

July 5, 2018

Information & Technology Unit California Regional Water Quality Control Board, Los Angeles Region 320 West Fourth Street, Suite 200 Los Angeles, California 90013

Subject: GROUNDWATER DISCHARGE MONITORING REPORT QUARTER 2, 2018 NPDES No. CAG994004; Compliance File No. CI-7585 Defense Fuel Support Point, Norwalk 15306 Norwalk Boulevard Norwalk, California

On behalf of The Defense Logistics Agency Installation Operations Energy (DLA), The Source Group, Inc. (SGI) presents the subject report to summarize the National Pollutant Discharge Elimination System (NPDES) monitoring activities for Quarter 2, 2018 at Defense Fuel Support Point (DFSP), Norwalk located at 15306 Norwalk Boulevard, in Norwalk, California (Site).

SUMMARY OF REMEDIATION PROGRESS AND DISCHARGE VOLUMES

Active remediation systems at the Site include soil vapor extraction systems and a groundwater extraction and treatment system (GWETS). The treatment of extracted soil vapors and groundwater is ongoing at the Site to address historical impacts within the entire former tank farm, former water tank, former truck fueling, and pump house areas.

The GWETS consists of five vertical extraction wells (four 6-inch diameter wells and one 4-inch diameter well), three bag filter vessels, two MYCELX oil separator vessels, three granular activated carbon (GAC) vessels, and two ion exchange vessels. Four wells (GW-2, GW-13, GW-15, and GW-16) were in operation during the current reporting period. All treated groundwater was discharged in accordance with NPDES Permit No. CAG994004, Compliance File No. CI-7585 this period (see Summary of Compliance Results section).

GWETS discharge volumes and field notes for April, May and June 2018 are summarized in Tables 2A, 2B, and 2C, respectively. Periodic site visits were conducted to assess and optimize system operation and record operational data. The total volume of groundwater extracted by the GWETS during Quarter 2, 2018 was approximately 482,184 gallons. Based on the total petroleum hydrocarbons as diesel (TPHd) results for influent water samples and total groundwater extracted, the mass of TPHd removed by the GWETS this period was approximately 0.2 pounds (Table 2C).

July 5, 2018 Page 2 of 3

There were no changes in the operation of the facility that have or would change the character, location, or volume of the groundwater discharge.

SUMMARY OF COMPLIANCE RESULTS

Representative samples of treated groundwater were collected from the system effluent in accordance with NPDES permit requirements with all parameters specified by the Monitoring and Reporting Program (MRP) either being measured analytically or in the field using applicable test equipment. A summary of the Quarter 2, 2018 monitoring results, including sample dates, is provided as Table 1.

As Table 1 indicates, all concentrations were below detection levels and/or did not exceed any of the permit discharge limits. Per the tabulated notes, accelerated monthly acute toxicity test samples were collected during the reporting period (see SGI's April 13, 2018 *Groundwater Discharge Monitoring Report* for details, including action measures taken to help ensure permit compliance) with all the results demonstrating full compliance with the effluent permit limitation such that regular annual monitoring for this parameter will resume during November 2018 per Section IV, Part A.4 of the MRP. Laboratory analytical reports and chain-of-custody documents for all the samples collected this period are included in Appendix A.

Compliance samples were submitted to a laboratory certified for analyses of requested methods by the California Department of Public Health (CDPH) Environmental Laboratory Approval Program (ELAP). The laboratory analyzed samples in batches with other samples of similar matrix and analyzed quality control samples with each batch to assess method precision and accuracy. Duplicate sample or matrix spike/matrix spike duplicate sample pairs were analyzed to assess method precision. Matrix spike sample results also demonstrate method accuracy. Method blank and laboratory control samples are analyzed to assess potential laboratory contamination and method accuracy without potential matrix interferences, respectively.

SUMMARY OF NON-COMPLIANCE

The GWETS operated in compliance with NPDES No. CAG994004, CI-7585 during this reporting period.

LABORATORY CERTIFICATION

All analyses were conducted at a laboratory certified for such analyses by the CDPH or approved by the Executive Officer and in accordance with current United States Environmental Protection Agency (USEPA) guideline procedures or as specified in this MRP. The laboratory's quality control data is included in the laboratory analytical reports provided in Appendix A. A copy of the laboratory ELAP certification is provided in Appendix B.

Groundwater Discharge Monitoring Report Quarter 2, 2018

July 5, 2018 Page 3 of 3

REPORT CERTIFICATION

The DLA report certification is provided in Appendix C.

Sincerely,

Muhuel Wool

Michael Wood, P.E. Senior Engineer

Nell F. Irish, P.G. 5484 Principal Geologist

Attachments and Distribution:

 Table 1
 – Summary of Effluent Groundwater Monitoring Results - 2nd Quarter 2018

Table 2A - Groundwater Extraction and Treatment System Operations Summary - April

 Table 2B – Groundwater Extraction and Treatment System Operations Summary - May

Table 2C - Groundwater Extraction and Treatment System Operations Summary - June

Appendix A – Laboratory Analytical Reports and Chain-of-Custody Documents

- Appendix B Laboratory ELAP Certification
- Appendix C Report Certification

cc: Mr. Paul Cho. LARWQCB Mr. Jim Covin, LARWQCB Ms. Carol Devier-Heeney, DLA Maj. Justin Settles, DLA Ms. Adriana Figueroa, City of Norwalk Mr. Brian Partington, Water Replenishment District Mr. Everett Ferguson, Water Replenishment District Ms. Perla Hernandez, Office of Congresswoman Grace Napolitano Ms. Yvette Shahinian, Office of Congresswoman Linda T. Sánchez Ms. Yahaira Ortiz, Office of State Senator Tony Mendoza Mr. Norman Dupont, Richards Watson Gershon Mr. Adam Ly, Liberty Utilities Mr. Michael T. Wilson, Air Force Real Property Agency Librarian, Norwalk Regional Library Mr. Steve Defibaudh, KMI Mr. Eric Davis, CH2M HILL Ms. Lorena Sierra, John Dolland Elementary School Ms. Shyamolika Dube, Office of Assemblymember Christina Garcia Ms. Mary Jane McIntosh, RAB Community Member Ms. Tracy Winkler, RAB Community Member

TABLES

The Source Group, Inc.

TABLE 1
Summary of Effluent Groundwater Monitoring Results - 2nd Quarter 2018
DFSP, Norwalk
15306 Norwalk Blvd., Norwalk, CA

	Sam	pling Frequency				Monthly									Quarterly						Annually
Lab	oratory A	nalysis Methods		SM 4500 H+B		EPA 8015B (M)	EPA 8260B	EPA 8260B	EPA 6020	SM 5520 B	EPA 6020	SM 2130 B	SM 4500 S2-D	SM 4500-CI F	SM 2540 C	SM 2540 D	SM 2540 F	SM 5540 C	EPA 420.1	SM 5210 B	EPA 2000.0
Da	aily Disch	arge Limitations				100 μg/L	5 μg/L	12 μg/L	10 μg/L	15 mg/L	30 µg/L	150 NTU	1.0 mg/L	0.1 mg/L		75 mg/L	0.3 mL/L	0.5 mg/L	1.0 mg/L	30 mg/L	
Mont	hly Disch	arge Limitations								10 mg/L	15 μg/L	50 NTU				50 mg/L	0.1 mL/L			20 mg/L	
Sample Date	Notes	GWETS Wells On Line	Average Flow Rate	pH ^A	Temp- erature	трн	МТВЕ	ТВА	Arsenic	Oil & Grease	Copper	Turbidity	Sulfides	Residual Chlorine	Total Dissolved Solids	Total Suspended Solids	Settleable Solids	MBAS	Phenols	BOD ₅ 20°C	Acute Toxicity
			(gpm)	pH units	°C	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(mg/L)	(µg/L)	(NTU)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mL/L)	(mg/L)	(mg/L)	(mg/L)	(% Survival)
04/02/18	1	GW-2, GW-13, GW-15, GW-16	8.1	7.25	19.5	<100	<0.40	<7.0	<6.0												90 ^B
05/02/18		GW-2, GW-13, GW-15, GW-16	8.1	7.29	22.3	<100	<0.40	<7.0	<6.0	<5.0	<14	0.69 J	<0.027	<0.1 ^C	1,300	6.0 J	<0.1	<0.05	<0.15	<5.0	
05/23/18	2	GW-2, GW-13, GW-15, GW-16	8.4																		100 ^B
06/04/18	3	GW-2, GW-13, GW-15, GW-16	4.2	7.30	25.3	<100	<0.40	<7.0	<6.0												100 ^B

Legend / Notes:

GWETS = Groundwater extraction and treatment system

TPH = Total petroleum hydrocarbons (gasoline range organics [GRO] and diesel range organics [DRO])

MTBE = Methyl tertiary-butyl ether

TBA = tertiary-Butyl alcohol

MBAS = Methylene blue active substances

BOD = Biochemical oxygen demand

gpm = Gallons per minute

mg/L = Micrograms per liter

mg/L = Milligrams per liter NTU = Nephelometric Turbidity Units

mL/L = Milliliters per liter

<0.40 = Not detected at or above the Method Detection Limit (MDL) shown.

-- = Not measured or analyzed

J = Laboratory estimated value since analyte detected below Method Reporting Limit (MRL) but above MDL.

A = Measured in the field using an Oakton[®] pH Tester Model 30.

B = Accelerated monthly permit compliance monitoring result (see SGI's April 13, 2018 Groundwater Discharge Monitoring Report for details, including action measures taken to help ensure permit compliance).

C = Measured in the field using a HACH[®] Chlorine Test Kit Model CN-70.

1 = GWETS briefly restarted (off-line since 3/20/18 pending confirmation of compliance with all permit discharge limits from sampling conducted the same day) to collect effluent samples with all treated groundwater stored in a temporary holding tank as a precautionary measure pending results.

2 = GWETS briefly restarted (off-line since 5/7/18 for maintenance) to collect monthly effluent acute toxicity sample for laboratory analysis as part of required accelerated permit compliance monitoring but left off-line upon departure as a precautionary measure pending result.

3 = Third consecutive accelerated monthly monitoring result for acute toxicity demonstrating full compliance with effluent permit limitation with regular annual monitoring to therefore resume during November 2018 per Section IV, Part A.4 of the MRP.

TABLE 2A Groundwater Extraction and Treatment System Operations Summary - April

DFSP, Norwalk

15306 Norwalk Blvd., Norwalk, CA

Date	Data Source	Notes	GW-2 Totalizer Reading (gallons)	GW-13 Totalizer Reading (gallons)	GW-15 Totalizer Reading (gallons)	GW-16 Totalizer Reading (gallons)	Groundwater Extracted from North-East Area (gallons)	Groundwater Extracted from North-West Area (gallons)	NPDES Discharge Totalizer Reading (gallons)	Groundwater Extracted and Treated Per Day (gallons)	Influent DRO (ug/L)	Cumulative DRO Removed ^A (Ib)
4/1/18	Off line		54,181	31,231	152,043	286,236	11,555,242	4,864,449	77,903,035	0		9,945
4/2/18	Technician	1,2	55,416	31,916	153,428	287,285	11,557,676	4,866,369	77,903,035	0	65	9,945
4/3/18	Off line		55,416	31,916	153,428	287,285	11,557,676	4,866,369	77,903,035	0		9,945
4/4/18	Off line		55,416	31,916	153,428	287,285	11,557,676	4,866,369	77,903,035	0		9,945
4/5/18	Off line		55,416	31,916	153,428	287,285	11,557,676	4,866,369	77,903,035	0		9,945
4/6/18	Off line		55,416	31,916	153,428	287,285	11,557,676	4,866,369	77,903,035	0		9,945
4/7/18	Off line		55,416	31,916	153,428	287,285	11,557,676	4,866,369	77,903,035	0		9,945
4/8/18	Off line		55,416	31,916	153,428	287,285	11,557,676	4,866,369	77,903,035	0		9,945
4/9/18	Off line		55,416	31,916	153,428	287,285	11,557,676	4,866,369	77,903,035	0		9,945
4/10/18	Off line		55,416	31,916	153,428	287,285	11,557,676	4,866,369	77,903,035	0		9,945
4/11/18	Off line		55,416	31,916	153,428	287,285	11,557,676	4,866,369	77,903,035	0		9,945
4/12/18	Technician	3	55,416	31,916	153,428	287,285	11,557,676	4,866,369	77,906,435	3,400		9,945
4/13/18	*		55,416	31,916	153,428	287,285	11,557,676	4,866,369	77,913,236	6,801		9,945
4/14/18	Technician	4	55,416	31,916	153,428	287,285	11,557,676	4,866,369	77,917,770	4,534		9,945
4/15/18	Off line		55,416	31,916	153,428	287,285	11,557,676	4,866,369	77,917,770	0		9,945
4/16/18	Off line		55,416	31,916	153,428	287,285	11,557,676	4,866,369	77,917,770	0		9,945
4/17/18	Off line		55,416	31,916	153,428	287,285	11,557,676	4,866,369	77,917,770	0		9,945
4/18/18	Off line		55,416	31,916	153,428	287,285	11,557,676	4,866,369	77,917,770	0		9,945
4/19/18	Off line		55,416	31,916	153,428	287,285	11,557,676	4,866,369	77,917,770	0		9,945
4/20/18	Off line		55,416	31,916	153,428	287,285	11,557,676	4,866,369	77,917,770	0		9,945
4/21/18	Off line		55,416	31,916	153,428	287,285	11,557,676	4,866,369	77,917,770	0		9,945
4/22/18	Off line		55,416	31,916	153,428	287,285	11,557,676	4,866,369	77,917,770	0		9,945
4/23/18	Off line		55,416	31,916	153,428	287,285	11,557,676	4,866,369	77,917,770	0		9,945
4/24/18	Off line		55,416	31,916	153,428	287,285	11,557,676	4,866,369	77,917,770	0		9,945
4/25/18	Technician	5	57,171	32,749	155,025	288,750	11,560,738	4,868,957	77,923,472	5,702		9,945
4/26/18	*		60,129	34,154	157,718	291,220	11,565,901	4,873,320	77,933,086	9,614		9,945
4/27/18	Technician		63,088	35,559	160,411	293,690	11,571,064	4,877,684	77,942,700	9,614		9,945
4/28/18	*		66,877	37,115	163,621	296,624	11,577,208	4,883,030	77,954,400	11,700		9,945
4/29/18	*		70,667	38,672	166,831	299,558	11,583,351	4,888,376	77,966,100	11,700		9,945
4/30/18	*		74,456	40,228	170,040	302,492	11,589,495	4,893,722	77,977,800	11,700		9,945

		Cumulative G	roundwater Discharge	ed by the GWETS to	Date (gallons)					
Period	April	Quarter 1, 2018	Quarter 2, 2018	Quarter 3, 2018	Quarter 4, 2018	2018 to Date	April 1996 to Date			
Volume 74,765 189,822 74,765 264,587 77,977,800										

Cumu	lative Mass DRO R	emoved by the GWE	ETS ^A (lb)
Period	April	Quarter 2 to Date	April 1996 to Date
Mass	0.04	0.04	9,945.4

Liquid –Phase DRO Mass [lb] =	$\left(Conc.\left[\frac{\mu g}{L}\right]\right) \cdot \left(\frac{2}{2}\right)$	$\frac{3.785 L}{gal} - \left(\frac{1}{2} \right) = \left(\frac{1}{2} \right) \left(\frac{1}{$	$\left(\frac{1g}{1,000,000\mu g}\right)$	$\left(\frac{1lb}{453.59g}\right)$	ullet(Volume[gal])
-------------------------------	---	--	--	------------------------------------	--------------------

Legend / Notes:

- 1 = GWETS briefly restarted (off-line since 3/20/18 pending confirmation of compliance with all permit discharge limits from sampling event conducted the same day) to collect monthly influent, intermediate and effluent samples for laboratory analysis, including acute toxicity sample as part of required accelerated permit compliance monitoring (see Table 1).
- 2 = No actual discharge occurred as all extracted and treated groundwater was stored in a temporary holding tank as a precautionary measure pending results from 4/2/18 sampling event.
- 3 = Began gravity draining all treated groundwater from temporary holding tank following confirmation of compliance with all permit discharge limits from 4/2/18 sampling event.
- 4 = Completed gravity draining of all treated groundwater from temporary holding tank but system left off-line in advance of scheduled groundwater monitoring and sampling work next week.
- 5 = GWETS restarted following completion of groundwater monitoring and sampling activities.

GWETS = Groundwater extraction and treatment system μ g/L - Micrograms per liter

lb = Pounds DRO = Diesel range organics

A = Hydrocarbon removal is calculated using analytical laboratory result for DRO (if not detected, half the detection limit is used) from sample collected on: 4/2/18 (laboratory report attached).

-- = Not applicable

* = Operational values interpolated from chart recorder data or previous monitoring event.

Groundwater extraction wells on line this month: GW-2, GW-13, GW-15, GW-16

TABLE 2B Groundwater Extraction and Treatment System Operations Summary - May

DFSP, Norwalk 15306 Norwalk Blvd., Norwalk, CA

Date	Data Source	Notes	GW-2 Totalizer Reading (gallons)	GW-13 Totalizer Reading (gallons)	GW-15 Totalizer Reading (gallons)	GW-16 Totalizer Reading (gallons)	Groundwater Extracted from North-East Area (gallons)	Groundwater Extracted from North-West Area (gallons)	NPDES Discharge Totalizer Reading (gallons)	Groundwater Extracted and Treated Per Day (gallons)	Influent DRO (ug/L)	Cumulative DRO Removed ^A (Ib)
5/1/18	*		78,246	41,785	173,250	305,425	11,595,639	4,899,068	77,989,501	11,700		9,945
5/2/18	Technician	1,2,3	82,022	43,336	176,449	308,349	11,601,761	4,904,395	78,001,160	11,659	130	9,945
5/3/18	*		85,735	44,872	179,964	311,530	11,608,457	4,909,644	78,012,774	11,614		9,945
5/4/18	*		89,448	46,409	183,480	314,711	11,615,154	4,914,894	78,024,388	11,614		9,945
5/5/18	*		93,161	47,945	186,995	317,892	11,621,850	4,920,143	78,036,002	11,614		9,945
5/6/18	*		96,874	49,481	190,510	321,073	11,628,546	4,925,392	78,047,616	11,614		9,946
5/7/18	Technician	4	100,600	51,023	194,038	324,265	11,635,266	4,930,660	78,059,270	11,654		9,946
5/8/18	Off line		100,600	51,023	194,038	324,265	11,635,266	4,930,660	78,059,270	0		9,946
5/9/18	Off line		100,600	51,023	194,038	324,265	11,635,266	4,930,660	78,059,270	0		9,946
5/10/18	Off line		100,600	51,023	194,038	324,265	11,635,266	4,930,660	78,059,270	0		9,946
5/11/18	Off line		100,600	51,023	194,038	324,265	11,635,266	4,930,660	78,059,270	0		9,946
5/12/18	Off line		100,600	51,023	194,038	324,265	11,635,266	4,930,660	78,059,270	0		9,946
5/13/18	Off line		100,600	51,023	194,038	324,265	11,635,266	4,930,660	78,059,270	0		9,946
5/14/18	Off line		100,600	51,023	194,038	324,265	11,635,266	4,930,660	78,059,270	0		9,946
5/15/18	Off line		100,600	51,023	194,038	324,265	11,635,266	4,930,660	78,059,270	0		9,946
5/16/18	Off line		100,600	51,023	194,038	324,265	11,635,266	4,930,660	78,059,270	0		9,946
5/17/18	Off line		100,600	51,023	194,038	324,265	11,635,266	4,930,660	78,059,270	0		9,946
5/18/18	Off line		100,600	51,023	194,038	324,265	11,635,266	4,930,660	78,059,270	0		9,946
5/19/18	Off line		100,600	51,023	194,038	324,265	11,635,266	4,930,660	78,059,270	0		9,946
5/20/18	Off line		100,600	51,023	194,038	324,265	11,635,266	4,930,660	78,059,270	0		9,946
5/21/18	Off line		100,600	51,023	194,038	324,265	11,635,266	4,930,660	78,059,270	0		9,946
5/22/18	Off line		100,600	51,023	194,038	324,265	11,635,266	4,930,660	78,059,270	0		9,946
5/23/18	Technician	5	101,213	51,380	195,107	325,388	11,637,458	4,931,630	78,062,300	3,030		9,946
5/24/18	Off line		101,213	51,380	195,107	325,388	11,637,458	4,931,630	78,062,300	0		9,946
5/25/18	Off line		101,213	51,380	195,107	325,388	11,637,458	4,931,630	78,062,300	0		9,946
5/26/18	Off line		101,213	51,380	195,107	325,388	11,637,458	4,931,630	78,062,300	0		9,946
5/27/18	Off line		101,213	51,380	195,107	325,388	11,637,458	4,931,630	78,062,300	0		9,946
5/28/18	Off line		101,213	51,380	195,107	325,388	11,637,458	4,931,630	78,062,300	0		9,946
5/29/18	Technician	6	101,442	51,667	195,923	325,994	11,638,902	4,932,211	78,064,325	2,025		9,946
5/30/18	*		101,967	52,490	197,905	327,422	11,642,291	4,933,494	78,070,392	6,067		9,946
5/31/18	*		102,720	53,601	200,704	329,456	11,647,123	4,935,358	78,076,459	6,067		9,946

		Cumula	ative Groundwater Di	scharged by the G	WETS (gallons)							
Period	Period May Quarter 1, 2018 Quarter 2, 2018 Quarter 3, 2018 Quarter 4, 2018 2018 to Date April 1996 to Date											
Volume	Volume 97,443 189,822 172,208 362,030 78,075,243											

Cumu	lative Mass DRC	Removed by the C	GWETS ^A (lb)
Period	Мау	Quarter 2 to Date	April 1996 to Date
Mass	0.10	0.14	9,945.5

Legend / Notes:

- 1 = Collected monthly process and intermediate samples for laboratory analysis.
- 2 = Collected quarterly effluent samples for laboratory analysis (see Table 1).
- 3 = Measured residual chlorine in the field using HACH Test Kit Model CN-70.
- 4 = GWETS manually shut down for maintenance.
- 5 = GWETS briefly restarted to collect monthly effluent acute toxicity sample for laboratory analysis as part of required accelerated permit compliance monitoring (see Table 1) but left off-line upon departure as a precautionary measure pending result.
- 6 = GWETS restarted following confirmation of compliance with acute toxicity discharge limit.

μg Liquid – Phase DRO Mass [lb] = Conc. (Volume [gal] (1,000,000 µg) (453.59 g) gal

3.785 L

GWETS = Groundwater extraction and treatment system µg/L - Micrograms per liter

lb = Pounds DRO = Diesel range organics

- A = Hydrocarbon removal is calculated using analytical laboratory result for DRO (if not detected, half the detection limit is used) from sample collected on: 5/2/18 (laboratory report attached).
- -- = Not applicable
- * = Operational values interpolated from chart recorder data or previous monitoring event.

1lb

1 g

TABLE 2C
Groundwater Extraction and Treatment System Operations Summary - June
DFSP, Norwalk

15306 Norwalk Blvd., Norwalk, CA

Date	Data Source	Notes	GW-2 Totalizer Reading (gallons)	GW-13 Totalizer Reading (gallons)	GW-15 Totalizer Reading (gallons)	GW-16 Totalizer Reading (gallons)	Groundwater Extracted from North-East Area (gallons)	Groundwater Extracted from North-West Area (gallons)	NPDES Discharge Totalizer Reading (gallons)	Groundwater Extracted and Treated Per Day (gallons)	Influent DRO (ug/L)	Cumulative DRO Removed ^A (Ib)
6/1/18	*		103,474	54,711	203,502	331,490	11,651,956	4,937,222	78,082,526	6,067		9,946
6/2/18	*		104,228	55,822	206,301	333,524	11,656,788	4,939,086	78,088,593	6,067		9,946
6/3/18	*		104,981	56,932	209,099	335,558	11,661,621	4,940,950	78,094,660	6,067		9,946
6/4/18	Technician	1,2	105,688	57,973	211,723	337,465	11,666,151	4,942,698	78,100,725	6,065	ND <60	9,946
6/5/18	*		109,363	59,461	215,943	340,797	11,673,703	4,947,861	78,112,725	12,000		9,946
6/6/18	*		113,038	60,949	220,163	344,130	11,681,255	4,953,024	78,124,725	12,000		9,946
6/7/18	Technician		116,215	62,236	223,811	347,011	11,687,785	4,957,488	78,135,100	10,375		9,946
6/8/18	*		119,644	63,643	227,892	350,160	11,695,015	4,962,324	78,147,454	12,354		9,946
6/9/18	*		123,073	65,050	231,974	353,308	11,702,245	4,967,160	78,159,808	12,354		9,946
6/10/18	*		126,502	66,458	236,055	356,457	11,709,475	4,971,997	78,172,162	12,354		9,946
6/11/18	Technician		130,443	68,075	240,746	360,076	11,717,785	4,977,555	78,186,360	14,198		9,946
6/12/18	*		131,386	69,380	244,556	363,127	11,724,646	4,979,804	78,195,453	9,093		9,946
6/13/18	*		132,330	70,685	248,366	366,177	11,731,506	4,982,052	78,204,546	9,093		9,946
6/14/18	*		133,273	71,990	252,176	369,228	11,738,367	4,984,301	78,213,639	9,093		9,946
6/15/18	Technician		134,066	73,087	255,378	371,791	11,744,132	4,986,190	78,221,280	7,641		9,946
6/16/18	*		136,912	74,360	259,329	374,749	11,751,041	4,990,309	78,232,221	10,941		9,946
6/17/18	*		139,758	75,633	263,280	377,707	11,757,949	4,994,429	78,243,162	10,941		9,946
6/18/18	*		142,605	76,907	267,231	380,665	11,764,858	4,998,548	78,254,103	10,941		9,946
6/19/18	*		145,451	78,180	271,181	383,622	11,771,767	5,002,668	78,265,044	10,941		9,946
6/20/18	*		148,297	79,453	275,132	386,580	11,778,676	5,006,787	78,275,985	10,941		9,946
6/21/18	*		151,143	80,726	279,083	389,538	11,785,584	5,010,907	78,286,926	10,941		9,946
6/22/18	Technician		153,950	81,982	282,979	392,455	11,792,397	5,014,969	78,297,715	10,789		9,946
6/23/18	*		156,431	83,157	286,793	395,797	11,799,554	5,018,624	78,308,286	10,571		9,946
6/24/18	*		158,912	84,331	290,607	399,140	11,806,710	5,022,280	78,318,857	10,571		9,946
6/25/18	*		161,392	85,506	294,422	402,482	11,813,867	5,025,935	78,329,428	10,571		9,946
6/26/18	*		163,873	86,680	298,236	405,825	11,821,023	5,029,590	78,339,999	10,571		9,946
6/27/18	*		166,354	87,855	302,050	409,167	11,828,180	5,033,246	78,350,570	10,571		9,946
6/28/18	*		168,835	89,029	305,864	412,509	11,835,336	5,036,901	78,361,141	10,571		9,946
6/29/18	Technician		171,660	90,367	310,208	416,316	11,843,487	5,041,064	78,373,180	12,039		9,946
6/30/18	*		174,453	91,673	314,469	420,265	11,851,697	5,045,163	78,385,219	12,039		9,946

	Cumulative Groundwater Discharged by the GWETS (gallons)												
Period	June	Quarter 1, 2018	Quarter 2, 2018	Quarter 3, 2018	Quarter 4, 2018	2018 to Date	April 1996 to Date						
Volume	Volume 309,976 189,822 482,184 672,006 78,385,219												

Cumu	Cumulative Mass DRO Removed by the GWETS ^A (lb)											
Period	June	Quarter 2 to Date	April 1996 to Date									
Mass	0.09	0.23	9,945.6									

Legend / Notes:

1 = Collected monthly process and intermediate samples for laboratory analysis.

2 = Collected monthly effluent samples for laboratory analysis, including final accelerated permit compliance monitoring acute toxicity sample (see Table 1).

Groundwater extraction wells on line this month: GW-2, GW-13, GW-15, GW-16

 $Liquid - Phase \ DRO \ Mass \ [lb] = \left(Conc. \left[\frac{\mu g}{L}\right]\right) \bullet \left(\frac{3.785 \ L}{gal}\right) \bullet \left(\frac{1 \ g}{1,000,000 \ \mu g}\right) \left(\frac{1lb}{453.59 \ g}\right) \bullet \left(Volume \ [gal]\right)$

GWETS = Groundwater extraction and treatment system μ g/L - Micrograms per liter

lb = Pounds DRO = Diesel range organics

A = Hydrocarbon removal is calculated using analytical laboratory results for DRO (if not detected, half the detection limit is used) from sample collected on: 6/4/18 (laboratory report attached).

-- = Not applicable

APPENDIX A Laboratory Analytical Reports and Chain-of-Custody Documents

The Source Group, Inc.



9765 Eton Avenue Chatsworth California 91311 Tel: (818) 998-5547 Fax: (818) 998-7258

April 18, 2018

Neil Irish The Source Group, Inc. (SH) 1962 Freeman Ave. Signal Hill, CA 90755

Re: DFSP Norwalk GWETS NPDES Monthly / 04-NDLA-013

A5332520 / 8D02017

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received on 04/02/18 16:26 and analyzed in accordance with the attached chain-of-custody.

Unless otherwise noted, all analytical testing was accomplished in accordance with the guidelines established in our Quality Assurance Program Manual, applicable standard operating procedures, and other related documentation. The results in this analytical report are limited to the samples tested and any reproduction thereof must be made in its entirety.

If you have any questions regarding this report or require additional information please call me at American Analytics.

Sincerely,

A

Viorel Vasile Operations Manager



Client: Project No: Project Name:	The Source Group, 04-NDLA-013 DFSP Norwalk GWE		ly		AA Project No: A5332520 Date Received: 04/02/18 Date Reported: 04/18/18								
Sample ID		Laboratory ID	Matrix	TAT	Date Sampled	Date Received							
8260B TPHGA	SOLINEBTEXOXY												
Effluent		8D02017-01	Water	5	04/02/18 13:15	04/02/18 16:26							
Arsenic Total	<u>EPA 200.7</u>												
Effluent		8D02017-01	Water	5	04/02/18 13:15	04/02/18 16:26							
Diesel Range (<u>Drganics 8015M</u>												
Effluent		8D02017-01	Water	5	04/02/18 13:15	04/02/18 16:26							

A



-		o, Inc. (SH) VETS NPDES Monthly genates by GC/MS	AA Project No: A Date Received: (Date Reported: (Units: u)4/02/18)4/18/18)
Date Sampled:		04/02/18			
Date Prepared:		04/09/18			
Date Analyzed:		04/09/18			
AA ID No:	8	D02017-01			
Client ID No:		Effluent			
Matrix:		Water			
Dilution Factor		1		MDL	MRL
<u>8260B TPHGAS</u>		(EPA 8260B)			
tert-Butyl alcoho	I (TBA)	<7.0		7.0	10
Gasoline Range (GRO)	Organics	<40		40	100
Methyl-tert-Butyl	Ether (MTBE)	<0.40		0.40	2.0
Surrogates				%REC	Limits
4-Bromofluorobe	enzene	103%		70-1	40
Dibromofluorom	ethane	119%		70-1	40
Toluene-d8		95%		70-1	40

A

Viorel Vasile Operations Manager



Client: Project No: Project Name: Method:	The Source Group, Inc. (SH) 04-NDLA-013 DFSP Norwalk GWETS NPDES Monthly Diesel Range Organics by GC/FID	AA Project No: A5332520 Date Received: 04/02/18 Date Reported: 04/18/18 Units: ug/L
Date Sampled: Date Prepared: Date Analyzed: AA ID No: Client ID No: Matrix: Dilution Factor	8D02017-01 Effluent Water	MDL MRL
<u>Diesel Range C</u> Diesel Range O Diesel	rganics 8015M (EPA 8015M) rganics as <60	60 100
<u>Surrogates</u> o-Terphenyl	80%	<u>%REC Limits</u> 50-150

A



Client: Project No: Project Name: Method:	The Source Group, Ir 04-NDLA-013 DFSP Norwalk GWE Total Metals by ICP	TS NPDES	=		AA Project No: A5332520 Date Received: 04/02/18 Date Reported: 04/18/18				
AA I.D. No.	Client I.D. No.	Sampled	Prepared	Analyzed I	Dilution	Result	Units	MDL	MRL
Arsenic Total E	EPA 200.7 (EPA 200.7 Effluent)	04/03/18	04/04/18	1	<0.0060	mg/L	0.006	0.007

A

Viorel Vasile Operations Manager



Client:The Source Group, Inc. (SH)Project No:04-NDLA-013Project Name:DFSP Norwalk GWETS NPDES Monthly

AA Project No: A5332520 **Date Received:** 04/02/18 **Date Reported:** 04/18/18

Analyte	F Result	Reporting Limit	Units		Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
TPHG/BTEX/Oxygenates by GC/MS										
Batch B8D0925 - EPA 5030B		,								
Blank (B8D0925-BLK1)				Prepare	ed & Analy	vzed: 04	4/09/18			
tert-Amyl Methyl Ether (TAME)	<0.30	0.30	ug/L)				
Benzene	< 0.20	0.20	ug/L							
tert-Butyl alcohol (TBA)	<7.0	7.0	ug/L							
Diisopropyl ether (DIPE)	<0.50	0.50	ug/L							
Ethylbenzene	<0.20	0.20	ug/L							
Ethyl-tert-Butyl Ether (ETBE)	<0.40	0.40	ug/L							
Gasoline Range Organics (GRO)	<40	40	ug/L							
Methyl-tert-Butyl Ether (MTBE)	<0.40	0.40	ug/L							
Toluene	<0.30	0.30	ug/L							
o-Xylene	<0.30	0.30	ug/L							
m,p-Xylenes	<0.40	0.40	ug/L							
Surrogate: 4-Bromofluorobenzene	49.9		ug/L	50		99.7	70-140			
Surrogate: Dibromofluoromethane	55.9		ug/L	50		112	70-140			
Surrogate: Toluene-d8	48.5		ug/L	50		97.1	70-140			
LCS (B8D0925-BS1)			- 3, -		ed & Anal					
tert-Amyl Methyl Ether (TAME)	21.6	0.30	ug/L	20		108	70-130			
Benzene	19.9	0.20	ug/L	20		99.4	75-125			
tert-Butyl alcohol (TBA)	118	7.0	ug/L	100		118	70-130			
Diisopropyl ether (DIPÉ)	21.0	0.50	ug/L	20		105	70-130			
Ethylbenzene	20.0	0.20	ug/L	20		99.8	75-125			
Ethyl-tert-Butyl Ether (ETBE)	21.1	0.40	ug/L	20		106	70-130			
Gasoline Range Organics (GRO)	493	40	ug/L	500		98.6	70-130			
Methyl-tert-Butyl Ether (MTBE)	39.6	0.40	ug/L	40		99.0	70-135			
Toluene	20.2	0.30	ug/L	20		101	75-125			
o-Xylene	20.2	0.30	ug/L	20		101	75-125			
m,p-Xylenes	40.8	0.40	ug/L	40		102	70-130			
Surrogate: 4-Bromofluorobenzene	46.7		ug/L	50		93.3	70-140			
Surrogate: Dibromofluoromethane	51.7		ug/L	50		103	70-140			
Surrogate: Toluene-d8	46.1		ug/L	50		92.2	70-140			
Matrix Spike (B8D0925-MS1)	S	ource: 8C2	-	Prepare	ed & Analg	yzed: 0	4/09/18			

A

Viorel Vasile Operations Manager



Client:The Source Group, Inc. (SH)Project No:04-NDLA-013Project Name:DFSP Norwalk GWETS NPDES Monthly

AA Project No: A5332520 **Date Received:** 04/02/18 **Date Reported:** 04/18/18

Analyte	Result	Reporting Limit	Units		Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
TPHG/BTEX/Oxygenates by GC/MS	S - Quali	tv Control								
Batch B8D0925 - EPA 5030B		.,								
Matrix Spike (B8D0925-MS1) Cor	ntinued 9	Source: 8C2	28013-02	Prepare	ed & Anal	vzed: 0	4/09/18			
tert-Amyl Methyl Ether (TAME)	19.4	0.30	ug/L	20		97.2	70-130			
Benzene	22.3	0.20	ug/L	20	1.40		70-130			
tert-Butyl alcohol (TBA)	117	7.0	ug/L	100		117	70-130			
Diisopropyl ether (DIPE)	31.1	0.50	ug/L	20	9.18		70-130			
Ethylbenzene	21.3	0.20	ug/L	20		106	70-130			
Ethyl-tert-Butyl Ether (ETBE)	20.6	0.40	ug/L	20		103	70-130			
Methyl-tert-Butyl Ether (MTBE)	44.2	0.40	ug/L	40		110	70-130			
Toluene	20.9	0.30	ug/L	20		104	70-130			
o-Xylene	20.3	0.30	ug/L	20		102	70-130			
m,p-Xylenes	41.7	0.40	ug/L	40		104	70-130			
Surrogate: 4-Bromofluorobenzene	51.9		ug/L	50		104	70-140			
Surrogate: Dibromofluoromethane	51.2		ug/L	50		102	70-140			
Surrogate: Toluene-d8	50.6		ug/L	50		101	70-140			
Matrix Spike Dup (B8D0925-MSD	01) \$	Source: 8C2	28013-02	Prepare	ed & Anal	yzed: 0	4/09/18			
tert-Amyl Methyl Ether (TAME)	20.0	0.30	ug/L	20		100	70-130	3.09	30	
Benzene	22.4	0.20	ug/L	20	1.40	105	70-130	0.403	30	
tert-Butyl alcohol (TBA)	117	7.0	ug/L	100		117	70-130	0.00	30	
Diisopropyl ether (DIPE)	31.2	0.50	ug/L	20	9.18		70-130	0.321	30	
Ethylbenzene	21.6	0.20	ug/L	20		108	70-130	1.40	30	
Ethyl-tert-Butyl Ether (ETBE)	21.0	0.40	ug/L	20		105	70-130	2.07	30	
Methyl-tert-Butyl Ether (MTBE)	45.7	0.40	ug/L	40		114	70-130	3.36	30	
Toluene	21.0	0.30	ug/L	20		105	70-130	0.811	30	
o-Xylene	20.9	0.30	ug/L	20		104	70-130	2.57	30	
m,p-Xylenes	42.0	0.40	ug/L	40		105	70-130	0.645	30	
Surrogate: 4-Bromofluorobenzene	50.4		ug/L	50		101	70-140			
Surrogate: Dibromofluoromethane	51.8		ug/L	50		104	70-140			
Surrogate: Toluene-d8	49.5		ug/L	50		99.0	70-140			
Diesel Range Organics by GC/FID Batch B8D0423 - EPA 3510C	- Quality	/ Control								
				-			1/0 1/1 0			

Blank (B8D0423-BLK1)

Prepared & Analyzed: 04/04/18

A

Viorel Vasile Operations Manager



Client: Project No: Project Name:	The Source Grou 04-NDLA-013 DFSP Norwalk G			nly			Da	A Projec ate Recei ate Repo	i ved: 0	4/02/18	0
Analyte		Result	Reporting Limit	Units		Source Result %F	REC	%REC Limits	RPD	RPD Limit	Notes
Diesel Range Or	ganics by GC/FID	- Quality	/ Control								
Batch B8D0423	• •	-									
Blank (B8D042	3-BLK1) Continue	ed			Prepare	d & Analyze	ed: 04	4/04/18			
Diesel Range C	rganics as Diesel	<60	60	ug/L							
Surrogate: o-Te	erphenyl	37.8		ug/L	40	9	4.6	50-150			
LCS (B8D0423	-BS1)			•	Prepare	d & Analyze	ed: 04	4/04/18			
Diesel Range C	rganics as Diesel	613	60	ug/L	800	70	6.6	75-125		30	
Surrogate: o-Te	erphenyl	45.2		ug/L	40	1	13	50-150			
LCS Dup (B8D	0423-BSD1)			•	Prepare	d & Analyze	ed: 04	4/04/18			
Diesel Range C	rganics as Diesel	770	60	ug/L	800	90	6.2	75-125	22.7	30	
Surrogate: o-Te	erphenyl	48.4		ug/L	40	1	21	50-150			
Total Metals by I	CP Atomic Emiss	ion Spec	troscopy -	Quality (Control						
Batch B8D0431	- EPA 200.7	-		-							
Blank (B8D043	1-BLK1)				Prepare	d: 04/03/18	Ana	alyzed: 04	1/04/18		
Arsenic		<0.0060	0.0060	mg/L				-			
LCS (B8D0431	-BS1)				Prepare	d: 04/03/18	Ana	alyzed: 04	1/04/18		
Arsenic		1.02	0.0060	mg/L	1.0	1	02	80-120		20	
LCS Dup (B8D	0431-BSD1)				Prepare	ed: 04/03/18	Ana	alyzed: 04	1/04/18		
Arsenic		0.999	0.0060	mg/L	1.0	-		80-120		20	
Matrix Spike (E	38D0431-MS1)		Source: 8D0						1/04/18		
Arsenic		0.995	0.0060	mg/L	1.0			75-125		20	
	up (B8D0431-MSI		Source: 8D0		•						
Arsenic		1.01	0.0060	mg/L	1.0	1	01	75-125	1.63	20	

A



Client:The Source Group, Inc. (SH)Project No:04-NDLA-013Project Name:DFSP Norwalk GWETS NPDES Monthly

AA Project No: A5332520 **Date Received:** 04/02/18 **Date Reported:** 04/18/18

Special Notes

Ą

15060 Page 1 of /	: Glenn Andresken				(Special	Instructions	Mo	Report J-Flags							-				 ⊘ Received by 	Detri-	Received by	Received by	the services requested on this chain of custody form and any additional client-requested analyses performed on this project.) will be disposed of after 45 days following the submittal of the sample(s) to American Analytics.
A.	Sampler's Name:	Sampler's Signature:	P.O. No.:	Quote No.:	ANALYSIS REQUESTED (Test Name)			ound Codes ** below												Time	13:35	Time (676	Time	L Intercent Analytic to American Analytic
Y RECOR	Aonthly NPDES	Sa			ANALYSIS REQU	2.00	rsenic 2	Please enter the TAT Turnaround Codes **				 								Date	81-2-6	4 (Date/(3	Date	l and any additional c ittal of the sample(s)
[ICS CHAIN-OF-CUSTODY RECORD N AVE., CHAINWORTH, CA 91311 18-998-5547 FAX: 818-998-7258	Project Name / No.: DFSP - Norwalk / 091-NDLA/ Monthly NPDES	walk Blvd			9	5M BE/TBA 8260	.08 PHd.	of <u>⊢/ ⊢/</u> Cont Please ente	5 2 2 2			 								Relinquished by	and when	Relinquished by	Relinquished by	is chain of custody form days following the subm
VALYTICS CHAIN-OF-CUST 9765 ETON AVE., CHATSWORTH, CA 91311 Tei: 818-998-5547 FAX: 818-998-7258	No.: DFSP - Nor	ress: 15306 Norwalk Blvd	city: Norwalk	zip: CA 90650			. —		Water		····									Reling	Mun 0	Reling	Reling	vices requested on the viscos of after 45
NALYTICS CI 9765 ETON AVE., CI Tai: 818-998-5547	Project Name /	Site Address:		State & Zip:		72 Hour Rush 5 Day Rush	2000/1000	Date II	4.2.18 1315															ees to pay for the ser ice. Sample(s) will be
AMERICAN ANALY7 9765 ETO Tai: 87	e Group, Inc.				TAT Turnaround Codes **	Same Day Rush 4 = 24 Hour Rush 5 = 4 4 E			16-L102058					1000	00/100	A. Martin	/					AS237570/8 100017		American Analytics, client agr 30 days from the date of invoi
AMERICAN AMERICAN	Client: APEX/The Source Group, Inc.	Project Manager: Neil Irish	Phone: 562-597-1055	Fax: 569-597-1070		(1) = Same Day Ru $(2) = 24 Hour Rush$		Client I.U.	Effluent					And the second sec		RELIE	N N N N N N N N N N N N N N N N N N N	Z	4. 			A5237011		Note: By relinquishing samples to American Analytics, client agrees to pay for the services requested on this chain of custody form and any additional client-requested analyse Payment for services is due within 30 days from the date of invoice. Sample(s) will be disposed of after 45 days following the submittal of the sample(s) to American Analytics.



9765 Eton Avenue Chatsworth California 91311 Tel: (818) 998-5547 Fax: (818) 998-7258

April 09, 2018

Neil Irish The Source Group, Inc. (SH) 1962 Freeman Ave. Signal Hill, CA 90755

Re: DFSP Norwalk / 04-NDLA-007

A5332519 / 8D02016

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received on 04/02/18 16:26 and analyzed in accordance with the attached chain-of-custody.

Unless otherwise noted, all analytical testing was accomplished in accordance with the guidelines established in our Quality Assurance Program Manual, applicable standard operating procedures, and other related documentation. The results in this analytical report are limited to the samples tested and any reproduction thereof must be made in its entirety.

If you have any questions regarding this report or require additional information please call me at American Analytics.

Sincerely,

¥

Viorel Vasile Operations Manager

LABORATORY REPORT

Date: April 7, 2018

- Client: American Analytics 9765 Eton Avenue Chatsworth, CA 91311 Attn: Viorel Vasile
- Laboratory No.:
 A-18040305-001

 Project No.:
 A5332519

 Sample ID.:
 8D02016-01

Sample Control: The sample was received by ATL chilled and with the chain of custody record attached.

Date Sampled:	04/02/18
Date Received:	04/03/18
Temp. Received:	4.2°C
Chlorine (TRC):	0.0 mg/l
Date Tested:	04/03/18 to 04/07/18

Sample Analysis:The following analyses were performed on your sample:Fathead Minnow 96hr Percent Survival Bioassay (EPA-821-R-02-012 Method 2000.0);

Attached are the test data generated from the analysis of your sample. All testing was conducted under the direct supervision of Joseph A. LeMay. Daily test readings were taken by Joseph A. LeMay (initials: JAL) and Jacob LeMay (initials: J).

Result Summary:

Sample ID. 8D02016-01 <u>Results</u> 90% Survival (TUa = 0.59)

Quality Control:

Reviewed and approved by:

Joseph A. LeMa

Laboratory Director



"dedicated to providing quality aquatic toxicity testing"

4350 Transport Street, Unit 107 Ventura, CA 93003 (805) 650- 0546 FAX (805) 650-0756 *CA ELAP Cert. No.: 1775*

FATHEAD MINNOW PERCENT SURVIVAL TEST EPA Method 2000.0



Lab No.: A-18040305-001 Client/ID: American Analytics 8D02016-01

Start Date: 04/03/2018

TEST SUMMARY

Species: *Pimephales promelas*. Age: <u>14</u> (1-14) days. Regulations: NPDES. Test solution volume: 250 ml. Feeding: prior to renewal at 48 hrs. Number of replicates: 4. Control water: Moderately hard reconstituted water. Photoperiod: 16/8 hrs light/dark. Source: In-laboratory Culture. Test type: Static-Renewal. Test Protocol: EPA-821-R-02-012. Endpoints: Percent Survival at 96 hrs. Test chamber: 600 ml beakers. Temperature: 20 +/- 1°C. Number of fish per chamber: <u>10</u>. QA/QC No.: RT-180403.

TEST DATA											
		°C	DO			# D	ead		Analyst & Time		
		Ĩ.	DO	рН	А	В	С	D	of Readings		
INITIAL	Control	20.4	8.7	8.1	0	0	0	0	7 4-3-18		
	100%	20.3	8.7	8.0	J	0	0	υ	1300		
24 Hr	Control	20.1	8.2	7.9	0	0	0	0	7 4-4-18		
24 Hr	100%	20.0	8.1	8.4	1	(0	C	1230		
48 Hr	Control	1.05	8.3	7.9	0	Ο	0	0	2 4-5-18		
40 111	100%	20.1	7.9	8.3	1	0	1	0	1230		
Renewal	Control	20.1	8.7	8.0	0	ð	0	0	2 4-5-18		
Kenewai	100%	20.1	8.0	8.3	0	0	0	0	1230		
72 Hr	Control	20.2	8.3	7.9	0	U	0	0	2		
/2 11	100%	20.3	8.1	8.3	0	U	U	U	1230 4-6-18		
06 Цт	Control	20.3	8.2	8.0	0	0	0	0	2 43		
96 Hr 100% 20.4 8.1 8.2 0 0 0 13w 4-7-18											
Comments: Sample as received: Chlorine: <u>b</u> mg/l; Temp: <u>4.</u> <u>2</u> °C; DO: <u>3.9</u> mg/l; pH: <u>7.2</u> ; Alkalinity: <u>500</u> mg/l; Hardness: <u>7/8</u> mg/l; Conductivity: <u>2093</u> umho; NH ₃ -N: <u>0.9</u> mg/l. Sample aerated moderately (approx. 500 ml/min) to raise or lower DO? <u>808</u> / No. Control: Alkalinity: <u>59</u> mg/l; Hardness: <u>86</u> mg/l.; Conductivity: <u>307</u> umho. Test solution aerated (not to exceed 100 bubbles/min) to maintain DO >4.0 mg/l? Yes / <u>0</u> to. Original sample used for renewal kept at 0-6°C with minimal headspace. Dissolved Oxygen (DO) readings in mg/l O ₂ .											

RESULTS

Percent Survival In:	Control:	%	100% Sample:	90. v_%
Percent Survival In:	Control: _/~	%	100% Sample:	<u>90. v</u> %

9765 ETON Tel: 818- Tel: 818- Stat Project Manager: Ul Or el Uo Bille Site A Site A	9765 ETON AVE., CHA Tel: 818-998-5547 CS Project Name / No.:			70050991
AMERICAN Manager: LILOT 6				
Manager: 107-6 Manager: 107-6 () = Same Day () = 24 Hour R () = 48 Hour R		N2322191818102020	2-016 Sampler's Name:	ne:
 1 = Same Day 2 = 24 Hour R 3 = 48 Hour R 	Site Address:	ا دا	Sampler's Signature:	re:
() = Same Day () = 24 Hour R () = 48 Hour R	City:		P.O. No.:	6: 30134
(1) = Same Day (2) = 24 Hour R (3) = 48 Hour R	State & Zip:		Quote No.:	
Same Day Rush 24 Hour Rush 48 Hour Rush	odes **	5	ANAL YSIS REQUESTED (Test Name)	ne)
48 Hour Rush	(4) = 72 Hour Rush (5) = 5 Dav Rush	A X		
	X = 10 Working Days (Standard TAT)	ard TAT)		Special Instructions
Client I.D. A.A. I.D.	Date	Sample No. H. A.	子/ - ゴ/ / / / / / / / / / / / / / / / / /	below /
820206-01	4/2/18 1315	X		96hr. 2 Jurvin
				Hethers MI would
				EPA-821-R-02-012
				Thank 700
		2		
For Laboratory Use		Relinguested by	Cate Time	Received by
	<u> </u>	Rejinquished by		Acceived by
	2.75	Relinquished by	<u> </u>	Received by
A.A. Project No.:				



REFERENCE TOXICANT DATA

FATHEAD MINNOW ACUTE Reference Toxicant - SDS



QA/QC Batch No.: RT-180403

Species: Pimephales promelas. Age: <u>J</u> days old. Regulations: NPDES. Test chamber volume: 250 ml. Feeding: Prior to renewal at 48 hrs. Temperature: 20 +/- 1°C. Number of replicates: 2. Dilution water: MHSF.

TEST SUMMARY

Source: In-lab culture. Test type: Static-Renewal. Test Protocol: EPA-821-R-02-012. Endpoints: LC50 at 96 hrs. Test chamber: 600 ml beakers. Aeration: None. Number of organisms per chamber: <u>10</u>. Photoperiod: 16/8 hrs light/dark.

TEST DATA

		INITIAL				24 Hr					48 Hr		
					- 1.0	24111				<u>.</u>	40111		
Date/Time:	4-3-1		1130	4~4	-18		/	115	4-5-1	<u> </u>	2		145
Analyst:		2				<u></u>					\leq		
	°C	DO	pН	°C	DO	pН	# D	ead	°C	DO	pН	# D	ead
			F**			P	A	В				A	В
Control	20.2	8.2	8.0	20.0	8.1	7.9	0	0	20-0	8.2	7.9	0	0
1.0 mg/l	20.1	8.6	8.1	17.9	8,2	5.0	0	0	20.0	8.1	8.0	0	6
2.0 mg/l	20-5	8.7	8.0	11-9	8:2	29	D	U	20.0	8.1	7.9	0	6
4.0 mg/l	20.2	8.7	8.0	19.8	8.3	7.9	0	1	20.0	8.2	7.9	\cup	0
8.0 mg/l	20.1	8.7	8.0	12.8	8.4	.7-8	10	10	-	+	-	-	`
16.0 mg/l	20-1	8.6	8.0	19.1	8.7	7. 7	(0	10			-	-	-
	F	RENEWA	AL.	72 Hr					. 96 Hr				
Date/Time:	4-5-	18	1145	4-6.	18		(1	115	4-7-1	8		[1]	U
Analyst:		1				1	2				2		
	°C			°C	D 0		# C	Dead	°C	DO		# D	ead
		DO	pН		DO	рН	A	В			рН	А	В
Control	20.1	5.6	8.1	20.2	8.0	8.0	0	6	20.3	8.1	8.0	0	0
1.0 mg/l	201	8.5	8.0	20.1	7.9	8.0	0	0	20.1	8.0	810	0	0
2.0 mg/l	20,1	8.4	8-1	20.1	8.1	7.9	0	0	20.2	8.1	810	0	0
4.0 mg/l	20.0	8.3	8.1	20.2	8.0	7.9	0	1	20.1	8.0	80	U	0
8.0 mg/l	-	-	-	-	-	-	-	-	-			-	~
16.0 mg/l	-	-	-	-	-	-	<u> </u>	-		-	-	-	-
Comments:	SDS:	Alkalini	ty: <u>59</u>	mg/l;		: 87			ity: <u>307</u> ity: <u>311</u>	umho. umho.			

Concentration-response relationship acceptable? (see attached computer analysis):

(es) response curve normal)

No (dose interrupted indicated or non-normal)

Acute Fish Test-96 Hr Survival

 Start Date:
 4/3/2018 11:30

 End Date:
 4/7/2018 11:30

 Sample Date:
 4/3/2018

 Test ID:
 RT180403f
 Sample ID:
 F

 Lab ID:
 CAATL-Aquatic Testing Labs Sample Type:
 S

 Protocol:
 EPAAW02-EPA/821/R-02-01 Test Species:
 F

REF-Ref Toxicant SDS-Sodium dodecyl sulfate PP-Pimephales promelas

Comments:

Conc-mg/L	1	2
D-Control	1.0000	1.0000
1	1.0000	1.0000
2	1.0000	1.0000
4	1.0000	0.8000
8	0.0000	0.0000
16	0.0000	0.0000

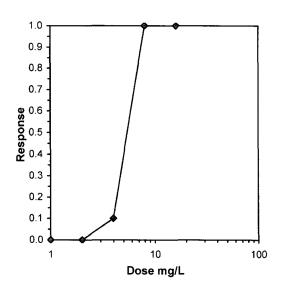
			Transform: Arcsin Square Root Nun						Total
Conc-mg/L	Mean	N-Mean	Mean	Min	Max	CV%	N	Resp	Number
D-Control	1.0000	1.0000	1.4120	1.4120	1.4120	0.000	2	0	20
1	1.0000	1.0000	1.4120	1.4120	1.4120	0.000	2	0	20
2	1.0000	1.0000	1.4120	1.4120	1.4120	0.000	2	0	20
4	0.9000	0.9000	1.2596	1.1071	1.4120	17.115	2	2	20
8	0.0000	0.0000	0.1588	0.1588	0.1588	0.000	2	20	20
16	0.0000	0.0000	0.1588	0.1588	0.1588	0.000	2	20	20

Statistic

Auxiliary Tests

Normality of the data set cannot be confirmed Equality of variance cannot be confirmed

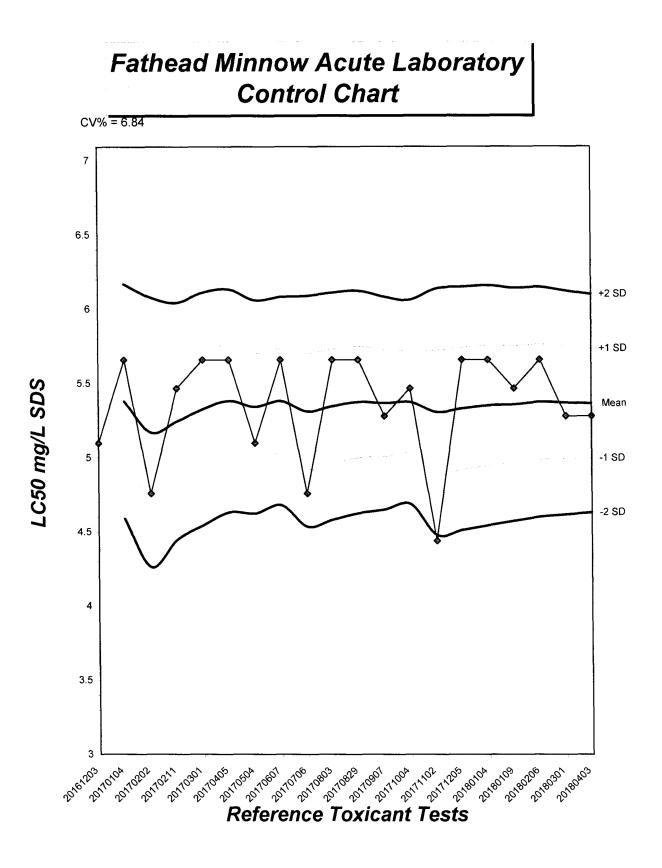
				Trimmed Spearman-Karber
Trim Level	EC50	95%	CL	-
0.0%	5.2780	4.8093	5.7924	,
5.0%	5.3968	4.8053	6.0611	
10.0%	5.4432	5.1395	5.7648	1.0 —
20.0%	5.4432	5.1395	5.7648	
Auto-0.0%	5.2780	4.8093	5.7924	0.9 -



Critical

Skew

Kurt





TEST ORGANISM LOG

FATHEAD MINNOW - LARVAL (Pimephales promelas)

QA/QC BATCH NO.: RT-180403

SOURCE: In-Lab Culture
DATE HATCHED: 3-20-18
APPROXIMATE QUANTITY: <u> </u>
GENERAL APPEARANCE:
MORTALITIES 48 HOURS PRIOR TO TO USE IN TESTING:
DATE USED IN LAB: $4/3/18$
AVERAGE FISH WEIGHT: gm

LOADING LIMITS: 0.65 gm/liter @ 20°C, 0.40 gm/liter @ 25°C

Approximately 1000 fish per 10 liters limit if held overnight for acclimation without filtration @ 20°C for fish with a mean weight of 0.006 gm.

Approximately 650 fish per 10 liters limit if held overnight for acclimation without filtration @ 25°C for fish with a mean weight of 0.006 gm.

200 ml test solution volume = 0.013 gm mean fish weight limit @ 20° C; 0.008 @ 25° C 250 ml test solution volume = 0.016 gm mean fish weight limit @ 20° C; 0.010 @ 25° C

ACCLIMATION WATER QUALITY:

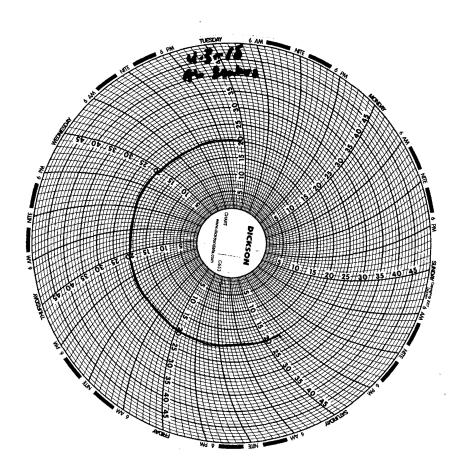
Temp.: <u>20.2</u> °C	pH: <u>8.0</u> Ammonia:	<u>←</u> mg/l NH ₃ -N
DO: <u><u> </u></u>	Alkalinity: 59 mg/l	Hardness: <u>8</u> mg/l

READINGS RECORDED BY:	km	DATE:	4-4-18



Test Temperature Chart

Test No: RT-180403 Date Tested: 04/03/18 to 04/07/18 Acceptable Range: 20 +/- 1°C



Client: APEX/The Source Group, Inc. Project Name / No.: DFSP - Norwalk / 091-NDLA/ Monthly NPDES Project Manager: Neil Irish site Address: 15306 Norwalk Blvd s Phone: 562-597-1055 City: Norwalk Norwalk Blvd s Phone: 562-597-1070 State & Zip: CA 90650 Anaryrsis Rec Phone: 562-597-1070 State & Zip: CA 90650 Anaryrsis Rec Parx: 569-597-1070 State & Zip: CA 90650 Anaryrsis Rec Parx: 569-597-1070 State & Zip: CA 90650 Anaryrsis Rec Parx: 569-597-1070 State & Zip: CA 90650 Anaryrsis Rec Parx: 569-597-1070 State & Zip: CA 90650 Anaryrsis Rec Pars: 569-597-1070 State & Zip: CA 90650 Anaryrsis Rec Pars: 569-597-1070 State & Zip: CA 90650 Anaryrsis Rec Pars: 569-597-1070 State & Zip: CA 90650 Anaryrsis Rec Pars: 569-597-1070 State & Zip: CA 90650 Anaryrsis Rec Parse Day Rush (Parse Anary Rush (Parse Anary Rush Parse Day Rush (Parse Anary Rush (Parse Anary Rush Parse Anary Rush (Parse Anary Rush (Parse Anary Rush Parse Anary Rush (Parse Anary Rush (Parse Anary Rush Parse Anary Rush (Parse Anary Rush (Parse Anary Rush Parse Anary	Sampler's Name: ampler's Signature; P.O. No.: Quote No.: UESTED (Test Name)	Slewn Ancluska Munn Ancluska Special Instructions Report J-Flags
Neil IrishSite Address:15306 Norwalk Blvc 1055 city:Norwalk 1055 city:Norwalk 1055 State & Zip:CA 90650TAT Turmaround Codes **State & Zip:CA 90650* Same Day Rush \textcircled{A} = 72 Hour Rush \textcircled{A} = 72 Hour Rush* Same Day Rush \textcircled{A} = 72 Hour Rush \textcircled{A} = 72 Hour Rush* 24 Hour Rush \textcircled{A} = 72 Hour Rush \textcircled{A} = 72 Hour Rush* 48 Hour Rush \textcircled{A} = 72 Hour Rush \textcircled{A} = 72 Hour Rush* 48 Hour Rush \textcircled{A} = 72 Hour Rush \textcircled{A} = 72 Hour Rush* 3 More Rush \textcircled{A} = 10 Working Days (Standard TAT)* \textcircled{A}	ampler's Signature: P.O. No.: Quote No.: Quote No.: UESTED (Test Name)	All when and Lable Special Instructions Report J-Flags
1055 City: Norwalk 70 State & Zip: CA 90650 TAT Turnaround Codes ** E are bay Rush * Same Day Rush \textcircled{A} = 72 Hour Rush * 24 Hour Rush \textcircled{A} = 5 Day Rush * 24 Hour Rush \textcircled{A} = 6 Day Rush * 24 Hour Rush \textcircled{A} = 10 Working Days (Standard TAT) * 48 Hour Rush X = 10 Working Days (Standard TAT) * \textcircled{A} = \textcircled{A} \textcircled{D} = \overbrace{Time} * \textcircled{A} = \textcircled{A} \textcircled{A} = \overbrace{A} * \textcircled{A} = \textcircled{A} \textcircled{A} = \overbrace{A} * \textcircled{A} \textcircled{A} * \textcircled{A} $ \textcircled{A}$	P.O. No.: Quote No.: Quote No.: Across Requested Goroe Diss. Copper Goroe Diss. Copper fish Toxichy Across Requested Across Across Acro	Special Instructions Report J-Flags
State & Zip: CA 90650 TAT Turnaround Codes ** Tat Turnaround Codes ** taime Bay Rush 4 Hour Rush $(4) = 72$ Hour Rush 6) = 5 Day Rush $(5) = 5$ Day Rush 8 Hour Rush $(5) = 5$ Day Rush 8 Hour Rush $X = 10$ Working Days (Standard TAT) 8 Mour Rush $X = 10$ Working Days (Standard TAT) 8 Mour Rush $X = 10$ Working Days (Standard TAT) 8 Mour Rush $X = 10$ Working Days (Standard TAT) 8 Mour Rush $X = 10$ Working Days (Standard TAT) 8 Mour Rush $X = 10$ Working Days (Standard TAT)	Quote No.: Cytote Cytote Cytote Cytote No.: Cytote No.: Cytote No.: Cytote No.: Cytote No.: Cytote Cyt	Special Instructions Report J-Flags
TAT Turnaround Codes **TAT Turnaround Codes **Same Day Rush $(4) = 72$ Hour Rush24 Hour Rush $(5) = 5$ Day Rush48 Hour Rush $(5) = 5$ Day Rush8 Mort Rush $(5) = 5$ Day Rush8 Mort Rush $(4-2-1)$ 8 Mort Rush $(4-2-1)$ 8 Mort Rush $(1) = 1$ 8 Mort Rush <td< td=""><td>LLYSIS REQUESTED (Test Name)</td><td>Report J-Flags</td></td<>	LLYSIS REQUESTED (Test Name)	Report J-Flags
Same Day Rush $(4) = 72$ Hour Rush24 Hour Rush $(5) = 5$ Day Rush24 Hour Rush $(5) = 5$ Day Rush48 Hour Rush $X = 10$ Working Days (Standard TAT)28 Mort Rush $X = 10$ Working Days (Standard TAT)29 Mort 20 (6-01) $4-2-18$ 21 Matrix 1315 21 Matrix 1315	A CODE COPPER	Special Instructions Report J-Flags
A.M. LD Date Time Sample No. 2 2.016-01 4-2-18 1315 Water 1	IAT Turmaround Codes ** below	Report J-Flags
10-2-016-01 4-2-18 1315 Water 1	>	Report J-Flags
WYY CLARK AND A CL		
lished by	⁻	Received by
ohr	4-2-18 13555 KZ	LLGI
ASSJZIG/ 2 NOT OIL Relinquished by	(Date Time) (V/(8 (626	Received by
Relinquished by	Date Time	Received by



9765 Eton Avenue Chatsworth California 91311 Tel: (818) 998-5547 Fax: (818) 998-7258

May 24, 2018

Neil Irish The Source Group, Inc. (SH) 1962 Freeman Ave. Signal Hill, CA 90755

Re: DFSP Norwalk GWETS NPDES Quarterly / 04-NDLA-013

A5332558 / 8E02020

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received on 05/02/18 16:52 and analyzed in accordance with the attached chain-of-custody.

Unless otherwise noted, all analytical testing was accomplished in accordance with the guidelines established in our Quality Assurance Program Manual, applicable standard operating procedures, and other related documentation. The results in this analytical report are limited to the samples tested and any reproduction thereof must be made in its entirety.

If you have any questions regarding this report or require additional information please call me at American Analytics.

Sincerely,

A

Viorel Vasile Operations Manager



Client: Project No: Project Name:	The Source Group, 04-NDLA-013 DFSP Norwalk GWE		erly		Date Recei	t No: A5332558 (ved: 05/02/18 rted: 05/24/18
Sample ID		Laboratory ID	Matrix	TAT	Date Sampled	Date Received
8260B TPHGA	SOLINEBTEXOXY					
Effluent		8E02020-01	Water	5	05/02/18 08:45	05/02/18 16:52
Effluent-Dup		8E02020-02	Water	5	05/02/18 08:46	05/02/18 16:52
Arsenic Total I	EPA 200.7					
Effluent		8E02020-01	Water	5	05/02/18 08:45	05/02/18 16:52
BOD SM5210B						
Effluent		8E02020-01	Water	5	05/02/18 08:45	05/02/18 16:52
Copper Dissol	ved EPA 200.7					
Effluent		8E02020-01	Water	5	05/02/18 08:45	05/02/18 16:52
Copper Total E	<u>PA 200.7</u>					
Effluent		8E02020-01	Water	5	05/02/18 08:45	05/02/18 16:52
<u>Diesel Range (</u>	Drganics 8015M					
Effluent		8E02020-01	Water	5	05/02/18 08:45	05/02/18 16:52
Effluent-Dup		8E02020-02	Water	5	05/02/18 08:46	05/02/18 16:52
HEM Oil and G	<u>rease 1664</u>					
Effluent		8E02020-01	Water	5	05/02/18 08:45	05/02/18 16:52

A



Client: Project No: Project Name:	The Source Group, I 04-NDLA-013 DFSP Norwalk GWE		erly		Date Recei	No: A5332558 ved: 05/02/18 ted: 05/24/18
Sample ID		Laboratory ID	Matrix	TAT	Date Sampled	Date Received
MBAS SM5540	<u>c</u>					
Effluent		8E02020-01	Water	5	05/02/18 08:45	05/02/18 16:52
<u>Phenols 420.1</u>						
Effluent		8E02020-01	Water	5	05/02/18 08:45	05/02/18 16:52
<u>SS SM2540F</u>						
Effluent		8E02020-01	Water	5	05/02/18 08:45	05/02/18 16:52
Sulfide SM450	<u>0-S=D</u>					
Effluent		8E02020-01	Water	5	05/02/18 08:45	05/02/18 16:52
TDS SM2540C						
Effluent		8E02020-01	Water	5	05/02/18 08:45	05/02/18 16:52
<u>TSS SM2540D</u>						
Effluent		8E02020-01	Water	5	05/02/18 08:45	05/02/18 16:52
Turbidity 180.1	-					
Effluent		8E02020-01	Water	5	05/02/18 08:45	05/02/18 16:52

A



Client: Project No: Project Name: Method:	The Source Group, Ir 04-NDLA-013 DFSP Norwalk GWE General Chemistry A	TS NPDES	Quarterly			Date R	oject No: eceived: eported:	05/02/18	3
AA I.D. No.	Client I.D. No.	Sampled	Prepared	Analyzed	Dilution	Result	Units	MDL	MRL
BOD SM5210B	<u>(SM5210B) *</u>								
8E02020-01	Effluent	05/02/18	05/04/18	05/04/18	1	<5.0	mg/L	5	5
HEM Oil and G	rease 1664 (EPA 1664	<u>4)</u>							
8E02020-01	Effluent	05/02/18	05/09/18	05/09/18	1	<5.0	mg/L	5	10
MBAS SM5540	<u>C (SM5540C) *</u>								
8E02020-01	Effluent	05/02/18	05/03/18	05/03/18	1	<0.050	mg/L	0.05	0.05
Phenols 420.1	(EPA 420.1) *								
8E02020-01	Effluent	05/02/18	05/04/18	05/04/18	1	<0.15	mg/L	0.15	0.3
<u>SS SM2540F (S</u>	M2540F)								
8E02020-01	Effluent	05/02/18	05/03/18	05/03/18	1	<0.100	mL/L	0.1	0.1
Sulfide SM4500	D-S=D (SM4500-S=D)								
8E02020-01	Effluent	05/02/18	05/07/18	05/07/18	1	<0.027	mg/L	0.027	0.05
TDS SM2540C	<u>(SM2540C)</u>								
8E02020-01	Effluent	05/02/18	05/08/18	05/08/18	1	1300	mg/L	6.2	10
TSS SM2540D	(SM2540D)								
8E02020-01	Effluent	05/02/18	05/07/18	05/07/18	1	6.0 J	mg/L	5	10
Turbidity 180.1	<u>(EPA 180.1)</u>								
8E02020-01	Effluent	05/02/18	05/03/18	05/03/18	1	0.69 J	NTU	0.168	1

A



Client: Project No: Project Name: Method:	The Source Group, Inc. (SH) 04-NDLA-013 DFSP Norwalk GWETS NPDES Quarterly TPHG/BTEX/Oxygenates by GC/MS			Date Received Date Reported	AA Project No: A5332558 Date Received: 05/02/18 Date Reported: 05/24/18 Units: ug/L						
Date Sampled:		05/02/18	05/02/18								
Date Prepared:		05/08/18	05/08/18								
Date Analyzed:		05/08/18	05/08/18								
AA ID No:		8E02020-01	8E02020-02								
Client ID No:		Effluent	Effluent-Dup								
Matrix:		Water	Water								
Dilution Factor:		1	1		MDL	MRL					
8260B TPHGASOLINEBTEXOXY (EPA 8260B)											
tert-Amyl Methyl Ether (TAME)		<0.30	<0.30		0.30	2.0					
Benzene		<0.20	<0.20		0.20	0.50					
tert-Butyl alcohol (TBA)		<7.0	<7.0		7.0	10					
Diisopropyl ether (DIPE)		<0.50	<0.50		0.50	2.0					
Ethylbenzene		<0.20	<0.20		0.20	0.50					
Ethyl-tert-Butyl Ether (ETBE)		<0.40	<0.40		0.40	2.0					
Gasoline Range Organics (GRO)		<40	<40		40	100					
Methyl-tert-Butyl Ether (MTBE)		<0.40	<0.40		0.40	2.0					
Toluene		<0.30	<0.30		0.30	0.50					
o-Xylene		<0.30	<0.30		0.30	0.50					
m,p-Xylenes		<0.40	<0.40		0.40	1.0					
<u>Surrogates</u>					%REC Limits						
4-Bromofluorobenzene		108%	113%		70-140						
Dibromofluoromethane		138%	137%		70-140						
Toluene-d8		99%	101%		70-140						

A



Client: Project No: Project Name: Method:	04-NDLA-013 DFSP Norwa	Group, Inc. (SH) 3 Ik GWETS NPDES 9 Organics by GC/F	-		AA Project No: A5332558 Date Received: 05/02/18 Date Reported: 05/24/18 Units: ug/L					
Date Sampled:		05/02/18	05/02/18							
Date Prepared:		05/07/18	05/07/18							
Date Analyzed:		05/08/18	05/08/18							
AA ID No:		8E02020-01	8E02020-02							
Client ID No:		Effluent	Effluent-Dup							
Matrix:		Water	Water							
Dilution Factor	:	1	1			MDL	MRL			
Diesel Range Organics 8015M (EPA 8015M)										
Diesel Range O Diesel	rganics as	<60	<60			60	100			
<u>Surrogates</u> o-Terphenyl		81%	66%			<u>%REC</u> 50-7				

A

Viorel Vasile Operations Manager



Client: Project No: Project Name: Method:	The Source Group, Ir 04-NDLA-013 DFSP Norwalk GWE Dissolved Metals by	AA Project No: A5332558 Date Received: 05/02/18 Date Reported: 05/24/18							
AA I.D. No.	Client I.D. No.	Sampled	Prepared	Analyzed D	Dilution	Result	Units	MDL	MRL
Copper Dissolv 8E02020-01	ved EPA 200.7 (EPA 2 Effluent	2 00.7) 05/02/18	05/03/18	05/04/18	1	<0.014	mg/L	0.014	0.014

A

Viorel Vasile Operations Manager



Client: Project No: Project Name: Method:	The Source Group, Ir 04-NDLA-013 DFSP Norwalk GWE Total Metals by ICP A	AA Project No: A5332558 Date Received: 05/02/18 Date Reported: 05/24/18								
AA I.D. No.	Client I.D. No.	Sampled	Prepared	Analyzed	Dilution	Result	Units	MDL	MRL	
Arsenic Total EPA 200.7 (EPA 200.7)										
8E02020-01	Effluent	05/02/18	05/03/18	05/04/18	1	<0.0060	mg/L	0.006	0.007	
<u>Copper Total E</u>	PA 200.7 (EPA 200.7)	_								
8E02020-01	Effluent	05/02/18	05/03/18	05/04/18	1	<0.014	mg/L	0.014	0.014	

A

Viorel Vasile Operations Manager



Client:The Source Group, Inc. (SH)Project No:04-NDLA-013Project Name:DFSP Norwalk GWETS NPDES Quarterly

AA Project No: A5332558 **Date Received:** 05/02/18 **Date Reported:** 05/24/18

Analyte	Result	Reporting Limit	Units		Source Result		%REC Limits	RPD	RPD Limit	Notes
General Chemistry Analyses - Qu										
Batch B8E0311 - NO PREP										
Blank (B8E0311-BLK1)				Prepare	ed & Anal	lyzed:	05/03/18			
Total Settleable Solids	<0.100	0.100	mL/L	•		,				
Batch B8E0312 - NO PREP										
Blank (B8E0312-BLK1)				Prepare	ed & Ana	lyzed: (05/03/18			
Turbidity	<0.17	0.17	NTU							
Duplicate (B8E0312-DUP1)	:	Source: 8E0	2020-01	Prepare	ed & Ana	lyzed: (05/03/18			
Turbidity	0.660	0.17	NTU		0.690			4.44	15	J
Batch B8E0823 - NO PREP										
Blank (B8E0823-BLK1)				Prepare	ed & Ana	lyzed: (05/07/18			
Total Suspended Solids	<5.0	5.0	mg/L							
LCS (B8E0823-BS1)				Prepare	ed & Ana	lyzed: (05/07/18			
Total Suspended Solids	51.0	5.0	mg/L	50		102	80-120			
LCS Dup (B8E0823-BSD1)				Prepare	ed & Ana	lyzed: (05/07/18			
Total Suspended Solids	47.0	5.0	mg/L	50		94.0	80-120	8.16	20	
Duplicate (B8E0823-DUP1)		Source: 8E0	2020-01	Prepare			05/07/18			
Total Suspended Solids	6.20	5.0	mg/L		6.00			3.28	20	J
Batch B8E0824 - NO PREP										
Blank (B8E0824-BLK1)				Prepare	ed & Ana	lyzed: (05/07/18			
Sulfide	<0.027	0.027	mg/L							
LCS (B8E0824-BS1)					ed & Ana		05/07/18			
Sulfide	0.476	0.027	mg/L	0.50			80-120		25	
LCS Dup (B8E0824-BSD1)					ed & Ana		05/07/18			
Sulfide	0.476	0.027	mg/L	0.50			80-120	0.00	25	
Duplicate (B8E0824-DUP1)		Source: 8E0		Prepare			05/07/18			
Sulfide	<0.027	0.027	mg/L		<0.050				25	
Matrix Spike (B8E0824-MS1)		Source: 8E0				•				
Sulfide	0.495	0.027	mg/L	0.50			75-125		25	
Matrix Spike Dup (B8E0824-MSI		Source: 8E0								
Sulfide	0.528	0.027	mg/L	0.50	<0.050	106	75-125	6.45	25	
Batch B8E0829 - NO PREP										

Ą

Viorel Vasile Operations Manager



Client:	The Source Group, Inc. (SH)
Project No:	04-NDLA-013
Project Name:	DFSP Norwalk GWETS NPDES Quarterly

AA Project No: A5332558 Date Received: 05/02/18 Date Reported: 05/24/18

Analyte	Result	Reporting Limit	Units		Sourc Resul		%REC Limits	RPD	RPD Limit	Notes
General Chemistry Analyses - Qua			0.110	20101	1.0001					110100
Batch B8E0829 - NO PREP	inty Con									
Blank (B8E0829-BLK1)				Droparc	d & An	alvzad: (05/08/18			
Total Dissolved Solids	<6.2	6.2	mg/L	Fiepale		alyzeu. (55/06/16			
LCS (B8E0829-BS1)	\0.2	0.2	mg/∟	Droporo	d 8 ^ n	aluzad: (05/08/18			
Total Dissolved Solids	590	6.2	mg/L	500		118 alyzeu. 0	80-120			
LCS Dup (B8E0829-BSD1)	390	0.2	mg/∟		d & An)5/08/18			
Total Dissolved Solids	590	6.2	mg/L	500		118 alyzeu. 0		0.00	25	
Duplicate (B8E0829-DUP1)		Source: 8E0	-		d & An	-		0.00	25	
Total Dissolved Solids	770	31	mg/L	Fiepale		alyzeu. (55/06/16		20	
Batch B8E1007 - NO PREP	110	51	mg/∟						20	
Blank (B8E1007-BLK1)				Prepare	d & An	alyzed: (05/09/18			
HEM (Oil and Grease)	<5.0	5.0	mg/L							
LCS (B8E1007-BS1)				Prepare	d & An	alyzed: (05/09/18			
HEM (Oil and Grease)	38.3	5.0	mg/L	40		95.8	75-125			
LCS Dup (B8E1007-BSD1)				Prepare	d & An	alyzed: (05/09/18			
HEM (Oil and Grease)	35.2	5.0	mg/L	40		88.0	75-125	8.44	30	
Batch B8E2410 - *** DEFAULT PRE	EP ***									
Blank (B8E2410-BLK1)				Prepare	d & An	alyzed: (05/04/18			*
Biochemical Oxygen Demand	<5.0	5.0	mg/L							
LCS (B8E2410-BS1)				Prepare	d & An	alyzed: (05/04/18			*
Biochemical Oxygen Demand	218	5.0	mg/L	200		110	80-120		15	
LCS Dup (B8E2410-BSD1)				Prepare	d & An	alyzed: ()5/04/18			*
Biochemical Oxygen Demand	198	5.0	mg/L	200		100	80-120	9.62	15	
Duplicate (B8E2410-DUP1)	;	Source: 8E0	2020-01	Prepare	d & An	alyzed: (05/04/18			*
Biochemical Oxygen Demand Batch B8E2411 - NO PREP	<5.0	5.0	mg/L		<5.	.0			15	
Blank (B8E2411-BLK1)				Prepare	d & An	alvzed [.] (05/03/18			*
Methylene Blue Active Substances	<0.050	0.050	mg/L							
LCS (B8E2411-BS1)			g, _	Prepare	d & An	alvzed: (05/03/18			*
Methylene Blue Active Substances	0.456	0.050	mg/L	0.50			75-125		15	
LCS Dup (B8E2411-BSD1)			y , <u>-</u>		d & An		05/03/18			*

A

Viorel Vasile Operations Manager



Client:	The Source Group, Inc. (SH)
Project No:	04-NDLA-013
Project Name:	DFSP Norwalk GWETS NPDES Quarterly

AA Project No: A5332558 **Date Received:** 05/02/18 **Date Reported:** 05/24/18

Analyte	Result	Reporting Limit	Units		Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
General Chemistry Analyses - Qua										
Batch B8E2411 - NO PREP	.,	-								
LCS Dup (B8E2411-BSD1) Contir	nued			Prepare	ed & Analy	/zed: 0	5/03/18			*
Methylene Blue Active Substances		0.050	mg/L	0.50	,		75-125	5.41	15	
Batch B8E2412 - NO PREP			0							
Blank (B8E2412-BLK1)				Prepare	ed & Analy	/zed: 0	5/04/18			*
Phenolics	<0.15	0.15	mg/L							
LCS (B8E2412-BS1)			· ·	Prepare	ed & Analy	/zed: 0	5/04/18			*
Phenolics	0.456	0.15	mg/L	0.50		91.2	80-120		15	
LCS Dup (B8E2412-BSD1)			· ·	Prepare	ed & Analy	/zed: 0	5/04/18			*
Phenolics	0.432	0.15	mg/L	0.50	-	86.4	80-120	5.41	15	
Matrix Spike (B8E2412-MS1)	;	Source: 8E0	02020-01	Prepare	ed & Analy	/zed: 0	5/04/18			*
Phenolics	0.448	0.15	mg/L	0.50	<0.30	89.6	80-120		15	
Matrix Spike Dup (B8E2412-MSD	1) 🗧	Source: 8E0	02020-01	Prepare	ed & Analy	/zed: 0	5/04/18			*
Phenolics	0.459	0.15	mg/L	0.50	<0.30	91.8	80-120	2.43	15	
TPHG/BTEX/Oxygenates by GC/MS	S - Quali	ity Control								
Batch B8E0818 - EPA 5030B		-								
Blank (B8E0818-BLK1)				Prepare	ed & Analy	/zed: 0	5/08/18			
tert-Amyl Methyl Ether (TAME)	<0.30	0.30	ug/L	•						
Benzene	<0.20	0.20	ug/L							
tert-Butyl alcohol (TBA)	<7.0	7.0	ug/L							
Diisopropyl ether (DIPE)	<0.50		ug/L							
Ethylbenzene	<0.20		ug/L							
Ethyl-tert-Butyl Ether (ETBE)	<0.40		ug/L							
Gasoline Range Organics (GRO)	<40		ug/L							
Methyl-tert-Butyl Ether (MTBE)	< 0.40		ug/L							
Toluene	< 0.30		ug/L							
o-Xylene	<0.30 <0.40		ug/L							
m,p-Xylenes			ug/L							
Surrogate: 4-Bromofluorobenzene	51.9		ug/L	50		104	70-140			
Surrogate: Dibromofluoromethane	64.9		ug/L	50		130	70-140			
Surrogate: Toluene-d8	48.4		ug/L	50		96.9	70-140			
LCS (B8E0818-BS1)				Prepare	ed & Analy	/zea: 0	5/08/18			

Ą

Viorel Vasile Operations Manager



Client:	The Source Group, Inc. (SH)
Project No:	04-NDLA-013
Project Name:	DFSP Norwalk GWETS NPDES Quarterly

AA Project No:	A5332558
Date Received:	05/02/18
Date Reported:	05/24/18

Analyte	F Result	Reporting Limit	Units		Source Result %REC	%REC Limits	RPD	RPD Limit	Notes
TPHG/BTEX/Oxygenates by GC/MS	- Qualit	y Control							
Batch B8E0818 - EPA 5030B									
tert-Amyl Methyl Ether (TAME)	17.4	0.30	ug/L	20	87.1	70-130			
Benzene	18.6	0.20	ug/L	20	92.8	75-125			
tert-Butyl alcohol (TBA)	88.4	7.0	ug/L	100	88.4	70-130			
Diisopropyl ether (DIPÉ)	19.7	0.50	ug/L	20	98.6	70-130			
Ethylbenzene	21.1	0.20	ug/L	20	106	75-125			
Ethyl-tert-Butyl Ether (ETBE)	18.8	0.40	ug/L	20	94.0	70-130			
Gasoline Range Organics (GRO)	524	40	ug/L	500	105	70-130			
Methyl-tert-Butyl Ether (MTBE)	45.5	0.40	ug/L	40	114	70-135			
Toluene	18.9	0.30	ug/L	20	94.6	75-125			
o-Xylene	19.6	0.30	ug/L	20	98.0	75-125			
m,p-Xylenes	39.7	0.40	ug/L	40	99.2	70-130			
Surrogate: 4-Bromofluorobenzene	49.1		ug/L	50	98.2	70-140			
Surrogate: Dibromofluoromethane	53.0		ug/L	50	106	70-140			
Surrogate: Toluene-d8	49.1		ug/L	50	98.1	70-140			
Matrix Spike (B8E0818-MS1)	S	ource: 8E0		Prepare	ed & Analyzed: 0	5/08/18			
tert-Amyl Methyl Ether (TAME)	15.6	0.30	ug/L	20	78.0	70-130			
Benzene	17.4	0.20	ug/L	20	87.0	70-130			
tert-Butyl alcohol (TBA)	91.0	7.0	ug/L	100	91.0	70-130			
Diisopropyl ether (DIPE)	18.6	0.50	ug/L	20	93.0	70-130			
Ethylbenzene	21.5	0.20	ug/L	20	107	70-130			
Ethyl-tert-Butyl Ether (ETBE)	17.6	0.40	ug/L	20	88.0	70-130			
Gasoline Range Organics (GRO)	ND	40	ug/L	500		70-130			
Methyl-tert-Butyl Ether (MTBE)	43.6	0.40	ug/L	40	4.75 97.1	70-130			
Toluene	18.4	0.30	ug/L	20	92.0	70-130			
o-Xylene	20.1	0.30	ug/L	20	101	70-130			
m,p-Xylenes	40.1	0.40	ug/L	40	100	70-130			
Surrogate: 4-Bromofluorobenzene	48.8		ug/L	50	97.6	70-140			
Surrogate: Dibromofluoromethane	48.3		ug/L	50	96.6	70-140			
Surrogate: Toluene-d8	50.1		ug/L	50	100	70-140			
Matrix Spike Dup (B8E0818-MSD	,		04005-02	Prepare	ed & Analyzed: 0	5/08/18			
tert-Amyl Methyl Ether (TAME)	17.0	0.30	ug/L	20	84.9	70-130	8.41	30	
Benzene	17.5	0.20	ug/L	20	87.7	70-130	0.744	30	

A

Viorel Vasile Operations Manager



LABORATORY ANALYSIS RESULTS

Project Name: DFSP Norwalk GWETS NPDES Quarterly						Date Reported: 05/24/18							
Analyte	F Result	Reporting Limit	Units		Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes			
TPHG/BTEX/Oxygenates by GC/M	S - Qualit	y Control											
Batch B8E0818 - EPA 5030B													
Matrix Spike Dup (B8E0818-MSD Continued	01) S	ource: 8E0	04005-02	Prepare	ed & Ana	lyzed: 0	5/08/18						
tert-Butyl alcohol (TBA)	99.3	7.0	ug/L	100		99.3	70-130	8.70	30				
Diisopropyl ether (DIPE)	18.8	0.50	ug/L	20		93.9	70-130	0.963	30				
Ethylbenzene	21.1	0.20	ug/L	20		106	70-130	1.55	30				
Ethyl-tert-Butyl Ether (ETBE)	18.3	0.40	ug/L	20		91.4	70-130	3.85	30				
Gasoline Range Organics (GRO)	ND	40	ug/L	500			70-130		30				
Methyl-tert-Butyl Ether (MTBE)	47.6	0.40	ug/L	40	4.75		70-130		30				
Toluene	18.2	0.30	ug/L	20		90.8	70-130	1.26	30				
o-Xylene	19.5	0.30	ug/L	20		97.4	70-130	3.28	30				
m,p-Xylenes	39.2	0.40	ug/L	40		97.9	70-130	2.35	30				
Surrogate: 4-Bromofluorobenzene	49.2		ug/L	50		98.5	70-140						
Surrogate: Dibromofluoromethane	48.7		ug/L	50		97.4	70-140						
Surrogate: Toluene-d8	49.3		ug/L	50		98.6	70-140						
Diesel Range Organics by GC/FID	- Quality	Control											
Batch B8E0735 - EPA 3510C													
Blank (B8E0735-BLK1)				Prepare	ed: 05/07	/18 Ana	alyzed: 0	5/08/18					
Diesel Range Organics as Diesel	<60	60	ug/L										
Surrogate: o-Terphenyl	33.1		ug/L	40		82.8	50-150						
LCS (B8E0735-BS1)			0	Prepare	ed: 05/07	/18 Ana	alvzed: 0	5/08/18					
Diesel Range Organics as Diesel	600	60	ug/L	800			, 75-125		30				
Surrogate: o-Terphenyl	30.3		ug/L	40		75.7	50-150						
LCS Dup (B8E0735-BSD1)			0	Prepare	ed: 05/07		alvzed: 0	5/08/18					
Diesel Range Organics as Diesel	620	60	ug/L	800			, 75-125	3.28	30				
Surrogate: o-Terphenyl	26.3		ug/L	40		65.7	50-150						
Dissolved Metals by ICP Atomic E	mission S	Spectrosco	py - Qu	ality Cor	ntrol								
Batch B8E0315 - EPA 3010A			1.7 -1.4		-								
Blank (B8E0315-BLK1)				Prepare	ed: 05/03	/18 Ana	alyzed: 0	5/04/18					
Copper	<0.014	0.014	mg/L	•			, -						
LCS (B8E0315-BS1)				Prepare	ed: 05/03	/18 Ana	alyzed: 0	5/04/18					

A

Viorel Vasile **Operations Manager** AA Project No: A5332558

Date Received: 05/02/18



LABORATORY ANALYSIS RESULTS

Client: Project No: Project Name:	04-NDLA-013	The Source Group, Inc. (SH) 04-NDLA-013 DFSP Norwalk GWETS NPDES Quarterly						AA Project No: A5332558 Date Received: 05/02/18 Date Reported: 05/24/18						
Analyte		Result	Reporting Limit	Units		Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes			
Dissolved Metals	s by ICP Atomic E	mission	Spectrosco	py - Qua	ality Cor	ntrol								
Batch B8E0315	- EPA 3010A													
LCS (B8E0315-	-BS1) Continued				Prepare	ed: 05/03/	18 Ana	alyzed: 05	5/04/18					
Copper	•	1.06	0.014	mg/L	1.0		106	80-120		20				
LCS Dup (B8E	0315-BSD1)			0	Prepare	ed: 05/03/	18 Ana	alyzed: 05	5/04/18					
Copper	,	1.05	0.014	mg/L	1.0		105	80-120		20				
Matrix Spike (E	38E0315-MS1)	S	Source: 8E0	2022-06	Prepare	ed: 05/03/	18 Ana	alyzed: 05	5/04/18					
Copper		1.08	0.014	mg/L	1.0		108	75-125		20				
Matrix Spike D	up (B8E0315-MSD	01) 5	Source: 8E0	2022-06	Prepare	ed: 05/03/	18 Ana	alyzed: 05	5/04/18					
Copper	••	1.05	0.014	mg/L	1.0		105	75-125	2.63	20				
Total Metals by I	CP Atomic Emiss	ion Spec	troscopy - (Quality (Control									
Batch B8E0314		•												
Blank (B8E031	4-BLK1)				Prepare	ed: 05/03/	18 Ana	alyzed: 05	5/04/18					
Copper	,	<0.014	0.014	mg/L	•			,			;			
Arsenic		<0.0060	0.0060	mg/L										
LCS (B8E0314-	-BS1)			-	Prepare	ed: 05/03/	18 Ana	alyzed: 05	5/04/18					
Copper	-	1.06	0.014	mg/L	1.0		106	80-120		20				
Arsenic		1.18	0.0060	mg/L	1.0		118	80-120		20				
LCS Dup (B8E	0314-BSD1)				Prepare	ed: 05/03/	18 Ana	alyzed: 05	5/04/18					
Copper		1.05	0.014	mg/L	1.0		105	80-120	1.32	20				
Arsenic		1.11	0.0060	mg/L	1.0		111	80-120	6.29	20				
Duplicate (B8E	0314-DUP1)	5	Source: 8E0	2022-06	Prepare	ed: 05/03/	18 Ana	alyzed: 05	5/04/18					
Copper		<0.014	0.014	mg/L						30				
Arsenic		<0.0060	0.0060	mg/L						30				
Matrix Spike (E	38E0314-MS1)		Source: 8E0	2020-01					5/04/18					
Arsenic		1.00	0.0060	mg/L	1.0	<0.0070	100	75-125		20				
Copper		1.07	0.014	mg/L	1.0	<0.014		75-125		20				
	up (B8E0314-MSD	,	Source: 8E0						5/04/18					
Copper		1.04	0.014	mg/L	1.0	< 0.014	104	75-125	2.94	20				
Arsenic		0.997	0.0060	mg/L	1.0	<0.0070	99.7	75-125	0.470	20				

A

Viorel Vasile **Operations Manager**



Client:	The Source Group, Inc. (SH)
Project No:	04-NDLA-013
Project Name:	DFSP Norwalk GWETS NPDES Quarterly

AA Project No: A5332558 **Date Received:** 05/02/18 **Date Reported:** 05/24/18

Special Notes

[1] = * : Subcontracted to a DOHS State-Certified Laboratory

J : Detected but below the Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag).

A

Viorel Vasile Operations Manager



2834 & 2908 North Naomi Street Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181 Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

Ordered By

Ame	rican Analytics
976	5 Eton Avenue
Cha	tsworth, CA 91311-4306

Telephone: (818)998-5547 Attention: Viorel Vasile

Numbe	r of Pages	7
Date	Received	05/03/2018
Date	Reported	05/10/2018

Job Number	Order Date	Client
92506	05/03/2018	AA

Project ID: A5332558/8E02020 Project Name: PO# SUB03537-A5332558

> Enclosed please find results of analyses of 1 water sample which was analyzed as specified on the attached chain of custody. If there are any questions, please do not hesitate to call.

Checked By:

2

Approved By: _____ C. Raymana

Cyrus Razmara, Ph.D. Laboratory Director

A.A. COC No.: 70051413 Page of of			P.O. No.: SUBO3537- AS332678		e)		/ Special Instructions		SN S210B	2 M ST40C	EDA-420.1		Norway NH	The V Con	I Mart To			Received by	Teer Received by	Received by		Ilyses performed on this project.
l	Sampler's Name:	Sampler's Signature:	P.O. No	Quote No.:	STED (Test Name			Ind Codes ** helow										Time 10:22	Time 1205	Time		ient-requested ana to American Analyi
RECORD		Sam			ANALYSIS REQUESTED (Test Name)	Saray		Plassa enter the TAT Tumaround Codes										Date S- 3-18	SISIX	Date		nd any additional cli al of the sample(s) t
VALYTICS CHAIN-OF-CUSTODY 9765 ETON AVE., CHATSWORTH, CA 91311 Tel: 818-998-5547 FAX: 818-998-7258	5332558/82020	4		7		12/2/		No.	N Cont									Relinduithed by	Relinquished by	Relinquished by		d on this chain of custody form a ter 45 days following the submitt
TCS CHAIP N AVE., CHATSW 8-998-5547 FAX:	4	ress:	City:	t Zip:			s (Standard TA	Time Matrix	UC 1.1 atter		-							Ω.	£.	Ľ.		ervices requeste
ALYTIC 765 ETON AV Tel: 818-998	Project Name / No.:	Site Address:		State & Zip:		72 Hour Rush 5 Day Rush	10 Working Days (Standard TAT)	Date	S/218 ague	1												es to pay for the set. Sample(s) will t
AMERICAN ANALYTICS CHAIN-OF-CUSTODY RECORD 9765 ETON AVE., CHATSWORTH, CA 91311 Tei: 818-998-5547 FAX: 818-998-7258	ANALLER	el Valle			TAT Turnaround Codes **	sh (4) (5) =	= X	A.A. I.D.	1 ND6. 01									For Laboratory Use				American Analytics, client agree n 30 days from the date of invoic
AMERICAN	Client: AMERICA	Project Manager: VI 976	Phone:	Fax:		(1) = Same Day Rush $(2) = 24 Hour Rush$	(3) = 48 Hour Rush	Client I.D.	10-0606038									Forl			A.A. Project No.:	Note: By relinquishing samples to American Analytics, client agrees to pay for the services requested on this chain of custody form and any additional client-requested analyses performed on this project. Payment for services is due within 30 days from the date of invoice. Sample(s) will be disposed of after 45 days following the submittal of the sample(s) to American Analytics.



l,

2834 North Naomi Street Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181 Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

COOLER RECEIPT FORM												
Client Name: American	Ana	lytics										
Project Name:	Project Name:											
AETL Job Number: 92505 &	AETL Job Number: 92505 & 92506 1 1											
Date Received: 05/03/18 Rece	Date Received: 05/03/18 Received by: Lean clande											
Carrier: AETL Courier Client GSO FedEx UPS												
□Others:												
Samples were received in: Cooler () Other (Specify):												
Inside temperature of shipping container No 1:	2.4%	No 2: , No	3:									
Type of sample containers: VOA,	ttles, 🗆	Wide mouth jars	MI HDPE bottles,									
□ Metal sleeves, □ Others (Specify):		54.5°										
How are samples preserved: None, Ice,												
		ZnOAc, HC	l, Na ₂ S ₂ O ₃ MeOH									
Cother (Specify): H2S	04											
1. Are the COCs Correct?	Yes	NO, explain below	Name, if client was notified.									
2. Are the Sample labels legible?	X											
3. Do samples match the COC?	X											
4. Are the required analyses clear?	X											
5. Is there enough samples for required analysis?	X											
6. Are samples sealed with evidence tape?	NA											
7. Are sample containers in good condition?	X											
8. Are samples preserved?	X											
	\times											
	10											
	10-1	·										
11. Ale me jais nee of neadspace?	4											
 9. Are samples preserved? 9. Are samples preserved properly for the intended analysis? 10. Are the VOAs free of headspace? 11. Are the jars free of headspace? 	X											

Explain all "No" answers for above questions:



2834 & 2908 North Naomi Street Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181 Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

Page: 1 A

Ordered By

American Analytics 9765 Eton Avenue Chatsworth, CA 91311-4306

Telephone: (818)998-5547 Attention: Viorel Vasile

Project ID: A5332558/8E02020
Date Received 05/03/2018
Date Reported 05/10/2018

Job Number	Order Date	Client
92506	05/03/2018	AA

CERTIFICATE OF ANALYSIS CASE NARRATIVE

AETL received 1 samples with the following specification on 05/03/2018.

La	b ID	Sample ID	Sample Date	Mat:	rix		Quantity Of	Containers
9250	5.01	8E02020-01	05/02/2018	Aque	eous		2	
	Metho	d ^ Submethod	Req	Date	Priority	TAT	Units	
	420.1		05/10	0/2018	2	Normal	mg/L	
	SM-554	40C	05/10	0/2018	2	Normal	mg/L	
	SM521	0B	05/10	0/2018	2	Normal	mg/L	

The samples were analyzed as specified on the enclosed chain of custody. No analytical non-conformances were encountered.

Checked By:

CZ_

Approved By:

Cyrus Razmara, Ph.D. Laboratory Director



2834 & 2908 North Naomi Street Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181 Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

ANALYTICAL RESULTS

Ordered By

American Analytics		
9765 Eton Avenue		
Chatsworth, CA 913	11-4306	
Telephone: (818)99	8-5547	
Attn: Viorel V	/asile	
Page:	2	
Project ID:	A5332558/8E02020	AETL C
Project Name:	PO# SUB03537-A5332558	

AETL JO	AETL C	Job	Number	Sul	omitted	Client
92		925	606	05	/03/2018	AA

Method: 420.1, Phenolics, Total Recoverable, Spectrophotometric, Manual

QC Batch No: PH050418-1

Our Lab I.D.			Method Blank	92506.01		
Client Sample I.D.				8E02020-01		
Date Sampled				05/02/2018		
Date Prepared			05/04/2018	05/04/2018		
Preparation Method			420.1	420.1		
Date Analyzed			05/04/2018	05/04/2018		
Matrix			Aqueous	Aqueous		
Units			mg/L	mg/L		
Dilution Factor			1	1		
Analytes	MDL	PQL	Results	Results		
Phenolic compounds as phenol	0.15	0.30	ND	ND		



2834 & 2908 North Naomi Street Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181 Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

ANALYTICAL RESULTS

Ordered By

American Analytic	American Analytics								
9765 Eton Avenue									
Chatsworth, CA 91311-4306									
Telephone: (818)998-5547									
Attn: Viorel	1								
Page:	3								
Project ID: Project Name:	A5332558/8E02020 PO# SUB03537-A5332558								

AETL Job Number		
92506		

Method: SM-5540C, Methylene Blue Active Substances (MBAS)

QC Batch No: MB050318-1

Our Lab I.D.			Method Blank	92506.01		
Client Sample I.D.				8E02020-01		
Date Sampled				05/02/2018		
Date Prepared			05/03/2018	05/03/2018		
Preparation Method			SM5540C	SM5540C		
Date Analyzed			05/03/2018	05/03/2018		
Matrix			Aqueous	Aqueous		
Units			mg/L	mg/L		
Dilution Factor			1	1		
Analytes	MDL	PQL	Results	Results		
Surfactants (MBAS)	0.05	0.05	ND	ND		



2834 & 2908 North Naomi Street Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181 Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

ANALYTICAL RESULTS

Ordered By

American Analytics	
9765 Eton Avenue	
Chatsworth, CA 913	11-4306
Telephone: (818)99	98-5547
Attn: Viorel V	
Page:	4
Project ID: Project Name:	A5332558/8E02020 PO# SUB03537-A5332558

	AETL Job Number	Submitted	Client
3	92506	05/03/2018	AA

Method: SM5210B, Biochemical Oxygen Demand 5 days, @ 20C (Standard Methods)

QC Batch No: BO050418-1

Our Lab I.D.			Method Blank	92506.01		
Client Sample I.D.			8E02020-01			
Date Sampled			05/02/2018			
Date Prepared		05/04/2018	05/04/2018			
Preparation Method			SM5210B	SM5210B		
Date Analyzed			05/09/2018	05/09/2018		
Matrix			Aqueous	Aqueous		
Units			mg/L	mg/L		
Dilution Factor			1	1		
Analytes	MDL	PQL	Results	Results		
Biochemical Oxygen Demand (BOD)	5.0	5.0	ND	ND		



2834 & 2908 North Naomi Street Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181 Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

QUALITY CONTROL RESULTS

Ordered By

American Analytics						
9765 Eton Avenue						
Chatsworth, CA 913	311-4306					
Telephone: (818)9	98-5547					
Attn: Viorel	Vasile					
Page:	5					
Project ID: A5332558/8E02020		AETL J	ob Number	Submitted	Client	
Project Name:	PO# SUB03537-A5332558	9	92506	05/03/2018	AA	

Method: 420.1, Phenolics, Total Recoverable, Spectrophotometric, Manual

QC Batch No: PH050418-1; Dup or Spiked Sample: 92506.01; LCS: Clean Water; QC Prepared: 05/04/2018; QC Analyzed: 05/04/2018; Units: mg/L

	Sample	MS	MS	MS	MS DUP	MS DUP	MS DUP	RPD	MS/MSD	MS RPD
Analytes	Result	Concen	Recov	% REC	Concen	Recov	% REC	%	% Limit	% Limit
Phenol	0.00	0.500	0.448	89.6	0.500	0.459	91.8	2.4	80-120	<15

QC Batch No: PH050418-1; Dup or Spiked Sample: 92506.01; LCS: Clean Water; QC Prepared: 05/04/2018; QC Analyzed: 05/04/2018; Units: mg/L

	LCS	LCS	LCS	LCS DUP	LCS DUP	LCS DUP	LCS RPD	LCS/LCSD	LCS RPD	
Analytes	Concen	Recov	% REC	Concen	Recov	% REC	% REC	% Limit	% Limit	
Phenol	0.500	0.456	91.2	0.500	0.432	86.4	5.4	80-120	<20	



2834 & 2908 North Naomi Street Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181 Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

QUALITY CONTROL RESULTS

Ordered By

American Analytics					
9765 Eton Avenue					
Chatsworth, CA 913	311-4306				
Telephone: (818)99	98-5547				
Attn: Viorel	Vasile				
Page:	6				
Project ID:	A5332558/8E02020	AETL Job Number	Submitted	Client	
Project Name:	PO# SUB03537-A5332558	92506	05/03/2018	AA	

Method: SM-5540C, Methylene Blue Active Substances (MBAS)

QC Batch No: MB050318-1; Dup or Spiked Sample: 92512.01; LCS: Clean Water; QC Prepared: 05/03/2018; QC Analyzed: 05/03/2018; Units: mg/L

	MS	MS	MS	MS DUP	MS DUP	MS DUP	RPD	MS/MSD	MS RPD	
Analytes	Concen	Recov	% REC	Concen	Recov	% REC	%	% Limit	% Limit	
Surfactants (MBAS)	0.500	0.439	87.8	0.500	0.442	88.4	<1	80-120	<15	

QC Batch No: MB050318-1; Dup or Spiked Sample: 92512.01; LCS: Clean Water; QC Prepared: 05/03/2018; QC Analyzed: 05/03/2018; Units: mg/L

	LCS	LCS	LCS	LCS DUP	LCS DUP	LCS DUP	LCS RPD	LCS/LCSD	LCS RPD	
Analytes	Concen	Recov	% REC	Concen	Recov	% REC	% REC	% Limit	% Limit	
Surfactants (MBAS)	0.500	0.448	89.6	0.500	0.453	90.6	1.1	80-120	<15	



2834 & 2908 North Naomi Street Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181 Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

QUALITY CONTROL RESULTS

Ordered By

American Analytics						
9765 Eton Avenue						
Chatsworth, CA 913	311-4306					
Telephone: (818)99	98-5547	-				
Attn: Viorel	Vasile					
Page:	7					
Project ID:	A5332558/8E02020		AETL Job Number	Submitted	Client	
Project Name:	PO# SUB03537-A5332558		92506	05/03/2018	AA	

Method: SM5210B, Biochemical Oxygen Demand 5 days, @ 20C (Standard Methods)

QC Batch No: BO050418-1; Dup or Spiked Sample: 92506.01; LCS: Clean Water; LCS Prepared: 05/04/2018; LCS Analyzed: 05/09/2018; Units: mg/L

	SM	SM DUP	RPD	SM RPD			
Analytes	Result	Result	%	% Limit			ĺ
Biochemical Oxygen Demand (BOD)	ND	ND	<1	<15			ĺ

QC Batch No: BO050418-1; Dup or Spiked Sample: 92506.01; LCS: Clean Water; LCS Prepared: 05/04/2018; LCS Analyzed: 05/09/2018; Units: mg/L

	LCS	LCS	LCS	LCS DUP	LCS DUP	LCS DUP	LCS RPD	LCS/LCSD	LCS RPD	
Analytes	Concen	Recov	% REC	Concen	Recov	% REC	% REC	% Limit	% Limit	
Biochemical Oxygen Demand (BOD)	198	218	110	198	226	114	3.6	80-120	<15	



2834 & 2908 North Naomi Street, Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181 Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

Data Qualifiers and Descriptors

Data Qualifier:

#:	Recovery is not within acceptable control limits.
*:	In the QC section, sample results have been taken directly from the ICP reading. No preparation factor has been applied.
B:	Analyte was present in the Method Blank.
D:	Result is from a diluted analysis.
E:	Result is beyond calibration limits and is estimated.
H:	Analysis was performed over the allowed holding time due to circumstances which were beyond laboratory control.
J:	Analyte was detected . However, the analyte concentration is an estimated value, which is between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL).
M:	Matrix spike recovery is outside control limits due to matrix interference. Laboratory Control Sample recovery was acceptable.
MCL:	Maximum Contaminant Level
NS:	No Standard Available
S6:	Surrogate recovery is outside control limits due to matrix interference.
S8:	The analysis of the sample required a dilution such that the surrogate concentration was diluted below the method acceptance criteria.
X:	Results represent LCS and LCSD data.

Definition:

%Limi:	Percent acceptable limits.
%REC:	Percent recovery.
Con.L:	Acceptable Control Limits
Conce:	Added concentration to the sample.
LCS:	Laboratory Control Sample
MDL:	Method Detection Limit is a statistically derived number which is specific for each instrument, each method, and each compound. It indicates a distinctively detectable quantity with 99% probability.



2834 & 2908 North Naomi Street, Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181 Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

Data Qualifiers and Descriptors

MS: Matrix Spike
MS DU: Matrix Spike Duplicate
ND: Analyte was not detected in the sample at or above MDL.
PQL: Practical Quantitation Limit or ML (Minimum Level as per RWQCB) is the minimum concentration that can be quantified with more than 99% confidence. Taking into account all aspects of the entire analytical instrumentation and practice.
Recov: Recovered concentration in the sample.
RPD: Relative Percent Difference

Client: The Source Group, Inc. Project Name Project Manager: Neil Irish Site Add	Tel: 818-998-5547	FAX: 818-998-7258	9-998-72	7								Dane 1 of 2
Manager: Neil Irish 562-597-1055	/ No.:	DFSP-Norwalk /091-NDLA /Quarterly NPDES	walk /0	JON-16	A /Que	arterly I	VPDES		Sampier's Name:	s Name		And America
L E		15306 Norwalk Blvd	rwalk B	pv				Sampl	Sampler's Signature:	mature		M. O. D. D.
	CHY:	Norwalk				a substantia de la companya de la co			. 0.	P.O. No.		
Fax: 569-597-1070 St	State & Zip:	CA 90650	(******			ß	Quote No.:		
TAT Turnaround Codes **						ANAL	YSIS RE	OUESI	ANALYSIS REQUESTED (Test Name)	st Name		ويستعربهم ومراجع والمعاصية والمراقبة المتعارين والمتعارين مراجع المراجع والمحاوم ومراجع والمراجع والمحافظ
(1) = Same Day Rush(4) = 72 Hour Rush(2) = 24 Hour Rush(5) = 5 Day Rush(3) = 48 Hour RushX = 10 Working Day	72 Hour Rush 5 Day Rush 10 Working Days (Standard TAT)	dard TAT)		DIELTER		Alibid'	O See C		spilee at	Preso	evito A suite en	
Clent I.D. Date Date	a li	Sample Matrix	No.	S DHAT	Please enter the TOS T	TT , SOT TAT	SOO8	DI S IO	Мş	1		mstructions
Effluent 8 80 22 20-0(5-2-11	084/5	Water	1811	217	$\overline{\mathbf{N}}$					<u> </u>		Report J-Flags
Effluent-Dup S-2-1/		Water	4				 	<u> </u>				a de la companya de
				┞╌┨			$\left \right $			$\left \right $		
									┉╢			
				-	-		\top	+	-	_		والمحافظة
			_	<u> </u>			<u> </u>		-			ومستقبلا والمحافظ والمحافية والمحافظ
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				$\left - \right $								n en
17							-+					
(1) (1) (2) (2) and (2) (2) (2) (2) (2) (2) (2) (2) (2) (2)				~								والمتعاولية والمحافظة والمحافظة والمحافظة والمحافظة والمحافظة والمحافظة والمحافظة والمحافظة والمحافظة والمحافظ
			-	-	-		-		+			والمتعارفة والمحافظة
				$\left - \right $			┢╌┥					
· · · · · · · · · · · · · · · · · · ·									-			
		Allinin (Relinquished by	by Saller		- ² 0	Date 5-2-17	<u> </u>	Time 12:55		Ś	Received by
ASJ32558/8E02070			Relinquistred by	<u>a</u>	Ċ	N N	Date 2/13		Time			Received by
	:	Relinc	Relinquished by	λa			Date		Time			Received by

5		T.						2							T		1							 		
15330 Page 2 of	Gland Anderica	AP On D		a successive of the state of the	والمحاج والمحاج والمحاج والمحاج والمحاجز والمحاجز والمحاجز والمحاج والمحاج والمحاج والمحاجم والمحاجم والمحاجم		Special		Report J-Flags							And a second		voide de la companya				received by	Received by	Received by	erformed on this project.	
	Sampler's Name:	Sampler's Signature:	P.O. No.:	Quote No.:	TED (Test Name)			d Codes ** below													Time		Time	Time	requested analyses pe	mencan Analylics.
RECORD	1	Samp	a mana a mana na mana n Na mana na mana n	والمعارضة والمحالية	ANALYSIS REQUESTED (Test Name)			Bit Bit Image: Contract of the second secon								· · ·					Data				id any additional client	a of the sample(s) to A
JF-CUSTODY H, CA 91311 88-7258	DFSP - Norwalk / 091-NDLA/ Monthly NPDES	alk Blvd		للمرتبع سرابي المراجب المراجع المعالم والمحالية والمحالية والمحالية المراجع المراجع المراجع المراجع المراجع الم		Cobbet	Concession of	No. 6010B							· · · · · · · · · · · · · · · · · · ·						Reliminished hv	On Lealer	Reinquished by	Relinquished by	o chain of custody form as	cusposed of aner 45 cays to mercar the such that of the sample(s) to American Analytics.
VALYTICS CHAIN-OF-CUST 9765 ETON AVE., CHATSWORTH, CA 91311 Tel: 818-998-5547 FAX: 818-998-7258	No.: DFSP - Now	ses: 15306 Norwalk Blvd	City: Norwalk	Zip: CA 90650			(Standard TAT)	Sample Natrix	5 Water													Alexa Ond		Relinqui	ices requested on this discussed of ofter 45 d	10 C+ Millia III DEMONIST
NALYTICS C) 9765 ETON AVE., CI Tel: 818-998-5547	Project Name / 1	Site Address:	v	State & .	**	72 Hour Rush 5 Day Rush	10 Working Days	Date	5-2-11 084	-		and the second se													bes to pay for the service Samula(s) will have	on nu (sindune ro
AMERICAN ANALYTICS CHAIN-OF-CUSTODY RECORD 9765 ETON AVE., CHATSWORTH, CA 91311 Tai: 818-998-5547 FAX: 818-998-7258	Group, Inc.				TAT Turnaround Codes	y Rush 🕹 = Sush	Rush X =		202020-01		والمؤدم والمراسب والمراجعة والمراجعة والمحاصر والمحاصمة والمحاصر والمحاصر والمحاصر والمحاصر والمحاصر		فدخنية الإمار والمالة فأستعسب بالمحاطة المالاتين المالاتين ومالالها المالية والمحافية المالي سرباء سلار المالات والم	وليحرب بالمحافظ والمحافظ بالجانية بالمارين والمحافظ والمحافظ والمحافظ والمحافظ والمحافظ والمحافظ والمحافظ	وليه بلا بالإسلام الم المالية المالية المالية المالية. من الله المالية المالية المالية المالية المالية المالية	IV J NN		HE AD a AL	STASM /				X < 2 2 1 5 5 8 / 2 5 0 7 0 1 2		Vole: By relinquishing samples to American Analytics, client agrees to pay for this services requested on this chain of custody form and any additional client-requested analyses performed on this project. Journant for services is due unitin 30 date of innoise Samnolol with be diamond of afree following to the contribution of the control of the	invin lo anan an nuni sian w
	APEX/The Source Group, Inc.	Project Manager: Neil Irish	562-597-1055	569-597-1070		 Same Day Rush 2 + Hour Rush 	3 = 48 Hour Rush	Client I.D.				eran. General provide a state of the state o		and the second		ning and a second s	01cm		No al	+ toma			5121558	100000000	relinquishing samples to A for services is the utitio 3	· Heima dan Si Sidaa isa na
AMERICAN AMERICAN	Client: A	Project Ma	Phone: 56	Fax: 569-				5	Effluent	in the Olive development of the Oliveria		a man ta ann an a			an a	a Dala (an de managemente de promy presigne) ado							X Z		tote: By reline	2 ini mania 2



9765 Eton Avenue Chatsworth California 91311 Tel: (818) 998-5547 Fax: (818) 998-7258

May 29, 2018

Neil Irish The Source Group, Inc. (SH) 1962 Freeman Ave. Signal Hill, CA 90755

Re: DFSP Norwalk / 04-NDLA-007

A5332590 / 8E23012

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received on 05/23/18 20:06 and analyzed in accordance with the attached chain-of-custody.

Unless otherwise noted, all analytical testing was accomplished in accordance with the guidelines established in our Quality Assurance Program Manual, applicable standard operating procedures, and other related documentation. The results in this analytical report are limited to the samples tested and any reproduction thereof must be made in its entirety.

If you have any questions regarding this report or require additional information please call me at American Analytics.

Sincerely,

¥

Viorel Vasile Operations Manager

LABORATORY REPORT



"dedicated to providing quality aquatic toxicity testing"

4350 Transport Street, Unit 107 Ventura, CA 93003
(805) 650- 0546 FAX (805) 650-0756 CA ELAP Cert. No.: 1775

Date: May 28, 2018

Client: American Analytics 9765 Eton Avenue Chatsworth, CA 91311 Attn: Viorel Vasile

Laboratory No.:	A-18052403-001
Project No.:	A5332590
Sample ID.:	8E23012-01

Sample Control: The sample was received by ATL chilled and with the chain of custody record attached.

Date Sampled:	05/23/18
Date Received:	05/24/18
Temp. Received:	5.9°C
Chlorine (TRC):	0.0 mg/l
Date Tested:	05/24/18 to 05/28/18

Sample Analysis:The following analyses were performed on your sample:Fathead Minnow 96hr Percent Survival Bioassay (EPA-821-R-02-012 Method 2000.0);

Attached are the test data generated from the analysis of your sample. All testing was conducted under the direct supervision of Joseph A. LeMay. Daily test readings were taken by Joseph A. LeMay (initials: JAL) and Jacob LeMay (initials: J).

Result Summary:

Sample ID. 8E23012-01 <u>Results</u> 100% Survival (TUa = 0.0)

Quality Control:

Reviewed and approved by:

Joseph A

Laboratory Director

FATHEAD MINNOW PERCENT SURVIVAL TEST EPA Method 2000.0



Lab No.: A-18052403-001 Client/ID: American Analytics 8E23012-01

Start Date: 05/24/2018

TEST SUMMARY

Species: *Pimephales promelas*. Age: <u>14</u> (1-14) days. Regulations: NPDES. Test solution volume: 250 ml. Feeding: prior to renewal at 48 hrs. Number of replicates: 4. Control water: Moderately hard reconstituted water. Photoperiod: 16/8 hrs light/dark. Source: In-laboratory Culture. Test type: Static-Renewal. Test Protocol: EPA-821-R-02-012. Endpoints: Percent Survival at 96 hrs. Test chamber: 600 ml beakers. Temperature: 20 +/- 1°C. Number of fish per chamber: $\cancel{}$. QA/QC No.: RT-180503.

			IESI.	DAIA					
		°C	DO			# C	Dead		Analyst & Time
	·	C	DO	рН	А	В	С	D	of Readings
INITIAL	Control	205	8.4	B . O	0	6	0	0	2 5-24-18
	100%	20.6	6.)	7.3	Ũ	0	0	0	1115
24 Hr	Control	20%	8.3	7.8	\mathcal{O}	\mathcal{O}	0	0	pe-
24 ПІ	100%	20.6	8.0	8.3	0	\mathcal{O}	\cup	0	5-25-18 1100
48 Hr	Control	28-7	7-3	7-8	0	Ù	\cup	U	p.
40 111	100%	20.8	6.2	8.0	U	0	0	\mathcal{O}	5-26-151115
Renewal	Control	20.6	8.4	8.0	U	c	C	0	n
Kellewal	100%	20.6	8.5	8.1	V	0	0	0	5-26-18 1115
72 Hr	Control	20.7	8.1	27	ΰ	U	c	U	m
/2111	100%	20-8	7.3	7.8	\mathcal{C}	α	U	C	5-27-18 1130
96 Hr	Control	20.7	8.0	7.9	Ο	0	\mathcal{C}	0	2
90111	100%	20-8	6.7	7.9	U	0	\circ	U	5-28-15 1115
Alkalin Sample Control: Al Test solutio Original san	eceived: Chlorine: ity: <u>57</u> mg/l; H aerated moderate kalinity: <u>6</u> m n aerated (not to e nple used for rene Dxygen (DO) readi	lardness: <u>7</u> ly (approx. g/l; Hardne xceed 100 l wal kept at	86 mg/l; 500 ml/mi ss: 87 bubbles/m 0-6°C with	Conduction) to raise mg/l.; Cor in) to main	vity: 2 or low nductiv ntain D	(8) uer DO? ity:_ 2 0 >4.0	mho; N ? Yes <i>,</i> 9 	$H_3-N:$ (M) (M)	<u>∕∙ 8</u> mg/l.

RESULTS

	Percent Survival In:	Control: 100	_%	100% Sample:	%	
뜨						

TEST DATA

3786 ETON MC CMATSWORTH, CA 91311 70051495 278.0 ETON MC CMATSWORTH, CA 9131 2751.C C) 38mpler's Name: 2916 ELINE AMERICA: J MULL-CTIS Froid Elines 20051495 2916 ELINE MC 2010 2004 20051495 2916 ELINE MC 2010 2004 200.051495 2916 ELINE MC 2010 2010 200.0515 2916 ELINE MC 2010 2010 200.005 2917 ELINE MC 2010 2010 200.005 2011 O. 2010 2010 2010 200.005 2011 O. 2010 2010 2010 2010 2010 O. <th>AMERICAN LESTANG LESS</th> <th>AMERICAN ANALYTI</th> <th>NALYTICS C</th> <th>O-NIAIN-O</th> <th>CS CHAIN-OF-CUSTODY RECORD</th> <th>/ RECORD</th> <th><u>v</u></th> <th>A.A. COC No.:</th>	AMERICAN LESTANG LESS	AMERICAN ANALYTI	NALYTICS C	O-NIAIN-O	CS CHAIN-OF-CUSTODY RECORD	/ RECORD	<u>v</u>	A.A. COC No.:
Client: FAVE_TACATA Full Lett 1 Fonder Manues: Sample's Binature: Price: Dig Sup Address: Sup Addres:	ANALYTICS		9765 ETON AVE., C Tel: 818-998-554	CHATSWORTH	H, CA 91311 98-7258			495
Manager: Vi 1 or eliticationa Standares: Sampler's Signature: chy: chy: chy: p.0. loc_VCYSCG4+LV State & Zi: chy: chy: p.0. loc_VCSYSCG4+LV I at Turnaround cooles ** 0 7 Hour Runn 2006 hour I a sum Runn I a sum Runn I a sum Runn I a sum Runn I a sum Runn I a sum Runn I a sum Runn I a sum Runn I a sum Runn I a sum Runn I a sum Runn I a sum Runn I a sum Runn I a sum Runn I a sum Runn I a sum Runn I a sum Runn I a sum Runn I a sum Runn I a sum Runn I a sum Runn I a sum Runn I a sum Runn I a sum Runn I a sum Runn I a sum Runn I a sum Runn I a sum Runn I a sum Runn I a sum Runn I a sum Runn I a sum Runn I a sum Runn I a sum Runn I a sum Runn I a sum Runn I a sum Runn I a sum Runn I a sum Runn I a sum Runn I a sum Runn I a sum Runn I a sum Runn I a sum Runn I a sum Runn I a sum Runn I a sum Runn I a sum Runn I a sum Runn I a sum Runn I a sum Runn I a sum Runn I a sum Runn <t< td=""><td>Client: AMETZICAN</td><td>1</td><td>Project Name / No.:</td><td>R5233</td><td>0637</td><td>Sam</td><td>oler's Name:</td><td></td></t<>	Client: AMETZICAN	1	Project Name / No.:	R5233	0637	Sam	oler's Name:	
City Diameter P.O. Ne.5, VIC 3'S SG4 + A. State & Zip: State & Zip: Outon Rus: Outon Rus: IT Turmarund Codes It Turmarund Codes Outon Rus: Outon Rus: Image: State of the Rus: Image: State of the Rus: Image: State of the Rus: Outon Rus: Image: State of the Rus: Image: State of the Rus: Image: State of the Rus: Image: State of the Rus: Image: State of the Rus: Image: State of the Rus: Image: State of the Rus: Image: State of the Rus: Image: State of the Rus: Image: State of Rus: Image: Rus: Image: Rus: Image: Rus: Image: Rus: Image: Rus: Image: State of the Rus: Image: Rus: Image: Rus: Image: Rus: Image: Rus: Image: Rus: Image: State of the Rus: Image: Rus: Image: Rus: Image: Rus: Image: Rus: Image: Rus: Image: State of the Rus: Image: Rus: Image: Rus: Image: Rus: Image: Rus: Image: Rus: Image: State of the Rus: Image: Rus: Image: Rus: Image: Rus: Image: Rus: Image: Rus: Image: State of the Rus: Image: Rus: Image: Rus: Image: Rus: Image: Rus: Image: Rus: Image: State of the Rus: Image: Rus: Image: Rus: Image: Rus: </td <td>Project Manager:</td> <td>1 2</td> <td>Site Address:</td> <td></td> <td></td> <td>Sampler</td> <td>s Signature:</td> <td></td>	Project Manager:	1 2	Site Address:			Sampler	s Signature:	
$\begin{tabular}{ c c c c c c c c c c c c c c c c c c c$			City				P.O. No.Śv	
TarTurneound Codes	Fax:		8				Quote No.:	
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $		TAT Turnaround Codes			2	ANALYSIS REQUESTEI) (Test Name)	
Image: Client Line Image: Client		sh	72 Hour Rush		10			
Client L0. AA L0 Date Time Sample No. See 25 SO (1- QI) 28 25 SO (1- QI) 5 (25) (18 13) Loberty Loberty L1 A Lunaround Codes ** balow 28 25 SO (1- QI) 5 (25) (18 13) Luberty Loberty L1 A Luberty Halos 28 25 SO (1- QI) 5 (25) (18 13) Luberty Loberty L1 A Luberty Halos 28 25 SO (1- QI) 5 (25) (18 13) Luberty Luberty Halos Halos 28 25 SO (1- QI) 2 (25) (18 13) Luberty Luberty Halos Halos 28 25 SO (1- QI) 2 (25) (18 13) Luberty Luberty Halos Halos 28 25 SO (1- QI) 2 (25) (18 13) Luberty Luberty Halos Halos 28 (10 12) Luberty 2 (25) (18 13) Luberty Luberty Luberty Halos 28 (10 12) Luberty 2 (25) (18 13) Luberty 2 (25) (18 13) Luberty Luberty Luberty 28 (10 12) Luberty 2 (25) (18 13) Luberty 2 (25) (18 13) Luberty Luberty Luberty 28 (10 12) Luberty 2 (25) (18 13) Luberty 2 (25) (18 13) Luberty Luberty Luberty 28 (18 12) Luberty 2 (25) (18 12) Luberty 2 (25) (18 12) Luberty Luberty Luberty 28 (18 12) Luberty 2 (25) (18 12) Luberty 2 (25) (18 1) ×	5 Day Rush 10 Working Days (Sta	andard TAT)	afe (ax		 	Special Instructions
8223.201.2-01 5(2)(8 13.16 Wart 1 × 1 1 1 44.0)(4.1)	Client I.D.	A.A.I.D.				the TAT Turnaround (Codes ** below	
Rather Million Father M			~		J			-
For the second of the secon								1
For Laboratory Use For Laboratory Use Relinguished by Date Time Received by AA. Froject No.: AA. Froject No.: Date Time Received by								10-20-10-10-10-
								FXHOCI
For Laboratory Use For Laboratory Use For Laboratory Use Relinguished by								Thank 70-
For Laboratory Use For Laboratory Use Relinquished by Date Time Received by Relinquished by Date Time Mine Received by AA. Project No.: Relinquished by Date Time Received by							-	
For Laboratory Use For Laboratory Use Relinduction of the billion of								
Relinguished by Date Time Relinquished by Date Time Relinquished by Date Time Relinquished by Date Time								
For Laboratory Use Relindushed by Date Time For Laboratory Use Relindushed by Date Time A. Project No.: Relinquished by Date Time					N a			
For Laboratory Use Relinduction by Date Time Mm A. Project No.: A. Project No.: Date Time Mm					NXX			
A. Project No.: Relinquished by Date Time Received by Cate Name Received by Date Time Received by A. Project No.:	Lor Lor	Laboratory Use		Relingu	rished by	181	Time Ind	Received by
A.A. Project No.: Relinquished by Date Time Received by Note: Ry relinquishing to any additional client-requested analyses performed on this project.			5	Relinqu	lished by		Time	Received by
Mote: R. relinentiething comparison of the services requested on this chain of custody form and any additional client-requested analyses performed on this project.	A A Decision No -			Relinqu	lished by		lime	Received by
	Note: By religninghing samples t	to American Analytics client an	rees to nav for the service	s requested on thi	is chain of custody form	and any additional client-re	equested analyses pe	formed on this project.



REFERENCE TOXICANT DATA

FATHEAD MINNOW ACUTE Reference Toxicant - SDS



QA/QC Batch No.: RT-180503

Species: *Pimephales promelas*. Age: <u>13</u> days old. Regulations: NPDES. Test chamber volume: 250 ml. Feeding: Prior to renewal at 48 hrs. Temperature: 20 +/- 1°C. Number of replicates: 2. Dilution water: MHSF.

TEST SUMMARY

Source: In-lab culture. Test type: Static-Renewal. Test Protocol: EPA-821-R-02-012. Endpoints: LC50 at 96 hrs. Test chamber: 600 ml beakers. Aeration: None. Number of organisms per chamber: <u>10</u>. Photoperiod: 16/8 hrs light/dark.

TEST DATA

	=	INITIAL	,			24 Hr					48 Hr		
Date/Time:	5-3-1	8	()~	5-4-1	16		130	10	5-5-1	8		130	>
Analyst:		2		2			1						
7 thaty st.	°C	DO	pН	°C	DO	рН	# D A	ead B	°C	DO	pН	# De	ead B
Control	225	8.5	8.1	20.2	8.5	810	U	0	20.2	8.1	8.0	U	C
1.0 mg/l	٢٥. ٦	8.6	Q.1	20.7	8.6	8.0	0	0	20.1	812	810	\mathcal{O}	0
2.0 mg/l	50.5	8.5	8.1	20.2	8.5	8.0	0	0	20.2	9.1	8.0	C	0
4.0 mg/l	20-2	8.5	8.1	20.2	8.5	8.0	υ	0	20.1	8.2	8.0	0	0
8.0 mg/l	20.1	8.6	8.1	20.1	8.5	8.0	10	10	-	-		~	_
16.0 mg/l	20.2	8.5	8.1	20.2	8.5	8.0	10	(0	-	-	-	-	-
	AL	72 Hr				1	96 Hr						
Date/Time:	5-5-	(%	1300	5-6-18 1245				5-7-18 1700					
Analyst:		2 2					_	m					
	°C	DO	рН	°C	DO	рН	# C A	Dead B	°C	DO	рН	# D	ead B
				11					L				
Control	20,2	8,4	5.1	20.1	8.1	8.0	0	0	20.2	8.2	ل ک	U	\mathcal{C}
Control 1.0 mg/l	20, 2 J., 3	8,4 8.4	8. (8./	<u>20. 1</u> 20. 1	8.1 8.1	8.0	0 0	0 0	20.2 20.2	8:2 8:2	6-U 8.U	ン ン	い い
							0 0						
1.0 mg/l	20.3	8.4	8./	20.1	8,1	7.9	υ	0	20.2	8.2	8.0	U	0
1.0 mg/l 2.0 mg/l)•.3 70.2	8.4 8.5	8.1 8.1	20.1 20.2	8,1 8.1	7.9 7.9	0 0	0	20.2 20.2	8.2 81	8.U 8 D	U 0	0
1.0 mg/l 2.0 mg/l 4.0 mg/l)•.3 70.2	8.4 8.5	8.1 8.1	20.1 20.2	8,1 8.1	7.9 7.9	0 0	0	20.2 20.2	8.2 81 8.0	8.U 8 D	U 0	0 0 0

No (dose interrupted indicated or non-normal)

Acute Fish Test-96 Hr Survival

Start Date: 5/3/2018 13:00 Test ID: RT180503 Sample ID: **REF-Ref** Toxicant End Date: 5/7/2018 13:00 Lab ID: CAATL-Aquatic Testing Labs Sample Type: SDS-Sodium dodecyl sulfate Sample Date: 5/3/2018 Protocol: EPAAW02-EPA/821/R-02-01 Test Species: PP-Pimephales promelas Comments: Conc-mg/L 1 2 1.0000 **D**-Control 1.0000 1.0000 1.0000 1 2 1.0000 1.0000 4 1.0000 1.0000 0.0000 8 0.0000

			Tra	ansform:	Arcsin Sc	uare Root	t	Number	Total
Conc-mg/L	Mean	N-Mean	Mean	Min	Max	CV%	N	Resp	Number
D-Control	1.0000	1.0000	1.4120	1.4120	1.4120	0.000	2	0	20
1	1.0000	1.0000	1.4120	1.4120	1.4120	0.000	2	0	20
2	1.0000	1.0000	1.4120	1.4120	1.4120	0.000	2	0	20
4	1.0000	1.0000	1.4120	1.4120	1.4120	0.000	2	0	20
8	0.0000	0.0000	0.1588	0.1588	0.1588	0.000	2	20	20
16	0.0000	0.0000	0.1588	0.1588	0.1588	0.000	2	20	20

Graphical Method

Statistic

Auxiliary Tests

Normality of the data set cannot be confirmed Equality of variance cannot be confirmed

Trim Level EC50

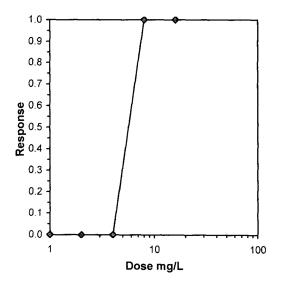
16

0.0000

0.0000

0.0% 5.6569

5.6569



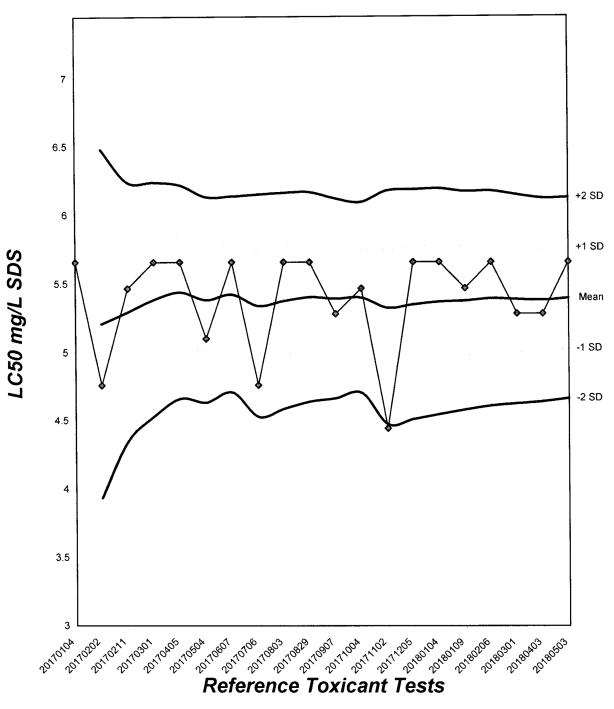
Critical

Skew

Kurt

Fathead Minnow Acute Laboratory Control Chart

CV% = 6.81





TEST ORGANISM LOG

FATHEAD MINNOW - LARVAL (Pimephales promelas)

QA/QC BATCH NO.: RT-180503

SOURCE: In-Lab Culture
DATE HATCHED: 4- 20-18
APPROXIMATE QUANTITY:
GENERAL APPEARANCE:
MORTALITIES 48 HOURS PRIOR TO TO USE IN TESTING:
DATE USED IN LAB: <u>\$ / 3 / 15</u>

AVERAGE FISH WEIGHT: <u>6.009</u> gm

LOADING LIMITS: 0.65 gm/liter @ 20°C, 0.40 gm/liter @ 25°C

Approximately 1000 fish per 10 liters limit if held overnight for acclimation without filtration @ 20°C for fish with a mean weight of 0.006 gm.

Approximately 650 fish per 10 liters limit if held overnight for acclimation without filtration @ 25°C for fish with a mean weight of 0.006 gm.

200 ml test solution volume = 0.013 gm mean fish weight limit @ 20° C; 0.008 @ 25° C 250 ml test solution volume = 0.016 gm mean fish weight limit @ 20° C; 0.010 @ 25° C

ACCLIMATION WATER QUALITY:

Temp.: <u>20-5</u> °C	pH: 8.1 Ammonia: _	<u><u> </u></u>
DO: mg/l	Alkalinity: 6 o _mg/l	Hardness: <u>δ ۹</u> mg/l

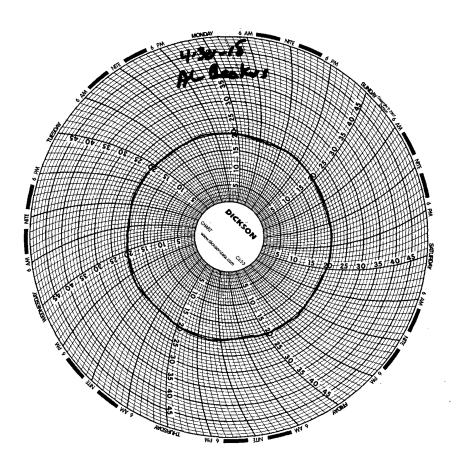
READINGS RECORDED BY:	m	DATE:	5-4-18



Test Temperature Chart

Test No: RT-180504

Date Tested: 05/03/18 to 05/07/18 Acceptable Range: 20 +/- 1°C



ANTERICAN ANTERICAN	AMERICAN ANALYTICS CHAIN-OF-CUSTODY RECORD 9765 ETON AVE., CHATSWORTH, CA 91311 Tel: 818-998-5547 FAX: 818-998-7258	VALYTICS CHAIN-OF-CUST 9765 ETON AVE., CHATSWORTH, CA 91311 Tel: 818-998-5547 FAX: 818-998-7258	LYTICS CI ETON AVE., CH Tel: 818-998-5547	HAIN-OF-CU HATSWORTH, CA 9 FAX: 818-998-7258	OF-C	USTC 191311	N K	KECO	RD			P C	ISSS4
Client: APEX/The Source Group, Inc.	e Group, Inc.	Project Name /	No.:	DFSP - N	orwalk /	DFSP - Norwalk / 091-NDLA	_		New Service	Sampler's Name:		alow Androsky	nd roska
Project Manager: Neil Irish	L	Site	Site Address:	15306 Norwalk Blvd	rwalk B	pvl			Sampler.	Sampler's Signature:] `	Mu. O	0 . 0 . 50
Phone: 562-597-1055			Clty:	Norwalk		vice in the first second of the second second second	وراست مكاليا والمحالية و		*****	P.O. No.:	1	1	W NY SAN SAN
Fax: 569-597-1070		Sta	State & Zip:	CA 90650						Quote No.:	lo.:	-	مرجعا فالمتالية والمراجع والمراجع والمراجع والمراجع والمراجع والمراجع والمراجع
	TAT Turmaround Codes **							LYSIS RE	OUESTEL	AMAL YSIS REQUESTED (Test Name)	(eu		and a second
(1) = Same Day Ru $(2) = 24 Hour Rush$	Same Day Rush 🔞 = 24 Hour Rush	72 Hour Rush 5 Day Rush	4			ACC 8 AST							
3 = 48 Hour Rush	r Rush X =	10 Working Days (Standard TAT)	Days (Star	dard TAT)		MG105	c 200.5	oxicity			and the second second	-	Special
Cilent I.D.		Date	Time	Sample	No. of	рнат	Arseni	L USI3					011 10 10 10 10 10 10 10 10 10 10 10 10
	Thermore is war as			מממוצ	Com	Please e	nter the	rat Tum	around (Please enter the TAT Turnaround Codies ** below	oelow		
Effluent	2213012-01	5-23-18	1310	Water								Report	Report J-Flags
	المراجع			وبالمحادثة والمحادثة والمحادثة والمحادثة									والمتعادية والمحافظة
													a pro de la constante de la con
میں اور	and a second	-							-				ومراجعهم والمراجعة المراجعة المراجع والمراجع والمراجع والمراجع والمراجع والمحاج ومحمد ومحمد
Contraction of the second s	C see 11												a de la companya de l
ANK A	WWW AFF			· · · · · · · · · · · · · · · · · · ·					-				
Date V	algue //												
						 	<u> </u>		 				and a second
													an a
					-+								
													i i i i i i i i i i i i i i i i i i i
			- d	Relin	Relinquished by	by L		Date	- <u> </u> `	Time		Received by	ed by
		unneyî.	AU	as Or	On lively	14	ر <i>ب</i>	5-23-18	\exists	10	8		and the second se
X53325	A5332590/8222012	• ~		Retin	Retinquished by	λ	4	Date 23-/	B	P 06		Received by	6d by
	- - - -			Rein	Relinquished by	þý		Date	F	e la	34 1	Received by	ed by
Note: By relinquishing samples to American Analytics, client agrees to pay for the services requested on this chain of custocy form and any additional client-requested analyses performed on this project Payment for services is due within 30 days from the date of invoice. Sample(s) will be disposed of after 45 days following the submittal of the sample(s) to American Analytics.	American Analytics, client agre n 30 days from the date of involc	es to pay for th a. Sample(s) v	e services r All be dispo	equested on ted of after 4	this chaim 5 days fol	of custody fi lowing the su	the put and an put the	y addition. he sample	al client-re((s) to Ame	luested and rican Analy	alyses perfe	formed on th	his project.

and a strength of the provided of the provided



9765 Eton Avenue Chatsworth California 91311 Tel: (818) 998-5547 Fax: (818) 998-7258

June 26, 2018

Neil Irish The Source Group, Inc. (SH) 1962 Freeman Ave. Signal Hill, CA 90755

Re: DFSP Norwalk GWETS NPDES Monthly / 04-NDLA-013

A5332614 / 8F04012

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received on 06/04/18 16:26 and analyzed in accordance with the attached chain-of-custody.

Unless otherwise noted, all analytical testing was accomplished in accordance with the guidelines established in our Quality Assurance Program Manual, applicable standard operating procedures, and other related documentation. The results in this analytical report are limited to the samples tested and any reproduction thereof must be made in its entirety.

If you have any questions regarding this report or require additional information please call me at American Analytics.

Sincerely,

A

Viorel Vasile Operations Manager



Client: Project No: Project Name:	The Source Group, 04-NDLA-013 DFSP Norwalk GWE		ly		Date Recei	No: A5332614 ved: 06/04/18 rted: 06/26/18
Sample ID		Laboratory ID	Matrix	TAT	Date Sampled	Date Received
8260B TPHGA	SOLINEBTEXOXY					
Effluent		8F04012-01	Water	5	06/04/18 11:57	06/04/18 16:26
Arsenic Total	EPA 200.7					
Effluent		8F04012-01	Water	5	06/04/18 11:57	06/04/18 16:26
Diesel Range (Organics 8015M					
Effluent		8F04012-01	Water	5	06/04/18 11:57	06/04/18 16:26

A

Viorel Vasile Operations Manager



-

Client: Project No: Project Name: Method:		p, Inc. (SH) WETS NPDES Month genates by GC/MS	ly	AA Project No: Date Received: Date Reported: Units:	06/04/18 06/26/18	4
Date Sampled:		06/04/18				
Date Prepared:		06/14/18				
Date Analyzed:		06/14/18				
AA ID No:		8F04012-01				
Client ID No:		Effluent				
Matrix:		Water				
Dilution Factor	:	1			MDL	MRL
<u>8260B TPHGAS</u>	OLINEBTEXOXY	<u>(EPA 8260B)</u>				
tert-Butyl alcoho	l (TBA)	<7.0			7.0	10
Gasoline Range (GRO)	Organics	<40			40	100
Methyl-tert-Buty	Ether (MTBE)	<0.40			0.40	2.0
Surrogates					%REC	Limits
4-Bromofluorobe	enzene	133%			70-1	140
Dibromofluorom	ethane	99%			70-1	140
Toluene-d8		119%			70-1	140

A

Viorel Vasile Operations Manager



The Source Group, Inc. (SH) Client: AA Project No: A5332614 Project No: 04-NDLA-013 Date Received: 06/04/18 Project Name: DFSP Norwalk GWETS NPDES Monthly Date Reported: 06/26/18 Method: Diesel Range Organics by GC/FID Units: ug/L **Date Sampled:** 06/04/18 **Date Prepared:** 06/06/18 **Date Analyzed:** 06/15/18 AA ID No: 8F04012-01 **Client ID No:** Effluent Water Matrix: **Dilution Factor:** MDL 1 MRL Diesel Range Organics 8015M (EPA 8015M) 60 100 **Diesel Range Organics as** <60 Diesel **Surrogates** %REC Limits o-Terphenyl 55% 50-150

LABORATORY ANALYSIS RESULTS

A

Viorel Vasile Operations Manager



Client: Project No: Project Name: Method:	The Source Group, Ir 04-NDLA-013 DFSP Norwalk GWE Total Metals by ICP A	TS NPDES	2	roscopy		Date F	oject No: Received: Reported:	06/04/18	1
AA I.D. No.	Client I.D. No.	Sampled	Prepared	Analyzed I	Dilution	Result	Units	MDL	MRL
Arsenic Total	EPA 200.7 (EPA 200.7)								
8F04012-01	Effluent	06/04/18	06/06/18	06/08/18	1	<0.0060	mg/L	0.006	0.007

A

Viorel Vasile Operations Manager



Client:The Source Group, Inc. (SH)Project No:04-NDLA-013Project Name:DFSP Norwalk GWETS NPDES Monthly

AA Project No: A5332614 **Date Received:** 06/04/18 **Date Reported:** 06/26/18

Analyte	F Result	Reporting Limit	Units		Source Result %REC	%REC Limits	RPD	RPD Limit	Notes
TPHG/BTEX/Oxygenates by GC/M							· · ·		
Batch B8F1402 - EPA 5030B		,							
Blank (B8F1402-BLK1)				Prepare	ed & Analyzed: (06/14/18			
tert-Amyl Methyl Ether (TAME)	<0.30	0.30	ug/L	•					
Benzene	<0.20	0.20	ug/L						
tert-Butyl alcohol (TBA)	<7.0	7.0	ug/L						
Diisopropyl ether (DIPE)	<0.50	0.50	ug/L						
Ethylbenzene	<0.20	0.20	ug/L						
Ethyl-tert-Butyl Ether (ETBE)	<0.40	0.40	ug/L						
Gasoline Range Organics (GRO)	<40	40	ug/L						
Methyl-tert-Butyl Ether (MTBE)	<0.40	0.40	ug/L						
Toluene	<0.30	0.30	ug/L						
o-Xylene	<0.30	0.30	ug/L						
m,p-Xylenes	<0.40	0.40	ug/L						
Surrogate: 4-Bromofluorobenzene	63.6		ug/L	50	127	70-140			
Surrogate: Dibromofluoromethane	46.3		ug/L	50	92.6	70-140			
Surrogate: Toluene-d8	58.2		ug/L	50	116	70-140			
LCS (B8F1402-BS1)			Ū	Prepare	ed & Analyzed: (06/14/18			
tert-Amyl Methyl Ether (TAME)	18.1	0.30	ug/L	20	90.4	70-130			
Benzene	19.8	0.20	ug/L	20	99.2	75-125			
tert-Butyl alcohol (TBA)	108	7.0	ug/L	100	108	70-130			
Diisopropyl ether (DIPE)	20.3	0.50	ug/L	20	101	70-130			
Ethylbenzene	23.2	0.20	ug/L	20	116	75-125			
Ethyl-tert-Butyl Ether (ETBE)	20.2	0.40	ug/L	20	101	70-130			
Gasoline Range Organics (GRO)	578	40	ug/L	500	116	70-130			
Methyl-tert-Butyl Ether (MTBE)	46.4	0.40	ug/L	40	116	70-135			
Toluene	23.4	0.30	ug/L	20	117	75-125			
o-Xylene	18.6	0.30	ug/L	20	92.8	75-125			
m,p-Xylenes	38.3	0.40	ug/L	40	95.8	70-130			
Surrogate: 4-Bromofluorobenzene	53.3		ug/L	50	107	70-140			
Surrogate: Dibromofluoromethane	43.0		ug/L	50	86.0	70-140			
Surrogate: Toluene-d8	61.3		ug/L	50	123	70-140			
Matrix Spike (B8F1402-MS1)	S	ource: 8F0	4012-01	Prepare	ed & Analyzed: (06/14/18			

A

Viorel Vasile Operations Manager



Client:The Source Group, Inc. (SH)Project No:04-NDLA-013Project Name:DFSP Norwalk GWETS NPDES Monthly

AA Project No: A5332614 **Date Received:** 06/04/18 **Date Reported:** 06/26/18

Analyte	Result	Reporting Limit	Units		Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
TPHG/BTEX/Oxygenates by GC/MS	S - Quali	ty Control								
Batch B8F1402 - EPA 5030B	quan	.,								
Matrix Spike (B8F1402-MS1) Con	tinued S	Source: 8F0	4012-01	Prenare	d & Anal	vzed: 0	6/14/18			
tert-Amyl Methyl Ether (TAME)	19.5	0.30	ug/L	20		97.6	70-130			
Benzene	20.7	0.20	ug/L	20		104	70-130			
tert-Butyl alcohol (TBA)	110	7.0	ug/L	100	<10		70-130			
Diisopropyl ether (DIPE)	21.8	0.50	ug/L	20		109	70-130			
Ethylbenzene	21.6	0.20	ug/L	20		108	70-130			
Ethyl-tert-Butyl Ether (ETBE)	21.4	0.40	ug/L	20		107	70-130			
Methyl-tert-Butyl Ether (MTBE)	50.8	0.40	ug/L	40	<2.0		70-130			
Toluene	21.6	0.30	ug/L	20		108	70-130			
o-Xylene	16.6	0.30	ug/L	20		82.8	70-130			
m,p-Xylenes	36.0	0.40	ug/L	40		89.9	70-130			
Surrogate: 4-Bromofluorobenzene	58.6		ug/L	50		117	70-140			
Surrogate: Dibromofluoromethane	47.2		ug/L	50		94.4	70-140			
Surrogate: Toluene-d8	57.9		ug/L	50		116	70-140			
Matrix Spike Dup (B8F1402-MSD	1) 5	Source: 8F0	-	Prepare	ed & Anal	yzed: 0	6/14/18			
tert-Amyl Methyl Ether (TAME)	, 19.4	0.30	ug/L	20		97.2	70-130	0.462	30	
Benzene	19.9	0.20	ug/L	20		99.4	70-130	4.14	30	
tert-Butyl alcohol (TBA)	118	7.0	ug/L	100	<10	118	70-130	6.55	30	
Diisopropyl ether (DIPE)	22.9	0.50	ug/L	20		115	70-130	5.05	30	
Ethylbenzene	21.3	0.20	ug/L	20		107	70-130	1.54	30	
Ethyl-tert-Butyl Ether (ETBE)	22.1	0.40	ug/L	20		110	70-130	3.04	30	
Methyl-tert-Butyl Ether (MTBE)	49.9	0.40	ug/L	40	<2.0	125	70-130	1.63	30	
Toluene	19.2	0.30	ug/L	20		96.0	70-130	11.7	30	
o-Xylene	16.9	0.30	ug/L	20		84.4	70-130	2.03	30	
m,p-Xylenes	35.2	0.40	ug/L	40		88.1	70-130	2.02	30	
Surrogate: 4-Bromofluorobenzene	53.2		ug/L	50		106	70-140			
Surrogate: Dibromofluoromethane	45.6		ug/L	50		91.2	70-140			
Surrogate: Toluene-d8	55.9		ug/L	50		112	70-140			
Diesel Range Organics by GC/FID Batch B8F0622 - EPA 3510C	- Quality	Control	-							

Blank (B8F0622-BLK1)

Prepared: 06/06/18 Analyzed: 06/15/18

A

Viorel Vasile Operations Manager



Client:The Source GroProject No:04-NDLA-013Project Name:DFSP Norwalk			ily			Da	A Projec ate Rece ate Repo	ived: 0	6/04/18	4
Analyte	Result	Reporting Limit	Units		Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Diesel Range Organics by GC/F	ID - Quality	Control								
Batch B8F0622 - EPA 3510C										
Blank (B8F0622-BLK1) Contin	ued			Prepare	ed: 06/06/	18 Ana	alyzed: 06	6/15/18		
Diesel Range Organics as Diese	el <60	60	ug/L							
Surrogate: o-Terphenyl	30.1		ug/L	40		75.3	50-150			
LCS (B8F0622-BS1)				Prepare	ed: 06/06/	18 Ana	alyzed: 06	6/15/18		
Diesel Range Organics as Diese	el 575	60	ug/L	800		71.9	75-125		30	***
Surrogate: o-Terphenyl	20.1		ug/L	40		50.2	50-150			
Total Metals by ICP Atomic Emis	ssion Spec	troscopy -	Quality (Control						
Batch B8F0626 - EPA 200.7										
Blank (B8F0626-BLK1)				Prepare	ed: 06/06/	18 Ana	alyzed: 06	5/08/18		
Arsenic	<0.0060	0.0060	mg/L							
LCS (B8F0626-BS1)				Prepare	ed: 06/06/	18 Ana	alyzed: 06	5/08/18		
Arsenic	1.08	0.0060	mg/L	1.0		108	80-120		20	
LCS Dup (B8F0626-BSD1)				Prepare	ed: 06/06/	18 Ana	alyzed: 06	5/08/18		
Arsenic	1.07	0.0060	mg/L	1.0		107	80-120		20	
Duplicate (B8F0626-DUP1)		Source: 8F0		Prepare		18 Ana	alyzed: 06	5/08/18		
Arsenic	<0.0060	0.0060	mg/L		<0.0070				30	

A

Viorel Vasile Operations Manager



AA Project No: A5332614 **Date Received:** 06/04/18 **Date Reported:** 06/26/18

Special Notes

[1] = *** :

* : Exceeds lower control limit.

A

Viorel Vasile Operations Manager

Time Sample* Norwalk And Address: 15306 Norwalk Bivo Sample* Signature: JLoch Address: 15306 Norwalk P.O. Nor P.O. Nor. City: Norwalk P.O. Norwalk P.O. Nor. at a Zp: CA 90650 Quote Nor. Days (Standard TAT) Days (Standard TAT) P.O. Norwalk Days (Standard TAT) M.A. YSIS REQUESTED (Test Name) Sp Days (Standard TAT) M.A. YSIS REQUESTED (Test Name) Norwalk Days (Standard TAT) M.A. YSIS REQUESTED (Test Name) Sp Days (Standard TAT) M.A. YSIS REQUESTED (Test Name) Sp Time Sample No. Address Matrix Out P.A. V Report J-FE ///57 Water 5 V No. ///57 Water 5 V No. ///57 Water 5 V No. ///57 Water 5 V Sp ///57 Water 5 <	ANERCAN ANERCAN	AMERICAN ANALYTICS CHAIN-OF-CUSTODY RECORD 9765 ETON AVE., CHATSWORTH, CA 91311 Tei: 818-998-5547 FAX: 818-998-7268	VAL YTICS CHAIN-OF-CUST 9765 ETON AVE., CHATSWORTH, CA 91311 Tei: 818-998-5547 FAX: 818-998-7258	LYTICS CI ETON AVE., CI Tel: 818-998-5547	HAIN-OF-CU HATSWORTH, CA 9- FAX: 818-998-7258	ОН-(КТН, С. 8-996-7	CUS' A 9131 258	roD	Y R	ECO	RD	·	dif. Consul	15647 Page	l of l
Address: 15306 Norwalk Bivd Sampler's Signature: City: Norvalk P.O. Nor: city: Cators P.O. Nor: et & Zip: CA 90650 Quote No.: film Matrix No. Prepase retret the TAT Turmaround Codes ** below /1/5/7 Water 5 V Prepase retret the TAT Turmaround Codes ** below /1/5/7 Water 5 V Prepase retret the TAT Turmaround Codes ** below /1/5/7 Water 5 V Prepase retret the TAT Turmaround Codes ** below /1/5/7 Water 5 V Prepase /1/5/7 Water 5		ce Group, Inc.	Project Na	me / No.:	DFSP - No	orwalk	V-160	DLAN	Aonthly	NPDE		npler's N	ame:	Colouis And	
City: Norwalk P.O. No: ate & Zip: CA 90650 Quote No: ate & Zip: CA 90650 Quote No: att Att 2 Att 2 Days (Standard TAT) Att 2 Att 2 Att 2 A	Manager:	ų	Site /	Address:	15306 No	rwalk E	Blvd				Sample	r's Signa	tture:	Allow One	unden
ete & Zp.: CA 30660 and tal. Anticipation of the first treatment of treatment of the first treatment of treatment of the first treatment				City:	Norwalk							0 d	No.:		
Sh Days (Standard TAT) Days (Standard TAT) Matrix Long Matrix Long Matrix Long Matrix Long Matrix Long Matrix Report J-Flags Report J-Flags Repo	Fax: 569-597-1070		Sta	te & Zip:	CA 9065(Quote	No.:		
Sh Days (Standard TAT) Days (Standard TAT) Time Sample No. Time Sample of the Factor and No. Time Sample of the Factor and No. Time Sample of the Factor and Section And And And And And And And And And An		TAT Turnaround Codes **						8	ANA	YSIS RE	QUEST	ED (Test N	ame)		-
Days (Standard TAT) American No. American No. American No. Section No. Time Sample Matrix No. No. No. ///57 Water 5 V No. //1/57 Mater 5 Mater No. //1/57 Mater 1 Mater No. //1/57 Mater 1 Mater No. //1/57 Mater 1 <td>() = Same</td> <td>sh</td> <td>72 Hour Rus</td> <td>Ę</td> <td></td> <td></td> <td></td> <td>19928 A8</td> <td></td> <td></td> <td>-</td> <td></td> <td>-</td> <td></td> <td></td>	() = Same	sh	72 Hour Rus	Ę				19928 A 8			-		-		
Time Sample NO. All No. All No. All No. 1/57 Water 5 V V Report J-Flags 1/57 Water 5 V V 1/57 Water 5 V N 1/57 Water 6 1 1 1/57 Water 6 1 1	 24 Hot 3 = 48 Hot 			Days (Star	idard TAT)		Metoe	ттаати	7.005 :					Spe	cial Home
1/57 Water 5 V V Particle 7 V V Particle 7 V V	Client I.D.	in ai	Date	Time	Sample Matrix	o No	B PHOT	I/6HdT a	Arsenic			Codes *			
Relinquished by 0 0 0 Relinquished by 0 0 0 0 Received by 0 0 0 0 Relinquished by 0 0 0 0 Relinquished by 0 0 0 0 Received by 0 0 0 0	Effluent	10-210hod	81-4-18		Water	5 5								Report J-Fla	S
Relinquished by Date Time Received by															
Relinquished by C Received by Relinquished by C Received by Relinquished by Date Time Received by Relinquished by C Time Received by Relinquished by Date Time Received by															
Relinquished by C4-1X Received by Relinquished by Date Time Received by															
Relinquished by C-4-1/2 Time Received by Relinquished by C-4-1/2 Time Received by Relinquished by Date Time Received by						- 									
Relinquished by C-C/-L/C Received by Relinquished by Date Time Received by Relinquished by C-C/-L/C C/C Received by Relinquished by Date Time Received by															
Relinquished by Date Time Received by Relinquished by CCI/2 Time Received by Relinquished by Date Time Received by			*												
Relinquished by C-C/-1/2 Time Received by Relinquished by Date Time Received by			N -		-										
Relinquished by Bate Time Received by Munn Loadh 6-4-1X Time Received by Relinquished by Date Time Received by Relinquished by 6-4-1X Time Received by Relinquished by 6-4-1X Time Received by															
Relinquished by Date Time Received by Relinquished by Date Time Received by Relinquished by C-4-1/2 C-2/-1/2 C-2/-1/2 Relinquished by Date Time Received by		RANG W. At													
		e la													32
A 5 332 6/4/8 Fold 012 Relinquished by Date Time Received by A 5 332 6/4/8 Fold 012 Relinquished by Date Time Received by		60 N.													
AS32614/3F04012 Relinquished by Date Time Received by C-4-1K C-4-1K Received by Bate Time Received by Bate Time Received by Received by C-4-1K Received by C-4-1K Received by C-4-1K Received by Received by C-4-1K Received by Received by Received by Received by C-4-1K Received by Received by Received by Received by C-4-1K Received by Received b															
A 5 3 2 6/ 4 / 8 For for 2 A the finduished by Date Time Received by Relinquished by Date Time Received by Relinquished by C-2/-/2 Bate Time Received by Bate Time Received by Relinquished by Date Time Received by Relinquished by Date Time Received by Relinquished by Date Time Received by Received by Relinquished by Date Time Received by Received by Received by Relinquished by Date Time Received by Received by Received by Relinquished by Date Time Received by							-	-			·				
$\frac{Relinquished by}{A 5 332 6/4/3 Ford 012} \frac{Relinquished by}{Relinquished by} \frac{Date}{C^{-}C^{-}/\chi} \frac{Time}{C^{-}C^{-}/\chi} \frac{Received by}{C^{-}C^{-}/\chi} \frac{Received by}{C^{-}} $							_				-+				
A 5 3 2 6/4 / 8 F 6 4 0 1 2 Relinquished by Date Time Received by Relinquished by Date Time Received by Relinquished by Date Time Received by				~	Relin	quisher	م م		~~~~~	Date		Time	J.	Received by	
$\frac{45552}{6}$		a sit for the south			Lave	ياھ مخلا ماقانات	A hur			2-	-		3		<u> </u>
Relinquished by Date Time Received by Received by	A5 55	(e) 2 rod 017	· · · · · · · · · · · · · · · · · · ·	0		drivend	6 2		6-	V-1.		26		Keceived by	
11-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1					Relin	quisher	d by		-	Date		Time	A DECEMBER OF	Received by	
	Mitter Britania inhian annalan A	in American Analytics Aliant across	the pay for th	- anninae -	and the second on	icho aitt	ter of cr		- Pro-	- difficure					

. .



9765 Eton Avenue Chatsworth California 91311 Tel: (818) 998-5547 Fax: (818) 998-7258

June 12, 2018

Neil Irish The Source Group, Inc. (SH) 1962 Freeman Ave. Signal Hill, CA 90755

Re: DFSP Norwalk / 04-NDLA-007

A5332615 / 8F04013

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received on 06/04/18 16:26 and analyzed in accordance with the attached chain-of-custody.

Unless otherwise noted, all analytical testing was accomplished in accordance with the guidelines established in our Quality Assurance Program Manual, applicable standard operating procedures, and other related documentation. The results in this analytical report are limited to the samples tested and any reproduction thereof must be made in its entirety.

If you have any questions regarding this report or require additional information please call me at American Analytics.

Sincerely,

A

Viorel Vasile Operations Manager

LABORATORY REPORT

Date: June 10, 2018

Client: American Analytics 9765 Eton Avenue Chatsworth, CA 91311 Attn: Viorel Vasile

Laboratory No.:	A-18060501-001
Project No.:	A5332615
Sample ID.:	8F04013-01

Sample Control: The sample was received by ATL chilled, within the recommended hold time and with the chain of custody record attached.

Date Sampled:	06/04/18
Date Received:	06/05/18
Temp. Received:	2.7°C
Chlorine (TRC):	0.0 mg/l
Date Tested:	06/05/18 to 06/09/18

Sample Analysis:The following analyses were performed on your sample:Fathead Minnow 96hr Percent Survival Bioassay (EPA-821-R-02-012 Method 2000.0);

Attached are the test data generated from the analysis of your sample. All testing was conducted under the direct supervision of Joseph A. LeMay. Daily test readings were taken by Joseph A. LeMay (initials: JAL) and Jacob LeMay (initials: J).

Result Summary:

Sample ID. 8F04013-01 <u>Results</u> 100% Survival (TUa = 0.0)

Quality Control:

Reviewed and approved by:

Joseph A. LeMay-Laboratory Director



"dedicated to providing quality aquatic toxicity testing"

4350 Transport Street, Unit 107 Ventura, CA 93003 (805) 650- 0546 FAX (805) 650-0756 *CA ELAP Cert. No.: 1775*

FATHEAD MINNOW PERCENT SURVIVAL TEST EPA Method 2000.0



Lab No.: A-18060501-001 Client/ID: American Analytics 8F04013-01

Start Date: 06/05/2018

TEST SUMMARY

Species: *Pimephales promelas*. Age: <u>14</u> (1-14) days. Regulations: NPDES. Test solution volume: 250 ml. Feeding: prior to renewal at 48 hrs. Number of replicates: 4. Control water: Moderately hard reconstituted water. Photoperiod: 16/8 hrs light/dark. Source: In-laboratory Culture. Test type: Static-Renewal. Test Protocol: EPA-821-R-02-012. Endpoints: Percent Survival at 96 hrs. Test chamber: 600 ml beakers. Temperature: 20 +/- 1°C. Number of fish per chamber: <u>(o</u>. QA/QC No.: RT-180605.

	-		TEST	DATA					
		°C	DO	- 11		# D	ead		Analyst & Time
		°ل	DO	pН	А	В	С	D	of Readings
	Control	20.5	8.9	8.1	0	0	0	0	7 6-5-18
INITIAL	100%	20.5	6.5	7.4	0	0	0	0	1115
24 Hr	Control	20 3	8.4	7.9	0	0	0	0	2 6-6-18
24 Hr	100%	20.3	7.5	8.1	0	O	0	0	lla
48 Hr	Control	20. Y	814	7.9	0	0	0	0	2 6-7-18
40 m	100%	20.5	7.7	8.0	0	0	\mathcal{O}	0	1100
Renewal	Control	20.3	8,4	800	6	σ	6	6	2 6-7-18
Kenewai	100%	20.3	8.5	7.9	\cup	0	ъ	0	11~
72 Hr	Control	202	7.8	7. 9	0	0	0	0	7 6-8-18
	100%	20.3	7.0	7.9	0	0	0	0	1100
96 Hr	Control	20-4	7-8	7.9	0	0	0	6	7 6-9-18
90 m	100%	20.5	7.4	8.1	0	0	0	6	1115
Alkalin Sample Control: A Test solutio Original sar	eceived: Chlorine ity: <u>523</u> mg/l; H aerated moderate Ikalinity: <u>6</u> m m aerated (not to e mple used for rene Dxygen (DO) read	lardness: <u>></u> ly (approx. g/l; Hardne exceed 100 ewal kept at	240 mg/l . 500 ml/m ess: 86 bubbles/m t 0-6°C wit	; Conducti in) to raise _mg/l.; Co tin) to mai	ivity: <u>P</u> e or low nductiv intain D	156 ver DO vity:_ 3 O >4.0	umho; N ? Yes 03 u	VH_3 -N: / M_3 -N: umho.	_ /. g mg/l.

RESULTS

	Percent Survival In:	Control:	100 %	100% Sample:%	
1				•	

A A COC No.:	70051499 Page 1 of 1	ame:	ture:	P.O. No.: SUB03569-A5332615	No.:	ame)		Special Instructions		q6hr / S. S. VIval	+	1 " ~		1 harty you				M. Received PT	Received by	Received by
CORD		Sampler's Name:	Sampler's Signature:	O. A	Quote No.:	ANALYSIS REQUESTED (Test Name)			Turnaround Codes *									Date Time 5-18 915	Date Time	Date Time
CS CHAIN-OF-CUSTODY RECORD	1311 1311	(/ 8 FOQ 013				1	× ×	100	✓ / / / / / / / / / / / / / / / / / / /									6		
HAIN-OF-CI	HATSWORTH, CA 9- FAX: 818-998-7258	A 5332615							Sample No. Matrix Of	7								Relinquished by	Relinquished by	Relinquished by
D SJIT	9765 ETON AVE., CHATSWORTH, CA 91311 Tel: 818-998-5547 FAX: 818-998-7258	Project Name / No.:	Site Address:	City:	State & Zip:		72 Hour Rush	5 Day Rush 10 Working Days (Standard TAT)	Date Time	6418 1017	+								7.0	
Aquetic Testic LES		ANAL-CAG	I rashe			TAT Turnaround Codes **	sh		AA. LD.									For Laboratory Use		
Ague HC 1	MALTICS	Client: AMERICANS	Project Manager: V10ve	Phone:	Fax:		(1) = Same Day Rush	(z) = 24 Hour Rush (3) = 48 Hour Rush	Client I.D.	2 7 2 2 4 012-01								ForL		A.A. Project No.:

hic(s) Рауте



REFERENCE TOXICANT DATA

FATHEAD MINNOW ACUTE Reference Toxicant - SDS



QA/QC Batch No.: RT-180605

Species: *Pimephales promelas.* Age: <u>14</u> days old. Regulations: NPDES. Test chamber volume: 250 ml. Feeding: Prior to renewal at 48 hrs. Temperature: 20 +/- 1°C. Number of replicates: 2. Dilution water: MHSF.

TEST SUMMARY

Source: In-lab culture. Test type: Static-Renewal. Test Protocol: EPA-821-R-02-012. Endpoints: LC50 at 96 hrs. Test chamber: 600 ml beakers. Aeration: None. Number of organisms per chamber: **10**. Photoperiod: 16/8 hrs light/dark.

TEST DATA

		INITIAL	,			24 Hr					48 Hr			
Date/Time:	6-5-1	8	1130	6-6-	16		<u>.</u>	1100	6-7-1	8		11.	<u>بر</u>	
Analyst:		7				2				/	2			
	۳C	DO	pН	°C	DO	рН	# D A	Dead B	°C	DO	pН	# De	ead B	
Control	20.5	8.7	8.1	50J	8.7	8.0	0	0	205	8.1	8.0	\mathcal{O}	0	
1.0 mg/l	20.6	8.8	B . 1	2a3	8.2	7.9	0	0	20.4	8.0	7.9	0	ð	
2.0 mg/l	20.6	8.4	8.(20.3	8.0	7.9	0	õ	205	7.9	7.9	U	0	
4.0 mg/l	20.6	8-8	8.1	20.3	8,1	7.9	0	0	205	7.9	7.9	0	0	
8.0 mg/l	20.5	8.9	¥.[20.3	8.0	7.9	10	10	-	-	~	~		
16.0 mg/l	20.6	8.9	8,1	20.3	7,6	7.8	10	10	-	-	-	-	۷	
[F	RENEWA	\L			72 Hr					96 Hr			
Date/Time:	6-7-	18	1100	6-6	8-18		1	100	6-9	-18		113	0	
Analyst:		2				2			2					
	°C	DO	рН	°C	DO	pН	# E	Dead	°C	рН	# D	ead		
							A	В		DO	- pri	А	В	
Control	20.7	8.4	8-0	70.4	7.1	7.8	0	0	20.5	7.1	7.8	6	0	
1.0 mg/l	20.2	8.5	8.0	20.6	7.(7.8	0	0	20.6	7.1	7.9	C	0	
2.0 mg/l	223	8.3	8.0	20.5	7.4	7.9	0	G	20.5	7.2	7.8	0	0	
4.0 mg/l	20.1	8.4	8.0	20.5	7.2	7.9	0	0	20.6	7.3	7.9	0	0	
8.0 mg/l	~	~	<u> </u>	<u> </u>		_		<u> </u>	-		-		-	
16.0 mg/l	<u> </u>	-	-			-	-	-		-		-	-	
Comments: Concentration	SDS: Dissolve	Alkalini ed Oxyge e relatior	ty: 60 ty: 67 n (DO) re nship acce response	mg/l; l eadings ir eptable?	Hardness n mg/l O ₂ (see attac	8>	mg/l; C	onductiv	ity: 30) ity: 307					

No (dose interrupted indicated or non-normal)

Acute Fish Test-96 Hr Survival 6/5/2018 11:30 **REF-Ref** Toxicant Test ID: RT180605 Sample ID: 6/9/2018 11:30 CAATL-Aquatic Testing Labs Sample Type: SDS-Sodium dodecyl sulfate Lab ID: Sample Date: 6/5/2018 Protocol: EPAAW02-EPA/821/R-02-01 Test Species: **PP-Pimephales** promelas

Comments: Co

Start Date:

End Date:

onc-mg/L	1	2	
D-Control	1.0000	1.0000	
1	1.0000	1.0000	
2	1.0000	1.0000	
4	1.0000	1.0000	
8	0.0000	0.0000	
16	0.0000	0.0000	

			Tra	ansform:	Arcsin So	uare Root		Number	Total
Conc-mg/L	Mean	N-Mean	Mean	Min	Max	CV%	N	Resp	Number
D-Control	1.0000	1.0000	1.4120	1.4120	1.4120	0.000	2	0	20
1	1.0000	1.0000	1.4120	1.4120	1.4120	0.000	2	0	20
2	1.0000	1.0000	1.4120	1.4120	1.4120	0.000	2	0	20
4	1.0000	1.0000	1.4120	1.4120	1.4120	0.000	2	0	20
8	0.0000	0.0000	0.1588	0.1588	0.1588	0.000	2	20	20
16	0.0000	0.0000	0.1588	0.1588	0.1588	0.000	2	20	20

Graphical Method

Statistic

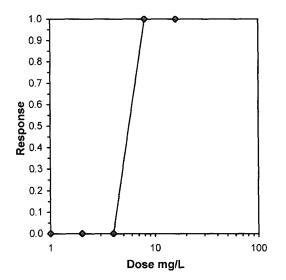
Auxiliary Tests

Normality of the data set cannot be confirmed Equality of variance cannot be confirmed

Trim Level EC50

0.0% 5.6569

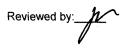
5.6569

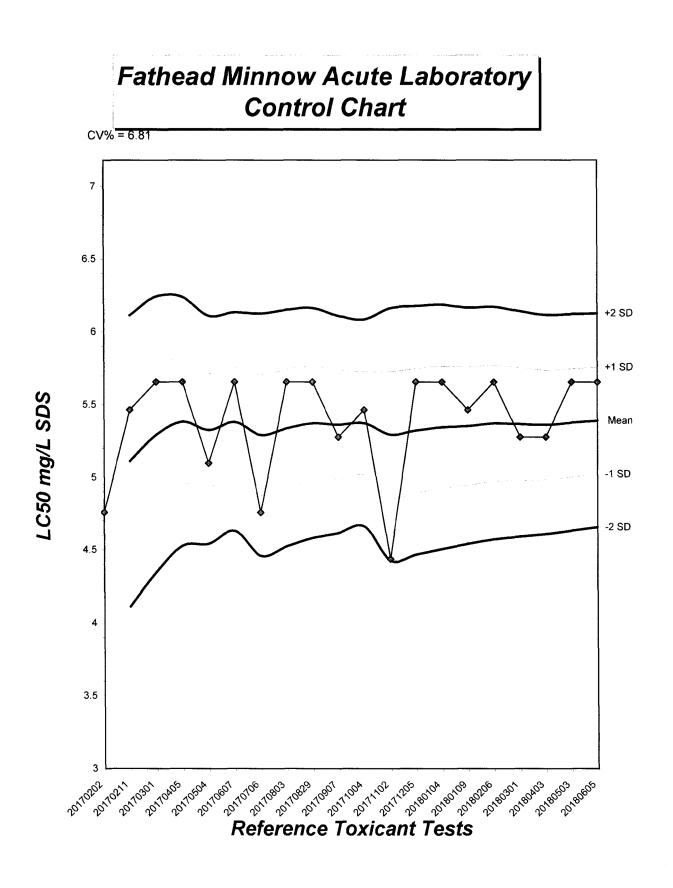


Critical

Skew

Kurt







TEST ORGANISM LOG

FATHEAD MINNOW - LARVAL (Pimephales promelas)

QA/QC BATCH NO.: RT-180605

SOURCE: In-Lab Culture
DATE HATCHED: 5-27-18
APPROXIMATE QUANTITY: <u> </u>
GENERAL APPEARANCE:
MORTALITIES 48 HOURS PRIOR TO TO USE IN TESTING:
DATE USED IN LAB: $6/5/15$
AVERAGE FISH WEIGHT: O- UO - gm

LOADING LIMITS: 0.65 gm/liter @ 20°C, 0.40 gm/liter @ 25°C

Approximately 1000 fish per 10 liters limit if held overnight for acclimation without filtration @ 20°C for fish with a mean weight of 0.006 gm.

Approximately 650 fish per 10 liters limit if held overnight for acclimation without filtration @ 25°C for fish with a mean weight of 0.006 gm.

200 ml test solution volume = 0.013 gm mean fish weight limit @ 20° C; 0.008 @ 25° C 250 ml test solution volume = 0.016 gm mean fish weight limit @ 20° C; 0.010 @ 25° C

ACCLIMATION WATER QUALITY:

Temp.: <u>20.5</u> °C	pH: 8.1 Ammonia:	←mg/I NH ₃ -N
DO:7 mg/l	Alkalinity: <u>Co</u> mg/l	Hardness: 5 6 mg/l

READINGS RECORDED BY:	M	DATE:	6-6-18

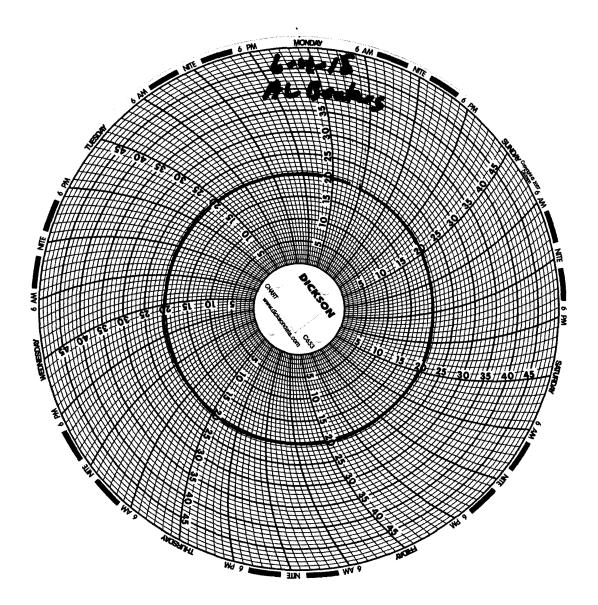


Test Temperature Chart

Test No: RT-180605

Date Tested: 06/05/18 to 06/09/18

Acceptable Range: 20 +/- 1°C



		9765 ETON Tel: 818	I AVE., CH 1-998-5547	AVE., CHATSWORTH, CA 91311 -998-5547 FAX: 818-998-7258	TH, CA 1-998-72	91311 88							L.d.	Pade of
Client: APEX/The Source Group, Inc.	oup, Inc.	Project Name / No.:		DFSP - Norwalk / 091-NDLA	rwalk / (01-ND	LA			Sampl	Sampler's Name:		المحمد	Ĩ
Project Manager: Neil Irish		Site .	Address:	15306 Norwalk Blvd	walk Bh	g			Sa	mpler's	Sampler's Signature:	1~	<u>7</u> 1,	Quel 1
Phone: 562-597-1055			City:	Norwalk							P.O. No.:			
Fax: 569-597-1070		Sta	State & Zip:	CA 90650							Quote No.:	0.:		
	TAT Turnaround Codes **						8	ANALYS	IS REQ	JESTED	ANALYSIS REQUESTED (Test Name)	()		
	•	72 Hour Rush	÷				1928 V	\vdash			\vdash			
(2) = 24 Hour Rush (3) = 48 Hour Rush	н н Х (2) н С	5 Day Rush 10 Working	Dave (Star	Dave (Standard TAT)		WSI	7.00; 7.00;				-			Special
					- CM	08 PI	TM\gt	ixoT						Instructions
Client I.D.	64 (Q	Date	Time	Sample Matrix	of of Cont	Please	nter	he TAT	Turnar	ound Cc	/ / / sepc	elow		
Effluent	5FOY OIS-01	81-4-9	1057	Water				\mathbf{F}					Repo	Report J-Flags
					<u>.</u>									
													2	
	Same and a state										 -			
4	Mrcoc N													
	and the				+			_			+	_		
	State of the second sec							_	-			-		and the second s
See See										-	-			· · · · · ·
					-		-	+		-				
								$\left - \right $						
			X	Ĕ	Relinquished by	<u>ہ</u> ک	<u></u>	ă,	Date	Time	Ð		Rece	Received by
					Dalinau iishad hu		T	21-2-0	X X	F	+-	5		
A5332615/8F04012	18604012		0			6 0		1-1 0-1	1-18	926	<u>2</u> 2	and the second sec	Lec	keceived by
				Relin	Relinquished by	ρλ		ã	Date	Time.	e e		Rece	Received by

APPENDIX B

Laboratory ELAP Certification

The Source Group, Inc.



Interim



CALIFORNIA STATE

ENVIRONMENTAL LABORATORY ACCREDITATION PROGRAM

CERTIFICATE OF ENVIRONMENTAL ACCREDITATION

Is hereby granted to

American Analytics Inc.

Stationary Laboratory

9765 Eton Avenue

Chatsworth, CA 91311

Scope of the certificate is limited to the "Fields of Testing" which accompany this Certificate.

Continued accredited status depends on successful completion of on-site inspection, proficiency testing studies, and payment of applicable fees.

This Certificate is granted in accordance with provisions of Section 100825, et seq. of the Health and Safety Code.

Certificate No.: 1471

Expiration Date: 3/31/2019

Effective Date: 4/1/2018

Sacramento, California subject to forfeiture or revocation

Christine Sotelo, Chief Environmental Laboratory Accreditation Program

APPENDIX C Report Certification

The Source Group, Inc.



DEFENSE LOGISTICS AGENCY INSTALLATION OPERATIONS ENERGY 8725 JOHN J. KINGMAN ROAD FORT BELVOIR VIRGINIA 22060-6221

July 5, 2018

Mr. Gensen Kai California Regional Water Quality Control Board Los Angeles Region 320 West 4th Street, Suite 200 Los Angeles, California 90013

Dear Mr. Kai:

In reference to General National Pollutant Discharge Elimination System (NPDES) Permit (NPDES No. CAG994004) CFN# CI-7585, please accept this letter as DLA's certification of the Groundwater Discharge Monitoring Report – Quarter 2 of calendar year 2018 for the Defense Fuel Support Point (DFSP) Norwalk facility in Norwalk, California.

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 submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties submitting false information, including the possibility of a fine and imprisonment for knowing violations.

If you have any questions or need additional information concerning this document, please contact Ms. Carol Devier-Heeney at (703) 767-9813 or <u>carol.devier-heeney@dla.mil</u>.

Sincerely,

Digitally signed by POTTER.WILLIAM.Y.1394566272 Date: 2018.07.05 04:16:49 -04'00'

William Y. Potter Chief, Restoration Branch

Enclosure As stated

cc:

CRWQB Information Technology Unit Mike Wood, P.E., Senior Engineer, The Source Group, Inc.

GEOTRACKER ESI

UPLOADING A GEO_REPORT FILE

SUCCESS

	0000200
Your G	EO_REPORT file has been successfully submitted!
Submittal Type:	GEO_REPORT
Report Title:	GROUNDWATER DISCHARGE MONITORING REPORT QUARTER 2, 2018
Report Type:	NPDES / WDR Reports
Report Date:	7/5/2018
Facility Global ID:	SLT43185183
Facility Name:	Norwalk, Fuel Terminal DFSP - DOD - NORWALK DFSP
File Name:	GROUNDWATER DISCHARGE MONITORING REPORT QUARTER 2, 2018.pdf
<u>Organization</u> <u>Name:</u>	The Source Group, Inc.
Username:	SIGNAL HILL
IP Address:	66.214.148.134
<u>Submittal</u> Date/Time:	7/5/2018 12:30:13 PM
<u>Confirmation</u> <u>Number:</u>	4342520594

Copyright © 2018 State of California