

September 17, 2014

Todd Aseltyne  
Trihydro Corporation  
1252 Commerce Drive  
Laramie, WY 82070  
TEL: (513) 429-7470  
FAX:



**RE:** Dissolved-Phase Investigation

**WorkOrder:** 14090740

Dear Todd Aseltyne:

TEKLAB, INC received 3 samples on 9/12/2014 2:52:00 PM for the analysis presented in the following report.

Samples are analyzed on an as received basis unless otherwise requested and documented. The sample results contained in this report relate only to the requested analytes of interest as directed on the chain of custody. NELAP accredited fields of testing are indicated by the letters NELAP under the Certification column. Unless otherwise documented within this report, Teklab Inc. analyzes samples utilizing the most current methods in compliance with 40CFR. All tests are performed in the Collinsville, IL laboratory unless otherwise noted in the Case Narrative.

All quality control criteria applicable to the test methods employed for this project have been satisfactorily met and are in accordance with NELAP except where noted. The following report shall not be reproduced, except in full, without the written approval of Teklab, Inc.

If you have any questions regarding these tests results, please feel free to call.

Sincerely,



Marvin L. Darling  
Project Manager  
(618)344-1004 ex 41  
[mdarling@teklabinc.com](mailto:mdarling@teklabinc.com)



## Report Contents

<http://www.teklabinc.com/>

---

**Client:** Trihydro Corporation

**Work Order:** 14090740

**Client Project:** Dissolved-Phase Investigation

**Report Date:** 17-Sep-14

---

**This reporting package includes the following:**

Cover Letter	1
Report Contents	2
Definitions	3
Case Narrative	4
Laboratory Results	5
Sample Summary	8
Dates Report	9
Quality Control Results	10
Receiving Check List	13
Chain of Custody	Appended

**Client:** Trihydro Corporation

**Work Order:** 14090740

**Client Project:** Dissolved-Phase Investigation

**Report Date:** 17-Sep-14

### Abbr Definition

- CCV Continuing calibration verification is a check of a standard to determine the state of calibration of an instrument between recalibration.
- DF Dilution factor is the dilution performed during analysis only and does not take into account any dilutions made during sample preparation. The reported result is final and includes all dilutions factors.
- DNI Did not ignite
- DUP Laboratory duplicate is an aliquot of a sample taken from the same container under laboratory conditions for independent processing and analysis independently of the original aliquot.
- ICV Initial calibration verification is a check of a standard to determine the state of calibration of an instrument before sample analysis is initiated.
- IDPH IL Dept. of Public Health
- LCS Laboratory control sample, spiked with verified known amounts of analytes, is analyzed exactly like a sample to establish intra-laboratory or analyst specific precision and bias or to assess the performance of all or a portion of the measurement system. The acceptable recovery range is in the QC Package (provided upon request).
- LCSD Laboratory control sample duplicate is a replicate laboratory control sample that is prepared and analyzed in order to determine the precision of the approved test method. The acceptable recovery range is listed in the QC Package (provided upon request).
- MB Method blank is a sample of a matrix similar to the batch of associated sample (when available) that is free from the analytes of interest and is processed simultaneously with and under the same conditions as samples through all steps of the analytical procedures, and in which no target analytes or interferences should present at concentrations that impact the analytical results for sample analyses.
- MDL Method detection limit means the minimum concentration of a substance that can be measured and reported with 99% confidence that the analyte concentration is greater than zero and is determined from analysis of a sample in a given matrix type containing the analyte.
- MS Matrix spike is an aliquot of matrix fortified (spiked) with known quantities of specific analytes that is subjected to the entire analytical procedures in order to determine the effect of the matrix on an approved test method's recovery system. The acceptable recovery range is listed in the QC Package (provided upon request).
- MSD Matrix spike duplicate means a replicate matrix spike that is prepared and analyzed in order to determine the precision of the approved test method. The acceptable recovery range is listed in the QC Package (provided upon request).
- MW Molecular weight
- ND Not Detected at the Reporting Limit
- NELAP NELAP Accredited
- PQL Practical quantitation limit means the lowest level that can be reliably achieved within specified limits of precision and accuracy during routine laboratory operation conditions. The acceptable recovery range is listed in the QC Package (provided upon request).
- RL The reporting limit the lowest level that the data is displayed in the final report. The reporting limit may vary according to customer request or sample dilution. The reporting limit may not be less than the MDL.
- RPD Relative percent difference is a calculated difference between two recoveries (ie. MS/MSD). The acceptable recovery limit is listed in the QC Package (provided upon request).
- SPK The spike is a known mass of target analyte added to a blank sample or sub-sample; used to determine recovery deficiency or for other quality control purposes.
- Surr Surrogates are compounds which are similar to the analytes of interest in chemical composition and behavior in the analytical process, but which are not normally found in environmental samples.
- TNTC Too numerous to count ( > 200 CFU )

### Qualifiers

- |                                                        |                                                 |
|--------------------------------------------------------|-------------------------------------------------|
| # - Unknown hydrocarbon                                | B - Analyte detected in associated Method Blank |
| E - Value above quantitation range                     | H - Holding times exceeded                      |
| M - Manual Integration used to determine area response | ND - Not Detected at the Reporting Limit        |
| R - RPD outside accepted recovery limits               | S - Spike Recovery outside recovery limits      |
| X - Value exceeds Maximum Contaminant Level            |                                                 |



## Case Narrative

<http://www.teklabinc.com/>

**Client:** Trihydro Corporation

**Work Order:** 14090740

**Client Project:** Dissolved-Phase Investigation

**Report Date:** 17-Sep-14

**Cooler Receipt Temp:** 3.6 °C

### Locations and Accreditations

	<u>Collinsville</u>	<u>Springfield</u>	<u>Kansas City</u>	<u>Collinsville Air</u>
<b>Address</b>	5445 Horseshoe Lake Road Collinsville, IL 62234-7425	3920 Pintail Dr Springfield, IL 62711-9415	8421 Nieman Road Lenexa, KS 66214	5445 Horseshoe Lake Road Collinsville, IL 62234-7425
<b>Phone</b>	(618) 344-1004	(217) 698-1004	(913) 541-1998	(618) 344-1004
<b>Fax</b>	(618) 344-1005	(217) 698-1005	(913) 541-1998	(618) 344-1005
<b>Email</b>	jhriley@teklabinc.com	KKlostermann@teklabinc.com	dthompson@teklabinc.com	EHurley@teklabinc.com

<u>State</u>	<u>Dept</u>	<u>Cert #</u>	<u>NELAP</u>	<u>Exp Date</u>	<u>Lab</u>
Illinois	IEPA	100226	NELAP	1/31/2015	Collinsville
Kansas	KDHE	E-10374	NELAP	4/30/2015	Collinsville
Louisiana	LDEQ	166493	NELAP	6/30/2015	Collinsville
Louisiana	LDEQ	166578	NELAP	6/30/2015	Collinsville
Texas	TCEQ	T104704515-12-1	NELAP	7/31/2015	Collinsville
Arkansas	ADEQ	88-0966		3/14/2015	Collinsville
Illinois	IDPH	17584		5/31/2015	Collinsville
Kentucky	KDEP	98006		12/31/2014	Collinsville
Kentucky	UST	0073		1/31/2015	Collinsville
Missouri	MDNR	00930		5/31/2015	Collinsville
Oklahoma	ODEQ	9978		8/31/2015	Collinsville



## Laboratory Results

<http://www.teklabinc.com/>

**Client:** Trihydro Corporation

**Work Order:** 14090740

**Client Project:** Dissolved-Phase Investigation

**Report Date:** 17-Sep-14

**Lab ID:** 14090740-001

**Client Sample ID:** MP-085A 091114

**Matrix:** AQUEOUS

**Collection Date:** 09/11/2014 9:44

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 3005A, 6010B, METALS BY ICP (DISSOLVED)</b>								
Lead	NELAP	0.0069		< 0.0069	mg/L	1	09/15/2014 16:55	102112
<b>SW-846 3005A, 6020A, METALS BY ICPMS (DISSOLVED)</b>								
Arsenic	NELAP	0.001		0.0628	mg/L	5	09/15/2014 15:15	102113
<b>SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Benzene	NELAP	2		ND	µg/L	1	09/15/2014 19:41	102164
Chlorobenzene	NELAP	1		ND	µg/L	1	09/15/2014 19:41	102164
Ethylbenzene	NELAP	1		ND	µg/L	1	09/15/2014 19:41	102164
Methyl tert-butyl ether	NELAP	2		ND	µg/L	1	09/15/2014 19:41	102164
Toluene	NELAP	1		ND	µg/L	1	09/15/2014 19:41	102164
Xylenes, Total	NELAP	1		ND	µg/L	1	09/15/2014 19:41	102164
Surr: 1,2-Dichloroethane-d4		74.7-129		93.2	%REC	1	09/15/2014 19:41	102164
Surr: 4-Bromofluorobenzene		86-119		96.6	%REC	1	09/15/2014 19:41	102164
Surr: Dibromofluoromethane		81.7-123		98.7	%REC	1	09/15/2014 19:41	102164
Surr: Toluene-d8		84.3-114		98.9	%REC	1	09/15/2014 19:41	102164



## Laboratory Results

<http://www.teklabinc.com/>

**Client:** Trihydro Corporation

**Work Order:** 14090740

**Client Project:** Dissolved-Phase Investigation

**Report Date:** 17-Sep-14

**Lab ID:** 14090740-002

**Client Sample ID:** HMW-052B-091114

**Matrix:** AQUEOUS

**Collection Date:** 09/11/2014 10:45

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 3005A, 6010B, METALS BY ICP (DISSOLVED)</b>								
Lead	NELAP	0.0069		< 0.0069	mg/L	1	09/15/2014 17:06	102112
<b>SW-846 3005A, 6020A, METALS BY ICPMS (DISSOLVED)</b>								
Arsenic	NELAP	0.001		< 0.001	mg/L	5	09/15/2014 15:21	102113
<b>SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Benzene	NELAP	2		ND	µg/L	1	09/15/2014 20:08	102164
Chlorobenzene	NELAP	1		ND	µg/L	1	09/15/2014 20:08	102164
Ethylbenzene	NELAP	1		ND	µg/L	1	09/15/2014 20:08	102164
Methyl tert-butyl ether	NELAP	2		ND	µg/L	1	09/15/2014 20:08	102164
Toluene	NELAP	1		ND	µg/L	1	09/15/2014 20:08	102164
Xylenes, Total	NELAP	1		ND	µg/L	1	09/15/2014 20:08	102164
Surr: 1,2-Dichloroethane-d4		74.7-129		93.7	%REC	1	09/15/2014 20:08	102164
Surr: 4-Bromofluorobenzene		86-119		97.4	%REC	1	09/15/2014 20:08	102164
Surr: Dibromofluoromethane		81.7-123		99.2	%REC	1	09/15/2014 20:08	102164
Surr: Toluene-d8		84.3-114		97.2	%REC	1	09/15/2014 20:08	102164



## Laboratory Results

<http://www.teklabinc.com/>

**Client:** Trihydro Corporation

**Work Order:** 14090740

**Client Project:** Dissolved-Phase Investigation

**Report Date:** 17-Sep-14

**Lab ID:** 14090740-003

**Client Sample ID:** MP-056A 091114

**Matrix:** AQUEOUS

**Collection Date:** 09/11/2014 13:40

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 3005A, 6010B, METALS BY ICP (DISSOLVED)</b>								
Lead	NELAP	0.0069		< 0.0069	mg/L	1	09/15/2014 17:09	102112
<b>SW-846 3005A, 6020A, METALS BY ICPMS (DISSOLVED)</b>								
Arsenic	NELAP	0.001		< 0.001	mg/L	5	09/15/2014 15:26	102113
<b>SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Benzene	NELAP	2		ND	µg/L	1	09/15/2014 20:34	102164
Chlorobenzene	NELAP	1		ND	µg/L	1	09/15/2014 20:34	102164
Ethylbenzene	NELAP	1		ND	µg/L	1	09/15/2014 20:34	102164
Methyl tert-butyl ether	NELAP	2		ND	µg/L	1	09/15/2014 20:34	102164
Toluene	NELAP	1		ND	µg/L	1	09/15/2014 20:34	102164
Xylenes, Total	NELAP	1		ND	µg/L	1	09/15/2014 20:34	102164
Surr: 1,2-Dichloroethane-d4		74.7-129		94.2	%REC	1	09/15/2014 20:34	102164
Surr: 4-Bromofluorobenzene		86-119		97	%REC	1	09/15/2014 20:34	102164
Surr: Dibromofluoromethane		81.7-123		98.9	%REC	1	09/15/2014 20:34	102164
Surr: Toluene-d8		84.3-114		97.2	%REC	1	09/15/2014 20:34	102164



## Sample Summary

<http://www.teklabinc.com/>

**Client:** Trihydro Corporation

**Work Order:** 14090740

**Client Project:** Dissolved-Phase Investigation

**Report Date:** 17-Sep-14

---

Lab Sample ID	Client Sample ID	Matrix	Fractions	Collection Date
14090740-001	MP-085A 091114	Aqueous	2	09/11/2014 9:44
14090740-002	HMW-052B-091114	Aqueous	2	09/11/2014 10:45
14090740-003	MP-056A 091114	Aqueous	2	09/11/2014 13:40



## Dates Report

<http://www.teklabinc.com/>

**Client:** Trihydro Corporation

**Work Order:** 14090740

**Client Project:** Dissolved-Phase Investigation

**Report Date:** 17-Sep-14

Sample ID	Client Sample ID	Collection Date	Received Date	Prep Date/Time	Analysis Date/Time
	Test Name				
14090740-001A	MP-085A 091114	09/11/2014 9:44	09/12/2014 14:52		
	SW-846 3005A, 6010B, Metals by ICP (Dissolved)			09/13/2014 16:20	09/15/2014 16:55
	SW-846 3005A, 6020A, Metals by ICPMS (Dissolved)			09/13/2014 16:24	09/15/2014 15:15
14090740-001B	MP-085A 091114	09/11/2014 9:44	09/12/2014 14:52		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				09/15/2014 19:41
14090740-002A	HMW-052B-091114	09/11/2014 10:45	09/12/2014 14:52		
	SW-846 3005A, 6010B, Metals by ICP (Dissolved)			09/13/2014 16:20	09/15/2014 17:06
	SW-846 3005A, 6020A, Metals by ICPMS (Dissolved)			09/13/2014 16:24	09/15/2014 15:21
14090740-002B	HMW-052B-091114	09/11/2014 10:45	09/12/2014 14:52		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				09/15/2014 20:08
14090740-003A	MP-056A 091114	09/11/2014 13:40	09/12/2014 14:52		
	SW-846 3005A, 6010B, Metals by ICP (Dissolved)			09/13/2014 16:20	09/15/2014 17:09
	SW-846 3005A, 6020A, Metals by ICPMS (Dissolved)			09/13/2014 16:24	09/15/2014 15:26
14090740-003B	MP-056A 091114	09/11/2014 13:40	09/12/2014 14:52		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				09/15/2014 20:34



## Quality Control Results

<http://www.teklabinc.com/>

**Client:** Trihydro Corporation

**Work Order:** 14090740

**Client Project:** Dissolved-Phase Investigation

**Report Date:** 17-Sep-14

### SW-846 3005A, 6010B, METALS BY ICP (DISSOLVED)

Batch 102112		SampType: MBLK		Units mg/L						Date Analyzed
SampID: MBLK-102112										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Lead	0.015		< 0.015	0.04	0	0	-100	100	09/15/2014	

Batch 102112		SampType: LCS		Units mg/L						Date Analyzed
SampID: LCS-102112										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Lead	0.015		0.461	0.5	0	92.2	85	115	09/15/2014	

Batch 102112		SampType: MS		Units mg/L						Date Analyzed
SampID: 14090740-001AMS										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Lead	0.015		0.454	0.5	0	90.7	75	125	09/15/2014	

Batch 102112		SampType: MSD		Units mg/L				RPD Limit 20		Date Analyzed
SampID: 14090740-001AMSD										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Lead	0.015		0.446	0.5	0	89.2	0.4537	1.69	09/15/2014	

### SW-846 3005A, 6020A, METALS BY ICPMS (DISSOLVED)

Batch 102113		SampType: MBLK		Units mg/L						Date Analyzed
SampID: MBLK-102113										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Arsenic	0.001		< 0.001	0.001	0	0	-100	100	09/15/2014	

Batch 102113		SampType: LCS		Units mg/L						Date Analyzed
SampID: LCS-102113										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Arsenic	0.001		1.81	2	0	90.3	80	120	09/15/2014	

Batch 102113		SampType: MS		Units mg/L						Date Analyzed
SampID: 14090740-001AMS										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Arsenic	0.001		1.96	2	0.0628	94.8	75	125	09/15/2014	

Batch 102113		SampType: MSD		Units mg/L				RPD Limit 20		Date Analyzed
SampID: 14090740-001AMSD										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Arsenic	0.001		1.98	2	0.0628	96.1	1.96	1.26	09/15/2014	

**Client:** Trihydro Corporation

**Work Order:** 14090740

**Client Project:** Dissolved-Phase Investigation

**Report Date:** 17-Sep-14

**SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS**

<b>Batch 102164</b>		<b>SampType: MBLK</b>		Units µg/L						Date
SampID: MBLK-N140915-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Benzene	2		ND						09/15/2014	
Chlorobenzene	5		ND						09/15/2014	
Ethylbenzene	5		ND						09/15/2014	
Methyl tert-butyl ether	2		ND						09/15/2014	
Toluene	5		ND						09/15/2014	
Xylenes, Total	5		ND						09/15/2014	
Surr: 1,2-Dichloroethane-d4			45.2	50		90.4	74.7	129	09/15/2014	
Surr: 4-Bromofluorobenzene			47.8	50		95.6	86	119	09/15/2014	
Surr: Dibromofluoromethane			49.6	50		99.3	81.7	123	09/15/2014	
Surr: Toluene-d8			47.8	50		95.6	84.3	114	09/15/2014	

<b>Batch 102164</b>		<b>SampType: LCSD</b>		Units µg/L				RPD Limit 40		Date
SampID: LCSD-N140915-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Benzene	2		46	50	0	92	47.04	2.21	09/15/2014	
Chlorobenzene	5		47.4	50	0	94.8	47.89	1.03	09/15/2014	
Ethylbenzene	5		45.8	50	0	91.6	46.26	1.00	09/15/2014	
Methyl tert-butyl ether	2		51.3	50	0	102.6	51.68	0.70	09/15/2014	
Toluene	5		44.7	50	0	89.5	45.28	1.20	09/15/2014	
Xylenes, Total	5		137	150	0	91.1	138.2	1.17	09/15/2014	
Surr: 1,2-Dichloroethane-d4			43.8	50		87.7			09/15/2014	
Surr: 4-Bromofluorobenzene			46.9	50		93.8			09/15/2014	
Surr: Dibromofluoromethane			49.6	50		99.2			09/15/2014	
Surr: Toluene-d8			47.9	50		95.8			09/15/2014	

<b>Batch 102164</b>		<b>SampType: LCS</b>		Units µg/L						Date
SampID: LCS-N140915-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Benzene	2		47	50	0	94.1	80	114	09/15/2014	
Chlorobenzene	5		47.9	50	0	95.8	81.4	110	09/15/2014	
Ethylbenzene	5		46.3	50	0	92.5	77.2	113	09/15/2014	
Methyl tert-butyl ether	2		51.7	50	0	103.4	76.8	117	09/15/2014	
Toluene	5		45.3	50	0	90.6	77.5	113	09/15/2014	
Xylenes, Total	5		138	150	0	92.1	79.6	113	09/15/2014	
Surr: 1,2-Dichloroethane-d4			44.6	50		89.3	74.7	129	09/15/2014	
Surr: 4-Bromofluorobenzene			46.4	50		92.8	86	119	09/15/2014	
Surr: Dibromofluoromethane			49.3	50		98.6	81.7	123	09/15/2014	
Surr: Toluene-d8			48.2	50		96.3	84.1	114	09/15/2014	

**Client:** Trihydro Corporation

**Work Order:** 14090740

**Client Project:** Dissolved-Phase Investigation

**Report Date:** 17-Sep-14

**SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS**

Batch 102164		SampType: LCSGD		Units %REC				RPD Limit 0		Date Analyzed
SampID: LCSGD-N140915-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Surr: 1,2-Dichloroethane-d4			44.8	50		89.5			09/15/2014	
Surr: 4-Bromofluorobenzene			47.6	50		95.3			09/15/2014	
Surr: Dibromofluoromethane			49	50		98			09/15/2014	
Surr: Toluene-d8			48.4	50		96.8			09/15/2014	

Batch 102164		SampType: LCSG		Units %REC				RPD Limit 0		Date Analyzed
SampID: LCSG-N140915-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Surr: 1,2-Dichloroethane-d4			44.4	50		88.8	74.7	129	09/15/2014	
Surr: 4-Bromofluorobenzene			48	50		95.9	86	119	09/15/2014	
Surr: Dibromofluoromethane			48.8	50		97.6	81.7	123	09/15/2014	
Surr: Toluene-d8			48.3	50		96.7	84.3	114	09/15/2014	

Batch 102164		SampType: MS		Units µg/L				RPD Limit 20		Date Analyzed
SampID: 14090740-003BMS										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Benzene	2		38.5	43	0	89.6	62.5	121	09/15/2014	
Chlorobenzene	5		40.4	43	0	94.1	78.6	114	09/15/2014	
Ethylbenzene	5		40.8	43	0	95	74.4	130	09/15/2014	
Toluene	5		38	43	0	88.4	69.5	118	09/15/2014	
Xylenes, Total	5		82.3	86	0	95.7	71.1	125	09/15/2014	
Surr: 1,2-Dichloroethane-d4			46.8	50		93.5	74.7	129	09/15/2014	
Surr: 4-Bromofluorobenzene			48.9	50		97.7	86	119	09/15/2014	
Surr: Dibromofluoromethane			49	50		97.9	81.7	123	09/15/2014	
Surr: Toluene-d8			49.2	50		98.5	84.3	114	09/15/2014	

Batch 102164		SampType: MSD		Units µg/L				RPD Limit 20		Date Analyzed
SampID: 14090740-003BMSD										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Benzene	2		38.9	43	0	90.5	38.54	0.93	09/15/2014	
Chlorobenzene	5		40.6	43	0	94.5	40.45	0.49	09/15/2014	
Ethylbenzene	5		40.9	43	0	95.2	40.83	0.27	09/15/2014	
Toluene	5		38.7	43	0	90.1	38	1.90	09/15/2014	
Xylenes, Total	5		82.9	86	0	96.4	82.26	0.76	09/15/2014	
Surr: 1,2-Dichloroethane-d4			47.4	50		94.8			09/15/2014	
Surr: 4-Bromofluorobenzene			48.4	50		96.8			09/15/2014	
Surr: Dibromofluoromethane			49.1	50		98.1			09/15/2014	
Surr: Toluene-d8			49.2	50		98.4			09/15/2014	



# Receiving Check List

<http://www.teklabinc.com/>

Client: Trihydro Corporation

Work Order: 14090740

Client Project: Dissolved-Phase Investigation

Report Date: 17-Sep-14

Carrier: Rod Spencer

Received By: SRH

Completed by: *Emily Pohlman*  
On: 12-Sep-14  
Emily E. Pohlman

Reviewed by: *Marvin L. Darling II*  
On: 12-Sep-14  
Marvin L. Darling

Pages to follow: Chain of custody  Extra pages included

- Shipping container/cooler in good condition? Yes  No  Not Present  Temp °C **3.6**
- Type of thermal preservation? None  Ice  Blue Ice  Dry Ice
- 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
- Reported field parameters measured: Field  Lab  NA
- Container/Temp Blank temperature in compliance? Yes  No

*When thermal preservation is required, samples are compliant with a temperature between 0.1°C - 6.0°C, or when samples are received on ice the same day as collected.*

- Water – at least one vial per sample has zero headspace? Yes  No  No VOA vials
- Water - TOX containers have zero headspace? Yes  No  No TOX containers
- Water - pH acceptable upon receipt? Yes  No  NA
- NPDES/CWA TCN interferences checked/treated in the field? Yes  No  NA

**Any No responses must be detailed below or on the COC.**

Samples were filtered and preserved for the dissolved parameters upon arrival at the laboratory. EEP 9/12/14

