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United States Environmental Protection Agency
Region 9 Laboratory

1337 S. 46th Street Building 201
Richmond, CA 94804

Date: 9/9/2016

Subject: Analytical Testing Results - Project R16S79
SDG: 16230A

From: Peter Husby, Director
EPA Region 9 Laboratory
EMD-3-1

FOR PH

To: Karen Jurist
California Site Cleanup Section 3
SFD-7-3

Attached are the results from the analysis of samples from the **Jervis Webb August 2016 Sampling** project. These data have been reviewed in accordance with EPA Region 9 Laboratory policy.

A full documentation package for these data, including raw data and sample custody documentation, is on file at the EPA Region 9 Laboratory. If you would like to request additional review and/or validation of the data, please contact Eugenia McNaughton at the Region 9 Quality Assurance Office.

If you have any questions, please ask for Richard Bauer, the Lab Project Manager at (510)412-2300.

Electronic CC: Don Gruber, Gilbane, Inc.
Tom Beer, Gilbane, Inc.

Analyses included in this report:

Semivolatile Organic Compounds by GC/MS
Volatile Organic Compounds by GC/MS

United States Environmental Protection Agency
Region 9 Laboratory
1337 S. 46th Street, Building 201, Richmond, CA 94804
Phone:(510) 412-2300 Fax:(510) 412-2302

Project Manager: Karen Jurist	**California Site Cleanup Section 3**	**SDG:** 16230A
Project Number: R16S79	**75 Hawthorne Street**	**Reported:** 09/09/16 07:49
Project: Jervis Webb August 2016 Sampling	**San Francisco CA, 94105**	

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Collected	Date Received
JW-CPT20-132	1608029-01	Water	08/16/16 10:20	08/17/16 10:00
JW-CPT20-64	1608029-02	Water	08/16/16 11:20	08/17/16 10:00
JW-WL01-0816	1608029-03	Water	08/16/16 11:30	08/17/16 10:00
JW-RL01-0816	1608029-04	Water	08/16/16 08:00	08/17/16 10:00
JW-CPT20-80	1608029-05	Water	08/16/16 11:40	08/17/16 10:00
JW-CPT20-100	1608029-06	Water	08/16/16 12:30	08/17/16 10:00
JW-CPT20-120	1608029-07	Water	08/16/16 13:00	08/17/16 10:00
JW-CPT20-121	1608029-08	Water	08/16/16 13:10	08/17/16 10:00
JW-EL01-0816	1608029-09	Water	08/16/16 13:30	08/17/16 10:00

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Project Number: R16S79	**75 Hawthorne Street**	**Reported:** 09/09/16 07:49
Project: Jervis Webb August 2016 Sampling	**San Francisco CA, 94105**	

Sample Results

Lab ID: 1608029-01 — **Water - Sampled: 08/16/16 10:20**

Sample ID: JW-CPT20-132

Volatile Organic Compounds by EPA Method 524.2

Analyte	Reanalysis / Extract	Result	Qualifiers / Comments	Quantitation Limit	Units	Batch	Prepared	Analyzed	Method
Dichlorodifluoromethane		ND	U	0.5	ug/L	B16H055	08/17/16	08/17/16	524.2
Chloromethane		ND	U	0.5	"	"	"	"	524.2
Vinyl chloride		ND	U	0.5	"	"	"	"	524.2
Bromomethane		ND	U	0.5	"	"	"	"	524.2
Chloroethane		ND	U	0.5	"	"	"	"	524.2
Trichlorofluoromethane		ND	U	0.5	"	"	"	"	524.2
1,1-Dichloroethene		ND	U	0.5	"	"	"	"	524.2
1,1,2-Trichloro-1,2,2-trifluoroethane		ND	U	0.5	"	"	"	"	524.2
Acetone		3.6	C1, J	4	"	"	"	"	524.2
Dichloromethane		ND	U	0.5	"	"	"	"	524.2
trans-1,2-Dichloroethene		ND	U	0.5	"	"	"	"	524.2
tert-Butyl methyl ether (MTBE)		ND	U	2	"	"	"	"	524.2
1,1-Dichloroethane		ND	U	0.5	"	"	"	"	524.2
2,2-Dichloropropane		ND	U	0.5	"	"	"	"	524.2
cis-1,2-Dichloroethene		ND	U	0.5	"	"	"	"	524.2
2-Butanone (MEK)		ND	U	4	"	"	"	"	524.2
Bromochloromethane		ND	U	0.5	"	"	"	"	524.2
Chloroform		ND	U	0.5	"	"	"	"	524.2
1,1,1-Trichloroethane		ND	U	0.5	"	"	"	"	524.2
Carbon tetrachloride		ND	U	0.5	"	"	"	"	524.2
1,1-Dichloropropene		ND	U	0.5	"	"	"	"	524.2
Benzene		ND	U	0.5	"	"	"	"	524.2
1,2-Dichloroethane		ND	U	0.5	"	"	"	"	524.2
Trichloroethene		ND	U	0.5	"	"	"	"	524.2
1,2-Dichloropropane		ND	U	0.5	"	"	"	"	524.2
Dibromomethane		ND	U	0.5	"	"	"	"	524.2
Bromodichloromethane		ND	U	0.5	"	"	"	"	524.2
cis-1,3-Dichloropropene		ND	U	0.5	"	"	"	"	524.2
Toluene		ND	U	0.5	"	"	"	"	524.2
trans-1,3-Dichloropropene		ND	U	0.5	"	"	"	"	524.2
1,1,2-Trichloroethane		ND	U	0.5	"	"	"	"	524.2
Tetrachloroethene		ND	U	0.5	"	"	"	"	524.2
1,3-Dichloropropane		ND	U	0.5	"	"	"	"	524.2
Chlorodibromomethane		ND	U	0.5	"	"	"	"	524.2
1,2-Dibromoethane (EDB)		ND	U	0.5	"	"	"	"	524.2
Chlorobenzene		ND	U	0.5	"	"	"	"	524.2

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Project Number: R16S79	**75 Hawthorne Street**	**Reported:** 09/09/16 07:49
Project: Jervis Webb August 2016 Sampling	**San Francisco CA, 94105**	

Sample Results

Analyte	Reanalysis / Extract	Result	Qualifiers / Comments	Quantitation Limit	Units	Batch	Prepared	Analyzed	Method
Lab ID: 1608029-01									**Water - Sampled: 08/16/16 10:20**
Sample ID: JW-CPT20-132									**Volatile Organic Compounds by EPA Method 524.2**
1,1,1,2-Tetrachloroethane		ND	U	0.5	ug/L	B16H055	08/17/16	08/17/16	524.2
Ethylbenzene		ND	U	0.5	"	"	"	"	524.2
m&p-Xylene		ND	U	1	"	"	"	"	524.2
o-Xylene		ND	U	0.5	"	"	"	"	524.2
Styrene		ND	U	0.5	"	"	"	"	524.2
Bromoform		ND	U	0.5	"	"	"	"	524.2
Isopropylbenzene		ND	U	0.5	"	"	"	"	524.2
Bromobenzene		ND	U	0.5	"	"	"	"	524.2
1,1,2,2-Tetrachloroethane		ND	U	0.5	"	"	"	"	524.2
1,2,3-Trichloropropane		ND	U	0.5	"	"	"	"	524.2
Propylbenzene		ND	U	0.5	"	"	"	"	524.2
2-Chlorotoluene		ND	U	0.5	"	"	"	"	524.2
4-Chlorotoluene		ND	U	0.5	"	"	"	"	524.2
1,3,5-Trimethylbenzene		ND	U	0.5	"	"	"	"	524.2
tert-Butylbenzene		ND	U	0.5	"	"	"	"	524.2
1,2,4-Trimethylbenzene		ND	U	0.5	"	"	"	"	524.2
sec-Butylbenzene		ND	U	0.5	"	"	"	"	524.2
1,3-Dichlorobenzene		ND	U	0.5	"	"	"	"	524.2
p-Isopropyltoluene		ND	U	0.5	"	"	"	"	524.2
1,4-Dichlorobenzene		ND	U	0.5	"	"	"	"	524.2
1,2-Dichlorobenzene		ND	U	0.5	"	"	"	"	524.2
Butylbenzene		ND	U	0.5	"	"	"	"	524.2
1,2-Dibromo-3-chloropropane		ND	U	2	"	"	"	"	524.2
1,2,4-Trichlorobenzene		ND	U	0.5	"	"	"	"	524.2
Hexachlorobutadiene		ND	U	0.5	"	"	"	"	524.2
Naphthalene		ND	U	0.5	"	"	"	"	524.2
1,2,3-Trichlorobenzene		ND	U	0.5	"	"	"	"	524.2
Nonanal		0.6	J, N TIC		"	"	"	"	524.2
Surrogate: 1,2-Dichloroethane-d4			106 %	*65-149%*		"	"	"	
Surrogate: Toluene-d8			95 %	*85-114%*		"	"	"	
Surrogate: 4-Bromofluorobenzene			93 %	*82-111%*		"	"	"	
Surrogate: 1,2-Dichlorobenzene-d4			103 %	*76-118%*		"	"	"	
Sample ID: JW-CPT20-132									**Semivolatile Organic Compounds by EPA Method 8270D**
1,4-Dioxane		ND	J, Q7, U	1	"	B16H098	08/18/16	08/30/16	8270D
Surrogate: 1,4-Dioxane-d8			**44 %**	*46-110%*		"	"	"	
Lab ID: 1608029-02									**Water - Sampled: 08/16/16 11:20**

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Project Number: R16S79	**75 Hawthorne Street**	**Reported:** 09/09/16 07:49
Project: Jervis Webb August 2016 Sampling	**San Francisco CA, 94105**	

Sample Results

Analyte	Reanalysis / Extract	Result	Qualifiers / Comments	Quantitation Limit	Units	Batch	Prepared	Analyzed	Method
Lab ID: 1608029-02									**Water - Sampled: 08/16/16 11:20**
Sample ID: JW-CPT20-64									**Volatile Organic Compounds by EPA Method 524.2**
Dichlorodifluoromethane		ND	U	0.5	ug/L	B16H055	08/17/16	08/17/16	524.2
Chloromethane		ND	U	0.5	"	"	"	"	524.2
Vinyl chloride		ND	U	0.5	"	"	"	"	524.2
Bromomethane		ND	U	0.5	"	"	"	"	524.2
Chloroethane		ND	U	0.5	"	"	"	"	524.2
Trichlorofluoromethane		ND	U	0.5	"	"	"	"	524.2
1,1-Dichloroethene		ND	U	0.5	"	"	"	"	524.2
1,1,2-Trichloro-1,2,2-trifluoroethane		ND	U	0.5	"	"	"	"	524.2
Acetone		2.8	C1, J	4	"	"	"	"	524.2
Dichloromethane		ND	U	0.5	"	"	"	"	524.2
trans-1,2-Dichloroethene		0.4	C1, J	0.5	"	"	"	"	524.2
tert-Butyl methyl ether (MTBE)		ND	U	2	"	"	"	"	524.2
1,1-Dichloroethane		ND	U	0.5	"	"	"	"	524.2
2,2-Dichloropropane		ND	U	0.5	"	"	"	"	524.2
cis-1,2-Dichloroethene		7.7		0.5	"	"	"	"	524.2
2-Butanone (MEK)		ND	U	4	"	"	"	"	524.2
Bromochloromethane		ND	U	0.5	"	"	"	"	524.2
Chloroform		ND	U	0.5	"	"	"	"	524.2
1,1,1-Trichloroethane		ND	U	0.5	"	"	"	"	524.2
Carbon tetrachloride		ND	U	0.5	"	"	"	"	524.2
1,1-Dichloropropene		ND	U	0.5	"	"	"	"	524.2
Benzene		ND	U	0.5	"	"	"	"	524.2
1,2-Dichloroethane		ND	U	0.5	"	"	"	"	524.2
Trichloroethene		1.6		0.5	"	"	"	"	524.2
1,2-Dichloropropane		ND	U	0.5	"	"	"	"	524.2
Dibromomethane		ND	U	0.5	"	"	"	"	524.2
Bromodichloromethane		ND	U	0.5	"	"	"	"	524.2
cis-1,3-Dichloropropene		ND	U	0.5	"	"	"	"	524.2
Toluene		ND	U	0.5	"	"	"	"	524.2
trans-1,3-Dichloropropene		ND	U	0.5	"	"	"	"	524.2
1,1,2-Trichloroethane		ND	U	0.5	"	"	"	"	524.2
Tetrachloroethene		ND	U	0.5	"	"	"	"	524.2
1,3-Dichloropropane		ND	U	0.5	"	"	"	"	524.2
Chlorodibromomethane		ND	U	0.5	"	"	"	"	524.2
1,2-Dibromoethane (EDB)		ND	U	0.5	"	"	"	"	524.2
Chlorobenzene		ND	U	0.5	"	"	"	"	524.2
1,1,1,2-Tetrachloroethane		ND	U	0.5	"	"	"	"	524.2

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Sample Results

Analyte	Reanalysis / Extract	Result	Qualifiers / Comments	Quantitation Limit	Units	Batch	Prepared	Analyzed	Method
Lab ID: 1608029-02									**Water - Sampled: 08/16/16 11:20**
Sample ID: JW-CPT20-64									**Volatile Organic Compounds by EPA Method 524.2**
Ethylbenzene		ND	U	0.5	ug/L	B16H055	08/17/16	08/17/16	524.2
m&p-Xylene		ND	U	1	"	"	"	"	524.2
o-Xylene		ND	U	0.5	"	"	"	"	524.2
Styrene		ND	U	0.5	"	"	"	"	524.2
Bromoform		ND	U	0.5	"	"	"	"	524.2
Isopropylbenzene		ND	U	0.5	"	"	"	"	524.2
Bromobenzene		ND	U	0.5	"	"	"	"	524.2
1,1,2,2-Tetrachloroethane		ND	U	0.5	"	"	"	"	524.2
1,2,3-Trichloropropane		ND	U	0.5	"	"	"	"	524.2
Propylbenzene		ND	U	0.5	"	"	"	"	524.2
2-Chlorotoluene		ND	U	0.5	"	"	"	"	524.2
4-Chlorotoluene		ND	U	0.5	"	"	"	"	524.2
1,3,5-Trimethylbenzene		ND	U	0.5	"	"	"	"	524.2
tert-Butylbenzene		ND	U	0.5	"	"	"	"	524.2
1,2,4-Trimethylbenzene		ND	U	0.5	"	"	"	"	524.2
sec-Butylbenzene		ND	U	0.5	"	"	"	"	524.2
1,3-Dichlorobenzene		ND	U	0.5	"	"	"	"	524.2
p-Isopropyltoluene		ND	U	0.5	"	"	"	"	524.2
1,4-Dichlorobenzene		ND	U	0.5	"	"	"	"	524.2
1,2-Dichlorobenzene		ND	U	0.5	"	"	"	"	524.2
Butylbenzene		ND	U	0.5	"	"	"	"	524.2
1,2-Dibromo-3-chloropropane		ND	U	2	"	"	"	"	524.2
1,2,4-Trichlorobenzene		ND	U	0.5	"	"	"	"	524.2
Hexachlorobutadiene		ND	U	0.5	"	"	"	"	524.2
Naphthalene		ND	U	0.5	"	"	"	"	524.2
1,2,3-Trichlorobenzene		ND	U	0.5	"	"	"	"	524.2
Decanal		0.7	J, N TIC		"	"	"	"	524.2
Nonanal		4.3	J, N TIC		"	"	"	"	524.2
Surrogate: 1,2-Dichloroethane-d4			105 %	*65-149%*		"	"	"	
Surrogate: Toluene-d8			95 %	*85-114%*		"	"	"	
Surrogate: 4-Bromofluorobenzene			99 %	*82-111%*		"	"	"	
Surrogate: 1,2-Dichlorobenzene-d4			108 %	*76-118%*		"	"	"	
Sample ID: JW-CPT20-64									**Semivolatile Organic Compounds by EPA Method 8270D**
1,4-Dioxane		0.5	C1, J	1.1	"	B16H098	08/18/16	08/30/16	8270D
Surrogate: 1,4-Dioxane-d8			49 %	*46-110%*		"	"	"	
Lab ID: 1608029-03									**Water - Sampled: 08/16/16 11:30**

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Project Number: R16S79	**75 Hawthorne Street**	**Reported:** 09/09/16 07:49
Project: Jervis Webb August 2016 Sampling	**San Francisco CA, 94105**	

Sample Results

Lab ID: 1608029-03 — **Water - Sampled: 08/16/16 11:30**

Sample ID: JW-WL01-0816 — **Volatile Organic Compounds by EPA Method 524.2**

Analyte	Reanalysis / Extract	Result	Qualifiers / Comments	Quantitation Limit	Units	Batch	Prepared	Analyzed	Method
Dichlorodifluoromethane		ND	J, Q4, U	0.5	ug/L	B16H055	08/17/16	08/17/16	524.2
Chloromethane		ND	J, Q4, U	0.5	"	"	"	"	524.2
Vinyl chloride		ND	U	0.5	"	"	"	"	524.2
Bromomethane		ND	U	0.5	"	"	"	"	524.2
Chloroethane		ND	U	0.5	"	"	"	"	524.2
Trichlorofluoromethane		ND	U	0.5	"	"	"	"	524.2
1,1-Dichloroethene		ND	U	0.5	"	"	"	"	524.2
1,1,2-Trichloro-1,2,2-trifluoroethane		ND	U	0.5	"	"	"	"	524.2
Acetone		4.7		4	"	"	"	"	524.2
Dichloromethane		ND	U	0.5	"	"	"	"	524.2
trans-1,2-Dichloroethene		ND	U	0.5	"	"	"	"	524.2
tert-Butyl methyl ether (MTBE)		ND	U	2	"	"	"	"	524.2
1,1-Dichloroethane		ND	U	0.5	"	"	"	"	524.2
2,2-Dichloropropane		ND	U	0.5	"	"	"	"	524.2
cis-1,2-Dichloroethene		ND	U	0.5	"	"	"	"	524.2
2-Butanone (MEK)		ND	U	4	"	"	"	"	524.2
Bromochloromethane		ND	U	0.5	"	"	"	"	524.2
Chloroform		ND	U	0.5	"	"	"	"	524.2
1,1,1-Trichloroethane		ND	U	0.5	"	"	"	"	524.2
Carbon tetrachloride		ND	U	0.5	"	"	"	"	524.2
1,1-Dichloropropene		ND	U	0.5	"	"	"	"	524.2
Benzene		ND	U	0.5	"	"	"	"	524.2
1,2-Dichloroethane		ND	U	0.5	"	"	"	"	524.2
Trichloroethene		ND	U	0.5	"	"	"	"	524.2
1,2-Dichloropropane		ND	U	0.5	"	"	"	"	524.2
Dibromomethane		ND	U	0.5	"	"	"	"	524.2
Bromodichloromethane		ND	U	0.5	"	"	"	"	524.2
cis-1,3-Dichloropropene		ND	U	0.5	"	"	"	"	524.2
Toluene		ND	U	0.5	"	"	"	"	524.2
trans-1,3-Dichloropropene		ND	U	0.5	"	"	"	"	524.2
1,1,2-Trichloroethane		ND	U	0.5	"	"	"	"	524.2
Tetrachloroethene		ND	U	0.5	"	"	"	"	524.2
1,3-Dichloropropane		ND	U	0.5	"	"	"	"	524.2
Chlorodibromomethane		ND	U	0.5	"	"	"	"	524.2
1,2-Dibromoethane (EDB)		ND	U	0.5	"	"	"	"	524.2
Chlorobenzene		ND	U	0.5	"	"	"	"	524.2

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Project: Jervis Webb August 2016 Sampling	**San Francisco CA, 94105**	

Sample Results

Analyte	Reanalysis / Extract	Result	Qualifiers / Comments	Quantitation Limit	Units	Batch	Prepared	Analyzed	Method
Lab ID: 1608029-03									**Water - Sampled: 08/16/16 11:30**
Sample ID: JW-WL01-0816									**Volatile Organic Compounds by EPA Method 524.2**
1,1,1,2-Tetrachloroethane		ND	U	0.5	ug/L	B16H055	08/17/16	08/17/16	524.2
Ethylbenzene		ND	U	0.5	"	"	"	"	524.2
m&p-Xylene		ND	U	1	"	"	"	"	524.2
o-Xylene		ND	U	0.5	"	"	"	"	524.2
Styrene		ND	U	0.5	"	"	"	"	524.2
Bromoform		ND	U	0.5	"	"	"	"	524.2
Isopropylbenzene		ND	U	0.5	"	"	"	"	524.2
Bromobenzene		ND	U	0.5	"	"	"	"	524.2
1,1,2,2-Tetrachloroethane		ND	U	0.5	"	"	"	"	524.2
1,2,3-Trichloropropane		ND	U	0.5	"	"	"	"	524.2
Propylbenzene		ND	U	0.5	"	"	"	"	524.2
2-Chlorotoluene		ND	U	0.5	"	"	"	"	524.2
4-Chlorotoluene		ND	U	0.5	"	"	"	"	524.2
1,3,5-Trimethylbenzene		ND	U	0.5	"	"	"	"	524.2
tert-Butylbenzene		ND	U	0.5	"	"	"	"	524.2
1,2,4-Trimethylbenzene		ND	U	0.5	"	"	"	"	524.2
sec-Butylbenzene		ND	U	0.5	"	"	"	"	524.2
1,3-Dichlorobenzene		ND	U	0.5	"	"	"	"	524.2
p-Isopropyltoluene		ND	U	0.5	"	"	"	"	524.2
1,4-Dichlorobenzene		ND	U	0.5	"	"	"	"	524.2
1,2-Dichlorobenzene		ND	U	0.5	"	"	"	"	524.2
Butylbenzene		ND	U	0.5	"	"	"	"	524.2
1,2-Dibromo-3-chloropropane		ND	U	2	"	"	"	"	524.2
1,2,4-Trichlorobenzene		ND	U	0.5	"	"	"	"	524.2
Hexachlorobutadiene		ND	U	0.5	"	"	"	"	524.2
Naphthalene		ND	U	0.5	"	"	"	"	524.2
1,2,3-Trichlorobenzene		ND	U	0.5	"	"	"	"	524.2
Surrogate: 1,2-Dichloroethane-d4			105 %	*65-149%*		"	"	"	
Surrogate: Toluene-d8			96 %	*85-114%*		"	"	"	
Surrogate: 4-Bromofluorobenzene			97 %	*82-111%*		"	"	"	
Surrogate: 1,2-Dichlorobenzene-d4			98 %	*76-118%*		"	"	"	
Sample ID: JW-WL01-0816									**Semivolatile Organic Compounds by EPA Method 8270D**
1,4-Dioxane		ND	U	1	"	B16H098	08/18/16	08/30/16	8270D
Surrogate: 1,4-Dioxane-d8			67 %	*46-110%*		"	"	"	
Lab ID: 1608029-04									**Water - Sampled: 08/16/16 08:00**
Sample ID: JW-RL01-0816									**Volatile Organic Compounds by EPA Method 524.2**

United States Environmental Protection Agency
Region 9 Laboratory
1337 S. 46th Street, Building 201, Richmond, CA 94804
Phone:(510) 412-2300 Fax:(510) 412-2302

Project Manager: Karen Jurist	**California Site Cleanup Section 3**	**SDG:** 16230A
Project Number: R16S79	**75 Hawthorne Street**	**Reported:** 09/09/16 07:49
Project: Jervis Webb August 2016 Sampling	**San Francisco CA, 94105**	

Sample Results

Lab ID: 1608029-04 — **Water - Sampled: 08/16/16 08:00**

Sample ID: JW-RL01-0816 — **Volatile Organic Compounds by EPA Method 524.2**

Analyte	Reanalysis / Extract	Result	Qualifiers / Comments	Quantitation Limit	Units	Batch	Prepared	Analyzed	Method
Dichlorodifluoromethane		ND	U	0.5	ug/L	B16H055	08/17/16	08/17/16	524.2
Chloromethane		ND	U	0.5	"	"	"	"	524.2
Vinyl chloride		ND	U	0.5	"	"	"	"	524.2
Bromomethane		ND	U	0.5	"	"	"	"	524.2
Chloroethane		ND	U	0.5	"	"	"	"	524.2
Trichlorofluoromethane		ND	U	0.5	"	"	"	"	524.2
1,1-Dichloroethene		ND	U	0.5	"	"	"	"	524.2
1,1,2-Trichloro-1,2,2-trifluoroethane		ND	U	0.5	"	"	"	"	524.2
Acetone		2.2	C1, J	4	"	"	"	"	524.2
Dichloromethane		ND	U	0.5	"	"	"	"	524.2
trans-1,2-Dichloroethene		ND	U	0.5	"	"	"	"	524.2
tert-Butyl methyl ether (MTBE)		ND	U	2	"	"	"	"	524.2
1,1-Dichloroethane		ND	U	0.5	"	"	"	"	524.2
2,2-Dichloropropane		ND	U	0.5	"	"	"	"	524.2
cis-1,2-Dichloroethene		ND	U	0.5	"	"	"	"	524.2
2-Butanone (MEK)		ND	U	4	"	"	"	"	524.2
Bromochloromethane		ND	U	0.5	"	"	"	"	524.2
Chloroform		ND	U	0.5	"	"	"	"	524.2
1,1,1-Trichloroethane		ND	U	0.5	"	"	"	"	524.2
Carbon tetrachloride		ND	U	0.5	"	"	"	"	524.2
1,1-Dichloropropene		ND	U	0.5	"	"	"	"	524.2
Benzene		ND	U	0.5	"	"	"	"	524.2
1,2-Dichloroethane		ND	U	0.5	"	"	"	"	524.2
Trichloroethene		ND	U	0.5	"	"	"	"	524.2
1,2-Dichloropropane		ND	U	0.5	"	"	"	"	524.2
Dibromomethane		ND	U	0.5	"	"	"	"	524.2
Bromodichloromethane		ND	U	0.5	"	"	"	"	524.2
cis-1,3-Dichloropropene		ND	U	0.5	"	"	"	"	524.2
Toluene		ND	U	0.5	"	"	"	"	524.2
trans-1,3-Dichloropropene		ND	U	0.5	"	"	"	"	524.2
1,1,2-Trichloroethane		ND	U	0.5	"	"	"	"	524.2
Tetrachloroethene		ND	U	0.5	"	"	"	"	524.2
1,3-Dichloropropane		ND	U	0.5	"	"	"	"	524.2
Chlorodibromomethane		ND	U	0.5	"	"	"	"	524.2
1,2-Dibromoethane (EDB)		ND	U	0.5	"	"	"	"	524.2
Chlorobenzene		ND	U	0.5	"	"	"	"	524.2

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Project Manager: Karen Jurist	**California Site Cleanup Section 3**	**SDG:** 16230A
Project Number: R16S79	**75 Hawthorne Street**	**Reported:** 09/09/16 07:49
Project: Jervis Webb August 2016 Sampling	**San Francisco CA, 94105**	

Sample Results

Lab ID: 1608029-04 — **Water - Sampled: 08/16/16 08:00**

Sample ID: JW-RL01-0816

Volatile Organic Compounds by EPA Method 524.2

Analyte	Reanalysis / Extract	Result	Qualifiers / Comments	Quantitation Limit	Units	Batch	Prepared	Analyzed	Method
1,1,1,2-Tetrachloroethane		ND	U	0.5	ug/L	B16H055	08/17/16	08/17/16	524.2
Ethylbenzene		ND	U	0.5	"	"	"	"	524.2
m&p-Xylene		ND	U	1	"	"	"	"	524.2
o-Xylene		ND	U	0.5	"	"	"	"	524.2
Styrene		ND	U	0.5	"	"	"	"	524.2
Bromoform		ND	U	0.5	"	"	"	"	524.2
Isopropylbenzene		ND	U	0.5	"	"	"	"	524.2
Bromobenzene		ND	U	0.5	"	"	"	"	524.2
1,1,2,2-Tetrachloroethane		ND	U	0.5	"	"	"	"	524.2
1,2,3-Trichloropropane		ND	U	0.5	"	"	"	"	524.2
Propylbenzene		ND	U	0.5	"	"	"	"	524.2
2-Chlorotoluene		ND	U	0.5	"	"	"	"	524.2
4-Chlorotoluene		ND	U	0.5	"	"	"	"	524.2
1,3,5-Trimethylbenzene		ND	U	0.5	"	"	"	"	524.2
tert-Butylbenzene		ND	U	0.5	"	"	"	"	524.2
1,2,4-Trimethylbenzene		ND	U	0.5	"	"	"	"	524.2
sec-Butylbenzene		ND	U	0.5	"	"	"	"	524.2
1,3-Dichlorobenzene		ND	U	0.5	"	"	"	"	524.2
p-Isopropyltoluene		ND	U	0.5	"	"	"	"	524.2
1,4-Dichlorobenzene		ND	U	0.5	"	"	"	"	524.2
1,2-Dichlorobenzene		ND	U	0.5	"	"	"	"	524.2
Butylbenzene		ND	U	0.5	"	"	"	"	524.2
1,2-Dibromo-3-chloropropane		ND	U	2	"	"	"	"	524.2
1,2,4-Trichlorobenzene		ND	U	0.5	"	"	"	"	524.2
Hexachlorobutadiene		ND	U	0.5	"	"	"	"	524.2
Naphthalene		ND	U	0.5	"	"	"	"	524.2
1,2,3-Trichlorobenzene		ND	U	0.5	"	"	"	"	524.2
Furan, tetrahydro		0.9	J, N TIC		"	"	"	"	524.2
Hexanol, ethyl		1.0	J, N TIC		"	"	"	"	524.2
Surrogate: 1,2-Dichloroethane-d4			104 %	*65-149%*		"	"	"	
Surrogate: Toluene-d8			96 %	*85-114%*		"	"	"	
Surrogate: 4-Bromofluorobenzene			95 %	*82-111%*		"	"	"	
Surrogate: 1,2-Dichlorobenzene-d4			102 %	*76-118%*		"	"	"	

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Project Manager: Karen Jurist	**California Site Cleanup Section 3**	**SDG:** 16230A
Project Number: R16S79	**75 Hawthorne Street**	**Reported:** 09/09/16 07:49
Project: Jervis Webb August 2016 Sampling	**San Francisco CA, 94105**	

Sample Results

Lab ID: 1608029-05 — **Water - Sampled: 08/16/16 11:40**

Sample ID: JW-CPT20-80

Volatile Organic Compounds by EPA Method 524.2

Analyte	Reanalysis / Extract	Result	Qualifiers / Comments	Quantitation Limit	Units	Batch	Prepared	Analyzed	Method
Dichlorodifluoromethane		ND	U	0.5	ug/L	B16H055	08/17/16	08/17/16	524.2
Chloromethane		ND	U	0.5	"	"	"	"	524.2
Vinyl chloride		ND	U	0.5	"	"	"	"	524.2
Bromomethane		ND	U	0.5	"	"	"	"	524.2
Chloroethane		ND	U	0.5	"	"	"	"	524.2
Trichlorofluoromethane		ND	U	0.5	"	"	"	"	524.2
1,1-Dichloroethene		0.3	C1, J	0.5	"	"	"	"	524.2
1,1,2-Trichloro-1,2,2-trifluoroethane		ND	U	0.5	"	"	"	"	524.2
Acetone		4.5		4	"	"	"	"	524.2
Dichloromethane		ND	U	0.5	"	"	"	"	524.2
trans-1,2-Dichloroethene		1.4		0.5	"	"	"	"	524.2
tert-Butyl methyl ether (MTBE)		ND	U	2	"	"	"	"	524.2
1,1-Dichloroethane		0.4	C1, J	0.5	"	"	"	"	524.2
2,2-Dichloropropane		ND	U	0.5	"	"	"	"	524.2
cis-1,2-Dichloroethene	RE1	61		2.5	"	B16H096	08/18/16	08/18/16	524.2
2-Butanone (MEK)		ND	U	4	"	B16H055	08/17/16	08/17/16	524.2
Bromochloromethane		ND	U	0.5	"	"	"	"	524.2
Chloroform		ND	U	0.5	"	"	"	"	524.2
1,1,1-Trichloroethane		ND	U	0.5	"	"	"	"	524.2
Carbon tetrachloride		ND	U	0.5	"	"	"	"	524.2
1,1-Dichloropropene		ND	U	0.5	"	"	"	"	524.2
Benzene		ND	U	0.5	"	"	"	"	524.2
1,2-Dichloroethane		ND	U	0.5	"	"	"	"	524.2
Trichloroethene		2.5		0.5	"	"	"	"	524.2
1,2-Dichloropropane		ND	U	0.5	"	"	"	"	524.2
Dibromomethane		ND	U	0.5	"	"	"	"	524.2
Bromodichloromethane		ND	U	0.5	"	"	"	"	524.2
cis-1,3-Dichloropropene		ND	U	0.5	"	"	"	"	524.2
Toluene		0.7		0.5	"	"	"	"	524.2
trans-1,3-Dichloropropene		ND	U	0.5	"	"	"	"	524.2
1,1,2-Trichloroethane		ND	U	0.5	"	"	"	"	524.2
Tetrachloroethene		ND	U	0.5	"	"	"	"	524.2
1,3-Dichloropropane		ND	U	0.5	"	"	"	"	524.2
Chlorodibromomethane		ND	U	0.5	"	"	"	"	524.2
1,2-Dibromoethane (EDB)		ND	U	0.5	"	"	"	"	524.2
Chlorobenzene		ND	U	0.5	"	"	"	"	524.2
1,1,1,2-Tetrachloroethane		ND	U	0.5	"	"	"	"	524.2

United States Environmental Protection Agency
Region 9 Laboratory
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Project Manager: Karen Jurist	**California Site Cleanup Section 3**	**SDG:** 16230A
Project Number: R16S79	**75 Hawthorne Street**	**Reported:** 09/09/16 07:49
Project: Jervis Webb August 2016 Sampling	**San Francisco CA, 94105**	

Sample Results

Analyte	Reanalysis / Extract	Result	Qualifiers / Comments	Quantitation Limit	Units	Batch	Prepared	Analyzed	Method
Lab ID: 1608029-05									**Water - Sampled: 08/16/16 11:40**
Sample ID: JW-CPT20-80									**Volatile Organic Compounds by EPA Method 524.2**
Ethylbenzene		ND	U	0.5	ug/L	B16H055	08/17/16	08/17/16	524.2
m&p-Xylene		ND	U	1	"	"	"	"	524.2
o-Xylene		ND	U	0.5	"	"	"	"	524.2
Styrene		ND	U	0.5	"	"	"	"	524.2
Bromoform		ND	U	0.5	"	"	"	"	524.2
Isopropylbenzene		ND	U	0.5	"	"	"	"	524.2
Bromobenzene		ND	U	0.5	"	"	"	"	524.2
1,1,2,2-Tetrachloroethane		ND	U	0.5	"	"	"	"	524.2
1,2,3-Trichloropropane		ND	U	0.5	"	"	"	"	524.2
Propylbenzene		ND	U	0.5	"	"	"	"	524.2
2-Chlorotoluene		ND	U	0.5	"	"	"	"	524.2
4-Chlorotoluene		ND	U	0.5	"	"	"	"	524.2
1,3,5-Trimethylbenzene		ND	U	0.5	"	"	"	"	524.2
tert-Butylbenzene		ND	U	0.5	"	"	"	"	524.2
1,2,4-Trimethylbenzene		ND	U	0.5	"	"	"	"	524.2
sec-Butylbenzene		ND	U	0.5	"	"	"	"	524.2
1,3-Dichlorobenzene		ND	U	0.5	"	"	"	"	524.2
p-Isopropyltoluene		ND	U	0.5	"	"	"	"	524.2
1,4-Dichlorobenzene		ND	U	0.5	"	"	"	"	524.2
1,2-Dichlorobenzene		ND	U	0.5	"	"	"	"	524.2
Butylbenzene		ND	U	0.5	"	"	"	"	524.2
1,2-Dibromo-3-chloropropane		ND	U	2	"	"	"	"	524.2
1,2,4-Trichlorobenzene		ND	U	0.5	"	"	"	"	524.2
Hexachlorobutadiene		ND	U	0.5	"	"	"	"	524.2
Naphthalene		ND	U	0.5	"	"	"	"	524.2
1,2,3-Trichlorobenzene		ND	U	0.5	"	"	"	"	524.2
Decanal		0.5	J, N TIC		"	"	"	"	524.2
Nonanal		6.3	J, N TIC		"	"	"	"	524.2
Octanal		0.7	J, N TIC		"	"	"	"	524.2
Surrogate: 1,2-Dichloroethane-d4			102 %	*65-149%*		"	"	"	
Surrogate: 1,2-Dichloroethane-d4	*RE1*		103 %	*65-149%*		*B16H096*	*08/18/16*	*08/18/16*	
Surrogate: Toluene-d8			94 %	*85-114%*		*B16H055*	*08/17/16*	*08/17/16*	
Surrogate: Toluene-d8	*RE1*		96 %	*85-114%*		*B16H096*	*08/18/16*	*08/18/16*	
Surrogate: 4-Bromofluorobenzene			96 %	*82-111%*		*B16H055*	*08/17/16*	*08/17/16*	
Surrogate: 4-Bromofluorobenzene	*RE1*		97 %	*82-111%*		*B16H096*	*08/18/16*	*08/18/16*	
Surrogate: 1,2-Dichlorobenzene-d4			108 %	*76-118%*		*B16H055*	*08/17/16*	*08/17/16*	
Surrogate: 1,2-Dichlorobenzene-d4	*RE1*		103 %	*76-118%*		*B16H096*	*08/18/16*	*08/18/16*	

United States Environmental Protection Agency
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Project Manager: Karen Jurist	**California Site Cleanup Section 3**	**SDG:** 16230A
Project Number: R16S79	**75 Hawthorne Street**	**Reported:** 09/09/16 07:49
Project: Jervis Webb August 2016 Sampling	**San Francisco CA, 94105**	

Sample Results

Analyte	Reanalysis / Extract	Result	Qualifiers / Comments	Quantitation Limit	Units	Batch	Prepared	Analyzed	Method
Lab ID: 1608029-05									**Water - Sampled: 08/16/16 11:40**
Sample ID: JW-CPT20-80									**Semivolatile Organic Compounds by EPA Method 8270D**
1,4-Dioxane		ND	U	1.9	ug/L	B16H098	08/18/16	08/30/16	8270D
Surrogate: 1,4-Dioxane-d8			*59 %*	*46-110%*		"	"	"	
Lab ID: 1608029-06									**Water - Sampled: 08/16/16 12:30**
Sample ID: JW-CPT20-100									**Volatile Organic Compounds by EPA Method 524.2**
Dichlorodifluoromethane		ND	U	0.5	ug/L	B16H055	08/17/16	08/17/16	524.2
Chloromethane		ND	U	0.5	"	"	"	"	524.2
Vinyl chloride		ND	U	0.5	"	"	"	"	524.2
Bromomethane		ND	U	0.5	"	"	"	"	524.2
Chloroethane		ND	U	0.5	"	"	"	"	524.2
Trichlorofluoromethane		ND	U	0.5	"	"	"	"	524.2
1,1-Dichloroethene		ND	U	0.5	"	"	"	"	524.2
1,1,2-Trichloro-1,2,2-trifluoroethane		ND	U	0.5	"	"	"	"	524.2
Acetone		2.9	C1, J	4	"	"	"	"	524.2
Dichloromethane		ND	U	0.5	"	"	"	"	524.2
trans-1,2-Dichloroethene		ND	U	0.5	"	"	"	"	524.2
tert-Butyl methyl ether (MTBE)		ND	U	2	"	"	"	"	524.2
1,1-Dichloroethane		ND	U	0.5	"	"	"	"	524.2
2,2-Dichloropropane		ND	U	0.5	"	"	"	"	524.2
cis-1,2-Dichloroethene		13		0.5	"	"	"	"	524.2
2-Butanone (MEK)		ND	U	4	"	"	"	"	524.2
Bromochloromethane		ND	U	0.5	"	"	"	"	524.2
Chloroform		ND	U	0.5	"	"	"	"	524.2
1,1,1-Trichloroethane		ND	U	0.5	"	"	"	"	524.2
Carbon tetrachloride		ND	U	0.5	"	"	"	"	524.2
1,1-Dichloropropene		ND	U	0.5	"	"	"	"	524.2
Benzene		ND	U	0.5	"	"	"	"	524.2
1,2-Dichloroethane		1.9		0.5	"	"	"	"	524.2
Trichloroethene		1.5		0.5	"	"	"	"	524.2
1,2-Dichloropropane		ND	U	0.5	"	"	"	"	524.2
Dibromomethane		ND	U	0.5	"	"	"	"	524.2
Bromodichloromethane		ND	U	0.5	"	"	"	"	524.2
cis-1,3-Dichloropropene		ND	U	0.5	"	"	"	"	524.2
Toluene		ND	U	0.5	"	"	"	"	524.2
trans-1,3-Dichloropropene		ND	U	0.5	"	"	"	"	524.2
1,1,2-Trichloroethane		ND	U	0.5	"	"	"	"	524.2
Tetrachloroethene		ND	U	0.5	"	"	"	"	524.2

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Project Manager: Karen Jurist	**California Site Cleanup Section 3**	**SDG:** 16230A
Project Number: R16S79	**75 Hawthorne Street**	**Reported:** 09/09/16 07:49
Project: Jervis Webb August 2016 Sampling	**San Francisco CA, 94105**	

Sample Results

Lab ID: 1608029-06 — **Water - Sampled: 08/16/16 12:30**

Sample ID: JW-CPT20-100 — **Volatile Organic Compounds by EPA Method 524.2**

Analyte	Reanalysis / Extract	Result	Qualifiers / Comments	Quantitation Limit	Units	Batch	Prepared	Analyzed	Method
1,3-Dichloropropane		ND	U	0.5	ug/L	B16H055	08/17/16	08/17/16	524.2
Chlorodibromomethane		ND	U	0.5	"	"	"	"	524.2
1,2-Dibromoethane (EDB)		ND	U	0.5	"	"	"	"	524.2
Chlorobenzene		ND	U	0.5	"	"	"	"	524.2
1,1,1,2-Tetrachloroethane		ND	U	0.5	"	"	"	"	524.2
Ethylbenzene		ND	U	0.5	"	"	"	"	524.2
m&p-Xylene		ND	U	1	"	"	"	"	524.2
o-Xylene		ND	U	0.5	"	"	"	"	524.2
Styrene		ND	U	0.5	"	"	"	"	524.2
Bromoform		ND	U	0.5	"	"	"	"	524.2
Isopropylbenzene		ND	U	0.5	"	"	"	"	524.2
Bromobenzene		ND	U	0.5	"	"	"	"	524.2
1,1,2,2-Tetrachloroethane		ND	U	0.5	"	"	"	"	524.2
1,2,3-Trichloropropane		ND	U	0.5	"	"	"	"	524.2
Propylbenzene		ND	U	0.5	"	"	"	"	524.2
2-Chlorotoluene		ND	U	0.5	"	"	"	"	524.2
4-Chlorotoluene		ND	U	0.5	"	"	"	"	524.2
1,3,5-Trimethylbenzene		ND	U	0.5	"	"	"	"	524.2
tert-Butylbenzene		ND	U	0.5	"	"	"	"	524.2
1,2,4-Trimethylbenzene		ND	U	0.5	"	"	"	"	524.2
sec-Butylbenzene		ND	U	0.5	"	"	"	"	524.2
1,3-Dichlorobenzene		ND	U	0.5	"	"	"	"	524.2
p-Isopropyltoluene		ND	U	0.5	"	"	"	"	524.2
1,4-Dichlorobenzene		ND	U	0.5	"	"	"	"	524.2
1,2-Dichlorobenzene		ND	U	0.5	"	"	"	"	524.2
Butylbenzene		ND	U	0.5	"	"	"	"	524.2
1,2-Dibromo-3-chloropropane		ND	U	2	"	"	"	"	524.2
1,2,4-Trichlorobenzene		ND	U	0.5	"	"	"	"	524.2
Hexachlorobutadiene		ND	U	0.5	"	"	"	"	524.2
Naphthalene		ND	U	0.5	"	"	"	"	524.2
1,2,3-Trichlorobenzene		ND	U	0.5	"	"	"	"	524.2
Cyclopentane		0.8	J, N TIC		"	"	"	"	524.2
Dodecanal		1.3	J, N TIC		"	"	"	"	524.2
Isobutane		1.2	J, N TIC		"	"	"	"	524.2
Nonanal		1.0	J, N TIC		"	"	"	"	524.2
Surrogate: 1,2-Dichloroethane-d4			104 %	*65-149%*		"	"	"	

United States Environmental Protection Agency
Region 9 Laboratory
1337 S. 46th Street, Building 201, Richmond, CA 94804
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Project Manager: Karen Jurist	**California Site Cleanup Section 3**	**SDG:** 16230A
Project Number: R16S79	**75 Hawthorne Street**	**Reported:** 09/09/16 07:49
Project: Jervis Webb August 2016 Sampling	**San Francisco CA, 94105**	

Sample Results

Analyte	Reanalysis / Extract	Result	Qualifiers / Comments	Quantitation Limit	Units	Batch	Prepared	Analyzed	Method
Lab ID: 1608029-06									**Water - Sampled: 08/16/16 12:30**
Sample ID: JW-CPT20-100									**Volatile Organic Compounds by EPA Method 524.2**
Surrogate: Toluene-d8			95 %	*85-114%*		*B16H055*	*08/17/16*	*08/17/16*	
Surrogate: 4-Bromofluorobenzene			95 %	*82-111%*		"	"	"	
Surrogate: 1,2-Dichlorobenzene-d4			104 %	*76-118%*		"	"	"	
Sample ID: JW-CPT20-100									**Semivolatile Organic Compounds by EPA Method 8270D**
1,4-Dioxane		ND	U	1.9	"	B16H098	08/18/16	08/30/16	8270D
Surrogate: 1,4-Dioxane-d8			62 %	*46-110%*		"	"	"	
Lab ID: 1608029-07									**Water - Sampled: 08/16/16 13:00**
Sample ID: JW-CPT20-120									**Volatile Organic Compounds by EPA Method 524.2**
Dichlorodifluoromethane		ND	U	0.5	ug/L	B16H055	08/17/16	08/17/16	524.2
Chloromethane		ND	U	0.5	"	"	"	"	524.2
Vinyl chloride		ND	U	0.5	"	"	"	"	524.2
Bromomethane		ND	U	0.5	"	"	"	"	524.2
Chloroethane		ND	U	0.5	"	"	"	"	524.2
Trichlorofluoromethane		ND	U	0.5	"	"	"	"	524.2
1,1-Dichloroethene		ND	U	0.5	"	"	"	"	524.2
1,1,2-Trichloro-1,2,2-trifluoroethane		ND	U	0.5	"	"	"	"	524.2
Acetone		4.4		4	"	"	"	"	524.2
Dichloromethane		ND	U	0.5	"	"	"	"	524.2
trans-1,2-Dichloroethene		ND	U	0.5	"	"	"	"	524.2
tert-Butyl methyl ether (MTBE)		ND	U	2	"	"	"	"	524.2
1,1-Dichloroethane		ND	U	0.5	"	"	"	"	524.2
2,2-Dichloropropane		ND	U	0.5	"	"	"	"	524.2
cis-1,2-Dichloroethene		5.3		0.5	"	"	"	"	524.2
2-Butanone (MEK)		ND	U	4	"	"	"	"	524.2
Bromochloromethane		ND	U	0.5	"	"	"	"	524.2
Chloroform		ND	U	0.5	"	"	"	"	524.2
1,1,1-Trichloroethane		ND	U	0.5	"	"	"	"	524.2
Carbon tetrachloride		ND	U	0.5	"	"	"	"	524.2
1,1-Dichloropropene		ND	U	0.5	"	"	"	"	524.2
Benzene		ND	U	0.5	"	"	"	"	524.2
1,2-Dichloroethane		ND	U	0.5	"	"	"	"	524.2
Trichloroethene		1.4		0.5	"	"	"	"	524.2
1,2-Dichloropropane		ND	U	0.5	"	"	"	"	524.2
Dibromomethane		ND	U	0.5	"	"	"	"	524.2
Bromodichloromethane		ND	U	0.5	"	"	"	"	524.2
cis-1,3-Dichloropropene		ND	U	0.5	"	"	"	"	524.2
Toluene		ND	U	0.5	"	"	"	"	524.2

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Project Manager: Karen Jurist	**California Site Cleanup Section 3**	**SDG:** 16230A
Project Number: R16S79	**75 Hawthorne Street**	**Reported:** 09/09/16 07:49
Project: Jervis Webb August 2016 Sampling	**San Francisco CA, 94105**	

Sample Results

Analyte	Reanalysis / Extract	Result	Qualifiers / Comments	Quantitation Limit	Units	Batch	Prepared	Analyzed	Method
Lab ID: 1608029-07									**Water - Sampled: 08/16/16 13:00**
Sample ID: JW-CPT20-120									**Volatile Organic Compounds by EPA Method 524.2**
trans-1,3-Dichloropropene		ND	U	0.5	ug/L	B16H055	08/17/16	08/17/16	524.2
1,1,2-Trichloroethane		ND	U	0.5	"	"	"	"	524.2
Tetrachloroethene		ND	U	0.5	"	"	"	"	524.2
1,3-Dichloropropane		ND	U	0.5	"	"	"	"	524.2
Chlorodibromomethane		ND	U	0.5	"	"	"	"	524.2
1,2-Dibromoethane (EDB)		ND	U	0.5	"	"	"	"	524.2
Chlorobenzene		ND	U	0.5	"	"	"	"	524.2
1,1,1,2-Tetrachloroethane		ND	U	0.5	"	"	"	"	524.2
Ethylbenzene		ND	U	0.5	"	"	"	"	524.2
m&p-Xylene		ND	U	1	"	"	"	"	524.2
o-Xylene		ND	U	0.5	"	"	"	"	524.2
Styrene		ND	U	0.5	"	"	"	"	524.2
Bromoform		ND	U	0.5	"	"	"	"	524.2
Isopropylbenzene		ND	U	0.5	"	"	"	"	524.2
Bromobenzene		ND	U	0.5	"	"	"	"	524.2
1,1,2,2-Tetrachloroethane		ND	U	0.5	"	"	"	"	524.2
1,2,3-Trichloropropane		ND	U	0.5	"	"	"	"	524.2
Propylbenzene		ND	U	0.5	"	"	"	"	524.2
2-Chlorotoluene		ND	U	0.5	"	"	"	"	524.2
4-Chlorotoluene		ND	U	0.5	"	"	"	"	524.2
1,3,5-Trimethylbenzene		ND	U	0.5	"	"	"	"	524.2
tert-Butylbenzene		ND	U	0.5	"	"	"	"	524.2
1,2,4-Trimethylbenzene		ND	U	0.5	"	"	"	"	524.2
sec-Butylbenzene		ND	U	0.5	"	"	"	"	524.2
1,3-Dichlorobenzene		ND	U	0.5	"	"	"	"	524.2
p-Isopropyltoluene		ND	U	0.5	"	"	"	"	524.2
1,4-Dichlorobenzene		ND	U	0.5	"	"	"	"	524.2
1,2-Dichlorobenzene		ND	U	0.5	"	"	"	"	524.2
Butylbenzene		ND	U	0.5	"	"	"	"	524.2
1,2-Dibromo-3-chloropropane		ND	U	2	"	"	"	"	524.2
1,2,4-Trichlorobenzene		ND	U	0.5	"	"	"	"	524.2
Hexachlorobutadiene		ND	U	0.5	"	"	"	"	524.2
Naphthalene		ND	U	0.5	"	"	"	"	524.2
1,2,3-Trichlorobenzene		ND	U	0.5	"	"	"	"	524.2
Decanal		0.7	J, N TIC		"	"	"	"	524.2
Dodecanal		2.6	J, N TIC		"	"	"	"	524.2
Nonanal		1.5	J, N TIC		"	"	"	"	524.2

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Project Manager: Karen Jurist	**California Site Cleanup Section 3**	**SDG:** 16230A
Project Number: R16S79	**75 Hawthorne Street**	**Reported:** 09/09/16 07:49
Project: Jervis Webb August 2016 Sampling	**San Francisco CA, 94105**	

Sample Results

Analyte	Reanalysis / Extract	Result	Qualifiers / Comments	Quantitation Limit	Units	Batch	Prepared	Analyzed	Method
Lab ID: 1608029-07									**Water - Sampled: 08/16/16 13:00**
Sample ID: JW-CPT20-120									**Volatile Organic Compounds by EPA Method 524.2**
unknown		1.1	J, N TIC		ug/L	B16H055	08/17/16	08/17/16	524.2
Surrogate: 1,2-Dichloroethane-d4			102 %	*65-149%*		"	"	"	
Surrogate: Toluene-d8			95 %	*85-114%*		"	"	"	
Surrogate: 4-Bromofluorobenzene			97 %	*82-111%*		"	"	"	
Surrogate: 1,2-Dichlorobenzene-d4			108 %	*76-118%*		"	"	"	
Sample ID: JW-CPT20-120									**Semivolatile Organic Compounds by EPA Method 8270D**
1,4-Dioxane		ND	J, Q7, U	1	"	B16H098	08/18/16	08/30/16	8270D
Surrogate: 1,4-Dioxane-d8			**44 %**	*46-110%*		"	"	"	
Lab ID: 1608029-08									**Water - Sampled: 08/16/16 13:10**
Sample ID: JW-CPT20-121									**Volatile Organic Compounds by EPA Method 524.2**
Dichlorodifluoromethane		ND	U	0.5	ug/L	B16H055	08/17/16	08/17/16	524.2
Chloromethane		0.4	C1, J	0.5	"	"	"	"	524.2
Vinyl chloride		ND	U	0.5	"	"	"	"	524.2
Bromomethane		ND	U	0.5	"	"	"	"	524.2
Chloroethane		ND	U	0.5	"	"	"	"	524.2
Trichlorofluoromethane		ND	U	0.5	"	"	"	"	524.2
1,1-Dichloroethene		ND	U	0.5	"	"	"	"	524.2
1,1,2-Trichloro-1,2,2-trifluoroethane		ND	U	0.5	"	"	"	"	524.2
Acetone		5.6		4	"	"	"	"	524.2
Dichloromethane		ND	U	0.5	"	"	"	"	524.2
trans-1,2-Dichloroethene		ND	U	0.5	"	"	"	"	524.2
tert-Butyl methyl ether (MTBE)		ND	U	2	"	"	"	"	524.2
1,1-Dichloroethane		ND	U	0.5	"	"	"	"	524.2
2,2-Dichloropropane		ND	U	0.5	"	"	"	"	524.2
cis-1,2-Dichloroethene		5.3		0.5	"	"	"	"	524.2
2-Butanone (MEK)		ND	U	4	"	"	"	"	524.2
Bromochloromethane		ND	U	0.5	"	"	"	"	524.2
Chloroform		ND	U	0.5	"	"	"	"	524.2
1,1,1-Trichloroethane		ND	U	0.5	"	"	"	"	524.2
Carbon tetrachloride		ND	U	0.5	"	"	"	"	524.2
1,1-Dichloropropene		ND	U	0.5	"	"	"	"	524.2
Benzene		ND	U	0.5	"	"	"	"	524.2
1,2-Dichloroethane		ND	U	0.5	"	"	"	"	524.2
Trichloroethene		1.4		0.5	"	"	"	"	524.2
1,2-Dichloropropane		ND	U	0.5	"	"	"	"	524.2
Dibromomethane		ND	U	0.5	"	"	"	"	524.2
Bromodichloromethane		ND	U	0.5	"	"	"	"	524.2

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Project Manager: Karen Jurist	**California Site Cleanup Section 3**	**SDG:** 16230A
Project Number: R16S79	**75 Hawthorne Street**	**Reported:** 09/09/16 07:49
Project: Jervis Webb August 2016 Sampling	**San Francisco CA, 94105**	

Sample Results

Lab ID: 1608029-08 — **Water - Sampled: 08/16/16 13:10**

Sample ID: JW-CPT20-121 — **Volatile Organic Compounds by EPA Method 524.2**

Analyte	Reanalysis / Extract	Result	Qualifiers / Comments	Quantitation Limit	Units	Batch	Prepared	Analyzed	Method
cis-1,3-Dichloropropene		ND	U	0.5	ug/L	B16H055	08/17/16	08/17/16	524.2
Toluene		ND	U	0.5	"	"	"	"	524.2
trans-1,3-Dichloropropene		ND	U	0.5	"	"	"	"	524.2
1,1,2-Trichloroethane		ND	U	0.5	"	"	"	"	524.2
Tetrachloroethene		ND	U	0.5	"	"	"	"	524.2
1,3-Dichloropropane		ND	U	0.5	"	"	"	"	524.2
Chlorodibromomethane		ND	U	0.5	"	"	"	"	524.2
1,2-Dibromoethane (EDB)		ND	U	0.5	"	"	"	"	524.2
Chlorobenzene		ND	U	0.5	"	"	"	"	524.2
1,1,1,2-Tetrachloroethane		ND	U	0.5	"	"	"	"	524.2
Ethylbenzene		ND	U	0.5	"	"	"	"	524.2
m&p-Xylene		ND	U	1	"	"	"	"	524.2
o-Xylene		ND	U	0.5	"	"	"	"	524.2
Styrene		ND	U	0.5	"	"	"	"	524.2
Bromoform		ND	U	0.5	"	"	"	"	524.2
Isopropylbenzene		ND	U	0.5	"	"	"	"	524.2
Bromobenzene		ND	U	0.5	"	"	"	"	524.2
1,1,2,2-Tetrachloroethane		ND	U	0.5	"	"	"	"	524.2
1,2,3-Trichloropropane		ND	U	0.5	"	"	"	"	524.2
Propylbenzene		ND	U	0.5	"	"	"	"	524.2
2-Chlorotoluene		ND	U	0.5	"	"	"	"	524.2
4-Chlorotoluene		ND	U	0.5	"	"	"	"	524.2
1,3,5-Trimethylbenzene		ND	U	0.5	"	"	"	"	524.2
tert-Butylbenzene		ND	U	0.5	"	"	"	"	524.2
1,2,4-Trimethylbenzene		ND	U	0.5	"	"	"	"	524.2
sec-Butylbenzene		ND	U	0.5	"	"	"	"	524.2
1,3-Dichlorobenzene		ND	U	0.5	"	"	"	"	524.2
p-Isopropyltoluene		ND	U	0.5	"	"	"	"	524.2
1,4-Dichlorobenzene		ND	U	0.5	"	"	"	"	524.2
1,2-Dichlorobenzene		ND	U	0.5	"	"	"	"	524.2
Butylbenzene		ND	U	0.5	"	"	"	"	524.2
1,2-Dibromo-3-chloropropane		ND	U	2	"	"	"	"	524.2
1,2,4-Trichlorobenzene		ND	U	0.5	"	"	"	"	524.2
Hexachlorobutadiene		ND	U	0.5	"	"	"	"	524.2
Naphthalene		ND	U	0.5	"	"	"	"	524.2
1,2,3-Trichlorobenzene		ND	U	0.5	"	"	"	"	524.2

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Project Manager: Karen Jurist	**California Site Cleanup Section 3**	**SDG:** 16230A
Project Number: R16S79	**75 Hawthorne Street**	**Reported:** 09/09/16 07:49
Project: Jervis Webb August 2016 Sampling	**San Francisco CA, 94105**	

Sample Results

Analyte	Reanalysis / Extract	Result	Qualifiers / Comments	Quantitation Limit	Units	Batch	Prepared	Analyzed	Method
Lab ID: 1608029-08									**Water - Sampled: 08/16/16 13:10**
Sample ID: JW-CPT20-121									**Volatile Organic Compounds by EPA Method 524.2**
Decanal		0.8	J, N TIC		ug/L	B16H055	08/17/16	08/17/16	524.2
Dodecanal		3.2	J, N TIC		"	"	"	"	524.2
Hexanol, ethyl		0.8	N TIC, J		"	"	"	"	524.2
Nonanal		1.6	J, N TIC		"	"	"	"	524.2
unknown		0.8	J, N TIC		"	"	"	"	524.2
unknown (01)		0.8	J, N TIC		"	"	"	"	524.2
Surrogate: 1,2-Dichloroethane-d4			103 %	*65-149%*		"	"	"	
Surrogate: Toluene-d8			96 %	*85-114%*		"	"	"	
Surrogate: 4-Bromofluorobenzene			99 %	*82-111%*		"	"	"	
Surrogate: 1,2-Dichlorobenzene-d4			113 %	*76-118%*		"	"	"	
Sample ID: JW-CPT20-121									**Semivolatile Organic Compounds by EPA Method 8270D**
1,4-Dioxane		ND	U	2	"	B16H098	08/18/16	08/30/16	8270D
Surrogate: 1,4-Dioxane-d8			57 %	*46-110%*		"	"	"	
Lab ID: 1608029-09									**Water - Sampled: 08/16/16 13:30**
Sample ID: JW-EL01-0816									**Volatile Organic Compounds by EPA Method 524.2**
Dichlorodifluoromethane		ND	U	0.5	ug/L	B16H055	08/17/16	08/17/16	524.2
Chloromethane		ND	U	0.5	"	"	"	"	524.2
Vinyl chloride		ND	U	0.5	"	"	"	"	524.2
Bromomethane		ND	U	0.5	"	"	"	"	524.2
Chloroethane		ND	U	0.5	"	"	"	"	524.2
Trichlorofluoromethane		ND	U	0.5	"	"	"	"	524.2
1,1-Dichloroethene		ND	U	0.5	"	"	"	"	524.2
1,1,2-Trichloro-1,2,2-trifluoroethane		ND	U	0.5	"	"	"	"	524.2
Acetone		3.8	C1, J	4	"	"	"	"	524.2
Dichloromethane		ND	U	0.5	"	"	"	"	524.2
trans-1,2-Dichloroethene		ND	U	0.5	"	"	"	"	524.2
tert-Butyl methyl ether (MTBE)		ND	U	2	"	"	"	"	524.2
1,1-Dichloroethane		ND	U	0.5	"	"	"	"	524.2
2,2-Dichloropropane		ND	U	0.5	"	"	"	"	524.2
cis-1,2-Dichloroethene		ND	U	0.5	"	"	"	"	524.2
2-Butanone (MEK)		ND	U	4	"	"	"	"	524.2
Bromochloromethane		ND	U	0.5	"	"	"	"	524.2
Chloroform		ND	U	0.5	"	"	"	"	524.2
1,1,1-Trichloroethane		ND	U	0.5	"	"	"	"	524.2
Carbon tetrachloride		ND	U	0.5	"	"	"	"	524.2
1,1-Dichloropropene		ND	U	0.5	"	"	"	"	524.2
Benzene		ND	U	0.5	"	"	"	"	524.2

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Project Manager: Karen Jurist	**California Site Cleanup Section 3**	**SDG:** 16230A
Project Number: R16S79	**75 Hawthorne Street**	**Reported:** 09/09/16 07:49
Project: Jervis Webb August 2016 Sampling	**San Francisco CA, 94105**	

Sample Results

Analyte	Reanalysis / Extract	Result	Qualifiers / Comments	Quantitation Limit	Units	Batch	Prepared	Analyzed	Method
Lab ID: 1608029-09									**Water - Sampled: 08/16/16 13:30**
Sample ID: JW-EL01-0816									**Volatile Organic Compounds by EPA Method 524.2**
1,2-Dichloroethane		ND	U	0.5	ug/L	B16H055	08/17/16	08/17/16	524.2
Trichloroethene		ND	U	0.5	"	"	"	"	524.2
1,2-Dichloropropane		ND	U	0.5	"	"	"	"	524.2
Dibromomethane		ND	U	0.5	"	"	"	"	524.2
Bromodichloromethane		ND	U	0.5	"	"	"	"	524.2
cis-1,3-Dichloropropene		ND	U	0.5	"	"	"	"	524.2
Toluene		ND	U	0.5	"	"	"	"	524.2
trans-1,3-Dichloropropene		ND	U	0.5	"	"	"	"	524.2
1,1,2-Trichloroethane		ND	U	0.5	"	"	"	"	524.2
Tetrachloroethene		ND	U	0.5	"	"	"	"	524.2
1,3-Dichloropropane		ND	U	0.5	"	"	"	"	524.2
Chlorodibromomethane		ND	U	0.5	"	"	"	"	524.2
1,2-Dibromoethane (EDB)		ND	U	0.5	"	"	"	"	524.2
Chlorobenzene		ND	U	0.5	"	"	"	"	524.2
1,1,1,2-Tetrachloroethane		ND	U	0.5	"	"	"	"	524.2
Ethylbenzene		ND	U	0.5	"	"	"	"	524.2
m&p-Xylene		ND	U	1	"	"	"	"	524.2
o-Xylene		ND	U	0.5	"	"	"	"	524.2
Styrene		ND	U	0.5	"	"	"	"	524.2
Bromoform		ND	U	0.5	"	"	"	"	524.2
Isopropylbenzene		ND	U	0.5	"	"	"	"	524.2
Bromobenzene		ND	U	0.5	"	"	"	"	524.2
1,1,2,2-Tetrachloroethane		ND	U	0.5	"	"	"	"	524.2
1,2,3-Trichloropropane		ND	U	0.5	"	"	"	"	524.2
Propylbenzene		ND	U	0.5	"	"	"	"	524.2
2-Chlorotoluene		ND	U	0.5	"	"	"	"	524.2
4-Chlorotoluene		ND	U	0.5	"	"	"	"	524.2
1,3,5-Trimethylbenzene		ND	U	0.5	"	"	"	"	524.2
tert-Butylbenzene		ND	U	0.5	"	"	"	"	524.2
1,2,4-Trimethylbenzene		ND	U	0.5	"	"	"	"	524.2
sec-Butylbenzene		ND	U	0.5	"	"	"	"	524.2
1,3-Dichlorobenzene		ND	U	0.5	"	"	"	"	524.2
p-Isopropyltoluene		ND	U	0.5	"	"	"	"	524.2
1,4-Dichlorobenzene		ND	U	0.5	"	"	"	"	524.2
1,2-Dichlorobenzene		ND	U	0.5	"	"	"	"	524.2
Butylbenzene		ND	U	0.5	"	"	"	"	524.2

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Project Manager: Karen Jurist	**California Site Cleanup Section 3**	**SDG:** 16230A
Project Number: R16S79	**75 Hawthorne Street**	**Reported:** 09/09/16 07:49
Project: Jervis Webb August 2016 Sampling	**San Francisco CA, 94105**	

Sample Results

Analyte	Reanalysis / Extract	Result	Qualifiers / Comments	Quantitation Limit	Units	Batch	Prepared	Analyzed	Method
Lab ID: 1608029-09									**Water - Sampled: 08/16/16 13:30**
Sample ID: JW-EL01-0816									**Volatile Organic Compounds by EPA Method 524.2**
1,2-Dibromo-3-chloropropane		ND	U	2	ug/L	B16H055	08/17/16	08/17/16	524.2
1,2,4-Trichlorobenzene		ND	U	0.5	"	"	"	"	524.2
Hexachlorobutadiene		ND	U	0.5	"	"	"	"	524.2
Naphthalene		ND	U	0.5	"	"	"	"	524.2
1,2,3-Trichlorobenzene		ND	U	0.5	"	"	"	"	524.2
Surrogate: 1,2-Dichloroethane-d4			105 %	*65-149%*		"	"	"	
Surrogate: Toluene-d8			96 %	*85-114%*		"	"	"	
Surrogate: 4-Bromofluorobenzene			96 %	*82-111%*		"	"	"	
Surrogate: 1,2-Dichlorobenzene-d4			100 %	*76-118%*		"	"	"	
Sample ID: JW-EL01-0816									**Semivolatile Organic Compounds by EPA Method 8270D**
1,4-Dioxane		ND	U	0.9	"	B16H098	08/18/16	08/30/16	8270D
Surrogate: 1,4-Dioxane-d8			70 %	*46-110%*		"	"	"	

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Project Number: R16S79	**75 Hawthorne Street**	**Reported:** 09/09/16 07:49
Project: Jervis Webb August 2016 Sampling	**San Francisco CA, 94105**	

Quality Control

Batch B16H055 - 5030 P&T VOA - VOCs — **Prepared & Analyzed: 08/17/16**

Volatile Organic Compounds by EPA Method 524.2 - Quality Control

Analyte	Result	Qualifiers / Comments	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Blank (B16H055-BLK1)										
Dichlorodifluoromethane	ND	U	0.5	ug/L						
Chloromethane	ND	U	0.5	"						
Vinyl chloride	ND	U	0.5	"						
Bromomethane	ND	U	0.5	"						
Chloroethane	ND	U	0.5	"						
Trichlorofluoromethane	ND	U	0.5	"						
1,1-Dichloroethene	ND	U	0.5	"						
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	U	0.5	"						
Acetone	ND	U	4	"						
Dichloromethane	ND	U	0.5	"						
trans-1,2-Dichloroethene	ND	U	0.5	"						
tert-Butyl methyl ether (MTBE)	ND	U	2	"						
1,1-Dichloroethane	ND	U	0.5	"						
2,2-Dichloropropane	ND	U	0.5	"						
cis-1,2-Dichloroethene	ND	U	0.5	"						
2-Butanone (MEK)	ND	U	4	"						
Bromochloromethane	ND	U	0.5	"						
Chloroform	ND	U	0.5	"						
1,1,1-Trichloroethane	ND	U	0.5	"						
Carbon tetrachloride	ND	U	0.5	"						
1,1-Dichloropropene	ND	U	0.5	"						
Benzene	ND	U	0.5	"						
1,2-Dichloroethane	ND	U	0.5	"						
Trichloroethene	ND	U	0.5	"						
1,2-Dichloropropane	ND	U	0.5	"						
Dibromomethane	ND	U	0.5	"						
Bromodichloromethane	ND	U	0.5	"						
cis-1,3-Dichloropropene	ND	U	0.5	"						
Toluene	ND	U	0.5	"						
trans-1,3-Dichloropropene	ND	U	0.5	"						
1,1,2-Trichloroethane	ND	U	0.5	"						
Tetrachloroethene	ND	U	0.5	"						
1,3-Dichloropropane	ND	U	0.5	"						
Chlorodibromomethane	ND	U	0.5	"						
1,2-Dibromoethane (EDB)	ND	U	0.5	"						
Chlorobenzene	ND	U	0.5	"						
1,1,1,2-Tetrachloroethane	ND	U	0.5	"						
Ethylbenzene	ND	U	0.5	"						
m&p-Xylene	ND	U	1	"						
o-Xylene	ND	U	0.5	"						
Styrene	ND	U	0.5	"						
Bromoform	ND	U	0.5	"						

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Project Manager: Karen Jurist	**California Site Cleanup Section 3**	**SDG:** 16230A
Project Number: R16S79	**75 Hawthorne Street**	**Reported:** 09/09/16 07:49
Project: Jervis Webb August 2016 Sampling	**San Francisco CA, 94105**	

Quality Control

Analyte	Result	Qualifiers / Comments	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B16H055 - 5030 P&T VOA - VOCs										**Prepared & Analyzed: 08/17/16**
										Volatile Organic Compounds by EPA Method 524.2 - Quality Control
Blank (B16H055-BLK1)										
Isopropylbenzene	ND	U	0.5	"						
Bromobenzene	ND	U	0.5	"						
1,1,2,2-Tetrachloroethane	ND	U	0.5	"						
1,2,3-Trichloropropane	ND	U	0.5	"						
Propylbenzene	ND	U	0.5	"						
2-Chlorotoluene	ND	U	0.5	"						
4-Chlorotoluene	ND	U	0.5	"						
1,3,5-Trimethylbenzene	ND	U	0.5	"						
tert-Butylbenzene	ND	U	0.5	"						
1,2,4-Trimethylbenzene	ND	U	0.5	"						
sec-Butylbenzene	ND	U	0.5	"						
1,3-Dichlorobenzene	ND	U	0.5	"						
p-Isopropyltoluene	ND	U	0.5	"						
1,4-Dichlorobenzene	ND	U	0.5	"						
1,2-Dichlorobenzene	ND	U	0.5	"						
Butylbenzene	ND	U	0.5	"						
1,2-Dibromo-3-chloropropane	ND	U	2	"						
1,2,4-Trichlorobenzene	ND	U	0.5	"						
Hexachlorobutadiene	ND	U	0.5	"						
Naphthalene	ND	U	0.5	"						
1,2,3-Trichlorobenzene	ND	U	0.5	"						
Surrogate: 1,2-Dichloroethane-d4	*5.20*			*"*	*5.00*		104	*65-149*		
Surrogate: Toluene-d8	*4.70*			*"*	*5.00*		94	*85-114*		
Surrogate: 4-Bromofluorobenzene	*4.84*			*"*	*5.00*		97	*82-111*		
Surrogate: 1,2-Dichlorobenzene-d4	*5.10*			*"*	*5.00*		102	*76-118*		
LCS (B16H055-BS1)										
Dichlorodifluoromethane	6.6		0.5	ug/L	5.00		132	53-153		200
Chloromethane	5.66		0.5	"	5.00		113	70-124		200
Vinyl chloride	5.45		0.5	"	5.00		109	70-130		200
Bromomethane	5.44		0.5	"	5.00		109	58-172		200
Chloroethane	5.17		0.5	"	5.00		103	75-135		200
Trichlorofluoromethane	5.46		0.5	"	5.00		109	74-141		200
1,1-Dichloroethene	5.04		0.5	"	5.00		101	70-130		200
1,1,2-Trichloro-1,2,2-trifluoroethane	5.23		0.5	"	5.00		105	73-139		200
Acetone	33.7		4	"	40.0		84	60-125		200
Dichloromethane	4.88		0.5	"	5.00		98	70-130		200
trans-1,2-Dichloroethene	5.16		0.5	"	5.00		103	70-130		200
tert-Butyl methyl ether (MTBE)	18.6		2	"	20.0		93	74-127		200
1,1-Dichloroethane	5.07		0.5	"	5.00		101	85-117		200
2,2-Dichloropropane	5.17		0.5	"	5.00		103	61-163		200

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Project Manager: Karen Jurist	**California Site Cleanup Section 3**	**SDG:** 16230A
Project Number: R16S79	**75 Hawthorne Street**	**Reported:** 09/09/16 07:49
Project: Jervis Webb August 2016 Sampling	**San Francisco CA, 94105**	

Quality Control

Batch B16H055 - 5030 P&T VOA - VOCs — **Prepared & Analyzed: 08/17/16**

Volatile Organic Compounds by EPA Method 524.2 - Quality Control

Analyte	Result	Qualifiers / Comments	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
LCS (B16H055-BS1)										
cis-1,2-Dichloroethene	5.02		0.5	"	5.00		100	70-130		200
2-Butanone (MEK)	34.1		4	"	40.0		85	67-123		200
Bromochloromethane	4.92		0.5	"	5.00		98	84-114		200
Chloroform	4.99		0.5	"	5.00		100	70-130		200
1,1,1-Trichloroethane	5.03		0.5	"	5.00		101	70-130		200
Carbon tetrachloride	5.08		0.5	"	5.00		102	70-130		200
1,1-Dichloropropene	5.1		0.5	"	5.00		102	88-120		200
Benzene	4.96		0.5	"	5.00		99	70-130		200
1,2-Dichloroethane	4.78		0.5	"	5.00		96	70-130		200
Trichloroethene	4.98		0.5	"	5.00		100	70-130		200
1,2-Dichloropropane	4.8		0.5	"	5.00		96	70-130		200
Dibromomethane	4.84		0.5	"	5.00		97	79-118		200
Bromodichloromethane	4.92		0.5	"	5.00		98	70-130		200
cis-1,3-Dichloropropene	4.86		0.5	"	5.00		97	79-127		200
Toluene	4.92		0.5	"	5.00		98	70-130		200
trans-1,3-Dichloropropene	4.86		0.5	"	5.00		97	75-135		200
1,1,2-Trichloroethane	4.88		0.5	"	5.00		98	70-130		200
Tetrachloroethene	4.99		0.5	"	5.00		100	70-130		200
1,3-Dichloropropane	4.9		0.5	"	5.00		98	82-116		200
Chlorodibromomethane	5.03		0.5	"	5.00		101	70-130		200
1,2-Dibromoethane (EDB)	4.69		0.5	"	5.00		94	85-114		200
Chlorobenzene	4.91		0.5	"	5.00		98	70-130		200
1,1,1,2-Tetrachloroethane	4.68		0.5	"	5.00		94	86-122		200
Ethylbenzene	4.92		0.5	"	5.00		98	70-130		200
m&p-Xylene	10.1		1	"	10.0		101	70-130		200
o-Xylene	4.91		0.5	"	5.00		98	70-130		200
Styrene	5.02		0.5	"	5.00		100	70-130		200
Bromoform	5.3		0.5	"	5.00		106	70-130		200
Isopropylbenzene	5.06		0.5	"	5.00		101	90-118		200
Bromobenzene	4.85		0.5	"	5.00		97	90-110		200
1,1,2,2-Tetrachloroethane	4.68		0.5	"	5.00		94	76-122		200
1,2,3-Trichloropropane	4.5		0.5	"	5.00		90	77-119		200
Propylbenzene	5.07		0.5	"	5.00		101	89-120		200
2-Chlorotoluene	4.89		0.5	"	5.00		98	88-114		200
4-Chlorotoluene	4.9		0.5	"	5.00		98	90-112		200
1,3,5-Trimethylbenzene	5.08		0.5	"	5.00		102	90-115		200
tert-Butylbenzene	5.15		0.5	"	5.00		103	89-118		200
1,2,4-Trimethylbenzene	5.05		0.5	"	5.00		101	90-112		200
sec-Butylbenzene	5.36		0.5	"	5.00		107	87-122		200
1,3-Dichlorobenzene	4.81		0.5	"	5.00		96	88-111		200
p-Isopropyltoluene	5.25		0.5	"	5.00		105	89-119		200
1,4-Dichlorobenzene	4.84		0.5	"	5.00		97	70-130		200

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Project Manager: Karen Jurist	**California Site Cleanup Section 3**	**SDG:** 16230A
Project Number: R16S79	**75 Hawthorne Street**	**Reported:** 09/09/16 07:49
Project: Jervis Webb August 2016 Sampling	**San Francisco CA, 94105**	

Quality Control

Analyte	Result	Qualifiers / Comments	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B16H055 - 5030 P&T VOA - VOCs										**Prepared & Analyzed: 08/17/16**
								Volatile Organic Compounds by EPA Method 524.2 - Quality Control		
LCS (B16H055-BS1)										
1,2-Dichlorobenzene	4.62		0.5	"	5.00		92	70-130		200
Butylbenzene	5.16		0.5	"	5.00		103	86-123		200
1,2-Dibromo-3-chloropropane	17.5		2	"	20.0		87	68-134		200
1,2,4-Trichlorobenzene	4.59		0.5	"	5.00		92	70-130		200
Hexachlorobutadiene	4.97		0.5	"	5.00		99	81-123		200
Naphthalene	4.42		0.5	"	5.00		88	54-144		200
1,2,3-Trichlorobenzene	4.53		0.5	"	5.00		91	73-122		200
Surrogate: 1,2-Dichloroethane-d4	*4.81*			*"*	*5.00*		96	*65-149*		
Surrogate: Toluene-d8	*5.04*			*"*	*5.00*		101	*85-114*		
Surrogate: 4-Bromofluorobenzene	*4.86*			*"*	*5.00*		97	*82-111*		
Surrogate: 1,2-Dichlorobenzene-d4	*4.77*			*"*	*5.00*		95	*76-118*		
Matrix Spike (B16H055-MS1)		**Source: 1608029-03**								
Dichlorodifluoromethane	7.28		0.5	ug/L	5.00	ND	146	53-153		20
Chloromethane	6.08		0.5	"	5.00	ND	122	70-124		20
Vinyl chloride	6.04		0.5	"	5.00	ND	121	77-127		20
Bromomethane	5.93		0.5	"	5.00	ND	119	58-172		20
Chloroethane	5.72		0.5	"	5.00	ND	114	75-135		20
Trichlorofluoromethane	6		0.5	"	5.00	ND	120	74-141		20
1,1-Dichloroethene	5.52		0.5	"	5.00	ND	110	80-126		20
1,1,2-Trichloro-1,2,2-trifluoroethane	5.78		0.5	"	5.00	ND	116	73-139		20
Acetone	37.4		4	"	40.0	4.68	82	60-125		20
Dichloromethane	5.14		0.5	"	5.00	ND	103	73-114		20
trans-1,2-Dichloroethene	5.47		0.5	"	5.00	ND	109	86-119		20
tert-Butyl methyl ether (MTBE)	19.1		2	"	20.0	ND	96	74-127		20
1,1-Dichloroethane	5.29		0.5	"	5.00	ND	106	85-117		20
2,2-Dichloropropane	5.41		0.5	"	5.00	ND	108	61-163		20
cis-1,2-Dichloroethene	5.15		0.5	"	5.00	ND	103	87-113		20
2-Butanone (MEK)	34.5		4	"	40.0	ND	86	67-123		20
Bromochloromethane	4.99		0.5	"	5.00	ND	100	84-114		20
Chloroform	5.12		0.5	"	5.00	ND	102	85-117		20
1,1,1-Trichloroethane	5.34		0.5	"	5.00	ND	107	85-126		20
Carbon tetrachloride	5.48		0.5	"	5.00	ND	110	77-140		20
1,1-Dichloropropene	5.21		0.5	"	5.00	ND	104	88-120		20
Benzene	4.97		0.5	"	5.00	ND	99	86-112		20
1,2-Dichloroethane	4.6		0.5	"	5.00	ND	92	78-121		20
Trichloroethene	5.01		0.5	"	5.00	ND	100	90-112		20
1,2-Dichloropropane	4.93		0.5	"	5.00	ND	99	83-114		20
Dibromomethane	4.75		0.5	"	5.00	ND	95	79-118		20
Bromodichloromethane	4.84		0.5	"	5.00	ND	97	82-120		20
cis-1,3-Dichloropropene	4.42		0.5	"	5.00	ND	88	79-127		20

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Project Manager: Karen Jurist
Project Number: R16S79
Project: Jervis Webb August 2016 Sampling

California Site Cleanup Section 3
75 Hawthorne Street
San Francisco CA, 94105

SDG: 16230A
Reported: 09/09/16 07:49

Quality Control

Batch B16H055 - 5030 P&T VOA - VOCs — **Prepared & Analyzed: 08/17/16**

Volatile Organic Compounds by EPA Method 524.2 - Quality Control

Matrix Spike (B16H055-MS1) — **Source: 1608029-03**

Analyte	Result	Qualifiers / Comments	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Toluene	5.13		0.5	"	5.00	ND	103	87-113		20
trans-1,3-Dichloropropene	4.45		0.5	"	5.00	ND	89	75-135		20
1,1,2-Trichloroethane	4.71		0.5	"	5.00	ND	94	79-116		20
Tetrachloroethene	5.2		0.5	"	5.00	ND	104	87-118		20
1,3-Dichloropropane	4.57		0.5	"	5.00	ND	91	82-116		20
Chlorodibromomethane	4.89		0.5	"	5.00	ND	98	80-125		20
1,2-Dibromoethane (EDB)	4.7		0.5	"	5.00	ND	94	85-114		20
Chlorobenzene	5.01		0.5	"	5.00	ND	100	88-110		20
1,1,1,2-Tetrachloroethane	5		0.5	"	5.00	ND	100	86-122		20
Ethylbenzene	5.14		0.5	"	5.00	ND	103	89-117		20
m&p-Xylene	10.7		1	"	10.0	ND	107	90-113		20
o-Xylene	5.11		0.5	"	5.00	ND	102	90-111		20
Styrene	5.23		0.5	"	5.00	ND	105	86-113		20
Bromoform	5.06		0.5	"	5.00	ND	101	70-138		20
Isopropylbenzene	5.45		0.5	"	5.00	ND	109	90-118		20
Bromobenzene	4.94		0.5	"	5.00	ND	99	90-110		20
1,1,2,2-Tetrachloroethane	4.83		0.5	"	5.00	ND	97	76-122		20
1,2,3-Trichloropropane	4.65		0.5	"	5.00	ND	93	77-119		20
Propylbenzene	5.4		0.5	"	5.00	ND	108	89-120		20
2-Chlorotoluene	5.22		0.5	"	5.00	ND	104	88-114		20
4-Chlorotoluene	5.14		0.5	"	5.00	ND	103	90-112		20
1,3,5-Trimethylbenzene	5.4		0.5	"	5.00	ND	108	90-115		20
tert-Butylbenzene	5.37		0.5	"	5.00	ND	107	89-118		20
1,2,4-Trimethylbenzene	5.45		0.5	"	5.00	ND	109	90-112		20
sec-Butylbenzene	5.85		0.5	"	5.00	ND	117	87-122		20
1,3-Dichlorobenzene	5.09		0.5	"	5.00	ND	102	88-111		20
p-Isopropyltoluene	5.78		0.5	"	5.00	ND	116	89-119		20
1,4-Dichlorobenzene	5.13		0.5	"	5.00	ND	103	87-111		20
1,2-Dichlorobenzene	5.01		0.5	"	5.00	ND	100	86-111		20
Butylbenzene	5.68		0.5	"	5.00	ND	114	86-123		20
1,2-Dibromo-3-chloropropane	17.8		2	"	20.0	ND	89	68-134		20
1,2,4-Trichlorobenzene	4.86		0.5	"	5.00	ND	97	77-119		20
Hexachlorobutadiene	5.32		0.5	"	5.00	ND	106	81-123		20
Naphthalene	4.56		0.5	"	5.00	ND	91	54-144		20
1,2,3-Trichlorobenzene	4.86		0.5	"	5.00	ND	97	73-122		20
Surrogate: 1,2-Dichloroethane-d4	*4.79*			"	*5.00*		96	*65-149*		
Surrogate: Toluene-d8	*5.10*			"	*5.00*		102	*85-114*		
Surrogate: 4-Bromofluorobenzene	*5.07*			"	*5.00*		101	*82-111*		
Surrogate: 1,2-Dichlorobenzene-d4	*5.18*			"	*5.00*		104	*76-118*		

Matrix Spike Dup (B16H055-MSD1) — **Source: 1608029-03**

United States Environmental Protection Agency
Region 9 Laboratory
1337 S. 46th Street, Building 201, Richmond, CA 94804
Phone:(510) 412-2300 Fax:(510) 412-2302

Project Manager: Karen Jurist	**California Site Cleanup Section 3**	**SDG:** 16230A
Project Number: R16S79	**75 Hawthorne Street**	**Reported:** 09/09/16 07:49
Project: Jervis Webb August 2016 Sampling	**San Francisco CA, 94105**	

Quality Control

Analyte	Result	Qualifiers / Comments	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B16H055 - 5030 P&T VOA - VOCs									**Prepared & Analyzed: 08/17/16**	
								Volatile Organic Compounds by EPA Method 524.2 - Quality Control		
Matrix Spike Dup (B16H055-MSD1)		**Source: 1608029-03**								
Dichlorodifluoromethane	7.71		0.5	ug/L	5.00	ND	**154**	53-153	6	20
Chloromethane	6.29		0.5	"	5.00	ND	**126**	70-124	3	20
Vinyl chloride	6.22		0.5	"	5.00	ND	124	77-127	3	20
Bromomethane	6.17		0.5	"	5.00	ND	123	58-172	4	20
Chloroethane	5.85		0.5	"	5.00	ND	117	75-135	2	20
Trichlorofluoromethane	6.19		0.5	"	5.00	ND	124	74-141	3	20
1,1-Dichloroethene	5.69		0.5	"	5.00	ND	114	80-126	3	20
1,1,2-Trichloro-1,2,2-trifluoroethane	6.03		0.5	"	5.00	ND	121	73-139	4	20
Acetone	38		4	"	40.0	4.68	83	60-125	1	20
Dichloromethane	5.25		0.5	"	5.00	ND	105	73-114	2	20
trans-1,2-Dichloroethene	5.72		0.5	"	5.00	ND	114	86-119	4	20
tert-Butyl methyl ether (MTBE)	19.8		2	"	20.0	ND	99	74-127	3	20
1,1-Dichloroethane	5.44		0.5	"	5.00	ND	109	85-117	3	20
2,2-Dichloropropane	5.51		0.5	"	5.00	ND	110	61-163	2	20
cis-1,2-Dichloroethene	5.34		0.5	"	5.00	ND	107	87-113	4	20
2-Butanone (MEK)	34.4		4	"	40.0	ND	86	67-123	0.3	20
Bromochloromethane	5.12		0.5	"	5.00	ND	102	84-114	3	20
Chloroform	5.26		0.5	"	5.00	ND	105	85-117	3	20
1,1,1-Trichloroethane	5.45		0.5	"	5.00	ND	109	85-126	2	20
Carbon tetrachloride	5.56		0.5	"	5.00	ND	111	77-140	1	20
1,1-Dichloropropene	5.33		0.5	"	5.00	ND	107	88-120	2	20
Benzene	5.08		0.5	"	5.00	ND	102	86-112	2	20
1,2-Dichloroethane	4.74		0.5	"	5.00	ND	95	78-121	3	20
Trichloroethene	5.12		0.5	"	5.00	ND	102	90-112	2	20
1,2-Dichloropropane	4.93		0.5	"	5.00	ND	99	83-114	0	20
Dibromomethane	4.76		0.5	"	5.00	ND	95	79-118	0.2	20
Bromodichloromethane	4.94		0.5	"	5.00	ND	99	82-120	2	20
cis-1,3-Dichloropropene	4.55		0.5	"	5.00	ND	91	79-127	3	20
Toluene	5.32		0.5	"	5.00	ND	106	87-113	4	20
trans-1,3-Dichloropropene	4.6		0.5	"	5.00	ND	92	75-135	3	20
1,1,2-Trichloroethane	4.75		0.5	"	5.00	ND	95	79-116	0.8	20
Tetrachloroethene	5.31		0.5	"	5.00	ND	106	87-118	2	20
1,3-Dichloropropane	4.64		0.5	"	5.00	ND	93	82-116	2	20
Chlorodibromomethane	4.93		0.5	"	5.00	ND	99	80-125	0.8	20
1,2-Dibromoethane (EDB)	4.68		0.5	"	5.00	ND	94	85-114	0.4	20
Chlorobenzene	5.03		0.5	"	5.00	ND	101	88-110	0.4	20
1,1,1,2-Tetrachloroethane	5.11		0.5	"	5.00	ND	102	86-122	2	20
Ethylbenzene	5.21		0.5	"	5.00	ND	104	89-117	1	20
m&p-Xylene	10.9		1	"	10.0	ND	109	90-113	2	20
o-Xylene	5.23		0.5	"	5.00	ND	105	90-111	2	20
Styrene	5.27		0.5	"	5.00	ND	105	86-113	0.8	20
Bromoform	5.03		0.5	"	5.00	ND	101	70-138	0.6	20

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Project Manager: Karen Jurist	**California Site Cleanup Section 3**	**SDG:** 16230A
Project Number: R16S79	**75 Hawthorne Street**	**Reported:** 09/09/16 07:49
Project: Jervis Webb August 2016 Sampling	**San Francisco CA, 94105**	

Quality Control

Analyte	Result	Qualifiers / Comments	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B16H055 - 5030 P&T VOA - VOCs										**Prepared & Analyzed: 08/17/16**
										Volatile Organic Compounds by EPA Method 524.2 - Quality Control
Matrix Spike Dup (B16H055-MSD1)		**Source: 1608029-03**								
Isopropylbenzene	5.54		0.5	"	5.00	ND	111	90-118	2	20
Bromobenzene	4.98		0.5	"	5.00	ND	100	90-110	0.8	20
1,1,2,2-Tetrachloroethane	4.91		0.5	"	5.00	ND	98	76-122	2	20
1,2,3-Trichloropropane	4.69		0.5	"	5.00	ND	94	77-119	0.9	20
Propylbenzene	5.48		0.5	"	5.00	ND	110	89-120	1	20
2-Chlorotoluene	5.25		0.5	"	5.00	ND	105	88-114	0.6	20
4-Chlorotoluene	5.16		0.5	"	5.00	ND	103	90-112	0.4	20
1,3,5-Trimethylbenzene	5.47		0.5	"	5.00	ND	109	90-115	1	20
tert-Butylbenzene	5.49		0.5	"	5.00	ND	110	89-118	2	20
1,2,4-Trimethylbenzene	5.47		0.5	"	5.00	ND	109	90-112	0.4	20
sec-Butylbenzene	5.91		0.5	"	5.00	ND	118	87-122	1	20
1,3-Dichlorobenzene	5.08		0.5	"	5.00	ND	102	88-111	0.2	20
p-Isopropyltoluene	5.8		0.5	"	5.00	ND	116	89-119	0.3	20
1,4-Dichlorobenzene	5.12		0.5	"	5.00	ND	102	87-111	0.2	20
1,2-Dichlorobenzene	5.05		0.5	"	5.00	ND	101	86-111	0.8	20
Butylbenzene	5.68		0.5	"	5.00	ND	114	86-123	0	20
1,2-Dibromo-3-chloropropane	18.1		2	"	20.0	ND	91	68-134	2	20
1,2,4-Trichlorobenzene	4.86		0.5	"	5.00	ND	97	77-119	0	20
Hexachlorobutadiene	5.45		0.5	"	5.00	ND	109	81-123	2	20
Naphthalene	4.53		0.5	"	5.00	ND	91	54-144	0.7	20
1,2,3-Trichlorobenzene	4.86		0.5	"	5.00	ND	97	73-122	0	20
Surrogate: 1,2-Dichloroethane-d4	*4.82*			*"*	*5.00*		96	*65-149*		
Surrogate: Toluene-d8	*5.08*			*"*	*5.00*		102	*85-114*		
Surrogate: 4-Bromofluorobenzene	*5.00*			*"*	*5.00*		100	*82-111*		
Surrogate: 1,2-Dichlorobenzene-d4	*5.09*			*"*	*5.00*		102	*76-118*		
Batch B16H096 - 5030 P&T VOA - VOCs										**Prepared & Analyzed: 08/18/16**
										Volatile Organic Compounds by EPA Method 524.2 - Quality Control
Blank (B16H096-BLK1)										
Dichlorodifluoromethane	ND	U	0.5	ug/L						
Chloromethane	ND	U	0.5	"						
Vinyl chloride	ND	U	0.5	"						
Bromomethane	ND	U	0.5	"						
Chloroethane	ND	U	0.5	"						
Trichlorofluoromethane	ND	U	0.5	"						
1,1-Dichloroethene	ND	U	0.5	"						
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	U	0.5	"						
Acetone	ND	U	4	"						
Dichloromethane	ND	U	0.5	"						
trans-1,2-Dichloroethene	ND	U	0.5	"						
tert-Butyl methyl ether (MTBE)	ND	U	2	"						

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Project Manager: Karen Jurist	**California Site Cleanup Section 3**	**SDG:** 16230A
Project Number: R16S79	**75 Hawthorne Street**	**Reported:** 09/09/16 07:49
Project: Jervis Webb August 2016 Sampling	**San Francisco CA, 94105**	

Quality Control

Analyte	Result	Qualifiers / Comments	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B16H096 - 5030 P&T VOA - VOCs										**Prepared & Analyzed: 08/18/16**
										Volatile Organic Compounds by EPA Method 524.2 - Quality Control
Blank (B16H096-BLK1)										
1,1-Dichloroethane	ND	U	0.5	"						
2,2-Dichloropropane	ND	U	0.5	"						
cis-1,2-Dichloroethene	ND	U	0.5	"						
2-Butanone (MEK)	ND	U	4	"						
Bromochloromethane	ND	U	0.5	"						
Chloroform	ND	U	0.5	"						
1,1,1-Trichloroethane	ND	U	0.5	"						
Carbon tetrachloride	ND	U	0.5	"						
1,1-Dichloropropene	ND	U	0.5	"						
Benzene	ND	U	0.5	"						
1,2-Dichloroethane	ND	U	0.5	"						
Trichloroethene	ND	U	0.5	"						
1,2-Dichloropropane	ND	U	0.5	"						
Dibromomethane	ND	U	0.5	"						
Bromodichloromethane	ND	U	0.5	"						
cis-1,3-Dichloropropene	ND	U	0.5	"						
Toluene	ND	U	0.5	"						
trans-1,3-Dichloropropene	ND	U	0.5	"						
1,1,2-Trichloroethane	ND	U	0.5	"						
Tetrachloroethene	ND	U	0.5	"						
1,3-Dichloropropane	ND	U	0.5	"						
Chlorodibromomethane	ND	U	0.5	"						
1,2-Dibromoethane (EDB)	ND	U	0.5	"						
Chlorobenzene	ND	U	0.5	"						
1,1,1,2-Tetrachloroethane	ND	U	0.5	"						
Ethylbenzene	ND	U	0.5	"						
m&p-Xylene	ND	U	1	"						
o-Xylene	ND	U	0.5	"						
Styrene	ND	U	0.5	"						
Bromoform	ND	U	0.5	"						
Isopropylbenzene	ND	U	0.5	"						
Bromobenzene	ND	U	0.5	"						
1,1,2,2-Tetrachloroethane	ND	U	0.5	"						
1,2,3-Trichloropropane	ND	U	0.5	"						
Propylbenzene	ND	U	0.5	"						
2-Chlorotoluene	ND	U	0.5	"						
4-Chlorotoluene	ND	U	0.5	"						
1,3,5-Trimethylbenzene	ND	U	0.5	"						
tert-Butylbenzene	ND	U	0.5	"						
1,2,4-Trimethylbenzene	ND	U	0.5	"						
sec-Butylbenzene	ND	U	0.5	"						
1,3-Dichlorobenzene	ND	U	0.5	"						

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Project Number: R16S79	**75 Hawthorne Street**	**Reported:** 09/09/16 07:49
Project: Jervis Webb August 2016 Sampling	**San Francisco CA, 94105**	

Quality Control

Analyte	Result	Qualifiers / Comments	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B16H096 - 5030 P&T VOA - VOCs										**Prepared & Analyzed: 08/18/16**
										Volatile Organic Compounds by EPA Method 524.2 - Quality Control
Blank (B16H096-BLK1)										
p-Isopropyltoluene	ND	U	0.5	"						
1,4-Dichlorobenzene	ND	U	0.5	"						
1,2-Dichlorobenzene	ND	U	0.5	"						
Butylbenzene	ND	U	0.5	"						
1,2-Dibromo-3-chloropropane	ND	U	2	"						
1,2,4-Trichlorobenzene	ND	U	0.5	"						
Hexachlorobutadiene	ND	U	0.5	"						
Naphthalene	ND	U	0.5	"						
1,2,3-Trichlorobenzene	ND	U	0.5	"						
Surrogate: 1,2-Dichloroethane-d4	*5.17*			*"*	*5.00*		103	*65-149*		
Surrogate: Toluene-d8	*4.84*			*"*	*5.00*		97	*85-114*		
Surrogate: 4-Bromofluorobenzene	*4.71*			*"*	*5.00*		94	*82-111*		
Surrogate: 1,2-Dichlorobenzene-d4	*4.98*			*"*	*5.00*		100	*76-118*		
LCS (B16H096-BS1)										
Dichlorodifluoromethane	6.58		0.5	ug/L	5.00		132	53-153		200
Chloromethane	5.58		0.5	"	5.00		112	70-124		200
Vinyl chloride	5.45		0.5	"	5.00		109	70-130		200
Bromomethane	5.46		0.5	"	5.00		109	58-172		200
Chloroethane	5.14		0.5	"	5.00		103	75-135		200
Trichlorofluoromethane	5.46		0.5	"	5.00		109	74-141		200
1,1-Dichloroethene	5.05		0.5	"	5.00		101	70-130		200
1,1,2-Trichloro-1,2,2-trifluoroethane	5.35		0.5	"	5.00		107	73-139		200
Acetone	32.8		4	"	40.0		82	60-125		200
Dichloromethane	4.82		0.5	"	5.00		96	70-130		200
trans-1,2-Dichloroethene	5.12		0.5	"	5.00		102	70-130		200
tert-Butyl methyl ether (MTBE)	17.8		2	"	20.0		89	74-127		200
1,1-Dichloroethane	5.09		0.5	"	5.00		102	85-117		200
2,2-Dichloropropane	4.97		0.5	"	5.00		99	61-163		200
cis-1,2-Dichloroethene	4.86		0.5	"	5.00		97	70-130		200
2-Butanone (MEK)	32		4	"	40.0		80	67-123		200
Bromochloromethane	4.73		0.5	"	5.00		95	84-114		200
Chloroform	4.9		0.5	"	5.00		98	70-130		200
1,1,1-Trichloroethane	4.92		0.5	"	5.00		98	70-130		200
Carbon tetrachloride	5.07		0.5	"	5.00		101	70-130		200
1,1-Dichloropropene	4.96		0.5	"	5.00		99	88-120		200
Benzene	4.78		0.5	"	5.00		96	70-130		200
1,2-Dichloroethane	4.52		0.5	"	5.00		90	70-130		200
Trichloroethene	4.74		0.5	"	5.00		95	70-130		200
1,2-Dichloropropane	4.66		0.5	"	5.00		93	70-130		200
Dibromomethane	4.55		0.5	"	5.00		91	79-118		200

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Project Number: R16S79	**75 Hawthorne Street**	**Reported:** 09/09/16 07:49
Project: Jervis Webb August 2016 Sampling	**San Francisco CA, 94105**	

Quality Control

Analyte	Result	Qualifiers / Comments	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B16H096 - 5030 P&T VOA - VOCs										**Prepared & Analyzed: 08/18/16**
										Volatile Organic Compounds by EPA Method 524.2 - Quality Control
LCS (B16H096-BS1)										
Bromodichloromethane	4.68		0.5	"	5.00		94	70-130		200
cis-1,3-Dichloropropene	4.34		0.5	"	5.00		87	79-127		200
Toluene	4.95		0.5	"	5.00		99	70-130		200
trans-1,3-Dichloropropene	4.55		0.5	"	5.00		91	75-135		200
1,1,2-Trichloroethane	4.67		0.5	"	5.00		93	70-130		200
Tetrachloroethene	5.09		0.5	"	5.00		102	70-130		200
1,3-Dichloropropane	4.61		0.5	"	5.00		92	82-116		200
Chlorodibromomethane	4.89		0.5	"	5.00		98	70-130		200
1,2-Dibromoethane (EDB)	4.51		0.5	"	5.00		90	85-114		200
Chlorobenzene	4.84		0.5	"	5.00		97	70-130		200
1,1,1,2-Tetrachloroethane	4.79		0.5	"	5.00		96	86-122		200
Ethylbenzene	4.92		0.5	"	5.00		98	70-130		200
m&p-Xylene	10.3		1	"	10.0		103	70-130		200
o-Xylene	4.87		0.5	"	5.00		97	70-130		200
Styrene	5		0.5	"	5.00		100	70-130		200
Bromoform	5.16		0.5	"	5.00		103	70-130		200
Isopropylbenzene	5.18		0.5	"	5.00		104	90-118		200
Bromobenzene	4.79		0.5	"	5.00		96	90-110		200
1,1,2,2-Tetrachloroethane	4.58		0.5	"	5.00		92	76-122		200
1,2,3-Trichloropropane	4.55		0.5	"	5.00		91	77-119		200
Propylbenzene	5.22		0.5	"	5.00		104	89-120		200
2-Chlorotoluene	5		0.5	"	5.00		100	88-114		200
4-Chlorotoluene	5.04		0.5	"	5.00		101	90-112		200
1,3,5-Trimethylbenzene	5.19		0.5	"	5.00		104	90-115		200
tert-Butylbenzene	5.19		0.5	"	5.00		104	89-118		200
1,2,4-Trimethylbenzene	5.22		0.5	"	5.00		104	90-112		200
sec-Butylbenzene	5.58		0.5	"	5.00		112	87-122		200
1,3-Dichlorobenzene	4.83		0.5	"	5.00		97	88-111		200
p-Isopropyltoluene	5.54		0.5	"	5.00		111	89-119		200
1,4-Dichlorobenzene	4.85		0.5	"	5.00		97	70-130		200
1,2-Dichlorobenzene	4.75		0.5	"	5.00		95	70-130		200
Butylbenzene	5.45		0.5	"	5.00		109	86-123		200
1,2-Dibromo-3-chloropropane	17.4		2	"	20.0		87	68-134		200
1,2,4-Trichlorobenzene	4.55		0.5	"	5.00		91	70-130		200
Hexachlorobutadiene	5.12		0.5	"	5.00		102	81-123		200
Naphthalene	4.23		0.5	"	5.00		85	54-144		200
1,2,3-Trichlorobenzene	4.55		0.5	"	5.00		91	73-122		200
Surrogate: 1,2-Dichloroethane-d4	*4.79*			"	*5.00*		96	*65-149*		
Surrogate: Toluene-d8	*5.15*			"	*5.00*		103	*85-114*		
Surrogate: 4-Bromofluorobenzene	*4.90*			"	*5.00*		98	*82-111*		

United States Environmental Protection Agency
Region 9 Laboratory
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Project Manager: Karen Jurist	**California Site Cleanup Section 3**	**SDG:** 16230A
Project Number: R16S79	**75 Hawthorne Street**	**Reported:** 09/09/16 07:49
Project: Jervis Webb August 2016 Sampling	**San Francisco CA, 94105**	

Quality Control

Analyte	Result	Qualifiers / Comments	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B16H096 - 5030 P&T VOA - VOCs										**Prepared & Analyzed: 08/18/16**
								Volatile Organic Compounds by EPA Method 524.2 - Quality Control		
LCS (B16H096-BS1)										
Surrogate: 1,2-Dichlorobenzene-d4	*4.93*			"	*5.00*		99	*76-118*		
Batch B16H098 - 3520C CLLE - SVOCs										**Prepared: 08/18/16 Analyzed: 08/30/16**
								Semivolatile Organic Compounds by EPA Method 8270D - Quality Control		
Blank (B16H098-BLK1)										
1,4-Dioxane	ND	U	1	ug/L						
Surrogate: 1,4-Dioxane-d8	*2.63*			"	*5.00*		53	*46-110*		
Blank (B16H098-BLK2)										
1,4-Dioxane	ND	U	1	ug/L						
Surrogate: 1,4-Dioxane-d8	*2.60*			"	*5.00*		52	*46-110*		
LCS (B16H098-BS1)										
1,4-Dioxane	10.2		1	ug/L	10.0		102	66-126		200
Phenol	38.5		5	"	50.0		77	48-110		200
Bis(2-chloroethyl)ether	8.52		1	"	10.0		85	53-113		200
2-Chlorophenol	38.4		5	"	50.0		77	64-110		200
1,3-Dichlorobenzene	5.77		1	"	10.0		58	28-110		200
1,4-Dichlorobenzene	5.93		1	"	10.0		59	29-110		200
Benzyl alcohol	37.5		5	"	50.0		75	49-110		200
1,2-Dichlorobenzene	6.24		1	"	10.0		62	32-110		200
2-Methylphenol	37.5		5	"	50.0		75	47-110		200
Bis(2-chloro-1-methylethyl) ether	8.64		1	"	10.0		86	51-111		200
3&4-Methylphenol	40.9		5	"	50.0		82	68-110		200
N-Nitrosodipropylamine	7.88		1	"	10.0		79	48-110		200
Hexachloroethane	5.31		1	"	10.0		53	22-110		200
Nitrobenzene	8.48		1	"	10.0		85	54-114		200
Isophorone	8.68		1	"	10.0		87	53-113		200
2-Nitrophenol	38.6		5	"	50.0		77	49-110		200
2,4-Dimethylphenol	34.9		5	"	50.0		70	45-110		200
Bis(2-chloroethoxy)methane	8.29		1	"	10.0		83	52-112		200
2,4-Dichlorophenol	37.8		5	"	50.0		76	65-110		200
1,2,4-Trichlorobenzene	5.93		1	"	10.0		59	33-110		200
Naphthalene	7.62		1	"	10.0		76	52-110		200
4-Chloroaniline	37.1		5	"	50.0		74	43-110		200
Hexachlorobutadiene	4.83		1	"	10.0		48	22-110		200
4-Chloro-3-methylphenol	38.8		5	"	50.0		78	53-113		200
2-Methylnaphthalene	7.45		1	"	10.0		74	49-110		200
Hexachlorocyclopentadiene	26.2		5	"	50.0		52	20-110		200
2,4,6-Trichlorophenol	43.4		5	"	50.0		87	63-110		200
2,4,5-Trichlorophenol	43.9		5	"	50.0		88	67-110		200

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Project Manager: Karen Jurist	**California Site Cleanup Section 3**	**SDG:** 16230A
Project Number: R16S79	**75 Hawthorne Street**	**Reported:** 09/09/16 07:49
Project: Jervis Webb August 2016 Sampling	**San Francisco CA, 94105**	

Quality Control

Analyte	Result	Qualifiers / Comments	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B16H098 - 3520C CLLE - SVOCs									**Prepared: 08/18/16 Analyzed: 08/30/16**	
								Semivolatile Organic Compounds by EPA Method 8270D - Quality Control		
LCS (B16H098-BS1)										
2-Chloronaphthalene	8.41		1	"	10.0		84	43-110		200
2-Nitroaniline	42.7		5	"	50.0		85	56-116		200
Dimethyl phthalate	10		1	"	10.0		100	61-121		200
2,6-Dinitrotoluene	9.23		1	"	10.0		92	58-118		200
Acenaphthylene	8.67		1	"	10.0		87	46-110		200
3-Nitroaniline	45.7		5	"	50.0		91	47-110		200
Acenaphthene	11.4		1	"	10.0		114	84-135		200
2,4-Dinitrophenol	41.9		20	"	50.0		84	52-112		200
4-Nitrophenol	41.7		5	"	50.0		83	65-125		200
Dibenzofuran	9.1		1	"	10.0		91	60-110		200
2,4-Dinitrotoluene	9.74		1	"	10.0		97	60-120		200
Diethyl phthalate	9.67		1	"	10.0		97	61-121		200
Fluorene	9.12		1	"	10.0		91	60-110		200
4-Chlorophenyl phenyl ether	8.64		1	"	10.0		86	50-110		200
4-Nitroaniline	40.5		5	"	50.0		81	39-110		200
4,6-Dinitro-2-methylphenol	45.1		5	"	50.0		90	68-128		200
Diphenyl amine	7.12		1	"	10.0		71	29-110		200
4-Bromophenyl phenyl ether	8.06		1	"	10.0		81	51-111		200
Hexachlorobenzene	8.49		1	"	10.0		85	52-112		200
Pentachlorophenol	37.5		20	"	50.0		75	63-112		200
Phenanthrene	8.57		1	"	10.0		86	63-110		200
Anthracene	8.71		1	"	10.0		87	57-117		200
Carbazole	8.75		1	"	10.0		88	20-132		200
Di-n-butyl phthalate	9.83		1	"	10.0		98	68-128		200
Fluoranthene	9.21		1	"	10.0		92	68-119		200
Pyrene	9.53		1	"	10.0		95	65-120		200
Butyl benzyl phthalate	9.47		1	"	10.0		95	62-122		200
Benzo(a)anthracene	9.14		1	"	10.0		91	67-110		200
3,3'-Dichlorobenzidine	37		1	"	50.0		74	20-110		200
Chrysene	9.43		1	"	10.0		94	67-111		200
Bis(2-ethylhexyl) phthalate	10.4		1	"	10.0		104	71-131		200
Di-n-octyl phthalate	9.59		1	"	10.0		96	62-122		200
Benzo(b)fluoranthene	8.66		1	"	10.0		87	60-110		200
Benzo(k)fluoranthene	9.68		1	"	10.0		97	65-117		200
Benzo(a)pyrene	8.16		1	"	10.0		82	56-110		200
Indeno(1,2,3-cd)pyrene	8.41		1	"	10.0		84	62-110		200
Dibenz(a,h)anthracene	8.56		1	"	10.0		86	59-119		200
Benzo(g,h,i)perylene	8.77		1	"	10.0		88	64-110		200
Surrogate: 1,4-Dioxane-d8	*3.46*			*"*	*5.00*		69	*46-110*		
Surrogate: 2-Fluorophenol	*36.8*			*"*	*50.0*		74	*54-110*		

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Project Manager: Karen Jurist	**California Site Cleanup Section 3**	**SDG:** 16230A
Project Number: R16S79	**75 Hawthorne Street**	**Reported:** 09/09/16 07:49
Project: Jervis Webb August 2016 Sampling	**San Francisco CA, 94105**	

Quality Control

Analyte	Result	Qualifiers / Comments	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B16H098 - 3520C CLLE - SVOCs									**Prepared: 08/18/16 Analyzed: 08/30/16**	
								Semivolatile Organic Compounds by EPA Method 8270D - Quality Control		
LCS (B16H098-BS1)										
Surrogate: Phenol-d5	*37.7*			"	*50.0*		75	*54-110*		
Surrogate: 2-Chlorophenol-d4	*38.1*			"	*50.0*		76	*60-110*		
Surrogate: 1,2-Dichlorobenzene-d4	*32.1*			"	*50.0*		64	*38-110*		
Surrogate: Nitrobenzene-d5	*35.9*			"	*50.0*		72	*26-134*		
Surrogate: 2-Fluorobiphenyl	*41.0*			"	*50.0*		82	*57-110*		
Surrogate: 2,4,6-Tribromophenol	*45.7*			"	*50.0*		91	*46-136*		
Surrogate: Terphenyl-d14	*44.8*			"	*50.0*		90	*47-130*		
LCS (B16H098-BS2)										
1,4-Dioxane	10.9		1	ug/L	10.0		109	66-126		200
Phenol	38.8		5	"	50.0		78	48-110		200
Bis(2-chloroethyl)ether	8.45		1	"	10.0		84	53-113		200
2-Chlorophenol	38.2		5	"	50.0		76	64-110		200
1,3-Dichlorobenzene	5.72		1	"	10.0		57	28-110		200
1,4-Dichlorobenzene	5.95		1	"	10.0		60	29-110		200
Benzyl alcohol	38.1		5	"	50.0		76	49-110		200
1,2-Dichlorobenzene	6.32		1	"	10.0		63	32-110		200
2-Methylphenol	37.8		5	"	50.0		76	47-110		200
Bis(2-chloro-1-methylethyl) ether	8.64		1	"	10.0		86	51-111		200
3&4-Methylphenol	41.2		5	"	50.0		82	68-110		200
N-Nitrosodipropylamine	8.08		1	"	10.0		81	48-110		200
Hexachloroethane	5.12		1	"	10.0		51	22-110		200
Nitrobenzene	8.35		1	"	10.0		84	54-114		200
Isophorone	8.71		1	"	10.0		87	53-113		200
2-Nitrophenol	38.7		5	"	50.0		77	49-110		200
2,4-Dimethylphenol	35.1		5	"	50.0		70	45-110		200
Bis(2-chloroethoxy)methane	8.28		1	"	10.0		83	52-112		200
2,4-Dichlorophenol	37.8		5	"	50.0		76	65-110		200
1,2,4-Trichlorobenzene	5.94		1	"	10.0		59	33-110		200
Naphthalene	7.68		1	"	10.0		77	52-110		200
4-Chloroaniline	38		5	"	50.0		76	43-110		200
Hexachlorobutadiene	4.58		1	"	10.0		46	22-110		200
4-Chloro-3-methylphenol	39.3		5	"	50.0		79	53-113		200
2-Methylnaphthalene	7.56		1	"	10.0		76	49-110		200
Hexachlorocyclopentadiene	23.8		5	"	50.0		48	20-110		200
2,4,6-Trichlorophenol	42.1		5	"	50.0		84	63-110		200
2,4,5-Trichlorophenol	43		5	"	50.0		86	67-110		200
2-Chloronaphthalene	8.45		1	"	10.0		84	43-110		200
2-Nitroaniline	48.1		5	"	50.0		96	56-116		200
Dimethyl phthalate	9.9		1	"	10.0		99	61-121		200
2,6-Dinitrotoluene	9.03		1	"	10.0		90	58-118		200

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Project Manager: Karen Jurist	**California Site Cleanup Section 3**	**SDG:** 16230A
Project Number: R16S79	**75 Hawthorne Street**	**Reported:** 09/09/16 07:49
Project: Jervis Webb August 2016 Sampling	**San Francisco CA, 94105**	

Quality Control

Analyte	Result	Qualifiers / Comments	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B16H098 - 3520C CLLE - SVOCs									**Prepared: 08/18/16 Analyzed: 08/30/16**	
								Semivolatile Organic Compounds by EPA Method 8270D - Quality Control		
LCS (B16H098-BS2)										
Acenaphthylene	8.66		1	"	10.0		87	46-110		200
3-Nitroaniline	47.6		5	"	50.0		95	47-110		200
Acenaphthene	11.8		1	"	10.0		118	84-135		200
2,4-Dinitrophenol	42.9		20	"	50.0		86	52-112		200
4-Nitrophenol	49.6		5	"	50.0		99	65-125		200
Dibenzofuran	8.75		1	"	10.0		88	60-110		200
2,4-Dinitrotoluene	9.34		1	"	10.0		93	60-120		200
Diethyl phthalate	9.44		1	"	10.0		94	61-121		200
Fluorene	8.88		1	"	10.0		89	60-110		200
4-Chlorophenyl phenyl ether	8.42		1	"	10.0		84	50-110		200
4-Nitroaniline	40.2		5	"	50.0		80	39-110		200
4,6-Dinitro-2-methylphenol	46.6		5	"	50.0		93	68-128		200
Diphenyl amine	7.41		1	"	10.0		74	29-110		200
4-Bromophenyl phenyl ether	8.25		1	"	10.0		82	51-111		200
Hexachlorobenzene	8.74		1	"	10.0		87	52-112		200
Pentachlorophenol	39.1		20	"	50.0		78	63-112		200
Phenanthrene	8.77		1	"	10.0		88	63-110		200
Anthracene	8.92		1	"	10.0		89	57-117		200
Carbazole	8.97		1	"	10.0		90	20-132		200
Di-n-butyl phthalate	9.76		1	"	10.0		98	68-128		200
Fluoranthene	9.27		1	"	10.0		93	68-119		200
Pyrene	9.3		1	"	10.0		93	65-120		200
Butyl benzyl phthalate	9.27		1	"	10.0		93	62-122		200
Benzo(a)anthracene	9.18		1	"	10.0		92	67-110		200
3,3'-Dichlorobenzidine	39.2		1	"	50.0		78	20-110		200
Chrysene	9.61		1	"	10.0		96	67-111		200
Bis(2-ethylhexyl) phthalate	9.95		1	"	10.0		100	71-131		200
Di-n-octyl phthalate	9.24		1	"	10.0		92	62-122		200
Benzo(b)fluoranthene	8.92		1	"	10.0		89	60-110		200
Benzo(k)fluoranthene	10.1		1	"	10.0		101	65-117		200
Benzo(a)pyrene	8.49		1	"	10.0		85	56-110		200
Indeno(1,2,3-cd)pyrene	8.44		1	"	10.0		84	62-110		200
Dibenz(a,h)anthracene	8.56		1	"	10.0		86	59-119		200
Benzo(g,h,i)perylene	8.66		1	"	10.0		87	64-110		200
Surrogate: 1,4-Dioxane-d8	*3.31*			"	*5.00*		66	*46-110*		
Surrogate: 2-Fluorophenol	*36.2*			"	*50.0*		72	*54-110*		
Surrogate: Phenol-d5	*37.4*			"	*50.0*		75	*54-110*		
Surrogate: 2-Chlorophenol-d4	*37.7*			"	*50.0*		75	*60-110*		
Surrogate: 1,2-Dichlorobenzene-d4	*31.2*			"	*50.0*		62	*38-110*		
Surrogate: Nitrobenzene-d5	*35.5*			"	*50.0*		71	*26-134*		

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Project Manager: Karen Jurist	**California Site Cleanup Section 3**	**SDG:** 16230A
Project Number: R16S79	**75 Hawthorne Street**	**Reported:** 09/09/16 07:49
Project: Jervis Webb August 2016 Sampling	**San Francisco CA, 94105**	

Quality Control

Analyte	Result	Qualifiers / Comments	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B16H098 - 3520C CLLE - SVOCs										**Prepared: 08/18/16 Analyzed: 08/30/16**
								Semivolatile Organic Compounds by EPA Method 8270D - Quality Control		
LCS (B16H098-BS2)										
Surrogate: 2-Fluorobiphenyl	*38.9*			"	*50.0*		78	*57-110*		
Surrogate: 2,4,6-Tribromophenol	*44.0*			"	*50.0*		88	*46-136*		
Surrogate: Terphenyl-d14	*43.7*			"	*50.0*		87	*47-130*		
LCS (B16H098-BS3)										
1,4-Dioxane	10.5		1	ug/L	10.0		105	66-126		200
Phenol	37.6		5	"	50.0		75	48-110		200
Bis(2-chloroethyl)ether	8.18		1	"	10.0		82	53-113		200
2-Chlorophenol	35.9		5	"	50.0		72	64-110		200
1,3-Dichlorobenzene	5.56		1	"	10.0		56	28-110		200
1,4-Dichlorobenzene	5.76		1	"	10.0		58	29-110		200
Benzyl alcohol	36.8		5	"	50.0		74	49-110		200
1,2-Dichlorobenzene	6.1		1	"	10.0		61	32-110		200
2-Methylphenol	35.8		5	"	50.0		72	47-110		200
Bis(2-chloro-1-methylethyl) ether	8.25		1	"	10.0		82	51-111		200
3&4-Methylphenol	39.3		5	"	50.0		79	68-110		200
N-Nitrosodipropylamine	7.83		1	"	10.0		78	48-110		200
Hexachloroethane	5.14		1	"	10.0		51	22-110		200
Nitrobenzene	7.89		1	"	10.0		79	54-114		200
Isophorone	8.45		1	"	10.0		84	53-113		200
2-Nitrophenol	35.9		5	"	50.0		72	49-110		200
2,4-Dimethylphenol	32.1		5	"	50.0		64	45-110		200
Bis(2-chloroethoxy)methane	7.92		1	"	10.0		79	52-112		200
2,4-Dichlorophenol	35.6		5	"	50.0		71	65-110		200
1,2,4-Trichlorobenzene	5.85		1	"	10.0		58	33-110		200
Naphthalene	7.27		1	"	10.0		73	52-110		200
4-Chloroaniline	35.8		5	"	50.0		72	43-110		200
Hexachlorobutadiene	4.73		1	"	10.0		47	22-110		200
4-Chloro-3-methylphenol	38.4		5	"	50.0		77	53-113		200
2-Methylnaphthalene	7.38		1	"	10.0		74	49-110		200
Hexachlorocyclopentadiene	23.8		5	"	50.0		48	20-110		200
2,4,6-Trichlorophenol	42		5	"	50.0		84	63-110		200
2,4,5-Trichlorophenol	43		5	"	50.0		86	67-110		200
2-Chloronaphthalene	8.4		1	"	10.0		84	43-110		200
2-Nitroaniline	50.2		5	"	50.0		100	56-116		200
Dimethyl phthalate	10.4		1	"	10.0		104	61-121		200
2,6-Dinitrotoluene	9.55		1	"	10.0		96	58-118		200
Acenaphthylene	8.65		1	"	10.0		86	46-110		200
3-Nitroaniline	47.3		5	"	50.0		95	47-110		200
Acenaphthene	11.6		1	"	10.0		116	84-135		200
2,4-Dinitrophenol	46.4		20	"	50.0		93	52-112		200

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Project Manager: Karen Jurist	**California Site Cleanup Section 3**	**SDG:** 16230A
Project Number: R16S79	**75 Hawthorne Street**	**Reported:** 09/09/16 07:49
Project: Jervis Webb August 2016 Sampling	**San Francisco CA, 94105**	

Quality Control

Analyte	Result	Qualifiers / Comments	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B16H098 - 3520C CLLE - SVOCs										**Prepared: 08/18/16 Analyzed: 08/30/16**
								Semivolatile Organic Compounds by EPA Method 8270D - Quality Control		
LCS (B16H098-BS3)										
4-Nitrophenol	44.4		5	"	50.0		89	65-125		200
Dibenzofuran	9.18		1	"	10.0		92	60-110		200
2,4-Dinitrotoluene	10.1		1	"	10.0		101	60-120		200
Diethyl phthalate	9.99		1	"	10.0		100	61-121		200
Fluorene	9.45		1	"	10.0		94	60-110		200
4-Chlorophenyl phenyl ether	8.99		1	"	10.0		90	50-110		200
4-Nitroaniline	43.1		5	"	50.0		86	39-110		200
4,6-Dinitro-2-methylphenol	47.3		5	"	50.0		95	68-128		200
Diphenyl amine	7.2		1	"	10.0		72	29-110		200
4-Bromophenyl phenyl ether	8.28		1	"	10.0		83	51-111		200
Hexachlorobenzene	8.66		1	"	10.0		87	52-112		200
Pentachlorophenol	39.2		20	"	50.0		78	63-112		200
Phenanthrene	8.81		1	"	10.0		88	63-110		200
Anthracene	8.96		1	"	10.0		90	57-117		200
Carbazole	9		1	"	10.0		90	20-132		200
Di-n-butyl phthalate	9.88		1	"	10.0		99	68-128		200
Fluoranthene	9.36		1	"	10.0		94	68-119		200
Pyrene	9.58		1	"	10.0		96	65-120		200
Butyl benzyl phthalate	9.65		1	"	10.0		96	62-122		200
Benzo(a)anthracene	9.12		1	"	10.0		91	67-110		200
3,3'-Dichlorobenzidine	39.8		1	"	50.0		80	20-110		200
Chrysene	9.32		1	"	10.0		93	67-111		200
Bis(2-ethylhexyl) phthalate	10.8		1	"	10.0		108	71-131		200
Di-n-octyl phthalate	9.82		1	"	10.0		98	62-122		200
Benzo(b)fluoranthene	8.92		1	"	10.0		89	60-110		200
Benzo(k)fluoranthene	10		1	"	10.0		100	65-117		200
Benzo(a)pyrene	8.24		1	"	10.0		82	56-110		200
Indeno(1,2,3-cd)pyrene	8.3		1	"	10.0		83	62-110		200
Dibenz(a,h)anthracene	8.54		1	"	10.0		85	59-119		200
Benzo(g,h,i)perylene	8.66		1	"	10.0		87	64-110		200
Surrogate: 1,4-Dioxane-d8	*3.18*			*"*	*5.00*		64	*46-110*		
Surrogate: 2-Fluorophenol	*35.0*			*"*	*50.0*		70	*54-110*		
Surrogate: Phenol-d5	*36.5*			*"*	*50.0*		73	*54-110*		
Surrogate: 2-Chlorophenol-d4	*35.7*			*"*	*50.0*		71	*60-110*		
Surrogate: 1,2-Dichlorobenzene-d4	*29.9*			*"*	*50.0*		60	*38-110*		
Surrogate: Nitrobenzene-d5	*33.4*			*"*	*50.0*		67	*26-134*		
Surrogate: 2-Fluorobiphenyl	*38.8*			*"*	*50.0*		78	*57-110*		
Surrogate: 2,4,6-Tribromophenol	*47.4*			*"*	*50.0*		95	*46-136*		
Surrogate: Terphenyl-d14	*44.9*			*"*	*50.0*		90	*47-130*		

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Project Manager: Karen Jurist	**California Site Cleanup Section 3**	**SDG:** 16230A
Project Number: R16S79	**75 Hawthorne Street**	**Reported:** 09/09/16 07:49
Project: Jervis Webb August 2016 Sampling	**San Francisco CA, 94105**	

Quality Control

Batch B16H098 - 3520C CLLE - SVOCs — **Prepared: 08/18/16 Analyzed: 08/30/16**

Semivolatile Organic Compounds by EPA Method 8270D - Quality Control

Analyte	Result	Qualifiers / Comments	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
LCS (B16H098-BS4)										
1,4-Dioxane	10.6		1	ug/L	10.0		106	66-126		200
Phenol	39.7		5	"	50.0		79	48-110		200
Bis(2-chloroethyl)ether	8.84		1	"	10.0		88	53-113		200
2-Chlorophenol	39.3		5	"	50.0		79	64-110		200
1,3-Dichlorobenzene	6.36		1	"	10.0		64	28-110		200
1,4-Dichlorobenzene	6.54		1	"	10.0		65	29-110		200
Benzyl alcohol	40		5	"	50.0		80	49-110		200
1,2-Dichlorobenzene	6.87		1	"	10.0		69	32-110		200
2-Methylphenol	38.6		5	"	50.0		77	47-110		200
Bis(2-chloro-1-methylethyl) ether	9.03		1	"	10.0		90	51-111		200
3&4-Methylphenol	43.3		5	"	50.0		87	68-110		200
N-Nitrosodipropylamine	8.42		1	"	10.0		84	48-110		200
Hexachloroethane	5.84		1	"	10.0		58	22-110		200
Nitrobenzene	8.49		1	"	10.0		85	54-114		200
Isophorone	9.03		1	"	10.0		90	53-113		200
2-Nitrophenol	39.6		5	"	50.0		79	49-110		200
2,4-Dimethylphenol	35.4		5	"	50.0		71	45-110		200
Bis(2-chloroethoxy)methane	8.44		1	"	10.0		84	52-112		200
2,4-Dichlorophenol	39.3		5	"	50.0		79	65-110		200
1,2,4-Trichlorobenzene	6.45		1	"	10.0		64	33-110		200
Naphthalene	8.07		1	"	10.0		81	52-110		200
4-Chloroaniline	38.9		5	"	50.0		78	43-110		200
Hexachlorobutadiene	5.25		1	"	10.0		52	22-110		200
4-Chloro-3-methylphenol	37.8		5	"	50.0		76	53-113		200
2-Methylnaphthalene	7.72		1	"	10.0		77	49-110		200
Hexachlorocyclopentadiene	26.1		5	"	50.0		52	20-110		200
2,4,6-Trichlorophenol	43.1		5	"	50.0		86	63-110		200
2,4,5-Trichlorophenol	44.5		5	"	50.0		89	67-110		200
2-Chloronaphthalene	8.84		1	"	10.0		88	43-110		200
2-Nitroaniline	44.8		5	"	50.0		90	56-116		200
Dimethyl phthalate	10.6		1	"	10.0		106	61-121		200
2,6-Dinitrotoluene	9.85		1	"	10.0		98	58-118		200
Acenaphthylene	9.15		1	"	10.0		92	46-110		200
3-Nitroaniline	48.4		5	"	50.0		97	47-110		200
Acenaphthene	12.2		1	"	10.0		122	84-135		200
2,4-Dinitrophenol	47.5		20	"	50.0		95	52-112		200
4-Nitrophenol	44.5		5	"	50.0		89	65-125		200
Dibenzofuran	9.64		1	"	10.0		96	60-110		200
2,4-Dinitrotoluene	10.4		1	"	10.0		104	60-120		200
Diethyl phthalate	10.3		1	"	10.0		103	61-121		200
Fluorene	9.81		1	"	10.0		98	60-110		200
4-Chlorophenyl phenyl ether	9.35		1	"	10.0		94	50-110		200

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Project Manager: Karen Jurist	**California Site Cleanup Section 3**	**SDG:** 16230A
Project Number: R16S79	**75 Hawthorne Street**	**Reported:** 09/09/16 07:49
Project: Jervis Webb August 2016 Sampling	**San Francisco CA, 94105**	

Quality Control

Analyte	Result	Qualifiers / Comments	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B16H098 - 3520C CLLE - SVOCs										**Prepared: 08/18/16 Analyzed: 08/30/16**
								Semivolatile Organic Compounds by EPA Method 8270D - Quality Control		
LCS (B16H098-BS4)										
4-Nitroaniline	43.6		5	"	50.0		87	39-110		200
4,6-Dinitro-2-methylphenol	47.7		5	"	50.0		95	68-128		200
Diphenyl amine	7.19		1	"	10.0		72	29-110		200
4-Bromophenyl phenyl ether	8.29		1	"	10.0		83	51-111		200
Hexachlorobenzene	8.77		1	"	10.0		88	52-112		200
Pentachlorophenol	39.2		20	"	50.0		78	63-112		200
Phenanthrene	8.91		1	"	10.0		89	63-110		200
Anthracene	9		1	"	10.0		90	57-117		200
Carbazole	9.13		1	"	10.0		91	20-132		200
Di-n-butyl phthalate	10.2		1	"	10.0		102	68-128		200
Fluoranthene	9.47		1	"	10.0		95	68-119		200
Pyrene	9.57		1	"	10.0		96	65-120		200
Butyl benzyl phthalate	9.67		1	"	10.0		97	62-122		200
Benzo(a)anthracene	9.41		1	"	10.0		94	67-110		200
3,3'-Dichlorobenzidine	39.2		1	"	50.0		78	20-110		200
Chrysene	9.64		1	"	10.0		96	67-111		200
Bis(2-ethylhexyl) phthalate	10.4		1	"	10.0		104	71-131		200
Di-n-octyl phthalate	10.6		1	"	10.0		106	62-122		200
Benzo(b)fluoranthene	9.41		1	"	10.0		94	60-110		200
Benzo(k)fluoranthene	10.2		1	"	10.0		102	65-117		200
Benzo(a)pyrene	8.22		1	"	10.0		82	56-110		200
Indeno(1,2,3-cd)pyrene	9.14		1	"	10.0		91	62-110		200
Dibenz(a,h)anthracene	9.46		1	"	10.0		95	59-119		200
Benzo(g,h,i)perylene	9.5		1	"	10.0		95	64-110		200
Surrogate: 1,4-Dioxane-d8	*3.54*			"	*5.00*		71	*46-110*		
Surrogate: 2-Fluorophenol	*38.7*			"	*50.0*		77	*54-110*		
Surrogate: Phenol-d5	*38.4*			"	*50.0*		77	*54-110*		
Surrogate: 2-Chlorophenol-d4	*39.1*			"	*50.0*		78	*60-110*		
Surrogate: 1,2-Dichlorobenzene-d4	*32.8*			"	*50.0*		66	*38-110*		
Surrogate: Nitrobenzene-d5	*35.7*			"	*50.0*		71	*26-134*		
Surrogate: 2-Fluorobiphenyl	*39.8*			"	*50.0*		80	*57-110*		
Surrogate: 2,4,6-Tribromophenol	*48.7*			"	*50.0*		97	*46-136*		
Surrogate: Terphenyl-d14	*44.7*			"	*50.0*		89	*47-130*		

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Qualifiers and Comments

Q7 Surrogate spike recoveries for this sample were outside control limits.

Q4 The matrix spike and/or matrix spike duplicate associated with this sample did not meet recovery criteria for this analyte (see MS/MSD results for this batch in QC summary)

N TIC Tentatively Idenitified Compound - This compound was identified only by match with mass spectral library. Identification and quantitation should be considered tentative and presumptive.

J The reported result for this analyte should be considered an estimated value.

C1 The reported concentration for this analyte is below the quantitation limit.

U Not Detected

NR Not Reported

RE1, RE2, etc: Result is from a sample re-analysis.