CITY OF MOUNTAIN VIEW

FIRE DEPARTMENT-CLASS 1 • FIRE AND ENVIRONMENTAL PROTECTION DIVISION
500 Castro Street • City Hall • 4th Floor • Mountain View, California 94041-2010
650-903-6378 • FAX 650-962-1430

July 10, 2020

DUE DATE: July 31, 2020

Liquid Waste Discharge Monitoring Program
Periodic Report of Continued Compliance (PRCC)
for Reporting Period: 1/1/2020 – 6/30/20

Dear Wastewater Discharge Permittee:

Enclosed is your Periodic Report of Continued Compliance (PRCC) for January 1, 2020 through June 30, 2020. The PRCC consists of three sets of documents: 1) a summary of your self-monitoring analysis conducted during the reporting period for wastewater discharged to the City sanitary sewer; 2) a Certification page; and 3) a summary of your wastewater discharge processes (flow diagrams) including average and maximum daily flows.

To complete the PRCC, follow these steps:

1. Review all information and make sure it is accurate. Especially review the analytical results and flow diagrams for accuracy. Update any incorrect information with a red pen. (Note: if you add any new or missing analytical results, attach a hard copy of the analysis and chain of custody form).

2. Complete the "Comments/Explanation" section ONLY if the frequency of your analytical results does not match the frequency specified on the front page. (For example, if you were required to analyze for TTO monthly, but had no analytical results for July because you did not discharge any wastewater, explain in the "Comments/Explanation" section that July analysis are missing because no wastewater discharge occurred that month). Attach your wastewater flow log and pH meter chart if requested to do so.

3. Sign and date the certification form in the space provided. If a Toxic Organic Management Plan (TOMP) is enclosed, please review and sign it also.

4. Return the wet-signed and corrected forms to the above address **no later than Friday, July 10, 2020.**

If you have any questions, please contact your wastewater inspector at the above number.

Sincerely,

Carrie Sandahl
Environmental Safety Specialist

Recycled Paper

CITY OF MOUNTAIN VIEW
FIRE AND ENVIRONMENTAL PROTECTION DIVISION
500 Castro Street • City Hall • 4th Floor • Mountain View, CA 94041-2010 • 650-903-6378

Business Name

501 Ellis Street Groundwater Extraction System

Facility ID: **925**
EPA Category:
EPA Reference:

Facility Street Address

501 Ellis Street

Periodic Report of Continued Compliance (PRCC)
From: 1/1/2020 to 6/30/2020

PERMIT REQUIREMENTS				SAMPLING ANALYSIS					
Sample Parameter	Sample Location[1]	Sample Type	Sample Frequency	Sample Date	Flow (GPD)	Analysis (mg/L)	Det. Limit (mg/L)	Local Limit (mg/L)	Violation[2]
Single Toxic Organic	A1	Grab	Quarterly						
				3/18/2020	~~3,720~~ 4,980	0.059	0.005	.75	
				6/22/2020	~~3,720~~ 5,490	0.058	0.005	.75	
Total Dissolved Solids	A1	Grab	Quarterly						
				3/18/2020	~~3,720~~ 4,980	800	10	10000	
				6/22/2020	~~3,720~~ 5,490	770	10	10000	
Total Toxic Organics	A1	Grab	Quarterly						
				3/18/2020	~~3,720~~ 4,980	0.0823	0.005	1	
				6/22/2020	~~3,720~~ 5,490	0.08836	0.005	1	

[1] Sampling Location A1 is in the northwest corner of the treatment pad.
[2] An asterisk in this column indicates a discharge violation.

CITY OF MOUNTAIN VIEW
FIRE AND ENVIRONMENTAL PROTECTION DIVISION
500 Castro Street • City Hall • 4th Floor • Mountain View, CA 94041-2010 • 650-903-6378

Business Name

501 Ellis Street Groundwater Extraction System

Facility ID: **925**
EPA Category:
EPA Reference:

Facility Street Address

501 Ellis Street

Periodic Report of Continued Compliance (PRCC)
From: 1/1/2020 to 6/30/2020

COMMENTS/EXPLANATION FOR MISSING WASTEWATER ANALYSIS:

I certify that the wastes discharged during the reporting period do not constitute hazardous waste under Chapter 6.5 of the Health and Safety Code [Sec. 25115 and 25117] and Title 22 of the California Code of Regulations [Sec. 66680-66746] at the point of discharge into the City sanitary sewer system. If I am a zero discharger, I certify that I have not discharged any categorical wastes and will not discharge them without prior notification to the City.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. [40 CFR 403.12(l)]

SIGNATURE OF RESPONSIBLE PERSON:

Matt Bacon
Name (type or print)

Signature

Project Geologist
Title

7/15/2020
Date

ATTACH THE FOLLOWING DOCUMENTATION:

- [X] Wastewater discharge flow meter readings/log for last 6 months.
- [ ] Wastewater discharge pH readings/log for last 6 months.
- [ ] Waste manifest for sumps cleaning & sludge removal within last year.
- [ ] Wastewater treatment/discharge log for Formaldehyde for last 6 months.
- [ ] Wastewater treatment/discharge log for Gluteraldehyde for last 6 months.

CITY OF MOUNTAIN VIEW
FIRE AND ENVIRONMENTAL SAFETY DIVISION
500 Castro Street • City Hall • 4th Floor • Mountain View, CA 94041-2010 • 650-903-6378

Wastewater Process Discharge

Facility ID:	925
Updated:	4/24/2018

Business Name

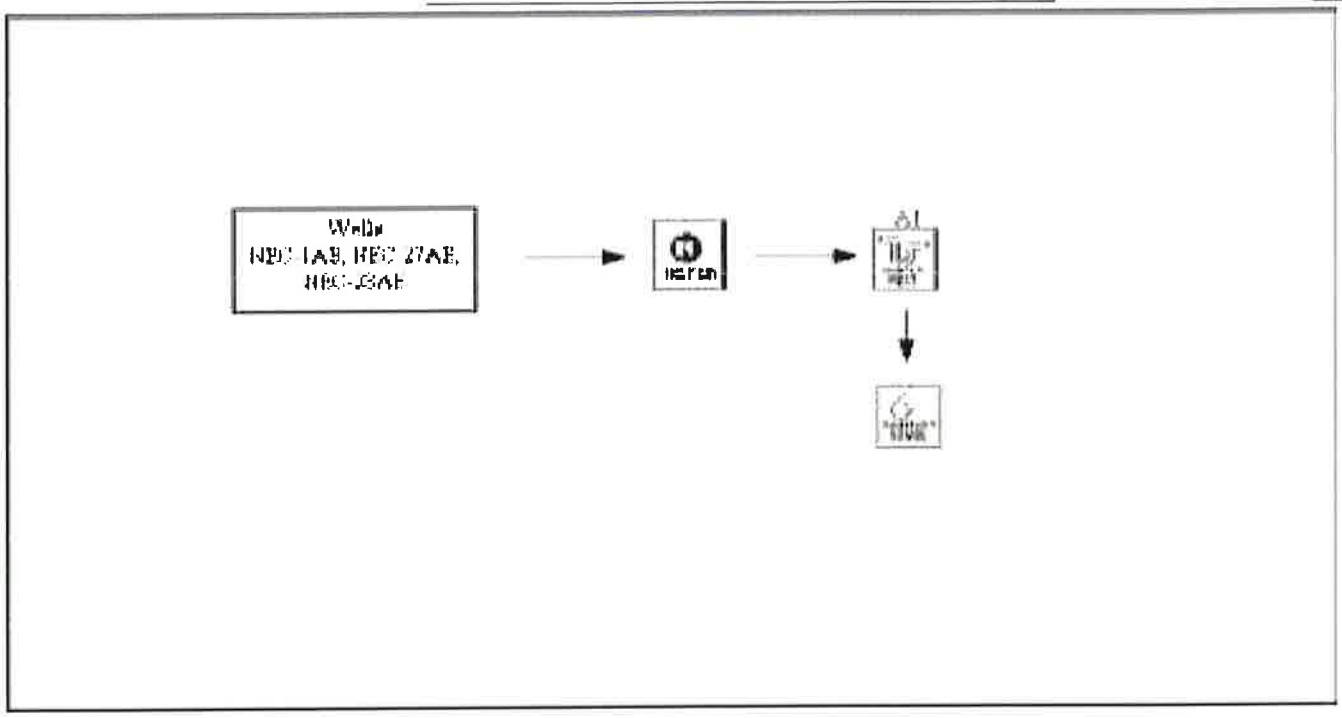
501 Ellis Street Groundwater Extraction System

Facility Street Address

501 Ellis Street

Discharge Activity Name: Groundwater Extraction Wells **Activity** 1 **of** 1

Discharge Source (Map Location): Wells NEC-1AE, NEC-27AE, NEC-28AE **RCMs Required?** No



Sanitary Sewer Discharge Data:

Average Daily Flow: 5,490 ~~7,460~~ **GPD** **Maximum Daily Flow:** 9,560 **GPD** **Sample Port:** A1

REASONABLE CONTROL MEASURES (RCMs)

This section does NOT APPLY to this wastewater process discharge.

Control of Bath Make-Up

	Select Best Bath Chemistry
	Use Standard Recipes
	Use De-Ionized Water

Extension of Bath Life

	Bath Purification
	High Purity Anodes
	Change Bath by Analysis
	Purifiable Bath Chemistry

Pretreatment of Spent Baths

	Electrowin Spent Baths, or
	Batch Treat Spent Bath

Minimization of Drag-In

	Efficient Pre-Cleaning of Parts
	Use Coated Racks
	Optimization of Prior Processes
	Use Drag-In/Drag-Out Sequence

Flow Control

	Conductivity Controller, or
	Flow Timer, or
	Contact Switch

Countercurrent Rinsing

	Separate Tank, or
	Divide Existing Tank, or
	Spray Over Existing Tank

Minimization of Drag-Out

	Static Drag-Out Tank
	Spray Rinse, or
	Squeege, or
	Air Knives
	Drain Boards
	Splash Guard
	Drip Bar, or
	Increased Dwell Time
	Recapture Drag Out

Substitutes/Comments

TABLE 2 FIRST QUARTER 2020 GROUNDWATER TREATMENT SYSTEM DISCHARGE RENESAS ELECTRONICS AMERICA, INC. 501 ELLIS STREET, MOUNTAIN VIEW, CALIFORNIA			
Date & Time	Discharge Meter Reading (gal)	Average Flowrate	
		(gal/day)	(gpm)
1/31/2020 14:10	50,132,100	5,820	4.04
2/28/2020 8:41	50,279,700	5,315	3.69
3/30/2020 10:00	50,434,200	4,975	3.45

TABLE 2 SECOND QUARTER 2020 GROUNDWATER TREATMENT SYSTEM DISCHARGE RENESAS ELECTRONICS AMERICA, INC. 501 ELLIS STREET, MOUNTAIN VIEW, CALIFORNIA			
Date & Time	**Discharge Meter Reading**	**Average Flowrate**	
	(gal)	**(gal/day)**	**(gpm)**
4/29/2020 10:50	50,606,790	5,746	3.99
5/29/2020 10:54	50,773,500	5,556	3.86
6/29/2020 10:35	50,943,570	5,488	3.81

eurofins | Environment Testing TestAmerica

ANALYTICAL REPORT

Eurofins TestAmerica, Pleasanton
1220 Quarry Lane
Pleasanton, CA 94566
Tel: (925)484-1919

Laboratory Job ID: 720-97870-1
Client Project/Site: NEC

For:
Locus Technologies
299 Fairchild Drive
Mountain View, California 94043

Attn: Nancy-Jeanne LeFevre

Authorized for release by:
3/30/2020 2:25:49 PM

Micah Smith, Project Manager II
(925)484-1919
micah.smith@testamericainc.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Table of Contents

Cover Page 1
Table of Contents 2
Definitions/Glossary 3
Case Narrative 4
Detection Summary 5
Client Sample Results 6
Surrogate Summary 8
QC Sample Results 9
QC Association Summary 11
Lab Chronicle 12
Certification Summary 13
Method Summary 14
Sample Summary 15
Chain of Custody 16
Receipt Checklists 18

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Job ID: 720-97870-1

Laboratory: Eurofins TestAmerica, Pleasanton

Narrative

Job Narrative
720-97870-1

Comments
No additional comments.

Receipt
The samples were received on 3/18/2020 3:25 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 1.6º C.

GC/MS VOA
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

General Chemistry
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

VOA Prep
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: Locus Technologies
Project/Site: NEC

Job ID: 720-97870-1

Client Sample ID: 276 NEC-EFT — Lab Sample ID: 720-97870-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	18		0.50		ug/L	1		624.1	Total/NA
trans-1,2-Dichloroethene	5.3		0.50		ug/L	1		624.1	Total/NA
Trichloroethene	59		0.50		ug/L	1		624.1	Total/NA
Total Dissolved Solids	800		10		mg/L	1		SM 2540C	Total/NA

Client Sample ID: 276 TRIP BLANK — Lab Sample ID: 720-97870-2

No Detections.

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: Locus Technologies
Project/Site: NEC

Job ID: 720-97870-1

Client Sample ID: 276 NEC-EFT

Date Collected: 03/18/20 10:10
Date Received: 03/18/20 15:25

Lab Sample ID: 720-97870-1

Matrix: Water

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		0.50		ug/L			03/22/20 22:29	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			03/22/20 22:29	1
1,1,2-Trichloroethane	ND		0.50		ug/L			03/22/20 22:29	1
1,1-Dichloroethane	ND		0.50		ug/L			03/22/20 22:29	1
1,1-Dichloroethene	ND		0.50		ug/L			03/22/20 22:29	1
1,2-Dichlorobenzene	ND		0.50		ug/L			03/22/20 22:29	1
1,2-Dichloroethane	ND		0.50		ug/L			03/22/20 22:29	1
1,2-Dichloropropane	ND		0.50		ug/L			03/22/20 22:29	1
1,3-Dichlorobenzene	ND		0.50		ug/L			03/22/20 22:29	1
1,4-Dichlorobenzene	ND		0.50		ug/L			03/22/20 22:29	1
Benzene	ND		0.50		ug/L			03/22/20 22:29	1
Bromoform	ND		1.0		ug/L			03/22/20 22:29	1
Bromomethane	ND		0.50		ug/L			03/22/20 22:29	1
Carbon tetrachloride	ND		0.50		ug/L			03/22/20 22:29	1
Chlorobenzene	ND		0.50		ug/L			03/22/20 22:29	1
Dibromochloromethane	ND		0.50		ug/L			03/22/20 22:29	1
Chloroethane	ND		1.0		ug/L			03/22/20 22:29	1
Chloroform	ND		0.50		ug/L			03/22/20 22:29	1
Chloromethane	ND		0.50		ug/L			03/22/20 22:29	1
cis-1,2-Dichloroethene	**18**		0.50		ug/L			03/22/20 22:29	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			03/22/20 22:29	1
Bromodichloromethane	ND		0.50		ug/L			03/22/20 22:29	1
Ethylbenzene	ND		0.50		ug/L			03/22/20 22:29	1
Methyl tert-butyl ether	ND		0.50		ug/L			03/22/20 22:29	1
Methylene Chloride	ND		2.0		ug/L			03/22/20 22:29	1
Tetrachloroethene	ND		0.50		ug/L			03/22/20 22:29	1
Toluene	ND		0.50		ug/L			03/22/20 22:29	1
trans-1,2-Dichloroethene	**5.3**		0.50		ug/L			03/22/20 22:29	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			03/22/20 22:29	1
Trichloroethene	**59**		0.50		ug/L			03/22/20 22:29	1
Trichlorofluoromethane	ND		0.50		ug/L			03/22/20 22:29	1
Vinyl chloride	ND		0.50		ug/L			03/22/20 22:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*111*		*60 - 140*		*03/22/20 22:29*	*1*
Dibromofluoromethane (Surr)	*103*		*60 - 140*		*03/22/20 22:29*	*1*
Toluene-d8 (Surr)	*103*		*60 - 140*		*03/22/20 22:29*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**800**		10		mg/L			03/23/20 15:30	1

Client Sample Results

Client: Locus Technologies
Project/Site: NEC

Job ID: 720-97870-1

Client Sample ID: 276 TRIP BLANK

Lab Sample ID: 720-97870-2

Date Collected: 03/18/20 00:00

Matrix: Water

Date Received: 03/18/20 15:25

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		0.50		ug/L			03/22/20 22:59	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			03/22/20 22:59	1
1,1,2-Trichloroethane	ND		0.50		ug/L			03/22/20 22:59	1
1,1-Dichloroethane	ND		0.50		ug/L			03/22/20 22:59	1
1,1-Dichloroethene	ND		0.50		ug/L			03/22/20 22:59	1
1,2-Dichlorobenzene	ND		0.50		ug/L			03/22/20 22:59	1
1,2-Dichloroethane	ND		0.50		ug/L			03/22/20 22:59	1
1,2-Dichloropropane	ND		0.50		ug/L			03/22/20 22:59	1
1,3-Dichlorobenzene	ND		0.50		ug/L			03/22/20 22:59	1
1,4-Dichlorobenzene	ND		0.50		ug/L			03/22/20 22:59	1
Benzene	ND		0.50		ug/L			03/22/20 22:59	1
Bromoform	ND		1.0		ug/L			03/22/20 22:59	1
Bromomethane	ND		0.50		ug/L			03/22/20 22:59	1
Carbon tetrachloride	ND		0.50		ug/L			03/22/20 22:59	1
Chlorobenzene	ND		0.50		ug/L			03/22/20 22:59	1
Dibromochloromethane	ND		0.50		ug/L			03/22/20 22:59	1
Chloroethane	ND		1.0		ug/L			03/22/20 22:59	1
Chloroform	ND		0.50		ug/L			03/22/20 22:59	1
Chloromethane	ND		0.50		ug/L			03/22/20 22:59	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			03/22/20 22:59	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			03/22/20 22:59	1
Bromodichloromethane	ND		0.50		ug/L			03/22/20 22:59	1
Ethylbenzene	ND		0.50		ug/L			03/22/20 22:59	1
Methyl tert-butyl ether	ND		0.50		ug/L			03/22/20 22:59	1
Methylene Chloride	ND		2.0		ug/L			03/22/20 22:59	1
Tetrachloroethene	ND		0.50		ug/L			03/22/20 22:59	1
Toluene	ND		0.50		ug/L			03/22/20 22:59	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			03/22/20 22:59	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			03/22/20 22:59	1
Trichloroethene	ND		0.50		ug/L			03/22/20 22:59	1
Trichlorofluoromethane	ND		0.50		ug/L			03/22/20 22:59	1
Vinyl chloride	ND		0.50		ug/L			03/22/20 22:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*60 - 140*		*03/22/20 22:59*	*1*
Dibromofluoromethane (Surr)	*99*		*60 - 140*		*03/22/20 22:59*	*1*
Toluene-d8 (Surr)	*109*		*60 - 140*		*03/22/20 22:59*	*1*

Surrogate Summary

Client: Locus Technologies
Project/Site: NEC

Job ID: 720-97870-1

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)							
		BFB	DBFM	TOL					
Lab Sample ID	Client Sample ID	(60-140)	(60-140)	(60-140)					
720-97870-1	276 NEC-EFT	111	103	103					
720-97870-2	276 TRIP BLANK	107	99	109					
LCS 440-601810/1002	Lab Control Sample	111	94	102					
MB 440-601810/5	Method Blank	110	101	108					

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DBFM = Dibromofluoromethane (Surr)

TOL = Toluene-d8 (Surr)

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 440-601810/5
Matrix: Water
Analysis Batch: 601810

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		0.50		ug/L			03/22/20 14:26	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			03/22/20 14:26	1
1,1,2-Trichloroethane	ND		0.50		ug/L			03/22/20 14:26	1
1,1-Dichloroethane	ND		0.50		ug/L			03/22/20 14:26	1
1,1-Dichloroethene	ND		0.50		ug/L			03/22/20 14:26	1
1,2-Dichlorobenzene	ND		0.50		ug/L			03/22/20 14:26	1
1,2-Dichloroethane	ND		0.50		ug/L			03/22/20 14:26	1
1,2-Dichloropropane	ND		0.50		ug/L			03/22/20 14:26	1
1,3-Dichlorobenzene	ND		0.50		ug/L			03/22/20 14:26	1
1,4-Dichlorobenzene	ND		0.50		ug/L			03/22/20 14:26	1
Benzene	ND		0.50		ug/L			03/22/20 14:26	1
Bromoform	ND		1.0		ug/L			03/22/20 14:26	1
Bromomethane	ND		0.50		ug/L			03/22/20 14:26	1
Carbon tetrachloride	ND		0.50		ug/L			03/22/20 14:26	1
Chlorobenzene	ND		0.50		ug/L			03/22/20 14:26	1
Dibromochloromethane	ND		0.50		ug/L			03/22/20 14:26	1
Chloroethane	ND		1.0		ug/L			03/22/20 14:26	1
Chloroform	ND		0.50		ug/L			03/22/20 14:26	1
Chloromethane	ND		0.50		ug/L			03/22/20 14:26	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			03/22/20 14:26	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			03/22/20 14:26	1
Bromodichloromethane	ND		0.50		ug/L			03/22/20 14:26	1
Ethylbenzene	ND		0.50		ug/L			03/22/20 14:26	1
Methyl tert-butyl ether	ND		0.50		ug/L			03/22/20 14:26	1
Methylene Chloride	ND		2.0		ug/L			03/22/20 14:26	1
Tetrachloroethene	ND		0.50		ug/L			03/22/20 14:26	1
Toluene	ND		0.50		ug/L			03/22/20 14:26	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			03/22/20 14:26	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			03/22/20 14:26	1
Trichloroethene	ND		0.50		ug/L			03/22/20 14:26	1
Trichlorofluoromethane	ND		0.50		ug/L			03/22/20 14:26	1
Vinyl chloride	ND		0.50		ug/L			03/22/20 14:26	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*60 - 140*		*03/22/20 14:26*	*1*
Dibromofluoromethane (Surr)	*101*		*60 - 140*		*03/22/20 14:26*	*1*
Toluene-d8 (Surr)	*108*		*60 - 140*		*03/22/20 14:26*	*1*

Lab Sample ID: LCS 440-601810/1002
Matrix: Water
Analysis Batch: 601810

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	25.0	24.5		ug/L		98	69 - 151
1,1,2,2-Tetrachloroethane	25.0	28.7		ug/L		115	68 - 136
1,1,2-Trichloroethane	25.0	26.0		ug/L		104	75 - 136
1,1-Dichloroethane	25.0	29.4		ug/L		118	71 - 143
1,1-Dichloroethene	25.0	23.3		ug/L		93	19 - 212

Method: 624.1 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 440-601810/1002
Matrix: Water
Analysis Batch: 601810

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dichlorobenzene	25.0	24.8		ug/L		99	59 - 174
1,2-Dichloroethane	25.0	26.0		ug/L		104	72 - 137
1,2-Dichloropropane	25.0	28.2		ug/L		113	19 - 181
1,3-Dichlorobenzene	25.0	26.6		ug/L		106	75 - 144
1,4-Dichlorobenzene	25.0	26.2		ug/L		105	59 - 174
Benzene	25.0	25.2		ug/L		101	75 - 125
Bromoform	25.0	21.6		ug/L		87	57 - 156
Bromomethane	25.0	30.0		ug/L		120	10 - 206
Carbon tetrachloride	25.0	23.3		ug/L		93	65 - 125
Chlorobenzene	25.0	25.2		ug/L		101	82 - 137
Dibromochloromethane	25.0	24.3		ug/L		97	69 - 133
Chloroethane	25.0	33.4		ug/L		134	42 - 202
Chloroform	25.0	24.2		ug/L		97	68 - 121
Chloromethane	25.0	34.1		ug/L		136	10 - 230
cis-1,2-Dichloroethene	25.0	23.8		ug/L		95	60 - 140
cis-1,3-Dichloropropene	25.0	29.1		ug/L		116	5 - 195
Bromodichloromethane	25.0	23.9		ug/L		96	50 - 140
Ethylbenzene	25.0	25.1		ug/L		100	75 - 134
Methyl tert-butyl ether	25.0	25.6		ug/L		102	60 - 140
Methylene Chloride	25.0	23.7		ug/L		95	10 - 205
Tetrachloroethene	25.0	23.5		ug/L		94	70 - 130
Toluene	25.0	24.7		ug/L		99	75 - 134
trans-1,2-Dichloroethene	25.0	25.3		ug/L		101	70 - 130
trans-1,3-Dichloropropene	25.0	29.4		ug/L		117	38 - 162
Trichloroethene	25.0	24.6		ug/L		98	75 - 138
Trichlorofluoromethane	25.0	27.1		ug/L		109	45 - 158
Vinyl chloride	25.0	33.2		ug/L		133	10 - 218

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*111*		*60 - 140*
Dibromofluoromethane (Surr)	*94*		*60 - 140*
Toluene-d8 (Surr)	*102*		*60 - 140*

Method: SM 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 440-601909/1
Matrix: Water
Analysis Batch: 601909

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	ND		10		mg/L			03/23/20 15:30	1

Lab Sample ID: LCS 440-601909/2
Matrix: Water
Analysis Batch: 601909

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Dissolved Solids	1000	986		mg/L		99	90 - 110

QC Association Summary

Client: Locus Technologies
Project/Site: NEC

Job ID: 720-97870-1

GC/MS VOA

Analysis Batch: 601810

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-97870-1	276 NEC-EFT	Total/NA	Water	624.1	
720-97870-2	276 TRIP BLANK	Total/NA	Water	624.1	
MB 440-601810/5	Method Blank	Total/NA	Water	624.1	
LCS 440-601810/1002	Lab Control Sample	Total/NA	Water	624.1	

General Chemistry

Analysis Batch: 601909

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-97870-1	276 NEC-EFT	Total/NA	Water	SM 2540C	
MB 440-601909/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 440-601909/2	Lab Control Sample	Total/NA	Water	SM 2540C	

Lab Chronicle

Client: Locus Technologies
Project/Site: NEC

Job ID: 720-97870-1

Client Sample ID: 276 NEC-EFT

Lab Sample ID: 720-97870-1

Date Collected: 03/18/20 10:10
Date Received: 03/18/20 15:25

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624.1		1	10 mL	10 mL	601810	03/22/20 22:29	A1W	TAL IRV
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	601909	03/23/20 15:30	XL	TAL IRV

Client Sample ID: 276 TRIP BLANK

Lab Sample ID: 720-97870-2

Date Collected: 03/18/20 00:00
Date Received: 03/18/20 15:25

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624.1		1	10 mL	10 mL	601810	03/22/20 22:59	A1W	TAL IRV

Laboratory References:

TAL IRV = Eurofins Calscience Irvine, 17461 Derian Ave, Suite 100, Irvine, CA 92614-5817, TEL (949)261-1022

Accreditation/Certification Summary

Client: Locus Technologies
Project/Site: NEC

Job ID: 720-97870-1

Laboratory: Eurofins TestAmerica, Pleasanton

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
California	State	2496	01-31-22

Laboratory: Eurofins Calscience Irvine

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
California	State	2706	06-30-20

Method Summary

Client: Locus Technologies
Project/Site: NEC

Job ID: 720-97870-1

Method	Method Description	Protocol	Laboratory
624.1	Volatile Organic Compounds (GC/MS)	40CFR136A	TAL IRV
SM 2540C	Solids, Total Dissolved (TDS)	SM	TAL IRV

Protocol References:

40CFR136A = "Methods for Organic Chemical Analysis of Municipal Industrial Wastewater", 40CFR, Part 136, Appendix A, October 26, 1984 and subsequent revisions.
SM = "Standard Methods For The Examination Of Water And Wastewater"

Laboratory References:

TAL IRV = Eurofins Calscience Irvine, 17461 Derian Ave, Suite 100, Irvine, CA 92614-5817, TEL (949)261-1022

Sample Summary

Client: Locus Technologies
Project/Site: NEC

Job ID: 720-97870-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
720-97870-1	276 NEC-EFT	Water	03/18/20 10:10	03/18/20 15:25	
720-97870-2	276 TRIP BLANK	Water	03/18/20 00:00	03/18/20 15:25	

720 - 97870 195208

SERIAL NO. 15147

LOCUS TECHNOLOGIES CHAIN-OF-CUSTODY RECORD (See Reverse for Instructions)

PROJECT NAME: NEC

PROJECT NUMBER: 98007-99-2200

RECORDER: [signature] (SIGN)

SAMPLERS: _____ (PRINT) _____ (SIGN)

SAMPLE CONTAINER DESCRIPTION CODES
A. 40-ml VOA Vial
B. Glass Liter 250 ml
C. Plastic ~~500 ml~~
D. Plastic Liter
E. Brass Tube
F. Other _____

SAMPLE DESCRIPTION CODES
A. Ground Water
B. Surface Water
C. Leachate
D. Rinseate
E. Soil/Sediment
F. Oil
G. Waste
H. Blank/Spike
I. Other _____

TAT CODES
1. Standard
2. 48 Hour
3. 24 Hour
4. Other _____

ANALYTICAL LAB: Test America

NO.	DATE	TIME	SAMPLE ID	AVERAGE TEMP °C	AVERAGE COND micromhos/cm	AVERAGE pH	Sample container (enter code)	Sample Description (enter code)	Unpreserved	HNO_3	HCL	Field Filtered (check)	EPA 624 (CS-1)	DEE+MTBE	TDS	Temperature*	TAT Requested (enter code)	Maximum Holding Time for Method Requested	Sample Store at 4°C (Check)	No VOA Headspace (Check)	NOTES	ASSIGNED BOTTLE NUMBERS	SAMPLE CONDITION UPON RECEIPT
1	3-18-20	1010	276 NEC-EFT				A	A			3		X	X	X								
2	↓	1010	" " "				C	A	1														
3		N/A	276 Trip Blank				A	H			3		X	X	X								
4		N/A	Temp Blank				C	H	1							X							
5																							
6																							
7																							
8																							
9																							
10																							
11																							
12																							
13																							
14																							
15																							
16																							

LABORATORY USE ONLY — LAB PROJECT NO. _____

* **NOTE! Temperature to be measured and recorded upon receipt of samples at lab. _____ °c**

720-97870 Chain of Custody

NOTES / MISCELLANEOUS

Field / Container Temp.

Relinquished By: (Signature)	Received By: (Signature)	Date	Time
[signature]	Anthony Charles	3/18/20	1305
Anthony Charles	[signature]	3-18-20	15:25

Container Sealed with Custody Seal: Yes ☐ No ☐

Method of Shipment	Description of Transport Container	Other Chains-of-Custody Transported with this Chain (by Serial No.)	Dispatched By: (Signature)	Date	Time	Received for lab By: (Signature)	Date	Time
			[signature]	3-18-20				

Send Lab Results to (Name): Nancy Jeanne Lefevre / Alan Tvana (Check Office Below) Verbals Requested: Yes ☐ No ☐

☐ MOUNTAIN VIEW • 299 FAIRCHILD DRIVE • MTN VIEW, CA 94043 • TEL (650) 960-1640 • FAX (650) 960-0739
☐ WALNUT CREEK • 1701 N. CALIFORNIA BLVD • WALNUT CREEK, CA 94596 • TEL (925) 906-8100 • FAX (925) 906-8101
☐ SACRAMENTO • 1100 MELODY LANE • ROSEVILLE, CA 95678 • TEL (916) 677-1751 • FAX (916) 677-1760
☐ OTHER _____ TEL _____ FAX _____

1.6°C

WHITE: Laboratory Copy YELLOW: Project Copy PINK: Database Copy

Eurofins TestAmerica, Pleasanton
1220 Quarry Lane
Pleasanton, CA 94566
Phone: 925-484-1919 Fax: 925-600-3002

Chain of Custody Record

eurofins Environment Testing TestAmerica

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Smith, Micah	Carrier Tracking No(s):	COC No.: 720-46292.1
Client Contact: Shipping/Receiving	Phone:	E-Mail: micah.smith@testamericainc.com	State of Origin: California	Page: Page 1 of 1
Company: Eurofins Calscience LLC		Accreditations Required (See note):		Job #: 720-97870-1
Address: 17461 Derian Ave, Suite 100,	Due Date Requested: 3/30/2020			
City: Irvine	TAT Requested (days):			
State, Zip: CA, 92614-5817				
Phone: 949-261-1022(Tel) 949-260-3297(Fax)	PO #:			
Email:	WO #:			
Project Name: NEC	Project #: 72014506			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)
Other:

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	624.1_LL/624_Prep 624 + cis-1,2-DCE, MTBE	2540C_Calcd	Total Number of containers	Special Instructions/Note:
			Preservation Code:							
276 NEC-EFT (720-97870-1)	3/18/20	10:10 Pacific		Water			X	X	2	
276 TRIP BLANK (720-97870-2)	3/18/20	Pacific		Water			X	X	3	

Note: Since laboratory accreditations are subject to change, Eurofins TestAmerica places the ownership of method, analyte & accreditation compliance upon out subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins TestAmerica laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins TestAmerica attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said complicance to Eurofins TestAmerica.

Possible Hazard Identification *Unconfirmed*	***Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*** ☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* ____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
[signature]	3/18/20 1600	ETA PLS			
Relinquished by	Date/Time	Company	Received by	Date/Time	Company
			[signature]		
Relinquished by:	Date/Time	Company	Received by:	Date/Time	Company
				3/20/20 0945	EC IRV

Custody Seals Intact: Δ Yes Δ No (circled: Yes) | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks: 1089 2.7/2.7

Ver: 01/16/2019

Login Sample Receipt Checklist

Client: Locus Technologies

Job Number: 720-97870-1

Login Number: 97870

List Source: Eurofins TestAmerica, Pleasanton

List Number: 1

Creator: Garcia, Hilario A

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Locus Technologies

Job Number: 720-97870-1

Login Number: 97870
List Number: 2
Creator: Ornelas, Olga

List Source: Eurofins Irvine
List Creation: 03/20/20 11:34 AM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	Not Present
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	N/A	Received project as a subcontract.
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Locus Technologies

Job Number: 720-97870-1

Login Number: 97870
List Number: 3
Creator: Ornelas, Olga

List Source: Eurofins Irvine
List Creation: 03/20/20 11:45 AM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	Not Present
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	N/A	Received project as a subcontract.
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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ANALYTICAL REPORT

Eurofins TestAmerica, Pleasanton
1220 Quarry Lane
Pleasanton, CA 94566
Tel: (925)484-1919

Laboratory Job ID: 720-98942-1
Client Project/Site: NEC

For:
Locus Technologies
299 Fairchild Drive
Mountain View, California 94043

Attn: Alan Tuan

Authorized for release by:
6/29/2020 11:49:05 AM

Micah Smith, Project Manager II
(925)484-1919
micah.smith@testamericainc.com

LINKS

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This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Table of Contents

Cover Page 1
Table of Contents 2
Definitions/Glossary 3
Case Narrative 4
Detection Summary 5
Client Sample Results 6
Surrogate Summary 8
QC Sample Results 9
QC Association Summary 11
Lab Chronicle 12
Certification Summary 13
Method Summary 14
Sample Summary 15
Chain of Custody 16
Receipt Checklists 18

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job ID: 720-98942-1

Laboratory: Eurofins TestAmerica, Pleasanton

Narrative

Job Narrative
720-98942-1

Comments
No additional comments.

Receipt
The samples were received on 6/22/2020 1:50 PM; the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 1.0º C.

GC/MS VOA
Method 624.1: The continuing calibration verification (CCV) associated with batch 440-614644 recovered above the upper control limit for Chloromethane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: 277NEC-EFT (720-98942-1) and TRIP BLANK (720-98942-2).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

General Chemistry
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

VOA Prep
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: Locus Technologies
Project/Site: NEC

Job ID: 720-98942-1

Client Sample ID: 277NEC-EFT — Lab Sample ID: 720-98942-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	23		0.50		ug/L	1		624.1	Total/NA
Bromodichloromethane	0.56		0.50		ug/L	1		624.1	Total/NA
trans-1,2-Dichloroethene	6.8		0.50		ug/L	1		624.1	Total/NA
Trichloroethene	58		0.50		ug/L	1		624.1	Total/NA
Total Dissolved Solids	770		10		mg/L	1		SM 2540C	Total/NA

Client Sample ID: TRIP BLANK — Lab Sample ID: 720-98942-2

No Detections.

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: Locus Technologies
Project/Site: NEC

Job ID: 720-98942-1

Client Sample ID: 277NEC-EFT

Date Collected: 06/22/20 09:20
Date Received: 06/22/20 13:50

Lab Sample ID: 720-98942-1

Matrix: Water

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		0.50		ug/L			06/28/20 14:36	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			06/28/20 14:36	1
1,1,2-Trichloroethane	ND		0.50		ug/L			06/28/20 14:36	1
1,1-Dichloroethane	ND		0.50		ug/L			06/28/20 14:36	1
1,1-Dichloroethene	ND		0.50		ug/L			06/28/20 14:36	1
1,2-Dichlorobenzene	ND		0.50		ug/L			06/28/20 14:36	1
1,2-Dichloroethane	ND		0.50		ug/L			06/28/20 14:36	1
1,2-Dichloropropane	ND		0.50		ug/L			06/28/20 14:36	1
1,3-Dichlorobenzene	ND		0.50		ug/L			06/28/20 14:36	1
1,4-Dichlorobenzene	ND		0.50		ug/L			06/28/20 14:36	1
Benzene	ND		0.50		ug/L			06/28/20 14:36	1
Bromoform	ND		1.0		ug/L			06/28/20 14:36	1
Bromomethane	ND		0.50		ug/L			06/28/20 14:36	1
Carbon tetrachloride	ND		0.50		ug/L			06/28/20 14:36	1
Chlorobenzene	ND		0.50		ug/L			06/28/20 14:36	1
Dibromochloromethane	ND		0.50		ug/L			06/28/20 14:36	1
Chloroethane	ND		1.0		ug/L			06/28/20 14:36	1
Chloroform	ND		0.50		ug/L			06/28/20 14:36	1
Chloromethane	ND		0.50		ug/L			06/28/20 14:36	1
cis-1,2-Dichloroethene	**23**		0.50		ug/L			06/28/20 14:36	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			06/28/20 14:36	1
Bromodichloromethane	**0.56**		0.50		ug/L			06/28/20 14:36	1
Ethylbenzene	ND		0.50		ug/L			06/28/20 14:36	1
Methyl tert-butyl ether	ND		0.50		ug/L			06/28/20 14:36	1
Methylene Chloride	ND		2.0		ug/L			06/28/20 14:36	1
Tetrachloroethene	ND		0.50		ug/L			06/28/20 14:36	1
Toluene	ND		0.50		ug/L			06/28/20 14:36	1
trans-1,2-Dichloroethene	**6.8**		0.50		ug/L			06/28/20 14:36	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			06/28/20 14:36	1
Trichloroethene	**58**		0.50		ug/L			06/28/20 14:36	1
Trichlorofluoromethane	ND		0.50		ug/L			06/28/20 14:36	1
Vinyl chloride	ND		0.50		ug/L			06/28/20 14:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*60 - 140*		*06/28/20 14:36*	*1*
Dibromofluoromethane (Surr)	*95*		*60 - 140*		*06/28/20 14:36*	*1*
Toluene-d8 (Surr)	*108*		*60 - 140*		*06/28/20 14:36*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**770**		10		mg/L			06/24/20 11:49	1

Client Sample Results

Client: Locus Technologies
Project/Site: NEC

Job ID: 720-98942-1

Client Sample ID: TRIP BLANK

Lab Sample ID: 720-98942-2

Date Collected: 06/22/20 00:00
Date Received: 06/22/20 13:50

Matrix: Water

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		0.50		ug/L			06/28/20 15:04	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			06/28/20 15:04	1
1,1,2-Trichloroethane	ND		0.50		ug/L			06/28/20 15:04	1
1,1-Dichloroethane	ND		0.50		ug/L			06/28/20 15:04	1
1,1-Dichloroethene	ND		0.50		ug/L			06/28/20 15:04	1
1,2-Dichlorobenzene	ND		0.50		ug/L			06/28/20 15:04	1
1,2-Dichloroethane	ND		0.50		ug/L			06/28/20 15:04	1
1,2-Dichloropropane	ND		0.50		ug/L			06/28/20 15:04	1
1,3-Dichlorobenzene	ND		0.50		ug/L			06/28/20 15:04	1
1,4-Dichlorobenzene	ND		0.50		ug/L			06/28/20 15:04	1
Benzene	ND		0.50		ug/L			06/28/20 15:04	1
Bromoform	ND		1.0		ug/L			06/28/20 15:04	1
Bromomethane	ND		0.50		ug/L			06/28/20 15:04	1
Carbon tetrachloride	ND		0.50		ug/L			06/28/20 15:04	1
Chlorobenzene	ND		0.50		ug/L			06/28/20 15:04	1
Dibromochloromethane	ND		0.50		ug/L			06/28/20 15:04	1
Chloroethane	ND		1.0		ug/L			06/28/20 15:04	1
Chloroform	ND		0.50		ug/L			06/28/20 15:04	1
Chloromethane	ND		0.50		ug/L			06/28/20 15:04	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			06/28/20 15:04	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			06/28/20 15:04	1
Bromodichloromethane	ND		0.50		ug/L			06/28/20 15:04	1
Ethylbenzene	ND		0.50		ug/L			06/28/20 15:04	1
Methyl tert-butyl ether	ND		0.50		ug/L			06/28/20 15:04	1
Methylene Chloride	ND		2.0		ug/L			06/28/20 15:04	1
Tetrachloroethene	ND		0.50		ug/L			06/28/20 15:04	1
Toluene	ND		0.50		ug/L			06/28/20 15:04	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			06/28/20 15:04	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			06/28/20 15:04	1
Trichloroethene	ND		0.50		ug/L			06/28/20 15:04	1
Trichlorofluoromethane	ND		0.50		ug/L			06/28/20 15:04	1
Vinyl chloride	ND		0.50		ug/L			06/28/20 15:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*60 - 140*		*06/28/20 15:04*	*1*
Dibromofluoromethane (Surr)	*95*		*60 - 140*		*06/28/20 15:04*	*1*
Toluene-d8 (Surr)	*106*		*60 - 140*		*06/28/20 15:04*	*1*

Surrogate Summary

Client: Locus Technologies
Project/Site: NEC

Job ID: 720-98942-1

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)		
		BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(60-140)	(60-140)	(60-140)
720-98942-1	277NEC-EFT	102	95	108
720-98942-2	TRIP BLANK	102	95	106
LCS 440-614644/1002	Lab Control Sample	104	95	102
MB 440-614644/4	Method Blank	102	93	107

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 440-614644/4
Matrix: Water
Analysis Batch: 614644

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		0.50		ug/L			06/28/20 09:59	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			06/28/20 09:59	1
1,1,2-Trichloroethane	ND		0.50		ug/L			06/28/20 09:59	1
1,1-Dichloroethane	ND		0.50		ug/L			06/28/20 09:59	1
1,1-Dichloroethene	ND		0.50		ug/L			06/28/20 09:59	1
1,2-Dichlorobenzene	ND		0.50		ug/L			06/28/20 09:59	1
1,2-Dichloroethane	ND		0.50		ug/L			06/28/20 09:59	1
1,2-Dichloropropane	ND		0.50		ug/L			06/28/20 09:59	1
1,3-Dichlorobenzene	ND		0.50		ug/L			06/28/20 09:59	1
1,4-Dichlorobenzene	ND		0.50		ug/L			06/28/20 09:59	1
Benzene	ND		0.50		ug/L			06/28/20 09:59	1
Bromoform	ND		1.0		ug/L			06/28/20 09:59	1
Bromomethane	ND		0.50		ug/L			06/28/20 09:59	1
Carbon tetrachloride	ND		0.50		ug/L			06/28/20 09:59	1
Chlorobenzene	ND		0.50		ug/L			06/28/20 09:59	1
Dibromochloromethane	ND		0.50		ug/L			06/28/20 09:59	1
Chloroethane	ND		1.0		ug/L			06/28/20 09:59	1
Chloroform	ND		0.50		ug/L			06/28/20 09:59	1
Chloromethane	ND		0.50		ug/L			06/28/20 09:59	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			06/28/20 09:59	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			06/28/20 09:59	1
Bromodichloromethane	ND		0.50		ug/L			06/28/20 09:59	1
Ethylbenzene	ND		0.50		ug/L			06/28/20 09:59	1
Methyl tert-butyl ether	ND		0.50		ug/L			06/28/20 09:59	1
Methylene Chloride	ND		2.0		ug/L			06/28/20 09:59	1
Tetrachloroethene	ND		0.50		ug/L			06/28/20 09:59	1
Toluene	ND		0.50		ug/L			06/28/20 09:59	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			06/28/20 09:59	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			06/28/20 09:59	1
Trichloroethene	ND		0.50		ug/L			06/28/20 09:59	1
Trichlorofluoromethane	ND		0.50		ug/L			06/28/20 09:59	1
Vinyl chloride	ND		0.50		ug/L			06/28/20 09:59	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*60 - 140*		*06/28/20 09:59*	*1*
Dibromofluoromethane (Surr)	*93*		*60 - 140*		*06/28/20 09:59*	*1*
Toluene-d8 (Surr)	*107*		*60 - 140*		*06/28/20 09:59*	*1*

Lab Sample ID: LCS 440-614644/1002
Matrix: Water
Analysis Batch: 614644

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	25.0	21.2		ug/L		85	69 - 151
1,1,2,2-Tetrachloroethane	25.0	30.6		ug/L		122	68 - 136
1,1,2-Trichloroethane	25.0	29.3		ug/L		117	75 - 136
1,1-Dichloroethane	25.0	27.2		ug/L		109	71 - 143
1,1-Dichloroethene	25.0	25.1		ug/L		100	19 - 212

Method: 624.1 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 440-614644/1002
Matrix: Water
Analysis Batch: 614644

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dichlorobenzene	25.0	28.2		ug/L		113	59 - 174
1,2-Dichloroethane	25.0	22.7		ug/L		91	72 - 137
1,2-Dichloropropane	25.0	27.5		ug/L		110	19 - 181
1,3-Dichlorobenzene	25.0	28.2		ug/L		113	75 - 144
1,4-Dichlorobenzene	25.0	28.2		ug/L		113	59 - 174
Benzene	25.0	29.2		ug/L		117	75 - 125
Bromoform	25.0	21.1		ug/L		84	57 - 156
Bromomethane	25.0	26.4		ug/L		106	10 - 206
Carbon tetrachloride	25.0	22.7		ug/L		91	65 - 125
Chlorobenzene	25.0	27.4		ug/L		110	82 - 137
Dibromochloromethane	25.0	23.6		ug/L		95	69 - 133
Chloroethane	25.0	30.2		ug/L		121	42 - 202
Chloroform	25.0	22.2		ug/L		89	68 - 121
Chloromethane	25.0	35.6		ug/L		142	10 - 230
cis-1,2-Dichloroethene	25.0	25.5		ug/L		102	60 - 140
cis-1,3-Dichloropropene	25.0	27.6		ug/L		110	5 - 195
Bromodichloromethane	25.0	24.0		ug/L		96	50 - 140
Ethylbenzene	25.0	26.6		ug/L		106	75 - 134
Methyl tert-butyl ether	25.0	24.2		ug/L		97	60 - 140
Methylene Chloride	25.0	24.9		ug/L		100	10 - 205
Tetrachloroethene	25.0	25.6		ug/L		102	70 - 130
Toluene	25.0	27.8		ug/L		111	75 - 134
trans-1,2-Dichloroethene	25.0	27.0		ug/L		108	70 - 130
trans-1,3-Dichloropropene	25.0	26.3		ug/L		105	38 - 162
Trichloroethene	25.0	26.9		ug/L		108	75 - 138
Trichlorofluoromethane	25.0	23.0		ug/L		92	45 - 158
Vinyl chloride	25.0	33.4		ug/L		134	10 - 218

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*104*		*60 - 140*
Dibromofluoromethane (Surr)	*95*		*60 - 140*
Toluene-d8 (Surr)	*102*		*60 - 140*

Method: SM 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 440-614182/1
Matrix: Water
Analysis Batch: 614182

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	ND		10		mg/L			06/24/20 11:46	1

Lab Sample ID: LCS 440-614182/2
Matrix: Water
Analysis Batch: 614182

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Dissolved Solids	1000	940		mg/L		94	90 - 110

QC Association Summary

Client: Locus Technologies
Project/Site: NEC

Job ID: 720-98942-1

GC/MS VOA

Analysis Batch: 614644

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-98942-1	277NEC-EFT	Total/NA	Water	624.1	
720-98942-2	TRIP BLANK	Total/NA	Water	624.1	
MB 440-614644/4	Method Blank	Total/NA	Water	624.1	
LCS 440-614644/1002	Lab Control Sample	Total/NA	Water	624.1	

General Chemistry

Analysis Batch: 614182

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-98942-1	277NEC-EFT	Total/NA	Water	SM 2540C	
MB 440-614182/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 440-614182/2	Lab Control Sample	Total/NA	Water	SM 2540C	

Lab Chronicle

Client: Locus Technologies
Project/Site: NEC

Job ID: 720-98942-1

Client Sample ID: 277NEC-EFT

Lab Sample ID: 720-98942-1

Date Collected: 06/22/20 09:20
Matrix: Water
Date Received: 06/22/20 13:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624.1		1	10 mL	10 mL	614644	06/28/20 14:36	OH1	TAL IRV
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	614182	06/24/20 11:49	XL	TAL IRV

Client Sample ID: TRIP BLANK

Lab Sample ID: 720-98942-2

Date Collected: 06/22/20 00:00
Matrix: Water
Date Received: 06/22/20 13:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624.1		1	10 mL	10 mL	614644	06/28/20 15:04	OH1	TAL IRV

Laboratory References:

TAL IRV = Eurofins Calscience Irvine, 17461 Derian Ave, Suite 100, Irvine, CA 92614-5817, TEL (949)261-1022

Accreditation/Certification Summary

Client: Locus Technologies
Project/Site: NEC

Job ID: 720-98942-1

Laboratory: Eurofins TestAmerica, Pleasanton

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
California	State	2496	01-31-20 *

Laboratory: Eurofins Calscience Irvine

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
California	State	2706	06-30-20

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Method Summary

Client: Locus Technologies
Project/Site: NEC

Job ID: 720-98942-1

Method	Method Description	Protocol	Laboratory
624.1	Volatile Organic Compounds (GC/MS)	40CFR136A	TAL IRV
SM 2540C	Solids, Total Dissolved (TDS)	SM	TAL IRV

Protocol References:

40CFR136A = "Methods for Organic Chemical Analysis of Municipal Industrial Wastewater", 40CFR, Part 136, Appendix A, October 26, 1984 and subsequent revisions.
SM = "Standard Methods For The Examination Of Water And Wastewater"

Laboratory References:

TAL IRV = Eurofins Calscience Irvine, 17461 Derian Ave, Suite 100, Irvine, CA 92614-5817, TEL (949)261-1022

Sample Summary

Client: Locus Technologies
Project/Site: NEC

Job ID: 720-98942-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
720-98942-1	277NEC-EFT	Water	06/22/20 09:20	06/22/20 13:50	
720-98942-2	TRIP BLANK	Water	06/22/20 00:00	06/22/20 13:50	

Locus TECHNOLOGIES

CHAIN-OF-CUSTODY RECORD (See Reverse for Instructions)

196299

SERIAL NO. 15152

PROJECT NAME: NEC

PROJECT NUMBER: 98007-99-2200

RECORDER: (SIGN)

SAMPLERS: (PRINT) (SIGN)

720-98942

SAMPLE CONTAINER DESCRIPTION CODES
A. 40-ml VOA Vial
B. Glass Liter
C. Plastic ~~500 ml~~ 250 ml
D. Plastic Liter
E. Brass Tube
F. Other

SAMPLE DESCRIPTION CODES
A. Ground Water
B. Surface Water
C. Leachate
D. Rinseate
E. Soil/Sediment
F. Oil
G. Waste
H. Blank/Spike
I. Other

TAT CODES
1. Standard
2. 48 Hour
3. 24 Hour
4. Other

ANALYTICAL LAB: Test America

NO.	DATE	TIME	SAMPLE ID	AVERAGE TEMP °C	AVERAGE COND micromhos/cm	AVERAGE pH	Sample container (enter code)	Sample Description (enter code)	Unpreserved	HNO_3	HCL	Field Filtered (check)	EPA624/CLP-VOC	DLE+MTBE	TDS	Temperature	TAT Requested (enter code)	Maximum Holding Time for Method Requested	Sample Store at 4°C (Check)	No VOA Headspace (Check)	NOTES	ASSIGNED BOTTLE NUMBERS	SAMPLE CONDITION UPON RECEIPT
1	6-22-20	9:20	277NEC-EFT				A	A			3		X	X									
2	↓	9:20	" " "				C	A	1						X								
3	↓	N/A	Trip Blank				A	H			3		X	X									
4	↓	N/A	Temp Blank				C	H	1							X							
5																							
6																							
7																							
8																							
9																							
10																							
11																							
12																							
13																							
14																							
15																							
16																							

* NOTE! Temperature to be measured and recorded upon receipt of samples at lab. _____ °C

720-98942 Chain of Custody

LABORATORY USE ONLY — LAB PROJECT NO.

NOTES / MISCELLANEOUS

Field / Container Temp. 1.0°C

Relinquished By: (Signature)	Received By: (Signature)	Date	Time
[signature]	Anthony Charles	6-22-20	1237
Anthony Charles	[signature]	6-22-20	13:50

Container Sealed with Custody Seal: Yes ☐ No ☐

Method of Shipment	Description of Transport Container	Other Chains-of-Custody Transported with this Chain (by Serial No.)	Dispatched By: (Signature)	Date	Time	Received for lab By: (Signature)	Date	Time
			[signature]	6-22-20	1237			

Send Lab Results to (Name): Alan Tuana (Check Office Below) Verbals Requested: Yes ☐ No ☐

☐ MOUNTAIN VIEW • 299 FAIRCHILD DRIVE • MTN VIEW, CA 94043 • TEL (650) 960-1640 • FAX (650) 960-0739
☐ WALNUT CREEK • 1701 N. CALIFORNIA BLVD • WALNUT CREEK, CA 94596 • TEL (925) 906-8100 • FAX (925) 906-8101
☐ SACRAMENTO • 1100 MELODY LANE • ROSEVILLE, CA 95678 • TEL (916) 677-1751 • FAX (916) 677-1760
☐ OTHER _____ TEL _____ FAX _____

WHITE: Laboratory Copy YELLOW: Project Copy PINK: Database Copy

REV. 6/02

Eurofins TestAmerica, Pleasanton
1220 Quarry Lane
Pleasanton, CA 94566
Phone: 925-484-1919 Fax: 925-600-3002

Chain of Custody Record

eurofins Environment Testing America

Client Information (Sub Contract Lab)	Sampler	Lab PM: Smith, Micah	Carrier Tracking No(s):	COC No: 720-48156.1
Client Contact: Shipping/Receiving	Phone:	E-Mail: micah.smith@testamericainc.com	State of Origin: California	Page: Page 1 of 1
Company: Eurofins Calscience LLC		Accreditations Required (See note):		Job #: 720-98942-1
Address: 17461 Derian Ave, Suite 100,	Due Date Requested: 7/2/2020			
City: Irvine	TAT Requested (days):			
State, Zip: CA, 92614-5817				
Phone: 949-261-1022(Tel) 949-260-3297(Fax)	PO #:			
Email:	WO #:			
Project Name: NEC	Project #: 72014506			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)

Other:

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	2540C_Calcd	624.1_LL/624_Prep 624 + cis-1,2-DCE, MTBE	Total Number of containers	Special Instructions/Note:
			Preservation Code:							
277NEC-EFT (720-98942-1)	6/22/20	09:20 Pacific		Water			X	X	4	
TRIP BLANK (720-98942-2)	6/22/20	Pacific		Water				X	3	

Note: Since laboratory accreditations are subject to change, Eurofins TestAmerica places the ownership of method, analyte & accreditation compliance upon out subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins TestAmerica laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins TestAmerica attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said complicance to Eurofins TestAmerica.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time	Method of Shipment

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
[signature]	6/22/20 1600	ECAL			
Relinquished by	Date/Time	Company	Received by	Date/Time	Company
Relinquished by	Date/Time	Company	Received by: [signature]	Date/Time: 6/23/20 0945	Company: EC-IRV

Custody Seals Intact: Δ Yes Δ No	Custody Seal No:	Cooler Temperature(s) °C and Other Remarks: 0.7/0.9 IR-93

Ver. 01/16/2019

Login Sample Receipt Checklist

Client: Locus Technologies

Job Number: 720-98942-1

Login Number: 98942
List Number: 1
Creator: Mullen, Joan

List Source: Eurofins TestAmerica, Pleasanton

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Locus Technologies

Job Number: 720-98942-1

Login Number: 98942
List Number: 2
Creator: Ornelas, Olga

List Source: Eurofins Irvine
List Creation: 06/23/20 12:41 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	Not Present
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	N/A	Received project as a subcontract.
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Locus Technologies

Job Number: 720-98942-1

Login Number: 98942
List Number: 3
Creator: Ornelas, Olga

List Source: Eurofins Irvine
List Creation: 06/23/20 12:54 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	Not Present
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	N/A	Received project as a subcontract.
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	