



**From:** [Larsen, Thurman](#)  
**To:** [VanHorn, Kristen, NMENV](#)  
**Cc:** [Riege, Ed](#)  
**Subject:** MPPE Exceedance for November 30, 2012  
**Date:** Tuesday, December 11, 2012 11:33:10 AM  
**Attachments:** [1212026.pdf](#)

---

Dear Kristen,

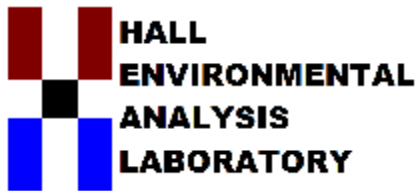
On Friday, November 30<sup>th</sup>, the MPPE unit had a high benzene results of 1200 ug/l (1.2 ppm). At the time, the MPPE was operating normally with no issues. The turbidity (<10 NTU) Chemical dosage was low because of low hydrocarbon content and particulates.

As a standard procedure, Hall ran a duplicate analysis that gave an identical results of 1.2 ppm. The exceedance was found to contribute to a "bad" sample that was collected due to poor sampling techniques; i.e., insufficient line purging prior to collecting sample. Our internal laboratory results was < 0.1 ppm for the split sample. Western collects split samples as a standard practice. One is sent to Hall Environmental Laboratory, the other is run in our own laboratory.

The first sample collected was sent to Hall and the second sample was given to our lab. The first (Hall) sample had a higher concentration from stagnant liquid in the line because of insufficient purge volume prior to sample collection. By the time the second sample was collected, the concentration had decreased because the purge line had cleared and a satisfactory purge volume was reached at the time that our sample was collected. Therefore, the sample that was sent to Hall was a "bad" sample and not representative of the actual concentration from the MPPE Unit.

If you should have any questions or concerns, please feel free to contact me at (505) 722-0258 or via e-mail.

Thanks,  
Beck Larsen



Hall Environmental Analysis Laboratory  
4901 Hawkins NE  
Albuquerque, NM 87109  
TEL: 505-345-3975 FAX: 505-345-4107  
Website: [www.hallenvironmental.com](http://www.hallenvironmental.com)

December 07, 2012

Thurman B. Larsen  
Western Refining Southwest, Gallup  
Rt. 3 Box 7  
Gallup, NM 87301  
TEL: (505) 722-0258  
FAX (505) 722-0210

RE: MPPE

OrderNo.: 1212026

Dear Thurman B. Larsen:

Hall Environmental Analysis Laboratory received 2 sample(s) on 12/3/2012 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to [www.hallenvironmental.com](http://www.hallenvironmental.com) or the state specific web sites. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. All samples are reported as received unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

Sincerely,

A handwritten signature in black ink, appearing to read "Andy Freeman", is written in a cursive style.

Andy Freeman  
Laboratory Manager  
4901 Hawkins NE  
Albuquerque, NM 87109



Hall Environmental Analysis Laboratory  
4901 Hawkins NE  
Albuquerque, NM 87109  
TEL: 505-345-3975 FAX: 505-345-4107  
Website: [www.hallenvironmental.com](http://www.hallenvironmental.com)

## Case Narrative

WO#: 1212026  
Date: 12/7/2012

---

**CLIENT:** Western Refining Southwest, Gallup  
**Project:** MPPE

---

Analytical Notes for EPA Method 8260:

The MPPE sample collected on 11/30 has a Benzene concentration of 1,200 ug/L. This result was confirmed with a reanalysis of the sample with a result of 1,200 ug/L.

# Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1212026

Date Reported: 12/7/2012

CLIENT: Western Refining Southwest, Gallup

Client Sample ID: MPPE

Project: MPPE

Collection Date: 11/29/2012 8:00:00 AM

Lab ID: 1212026-001

Matrix: AQUEOUS

Received Date: 12/3/2012 1:20:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 8015B: DIESEL RANGE</b>						Analyst: <b>JMP</b>
Diesel Range Organics (DRO)	9.8	1.0		mg/L	1	12/3/2012 9:39:00 PM
Surr: DNOP	116	79.5-166		%REC	1	12/3/2012 9:39:00 PM
<b>EPA METHOD 8021B: VOLATILES</b>						Analyst: <b>NSB</b>
Methyl tert-butyl ether (MTBE)	ND	50	P	µg/L	20	12/4/2012 4:03:04 PM
Benzene	26	20	P	µg/L	20	12/4/2012 4:03:04 PM
Toluene	ND	20	P	µg/L	20	12/4/2012 4:03:04 PM
Ethylbenzene	ND	20	P	µg/L	20	12/4/2012 4:03:04 PM
Xylenes, Total	ND	40	P	µg/L	20	12/4/2012 4:03:04 PM
Surr: 4-Bromofluorobenzene	96.9	69.7-152	P	%REC	20	12/4/2012 4:03:04 PM
<b>EPA METHOD 300.0: ANIONS</b>						Analyst: <b>JRR</b>
Fluoride	53	10	*	mg/L	100	12/4/2012 11:32:23 PM
Chloride	220	50		mg/L	100	12/3/2012 10:01:38 PM
Bromide	1.3	1.0		mg/L	10	12/3/2012 9:49:13 PM
Phosphorus, Orthophosphate (As P)	ND	5.0	H	mg/L	10	12/3/2012 9:49:13 PM
Sulfate	810	50		mg/L	100	12/3/2012 10:01:38 PM
Nitrate+Nitrite as N	ND	2.0		mg/L	10	12/3/2012 10:14:03 PM
<b>EPA METHOD 200.7: TOTAL METALS</b>						Analyst: <b>ELS</b>
Calcium	47	1.0		mg/L	1	12/5/2012 9:33:24 AM
Magnesium	15	1.0		mg/L	1	12/5/2012 9:33:24 AM
Potassium	25	1.0		mg/L	1	12/5/2012 9:33:24 AM
Sodium	560	10		mg/L	10	12/5/2012 9:37:25 AM
<b>EPA 120.1: SPECIFIC CONDUCTANCE</b>						Analyst: <b>JML</b>
Conductivity	4800	0.010		µmhos/cm	1	12/3/2012 3:47:25 PM
<b>SM4500-H+B: PH</b>						Analyst: <b>JML</b>
pH	8.04	1.68	H	pH units	1	12/3/2012 3:47:25 PM

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH greater than 2
- RL Reporting Detection Limit

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits

# Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1212026

Date Reported: 12/7/2012

**CLIENT:** Western Refining Southwest, Gallup

**Client Sample ID:** MPPE

**Project:** MPPE

**Collection Date:** 11/30/2012 8:00:00 AM

**Lab ID:** 1212026-002

**Matrix:** AQUEOUS

**Received Date:** 12/3/2012 1:20:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 8015B: DIESEL RANGE</b>						Analyst: <b>JMP</b>
Diesel Range Organics (DRO)	8.7	1.0		mg/L	1	12/3/2012 10:10:15 PM
Surr: DNOP	113	79.5-166		%REC	1	12/3/2012 10:10:15 PM
<b>EPA METHOD 8021B: VOLATILES</b>						Analyst: <b>NSB</b>
Methyl tert-butyl ether (MTBE)	ND	50		µg/L	20	12/4/2012 4:33:27 PM
Benzene	1200	20		µg/L	20	12/4/2012 4:33:27 PM
Toluene	49	20		µg/L	20	12/4/2012 4:33:27 PM
Ethylbenzene	ND	20		µg/L	20	12/4/2012 4:33:27 PM
Xylenes, Total	ND	40		µg/L	20	12/4/2012 4:33:27 PM
Surr: 4-Bromofluorobenzene	99.4	69.7-152		%REC	20	12/4/2012 4:33:27 PM
<b>EPA METHOD 300.0: ANIONS</b>						Analyst: <b>JRR</b>
Fluoride	270	10	*	mg/L	100	12/5/2012 6:27:15 PM
Chloride	410	50		mg/L	100	12/3/2012 10:51:17 PM
Bromide	1.0	1.0		mg/L	10	12/3/2012 10:38:52 PM
Phosphorus, Orthophosphate (As P)	ND	5.0	H	mg/L	10	12/3/2012 10:38:52 PM
Sulfate	740	50		mg/L	100	12/3/2012 10:51:17 PM
Nitrate+Nitrite as N	ND	2.0		mg/L	10	12/3/2012 11:03:41 PM
<b>EPA METHOD 200.7: TOTAL METALS</b>						Analyst: <b>ELS</b>
Calcium	7.9	1.0		mg/L	1	12/5/2012 9:41:12 AM
Magnesium	9.2	1.0		mg/L	1	12/5/2012 9:41:12 AM
Potassium	71	1.0		mg/L	1	12/5/2012 9:41:12 AM
Sodium	920	10		mg/L	10	12/5/2012 9:44:40 AM
<b>EPA 120.1: SPECIFIC CONDUCTANCE</b>						Analyst: <b>JML</b>
Conductivity	6100	0.010		µmhos/cm	1	12/3/2012 3:51:41 PM
<b>SM4500-H+B: PH</b>						Analyst: <b>JML</b>
pH	8.06	1.68	H	pH units	1	12/3/2012 3:51:41 PM

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH greater than 2
- RL Reporting Detection Limit

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 1212026

07-Dec-12

**Client:** Western Refining Southwest, Gallup

**Project:** MPPE

Sample ID <b>MB</b>	SampType: <b>MBLK</b>		TestCode: <b>EPA Method 300.0: Anions</b>							
Client ID: <b>PBW</b>	Batch ID: <b>R7262</b>		RunNo: <b>7262</b>							
Prep Date:	Analysis Date: <b>12/3/2012</b>		SeqNo: <b>210492</b>		Units: <b>mg/L</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	0.50								
Bromide	ND	0.10								
Phosphorus, Orthophosphate (As P)	ND	0.50								
Sulfate	ND	0.50								
Nitrate+Nitrite as N	ND	0.20								

Sample ID <b>LCS</b>	SampType: <b>LCS</b>		TestCode: <b>EPA Method 300.0: Anions</b>							
Client ID: <b>LCSW</b>	Batch ID: <b>R7262</b>		RunNo: <b>7262</b>							
Prep Date:	Analysis Date: <b>12/3/2012</b>		SeqNo: <b>210493</b>		Units: <b>mg/L</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	4.9	0.50	5.000	0	98.5	90	110			
Bromide	2.5	0.10	2.500	0	98.9	90	110			
Phosphorus, Orthophosphate (As P)	5.1	0.50	5.000	0	101	90	110			
Sulfate	9.8	0.50	10.00	0	98.1	90	110			
Nitrate+Nitrite as N	3.5	0.20	3.500	0	100	90	110			

Sample ID <b>MB</b>	SampType: <b>MBLK</b>		TestCode: <b>EPA Method 300.0: Anions</b>							
Client ID: <b>PBW</b>	Batch ID: <b>R7294</b>		RunNo: <b>7294</b>							
Prep Date:	Analysis Date: <b>12/4/2012</b>		SeqNo: <b>211539</b>		Units: <b>mg/L</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Fluoride	ND	0.10								

Sample ID <b>LCS</b>	SampType: <b>LCS</b>		TestCode: <b>EPA Method 300.0: Anions</b>							
Client ID: <b>LCSW</b>	Batch ID: <b>R7294</b>		RunNo: <b>7294</b>							
Prep Date:	Analysis Date: <b>12/4/2012</b>		SeqNo: <b>211540</b>		Units: <b>mg/L</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Fluoride	0.46	0.10	0.5000	0	92.5	90	110			

Sample ID <b>MB</b>	SampType: <b>MBLK</b>		TestCode: <b>EPA Method 300.0: Anions</b>							
Client ID: <b>PBW</b>	Batch ID: <b>R7316</b>		RunNo: <b>7316</b>							
Prep Date:	Analysis Date: <b>12/5/2012</b>		SeqNo: <b>212175</b>		Units: <b>mg/L</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Fluoride	ND	0.10								

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH greater than 2
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 1212026

07-Dec-12

**Client:** Western Refining Southwest, Gallup

**Project:** MPPE

Sample ID <b>LCS</b>	SampType: <b>LCS</b>		TestCode: <b>EPA Method 300.0: Anions</b>							
Client ID: <b>LCSW</b>	Batch ID: <b>R7316</b>		RunNo: <b>7316</b>							
Prep Date:	Analysis Date: <b>12/5/2012</b>		SeqNo: <b>212176</b>		Units: <b>mg/L</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Fluoride	0.48	0.10	0.5000	0	96.8	90	110			

Sample ID <b>MB</b>	SampType: <b>MBLK</b>		TestCode: <b>EPA Method 300.0: Anions</b>							
Client ID: <b>PBW</b>	Batch ID: <b>R7316</b>		RunNo: <b>7316</b>							
Prep Date:	Analysis Date: <b>12/5/2012</b>		SeqNo: <b>212240</b>		Units: <b>mg/L</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Fluoride	ND	0.10								

Sample ID <b>LCS</b>	SampType: <b>LCS</b>		TestCode: <b>EPA Method 300.0: Anions</b>							
Client ID: <b>LCSW</b>	Batch ID: <b>R7316</b>		RunNo: <b>7316</b>							
Prep Date:	Analysis Date: <b>12/5/2012</b>		SeqNo: <b>212241</b>		Units: <b>mg/L</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Fluoride	0.49	0.10	0.5000	0	98.8	90	110			

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH greater than 2
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 1212026

07-Dec-12

**Client:** Western Refining Southwest, Gallup

**Project:** MPPE

Sample ID	<b>LCS-5075</b>	SampType:	<b>LCS</b>	TestCode:	<b>EPA Method 8015B: Diesel Range</b>					
Client ID:	<b>LCSW</b>	Batch ID:	<b>5075</b>	RunNo:	<b>7240</b>					
Prep Date:	<b>12/3/2012</b>	Analysis Date:	<b>12/3/2012</b>	SeqNo:	<b>210202</b>	Units:	<b>mg/L</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	4.4	1.0	5.000	0	88.5	74	157			
Surr: DNOP	0.47		0.5000		94.0	79.5	166			

Sample ID	<b>MB-5075</b>	SampType:	<b>MBLK</b>	TestCode:	<b>EPA Method 8015B: Diesel Range</b>					
Client ID:	<b>PBW</b>	Batch ID:	<b>5075</b>	RunNo:	<b>7240</b>					
Prep Date:	<b>12/3/2012</b>	Analysis Date:	<b>12/3/2012</b>	SeqNo:	<b>210370</b>	Units:	<b>mg/L</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	1.0								
Surr: DNOP	1.0		1.000		103	79.5	166			

Sample ID	<b>LCSD-5075</b>	SampType:	<b>LCSD</b>	TestCode:	<b>EPA Method 8015B: Diesel Range</b>					
Client ID:	<b>LCSS02</b>	Batch ID:	<b>5075</b>	RunNo:	<b>7240</b>					
Prep Date:	<b>12/3/2012</b>	Analysis Date:	<b>12/3/2012</b>	SeqNo:	<b>210371</b>	Units:	<b>mg/L</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	4.2	1.0	5.000	0	83.9	74	157	5.34	23	
Surr: DNOP	0.48		0.5000		95.0	79.5	166	0	0	

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH greater than 2
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits



# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 1212026

07-Dec-12

**Client:** Western Refining Southwest, Gallup

**Project:** MPPE

Sample ID: <b>5ML RB</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8021B: Volatiles</b>								
Client ID: <b>PBW</b>	Batch ID: <b>R7289</b>	RunNo: <b>7289</b>								
Prep Date:	Analysis Date: <b>12/4/2012</b>	SeqNo: <b>211424</b>	Units: <b>µg/L</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Methyl tert-butyl ether (MTBE)	ND	2.5								
Benzene	ND	1.0								
Toluene	ND	1.0								
Ethylbenzene	ND	1.0								
Xylenes, Total	ND	2.0								
Surr: 4-Bromofluorobenzene	19		20.00		94.6	69.7	152			

Sample ID: <b>100NG BTEX LCS</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 8021B: Volatiles</b>								
Client ID: <b>LCSW</b>	Batch ID: <b>R7289</b>	RunNo: <b>7289</b>								
Prep Date:	Analysis Date: <b>12/4/2012</b>	SeqNo: <b>211425</b>	Units: <b>µg/L</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Methyl tert-butyl ether (MTBE)	21	2.5	20.00	0	106	66.9	136			
Benzene	20	1.0	20.00	0	102	80	120			
Toluene	20	1.0	20.00	0	102	80	120			
Ethylbenzene	21	1.0	20.00	0	103	80	120			
Xylenes, Total	64	2.0	60.00	0	106	80	120			
Surr: 4-Bromofluorobenzene	20		20.00		100	69.7	152			

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH greater than 2
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 1212026

07-Dec-12

**Client:** Western Refining Southwest, Gallup**Project:** MPPE

Sample ID	1212026-002c dup	SampType:	DUP	TestCode:	SM4500-H+B: pH					
Client ID:	MPPE	Batch ID:	R7244	RunNo:	7244					
Prep Date:		Analysis Date:	12/3/2012	SeqNo:	210083	Units:	pH units			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
pH	8.05	1.68								H

**Qualifiers:**

\* Value exceeds Maximum Contaminant Level.

E Value above quantitation range

J Analyte detected below quantitation limits

P Sample pH greater than 2

B Analyte detected in the associated Method Blank

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

R RPD outside accepted recovery limits

**Sample Log-In Check List**

Client Name: **Western Refining Gallup** Work Order Number: **1212026**

Received by/date: *AT* **12/03/12**

Logged By: **Lindsay Mangin** 12/3/2012 1:20:00 PM *[Signature]*

Completed By: **Lindsay Mangin** 12/3/2012 2:25:41 PM *[Signature]*

Reviewed By: *mg* **12/03/12**

**Chain of Custody**

- 1. Were seals intact? Yes  No  Not Present
- 2. Is Chain of Custody complete? Yes  No  Not Present
- 3. How was the sample delivered? Client

**Log In**

- 4. Coolers are present? (see 19. for cooler specific information) Yes  No  NA
- 5. Was an attempt made to cool the samples? Yes  No  NA
- 6. Were all samples received at a temperature of >0° C to 6.0°C Yes  No  NA
- 7. Sample(s) in proper container(s)? Yes  No
- 8. Sufficient sample volume for indicated test(s)? Yes  No
- 9. Are samples (except VOA and ONG) properly preserved? Yes  No
- 10. Was preservative added to bottles? Yes  No  NA
- 11. VOA vials have zero headspace? *-CO15, -CO25 - ADDED 1 mL HNO3 FOR ACCEPTABLE PH - 12/03/12* Yes  No  No VOA Vials
- 12. Were any sample containers received broken? Yes  No
- 13. Does paperwork match bottle labels? (Note discrepancies on chain of custody) Yes  No
- 14. Are matrices correctly identified on Chain of Custody? Yes  No
- 15. Is it clear what analyses were requested? Yes  No
- 16. Were all holding times able to be met? (If no, notify customer for authorization.) Yes  No

# of preserved bottles checked for pH: *2* (2 or >12 unless noted)  
 Adjusted? *YES*  
 Checked by: *[Signature]*

**Special Handling (if applicable)**

- 17. Was client notified of all discrepancies with this order? Yes  No  NA

Person Notified: \_\_\_\_\_ Date: \_\_\_\_\_  
 By Whom: \_\_\_\_\_ Via:  eMail  Phone  Fax  In Person  
 Regarding: \_\_\_\_\_  
 Client Instructions: \_\_\_\_\_

18. Additional remarks:

**19. Cooler Information**

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	2.2	Good	Not Present			

