

Sundet, Rich

From: Charles Ronan, PhD [chuck@chemtrack.net]
Sent: Friday, February 06, 2004 10:26 AM
To: Rich Sundet
Subject: Johnson Nissan Sample Data from January 04



Johnson Nissan Jan
04 Sample R...

Rich,

Here are results for groundwater samples collected from MW11 and MW12 on Jan 20, 2004 at the Johnson Nissan Site.

I am attaching a PDF file with the analytical data and 3 figures showing the data next the the wells. As you know MW11 and MW12 are located downgradient on the west side of Old Seward Hwy.

The data indicates the following:
Reduction in Benzene See Figure 1
Reduction in GRO See Figure 2
Reduction in DRO See Figure 3

We will get you the hard copies soon.

Also, we are scheduling a visit with the MOA now.

Thanks,

Chuck Ronan
244 - 0581



ChemTrack

HISTORICAL DATA
1995 - 2000
Shannon & Wilson

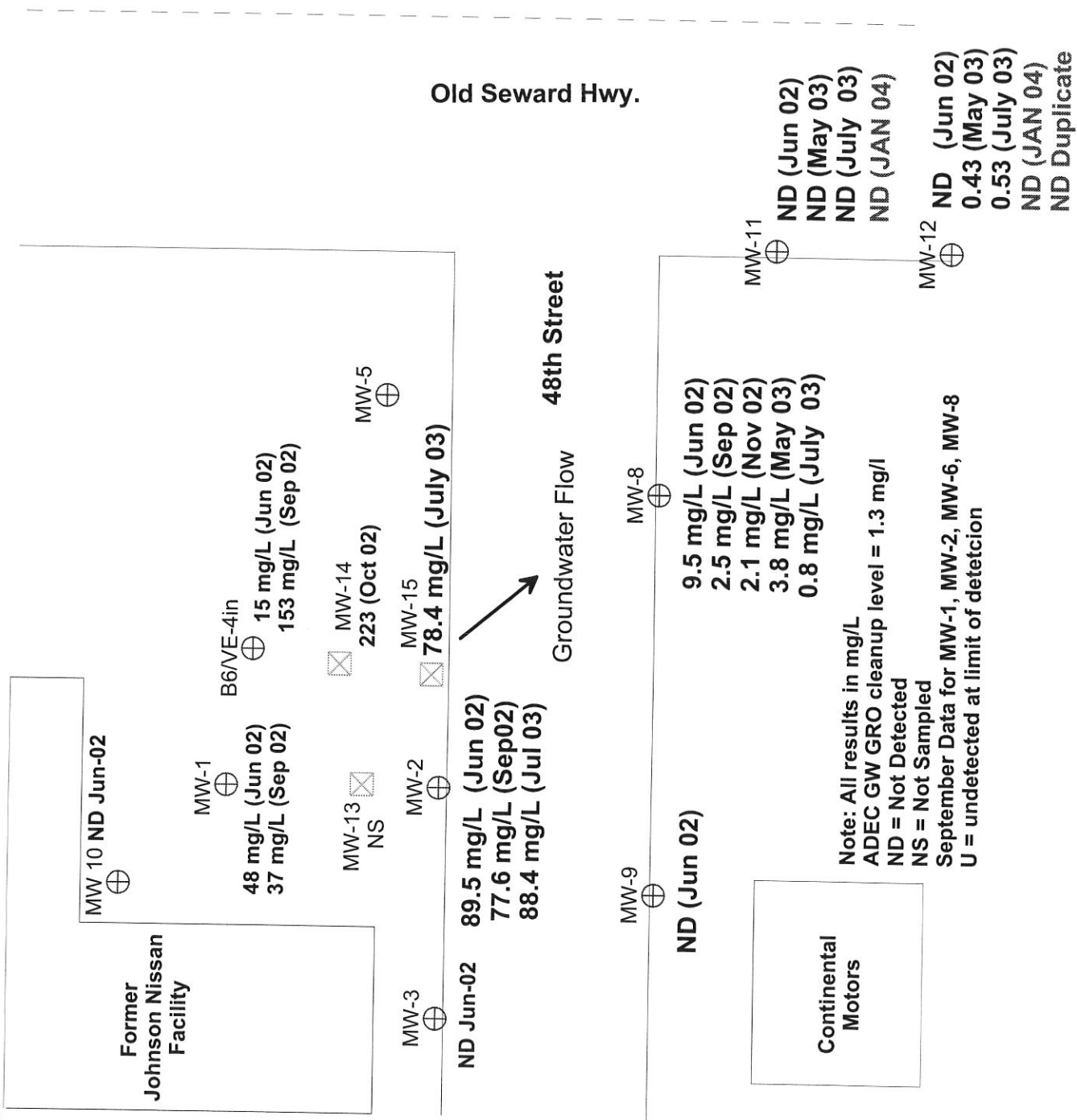
GRO MW-2
156 Jan 95
108 Jul 95
152 Dec 96
58.5 Aug 00
162 Nov 00

GRO MW-8
3.45 Jan 95
3.92 Jul 95
9.89 Mar 96
1.8 Nov 99
1.19 Aug 00
5.34 Nov 00

Figure 2

GRO Levels mg/L
Johnson Nissan
June 02 - Jan 04

GRO History



Note: All results in mg/L
ADEC GW GRO cleanup level = 1.3 mg/l
ND = Not Detected
NS = Not Sampled
September Data for MW-1, MW-2, MW-6, MW-8
U = undetected at limit of detection



ChemTrack

HISTORICAL DATA

1995 - 2000

Shannon & Wilson

Benzene MW-2

32.8 Jan 95
 20.7 Jul 95
 25.8 Dec 96
 5.23 Aug 00
 28.5 Nov 00

Benzene MW-8

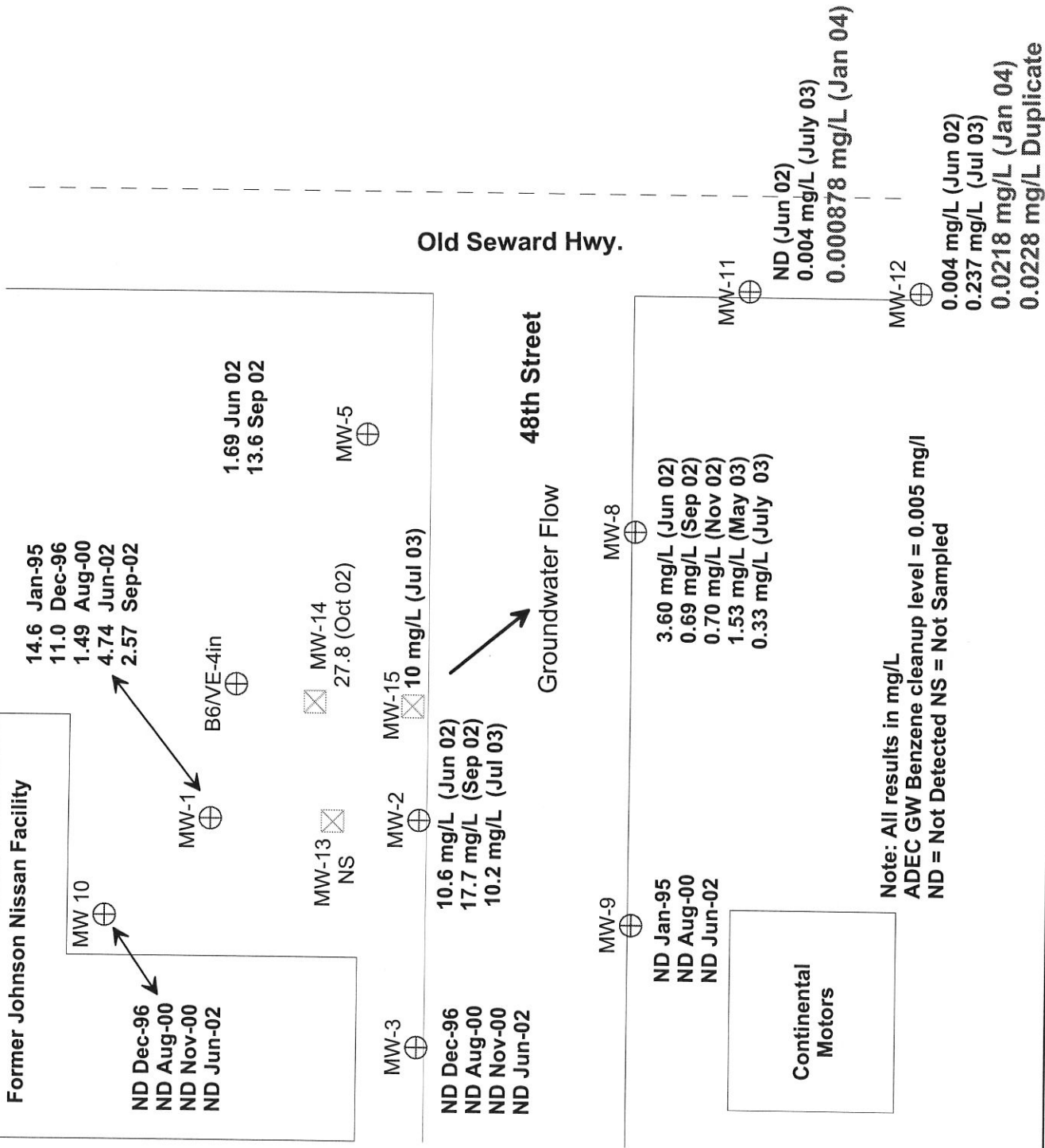
1.51 Jan 95
 2.49 Jul 95
 4.91 Mar 96
 0.69 Nov 99
 0.50 Aug 00
 2.31 Nov 00

Figure 1

Benzene Levels mg/L

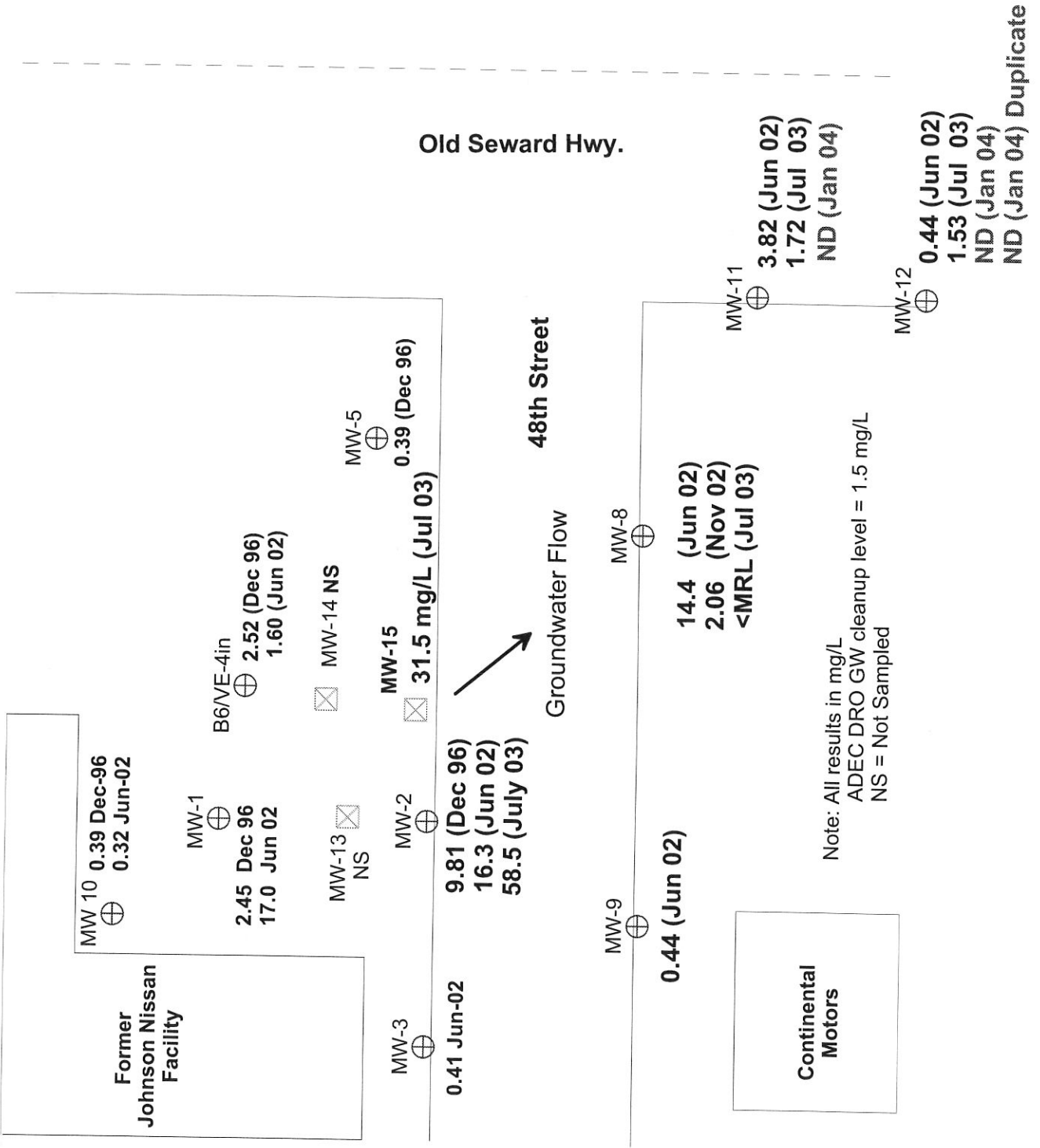
Johnson Nissan
 Jun 02 - Jan 04

Benzene History





ChemTrack



Note: All results in mg/L
 ADEC DRO GW cleanup level = 1.5 mg/L
 NS = Not Sampled

Figure 3
DRO Levels mg/L
Johnson Nissan
Dec 1996 - Jan 2004

DRO History



Laboratory Analysis Report

200 W. Potter Drive
Anchorage, AK 99518-1605
Tel: (907) 562-2343
Fax: (907) 561-5301
Web: <http://www.sgsenvironmental.com>

Chuck Ronan
ChemTrack
11711 S. Gambell St.
Anchorage, AK 99515

Work Order: 1040400
Johnson Nissan
Client: ChemTrack
Report Date: January 27, 2004

Enclosed are the analytical results associated with the above workorder.

As required by the state of Alaska and the USEPA, a formal Quality Assurance/Quality Control Program is maintained by SGS. A copy of our Quality Control Manual that outlines this program is available at your request. The laboratory ADEC certification numbers are AK08-03 (DW), UST-005 (CS) and AK00971 (Micro).

Except as specifically noted, all statements and data in this report are in conformance to the provisions set forth by the SGS Quality Assurance Program Plan and the National Environmental Laboratory Accreditation Conference.

If you have any questions regarding this report or if we can be of any other assistance, please call your SGS Project Manager at (907) 562-2343.

The following descriptors may be found on your report which will serve to further qualify the data.

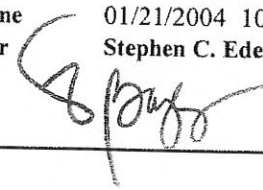
- PQL Practical Quantitation Limit (reporting limit).
- U Indicates the analyte was analyzed for but not detected.
- F Indicates an estimated value that falls below PQL, but is greater than the MDL.
- J The quantitation is an estimation.
- B Indicates the analyte is found in a blank associated with the sample.
- * The analyte has exceeded allowable regulatory or control limits.
- GT Greater Than
- D The analyte concentration is the result of a dilution.
- LT Less Than
- ! Surrogate out of control limits.
- Q QC parameter out of acceptance range.
- M A matrix effect was present.
- JL The analyte was positively identified, but the quantitation is a low estimation.
- E The analyte result is high outside of calibrated range.

Note: Soil samples are reported on a dry weight basis unless otherwise specified.



SGS Ref.# 1040400001
Client Name ChemTrack
Project Name/# Johnson Nissan
Client Sample ID MW-11
Matrix Water (Surface, Eff., Ground)

All Dates/Times are Alaska Standard Time

Printed Date/Time 01/27/2004 12:47
Collected Date/Time 01/20/2004 14:00
Received Date/Time 01/21/2004 10:20
Technical Director Stephen C. Ede
Released By 

Sample Remarks:

Parameter	Results	PQL	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
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Volatile Fuels Department

Gasoline Range Organics	0.0900 U	0.0900	mg/L	AK101 8021B	A		01/26/04	01/26/04	MML
Benzene	0.000879	0.000500	mg/L	AK101 8021B	A		01/26/04	01/26/04	MML
Toluene	0.00200 U	0.00200	mg/L	AK101 8021B	A		01/26/04	01/26/04	MML
Ethylbenzene	0.00200 U	0.00200	mg/L	AK101 8021B	A		01/26/04	01/26/04	MML
P & M -Xylene	0.00200 U	0.00200	mg/L	AK101 8021B	A		01/26/04	01/26/04	MML
o-Xylene	0.00200 U	0.00200	mg/L	AK101 8021B	A		01/26/04	01/26/04	MML

Surrogates

1,4-Difluorobenzene <surr>	89.8		%	AK101 8021B	A	73-124	01/26/04	01/26/04	MML
4-Bromofluorobenzene <surr>	99.6		%	AK101 8021B	A	50-150	01/26/04	01/26/04	MML

Semivolatile Organic Fuels Department

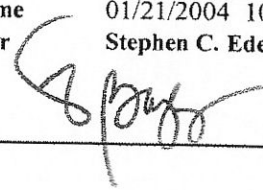
Diesel Range Organics	0.370 U	0.370	mg/L	AK102	D		01/22/04	01/23/04	JC
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Surrogates

5a Androstane <surr>	83.7		%	AK102	D	50-150	01/22/04	01/23/04	JC
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SGS Ref.# 1040400002
Client Name ChemTrack
Project Name/# Johnson Nissan
Client Sample ID MW-12
Matrix Water (Surface, Eff., Ground)

All Dates/Times are Alaska Standard Time
Printed Date/Time 01/27/2004 12:47
Collected Date/Time 01/20/2004 14:10
Received Date/Time 01/21/2004 10:20
Technical Director Stephen C. Ede
Released By 

Sample Remarks:

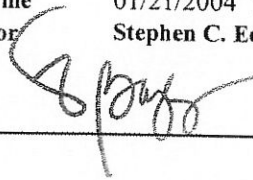
Parameter	Results	PQL	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
Volatile Fuels Department									
Gasoline Range Organics	0.0900 U	0.0900	mg/L	AK101 8021B	A		01/26/04	01/26/04	MML
Benzene	0.0218	0.000500	mg/L	AK101 8021B	A		01/26/04	01/26/04	MML
Toluene	0.00200 U	0.00200	mg/L	AK101 8021B	A		01/26/04	01/26/04	MML
Ethylbenzene	0.00200 U	0.00200	mg/L	AK101 8021B	A		01/26/04	01/26/04	MML
P & M -Xylene	0.00200 U	0.00200	mg/L	AK101 8021B	A		01/26/04	01/26/04	MML
o-Xylene	0.00200 U	0.00200	mg/L	AK101 8021B	A		01/26/04	01/26/04	MML
Surrogates									
1,4-Difluorobenzene <surr>	91.4		%	AK101 8021B	A	73-124	01/26/04	01/26/04	MML
4-Bromofluorobenzene <surr>	98.4		%	AK101 8021B	A	50-150	01/26/04	01/26/04	MML
Semivolatile Organic Fuels Department									
Diesel Range Organics	0.303 U	0.303	mg/L	AK102	D		01/22/04	01/23/04	JC
Surrogates									
5a Androstane <surr>	105		%	AK102	D	50-150	01/22/04	01/23/04	JC



SGS Ref.# 1040400003
Client Name ChemTrack
Project Name/# Johnson Nissan
Client Sample ID MW-12D
Matrix Water (Surface, Eff., Ground)

All Dates/Times are Alaska Standard Time

Printed Date/Time 01/27/2004 12:47
Collected Date/Time 01/20/2004 14:28
Received Date/Time 01/21/2004 10:20
Technical Director Stephen C. Ede

Released By 

Sample Remarks:

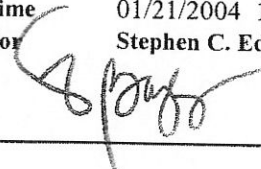
Parameter	Results	PQL	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
Volatile Fuels Department									
Gasoline Range Organics	0.900 U	0.900	mg/L	AK101 8021B	A		01/26/04	01/26/04	MML
Benzene	0.0228	0.00500	mg/L	AK101 8021B	A		01/26/04	01/26/04	MML
Toluene	0.0200 U	0.0200	mg/L	AK101 8021B	A		01/26/04	01/26/04	MML
Ethylbenzene	0.0200 U	0.0200	mg/L	AK101 8021B	A		01/26/04	01/26/04	MML
P & M -Xylene	0.0200 U	0.0200	mg/L	AK101 8021B	A		01/26/04	01/26/04	MML
o-Xylene	0.0200 U	0.0200	mg/L	AK101 8021B	A		01/26/04	01/26/04	MML
Surrogates									
1,4-Difluorobenzene <surr>	93.9		%	AK101 8021B	A	73-124	01/26/04	01/26/04	MML
4-Bromofluorobenzene <surr>	98.5		%	AK101 8021B	A	50-150	01/26/04	01/26/04	MML
Semivolatile Organic Fuels Department									
Diesel Range Organics	0.316 U	0.316	mg/L	AK102	D		01/22/04	01/23/04	JC
Surrogates									
5a Androstane <surr>	108		%	AK102	D	50-150	01/22/04	01/23/04	JC



SGS Ref.# 1040400004
Client Name ChemTrack
Project Name/# Johnson Nissan
Client Sample ID Trip Blank
Matrix Water (Surface, Eff., Ground)

All Dates/Times are Alaska Standard Time

Printed Date/Time 01/27/2004 12:47
Collected Date/Time 01/20/2004 14:00
Received Date/Time 01/21/2004 10:20
Technical Director Stephen C. Ede

Released By 

Sample Remarks:

Parameter	Results	PQL	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
Volatile Fuels Department									
Gasoline Range Organics	0.0900 U	0.0900	mg/L	AK101 8021B	A		01/22/04	01/22/04	MML
Benzene	0.000500 U	0.000500	mg/L	AK101 8021B	A		01/22/04	01/22/04	MML
Toluene	0.00200 U	0.00200	mg/L	AK101 8021B	A		01/22/04	01/22/04	MML
Ethylbenzene	0.00200 U	0.00200	mg/L	AK101 8021B	A		01/22/04	01/22/04	MML
P & M -Xylene	0.00200 U	0.00200	mg/L	AK101 8021B	A		01/22/04	01/22/04	MML
o-Xylene	0.00200 U	0.00200	mg/L	AK101 8021B	A		01/22/04	01/22/04	MML
Surrogates									
1,4-Difluorobenzene <surr>	85		%	AK101 8021B	A	73-124	01/22/04	01/22/04	MML
4-Bromofluorobenzene <surr>	97.5		%	AK101 8021B	A	50-150	01/22/04	01/22/04	MML

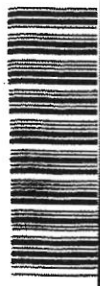


CHAIN OF CUSTODY RECORD

CT&E Environmental Services Inc.

Laboratory Division

1040400



1

CLIENT: CHEMTRAK

CONTACT: Chuck Roman PHONE NO: () 349 2511

PROJECT: JOHNSON NISSAN PWSID#:

REPORTS TO: CHEMTRAK FAX NO: () 522 3150

INVOICE TO: QUOTE#

P.O. NUMBER:

2

LAB NO.	SAMPLE IDENTIFICATION	DATE	TIME	MATRIX
① A-E	MW-11	1-20-04	1400	GW
② A-E	MW-12	"	1410	"
③ A-E	MW-12D	"	1428	"
④ A-C	Trig Blank Grab			

5

Collected/Relinquished By: (1) Charles B. Roman Date: 1-21-04 Time: _____ Received By: _____

Relinquished By: (2) _____ Date: _____ Time: _____ Received By: _____

Relinquished By: (3) _____ Date: _____ Time: _____ Received By: _____

Relinquished By: (4) _____ Date: 1/21/04 Time: 1020 Received For Laboratory By: _____

CT&E Reference: _____ PAGE _____ OF _____

No.	SAMPLE TYPE	Preservatives Used	Analysis Required	REMARKS
C O N T A I N E R S	C = COMP G = GRAB		③	
	G		✓	
	G		✓	
	G		✓	

4

Shipping Carrier: _____ Temperature C: 18-3.7

Shipping Ticket No: _____

Data Deliverables: _____

Level I Level II Level III EDD Type: _____

Chain of Custody Seal: (Circle) INTACT BROKEN ABSENT

Requested Turnaround Time and Special Instructions: _____