NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION
AZTEC DISTRICT OFFICE
1000 RIO BRAZOS ROAD
AZTEC NM 87410
(505) 334-6178 FAX: (505) 334-6170
http://emnrd.state.nm.us/ocd/District III/3district.htm

BRADENHEAD TEST REPORT

(submit 2 copies to above address)

Date of Test 3-16-04 Operator Dominion E.+P. API #30-0 39-06621-00-00

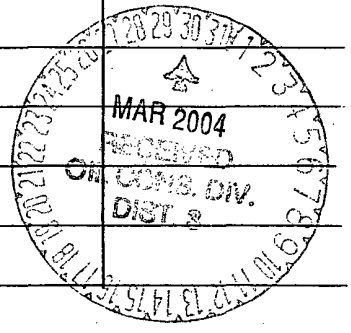
Property Name MKL Well No. 19 Location: Unit B Section 8 Township 26N Range 7

Well Status(Shut-In or (Producing)) Tubing N.A Intermediate N.A Casing 8 Bradenhead 27

OPEN BRADENHEAD AND INTERMEDIATE TO ATMOSPHERE INDIVIDUALLY FOR 15 MINUTES EACH

TIME	PRESSURES: INTERMEDIATE	CASING
5 minutes	N.A.	8
10 minutes		8
15 minutes		
20 minutes		
25 minutes		
30 minutes		

	BRADENHEAD FLOWED	INTERMEDIATE FLOWED
Steady Flow	X	—
Surges		
Down to Nothing		
Nothing		
Gas		
Gas & Water		
Water	X	



If bradenhead flowed water, check all of the descriptions that apply below:

CLEAR X FRESH X SALTY ____ SULFUR ____ BLACK

5 MINUTE SHUT-IN BRADENHEAD 27 INTERMEDIATE ____

REMARKS:

Slim hole
165 gal water in 10 minutes
Braden Head 5min = 4lbs., 10min = 3lbs.

By Tom Stahle
Lease Operator
(Position)

Witness Bruce Martin
NMOCD

612 E. Murray Drive
Farmington, NM 87499

Off: (505) 327-1072
FAX: (505) 327-1496

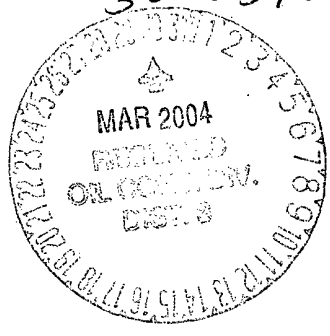
iiná bá

P.O. Box 3788
Shiprock, NM 87420

Off: (505) 368-4065

30-039-24611
30-039-06621

March 23, 2004



Tom Stahle
Stahle Production
236 N. Dulce
Bloomfield, NM 87413

TEL:
FAX

RE: MKL

Order No.: 0403027

Dear Tom Stahle:

iiná bá received 2 samples on 3/19/2004 for the analyses presented in the following report.

This certificate of analysis includes the Analytical Report(s) for the sample(s) received by the laboratory. A Quality Control Summary Report, the Sample Receipt Checklist and an executed Chain of Custody are included as an addendum to this report.

Should you have any questions regarding this certificate of analysis, please contact the laboratory at your convenience.

Report Approved By: _____

David Cox
Laboratory Manager

Heidi Reese
Quality Assurance Officer

612 E. Murray Drive
Farmington, NM 87499

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FAX: (505) 327-1496

iiná bá

P.O. Box 3788
Shiprock, NM 87420

Off: (505) 368-4065

iiná bá **Date:** *23-Mar-04*

CLIENT: Stahle Production
Project: MKL
Lab Order: 0403027

CASE NARRATIVE

Samples were analyzed using the methods outlined in the following references:

Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW846, 3rd Edition.

All method blanks, laboratory spikes, and/or matrix spikes met quality assurance objectives.

Any quality control and/or data qualifiers associated with this laboratory order will be flagged in the analytical result page(s), the quality control summary report(s) or the sample receipt checklist.

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ANALYTICAL REPORT

Date: *23-Mar-04*

CLIENT:	Stahle Production	**Client Sample Info:**	MKL
Work Order:	0403027	**Client Sample ID:**	MKL 2-R
Project:	MKL	**Collection Date:**	3/19/2004 11:10:00 AM
Lab ID:	0403027-001A	**Matrix:**	AQUEOUS

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
AROMATIC VOLATILES BY GC/PID		**SW8021B**				Analyst: **JEM**
Benzene	ND	0.5		µg/L	1	3/19/2004
Ethylbenzene	ND	0.5		µg/L	1	3/19/2004
m,p-Xylene	ND	1.0		µg/L	1	3/19/2004
o-Xylene	ND	0.5		µg/L	1	3/19/2004
Toluene	ND	0.5		µg/L	1	3/19/2004

Qualifiers:

ND - Not Detected at the Practical Quantitation Limit
J - Analyte detected below Practical Quantitation Limit
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted precision limits
E - Value above Upper Quantitation Limit - UQL

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Shiprock, NM 87420

Off: (505) 368-4065

ANALYTICAL REPORT

Date: *23-Mar-04*

CLIENT:	Stahle Production	**Client Sample Info:**	MKL
Work Order:	0403027	**Client Sample ID:**	MKL 19
Project:	MKL	**Collection Date:**	3/18/2004 11:30:00 AM
Lab ID:	0403027-002A	**Matrix:**	AQUEOUS

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
AROMATIC VOLATILES BY GC/PID		**SW8021B**				Analyst: **JEM**
Benzene	ND	0.5		µg/L	1	3/19/2004
Ethylbenzene	ND	0.5		µg/L	1	3/19/2004
m,p-Xylene	ND	1.0		µg/L	1	3/19/2004
o-Xylene	ND	0.5		µg/L	1	3/19/2004
Toluene	2.2	0.5		µg/L	1	3/19/2004

Qualifiers:

ND - Not Detected at the Practical Quantitation Limit
J - Analyte detected below Practical Quantitation Limit
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted precision limits
E - Value above Upper Quantitation Limit - UQL

iiná bá

Sample Receipt Checklist

Client Name: **STA1001**

Date and Time Received: **3/19/2004**

Work Order Number: **0403027**

Received by: JEM

Checklist completed by: J Moore (Signature) 3/19/04 (Date)

Reviewed by: (Initials) 3/19/04 (Date)

Matrix:

Carrier name: Tom Stahle

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shippping container/cooler?	Yes ☐	No ☐	Not Present ☑
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☐	No ☑	
Water - VOA vials have zero headspace?	No VOA vials submitted ☐	Yes ☑	No ☐
Water - pH acceptable upon receipt?	Yes ☑	No ☐	

Adjusted? _____ Checked by: _____

Any No and/or NA (not applicable) response must be detailed in the comments section below.

Client contacted: _____ Date contacted: _____ Person contacted: _____

Contacted by: _____ Regarding: _____

Comments: Samples in cooler, no ice 12°C

Corrective Action: _____

iiná bá

Date: *23-Mar-04*

CLIENT: Stahle Production
Work Order: 0403027
Project: MKL

ANALYTICAL QC SUMMARY REPORT

TestCode: BTEX_W

Sample ID **MB_040319**	SampType: **MBLK**	TestCode: **BTEX_W**	Units: **µg/L**	Prep Date:		Run ID: **GC-1_040319A**
Client ID: **ZZZZZ**	Batch ID: **R5459**	TestNo: **SW8021B**		Analysis Date: **3/19/2004**		SeqNo: **78477**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	0.1929	0.50									J
Ethylbenzene	0.2461	0.50									J
m,p-Xylene	0.2726	1.0									J
o-Xylene	0.2648	0.50									J
Toluene	0.4191	0.50									J

Sample ID **LCS1_040319**	SampType: **LCS**	TestCode: **BTEX_W**	Units: **µg/L**	Prep Date:		Run ID: **GC-1_040319A**
Client ID: **ZZZZZ**	Batch ID: **R5459**	TestNo: **SW8021B**		Analysis Date: **3/19/2004**		SeqNo: **78476**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	36.53	0.50	40	0.1929	90.8	86	114	0	0		
Ethylbenzene	39.98	0.50	40	0.2461	99.3	85	116	0	0		
m,p-Xylene	80.43	1.0	80	0.2726	100	89	114	0	0		
o-Xylene	40.14	0.50	40	0.2648	99.7	86	114	0	0		
Toluene	40.12	0.50	40	0.4191	99.2	87	112	0	0		

Sample ID **0403027-001AMS**	SampType: **MS**	TestCode: **BTEX_W**	Units: **µg/L**	Prep Date:		Run ID: **GC-1_040319A**
Client ID: **MKL 2-R**	Batch ID: **R5459**	TestNo: **SW8021B**		Analysis Date: **3/19/2004**		SeqNo: **78478**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	186	2.5	200	0.7455	92.6	81	116	0	0		
Ethylbenzene	202.2	2.5	200	0.8675	101	85	115	0	0		
m,p-Xylene	406.1	5.0	400	1.062	101	84	117	0	0		
o-Xylene	201	2.5	200	1.035	100	84	113	0	0		
Toluene	202.5	2.5	200	1.44	101	88	110	0	0		

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

CLIENT: Stahle Production
Work Order: 0403027
Project: MKL

ANALYTICAL QC SUMMARY REPORT

TestCode: BTEX_W

Sample ID 0403027-001AMSD	SampType: MSD	TestCode: BTEX_W	Units: µg/L	Prep Date:	Run ID: GC-1_040319A
Client ID: MKL 2-R	Batch ID: R5459	TestNo: SW8021B		Analysis Date: 3/19/2004	SeqNo: 78479

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	178.9	2.5	200	0.7455	89.1	78	111	186	3.88	7	
Ethylbenzene	195.6	2.5	200	0.8675	97.4	82	111	202.2	3.30	6.9	
m,p-Xylene	393.1	5.0	400	1.062	98	80	113	406.1	3.25	6.8	
o-Xylene	195.1	2.5	200	1.035	97	83	110	201	2.99	6.4	
Toluene	195.5	2.5	200	1.44	97	84	110	202.5	3.50	6.3	

Sample ID CCV1_040319	SampType: CCV	TestCode: BTEX_W	Units: µg/L	Prep Date:	Run ID: GC-1_040319A
Client ID: ZZZZZ	Batch ID: R5459	TestNo: SW8021B		Analysis Date: 3/19/2004	SeqNo: 78474

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	19.81	0.50	20	0	99	85	115	0	0		
Ethylbenzene	21.69	0.50	20	0	108	85	115	0	0		
m,p-Xylene	43.41	1.0	40	0	109	85	115	0	0		
o-Xylene	21.52	0.50	20	0	108	85	115	0	0		
Toluene	21.79	0.50	20	0	109	85	115	0	0		

Sample ID CCV2_040319	SampType: CCV	TestCode: BTEX_W	Units: µg/L	Prep Date:	Run ID: GC-1_040319A
Client ID: ZZZZZ	Batch ID: R5459	TestNo: SW8021B		Analysis Date: 3/19/2004	SeqNo: 78475

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	38.09	0.50	40	0	95.2	85	115	0	0		
Ethylbenzene	41.38	0.50	40	0	103	85	115	0	0		
m,p-Xylene	83.09	1.0	80	0	104	85	115	0	0		
o-Xylene	41.27	0.50	40	0	103	85	115	0	0		
Toluene	41.58	0.50	40	0	104	85	115	0	0		

Qualifiers: ND - Not Detected at the Reporting Limit; J - Analyte detected below quantitation limits; S - Spike Recovery outside accepted recovery limits; R - RPD outside accepted recovery limits; B - Analyte detected in the associated Method Blank

CHAIN OF CUSTODY RECORD

4021

Hall Environmental Analysis Laboratory
(for life's sake)
612 E. Murray Dr. • P.O. Box 2606 • Farmington, NM 87499
Phone: (505) 327-1072 • Fax: (505) 327-1496

Date 3.18.04 Page _____ of _____

REPORT RESULTS TO:

Report to: Gene Simer
Company: Dominion E. + P.
Address:
City: Cadsbad, N.M. 88221
Phone: 885-1313 Fax: Email:

SEND INVOICE TO:

PO No.: Job No.:
Name: Tom Stahle
Company: Stahle Production
Address: 236 N. Dulce Bloomfield, NM 87413
City: (320.9357)

Turnaround Time:
10 days (normal) _____
24-48 hours (100%) _____
3-5 days (50%) _____

Sample Integrity
Intact X
On Ice _____

Subcontract
Yes _____
No X

Sampling Location:

NUMBER OF CONTAINERS:

Analysis Requested

Sample Identification	Sample Date	Sample Time	Matrix	Pres.	BTEX	Lab ID
MKL 2·R	3/18/04	11:10			X	0403027-001A
MKL 19	3/18	11:30			X	↓ -002A

Relinquished by: Tom Stahle	Date/Time: 3.18.04 11:30A	Received by: J Moore	Date/Time: 3/19/04 8:20
Relinquished by:	Date/Time:	Received by:	Date/Time:
Relinquished by:	Date/Time:	Received by:	Date/Time:

Comments: in Cooler no ice 12°C

DISTRIBUTION WHITE - Lab • YELLOW - Client • PINK - Courier

san juan reproduction-i

612 E. Murray Drive
Farmington, NM 87499

Off: (505) 327-1072
FAX: (505) 327-1496

iiná bá

P.O. Box 3788
Shiprock, NM 87420

Off: (505) 368-4065

March 23, 2004

Tom Stahle
Stahle Production
236 N. Dulce
Bloomfield, NM 87413

TEL:
FAX

30-039-24611
30-039-06621

RE: MKL Water Samples

Order No.: 0403020

Dear Tom Stahle:

iiná bá received 2 samples on 3/17/2004 for the analyses presented in the following report.

This certificate of analysis includes the Analytical Report(s) for the sample(s) received by the laboratory. A Quality Control Summary Report, the Sample Receipt Checklist and an executed Chain of Custody are included as an addendum to this report.

Should you have any questions regarding this certificate of analysis, please contact the laboratory at your convenience.

Report Approved By: _____

David Cox
Laboratory Manager

Heidi Reese
Quality Assurance Officer

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Farmington, NM 87499

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iiná bá

P.O. Box 3788
Shiprock, NM 87420

Off: (505) 368-4065

iiná bá **Date:** *23-Mar-04*

CLIENT: Stahle Production
Project: MKL Water Samples
Lab Order: 0403020

CASE NARRATIVE

Samples were analyzed using the methods outlined in the following references:

Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW846, 3rd Edition.
Methods for Chemical Analysis of Water and Wastes, EPA-600/4-79-020, March 1983.
Standard Methods for the Examination of Water and Wastewater, 18th Edition, 1992.

All method blanks, laboratory spikes, and/or matrix spikes met quality assurance objectives.

Any quality control and/or data qualifiers associated with this laboratory order will be flagged in the analytical result page(s), the quality control summary report(s) or the sample receipt checklist.

Cation-Anion Balance; 0403020-001A: MKL - 19
Total Cation-Anion = 95.66 meq/L
Difference Cation-Anion = 1.25 meq/L
% Difference = 1.3 %

Cation-Anion Balance; 0403020-002A: MKL 2R
Total Cation-Anion = 16.50 meq/L
Difference Cation-Anion = 0.82 meq/L
% Difference = 5.0 %

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ANALYTICAL REPORT

Date: *23-Mar-04*

CLIENT:	Stahle Production	**Client Sample Info:**	MKL Water Sample
Work Order:	0403020	**Client Sample ID:**	MKL-19
Project:	MKL Water Samples	**Collection Date:**	3/16/2004 10:00:00 AM
Lab ID:	0403020-001A	**Matrix:**	AQUEOUS

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS, DISSOLVED		**SW6010B**		**(SW6010B)**		Analyst: **DWC**
Iron	ND	0.900		mg/L	5	3/18/2004
Magnesium	0.179	0.065		mg/L	5	3/18/2004
Calcium	374	0.205		mg/L	5	3/18/2004
Sodium	683	0.650		mg/L	5	3/18/2004
Potassium	2.53	0.550		mg/L	5	3/18/2004
ANIONS BY ION CHROMATOGRAPHY		**E300**				Analyst: **HNR**
Chloride	10.7	2.50		mg/L	25	3/18/2004
Sulfate	2240	25.0		mg/L	250	3/18/2004
ALKALINITY, TOTAL		**M2320 B**				Analyst: **HNR**
Alkalinity, Bicarbonate (As CaCO3)	ND	5		mg/L CaCO3	1	3/18/2004
Alkalinity, Carbonate (As CaCO3)	13	5		mg/L CaCO3	1	3/18/2004
Alkalinity, Hydroxide	ND	5		mg/L CaCO3	1	3/18/2004
Alkalinity, Total (As CaCO3)	16	5		mg/L CaCO3	1	3/18/2004
HARDNESS, TOTAL		**M2340 B**				Analyst: **HNR**
Hardness (As CaCO3)	940	1		mg/L	1	3/23/2004
PH		**E150.1**				Analyst: **JEM**
pH	9.73	2.00		pH units	1	3/17/2004
Temperature	14.2	0		Deg C	1	3/17/2004
RESISTIVITY (@ 25 DEG. C)		**M2510 C**				Analyst: **HNR**
Resistivity	2.597	0.001		ohm-m	1	3/23/2004
SPECIFIC GRAVITY		**M2710 F**				Analyst: **HNR**
Specific Gravity	1.004	0.001		Units	1	3/19/2004
TOTAL DISSOLVED SOLIDS		**E160.1**				Analyst: **HNR**
Total Dissolved Solids (Residue, Filterable)	3250	40		mg/L	1	3/18/2004
TOTAL DISSOLVED SOLIDS		**M1030F**				Analyst: **HNR**
Total Dissolved Solids (Calculated)	3320	5		mg/L	1	3/23/2004

Qualifiers:

ND - Not Detected at the Practical Quantitation Limit
J - Analyte detected below Practical Quantitation Limit
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted precision limits
E - Value above Upper Quantitation Limit - UQL

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P.O. Box 3788
Shiprock, NM 87420

Off: (505) 368-4065

ANALYTICAL REPORT

Date: *23-Mar-04*

CLIENT:	Stahle Production	**Client Sample Info:**	MKL Water Sample
Work Order:	0403020	**Client Sample ID:**	MKL 2-R
Project:	MKL Water Samples	**Collection Date:**	3/16/2004 10:00:00 AM
Lab ID:	0403020-002A	**Matrix:**	AQUEOUS

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS, DISSOLVED		**SW6010B**		**(SW6010B)**		Analyst: **DWC**
Calcium	0.642	0.041		mg/L	1	3/18/2004
Iron	ND	0.180		mg/L	1	3/18/2004
Magnesium	0.014	0.013		mg/L	1	3/18/2004
Potassium	0.472	0.110		mg/L	1	3/18/2004
Sodium	198	0.650		mg/L	5	3/18/2004
ANIONS BY ION CHROMATOGRAPHY		**E300**				Analyst: **HNR**
Chloride	4.12	1.00		mg/L	10	3/18/2004
Sulfate	153	5.00		mg/L	50	3/18/2004
ALKALINITY, TOTAL		**M2320 B**				Analyst: **HNR**
Alkalinity, Bicarbonate (As CaCO3)	109	5		mg/L CaCO3	1	3/18/2004
Alkalinity, Carbonate (As CaCO3)	165	5		mg/L CaCO3	1	3/18/2004
Alkalinity, Hydroxide	ND	5		mg/L CaCO3	1	3/18/2004
Alkalinity, Total (As CaCO3)	274	5		mg/L CaCO3	1	3/18/2004
HARDNESS, TOTAL		**M2340 B**				Analyst: **HNR**
Hardness (As CaCO3)	2	1		mg/L	1	3/23/2004
PH		**E150.1**				Analyst: **JEM**
pH	9.96	2.00		pH units	1	3/17/2004
Temperature	15.8	0		Deg C	1	3/17/2004
RESISTIVITY (@ 25 DEG. C)		**M2510 C**				Analyst: **HNR**
Resistivity	11.186	0.001		ohm-m	1	3/23/2004
SPECIFIC GRAVITY		**M2710 F**				Analyst: **HNR**
Specific Gravity	1.001	0.001		Units	1	3/19/2004
TOTAL DISSOLVED SOLIDS		**E160.1**				Analyst: **HNR**
Total Dissolved Solids (Residue, Filterable)	528	40		mg/L	1	3/18/2004
TOTAL DISSOLVED SOLIDS		**M1030F**				Analyst: **HNR**
Total Dissolved Solids (Calculated)	521	5		mg/L	1	3/23/2004

Qualifiers:

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B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted precision limits
E - Value above Upper Quantitation Limit - UQL

iiná bá

Sample Receipt Checklist

Client Name: **DOM1001** Date and Time Received: **3/17/2004**

Work Order Number: **0403020** Received by: JEM

Checklist completed by: J Moore 3/17/04 (Signature / Date) Reviewed by: JR (Initials) 3/18/04 (Date)

Matrix: Carrier name: Tom Stahle

Shipping container/cooler in good condition?	Yes ☐	No ☐	Not Present ☑
Custody seals intact on shippping container/cooler?	Yes ☐	No ☐	Not Present ☑
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☐	No ☑	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☐	No ☑	
Water - VOA vials have zero headspace?	No VOA vials submitted ☑	Yes ☐	No ☐
Water - pH acceptable upon receipt?	Yes ☑	No ☐	

Adjusted? _____ Checked by: _____

Any No and/or NA (not applicable) response must be detailed in the comments section below.

Client contacted: _____ Date contacted: _____ Person contacted: _____

Contacted by: _____ Regarding: _____

Comments: Hand carried in 20(?) oz. drinking water bottles. Temp 13°c.

Corrective Action: _____

CLIENT: Stahle Production
Work Order: 0403020
Project: MKL Water Samples

ANALYTICAL QC SUMMARY REPORT

TestCode: 300_W

Sample ID **MBLK_040318**	SampType: **MBLK**	TestCode: **300_W**	Units: **mg/L**	Prep Date:	Run ID: **IC-761_040318A**
Client ID: **ZZZZZ**	Batch ID: **R5451**	TestNo: **E300**		Analysis Date: **3/18/2004**	SeqNo: **78381**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloride	ND	0.100									
Sulfate	0.026	0.100									J

Sample ID **LCS_040318**	SampType: **LCS**	TestCode: **300_W**	Units: **mg/L**	Prep Date:	Run ID: **IC-761_040318A**
Client ID: **ZZZZZ**	Batch ID: **R5451**	TestNo: **E300**		Analysis Date: **3/18/2004**	SeqNo: **78383**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloride	2.477	0.100	2.5	0	99.1	94	108	0	0		
Sulfate	2.503	0.100	2.5	0.026	99.1	94	108	0	0		

Sample ID **0403010-003AMS**	SampType: **MS**	TestCode: **300_W**	Units: **mg/L**	Prep Date:	Run ID: **IC-761_040318A**
Client ID: **ZZZZZ**	Batch ID: **R5451**	TestNo: **E300**		Analysis Date: **3/18/2004**	SeqNo: **78386**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloride	362.8	5.00	125	237.3	100	86	114	0	0		
Sulfate	191.1	5.00	125	62.5	103	87	110	0	0		

Sample ID **0403010-003AD**	SampType: **DUP**	TestCode: **300_W**	Units: **mg/L**	Prep Date:	Run ID: **IC-761_040318A**
Client ID: **ZZZZZ**	Batch ID: **R5451**	TestNo: **E300**		Analysis Date: **3/18/2004**	SeqNo: **78385**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloride	238	2.50	0	0	0	0	0	237.3	0.316	13	
Sulfate	62.9	2.50	0	0	0	0	0	62.5	0.638	6.7	

Sample ID **CCV1_040318**	SampType: **CCV**	TestCode: **300_W**	Units: **mg/L**	Prep Date:	Run ID: **IC-761_040318A**
Client ID: **ZZZZZ**	Batch ID: **R5451**	TestNo: **E300**		Analysis Date: **3/18/2004**	SeqNo: **78382**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloride	5.093	0.100	5	0	102	90	110	0	0		

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

CLIENT: Stahle Production
Work Order: 0403020
Project: MKL Water Samples

ANALYTICAL QC SUMMARY REPORT

TestCode: 300_W

Sample ID **CCV1_040318**	SampType: **CCV**	TestCode: **300_W**	Units: **mg/L**	Prep Date:	Run ID: **IC-761_040318A**
Client ID: **ZZZZZ**	Batch ID: **R5451**	TestNo: **E300**		Analysis Date: **3/18/2004**	SeqNo: **78382**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Sulfate	5.11	0.100	5	0	102	90	110	0	0		

Sample ID **CCV2_040318**	SampType: **CCV**	TestCode: **300_W**	Units: **mg/L**	Prep Date:	Run ID: **IC-761_040318A**
Client ID: **ZZZZZ**	Batch ID: **R5451**	TestNo: **E300**		Analysis Date: **3/18/2004**	SeqNo: **78395**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloride	2.476	0.100	2.5	0	99	90	110	0	0		
Sulfate	2.494	0.100	2.5	0	99.8	90	110	0	0		

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

CLIENT: Stahle Production
Work Order: 0403020
Project: MKL Water Samples

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010B_CATIONS

Sample ID MB_615	SampType: MBLK	TestCode: 6010B_CATI	Units: mg/L	Prep Date: 3/18/2004	Run ID: ICP_1_040318A
Client ID: ZZZZZ	Batch ID: 615	TestNo: SW6010B	(SW6010B)	Analysis Date: 3/18/2004	SeqNo: 78422

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Iron	ND	0.180									
Magnesium	ND	0.0130									
Calcium	ND	0.0410									
Sodium	ND	0.130									
Potassium	ND	0.110									

Sample ID LCS_615	SampType: LCS	TestCode: 6010B_CATI	Units: mg/L	Prep Date: 3/18/2004	Run ID: ICP_1_040318A
Client ID: ZZZZZ	Batch ID: 615	TestNo: SW6010B	(SW6010B)	Analysis Date: 3/18/2004	SeqNo: 78423

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Iron	4.904	0.180	4.985	0	98.4	75	125	0	0		
Magnesium	5.004	0.0130	5	0	100	75	125	0	0		
Calcium	4.953	0.0410	4.975	0	99.6	75	125	0	0		
Sodium	49.34	0.130	49.9	0	98.9	75	125	0	0		
Potassium	4.935	0.110	5	0	98.7	75	125	0	0		

Sample ID LCSD_615	SampType: LCSD	TestCode: 6010B_CATI	Units: mg/L	Prep Date: 3/18/2004	Run ID: ICP_1_040318A
Client ID: ZZZZZ	Batch ID: 615	TestNo: SW6010B	(SW6010B)	Analysis Date: 3/18/2004	SeqNo: 78424

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Iron	4.91	0.180	4.985	0	98.5	75	125	4.904	0.113	20	
Magnesium	4.97	0.0130	5	0	99.4	75	125	5.004	0.679	20	
Calcium	4.876	0.0410	4.975	0	98	75	125	4.953	1.57	20	
Sodium	49.16	0.130	49.9	0	98.5	75	125	49.34	0.382	20	
Potassium	4.923	0.110	5	0	98.5	75	125	4.935	0.246	20	

Sample ID 0403017-001BMS	SampType: MS	TestCode: 6010B_CATI	Units: mg/L	Prep Date: 3/18/2004	Run ID: ICP_1_040318A
Client ID: ZZZZZ	Batch ID: 615	TestNo: SW6010B	(SW6010B)	Analysis Date: 3/18/2004	SeqNo: 78426

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Iron	24.58	0.900	24.92	0.1177	98.2	75	125	0	0		

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

CLIENT: Stahle Production
Work Order: 0403020
Project: MKL Water Samples

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010B_CATIONS

Sample ID 0403017-001BMS	SampType: MS	TestCode: 6010B_CATI	Units: mg/L	Prep Date: 3/18/2004	Run ID: ICP_1_040318A
Client ID: ZZZZZ	Batch ID: 615	TestNo: SW6010B	(SW6010B)	Analysis Date: 3/18/2004	SeqNo: 78426

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Magnesium	25.13	0.0650	25	0.4025	98.9	75	125	0	0		
Calcium	27.45	0.205	24.88	2.999	98.3	75	125	0	0		
Sodium	682.1	0.650	249.5	424.6	103	75	125	0	0		
Potassium	25.94	0.550	25	1.097	99.4	75	125	0	0		

Sample ID 0403017-001BMSD	SampType: MSD	TestCode: 6010B_CATI	Units: mg/L	Prep Date: 3/18/2004	Run ID: ICP_1_040318A
Client ID: ZZZZZ	Batch ID: 615	TestNo: SW6010B	(SW6010B)	Analysis Date: 3/18/2004	SeqNo: 78427

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Iron	24.19	0.900	24.92	0.1177	96.6	75	125	24.58	1.63	20	
Magnesium	25.02	0.0650	25	0.4025	98.5	75	125	25.13	0.428	20	
Calcium	27.41	0.205	24.88	2.999	98.1	75	125	27.45	0.149	20	
Sodium	671.8	0.650	249.5	424.6	99.1	75	125	682.1	1.52	20	
Potassium	25.8	0.550	25	1.097	98.8	75	125	25.94	0.556	20	

Sample ID CCB1_040318	SampType: CCB	TestCode: 6010B_CATI	Units: mg/L	Prep Date:	Run ID: ICP_1_040318A
Client ID: ZZZZZ	Batch ID: 615	TestNo: SW6010B		Analysis Date: 3/18/2004	SeqNo: 78431

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Calcium	ND	0.0410	0	0	0	0	0	0	0		
Iron	0.0031	0.180	0	0	0	0	0	0	0		
Magnesium	ND	0.0130	0	0	0	0	0	0	0		
Potassium	ND	0.110	0	0	0	0	0	0	0		
Sodium	0.0022	0.130	0	0	0	0	0	0	0		

Sample ID CCB2_040318	SampType: CCB	TestCode: 6010B_CATI	Units: mg/L	Prep Date:	Run ID: ICP_1_040318A
Client ID: ZZZZZ	Batch ID: 615	TestNo: SW6010B		Analysis Date: 3/18/2004	SeqNo: 78434

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Calcium	ND	0.0410	0	0	0	0	0	0	0		
Iron	0.0045	0.180	0	0	0	0	0	0	0		

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

CLIENT: Stahle Production
Work Order: 0403020
Project: MKL Water Samples

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010B_CATIONS

Sample ID CCB2_040318	SampType: CCB	TestCode: 6010B_CATI	Units: mg/L	Prep Date:	Run ID: ICP_1_040318A
Client ID: ZZZZZ	Batch ID: 615	TestNo: SW6010B		Analysis Date: 3/18/2004	SeqNo: 78434

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Magnesium	ND	0.0130	0	0	0	0	0	0	0		
Potassium	0.0056	0.110	0	0	0	0	0	0	0		
Sodium	0.0687	0.130	0	0	0	0	0	0	0		

Sample ID CCV1_040318	SampType: CCV	TestCode: 6010B_CATI	Units: mg/L	Prep Date:	Run ID: ICP_1_040318A
Client ID: ZZZZZ	Batch ID: 615	TestNo: SW6010B		Analysis Date: 3/18/2004	SeqNo: 78432

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Calcium	0.797	0.0410	0.796	0	100	90	110	0	0		
Iron	0.7539	0.180	0.798	0	94.5	90	110	0	0		
Magnesium	0.8073	0.0130	0.8	0	101	90	110	0	0		
Potassium	0.8015	0.110	0.8	0	100	90	110	0	0		
Sodium	7.923	0.130	7.984	0	99.2	90	110	0	0		

Sample ID CCV2_040318	SampType: CCV	TestCode: 6010B_CATI	Units: mg/L	Prep Date:	Run ID: ICP_1_040318A
Client ID: ZZZZZ	Batch ID: 615	TestNo: SW6010B		Analysis Date: 3/18/2004	SeqNo: 78435

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Calcium	1.975	0.0410	1.99	0	99.2	90	110	0	0		
Iron	1.964	0.180	1.994	0	98.5	90	110	0	0		
Magnesium	2.037	0.0130	2	0	102	90	110	0	0		
Potassium	2.024	0.110	2	0	101	90	110	0	0		
Sodium	19.98	0.130	19.96	0	100	90	110	0	0		

Sample ID ICV_040318	SampType: ICV	TestCode: 6010B_CATI	Units: mg/L	Prep Date:	Run ID: ICP_1_040318A
Client ID: ZZZZZ	Batch ID: 615	TestNo: SW6010B		Analysis Date: 3/18/2004	SeqNo: 78433

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Calcium	4.909	0.0410	5.002	0	98.2	90	110	0	0		
Iron	5.048	0.180	5	0	101	90	110	0	0		
Magnesium	5.029	0.0130	5.002	0	101	90	110	0	0		

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

CLIENT: Stahle Production
Work Order: 0403020
Project: MKL Water Samples

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010B_CATIONS

Sample ID	ICV_040318	SampType:	ICV	TestCode:	6010B_CATI	Units:	mg/L	Prep Date:		Run ID:	ICP_1_040318A
Client ID:	ZZZZZ	Batch ID:	615	TestNo:	SW6010B			Analysis Date:	3/18/2004	SeqNo:	78433

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Potassium	4.985	0.110	5	0	99.7	90	110	0	0		
Sodium	5.016	0.130	5.002	0	100	90	110	0	0		

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

CLIENT: Stahle Production
Work Order: 0403020
Project: MKL Water Samples

ANALYTICAL QC SUMMARY REPORT

TestCode: ALK_W

Sample ID **MBLK**	SampType: **MBLK**	TestCode: **ALK_W**	Units: **mg/L CaCO3**	Prep Date:	Run ID: **WET CHEM_040318A**
Client ID: **ZZZZZ**	Batch ID: **R5450**	TestNo: **M2320 B**		Analysis Date: **3/18/2004**	SeqNo: **78338**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Alkalinity, Bicarbonate (As CaCO3)	2	5.0									J
Alkalinity, Carbonate (As CaCO3)	ND	5.0									
Alkalinity, Hydroxide	ND	5.0									
Alkalinity, Total (As CaCO3)	2	5.0									J

Sample ID **LCS 3078**	SampType: **LCS**	TestCode: **ALK_W**	Units: **mg/L CaCO3**	Prep Date:	Run ID: **WET CHEM_040318A**
Client ID: **ZZZZZ**	Batch ID: **R5450**	TestNo: **M2320 B**		Analysis Date: **3/18/2004**	SeqNo: **78339**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Alkalinity, Total (As CaCO3)	273	5.0	278	2	97.5	90	110	0	0		

Sample ID **0403010-003AD**	SampType: **DUP**	TestCode: **ALK_W**	Units: **mg/L CaCO3**	Prep Date:	Run ID: **WET CHEM_040318A**
Client ID: **ZZZZZ**	Batch ID: **R5450**	TestNo: **M2320 B**		Analysis Date: **3/18/2004**	SeqNo: **78341**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Alkalinity, Bicarbonate (As CaCO3)	20.3	5.00	0	0	0	0	0	20.1	0.990	5	
Alkalinity, Carbonate (As CaCO3)	ND	5.00	0	0	0	0	0	0	0	20	
Alkalinity, Hydroxide	ND	5.00	0	0	0	0	0	0	0	20	
Alkalinity, Total (As CaCO3)	20.3	5.00	0	0	0	0	0	20.1	0.990	5	

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

CLIENT: Stahle Production
Work Order: 0403020
Project: MKL Water Samples

ANALYTICAL QC SUMMARY REPORT

TestCode: HARD

Sample ID **MBLK_615**	SampType: **MBLK**	TestCode: **HARD**	Units: **mg/L**	Prep Date:			Run ID: **WET CHEM_040323B**
Client ID: **ZZZZZ**	Batch ID: **R5469**	TestNo: **M2340 B**		Analysis Date: **3/23/2004**			SeqNo: **78578**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hardness (As CaCO3)	ND	1.0									

Sample ID **LCS_615**	SampType: **LCS**	TestCode: **HARD**	Units: **mg/L**	Prep Date:			Run ID: **WET CHEM_040323B**
Client ID: **ZZZZZ**	Batch ID: **R5469**	TestNo: **M2340 B**		Analysis Date: **3/23/2004**			SeqNo: **78582**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hardness (As CaCO3)	33	1.0	33	0	100	90	110	0	0		

Sample ID **LCSD_615**	SampType: **LCSD**	TestCode: **HARD**	Units: **mg/L**	Prep Date:			Run ID: **WET CHEM_040323B**
Client ID: **ZZZZZ**	Batch ID: **R5469**	TestNo: **M2340 B**		Analysis Date: **3/23/2004**			SeqNo: **78583**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hardness (As CaCO3)	33	1.0	33	0	100	90	110	33	0	0	

Sample ID **CCV1_040318**	SampType: **CCV**	TestCode: **HARD**	Units: **mg/L**	Prep Date:			Run ID: **WET CHEM_040323B**
Client ID: **ZZZZZ**	Batch ID: **R5469**	TestNo: **M2340 B**		Analysis Date: **3/23/2004**			SeqNo: **78579**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hardness (As CaCO3)	5	1.0	5	0	100	90	110	0	0		

Sample ID **CCV2_040318**	SampType: **CCV**	TestCode: **HARD**	Units: **mg/L**	Prep Date:			Run ID: **WET CHEM_040323B**
Client ID: **ZZZZZ**	Batch ID: **R5469**	TestNo: **M2340 B**		Analysis Date: **3/23/2004**			SeqNo: **78580**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hardness (As CaCO3)	13	1.0	13	0	100	90	110	0	0		

Sample ID **ICV_040318**	SampType: **ICV**	TestCode: **HARD**	Units: **mg/L**	Prep Date:			Run ID: **WET CHEM_040323B**
Client ID: **ZZZZZ**	Batch ID: **R5469**	TestNo: **M2340 B**		Analysis Date: **3/23/2004**			SeqNo: **78581**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

CLIENT: Stahle Production
Work Order: 0403020
Project: MKL Water Samples

ANALYTICAL QC SUMMARY REPORT

TestCode: HARD

Sample ID **ICV_040318**	SampType: **ICV**	TestCode: **HARD**	Units: **mg/L**	Prep Date:	Run ID: **WET CHEM_040323B**
Client ID: **ZZZZZ**	Batch ID: **R5469**	TestNo: **M2340 B**		Analysis Date: **3/23/2004**	SeqNo: **78581**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hardness (As CaCO3)	33	1.0	33	0	100	90	110	0	0		

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

CLIENT: Stahle Production
Work Order: 0403020
Project: MKL Water Samples

ANALYTICAL QC SUMMARY REPORT

TestCode: PH_W

Sample ID **LCS 3080**	SampType: **LCS**	TestCode: **PH_W**	Units: **pH units**	Prep Date:		Run ID: **WET CHEM_040317A**
Client ID: **ZZZZZ**	Batch ID: **R5448**	TestNo: **E150.1**		Analysis Date: **3/17/2004**		SeqNo: **78327**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
pH	9.094	2.00	9.16	0	99.3	97	103	0	0		

Sample ID **0403020-001AD**	SampType: **DUP**	TestCode: **PH_W**	Units: **pH units**	Prep Date:		Run ID: **WET CHEM_040317A**
Client ID: **MKL-19**	Batch ID: **R5448**	TestNo: **E150.1**		Analysis Date: **3/17/2004**		SeqNo: **78329**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
pH	9.656	2.00	0	0	0	0	0	9.733	0.794	4	
Temperature	20	0	0	0	0	0	0	14.2	33.9	0	

Sample ID **CCV1 2073**	SampType: **CCV**	TestCode: **PH_W**	Units: **pH units**	Prep Date:		Run ID: **WET CHEM_040317A**
Client ID: **ZZZZZ**	Batch ID: **R5448**	TestNo: **E150.1**		Analysis Date: **3/17/2004**		SeqNo: **78326**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
pH	4.028	2.00	4	0	101	95	105	0	0		
Temperature	22.8	0	0	0	0	0	0	0	0		

Sample ID **CCV2 3074**	SampType: **CCV**	TestCode: **PH_W**	Units: **pH units**	Prep Date:		Run ID: **WET CHEM_040317A**
Client ID: **ZZZZZ**	Batch ID: **R5448**	TestNo: **E150.1**		Analysis Date: **3/17/2004**		SeqNo: **78331**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
pH	7.045	2.00	7	0	101	95	105	0	0		
Temperature	24.2	0	0	0	0	0	0	0	0		

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

CLIENT: Stahle Production
Work Order: 0403020
Project: MKL Water Samples

ANALYTICAL QC SUMMARY REPORT

TestCode: RES_W

Sample ID	LCS 3084	SampType:	LCS	TestCode:	RES_W	Units:	ohm-m	Prep Date:		Run ID:	WET CHEM_040323C
Client ID:	ZZZZZ	Batch ID:	R5470	TestNo:	M2510 C			Analysis Date:	3/23/2004	SeqNo:	78586

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Resistivity	0.7746	0.00100	0.7752	0	99.9	90	110	0	0		

Sample ID	0403020-002AD	SampType:	DUP	TestCode:	RES_W	Units:	ohm-m	Prep Date:		Run ID:	WET CHEM_040323C
Client ID:	MKL 2-R	Batch ID:	R5470	TestNo:	M2510 C			Analysis Date:	3/23/2004	SeqNo:	78589

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Resistivity	11.22	0.001000	0	0	0	0	0	11.19	0.336	15	

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

CLIENT: Stahle Production
Work Order: 0403020
Project: MKL Water Samples

ANALYTICAL QC SUMMARY REPORT

TestCode: TDS_W

Sample ID **MBLK**	SampType: **MBLK**	TestCode: **TDS_W**	Units: **mg/L**	Prep Date:	Run ID: **WET CHEM_040318B**
Client ID: **ZZZZZ**	Batch ID: **R5460**	TestNo: **E160.1**		Analysis Date: **3/18/2004**	SeqNo: **78480**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total Dissolved Solids (Residue, Filtera	22	40.0									J

Sample ID **LCS 3078**	SampType: **LCS**	TestCode: **TDS_W**	Units: **mg/L**	Prep Date:	Run ID: **WET CHEM_040318B**
Client ID: **ZZZZZ**	Batch ID: **R5460**	TestNo: **E160.1**		Analysis Date: **3/18/2004**	SeqNo: **78481**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total Dissolved Solids (Residue, Filtera	2034	40.0	2280	22	88.2	90	110	0	0		S

Sample ID **0403018-003AD**	SampType: **DUP**	TestCode: **TDS_W**	Units: **mg/L**	Prep Date:	Run ID: **WET CHEM_040318B**
Client ID: **ZZZZZ**	Batch ID: **R5460**	TestNo: **E160.1**		Analysis Date: **3/18/2004**	SeqNo: **78489**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total Dissolved Solids (Residue, Filtera	354	40.0	0	0	0	0	0	338	4.62	6.6	

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

CHAIN OF CUSTODY RECORD

4017

Hiiná bá (for life's sake)
612 E. Murray Dr. • P.O. Box 2606 • Farmington, NM 87499
Phone: (505) 327-1072 • Fax: (505) 327-1496

Date _____ Page _____ of _____

every thing (Results + invoice) to Tom

REPORT RESULTS TO:

Report to: Gene Simer
Company: Dominion E. + P.
Address: P.O. Box 370
City: Carlsbad N.M. 88221
Phone: 885-1313 Fax: Email:

SEND INVOICE TO:

PO No.: Job No.:
Name: Tom Stahle
Company: Stahle Production
Address: 236 N. Dulce
City: Bloomfield N.M. 87413
320-9357

Turnaround Time:
10 days (normal) ~~X~~
24-48 hours (100%) _____
3-5 days (50%) X

Sample Integrity
Intact X
On Ice _____

Subcontract
Yes _____
No X

Sampling Location:

NUMBER OF CONTAINERS:

Analysis Requested

Sample Identification	Sample Date	Sample Time	Matrix	Pres.	API	BTEX	Lab ID
MKL-19	3/16/04	10:00	H_2O	—	X	X	0403020-001A
MKL-2-R	3/16/04	10:00	H_2O	-	X		-002A

Relinquished by: Tom Stahle	Date/Time: 3/17/04 8:30	Received by: J Moore	Date/Time: 3/17/04 8:30
Relinquished by:	Date/Time:	Received by:	Date/Time:
Relinquished by:	Date/Time:	Received by:	Date/Time:

Comments: 13°C

DISTRIBUTION WHITE - Lab • YELLOW - Client • PINK - Courier

san juan reproduction-i