality Standard

Deadmans Run Watershed Water Quality Testing Results at 70th Street

Event 1 Date Sampled - 7/13/2006

Event 2 Date Sampled - 9/21/2006

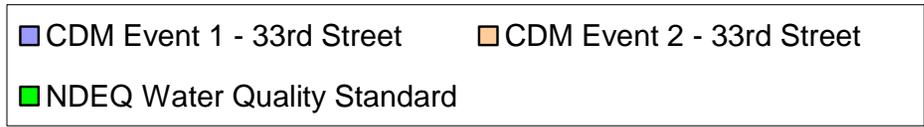
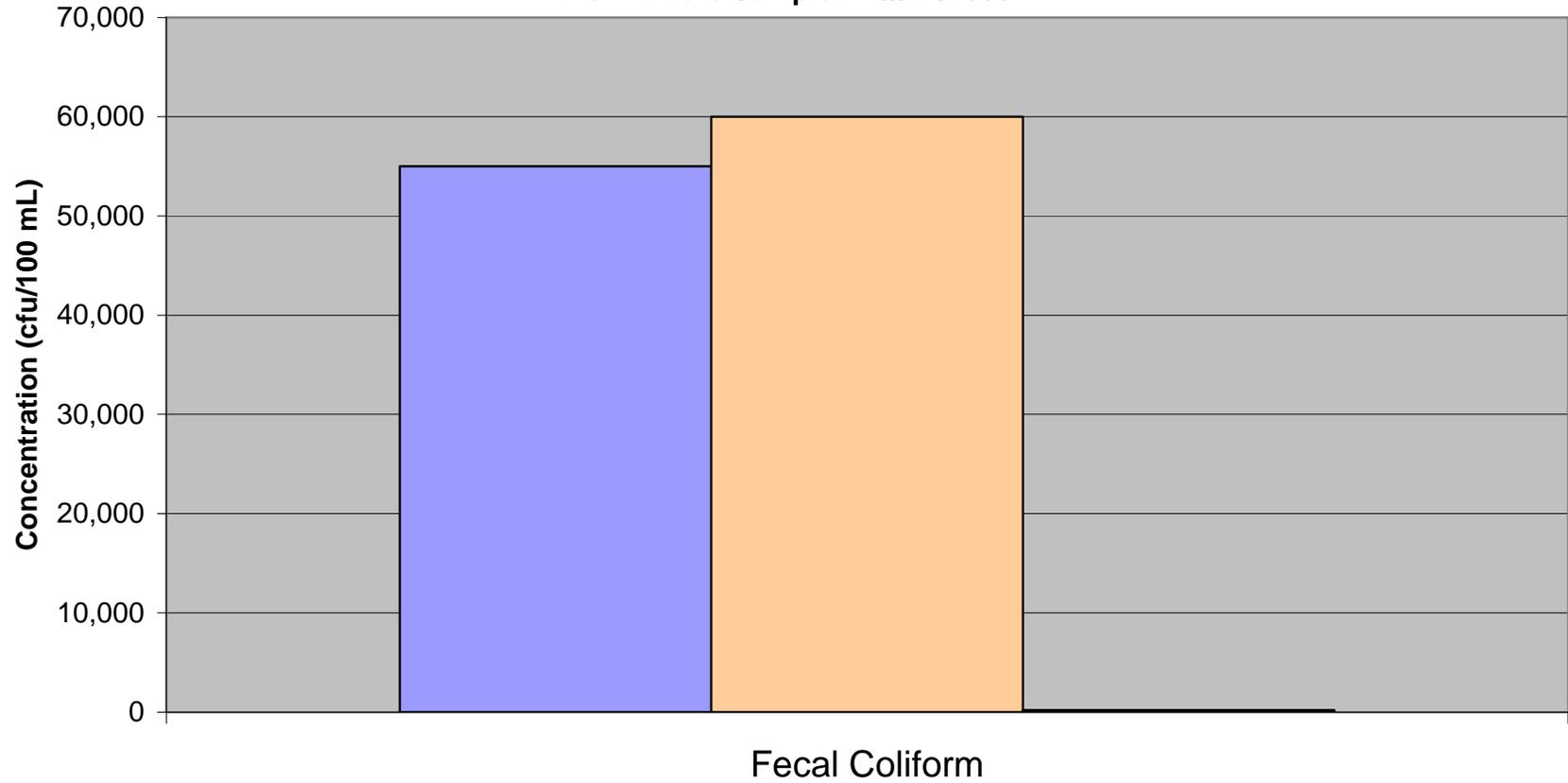


Note: UNL recorded two Fecal Coliform values during July 1 and July 5, 2004, at 48th Street. The values were 98,667 cfu/100ml and 18,333 cfu/100ml, respectively.

Deadmans Run Watershed Water Quality Testing Results at 33rd Street

Event 1 Date Sampled - 7/13/2006

Event 2 Date Sampled - 9/21/2006





Ref. Lab #: 152388
 Report Number
 06-201-2092

13611 "B" Street • Omaha, Nebraska 68144-3693 • (402) 334-7770 • FAX (402) 334-9121
 www.midwestlabs.com

REPORT OF ANALYSIS

For: (19493) CDM
 (512)346-1100

Mail to: CDM
 PATRICE MELANCON
 12357-A RIATA TRACE PKWY #210
 AUSTIN TX 78727-

Date Reported: 07/20/06
 Date Received: 07/14/06
 Date Sampled: 07/13/06

STORMWATER EVENT

Lab number: 1201291 Sample ID: 20060710#2001-2008

Analysis	Level Found	Units	Detection Limit	Method	Analyst-Date	Verified-Date
Biochemical oxygen demand	14	mg/L	2	SM 5210B	cch-07/14	jjd-07/20
Copper (total)	0.02	mg/L	0.01	EPA 200.7	emr-07/18	bab-07/18
Cyanide	n.d.	mg/L	0.02	SM 4500 CN-E	jlc-07/18	jjd-07/20
Fecal coliform	55,000	cfu/100mL	1	SM 9222D	arj-07/16	arj-07/16
Fecal streptococcus	> 2000	cfu/100mL	1	SM 9230C	arj-07/16	arj-07/16
Hexane extractable materials	n.d.	mg/L	5	EPA 1664A-SPE	hbm-07/20	jjd-07/20
Kjeldahl nitrogen	3.12	mg/L	0.50	EPA 351.3	mjb-07/18	jjd-07/18
Lead (total)	n.d.	mg/L	0.05	EPA 200.7	emr-07/18	bab-07/18
Phenols	n.d.	mg/L	0.05	EPA 420.1	jlc-07/19	jjd-07/20
Phenols	n.d.	mg/L	0.05	EPA 420.1	jlc-07/19	jjd-07/20
Phosphorus (total)	0.4	mg/L	0.1	EPA 200.7	emr-07/18	bab-07/18
Residual chlorine (ug/L)	n.d.	µg/L	50	SM 4500-CLF	cmw-07/14	dco-07/14
Total dissolved solids	130	mg/L	10	SM 2540C	mfo-07/17	jjd-07/20
Total suspended solids	426	mg/L	4	USGS I-3765-85/SM2540D	mfo-07/18	jjd-07/20
Zinc (total)	0.10	mg/L	0.01	EPA 200.7	emr-07/18	bab-07/18

Notes:

n.d. - Not Detected.
 The solid analyses have been weighed to a constant weight by leaving the samples in the oven overnight. This protocol is an approved variation from the stated method.

Respectfully Submitted

Heather Ramig/Sue Ann Seitz/Rob Ferris
 Client Services



Ref. Lab #: 152422
 Report Number
 06-201-2060

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REPORT OF ANALYSIS

For: (19493) CDM
 (512)346-1100

Date Reported: 07/20/06
 Date Received: 07/14/06
 Date Sampled: 07/13/06

Mail to: CDM
 PATRICE MELANCON
 12357-A RIATA TRACE PKWY #210
 AUSTIN TX 78727-

XTRA BOTTLES

Lab number: 1201293

Analysis	Level Found	Units	Detection Limit	Method	Analyst-Date	Verified-Date
<u>Sample ID: 20060710#2009</u> Phenols	n.d.	mg/L	0.05	EPA 420.1	jlc-07/19	jjd-07/20
<u>Sample ID: 20060710#1009</u> Copper (total)	0.01	mg/L	0.01	EPA 200.7	emr-07/18	bab-07/18
Lead (total)	n.d.	mg/L	0.05	EPA 200.7	emr-07/18	bab-07/18
Zinc (total)	0.07	mg/L	0.01	EPA 200.7	emr-07/18	bab-07/18

Notes:
 n.d. - Not Detected.

Respectfully Submitted

Heather Ramig/Sue Ann Seitz/Rob Ferris
 Client Services



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REPORT OF ANALYSIS

For: (19493) CDM
(512)346-1100

Ref. Lab #: 152388
Report Number
06-202-2117

**Mail to: CDM
PATRICE MELANCON
12357-A RIATA TRACE PKWY #210
AUSTIN TX 78727-**

Date Reported: 07/21/06
Date Received: 07/14/06
Date Sampled: 07/13/06

STORMWATER EVENT

Lab number: 1201292 Sample ID: 20060710#1001-1008

Analysis	Level Found	Units	Detection Limit	Method	Analyst-Date	Verified-Date
Biochemical oxygen demand	14	mg/L	2	SM 5210B	cch-07/14	jjd-07/21
Copper (total)	0.02	mg/L	0.01	EPA 200.7	emr-07/18	bab-07/18
Cyanide	n.d.	mg/L	0.02	SM 4500 CN-E	jlc-07/18	jjd-07/21
Fecal coliform	60,000	cfu/100mL	1	SM 9222D	arj-07/16	arj-07/16
Fecal streptococcus	> 2000	cfu/100mL	1	SM 9230C	arj-07/16	arj-07/16
Hexane extractable materials	n.d.	mg/L	5	EPA 1664A-SPE	hbm-07/20	jjd-07/21
Kjeldahl nitrogen	4.17	mg/L	0.50	EPA 351.3	mjb-07/18	jjd-07/18
Lead (total)	n.d.	mg/L	0.05	EPA 200.7	emr-07/18	bab-07/18
Phenols	n.d.	mg/L	0.05	EPA 420.1	jlc-07/19	jjd-07/21
Phosphorus (total)	0.5	mg/L	0.1	EPA 200.7	emr-07/18	bab-07/18
Residual chlorine (ug/L)	n.d.	µg/L	50	SM 4500-CLF	cmw-07/14	dco-07/14
Total dissolved solids	334	mg/L	10	SM 2540C	mfo-07/17	jjd-07/21
Total suspended solids	230	mg/L	4	USGS I-3765-85/SM2540D	mfo-07/18	jjd-07/21
Zinc (total)	0.12	mg/L	0.01	EPA 200.7	emr-07/18	bab-07/18

Notes:

n.d. - Not Detected.
The solid analyses have been weighed to a constant weight by leaving the samples in the oven overnight. This protocol is an approved variation from the stated method.

Respectfully Submitted

Heather Ramig/Sue Ann Seitz/Rob Ferris
Client Services



Ref. Lab #: 152422
Report Number
06-270-2102

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www.midwestlabs.com

REPORT OF ANALYSIS

For: (19493) CDM
(512)346-1100

Date Reported: 09/27/06
Date Received: 09/21/06

Mail to: CDM
PATRICE MELANCON
12357-A RIATA TRACE PKWY #210
AUSTIN TX 78727-

XTRA BOTTLES

Lab number: 1223462 Sample ID: 1

Analysis	Level		Detection		Analyst- Date	Verified- Date
	Found	Units	Limit	Method		
Copper (total)	n.d.	mg/L	0.01	EPA 200.7	emr-09/25	bab-09/27
Lead (total)	n.d.	mg/L	0.05	EPA 200.7	emr-09/25	bab-09/27
Phenols	n.d.	mg/L	0.05	EPA 420.1	jlc-09/27	cmw-09/27
Zinc (total)	0.05	mg/L	0.01	EPA 200.7	emr-09/25	bab-09/27

Notes:
n.d. - Not Detected.

Respectfully Submitted

Heather Ramig/Sue Ann Seitz/Rob Ferris
Client Services



Ref. Lab #: 152388
 Report Number
 06-275-2014

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 www.midwestlabs.com

REPORT OF ANALYSIS

For: (19493) CDM
 (512)346-1100

Date Reported: 10/02/06
 Date Received: 09/21/06

Mail to: CDM
 PATRICE MELANCON
 12357-A RIATA TRACE PKWY #210
 AUSTIN TX 78727-

STORMWATER EVENT

Lab number: 1223463

Analysis	Level Found	Units	Detection Limit	Method	Analyst-Date	Verified-Date
<u>Sample ID: SITE 1</u>						
Biochemical oxygen demand	33	mg/L	2	SM 5210B	aaa-09/21	cmw-10/02
Copper (total)	n.d.	mg/L	0.01	EPA 200.7	emr-09/25	bab-09/27
Cyanide	n.d.	mg/L	0.02	SM 4500 CN-E	jlc-09/26	cmw-10/02
Dissolved phosphorous	0.17	mg/L	0.05	SM 4500P F	lkm-09/22	cmw-10/02
Fecal coliform	6,000	cfu/100mL	1	SM 9222D	bjl-09/22	arj-09/24
Fecal streptococcus	9,000	cfu/100mL	1	SM 9230C	bjl-09/23	arj-09/24
Hexane extractable materials	n.d.	mg/L	5	EPA 1664A-SPE	hbm-09/29	cmw-10/02
Kjeldahl nitrogen	5.05	mg/L	0.50	EPA 351.3	his-09/25	cmw-09/26
Lead (total)	n.d.	mg/L	0.05	EPA 200.7	emr-09/25	bab-09/27
Phenols	n.d.	mg/L	0.05	EPA 420.1	jlc-09/27	cmw-10/02
Phosphorus (total)	0.4	mg/L	0.1	EPA 200.7	emr-09/25	bab-09/27
Residual chlorine (ug/L)	n.d.	µg/L	50	SM 4500-CLF	cmw-09/21	abd-09/21
Total dissolved solids	336	mg/L	10	SM 2540C	jeg-09/28	cmw-10/02
Total suspended solids	47	mg/L	4	USGS I-3765-85/SM2540D	jeg-09/28	cmw-10/02
Zinc (total)	0.05	mg/L	0.01	EPA 200.7	emr-09/25	bab-09/27



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REPORT OF ANALYSIS

Account: 19493 CDM
Report Number: 06-275-2014

Page: 2

Analysis	Level Found	Units	Detection Limit	Method	Analyst-Date	Verified-Date
<u>Sample ID: SITE 2</u>						
Biochemical oxygen demand	32	mg/L	2	SM 5210B	aaa-09/21	cmw-10/02
Copper (total)	n.d.	mg/L	0.01	EPA 200.7	emr-09/25	bab-09/27
Cyanide	n.d.	mg/L	0.02	SM 4500 CN-E	jlc-09/26	cmw-10/02
Dissolved phosphorous	0.06	mg/L	0.05	SM 4500P F	lkm-09/22	cmw-10/02
Fecal coliform	60,000	cfu/100mL	1	SM 9222D	bjl-09/22	arj-09/24
Fecal streptococcus	29,000	cfu/100mL	1	SM 9230C	bjl-09/23	arj-09/24
Hexane extractable materials	n.d.	mg/L	5	EPA 1664A-SPE	hbm-09/29	cmw-10/02
Kjeldahl nitrogen	10.2	mg/L	0.50	EPA 351.3	his-09/25	cmw-09/26
Lead (total)	n.d.	mg/L	0.05	EPA 200.7	emr-09/25	bab-09/27
Phenols	n.d.	mg/L	0.05	EPA 420.1	jlc-09/27	cmw-10/02
Phosphorus (total)	0.1	mg/L	0.1	EPA 200.7	emr-09/25	bab-09/27
Residual chlorine (ug/L)	n.d.	µg/L	50	SM 4500-CLF	cmw-09/21	abd-09/21
Total dissolved solids	292	mg/L	10	SM 2540C	jeg-09/28	cmw-10/02
Total suspended solids	77	mg/L	4	USGS I-3765-85/SM2540D	jeg-09/28	cmw-10/02
Zinc (total)	0.01	mg/L	0.01	EPA 200.7	emr-09/25	bab-09/27

Notes:

n.d. - Not Detected.
The solid analyses have been weighed to a constant weight by leaving the samples in the oven overnight. This protocol is an approved variation from the stated method.

Respectfully Submitted

Heather Ramig/Sue Ann Seitz/Rob Ferris
Client Services