BSK Associates Sacramento
3140 Gold Camp Drive #160
Rancho Cordova, CA 95670
916.853.9293 (Main)
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SDG0001
7/22/2020
Invoice: SD03020

Jeremy Shykowski
City of Folsom
194 Randall Drive
Folsom, CA 95630

RE: Report for SDG0001 Annual Testing

Dear Jeremy Shykowski,

Thank you for using BSK Associates for your analytical testing needs. In the following pages, you will find the test results for the samples submitted to our laboratory on 7/1/2020. The results have been approved for release by our Laboratory Director as indicated by the authorizing signature below.

The samples were analyzed for the test(s) indicated on the Chain of Custody (see attached) and the results relate only to the samples analyzed. BSK certifies that the testing was performed in accordance with the quality system requirements specified in the 2009 TNI Standard. Any deviations from this standard or from the method requirements for each test procedure performed will be annotated alongside the analytical result or noted in the Case Narrative. Unless otherwise noted, the sample results are reported on an “as received” basis.

If additional clarification of any information is required, please contact your Project Manager, Jaime Lee LaFave , at (916) 853-9293.

Thank you again for using BSK Associates. We value your business and appreciate your loyalty.

Sincerely,

Jaime Lee LaFave, Project Manager

BSK ASSOCIATES

Case Narrative

Project and Report Details		Invoice Details	
Client:	City of Folsom	**Invoice To:**	City of Folsom
Report To:	Jeremy Shykowski	**Invoice Attn:**	AP
Project #:	Annual Testing - 2020	**Project PO#:**	XP3302
Received:	7/01/2020 - 09:15		
Report Due:	7/23/2020		

Sample Receipt Conditions

Cooler: Default Cooler
Temperature on Receipt ºC: 9.4

Containers Intact
COC/Labels Agree
Received On Wet Ice
Sample(s) arrived at lab on same day sampled.
Sample(s) were received in temperature range.
Initial receipt at BSK-SAC

Data Qualifiers

The following qualifiers have been applied to one or more analytical results:

B	Analyte exceeds laboratory acceptance limit for blank contamination.
B1.1	Analyte detected in associated method blank. No material impact on reported result as sample is ND for this parameter.
MS1.0	Matrix spike recoveries exceed control limits.
OD.b	Earthy/Musty/Moldy
OD.f	Fishy/Rancid

Report Distribution

Recipient(s)	Report Format	CC:
Jeremy Shykowski	FINAL.RPT	jkime@folsom.ca.us;bpearson@folsom.ca.us
Jeremy Shykowski	WRITEON.RPT	

Certificate of Analysis

Sample ID: SDG0001-01
Sampled By: Bryan Farley
Sample Description: WTP - Raw

Sample Date - Time: 07/01/2020 - 08:30
Matrix: Water
Sample Type: Grab

BSK Associates Laboratory Fresno

General Chemistry

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Aggressive Index		**9.3**				ADG0717	07/14/20	07/14/20	
Alkalinity as CaCO3	SM 2320B	**25**	3.0	mg/L	1	ADG0164	07/06/20	07/06/20	
Bicarbonate as CaCO3	SM 2320B	**25**	3.0	mg/L	1	ADG0164	07/06/20	07/06/20	
Carbonate as CaCO3	SM 2320B	ND	3.0	mg/L	1	ADG0164	07/06/20	07/06/20	
Hydroxide as CaCO3	SM 2320B	ND	3.0	mg/L	1	ADG0164	07/06/20	07/06/20	
Cyanide (total)	SM 4500-CN E	ND	0.0050	mg/L	1	ADG0328	07/08/20	07/13/20	
Conductivity @ 25C	SM 2510B	**60**	1.0	umhos/cm	1	ADG0164	07/06/20	07/06/20	
Hexavalent Chromium	EPA 218.7	**0.088**	0.050	ug/L	1	ADG0629	07/14/20	07/14/20	
Langelier Index	SM 2330B	**-2.7**				ADG0717	07/14/20	07/14/20	
MBAS, Calculated as LAS, mol wt 340	SM 5540C	ND	0.050	mg/L	1	ADG0147	07/02/20 20:20	07/02/20	
Perchlorate	EPA 314.0	ND	2.0	ug/L	1	ADG0231	07/08/20	07/08/20	
Total Dissolved Solids	SM 2540C	**43**	5.0	mg/L	1	ADG0172	07/06/20	07/09/20	

Metals

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Aluminum	EPA 200.7	ND	0.050	mg/L	1	ADG0169	07/06/20	07/07/20	
Antimony	EPA 200.8	ND	2.0	ug/L	1	ADG0169	07/06/20	07/13/20	
Arsenic	EPA 200.8	ND	2.0	ug/L	1	ADG0169	07/06/20	07/13/20	
Barium	EPA 200.7	ND	0.050	mg/L	1	ADG0169	07/06/20	07/07/20	
Beryllium	EPA 200.8	ND	1.0	ug/L	1	ADG0169	07/06/20	07/13/20	
Cadmium	EPA 200.8	ND	1.0	ug/L	1	ADG0169	07/06/20	07/13/20	
Calcium	EPA 200.7	**5.6**	0.10	mg/L	1	ADG0169	07/06/20	07/07/20	
Chromium	EPA 200.8	ND	10	ug/L	1	ADG0169	07/06/20	07/13/20	
Copper	EPA 200.8	ND	5.0	ug/L	1	ADG0169	07/06/20	07/13/20	
Iron	EPA 200.7	**0.035**	0.030	mg/L	1	ADG0169	07/06/20	07/07/20	
Lead	EPA 200.8	ND	1.0	ug/L	1	ADG0169	07/06/20	07/13/20	
Magnesium	EPA 200.7	**2.0**	0.10	mg/L	1	ADG0169	07/06/20	07/07/20	
Manganese	EPA 200.7	ND	0.010	mg/L	1	ADG0169	07/06/20	07/07/20	
Mercury	EPA 200.8	ND	0.20	ug/L	1	ADG0169	07/06/20	07/13/20	
Nickel	EPA 200.8	ND	10	ug/L	1	ADG0169	07/06/20	07/13/20	
Potassium	EPA 200.7	ND	2.0	mg/L	1	ADG0169	07/06/20	07/07/20	
Selenium	EPA 200.8	ND	2.0	ug/L	1	ADG0169	07/06/20	07/13/20	
Silver	EPA 200.8	ND	10	ug/L	1	ADG0169	07/06/20	07/13/20	
Sodium	EPA 200.7	**2.4**	1.0	mg/L	1	ADG0169	07/06/20	07/07/20	
Hardness as CaCO3	CALC	**22**	0.66	mg/L					
Thallium	EPA 200.8	ND	1.0	ug/L	1	ADG0169	07/06/20	07/13/20	
Zinc	EPA 200.7	ND	0.050	mg/L	1	ADG0169	07/06/20	07/07/20	

Organics

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual

EDB and DBCP by GC-ECD

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Organics

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
EDB and DBCP by GC-ECD									
Ethylene Dibromide (EDB)	EPA 504.1	ND	0.020	ug/L	1	ADG0175	07/06/20	07/07/20	
Dibromochloropropane (DBCP)	EPA 504.1	ND	0.010	ug/L	1	ADG0175	07/06/20	07/07/20	
Surrogate: 1-Br-2-Nitrobenzene	EPA 504.1	89 %	*Acceptable range: 70-130 %*						
Organohalide Pesticides and PCBs by GC-ECD									
Aldrin	EPA 505	ND	0.075	ug/L	1	ADG0175	07/06/20	07/07/20	
Chlordane (Technical)	EPA 505	ND	0.10	ug/L	1	ADG0175	07/06/20	07/07/20	
Dieldrin	EPA 505	ND	0.020	ug/L	1	ADG0175	07/06/20	07/07/20	
Endrin	EPA 505	ND	0.10	ug/L	1	ADG0175	07/06/20	07/07/20	
Heptachlor	EPA 505	ND	0.010	ug/L	1	ADG0175	07/06/20	07/07/20	
Heptachlor Epoxide	EPA 505	ND	0.010	ug/L	1	ADG0175	07/06/20	07/07/20	
Hexachlorobenzene	EPA 505	ND	0.50	ug/L	1	ADG0175	07/06/20	07/07/20	
Hexachlorocyclopentadiene	EPA 505	ND	1.0	ug/L	1	ADG0175	07/06/20	07/07/20	
Lindane	EPA 505	ND	0.20	ug/L	1	ADG0175	07/06/20	07/07/20	
Methoxychlor	EPA 505	ND	10	ug/L	1	ADG0175	07/06/20	07/07/20	
PCB Aroclor Screen	EPA 505	ND	0.50	ug/L	1	ADG0175	07/06/20	07/07/20	
Toxaphene	EPA 505	ND	1.0	ug/L	1	ADG0175	07/06/20	07/07/20	
Surrogate: 1-Br-2-Nitrobenzene	EPA 505	89 %	*Acceptable range: 70-130 %*						
Chlorinated Acid Herbicides by GC-ECD									
2,4,5-T	EPA 515.4	ND	1.0	ug/L	1	ADG0483	07/09/20	07/13/20	
2,4,5-TP (Silvex)	EPA 515.4	ND	1.0	ug/L	1	ADG0483	07/09/20	07/13/20	
2,4-D	EPA 515.4	ND	10	ug/L	1	ADG0483	07/09/20	07/13/20	
Bentazon	EPA 515.4	ND	2.0	ug/L	1	ADG0483	07/09/20	07/13/20	
Dalapon	EPA 515.4	ND	10	ug/L	1	ADG0483	07/09/20	07/13/20	
Dicamba	EPA 515.4	ND	1.5	ug/L	1	ADG0483	07/09/20	07/13/20	
Dinoseb	EPA 515.4	ND	2.0	ug/L	1	ADG0483	07/09/20	07/13/20	
Pentachlorophenol	EPA 515.4	ND	0.20	ug/L	1	ADG0483	07/09/20	07/13/20	
Picloram	EPA 515.4	ND	1.0	ug/L	1	ADG0483	07/09/20	07/13/20	
Surrogate: DCPAA	EPA 515.4	98 %	*Acceptable range: 70-130 %*						
Volatile Organics by GC-MS									
1,1,1,2-Tetrachloroethane	EPA 524.2	ND	0.50	ug/L	1	ADG0095	07/06/20	07/07/20	
1,1,1-Trichloroethane	EPA 524.2	ND	0.50	ug/L	1	ADG0095	07/06/20	07/07/20	
1,1,2,2-Tetrachloroethane	EPA 524.2	ND	0.50	ug/L	1	ADG0095	07/06/20	07/07/20	
1,1,2-Trichloro-1,2,2-trifluoroethane	EPA 524.2	ND	10	ug/L	1	ADG0095	07/06/20	07/07/20	
1,1,2-Trichloroethane	EPA 524.2	ND	0.50	ug/L	1	ADG0095	07/06/20	07/07/20	
1,1-Dichloroethane	EPA 524.2	ND	0.50	ug/L	1	ADG0095	07/06/20	07/07/20	
1,1-Dichloroethene	EPA 524.2	ND	0.50	ug/L	1	ADG0095	07/06/20	07/07/20	
1,1-Dichloropropene	EPA 524.2	ND	0.50	ug/L	1	ADG0095	07/06/20	07/07/20	
1,2,3-Trichlorobenzene	EPA 524.2	ND	0.50	ug/L	1	ADG0095	07/06/20	07/07/20	
1,2,4-Trichlorobenzene	EPA 524.2	ND	0.50	ug/L	1	ADG0095	07/06/20	07/07/20	
1,2,4-Trimethylbenzene	EPA 524.2	ND	0.50	ug/L	1	ADG0095	07/06/20	07/07/20	
1,2-Dichlorobenzene	EPA 524.2	ND	0.50	ug/L	1	ADG0095	07/06/20	07/07/20	
1,2-Dichloroethane	EPA 524.2	ND	0.50	ug/L	1	ADG0095	07/06/20	07/07/20	

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Organics

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Volatile Organics by GC-MS									
1,2-Dichloropropane	EPA 524.2	ND	0.50	ug/L	1	ADG0095	07/06/20	07/07/20	
1,3,5-Trimethylbenzene	EPA 524.2	ND	0.50	ug/L	1	ADG0095	07/06/20	07/07/20	
1,3-Dichlorobenzene	EPA 524.2	ND	0.50	ug/L	1	ADG0095	07/06/20	07/07/20	
1,3-Dichloropropane	EPA 524.2	ND	0.50	ug/L	1	ADG0095	07/06/20	07/07/20	
1,4-Dichlorobenzene	EPA 524.2	ND	0.50	ug/L	1	ADG0095	07/06/20	07/07/20	
2,2-Dichloropropane	EPA 524.2	ND	0.50	ug/L	1	ADG0095	07/06/20	07/07/20	
2-Butanone	EPA 524.2	ND	5.0	ug/L	1	ADG0095	07/06/20	07/07/20	
2-Chlorotoluene	EPA 524.2	ND	0.50	ug/L	1	ADG0095	07/06/20	07/07/20	
2-Hexanone	EPA 524.2	ND	10	ug/L	1	ADG0095	07/06/20	07/07/20	
4-Chlorotoluene	EPA 524.2	ND	0.50	ug/L	1	ADG0095	07/06/20	07/07/20	
4-Methyl-2-pentanone	EPA 524.2	ND	5.0	ug/L	1	ADG0095	07/06/20	07/07/20	
Acetone	EPA 524.2	ND	10	ug/L	1	ADG0095	07/06/20	07/07/20	
Benzene	EPA 524.2	ND	0.50	ug/L	1	ADG0095	07/06/20	07/07/20	
Bromobenzene	EPA 524.2	ND	0.50	ug/L	1	ADG0095	07/06/20	07/07/20	
Bromochloromethane	EPA 524.2	ND	0.50	ug/L	1	ADG0095	07/06/20	07/07/20	
Bromodichloromethane	EPA 524.2	ND	0.50	ug/L	1	ADG0095	07/06/20	07/07/20	
Bromoform	EPA 524.2	ND	0.50	ug/L	1	ADG0095	07/06/20	07/07/20	
Bromomethane	EPA 524.2	ND	0.50	ug/L	1	ADG0095	07/06/20	07/07/20	
Carbon Tetrachloride	EPA 524.2	ND	0.50	ug/L	1	ADG0095	07/06/20	07/07/20	
Chlorobenzene	EPA 524.2	ND	0.50	ug/L	1	ADG0095	07/06/20	07/07/20	
Chloroethane	EPA 524.2	ND	0.50	ug/L	1	ADG0095	07/06/20	07/07/20	
Chloroform	EPA 524.2	ND	0.50	ug/L	1	ADG0095	07/06/20	07/07/20	
Chloromethane	EPA 524.2	ND	0.50	ug/L	1	ADG0095	07/06/20	07/07/20	
cis-1,2-Dichloroethene	EPA 524.2	ND	0.50	ug/L	1	ADG0095	07/06/20	07/07/20	
cis-1,3-Dichloropropene	EPA 524.2	ND	0.50	ug/L	1	ADG0095	07/06/20	07/07/20	
Dibromochloromethane	EPA 524.2	ND	0.50	ug/L	1	ADG0095	07/06/20	07/07/20	
Dibromomethane	EPA 524.2	ND	0.50	ug/L	1	ADG0095	07/06/20	07/07/20	
Dichlorodifluoromethane	EPA 524.2	ND	0.50	ug/L	1	ADG0095	07/06/20	07/07/20	
Dichloromethane	EPA 524.2	ND	0.50	ug/L	1	ADG0095	07/06/20	07/07/20	
Di-isopropyl ether (DIPE)	EPA 524.2	ND	3.0	ug/L	1	ADG0095	07/06/20	07/07/20	
Ethyl tert-Butyl Ether (ETBE)	EPA 524.2	ND	0.50	ug/L	1	ADG0095	07/06/20	07/07/20	
Ethylbenzene	EPA 524.2	ND	0.50	ug/L	1	ADG0095	07/06/20	07/07/20	
Hexachlorobutadiene	EPA 524.2	ND	0.50	ug/L	1	ADG0095	07/06/20	07/07/20	
Isopropylbenzene	EPA 524.2	ND	0.50	ug/L	1	ADG0095	07/06/20	07/07/20	
m,p-Xylenes	EPA 524.2	ND	0.50	ug/L	1	ADG0095	07/06/20	07/07/20	
Methyl-t-butyl ether	EPA 524.2	ND	0.50	ug/L	1	ADG0095	07/06/20	07/07/20	
Naphthalene	EPA 524.2	ND	0.50	ug/L	1	ADG0095	07/06/20	07/07/20	B1.1
n-Butylbenzene	EPA 524.2	ND	0.50	ug/L	1	ADG0095	07/06/20	07/07/20	
n-Propylbenzene	EPA 524.2	ND	0.50	ug/L	1	ADG0095	07/06/20	07/07/20	
o-Xylene	EPA 524.2	ND	0.50	ug/L	1	ADG0095	07/06/20	07/07/20	
p-Isopropyltoluene	EPA 524.2	ND	0.50	ug/L	1	ADG0095	07/06/20	07/07/20	
sec-Butylbenzene	EPA 524.2	ND	0.50	ug/L	1	ADG0095	07/06/20	07/07/20	
Styrene	EPA 524.2	ND	0.50	ug/L	1	ADG0095	07/06/20	07/07/20	
tert-Amyl Methyl Ether (TAME)	EPA 524.2	ND	3.0	ug/L	1	ADG0095	07/06/20	07/07/20	

Certificate of Analysis

Sample ID: SDG0001-01
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Sample Date - Time: 07/01/2020 - 08:30
Matrix: Water
Sample Type: Grab

Organics

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Volatile Organics by GC-MS									
tert-Butyl alcohol (TBA)	EPA 524.2	ND	2.0	ug/L	1	ADG0095	07/06/20	07/07/20	
tert-Butylbenzene	EPA 524.2	ND	0.50	ug/L	1	ADG0095	07/06/20	07/07/20	
Tetrachloroethene (PCE)	EPA 524.2	ND	0.50	ug/L	1	ADG0095	07/06/20	07/07/20	
Toluene	EPA 524.2	ND	0.50	ug/L	1	ADG0095	07/06/20	07/07/20	
trans-1,2-Dichloroethene	EPA 524.2	ND	0.50	ug/L	1	ADG0095	07/06/20	07/07/20	
trans-1,3-Dichloropropene	EPA 524.2	ND	0.50	ug/L	1	ADG0095	07/06/20	07/07/20	
Trichloroethene (TCE)	EPA 524.2	ND	0.50	ug/L	1	ADG0095	07/06/20	07/07/20	
Trichlorofluoromethane	EPA 524.2	ND	5.0	ug/L	1	ADG0095	07/06/20	07/07/20	
Vinyl Chloride	EPA 524.2	ND	0.50	ug/L	1	ADG0095	07/06/20	07/07/20	
Surrogate: 1,2-Dichlorobenzene-d4	EPA 524.2	120 %	*Acceptable range: 70-130 %*						
Surrogate: Bromofluorobenzene	EPA 524.2	125 %	*Acceptable range: 70-130 %*						
Total 1,3-Dichloropropene		ND	0.50	ug/L					
Total Trihalomethanes		ND	0.50	ug/L					
Total Xylenes, EPA 524.2		ND	0.50	ug/L					
Semi-Volatile Organics by GC-MS									
Alachlor	EPA 525.3	ND	1.0	ug/L	1	ADG0420	07/09/20	07/13/20	
Atrazine	EPA 525.3	ND	0.50	ug/L	1	ADG0420	07/09/20	07/13/20	
Benzo(a)pyrene	EPA 525.3	ND	0.10	ug/L	1	ADG0420	07/09/20	07/13/20	
Bis(2-ethylhexyl) adipate	EPA 525.3	ND	3.0	ug/L	1	ADG0420	07/09/20	07/13/20	
Bis(2-ethylhexyl) phthalate	EPA 525.3	ND	3.0	ug/L	1	ADG0420	07/09/20	07/13/20	
Bromacil	EPA 525.3	ND	10	ug/L	1	ADG0420	07/09/20	07/13/20	
Butachlor	EPA 525.3	ND	0.38	ug/L	1	ADG0420	07/09/20	07/13/20	
Diazinon	EPA 525.3	ND	0.25	ug/L	1	ADG0420	07/09/20	07/13/20	
Dimethoate	EPA 525.3	ND	10	ug/L	1	ADG0420	07/09/20	07/13/20	
Metolachlor	EPA 525.3	ND	0.50	ug/L	1	ADG0420	07/09/20	07/13/20	
Metribuzin	EPA 525.3	ND	0.50	ug/L	1	ADG0420	07/09/20	07/13/20	
Molinate	EPA 525.3	ND	2.0	ug/L	1	ADG0420	07/09/20	07/13/20	
Propachlor	EPA 525.3	ND	0.50	ug/L	1	ADG0420	07/09/20	07/13/20	
Simazine	EPA 525.3	ND	1.0	ug/L	1	ADG0420	07/09/20	07/13/20	
Thiobencarb	EPA 525.3	ND	1.0	ug/L	1	ADG0420	07/09/20	07/13/20	
Surrogate: 1,3-Dimethyl-2-nitrobenzene	EPA 525.3	100 %	*Acceptable range: 70-130 %*						
Surrogate: Benzo(a)pyrene-d12	EPA 525.3	106 %	*Acceptable range: 70-130 %*						
Surrogate: Triphenyl Phosphate	EPA 525.3	103 %	*Acceptable range: 70-130 %*						
Carbamates by HPLC									
3-Hydroxycarbofuran	EPA 531.1	ND	3.0	ug/L	1	ADG0506	07/10/20	07/11/20	
Aldicarb	EPA 531.1	ND	3.0	ug/L	1	ADG0506	07/10/20	07/11/20	
Aldicarb Sulfone	EPA 531.1	ND	2.0	ug/L	1	ADG0506	07/10/20	07/11/20	
Aldicarb Sulfoxide	EPA 531.1	ND	3.0	ug/L	1	ADG0506	07/10/20	07/11/20	
Carbaryl	EPA 531.1	ND	5.0	ug/L	1	ADG0506	07/10/20	07/11/20	
Carbofuran	EPA 531.1	ND	5.0	ug/L	1	ADG0506	07/10/20	07/11/20	
Methomyl	EPA 531.1	ND	2.0	ug/L	1	ADG0506	07/10/20	07/11/20	
Oxamyl	EPA 531.1	ND	20	ug/L	1	ADG0506	07/10/20	07/11/20	

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Organics

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Glyphosate by HPLC									
Glyphosate	EPA 547	ND	25	ug/L	1	ADG0162	07/05/20	07/05/20	
Surrogate: AMPA	EPA 547	104 %	*Acceptable range: 70-130 %*						
Endothall by GC-MS									
Endothall	EPA 548.1	ND	45	ug/L	1	ADG0304	07/07/20	07/08/20	
Diquat by HPLC									
Diquat	EPA 549.2	ND	4.0	ug/L	1.6	ADG0183	07/06/20	07/13/20	

BSK Associates Sacramento

General Chemistry

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Chloride	EPA 300.0	**1.6**	1.0	mg/L	1	SDG0001	07/01/20	07/01/20	
Color, Apparent	SM 2120B	**5.0**	5.0	CU	1	SDG0002	07/01/20 14:18	07/01/20	
Color pH (1)	SM 4500-H+ B	**6.7**		pH Units	1	SDG0002	07/01/20	07/01/20	
Fluoride	EPA 300.0	ND	0.10	mg/L	1	SDG0001	07/01/20	07/01/20	
Nitrate + Nitrite as N	EPA 300.0	ND	0.23	mg/L	1	SDG0001	07/01/20 16:12	07/01/20	
Nitrate as N	EPA 300.0	ND	0.23	mg/L	1	SDG0001	07/01/20 16:12	07/01/20	
Nitrite as N	EPA 300.0	ND	0.050	mg/L	1	SDG0001	07/01/20 16:12	07/01/20	
Threshold Odor	SM 2150B	**2.0**	1.0	T.O.N.	1	SDG0039	07/01/20 10:55	07/01/20	OD.b, OD.f
pH (1)	SM 4500-H+ B	**6.7**		pH Units	1	SDG0003	07/01/20	07/01/20	
pH Temperature in °C		**21.5**							
Sulfate as SO4	EPA 300.0	**2.0**	0.50	mg/L	1	SDG0001	07/01/20	07/01/20	
Turbidity	SM 2130B	**0.88**	0.10	NTU	1	SDG0002	07/01/20 14:18	07/01/20	

Certificate of Analysis

Sample ID: SDG0001-04
Sampled By: BSK
Sample Description: 504 TB- 0320055

Sample Date - Time: 07/01/2020 - 00:00
Matrix: Water
Sample Type: Trip Blank

BSK Associates Laboratory Fresno

Organics

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
EDB and DBCP by GC-ECD									
Ethylene Dibromide (EDB)	EPA 504.1	ND	0.020	ug/L	1	ADG0336	07/08/20	07/09/20	
Dibromochloropropane (DBCP)	EPA 504.1	ND	0.010	ug/L	1	ADG0336	07/08/20	07/09/20	
Surrogate: 1-Br-2-Nitrobenzene	EPA 504.1	99 %	*Acceptable range: 70-130 %*						

BSK Associates Laboratory Fresno

General Chemistry Quality Control Report

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Date Analyzed	Qual
EPA 218.7 - Quality Control											
Batch: ADG0629										Prepared: 7/14/2020	
Prep Method: Method Specific Preparation										Analyst: CEG	
Blank (ADG0629-BLK1)											
Hexavalent Chromium	ND	0.050	ug/L							07/14/20	
Blank Spike (ADG0629-BS1)											
Hexavalent Chromium	0.047	0.050	ug/L	0.050	ND	94	50-150			07/14/20	
Matrix Spike (ADG0629-MS1), Source: SDG0020-01											
Hexavalent Chromium	2.0	0.050	ug/L	2.0	0.11	97	85-115			07/14/20	
Matrix Spike Dup (ADG0629-MSD1), Source: SDG0020-01											
Hexavalent Chromium	1.9	0.050	ug/L	2.0	0.11	91	85-115	5	15	07/14/20	
EPA 314.0 - Quality Control											
Batch: ADG0231										Prepared: 7/7/2020	
Prep Method: Method Specific Preparation										Analyst: SEL	
Blank (ADG0231-BLK1)											
Perchlorate	ND	2.0	ug/L							07/07/20	
Blank (ADG0231-BLK2)											
Perchlorate	ND	2.0	ug/L							07/07/20	
Blank Spike (ADG0231-BS1)											
Perchlorate	14	2.0	ug/L	15	ND	91	85-115			07/07/20	
Blank Spike (ADG0231-BS2)											
Perchlorate	14	2.0	ug/L	15	ND	97	85-115			07/07/20	
Matrix Spike (ADG0231-MS1), Source: ADF2932-01											
Perchlorate	9.6	2.0	ug/L	10	ND	96	80-120			07/07/20	
Matrix Spike (ADG0231-MS2), Source: ADF1701-01RE1											
Perchlorate	5.2	2.0	ug/L	5.0	ND	103	80-120			07/07/20	
Matrix Spike Dup (ADG0231-MSD1), Source: ADF2932-01											
Perchlorate	9.6	2.0	ug/L	10	ND	96	80-120	0	15	07/07/20	
SM 2320B - Quality Control											
Batch: ADG0164										Prepared: 7/6/2020	
Prep Method: Method Specific Preparation										Analyst: CEG	
Blank (ADG0164-BLK1)											
Alkalinity as CaCO3	ND	3.0	mg/L							07/06/20	
Bicarbonate as CaCO3	ND	3.0	mg/L							07/06/20	
Carbonate as CaCO3	ND	3.0	mg/L							07/06/20	

BSK Associates Laboratory Fresno

General Chemistry Quality Control Report

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Date Analyzed	Qual
SM 2320B - Quality Control											
Batch: ADG0164										Prepared: 7/6/2020	
Prep Method: Method Specific Preparation										Analyst: CEG	
Blank (ADG0164-BLK1)											
Hydroxide as CaCO3	ND	3.0	mg/L							07/06/20	
Blank Spike (ADG0164-BS1)											
Alkalinity as CaCO3	97	3.0	mg/L	100	ND	97	80-120			07/06/20	
Blank Spike Dup (ADG0164-BSD1)											
Alkalinity as CaCO3	96	3.0	mg/L	100	ND	96	80-120	0	20	07/06/20	
Duplicate (ADG0164-DUP1), Source: ADG0347-01											
Alkalinity as CaCO3	290	3.0	mg/L		290			0	10	07/06/20	
Bicarbonate as CaCO3	290	3.0	mg/L		290			0	10	07/06/20	
Carbonate as CaCO3	ND	3.0	mg/L		ND				10	07/06/20	
Hydroxide as CaCO3	ND	3.0	mg/L		ND				10	07/06/20	
SM 2510B - Quality Control											
Batch: ADG0164										Prepared: 7/6/2020	
Prep Method: Method Specific Preparation										Analyst: CEG	
Blank (ADG0164-BLK1)											
Conductivity @ 25C	ND	1.0	umhos/cm							07/06/20	
Blank Spike (ADG0164-BS1)											
Conductivity @ 25C	1400	1.0	umhos/cm	1400	ND	100	90-110			07/06/20	
Blank Spike Dup (ADG0164-BSD1)											
Conductivity @ 25C	1400	1.0	umhos/cm	1400	ND	100	90-110	0	5	07/06/20	
Duplicate (ADG0164-DUP1), Source: ADG0347-01											
Conductivity @ 25C	2200	1.0	umhos/cm		2200			0	5	07/06/20	
SM 2540C - Quality Control											
Batch: ADG0172										Prepared: 7/6/2020	
Prep Method: Method Specific Preparation										Analyst: SYY	
Blank (ADG0172-BLK1)											
Total Dissolved Solids	ND	5.0	mg/L							07/09/20	
Blank Spike (ADG0172-BS1)											
Total Dissolved Solids	1000		mg/L	1000		100	70-130			07/09/20	
Duplicate (ADG0172-DUP1), Source: ADG0021-01											

BSK Associates Laboratory Fresno

General Chemistry Quality Control Report

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Date Analyzed	Qual
SM 2540C - Quality Control											
Batch: ADG0172										Prepared: 7/6/2020	
Prep Method: Method Specific Preparation										Analyst: SYY	
Duplicate (ADG0172-DUP1), Source: ADG0021-01											
Total Dissolved Solids	530	5.0	mg/L		520			3	10	07/09/20	
Duplicate (ADG0172-DUP2), Source: RDG0004-01											
Total Dissolved Solids	780	5.0	mg/L		770			1	10	07/09/20	
SM 4500-CN E - Quality Control											
Batch: ADG0328										Prepared: 7/8/2020	
Prep Method: Total Cyanide Distillation										Analyst: CEG	
Blank (ADG0328-BLK1)											
Cyanide (total)	ND	0.0050	mg/L							07/13/20	
Blank Spike (ADG0328-BS1)											
Cyanide (total)	0.24	0.0050	mg/L	0.25	ND	94	80-120			07/13/20	
Blank Spike Dup (ADG0328-BSD1)											
Cyanide (total)	0.24	0.0050	mg/L	0.25	ND	97	80-120	3	20	07/13/20	
Matrix Spike (ADG0328-MS1), Source: VDG0064-01											
Cyanide (total)	0.22	0.0050	mg/L	0.25	ND	90	80-120			07/13/20	
Matrix Spike Dup (ADG0328-MSD1), Source: VDG0064-01											
Cyanide (total)	0.22	0.0050	mg/L	0.25	ND	89	80-120	1	20	07/13/20	
SM 5540C - Quality Control											
Batch: ADG0147										Prepared: 7/2/2020	
Prep Method: Method Specific Preparation										Analyst: SYY	
Blank (ADG0147-BLK1)											
MBAS, Calculated as LAS, mol wt 340	ND	0.050	mg/L							07/02/20	
Blank Spike (ADG0147-BS1)											
MBAS, Calculated as LAS, mol wt 340	0.96	0.050	mg/L	1.0	ND	96	82-112			07/02/20	
Blank Spike Dup (ADG0147-BSD1)											
MBAS, Calculated as LAS, mol wt 340	0.96	0.050	mg/L	1.0	ND	96	82-112	0	20	07/02/20	
Matrix Spike (ADG0147-MS1), Source: SDG0001-01											
MBAS, Calculated as LAS, mol wt 340	0.96	0.050	mg/L	1.0	ND	96	80-112			07/02/20	
Matrix Spike Dup (ADG0147-MSD1), Source: SDG0001-01											
MBAS, Calculated as LAS, mol wt 340	0.96	0.050	mg/L	1.0	ND	96	80-112	0	20	07/02/20	

BSK Associates Laboratory Fresno

Metals Quality Control Report

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Date Analyzed	Qual
EPA 200.7 - Quality Control											
Batch: ADG0169										Prepared: 7/6/2020	
Prep Method: EPA 200.2										Analyst: mds	
Blank (ADG0169-BLK2)											
Aluminum	ND	0.050	mg/L							07/07/20	
Barium	ND	0.050	mg/L							07/07/20	
Calcium	ND	0.10	mg/L							07/07/20	
Iron	ND	0.030	mg/L							07/07/20	
Potassium	ND	2.0	mg/L							07/07/20	
Magnesium	ND	0.10	mg/L							07/07/20	
Manganese	ND	0.010	mg/L							07/07/20	
Sodium	ND	1.0	mg/L							07/07/20	
Zinc	ND	0.050	mg/L							07/07/20	
Blank Spike (ADG0169-BS2)											
Aluminum	0.19	0.050	mg/L	0.20	ND	94	85-115			07/07/20	
Barium	0.20	0.050	mg/L	0.20	ND	99	85-115			07/07/20	
Calcium	3.8	0.10	mg/L	4.0	ND	95	85-115			07/07/20	
Iron	0.20	0.030	mg/L	0.20	ND	99	85-115			07/07/20	
Potassium	4.0	2.0	mg/L	4.0	ND	100	85-115			07/07/20	
Magnesium	3.9	0.10	mg/L	4.0	ND	97	85-115			07/07/20	
Manganese	0.21	0.010	mg/L	0.20	ND	103	85-115			07/07/20	
Sodium	4.0	1.0	mg/L	4.0	ND	101	85-115			07/07/20	
Zinc	0.20	0.050	mg/L	0.20	ND	101	85-115			07/07/20	
Blank Spike Dup (ADG0169-BSD2)											
Aluminum	0.20	0.050	mg/L	0.20	ND	100	85-115	6	20	07/07/20	
Barium	0.20	0.050	mg/L	0.20	ND	99	85-115	0	20	07/07/20	
Calcium	3.8	0.10	mg/L	4.0	ND	95	85-115	1	20	07/07/20	
Iron	0.20	0.030	mg/L	0.20	ND	101	85-115	2	20	07/07/20	
Potassium	4.1	2.0	mg/L	4.0	ND	103	85-115	3	20	07/07/20	
Magnesium	4.0	0.10	mg/L	4.0	ND	100	85-115	3	20	07/07/20	
Manganese	0.21	0.010	mg/L	0.20	ND	105	85-115	2	20	07/07/20	
Sodium	4.0	1.0	mg/L	4.0	ND	101	85-115	0	20	07/07/20	
Zinc	0.21	0.050	mg/L	0.20	ND	104	85-115	2	20	07/07/20	
Matrix Spike (ADG0169-MS3), Source: SDG0001-01											
Aluminum	0.22	0.050	mg/L	0.20	ND	97	70-130			07/07/20	
Barium	0.21	0.050	mg/L	0.20	ND	106	70-130			07/07/20	
Calcium	9.5	0.10	mg/L	4.0	5.6	98	70-130			07/07/20	
Iron	0.24	0.030	mg/L	0.20	0.035	101	70-130			07/07/20	
Potassium	4.7	2.0	mg/L	4.0	ND	117	70-130			07/07/20	
Magnesium	5.9	0.10	mg/L	4.0	2.0	99	70-130			07/07/20	
Manganese	0.21	0.010	mg/L	0.20	ND	104	70-130			07/07/20	
Sodium	6.4	1.0	mg/L	4.0	2.4	100	70-130			07/07/20	
Zinc	0.21	0.050	mg/L	0.20	ND	103	70-130			07/07/20	

BSK Associates Laboratory Fresno

Metals Quality Control Report

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Date Analyzed	Qual
EPA 200.7 - Quality Control											
Batch: ADG0169										Prepared: 7/6/2020	
Prep Method: EPA 200.2										Analyst: mds	
Matrix Spike (ADG0169-MS4), Source: SDG0022-02											
Aluminum	0.19	0.050	mg/L	0.20	ND	93	70-130			07/07/20	
Barium	0.21	0.050	mg/L	0.20	ND	106	70-130			07/07/20	
Calcium	15	0.10	mg/L	4.0	11	92	70-130			07/07/20	
Iron	0.20	0.030	mg/L	0.20	ND	101	70-130			07/07/20	
Potassium	5.3	2.0	mg/L	4.0	ND	99	70-130			07/07/20	
Magnesium	9.8	0.10	mg/L	4.0	5.8	99	70-130			07/07/20	
Manganese	0.21	0.010	mg/L	0.20	ND	103	70-130			07/07/20	
Sodium	21	1.0	mg/L	4.0	18	84	70-130			07/07/20	
Zinc	0.21	0.050	mg/L	0.20	ND	104	70-130			07/07/20	
Matrix Spike Dup (ADG0169-MSD3), Source: SDG0001-01											
Aluminum	0.22	0.050	mg/L	0.20	ND	94	70-130	2	20	07/07/20	
Barium	0.21	0.050	mg/L	0.20	ND	107	70-130	1	20	07/07/20	
Calcium	9.6	0.10	mg/L	4.0	5.6	101	70-130	1	20	07/07/20	
Iron	0.24	0.030	mg/L	0.20	0.035	101	70-130	0	20	07/07/20	
Potassium	4.6	2.0	mg/L	4.0	ND	114	70-130	2	20	07/07/20	
Magnesium	5.9	0.10	mg/L	4.0	2.0	99	70-130	0	20	07/07/20	
Manganese	0.21	0.010	mg/L	0.20	ND	103	70-130	1	20	07/07/20	
Sodium	6.4	1.0	mg/L	4.0	2.4	99	70-130	1	20	07/07/20	
Zinc	0.21	0.050	mg/L	0.20	ND	103	70-130	1	20	07/07/20	
Matrix Spike Dup (ADG0169-MSD4), Source: SDG0022-02											
Aluminum	0.20	0.050	mg/L	0.20	ND	99	70-130	7	20	07/07/20	
Barium	0.21	0.050	mg/L	0.20	ND	107	70-130	1	20	07/07/20	
Calcium	15	0.10	mg/L	4.0	11	101	70-130	2	20	07/07/20	
Iron	0.20	0.030	mg/L	0.20	ND	102	70-130	1	20	07/07/20	
Potassium	5.3	2.0	mg/L	4.0	ND	100	70-130	1	20	07/07/20	
Magnesium	10	0.10	mg/L	4.0	5.8	104	70-130	2	20	07/07/20	
Manganese	0.21	0.010	mg/L	0.20	ND	104	70-130	1	20	07/07/20	
Sodium	21	1.0	mg/L	4.0	18	90	70-130	1	20	07/07/20	
Zinc	0.21	0.050	mg/L	0.20	ND	105	70-130	1	20	07/07/20	
EPA 200.8 - Quality Control											
Batch: ADG0169										Prepared: 7/6/2020	
Prep Method: EPA 200.2										Analyst: VVW	
Blank (ADG0169-BLK1)											
Beryllium	ND	1.0	ug/L							07/13/20	
Chromium	ND	10	ug/L							07/13/20	
Nickel	ND	10	ug/L							07/13/20	
Copper	ND	5.0	ug/L							07/13/20	
Arsenic	ND	2.0	ug/L							07/13/20	
Selenium	ND	2.0	ug/L							07/13/20	

BSK Associates Laboratory Fresno

Metals Quality Control Report

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Date Analyzed	Qual
EPA 200.8 - Quality Control											
Batch: ADG0169										Prepared: 7/6/2020	
Prep Method: EPA 200.2										Analyst: VVW	
Blank (ADG0169-BLK1)											
Silver	ND	10	ug/L							07/13/20	
Cadmium	ND	1.0	ug/L							07/13/20	
Antimony	ND	2.0	ug/L							07/13/20	
Thallium	ND	1.0	ug/L							07/13/20	
Lead	ND	1.0	ug/L							07/13/20	
Mercury	ND	0.20	ug/L							07/13/20	
Blank Spike (ADG0169-BS1)											
Beryllium	200	1.0	ug/L	200	ND	102	85-115			07/13/20	
Chromium	200	10	ug/L	200	ND	102	85-115			07/13/20	
Nickel	200	10	ug/L	200	ND	101	85-115			07/13/20	
Copper	190	5.0	ug/L	200	ND	94	85-115			07/13/20	
Arsenic	190	2.0	ug/L	200	ND	96	85-115			07/13/20	
Selenium	190	2.0	ug/L	200	ND	95	85-115			07/13/20	
Silver	94	10	ug/L	100	ND	94	75-125			07/13/20	
Cadmium	190	1.0	ug/L	200	ND	97	85-115			07/13/20	
Antimony	200	2.0	ug/L	200	ND	98	85-115			07/13/20	
Thallium	200	1.0	ug/L	200	ND	98	85-115			07/13/20	
Lead	200	1.0	ug/L	200	ND	99	85-115			07/13/20	
Mercury	4.7	0.20	ug/L	5.0	ND	94	85-115			07/13/20	
Blank Spike Dup (ADG0169-BSD1)											
Beryllium	200	1.0	ug/L	200	ND	100	85-115	2	20	07/13/20	
Chromium	200	10	ug/L	200	ND	102	85-115	0	20	07/13/20	
Nickel	200	10	ug/L	200	ND	101	85-115	0	20	07/13/20	
Copper	190	5.0	ug/L	200	ND	94	85-115	1	20	07/13/20	
Arsenic	190	2.0	ug/L	200	ND	96	85-115	0	20	07/13/20	
Selenium	190	2.0	ug/L	200	ND	94	85-115	1	20	07/13/20	
Silver	94	10	ug/L	100	ND	94	75-125	1	20	07/13/20	
Cadmium	200	1.0	ug/L	200	ND	98	85-115	1	20	07/13/20	
Antimony	200	2.0	ug/L	200	ND	98	85-115	0	20	07/13/20	
Thallium	200	1.0	ug/L	200	ND	98	85-115	0	20	07/13/20	
Lead	200	1.0	ug/L	200	ND	101	85-115	2	20	07/13/20	
Mercury	4.7	0.20	ug/L	5.0	ND	95	85-115	0	20	07/13/20	
Matrix Spike (ADG0169-MS1), Source: SDG0001-01											
Beryllium	200	1.0	ug/L	200	ND	99	70-130			07/13/20	
Chromium	200	10	ug/L	200	ND	102	70-130			07/13/20	
Nickel	200	10	ug/L	200	ND	99	70-130			07/13/20	
Copper	190	5.0	ug/L	200	ND	93	70-130			07/13/20	
Arsenic	190	2.0	ug/L	200	ND	94	70-130			07/13/20	
Selenium	180	2.0	ug/L	200	ND	91	70-130			07/13/20	
Silver	92	10	ug/L	100	ND	92	70-130			07/13/20	

BSK Associates Laboratory Fresno

Metals Quality Control Report

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Date Analyzed	Qual
EPA 200.8 - Quality Control											
Batch: ADG0169										Prepared: 7/6/2020	
Prep Method: EPA 200.2										Analyst: VVW	
Matrix Spike (ADG0169-MS1), Source: SDG0001-01											
Cadmium	190	1.0	ug/L	200	ND	96	70-130			07/13/20	
Antimony	190	2.0	ug/L	200	ND	97	70-130			07/13/20	
Thallium	190	1.0	ug/L	200	ND	96	70-130			07/13/20	
Lead	200	1.0	ug/L	200	ND	99	70-130			07/13/20	
Mercury	4.7	0.20	ug/L	5.0	ND	94	70-130			07/13/20	
Matrix Spike (ADG0169-MS2), Source: SDG0022-02											
Beryllium	210	1.0	ug/L	200	ND	103	70-130			07/13/20	
Chromium	200	10	ug/L	200	ND	101	70-130			07/13/20	
Nickel	200	10	ug/L	200	ND	98	70-130			07/13/20	
Copper	190	5.0	ug/L	200	ND	93	70-130			07/13/20	
Arsenic	190	2.0	ug/L	200	ND	96	70-130			07/13/20	
Selenium	180	2.0	ug/L	200	ND	92	70-130			07/13/20	
Silver	91	10	ug/L	100	ND	91	70-130			07/13/20	
Cadmium	190	1.0	ug/L	200	ND	96	70-130			07/13/20	
Antimony	200	2.0	ug/L	200	ND	100	70-130			07/13/20	
Thallium	190	1.0	ug/L	200	ND	94	70-130			07/13/20	
Lead	190	1.0	ug/L	200	ND	97	70-130			07/13/20	
Mercury	4.6	0.20	ug/L	5.0	ND	93	70-130			07/13/20	
Matrix Spike Dup (ADG0169-MSD1), Source: SDG0001-01											
Beryllium	200	1.0	ug/L	200	ND	101	70-130	2	20	07/13/20	
Chromium	210	10	ug/L	200	ND	104	70-130	3	20	07/13/20	
Nickel	200	10	ug/L	200	ND	102	70-130	2	20	07/13/20	
Copper	190	5.0	ug/L	200	ND	96	70-130	3	20	07/13/20	
Arsenic	200	2.0	ug/L	200	ND	98	70-130	4	20	07/13/20	
Selenium	190	2.0	ug/L	200	ND	94	70-130	3	20	07/13/20	
Silver	95	10	ug/L	100	ND	95	70-130	2	20	07/13/20	
Cadmium	200	1.0	ug/L	200	ND	98	70-130	2	20	07/13/20	
Antimony	200	2.0	ug/L	200	ND	98	70-130	1	20	07/13/20	
Thallium	190	1.0	ug/L	200	ND	97	70-130	1	20	07/13/20	
Lead	200	1.0	ug/L	200	ND	100	70-130	1	20	07/13/20	
Mercury	4.7	0.20	ug/L	5.0	ND	94	70-130	1	20	07/13/20	
Matrix Spike Dup (ADG0169-MSD2), Source: SDG0022-02											
Beryllium	200	1.0	ug/L	200	ND	102	70-130	1	20	07/13/20	
Chromium	200	10	ug/L	200	ND	101	70-130	0	20	07/13/20	
Nickel	200	10	ug/L	200	ND	99	70-130	2	20	07/13/20	
Copper	180	5.0	ug/L	200	ND	92	70-130	0	20	07/13/20	
Arsenic	190	2.0	ug/L	200	ND	96	70-130	0	20	07/13/20	
Selenium	180	2.0	ug/L	200	ND	92	70-130	0	20	07/13/20	
Silver	91	10	ug/L	100	ND	91	70-130	0	20	07/13/20	
Cadmium	200	1.0	ug/L	200	ND	98	70-130	1	20	07/13/20	

BSK Associates Laboratory Fresno

Metals Quality Control Report

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Date Analyzed	Qual
EPA 200.8 - Quality Control											
Batch: ADG0169										Prepared: 7/6/2020	
Prep Method: EPA 200.2										Analyst: VVW	
Matrix Spike Dup (ADG0169-MSD2), Source: SDG0022-02											
Antimony	200	2.0	ug/L	200	ND	100	70-130	0	20	07/13/20	
Thallium	190	1.0	ug/L	200	ND	94	70-130	1	20	07/13/20	
Lead	190	1.0	ug/L	200	ND	97	70-130	0	20	07/13/20	
Mercury	4.7	0.20	ug/L	5.0	ND	95	70-130	2	20	07/13/20	

BSK Associates Laboratory Fresno

Organics Quality Control Report

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Date Analyzed	Qual
EPA 504.1 - Quality Control											
Batch: ADG0175										Prepared: 7/6/2020	
Prep Method: EPA 504/505										Analyst: JKH	
Blank (ADG0175-BLK1)											
Ethylene Dibromide (EDB)	ND	0.020	ug/L							07/06/20	
Dibromochloropropane (DBCP)	ND	0.010	ug/L							07/06/20	
Surrogate: 1-Br-2-Nitrobenzene	*0.45*			*0.46*		*98*	*70-130*			07/06/20	
Blank Spike (ADG0175-BS1)											
Ethylene Dibromide (EDB)	0.11	0.020	ug/L	0.10	ND	105	70-130			07/06/20	
Dibromochloropropane (DBCP)	0.10	0.010	ug/L	0.10	ND	100	70-130			07/06/20	
Surrogate: 1-Br-2-Nitrobenzene	*0.43*			*0.46*		*95*	*70-130*			07/06/20	
Blank Spike Dup (ADG0175-BSD1)											
Ethylene Dibromide (EDB)	0.11	0.020	ug/L	0.10	ND	105	70-130	0	20	07/07/20	
Dibromochloropropane (DBCP)	0.10	0.010	ug/L	0.10	ND	102	70-130	2	20	07/07/20	
Surrogate: 1-Br-2-Nitrobenzene	*0.44*			*0.46*		*96*	*70-130*			07/07/20	
Matrix Spike (ADG0175-MS1), Source: VDF0159-01											
Ethylene Dibromide (EDB)	0.10	0.020	ug/L	0.099	ND	104	65-135			07/06/20	
Dibromochloropropane (DBCP)	0.096	0.010	ug/L	0.099	ND	97	65-135			07/06/20	
Surrogate: 1-Br-2-Nitrobenzene	*0.40*			*0.45*		*89*	*70-130*			07/06/20	
Matrix Spike Dup (ADG0175-MSD1), Source: VDF0159-01											
Ethylene Dibromide (EDB)	0.10	0.020	ug/L	0.10	ND	105	65-135	2	20	07/07/20	
Dibromochloropropane (DBCP)	0.099	0.010	ug/L	0.10	ND	99	65-135	3	20	07/07/20	
Surrogate: 1-Br-2-Nitrobenzene	*0.42*			*0.46*		*93*	*70-130*			07/07/20	
EPA 504.1 - Quality Control											
Batch: ADG0336										Prepared: 7/8/2020	
Prep Method: EPA 504/505										Analyst: JKH	
Blank (ADG0336-BLK1)											
Ethylene Dibromide (EDB)	ND	0.020	ug/L							07/09/20	
Dibromochloropropane (DBCP)	ND	0.010	ug/L							07/09/20	
Surrogate: 1-Br-2-Nitrobenzene	*0.45*			*0.46*		*98*	*70-130*			07/09/20	
Blank Spike (ADG0336-BS1)											
Ethylene Dibromide (EDB)	0.11	0.020	ug/L	0.10	ND	106	70-130			07/09/20	
Dibromochloropropane (DBCP)	0.11	0.010	ug/L	0.10	ND	110	70-130			07/09/20	
Surrogate: 1-Br-2-Nitrobenzene	*0.48*			*0.46*		*105*	*70-130*			07/09/20	
Blank Spike Dup (ADG0336-BSD1)											
Ethylene Dibromide (EDB)	0.10	0.020	ug/L	0.10	ND	103	70-130	3	20	07/09/20	
Dibromochloropropane (DBCP)	0.11	0.010	ug/L	0.10	ND	105	70-130	5	20	07/09/20	
Surrogate: 1-Br-2-Nitrobenzene	*0.47*			*0.46*		*103*	*70-130*			07/09/20	
Matrix Spike (ADG0336-MS1), Source: ADG0313-02											
Ethylene Dibromide (EDB)	0.099	0.020	ug/L	0.099	ND	101	65-135			07/09/20	

BSK Associates Laboratory Fresno

Organics Quality Control Report

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Date Analyzed	Qual
EPA 504.1 - Quality Control											
Batch: ADG0336										Prepared: 7/8/2020	
Prep Method: EPA 504/505										Analyst: JKH	
Matrix Spike (ADG0336-MS1), Source: ADG0313-02											
Dibromochloropropane (DBCP)	0.099	0.010	ug/L	0.099	ND	101	65-135			07/09/20	
Surrogate: 1-Br-2-Nitrobenzene	*0.42*			*0.45*		*92*	*70-130*			07/09/20	
EPA 505 - Quality Control											
Batch: ADG0175										Prepared: 7/6/2020	
Prep Method: EPA 504/505										Analyst: JKH	
Blank (ADG0175-BLK1)											
Aldrin	ND	0.075	ug/L							07/06/20	
Chlordane (Technical)	ND	0.10	ug/L							07/06/20	
Dieldrin	ND	0.020	ug/L							07/06/20	
Endrin	ND	0.10	ug/L							07/06/20	
Heptachlor	ND	0.010	ug/L							07/06/20	
Heptachlor Epoxide	ND	0.010	ug/L							07/06/20	
Hexachlorobenzene	ND	0.50	ug/L							07/06/20	
Hexachlorocyclopentadiene	ND	1.0	ug/L							07/06/20	
Lindane	ND	0.20	ug/L							07/06/20	
Methoxychlor	ND	10	ug/L							07/06/20	
PCB Aroclor Screen	ND	0.50	ug/L							07/06/20	
Toxaphene	ND	1.0	ug/L							07/06/20	
Surrogate: 1-Br-2-Nitrobenzene	*0.45*			*0.46*		*98*	*70-130*			07/06/20	
Blank Spike (ADG0175-BS1)											
Aldrin	0.76	0.075	ug/L	0.74	ND	102	70-130			07/06/20	
Dieldrin	0.20	0.020	ug/L	0.20	ND	100	70-130			07/06/20	
Endrin	0.099	0.10	ug/L	0.10	ND	99	70-130			07/06/20	
Heptachlor	0.097	0.010	ug/L	0.10	ND	97	70-130			07/06/20	
Heptachlor Epoxide	0.10	0.010	ug/L	0.10	ND	100	70-130			07/06/20	
Hexachlorobenzene	1.0	0.50	ug/L	1.0	ND	102	70-130			07/06/20	
Hexachlorocyclopentadiene	0.95	1.0	ug/L	1.0	ND	95	70-130			07/06/20	
Lindane	0.20	0.20	ug/L	0.20	ND	98	70-130			07/06/20	
Methoxychlor	1.0	10	ug/L	1.0	ND	105	70-130			07/06/20	
Surrogate: 1-Br-2-Nitrobenzene	*0.43*			*0.46*		*95*	*70-130*			07/06/20	
Blank Spike Dup (ADG0175-BSD1)											
Aldrin	0.77	0.075	ug/L	0.74	ND	103	70-130	1	20	07/07/20	
Dieldrin	0.21	0.020	ug/L	0.20	ND	103	70-130	3	20	07/07/20	
Endrin	0.099	0.10	ug/L	0.10	ND	99	70-130	1	20	07/07/20	
Heptachlor	0.10	0.010	ug/L	0.10	ND	104	70-130	7	20	07/07/20	
Heptachlor Epoxide	0.10	0.010	ug/L	0.10	ND	101	70-130	2	20	07/07/20	
Hexachlorobenzene	1.1	0.50	ug/L	1.0	ND	105	70-130	3	20	07/07/20	
Hexachlorocyclopentadiene	0.96	1.0	ug/L	1.0	ND	96	70-130	1	20	07/07/20	
Lindane	0.20	0.20	ug/L	0.20	ND	102	70-130	4	20	07/07/20	
Methoxychlor	1.1	10	ug/L	1.0	ND	109	70-130	4	20	07/07/20	

BSK Associates Laboratory Fresno

Organics Quality Control Report

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Date Analyzed	Qual
EPA 505 - Quality Control											
Batch: ADG0175										Prepared: 7/6/2020	
Prep Method: EPA 504/505										Analyst: JKH	
Blank Spike Dup (ADG0175-BSD1)											
Surrogate: 1-Br-2-Nitrobenzene	*0.44*			*0.46*		*96*	*70-130*			07/07/20	
Matrix Spike (ADG0175-MS1), Source: VDF0159-01											
Aldrin	0.74	0.075	ug/L	0.73	ND	101	65-135			07/06/20	
Dieldrin	0.19	0.020	ug/L	0.20	ND	94	65-135			07/06/20	
Endrin	0.092	0.10	ug/L	0.099	ND	93	65-135			07/06/20	
Heptachlor	0.094	0.010	ug/L	0.099	ND	95	65-135			07/06/20	
Heptachlor Epoxide	0.094	0.010	ug/L	0.099	ND	95	65-135			07/06/20	
Hexachlorobenzene	0.98	0.50	ug/L	0.99	ND	100	65-135			07/06/20	
Hexachlorocyclopentadiene	1.1	1.0	ug/L	0.99	ND	106	65-135			07/06/20	
Lindane	0.18	0.20	ug/L	0.20	ND	93	65-135			07/06/20	
Methoxychlor	0.97	10	ug/L	0.99	ND	98	65-135			07/06/20	
Surrogate: 1-Br-2-Nitrobenzene	*0.40*			*0.45*		*89*	*70-130*			07/06/20	
Matrix Spike Dup (ADG0175-MSD1), Source: VDF0159-01											
Aldrin	0.74	0.075	ug/L	0.74	ND	101	65-135	0	20	07/07/20	
Dieldrin	0.19	0.020	ug/L	0.20	ND	95	65-135	2	20	07/07/20	
Endrin	0.092	0.10	ug/L	0.10	ND	92	65-135	1	20	07/07/20	
Heptachlor	0.098	0.010	ug/L	0.10	ND	99	65-135	4	20	07/07/20	
Heptachlor Epoxide	0.095	0.010	ug/L	0.10	ND	96	65-135	1	20	07/07/20	
Hexachlorobenzene	1.0	0.50	ug/L	1.0	ND	100	65-135	1	20	07/07/20	
Hexachlorocyclopentadiene	1.2	1.0	ug/L	1.0	ND	111	65-135	6	20	07/07/20	
Lindane	0.19	0.20	ug/L	0.20	ND	95	65-135	3	20	07/07/20	
Methoxychlor	1.0	10	ug/L	1.0	ND	103	65-135	6	20	07/07/20	
Surrogate: 1-Br-2-Nitrobenzene	*0.42*			*0.46*		*93*	*70-130*			07/07/20	
EPA 515.4 - Quality Control											
Batch: ADG0483										Prepared: 7/9/2020	
Prep Method: EPA 515.4										Analyst: PNN	
Blank (ADG0483-BLK1)											
2,4,5-T	ND	1.0	ug/L							07/13/20	
2,4,5-TP (Silvex)	ND	1.0	ug/L							07/13/20	
2,4-D	ND	10	ug/L							07/13/20	
Bentazon	ND	2.0	ug/L							07/13/20	
Dalapon	ND	10	ug/L							07/13/20	
Dicamba	ND	1.5	ug/L							07/13/20	
Dinoseb	ND	2.0	ug/L							07/13/20	
Pentachlorophenol	ND	0.20	ug/L							07/13/20	
Picloram	ND	1.0	ug/L							07/13/20	
Surrogate: DCPAA	*37*			*36*		*102*	*70-130*			07/13/20	
Blank Spike (ADG0483-BS1)											
2,4,5-T	1.6	1.0	ug/L	1.6	ND	103	70-130			07/13/20	

BSK Associates Laboratory Fresno

Organics Quality Control Report

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Date Analyzed	Qual
EPA 515.4 - Quality Control											
Batch: ADG0483										Prepared: 7/9/2020	
Prep Method: EPA 515.4										Analyst: PNN	
Blank Spike (ADG0483-BS1)											
2,4,5-TP (Silvex)	0.80	1.0	ug/L	0.80	ND	99	70-130			07/13/20	
2,4-D	0.41	10	ug/L	0.40	ND	102	70-130			07/13/20	
Bentazon	2.1	2.0	ug/L	2.0	ND	105	70-130			07/13/20	
Dalapon	4.1	10	ug/L	4.0	ND	102	70-130			07/13/20	
Dicamba	0.82	1.5	ug/L	0.80	ND	102	70-130			07/13/20	
Dinoseb	0.84	2.0	ug/L	0.80	ND	105	70-130			07/13/20	
Pentachlorophenol	0.17	0.20	ug/L	0.16	ND	104	70-130			07/13/20	
Picloram	0.42	1.0	ug/L	0.40	ND	105	70-130			07/13/20	
Surrogate: DCPAA	*35*			*36*		*97*	*70-130*			07/13/20	
Blank Spike Dup (ADG0483-BSD1)											
2,4,5-T	1.8	1.0	ug/L	1.6	ND	112	70-130	9	20	07/13/20	
2,4,5-TP (Silvex)	0.81	1.0	ug/L	0.80	ND	101	70-130	1	20	07/13/20	
2,4-D	0.47	10	ug/L	0.40	ND	117	70-130	14	20	07/13/20	
Bentazon	2.2	2.0	ug/L	2.0	ND	110	70-130	5	20	07/13/20	
Dalapon	4.5	10	ug/L	4.0	ND	112	70-130	10	20	07/13/20	
Dicamba	0.86	1.5	ug/L	0.80	ND	108	70-130	5	20	07/13/20	
Dinoseb	0.86	2.0	ug/L	0.80	ND	107	70-130	2	20	07/13/20	
Pentachlorophenol	0.17	0.20	ug/L	0.16	ND	107	70-130	3	20	07/13/20	
Picloram	0.45	1.0	ug/L	0.40	ND	113	70-130	8	20	07/13/20	
Surrogate: DCPAA	*36*			*36*		*101*	*70-130*			07/13/20	
Matrix Spike (ADG0483-MS1), Source: ADG0686-01											
2,4,5-T	1.7	1.0	ug/L	1.6	ND	106	70-130			07/13/20	
2,4,5-TP (Silvex)	0.82	1.0	ug/L	0.80	ND	103	70-130			07/13/20	
2,4-D	0.41	10	ug/L	0.40	ND	103	70-130			07/13/20	
Bentazon	2.0	2.0	ug/L	2.0	ND	100	70-130			07/13/20	
Dalapon	3.8	10	ug/L	4.0	ND	96	70-130			07/13/20	
Dicamba	0.78	1.5	ug/L	0.80	ND	97	70-130			07/13/20	
Dinoseb	0.84	2.0	ug/L	0.80	ND	105	70-130			07/13/20	
Pentachlorophenol	0.16	0.20	ug/L	0.16	ND	99	70-130			07/13/20	
Picloram	0.40	1.0	ug/L	0.40	ND	71	70-130			07/13/20	
Surrogate: DCPAA	*34*			*36*		*95*	*70-130*			07/13/20	
Matrix Spike Dup (ADG0483-MSD1), Source: ADG0686-01											
2,4,5-T	1.7	1.0	ug/L	1.6	ND	106	70-130	1	30	07/13/20	
2,4,5-TP (Silvex)	0.79	1.0	ug/L	0.80	ND	99	70-130	4	30	07/13/20	
2,4-D	0.40	10	ug/L	0.40	ND	99	70-130	4	30	07/13/20	
Bentazon	2.1	2.0	ug/L	2.0	ND	103	70-130	2	30	07/13/20	
Dalapon	3.7	10	ug/L	4.0	ND	93	70-130	3	30	07/13/20	
Dicamba	0.78	1.5	ug/L	0.80	ND	97	70-130	0	30	07/13/20	
Dinoseb	0.82	2.0	ug/L	0.80	ND	102	70-130	3	30	07/13/20	
Pentachlorophenol	0.16	0.20	ug/L	0.16	ND	98	70-130	1	30	07/13/20	

BSK Associates Laboratory Fresno

Organics Quality Control Report

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Date Analyzed	Qual
EPA 515.4 - Quality Control											
Batch: ADG0483										Prepared: 7/9/2020	
Prep Method: EPA 515.4										Analyst: PNN	
Matrix Spike Dup (ADG0483-MSD1), Source: ADG0686-01											
Picloram	0.38	1.0	ug/L	0.40	ND	66	70-130	5	30	07/13/20	MS1.0 ***Low***
Surrogate: DCPAA	*34*			*36*		*95*	*70-130*			07/13/20	
EPA 524.2 - Quality Control											
Batch: ADG0095										Prepared: 7/6/2020	
Prep Method: EPA 524.2										Analyst: ANM	
Blank (ADG0095-BLK1)											
1,1,1,2-Tetrachloroethane	ND	0.50	ug/L							07/06/20	
1,1,1-Trichloroethane	ND	0.50	ug/L							07/06/20	
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L							07/06/20	
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	10	ug/L							07/06/20	
1,1,2-Trichloroethane	ND	0.50	ug/L							07/06/20	
1,1-Dichloroethane	ND	0.50	ug/L							07/06/20	
1,1-Dichloroethene	ND	0.50	ug/L							07/06/20	
1,1-Dichloropropene	ND	0.50	ug/L							07/06/20	
1,2,3-Trichlorobenzene	ND	0.50	ug/L							07/06/20	
1,2,4-Trichlorobenzene	ND	0.50	ug/L							07/06/20	
1,2,4-Trimethylbenzene	ND	0.50	ug/L							07/06/20	
1,2-Dichlorobenzene	ND	0.50	ug/L							07/06/20	
1,2-Dichloroethane	ND	0.50	ug/L							07/06/20	
1,2-Dichloropropane	ND	0.50	ug/L							07/06/20	
1,3,5-Trimethylbenzene	ND	0.50	ug/L							07/06/20	
1,3-Dichlorobenzene	ND	0.50	ug/L							07/06/20	
1,3-Dichloropropane	ND	0.50	ug/L							07/06/20	
1,4-Dichlorobenzene	ND	0.50	ug/L							07/06/20	
2,2-Dichloropropane	ND	0.50	ug/L							07/06/20	
2-Butanone	ND	5.0	ug/L							07/06/20	
2-Chlorotoluene	ND	0.50	ug/L							07/06/20	
2-Hexanone	ND	10	ug/L							07/06/20	
4-Chlorotoluene	ND	0.50	ug/L							07/06/20	
4-Methyl-2-pentanone	ND	5.0	ug/L							07/06/20	
Acetone	ND	10	ug/L							07/06/20	
Benzene	ND	0.50	ug/L							07/06/20	
Bromobenzene	ND	0.50	ug/L							07/06/20	
Bromochloromethane	ND	0.50	ug/L							07/06/20	
Bromodichloromethane	ND	0.50	ug/L							07/06/20	
Bromoform	ND	0.50	ug/L							07/06/20	
Bromomethane	ND	0.50	ug/L							07/06/20	
Carbon Tetrachloride	ND	0.50	ug/L							07/06/20	
Chlorobenzene	ND	0.50	ug/L							07/06/20	
Chloroethane	ND	0.50	ug/L							07/06/20	
Chloroform	ND	0.50	ug/L							07/06/20	

BSK Associates Laboratory Fresno

Organics Quality Control Report

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Date Analyzed	Qual
EPA 524.2 - Quality Control											
Batch: ADG0095										Prepared: 7/6/2020	
Prep Method: EPA 524.2										Analyst: ANM	
Blank (ADG0095-BLK1)											
Chloromethane	ND	0.50	ug/L							07/06/20	
cis-1,2-Dichloroethene	ND	0.50	ug/L							07/06/20	
cis-1,3-Dichloropropene	ND	0.50	ug/L							07/06/20	
Dibromochloromethane	ND	0.50	ug/L							07/06/20	
Dibromomethane	ND	0.50	ug/L							07/06/20	
Dichlorodifluoromethane	ND	0.50	ug/L							07/06/20	
Dichloromethane	ND	0.50	ug/L							07/06/20	
Di-isopropyl ether (DIPE)	ND	3.0	ug/L							07/06/20	
Ethyl tert-Butyl Ether (ETBE)	ND	0.50	ug/L							07/06/20	
Ethylbenzene	ND	0.50	ug/L							07/06/20	
Hexachlorobutadiene	ND	0.50	ug/L							07/06/20	
Isopropylbenzene	ND	0.50	ug/L							07/06/20	
m,p-Xylenes	ND	0.50	ug/L							07/06/20	
Methyl-t-butyl ether	ND	0.50	ug/L							07/06/20	
Naphthalene	0.52	0.50	ug/L							07/06/20	B
n-Butylbenzene	ND	0.50	ug/L							07/06/20	
n-Propylbenzene	ND	0.50	ug/L							07/06/20	
o-Xylene	ND	0.50	ug/L							07/06/20	
p-Isopropyltoluene	ND	0.50	ug/L							07/06/20	
sec-Butylbenzene	ND	0.50	ug/L							07/06/20	
Styrene	ND	0.50	ug/L							07/06/20	
tert-Amyl Methyl Ether (TAME)	ND	3.0	ug/L							07/06/20	
tert-Butyl alcohol (TBA)	ND	2.0	ug/L							07/06/20	
tert-Butylbenzene	ND	0.50	ug/L							07/06/20	
Tetrachloroethene (PCE)	ND	0.50	ug/L							07/06/20	
Toluene	ND	0.50	ug/L							07/06/20	
trans-1,2-Dichloroethene	ND	0.50	ug/L							07/06/20	
trans-1,3-Dichloropropene	ND	0.50	ug/L							07/06/20	
Trichloroethene (TCE)	ND	0.50	ug/L							07/06/20	
Trichlorofluoromethane	ND	5.0	ug/L							07/06/20	
Vinyl Chloride	ND	0.50	ug/L							07/06/20	
Surrogate: 1,2-Dichlorobenzene-d4	*60*			*50*		*121*	*70-130*			07/06/20	
Surrogate: Bromofluorobenzene	*62*			*50*		*125*	*70-130*			07/06/20	
Blank Spike (ADG0095-BS1)											
1,1,1,2-Tetrachloroethane	10	0.50	ug/L	10	ND	104	70-130			07/06/20	
1,1,1-Trichloroethane	10	0.50	ug/L	10	ND	101	70-130			07/06/20	
1,1,2,2-Tetrachloroethane	11	0.50	ug/L	10	ND	109	70-130			07/06/20	
1,1,2-Trichloro-1,2,2-trifluoroethane	9.8	10	ug/L	10	ND	98	70-130			07/06/20	
1,1,2-Trichloroethane	10	0.50	ug/L	10	ND	102	70-130			07/06/20	
1,1-Dichloroethane	11	0.50	ug/L	10	ND	105	70-130			07/06/20	
1,1-Dichloroethene	11	0.50	ug/L	10	ND	107	70-130			07/06/20	
1,1-Dichloropropene	9.5	0.50	ug/L	10	ND	95	70-130			07/06/20	

BSK Associates Laboratory Fresno

Organics Quality Control Report

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Date Analyzed	Qual
EPA 524.2 - Quality Control											
Batch: ADG0095										Prepared: 7/6/2020	
Prep Method: EPA 524.2										Analyst: ANM	
Blank Spike (ADG0095-BS1)											
1,2,3-Trichlorobenzene	9.4	0.50	ug/L	10	ND	94	70-130			07/06/20	
1,2,4-Trichlorobenzene	9.9	0.50	ug/L	10	ND	99	70-130			07/06/20	
1,2,4-Trimethylbenzene	11	0.50	ug/L	10	ND	108	70-130			07/06/20	
1,2-Dichlorobenzene	11	0.50	ug/L	10	ND	106	70-130			07/06/20	
1,2-Dichloroethane	10	0.50	ug/L	10	ND	105	70-130			07/06/20	
1,2-Dichloropropane	10	0.50	ug/L	10	ND	100	70-130			07/06/20	
1,3,5-Trimethylbenzene	11	0.50	ug/L	10	ND	107	70-130			07/06/20	
1,3-Dichlorobenzene	11	0.50	ug/L	10	ND	105	70-130			07/06/20	
1,3-Dichloropropane	10	0.50	ug/L	10	ND	102	70-130			07/06/20	
1,4-Dichlorobenzene	11	0.50	ug/L	10	ND	106	70-130			07/06/20	
2,2-Dichloropropane	10	0.50	ug/L	10	ND	100	70-130			07/06/20	
2-Butanone	9.0	5.0	ug/L	10	ND	90	70-130			07/06/20	
2-Chlorotoluene	11	0.50	ug/L	10	ND	108	70-130			07/06/20	
2-Hexanone	11	10	ug/L	10	ND	105	70-130			07/06/20	
4-Chlorotoluene	11	0.50	ug/L	10	ND	108	70-130			07/06/20	
4-Methyl-2-pentanone	10	5.0	ug/L	10	ND	103	70-130			07/06/20	
Acetone	9.3	10	ug/L	10	ND	93	70-130			07/06/20	
Benzene	9.9	0.50	ug/L	10	ND	99	70-130			07/06/20	
Bromobenzene	11	0.50	ug/L	10	ND	110	70-130			07/06/20	
Bromochloromethane	11	0.50	ug/L	10	ND	108	70-130			07/06/20	
Bromodichloromethane	10	0.50	ug/L	10	ND	101	70-130			07/06/20	
Bromoform	10	0.50	ug/L	10	ND	103	70-130			07/06/20	
Bromomethane	12	0.50	ug/L	10	ND	124	70-130			07/06/20	
Carbon disulfide	12	10	ug/L	10	ND	116	70-130			07/06/20	
Carbon Tetrachloride	10	0.50	ug/L	10	ND	100	70-130			07/06/20	
Chlorobenzene	11	0.50	ug/L	10	ND	106	70-130			07/06/20	
Chloroethane	11	0.50	ug/L	10	ND	105	70-130			07/06/20	
Chloroform	10	0.50	ug/L	10	ND	104	70-130			07/06/20	
Chloromethane	11	0.50	ug/L	10	ND	111	70-130			07/06/20	
cis-1,2-Dichloroethene	10	0.50	ug/L	10	ND	104	70-130			07/06/20	
cis-1,3-Dichloropropene	9.6	0.50	ug/L	10	ND	96	70-130			07/06/20	
Dibromochloromethane	10	0.50	ug/L	10	ND	102	70-130			07/06/20	
Dibromomethane	10	0.50	ug/L	10	ND	102	70-130			07/06/20	
Dichlorodifluoromethane	11	0.50	ug/L	10	ND	108	70-130			07/06/20	
Dichloromethane	10	0.50	ug/L	10	ND	103	70-130			07/06/20	
Di-isopropyl ether (DIPE)	9.3	3.0	ug/L	10	ND	93	70-130			07/06/20	
Ethyl tert-Butyl Ether (ETBE)	10	0.50	ug/L	10	ND	103	70-130			07/06/20	
Ethylbenzene	11	0.50	ug/L	10	ND	107	70-130			07/06/20	
Hexachlorobutadiene	10	0.50	ug/L	10	ND	104	70-130			07/06/20	
Isopropylbenzene	11	0.50	ug/L	10	ND	109	70-130			07/06/20	
m,p-Xylenes	21	0.50	ug/L	20	ND	107	70-130			07/06/20	
Methyl-t-butyl ether	20	0.50	ug/L	20	ND	101	70-130			07/06/20	
Naphthalene	10	0.50	ug/L	10	ND	100	70-130			07/06/20	

BSK Associates Laboratory Fresno

Organics Quality Control Report

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Date Analyzed	Qual
EPA 524.2 - Quality Control											
Batch: ADG0095										Prepared: 7/6/2020	
Prep Method: EPA 524.2										Analyst: ANM	
Blank Spike (ADG0095-BS1)											
n-Butylbenzene	11	0.50	ug/L	10	ND	107	70-130			07/06/20	
n-Propylbenzene	11	0.50	ug/L	10	ND	108	70-130			07/06/20	
o-Xylene	11	0.50	ug/L	10	ND	108	70-130			07/06/20	
p-Isopropyltoluene	11	0.50	ug/L	10	ND	108	70-130			07/06/20	
sec-Butylbenzene	11	0.50	ug/L	10	ND	108	70-130			07/06/20	
Styrene	11	0.50	ug/L	10	ND	106	70-130			07/06/20	
tert-Amyl Methyl Ether (TAME)	10	3.0	ug/L	10	ND	101	70-130			07/06/20	
tert-Butyl alcohol (TBA)	9.7	2.0	ug/L	10	ND	97	70-130			07/06/20	
tert-Butylbenzene	11	0.50	ug/L	10	ND	108	70-130			07/06/20	
Tetrachloroethene (PCE)	10	0.50	ug/L	10	ND	103	70-130			07/06/20	
Toluene	10	0.50	ug/L	10	ND	104	70-130			07/06/20	
trans-1,2-Dichloroethene	10	0.50	ug/L	10	ND	104	70-130			07/06/20	
trans-1,3-Dichloropropene	11	0.50	ug/L	10	ND	108	70-130			07/06/20	
Trichloroethene (TCE)	11	0.50	ug/L	10	ND	110	70-130			07/06/20	
Trichlorofluoromethane	11	5.0	ug/L	10	ND	107	70-130			07/06/20	
Vinyl Chloride	11	0.50	ug/L	10	ND	108	70-130			07/06/20	
Surrogate: 1,2-Dichlorobenzene-d4	*54*			*50*		*109*	*70-130*			07/06/20	
Surrogate: Bromofluorobenzene	*55*			*50*		*110*	*70-130*			07/06/20	
Blank Spike Dup (ADG0095-BSD1)											
1,1,1,2-Tetrachloroethane	9.7	0.50	ug/L	10	ND	97	70-130	6	30	07/06/20	
1,1,1-Trichloroethane	9.0	0.50	ug/L	10	ND	90	70-130	12	30	07/06/20	
1,1,2,2-Tetrachloroethane	10	0.50	ug/L	10	ND	105	70-130	4	30	07/06/20	
1,1,2-Trichloro-1,2,2-trifluoroethane	8.7	10	ug/L	10	ND	87	70-130	12	30	07/06/20	
1,1,2-Trichloroethane	9.7	0.50	ug/L	10	ND	97	70-130	5	30	07/06/20	
1,1-Dichloroethane	9.6	0.50	ug/L	10	ND	96	70-130	9	30	07/06/20	
1,1-Dichloroethene	9.4	0.50	ug/L	10	ND	94	70-130	13	30	07/06/20	
1,1-Dichloropropene	8.4	0.50	ug/L	10	ND	84	70-130	11	30	07/06/20	
1,2,3-Trichlorobenzene	8.9	0.50	ug/L	10	ND	89	70-130	6	30	07/06/20	
1,2,4-Trichlorobenzene	9.1	0.50	ug/L	10	ND	91	70-130	8	30	07/06/20	
1,2,4-Trimethylbenzene	9.7	0.50	ug/L	10	ND	97	70-130	10	30	07/06/20	
1,2-Dichlorobenzene	9.7	0.50	ug/L	10	ND	97	70-130	10	30	07/06/20	
1,2-Dichloroethane	9.9	0.50	ug/L	10	ND	99	70-130	6	30	07/06/20	
1,2-Dichloropropane	9.5	0.50	ug/L	10	ND	95	70-130	5	30	07/06/20	
1,3,5-Trimethylbenzene	9.6	0.50	ug/L	10	ND	96	70-130	11	30	07/06/20	
1,3-Dichlorobenzene	9.7	0.50	ug/L	10	ND	97	70-130	9	30	07/06/20	
1,3-Dichloropropane	9.7	0.50	ug/L	10	ND	97	70-130	5	30	07/06/20	
1,4-Dichlorobenzene	9.6	0.50	ug/L	10	ND	96	70-130	10	30	07/06/20	
2,2-Dichloropropane	9.0	0.50	ug/L	10	ND	90	70-130	10	30	07/06/20	
2-Butanone	8.6	5.0	ug/L	10	ND	86	70-130	5	30	07/06/20	
2-Chlorotoluene	9.8	0.50	ug/L	10	ND	98	70-130	10	30	07/06/20	
2-Hexanone	10	10	ug/L	10	ND	101	70-130	4	30	07/06/20	
4-Chlorotoluene	9.7	0.50	ug/L	10	ND	97	70-130	10	30	07/06/20	

BSK Associates Laboratory Fresno

Organics Quality Control Report

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Date Analyzed	Qual
EPA 524.2 - Quality Control											
Batch: ADG0095										Prepared: 7/6/2020	
Prep Method: EPA 524.2										Analyst: ANM	
Blank Spike Dup (ADG0095-BSD1)											
4-Methyl-2-pentanone	9.9	5.0	ug/L	10	ND	99	70-130	4	30	07/06/20	
Acetone	8.6	10	ug/L	10	ND	86	70-130	8	30	07/06/20	
Benzene	9.3	0.50	ug/L	10	ND	93	70-130	6	30	07/06/20	
Bromobenzene	10	0.50	ug/L	10	ND	100	70-130	10	30	07/06/20	
Bromochloromethane	10	0.50	ug/L	10	ND	100	70-130	8	30	07/06/20	
Bromodichloromethane	9.6	0.50	ug/L	10	ND	96	70-130	4	30	07/06/20	
Bromoform	9.8	0.50	ug/L	10	ND	98	70-130	5	30	07/06/20	
Bromomethane	11	0.50	ug/L	10	ND	110	70-130	12	30	07/06/20	
Carbon disulfide	11	10	ug/L	10	ND	106	70-130	9	30	07/06/20	
Carbon Tetrachloride	8.9	0.50	ug/L	10	ND	89	70-130	12	30	07/06/20	
Chlorobenzene	9.9	0.50	ug/L	10	ND	99	70-130	7	30	07/06/20	
Chloroethane	9.4	0.50	ug/L	10	ND	94	70-130	11	30	07/06/20	
Chloroform	9.6	0.50	ug/L	10	ND	96	70-130	8	30	07/06/20	
Chloromethane	9.7	0.50	ug/L	10	ND	97	70-130	14	30	07/06/20	
cis-1,2-Dichloroethene	9.6	0.50	ug/L	10	ND	96	70-130	8	30	07/06/20	
cis-1,3-Dichloropropene	9.2	0.50	ug/L	10	ND	92	70-130	5	30	07/06/20	
Dibromochloromethane	9.6	0.50	ug/L	10	ND	96	70-130	6	30	07/06/20	
Dibromomethane	9.9	0.50	ug/L	10	ND	99	70-130	3	30	07/06/20	
Dichlorodifluoromethane	8.1	0.50	ug/L	10	ND	81	70-130	29	30	07/06/20	
Dichloromethane	8.8	0.50	ug/L	10	ND	88	70-130	15	30	07/06/20	
Di-isopropyl ether (DIPE)	9.0	3.0	ug/L	10	ND	90	70-130	3	30	07/06/20	
Ethyl tert-Butyl Ether (ETBE)	10	0.50	ug/L	10	ND	101	70-130	2	30	07/06/20	
Ethylbenzene	9.8	0.50	ug/L	10	ND	98	70-130	8	30	07/06/20	
Hexachlorobutadiene	9.2	0.50	ug/L	10	ND	92	70-130	13	30	07/06/20	
Isopropylbenzene	9.7	0.50	ug/L	10	ND	97	70-130	11	30	07/06/20	
m,p-Xylenes	19	0.50	ug/L	20	ND	97	70-130	10	30	07/06/20	
Methyl-t-butyl ether	20	0.50	ug/L	20	ND	100	70-130	1	30	07/06/20	
Naphthalene	9.6	0.50	ug/L	10	ND	96	70-130	4	30	07/06/20	
n-Butylbenzene	9.5	0.50	ug/L	10	ND	95	70-130	12	30	07/06/20	
n-Propylbenzene	9.6	0.50	ug/L	10	ND	96	70-130	12	30	07/06/20	
o-Xylene	9.8	0.50	ug/L	10	ND	98	70-130	9	30	07/06/20	
p-Isopropyltoluene	9.5	0.50	ug/L	10	ND	95	70-130	12	30	07/06/20	
sec-Butylbenzene	9.6	0.50	ug/L	10	ND	96	70-130	12	30	07/06/20	
Styrene	9.8	0.50	ug/L	10	ND	98	70-130	9	30	07/06/20	
tert-Amyl Methyl Ether (TAME)	9.9	3.0	ug/L	10	ND	99	70-130	2	30	07/06/20	
tert-Butyl alcohol (TBA)	9.2	2.0	ug/L	10	ND	92	70-130	5	30	07/06/20	
tert-Butylbenzene	9.5	0.50	ug/L	10	ND	95	70-130	12	30	07/06/20	
Tetrachloroethene (PCE)	9.2	0.50	ug/L	10	ND	92	70-130	11	30	07/06/20	
Toluene	9.6	0.50	ug/L	10	ND	96	70-130	8	30	07/06/20	
trans-1,2-Dichloroethene	9.4	0.50	ug/L	10	ND	94	70-130	11	30	07/06/20	
trans-1,3-Dichloropropene	10	0.50	ug/L	10	ND	104	70-130	4	30	07/06/20	
Trichloroethene (TCE)	10	0.50	ug/L	10	ND	101	70-130	8	30	07/06/20	
Trichlorofluoromethane	9.5	5.0	ug/L	10	ND	95	70-130	12	30	07/06/20	

BSK Associates Laboratory Fresno

Organics Quality Control Report

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Date Analyzed	Qual
EPA 524.2 - Quality Control											
Batch: ADG0095										Prepared: 7/6/2020	
Prep Method: EPA 524.2										Analyst: ANM	
Blank Spike Dup (ADG0095-BSD1)											
Vinyl Chloride	9.5	0.50	ug/L	10	ND	95	70-130	13	30	07/06/20	
Surrogate: 1,2-Dichlorobenzene-d4	*51*			*50*		*101*	*70-130*			07/06/20	
Surrogate: Bromofluorobenzene	*51*			*50*		*103*	*70-130*			07/06/20	
Matrix Spike (ADG0095-MS1), Source: SDG0019-01											
1,1,1,2-Tetrachloroethane	11	0.50	ug/L	10	ND	106	41-156			07/07/20	
1,1,1-Trichloroethane	12	0.50	ug/L	10	ND	117	48-160			07/07/20	
1,1,2,2-Tetrachloroethane	12	0.50	ug/L	10	ND	115	42-151			07/07/20	
1,1,2-Trichloro-1,2,2-trifluoroethane	13	10	ug/L	10	ND	129	47-164			07/07/20	
1,1,2-Trichloroethane	11	0.50	ug/L	10	ND	106	45-152			07/07/20	
1,1-Dichloroethane	12	0.50	ug/L	10	ND	118	48-157			07/07/20	
1,1-Dichloroethene	13	0.50	ug/L	10	ND	131	51-158			07/07/20	
1,1-Dichloropropene	11	0.50	ug/L	10	ND	109	46-162			07/07/20	
1,2,3-Trichlorobenzene	9.8	0.50	ug/L	10	ND	98	37-145			07/07/20	
1,2,4-Trichlorobenzene	10	0.50	ug/L	10	ND	102	33-149			07/07/20	
1,2,4-Trimethylbenzene	12	0.50	ug/L	10	ND	116	44-146			07/07/20	
1,2-Dichlorobenzene	11	0.50	ug/L	10	ND	113	44-146			07/07/20	
1,2-Dichloroethane	11	0.50	ug/L	10	ND	114	47-151			07/07/20	
1,2-Dichloropropane	11	0.50	ug/L	10	ND	108	47-155			07/07/20	
1,3,5-Trimethylbenzene	12	0.50	ug/L	10	ND	116	45-154			07/07/20	
1,3-Dichlorobenzene	11	0.50	ug/L	10	ND	112	44-146			07/07/20	
1,3-Dichloropropane	11	0.50	ug/L	10	ND	107	45-151			07/07/20	
1,4-Dichlorobenzene	11	0.50	ug/L	10	ND	111	43-146			07/07/20	
2,2-Dichloropropane	9.3	0.50	ug/L	10	ND	93	24-182			07/07/20	
2-Butanone	9.3	5.0	ug/L	10	ND	93	55-144			07/07/20	
2-Chlorotoluene	12	0.50	ug/L	10	ND	117	48-150			07/07/20	
2-Hexanone	9.9	10	ug/L	10	ND	99	40-159			07/07/20	
4-Chlorotoluene	12	0.50	ug/L	10	ND	116	43-150			07/07/20	
4-Methyl-2-pentanone	9.8	5.0	ug/L	10	ND	98	30-171			07/07/20	
Acetone	ND	10	ug/L	10	ND	0	27-181			07/07/20	MS1.0 ***Low***
Benzene	11	0.50	ug/L	10	ND	109	48-155			07/07/20	
Bromobenzene	12	0.50	ug/L	10	ND	119	43-151			07/07/20	
Bromochloromethane	12	0.50	ug/L	10	ND	119	48-161			07/07/20	
Bromodichloromethane	11	0.50	ug/L	10	ND	108	47-151			07/07/20	
Bromoform	10	0.50	ug/L	10	ND	100	29-162			07/07/20	
Bromomethane	12	0.50	ug/L	10	ND	120	10-200			07/07/20	
Carbon disulfide	14	10	ug/L	10	ND	140	57-161			07/07/20	
Carbon Tetrachloride	12	0.50	ug/L	10	ND	118	47-163			07/07/20	
Chlorobenzene	12	0.50	ug/L	10	ND	116	46-152			07/07/20	
Chloroethane	12	0.50	ug/L	10	ND	123	28-189			07/07/20	
Chloroform	12	0.50	ug/L	10	ND	117	52-148			07/07/20	
Chloromethane	13	0.50	ug/L	10	ND	131	53-159			07/07/20	
cis-1,2-Dichloroethene	12	0.50	ug/L	10	ND	115	50-152			07/07/20	

BSK Associates Laboratory Fresno

Organics Quality Control Report

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Date Analyzed	Qual
EPA 524.2 - Quality Control											
Batch: ADG0095										Prepared: 7/6/2020	
Prep Method: EPA 524.2										Analyst: ANM	
Matrix Spike (ADG0095-MS1), Source: SDG0019-01											
cis-1,3-Dichloropropene	9.7	0.50	ug/L	10	ND	97	34-156			07/07/20	
Dibromochloromethane	10	0.50	ug/L	10	ND	103	44-149			07/07/20	
Dibromomethane	10	0.50	ug/L	10	ND	103	46-150			07/07/20	
Dichlorodifluoromethane	14	0.50	ug/L	10	ND	142	33-170			07/07/20	
Dichloromethane	11	0.50	ug/L	10	ND	105	47-156			07/07/20	
Di-isopropyl ether (DIPE)	9.9	3.0	ug/L	10	ND	99	41-159			07/07/20	
Ethyl tert-Butyl Ether (ETBE)	11	0.50	ug/L	10	ND	107	32-160			07/07/20	
Ethylbenzene	12	0.50	ug/L	10	ND	117	40-157			07/07/20	
Hexachlorobutadiene	11	0.50	ug/L	10	ND	110	38-151			07/07/20	
Isopropylbenzene	12	0.50	ug/L	10	ND	120	41-156			07/07/20	
m,p-Xylenes	23	0.50	ug/L	20	ND	117	49-154			07/07/20	
Methyl-t-butyl ether	21	0.50	ug/L	20	ND	106	41-156			07/07/20	
Naphthalene	10	0.50	ug/L	10	ND	103	35-154			07/07/20	
n-Butylbenzene	12	0.50	ug/L	10	ND	118	31-153			07/07/20	
n-Propylbenzene	12	0.50	ug/L	10	ND	118	39-156			07/07/20	
o-Xylene	12	0.50	ug/L	10	ND	117	27-164			07/07/20	
p-Isopropyltoluene	12	0.50	ug/L	10	ND	117	26-161			07/07/20	
sec-Butylbenzene	12	0.50	ug/L	10	ND	122	39-154			07/07/20	
Styrene	9.9	0.50	ug/L	10	ND	99	10-200			07/07/20	
tert-Amyl Methyl Ether (TAME)	10	3.0	ug/L	10	ND	104	24-161			07/07/20	
tert-Butyl alcohol (TBA)	9.0	2.0	ug/L	10	ND	90	22-174			07/07/20	
tert-Butylbenzene	12	0.50	ug/L	10	ND	118	40-153			07/07/20	
Tetrachloroethene (PCE)	11	0.50	ug/L	10	ND	113	48-155			07/07/20	
Toluene	11	0.50	ug/L	10	ND	114	40-159			07/07/20	
trans-1,2-Dichloroethene	12	0.50	ug/L	10	ND	118	52-157			07/07/20	
trans-1,3-Dichloropropene	10	0.50	ug/L	10	ND	102	28-160			07/07/20	
Trichloroethene (TCE)	12	0.50	ug/L	10	ND	119	49-155			07/07/20	
Trichlorofluoromethane	14	5.0	ug/L	10	ND	141	47-169			07/07/20	
Vinyl Chloride	13	0.50	ug/L	10	ND	133	21-183			07/07/20	
Surrogate: 1,2-Dichlorobenzene-d4	*55*			*50*		*110*	*70-130*			07/07/20	
Surrogate: Bromofluorobenzene	*56*			*50*		*113*	*70-130*			07/07/20	
EPA 525.3 - Quality Control											
Batch: ADG0420										Prepared: 7/9/2020	
Prep Method: EPA 525.3										Analyst: JKH	
Blank (ADG0420-BLK1)											
Alachlor	ND	1.0	ug/L							07/13/20	
Atrazine	ND	0.50	ug/L							07/13/20	
Benzo(a)pyrene	ND	0.10	ug/L							07/13/20	
Bis(2-ethylhexyl) adipate	ND	3.0	ug/L							07/13/20	
Bis(2-ethylhexyl) phthalate	ND	3.0	ug/L							07/13/20	
Bromacil	ND	10	ug/L							07/13/20	

BSK Associates Laboratory Fresno

Organics Quality Control Report

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Date Analyzed	Qual
EPA 525.3 - Quality Control											
Batch: ADG0420										Prepared: 7/9/2020	
Prep Method: EPA 525.3										Analyst: JKH	
Blank (ADG0420-BLK1)											
Butachlor	ND	0.38	ug/L							07/13/20	
Diazinon	ND	0.25	ug/L							07/13/20	
Dimethoate	ND	10	ug/L							07/13/20	
Metolachlor	ND	0.50	ug/L							07/13/20	
Metribuzin	ND	0.50	ug/L							07/13/20	
Molinate	ND	2.0	ug/L							07/13/20	
Propachlor	ND	0.50	ug/L							07/13/20	
Simazine	ND	1.0	ug/L							07/13/20	
Thiobencarb	ND	1.0	ug/L							07/13/20	
Surrogate: 1,3-Dimethyl-2-nitrobenzene	*1.0*			*1.0*		*100*	*70-130*			07/13/20	
Surrogate: Benzo(a)pyrene-d12	*0.98*			*1.0*		*98*	*70-130*			07/13/20	
Surrogate: Triphenyl Phosphate	*1.1*			*1.0*		*105*	*70-130*			07/13/20	
Blank Spike (ADG0420-BS1)											
Alachlor	0.40	1.0	ug/L	0.40	ND	100	70-130			07/13/20	
Atrazine	0.20	0.50	ug/L	0.20	ND	102	70-130			07/13/20	
Benzo(a)pyrene	0.039	0.10	ug/L	0.040	ND	97	70-130			07/13/20	
Bis(2-ethylhexyl) adipate	0.77	3.0	ug/L	0.80	ND	97	70-130			07/13/20	
Bis(2-ethylhexyl) phthalate	2.3	3.0	ug/L	2.4	ND	95	70-130			07/13/20	
Bromacil	0.22	10	ug/L	0.20	ND	109	70-130			07/13/20	
Butachlor	0.20	0.38	ug/L	0.20	ND	100	70-130			07/13/20	
Diazinon	0.037	0.25	ug/L	0.040	ND	92	70-130			07/13/20	
Dimethoate	1.7	10	ug/L	1.6	ND	104	70-130			07/13/20	
Metolachlor	0.20	0.50	ug/L	0.20	ND	99	70-130			07/13/20	
Metribuzin	0.20	0.50	ug/L	0.20	ND	98	70-130			07/13/20	
Molinate	0.19	2.0	ug/L	0.20	ND	93	70-130			07/13/20	
Propachlor	0.19	0.50	ug/L	0.20	ND	96	70-130			07/13/20	
Simazine	0.15	1.0	ug/L	0.14	ND	104	70-130			07/13/20	
Thiobencarb	0.20	1.0	ug/L	0.20	ND	99	70-130			07/13/20	
Surrogate: 1,3-Dimethyl-2-nitrobenzene	*1.0*			*1.0*		*101*	*70-130*			07/13/20	
Surrogate: Benzo(a)pyrene-d12	*1.0*			*1.0*		*102*	*70-130*			07/13/20	
Surrogate: Triphenyl Phosphate	*1.1*			*1.0*		*109*	*70-130*			07/13/20	
Blank Spike Dup (ADG0420-BSD1)											
Alachlor	0.39	1.0	ug/L	0.40	ND	96	70-130	4	30	07/13/20	
Atrazine	0.21	0.50	ug/L	0.20	ND	103	70-130	1	30	07/13/20	
Benzo(a)pyrene	0.043	0.10	ug/L	0.040	ND	108	70-130	12	30	07/13/20	
Bis(2-ethylhexyl) adipate	0.75	3.0	ug/L	0.80	ND	94	70-130	2	30	07/13/20	
Bis(2-ethylhexyl) phthalate	2.2	3.0	ug/L	2.4	ND	91	70-130	3	30	07/13/20	
Bromacil	0.21	10	ug/L	0.20	ND	106	70-130	3	30	07/13/20	
Butachlor	0.19	0.38	ug/L	0.20	ND	96	70-130	5	30	07/13/20	
Diazinon	0.037	0.25	ug/L	0.040	ND	93	70-130	1	30	07/13/20	
Dimethoate	1.6	10	ug/L	1.6	ND	100	70-130	4	30	07/13/20	
Metolachlor	0.19	0.50	ug/L	0.20	ND	95	70-130	4	30	07/13/20	

BSK Associates Laboratory Fresno

Organics Quality Control Report

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Date Analyzed	Qual
EPA 525.3 - Quality Control											
Batch: ADG0420										Prepared: 7/9/2020	
Prep Method: EPA 525.3										Analyst: JKH	
Blank Spike Dup (ADG0420-BSD1)											
Metribuzin	0.19	0.50	ug/L	0.20	ND	94	70-130	4	30	07/13/20	
Molinate	0.19	2.0	ug/L	0.20	ND	95	70-130	2	30	07/13/20	
Propachlor	0.19	0.50	ug/L	0.20	ND	95	70-130	1	30	07/13/20	
Simazine	0.14	1.0	ug/L	0.14	ND	102	70-130	2	30	07/13/20	
Thiobencarb	0.19	1.0	ug/L	0.20	ND	96	70-130	2	30	07/13/20	
Surrogate: 1,3-Dimethyl-2-nitrobenzene	*1.0*			*1.0*		*102*	*70-130*			07/13/20	
Surrogate: Benzo(a)pyrene-d12	*1.0*			*1.0*		*101*	*70-130*			07/13/20	
Surrogate: Triphenyl Phosphate	*1.1*			*1.0*		*106*	*70-130*			07/13/20	
Matrix Spike (ADG0420-MS1), Source: SDG0142-01											
Alachlor	0.10	1.0	ug/L	0.094	ND	110	70-130			07/13/20	
Atrazine	0.054	0.50	ug/L	0.047	ND	116	70-130			07/13/20	
Benzo(a)pyrene	0.010	0.10	ug/L	0.0094	ND	109	70-130			07/13/20	
Bis(2-ethylhexyl) adipate	0.20	3.0	ug/L	0.19	ND	107	70-130			07/13/20	
Bis(2-ethylhexyl) phthalate	0.57	3.0	ug/L	0.56	ND	79	70-130			07/13/20	
Bromacil	0.050	10	ug/L	0.047	ND	107	70-130			07/13/20	
Butachlor	0.048	0.38	ug/L	0.047	ND	102	70-130			07/13/20	
Diazinon	0.0082	0.25	ug/L	0.0094	ND	88	70-130			07/13/20	
Dimethoate	0.42	10	ug/L	0.38	ND	89	70-130			07/13/20	
Metolachlor	0.047	0.50	ug/L	0.047	ND	101	70-130			07/13/20	
Metribuzin	0.050	0.50	ug/L	0.047	ND	85	70-130			07/13/20	
Molinate	0.044	2.0	ug/L	0.047	ND	93	70-130			07/13/20	
Propachlor	0.049	0.50	ug/L	0.047	ND	105	70-130			07/13/20	
Simazine	0.035	1.0	ug/L	0.033	ND	107	70-130			07/13/20	
Thiobencarb	0.049	1.0	ug/L	0.047	ND	104	70-130			07/13/20	
Surrogate: 1,3-Dimethyl-2-nitrobenzene	*0.92*			*0.94*		*98*	*70-130*			07/13/20	
Surrogate: Benzo(a)pyrene-d12	*0.90*			*0.94*		*96*	*70-130*			07/13/20	
Surrogate: Triphenyl Phosphate	*0.94*			*0.94*		*100*	*70-130*			07/13/20	
EPA 531.1 - Quality Control											
Batch: ADG0506										Prepared: 7/10/2020	
Prep Method: EPA 531.1										Analyst: JNG	
Blank (ADG0506-BLK1)											
3-Hydroxycarbofuran	ND	3.0	ug/L							07/10/20	
Aldicarb	ND	3.0	ug/L							07/10/20	
Aldicarb Sulfone	ND	2.0	ug/L							07/10/20	
Aldicarb Sulfoxide	ND	3.0	ug/L							07/10/20	
Carbaryl	ND	5.0	ug/L							07/10/20	
Carbofuran	ND	5.0	ug/L							07/10/20	
Methomyl	ND	2.0	ug/L							07/10/20	
Oxamyl	ND	20	ug/L							07/10/20	
Blank Spike (ADG0506-BS1)											

BSK Associates Laboratory Fresno

Organics Quality Control Report

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Date Analyzed	Qual
EPA 531.1 - Quality Control											
Batch: ADG0506										Prepared: 7/10/2020	
Prep Method: EPA 531.1										Analyst: JNG	
Blank Spike (ADG0506-BS1)											
3-Hydroxycarbofuran	4.0	3.0	ug/L	4.0	ND	100	80-120			07/10/20	
Aldicarb	2.0	3.0	ug/L	2.0	ND	101	80-120			07/10/20	
Aldicarb Sulfone	3.1	2.0	ug/L	3.2	ND	98	80-120			07/10/20	
Aldicarb Sulfoxide	2.0	3.0	ug/L	2.0	ND	99	80-120			07/10/20	
Carbaryl	3.9	5.0	ug/L	4.0	ND	98	80-120			07/10/20	
Carbofuran	3.6	5.0	ug/L	3.6	ND	101	80-120			07/10/20	
Methomyl	4.0	2.0	ug/L	4.0	ND	101	80-120			07/10/20	
Oxamyl	3.9	20	ug/L	4.0	ND	97	80-120			07/10/20	
Blank Spike Dup (ADG0506-BSD1)											
3-Hydroxycarbofuran	3.9	3.0	ug/L	4.0	ND	97	80-120	3	20	07/10/20	
Aldicarb	2.0	3.0	ug/L	2.0	ND	101	80-120	0	20	07/10/20	
Aldicarb Sulfone	3.0	2.0	ug/L	3.2	ND	95	80-120	2	20	07/10/20	
Aldicarb Sulfoxide	1.9	3.0	ug/L	2.0	ND	94	80-120	5	20	07/10/20	
Carbaryl	3.9	5.0	ug/L	4.0	ND	97	80-120	1	20	07/10/20	
Carbofuran	3.5	5.0	ug/L	3.6	ND	97	80-120	4	20	07/10/20	
Methomyl	3.8	2.0	ug/L	4.0	ND	95	80-120	6	20	07/10/20	
Oxamyl	3.8	20	ug/L	4.0	ND	96	80-120	1	20	07/10/20	
Matrix Spike (ADG0506-MS1), Source: ADF3014-01											
3-Hydroxycarbofuran	3.9	3.0	ug/L	4.0	ND	97	65-135			07/10/20	
Aldicarb	1.9	3.0	ug/L	2.0	ND	96	65-135			07/10/20	
Aldicarb Sulfone	3.2	2.0	ug/L	3.2	ND	99	65-135			07/10/20	
Aldicarb Sulfoxide	1.9	3.0	ug/L	2.0	ND	96	65-135			07/10/20	
Carbaryl	4.1	5.0	ug/L	4.0	ND	102	65-135			07/10/20	
Carbofuran	3.5	5.0	ug/L	3.6	ND	98	65-135			07/10/20	
Methomyl	3.9	2.0	ug/L	4.0	ND	97	65-135			07/10/20	
Oxamyl	3.9	20	ug/L	4.0	ND	97	65-135			07/10/20	
EPA 547 - Quality Control											
Batch: ADG0162										Prepared: 7/5/2020	
Prep Method: EPA 547										Analyst: JNG	
Blank (ADG0162-BLK1)											
Glyphosate	ND	25	ug/L							07/05/20	
Surrogate: AMPA	*200*			*200*		*99*	*70-130*			07/05/20	
Blank Spike (ADG0162-BS1)											
Glyphosate	110	25	ug/L	100	ND	110	70-130			07/05/20	
Surrogate: AMPA	*220*			*200*		*109*	*70-130*			07/05/20	
Blank Spike Dup (ADG0162-BSD1)											
Glyphosate	110	25	ug/L	100	ND	108	70-130	2	30	07/05/20	
Surrogate: AMPA	*210*			*200*		*105*	*70-130*			07/05/20	

BSK Associates Laboratory Fresno

Organics Quality Control Report

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Date Analyzed	Qual
EPA 547 - Quality Control											
Batch: ADG0162										Prepared: 7/5/2020	
Prep Method: EPA 547										Analyst: JNG	
Matrix Spike (ADG0162-MS1), Source: ADF3014-01											
Glyphosate	100	25	ug/L	100	ND	102	70-130			07/05/20	
Surrogate: AMPA	*200*			*200*		*99*	*70-130*			07/05/20	
Matrix Spike Dup (ADG0162-MSD1), Source: ADF3014-01											
Glyphosate	120	25	ug/L	100	ND	117	70-130	13	30	07/05/20	
Surrogate: AMPA	*210*			*200*		*105*	*70-130*			07/05/20	
EPA 548.1 - Quality Control											
Batch: ADG0304										Prepared: 7/7/2020	
Prep Method: EPA 548.1										Analyst: JKH	
Blank (ADG0304-BLK1)											
Endothall	ND	45	ug/L							07/08/20	
Blank Spike (ADG0304-BS1)											
Endothall	16	45	ug/L	20	ND	81	46-116			07/08/20	
Blank Spike Dup (ADG0304-BSD1)											
Endothall	19	45	ug/L	20	ND	94	46-116	15	30	07/08/20	
Matrix Spike (ADG0304-MS1), Source: ADF2962-02											
Endothall	ND	45	ug/L	20	ND	0	46-116			07/08/20	MS1.0 ***Low***
EPA 549.2 - Quality Control											
Batch: ADG0183										Prepared: 7/6/2020	
Prep Method: EPA 549.2										Analyst: ANM	
Blank (ADG0183-BLK1)											
Diquat	ND	4.0	ug/L							07/13/20	
Blank Spike (ADG0183-BS1)											
Diquat	3.3	4.0	ug/L	4.0	ND	82	70-130			07/13/20	
Blank Spike Dup (ADG0183-BSD1)											
Diquat	3.2	4.0	ug/L	4.0	ND	81	70-130	2	30	07/13/20	
Matrix Spike (ADG0183-MS1), Source: ADG0046-01											
Diquat	3.4	4.0	ug/L	4.0	ND	84	70-130			07/13/20	

BSK Associates Sacramento

General Chemistry Quality Control Report

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Date Analyzed	Qual
EPA 300.0 - Quality Control											
Batch: SDG0001										Prepared: 7/1/2020	
Prep Method: Method Specific Preparation										Analyst: KEF	
Blank (SDG0001-BLK1)											
Fluoride	ND	0.10	mg/L							07/01/20	
Nitrite as N	ND	0.050	mg/L							07/01/20	
Chloride	ND	1.0	mg/L							07/01/20	
Nitrate + Nitrite as N	ND	0.23	mg/L							07/01/20	
Nitrate as N	ND	0.23	mg/L							07/01/20	
Sulfate as SO4	ND	0.50	mg/L							07/01/20	
Blank Spike (SDG0001-BS1)											
Fluoride	0.50	0.10	mg/L	0.50	ND	100	90-110			07/01/20	
Nitrite as N	0.50	0.050	mg/L	0.50	ND	101	90-110			07/01/20	
Chloride	51	1.0	mg/L	50	ND	101	90-110			07/01/20	
Nitrate as N	11	0.23	mg/L	11	ND	95	90-110			07/01/20	
Sulfate as SO4	48	0.50	mg/L	50	ND	96	90-110			07/01/20	
Blank Spike Dup (SDG0001-BSD1)											
Fluoride	0.51	0.10	mg/L	0.50	ND	102	90-110	2	10	07/01/20	
Nitrite as N	0.53	0.050	mg/L	0.50	ND	106	90-110	4	20	07/01/20	
Chloride	51	1.0	mg/L	50	ND	103	90-110	1	20	07/01/20	
Nitrate as N	11	0.23	mg/L	11	ND	97	90-110	1	20	07/01/20	
Sulfate as SO4	48	0.50	mg/L	50	ND	97	90-110	1	20	07/01/20	
Matrix Spike (SDG0001-MS1), Source: SDG0001-01											
Fluoride	0.52	0.10	mg/L	0.50	ND	101	80-120			07/01/20	
Nitrite as N	0.51	0.050	mg/L	0.50	ND	102	50-110			07/01/20	
Chloride	53	1.0	mg/L	50	1.6	103	80-120			07/01/20	
Nitrate as N	11	0.23	mg/L	11	ND	96	80-120			07/01/20	
Sulfate as SO4	51	0.50	mg/L	50	2.0	97	80-120			07/01/20	
Matrix Spike Dup (SDG0001-MSD1), Source: SDG0001-01											
Fluoride	0.52	0.10	mg/L	0.50	ND	101	80-120	0	10	07/01/20	
Nitrite as N	0.52	0.050	mg/L	0.50	ND	105	50-110	2	20	07/01/20	
Chloride	53	1.0	mg/L	50	1.6	103	80-120	0	20	07/01/20	
Nitrate as N	11	0.23	mg/L	11	ND	96	80-120	0	20	07/01/20	
Sulfate as SO4	51	0.50	mg/L	50	2.0	97	80-120	0	20	07/01/20	
SM 2120B - Quality Control											
Batch: SDG0002										Prepared: 7/1/2020	
Prep Method: Method Specific Preparation										Analyst: KEF	
Blank (SDG0002-BLK1)											
Color, Apparent	ND	5.0	CU							07/01/20	
Duplicate (SDG0002-DUP1), Source: SDG0001-01											
Color, Apparent	5.0	5.0	CU		5.0			0	20	07/01/20	

BSK Associates Sacramento

General Chemistry Quality Control Report

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Date Analyzed	Qual
SM 2120B - Quality Control											
Batch: SDG0002										Prepared: 7/1/2020	
Prep Method: Method Specific Preparation										Analyst: KEF	
SM 2130B - Quality Control											
Batch: SDG0002										Prepared: 7/1/2020	
Prep Method: Method Specific Preparation										Analyst: KEF	
Blank (SDG0002-BLK1)											
Turbidity	ND	0.10	NTU							07/01/20	
Duplicate (SDG0002-DUP1), Source: SDG0001-01											
Turbidity	0.94	0.10	NTU		0.88			7	20	07/01/20	
SM 2150B - Quality Control											
Batch: SDG0039										Prepared: 7/1/2020	
Prep Method: Method Specific Preparation										Analyst: E_G	
Blank (SDG0039-BLK1)											
Threshold Odor	ND	1.0	T.O.N.							07/01/20	
SM 4500-H+ B - Quality Control											
Batch: SDG0002										Prepared: 7/1/2020	
Prep Method: Method Specific Preparation										Analyst: KEF	
Duplicate (SDG0002-DUP1), Source: SDG0001-01											
Color pH (1)	6.78		pH Units		6.71			1		07/01/20	
SM 4500-H+ B - Quality Control											
Batch: SDG0003										Prepared: 7/1/2020	
Prep Method: Method Specific Preparation										Analyst: KEF	
Duplicate (SDG0003-DUP1), Source: SDG0001-01											
pH (1)	6.8		pH Units		6.7			1	20	07/01/20	

Certificate of Analysis

Notes:

- The Chain of Custody document and Sample Integrity Sheet are part of the analytical report.
- Any remaining sample(s) for testing will be disposed of according to BSK's sample retention policy unless other arrangements are made in advance.
- All positive results for EPA Methods 504.1 and 524.2 require the analysis of a Field Reagent Blank (FRB) to confirm that the results are not a contamination error from field sampling steps. If Field Reagent Blanks were not submitted with the samples, this method requirement has not been performed.
- Samples collected by BSK Analytical Laboratories were collected in accordance with the BSK Sampling and Collection Standard Operating Procedures.
- J-value is equivalent to DNQ (Detected, not quantified) which is a trace value. A trace value is an analyte detected between the MDL and the laboratory reporting limit. This result is of an unknown data quality and is only qualitative (estimated). Baseline noise, calibration curve extrapolation below the lowest calibrator, method blank detections, and integration artifacts can all produce apparent DNQ values, which contribute to the un-reliability of these values.
- (1) - Residual chlorine and pH analysis have a 15 minute holding time for both drinking and waste water samples as defined by the EPA and 40 CFR 136. Waste water and ground water (monitoring well) samples must be field filtered to meet the 15 minute holding time for dissolved metals.
- Field tests are outside the scope of laboratory accreditation and there is no certification available for field testing.
- Summations of analytes (i.e. Total Trihalomethanes) may appear to add individual amounts incorrectly, due to rounding of analyte values occurring before or after the total value is calculated, as well as rounding of the total value.
- RL Multiplier is the factor used to adjust the reporting limit (RL) due to variations in sample preparation procedures and dilutions required for matrix interferences.
- Due to the subjective nature of the Threshold Odor Method , all characterizations of the detected odor are the opinion of the panel of analysts. The characterizations can be found in Standard Methods 2170B Figure 2170:1.
- The MCLs provided in this report (if applicable) represent the primary MCLs for that analyte.
- (2) - Formerly known as Bis(2-Chloroisopropyl) ether.

Definitions

mg/L:	Milligrams/Liter (ppm)	MDL:	Method Detection Limit	MDA95:	Min. Detected Activity
mg/Kg:	Milligrams/Kilogram (ppm)	RL:	Reporting Limit: DL x Dilution	MPN:	Most Probable Number
µg/L:	Micrograms/Liter (ppb)	ND:	None Detected below MRL/MDL	CFU:	Colony Forming Unit
µg/Kg:	Micrograms/Kilogram (ppb)	pCi/L:	PicoCuries per Liter	Absent:	Less than 1 CFU/100mLs
%:	Percent	RL Mult:	RL Multiplier	Present:	1 or more CFU/100mLs
NR:	Non-Reportable	MCL:	Maximum Contaminant Limit	U:	The analyte was not detected at or above the reported sample quantitation limit.

Please see the individual Subcontract Lab's report for applicable certifications.

Aggressive Index	Chlorothalonil	Trifluralin
Langelier Index	Chloride	Color, Apparent
Fluoride	Nitrate + Nitrite as N	Nitrate as N
Nitrite as N	pH (1)	pH Temperature in °C
Sulfate as SO4	Turbidity	

Certificate of Analysis

Certifications: **Please refer to our website for a copy of our Accredited Fields of Testing under each certification.**

Fresno

State of California - ELAP	1180	State of Hawaii	4021
Los Angeles CSD	9254479	NELAP certified	4021-014
State of Nevada	CA000792020-2	State of Oregon - NELAP	4021-014
EPA - UCMR4	CA00079	State of Washington	C997-20b

Sacramento

State of California - ELAP	2435		

San Bernardino

State of California - ELAP	2993	Los Angeles CSD	9254478
NELAP certified	4119-004	State of Oregon - NELAP	4119-004

Vancouver

NELAP certified	WA100008-012	State of Oregon - NELAP	WA100008-013
State of Washington	C824-19		

BSK Associates
Engineers & Laboratories
1414 Stanislaus St., Fresno, CA 93706
(559) 497-2888 Fax (559) 497-2893
www.bskassociates.com

SDG0001Folso8338 07/01/2020 10

*Required Fields

Temp: 9.4°c/59

Company/Client Name*:	Report Attention*:	Invoice To*:	Phone*:	Fax*:
City of Folsom	Jeremy Shykowski Additional cc's: jkime@folsom.ca.us	PO#:	916-351-3383 E-mail*: jshykowski@folsom.ca.us	

Address*:	City*:	State*:	Zip*:
194 Randall Drive	Folsom	Ca	95630

Regulatory Carbon Copies: CDPH ☐ Fresno Co ☐ Merced Co ☐ Tulare Co ☐ Madera Co ☐ Other: ____

Project: Annual Testing - 2020 | Project #:

Reporting Options: ☐ Trace (J-Flag) ☐ Swamp ☐ EDD Type: ____

How would you like your completed results sent?* ☐ E-Mail ☐ Fax ☐ Mail

Regulatory Compliance: ☒ EDT to California DPH System Number*: 3410014

Sampler Name (Printed/Signature)*: BRYAN FARLEY /Bf

TAT* **Surcharge: ☒ Standard - 10 Business Days ☐ **Rush: Date Needed ____

☐ Geotracker #: ____

Matrix Types: SW=Surface Water BW=Bottled Water GW=Ground Water WW=Waste Water STW=Storm Water DW=Drinking Water SO=Solid

#	Sample Description*	Sampled* Date	Sampled* Time	Matrix*	Comments / Station Code / WTRAX	S-GM/IO/GP	Perchlorate, Hex Chrome	524 VOC	SOC: 504,505,515,525,531, 552.2,548.549	EXT: 2,3,7,8-TCDD (Dioxin)	EXT:Asbestos, DW by EAP 100.2			
1	WTP - Raw	7/1/20	0830	Raw	-001	X	X	X	X	X	X			
2	FO2-1 (Flower Drive)	7/1/20	0820	DW							X			
3	AO2-1 (Hillswood Drive)	7/1/20	0845	DW							X			

Relinquished by: (Signature and Printed Name)	Company	Date	Time	Received by: (Signature and Printed Name)	Company
BRYAN FARLEY	CITY OF FOLSOM	7/1/20	915		BSK-SAC
Relinquished by: (Signature and Printed Name)	Company	Date	Time	Received by: (Signature and Printed Name)	Company
Received for Lab by: (Signature and Printed Name)		Date	Time	Payment Received at Delivery: Date: Amount: PIA#:	Check / Cash Init.

Shipping Method: ONTRAC UPS GSO WALK-IN FED EX Courier: ____ Custody Seal: Y / N

Chilling Method: Wet Blue None Chilling Process Begun: Y / N

Payment for services rendered as noted herein are due in full within 30 days from the date invoiced. If not so paid, account balances are deemed delinquent. Delinquent balances are subject to monthly service charges and interest specified in BSK's current Standard Terms and Conditions for Laboratory Services. The person signing for Client/Company acknowledges that they are either the Client or an authorized agent to the Client, that the Client agrees to be responsible for payment for the services on this Chain of Custody, and agrees to BSK's terms and conditions for laboratory services unless contractually bound otherwise. BSK's current terms and conditions can be found at www.bskassociates.com/BSKLabTermsConditions.pdf

BSK Associates SR-FL-0002-20

SDG0001Folso8338 07/01/2020

10

Sample Integrity

BSK Bottles: Yes No Page 1 of 1

COC Info

Is temperature within range? Chemistry ≤ 6°C Micro < 8°C	Yes No NA	Are correct containers and preservatives received for the tests requested?	Yes No NA
If samples were taken today, is there evidence that chilling has begun?	Yes No NA	Bubbles Present in VOA (524.2/TCP/TTHM)? TB Received? (Check Method Below)	Yes No NA / Yes No NA
Did all bottles arrive unbroken and intact?	Yes No	Is sufficient amount of sample received?	Yes No
Do all bottle labels agree with COC?	Yes No	Do samples have a hold time <72 hours?	Yes No
Was sodium thiosulfate added to CN sample(s) until chlorine was no longer present?	Yes No NA	Has PM been notified of discrepancies? PM: By/Time:	Yes No NA

Bottles Received — "_" means preservation/chlorine checks are either N/A or are performed in the lab

250ml(A) 500ml(B) 1Liter(C) 40mlVOA(V) 125ml(D)	Checks	Passed?	#1	#2	#3
Bacti $Na_2S_2O_3$	—	—			
None (P) White Cap	—	—	2C, 2A'		
Cr6 (P) Lt. Green Label/Blue Cap $NH_4OH(NH_4)_2SO_4$ **DW**	Cl, pH > 8	P F	1A'		
Cr6 (P) Pink Label/Blue Cap $NH_4OH(NH_4)_2SO_4$ **WW**	pH 9.3-9.7	P F			
Cr6 (P) Black Label/Blue Cap $NH_4OH(NH_4)_2SO_4$ **7199** ***24 HOUR HOLD TIME***	pH 9.0-9.5	P F			
HNO_3 (P) Red Cap or HCl (P) Purple Cap/Lt. Blue Label	—	—	1B'		
H_2SO_4 (P) or (AG) Yellow Cap/Label	pH < 2	P F			
NaOH (P) Green Cap	Cl, pH >10	P F	1A'		
NaOH + ZnAc (P)	pH > 9	P F			
Dissolved Oxygen 300ml (g)	—	—			
None (AG) 608/8081/8082, 625, 632/8321, 8151, 8270	—	—	3C'		
HCl (AG) Lt. Blue Label O&G, Diesel, **TCP**	—	—			
Ascorbic, EDTA, KH_2Ct (AG) Pink Label 525	—	—	2C'		
Na_2SO_3 250mL (AG) Neon Green Label 515	—	—	1A'		
$Na_2S_2O_3$ 1 Liter (Brown P) 549	—	—	1C'		
$Na_2S_2O_3$ (AG) Blue Label 548, THM, 524	—	—	1A'		
$Na_2S_2O_3$ (CG) Blue Label 504, 505, 547	—	—	7V'		
$Na_2S_2O_3$ + MCAA (CG) Orange Label 531	pH < 3	P F	1V'		
NH_4Cl (AG) Purple Label 552	—	—			
EDA (AG) Brown Label DBPs	—	—			
HCL (CG) 524.2,BTEX,Gas, MTBE, 8260/624	—	—	3V		
Buffer pH 4 (CG)	—	—			
H_3PO_4 (CG) Salmon Label	—	—			
Trizma – EPA 537.1					
Other:					
Asbestos 1L (P) w/ Foil / LL Metals Bottle	—	—	1C.	1C.	1C.
Bottled Water	—	—			
Clear Glass 125mL / 250mL / 500mL / 1 Liter	—	—			
Solids: Brass / Steel / Plastic Bag	—	—			

Split

	Container	Preservative	Date/Time/Initials		Container	Preservative	Date/Time/Initials
S P				S P			
S P				S P			

Comments

Sample #4 – 2VTB – $Na_2S_2O_3$

Sample #5 – 2VTB – HCl

✓ **Indicates Blanks Received**

504 ✓ 524.2 ✓ TCP __ TTHM __ 537 __

8260/624 __ TB – 032 0055

TB – 0320059 (524.2)

Scanned: _____

SAMPLE TRANSIT ORDER

SDG0001

Jaime Lee LaFave

Receipt temp @ FAL: 0.4 Thermometer/ IR Gun ID: #54

SENDING LABORATORY:

BSK Associates Sacramento
3140 Gold Camp Drive #160
Rancho Cordova, CA 95670
916.853.9293 (Main)
916.853.9297 (FAX)

Project Manager: Jaime Lee LaFave
E-mail: jlafave@bskassociates.com

RECEIVING LABORATORY:

BSK Associates Laboratory Fresno
1414 Stanislaus St
Fresno, CA 93706
559-497-2888 (Main)
559-485-6935 (FAX)

Turnaround (Days): Standard
QC Deliverables: I Std III IV

Client: City of Folsom

Sample ID	Samp Desc		Sample Date
SDG0001-01	**WTP - Raw**	**Client Matrix** Water	**07/01/2020 08:30**

Lab Matrix: Water

Analysis:

Aggressive Index
Alkalinity as CaCO3
Aluminum, CA DW ICP
Antimony, CA DW ICPMS
Arsenic, CA DW ICPMS
Barium, CA DW ICP
Beryllium, CA DW ICPMS
Cadmium, CA DW ICPMS
Calcium, CA DW ICP
Chromium, CA DW ICPMS
Copper, CA DW ICPMS
Cyanide, Total
EC, Conductivity
EPA 504.1 - (EDB/DBCP)
EPA 505 - Organohalide Pesticide & PCBs
EPA 515.4 - Chlorinated Acids
EPA 524.2 - Subtest
EPA 525.3 - Full list
EPA 531.1
EPA 547
EPA 548.1
EPA 549.2
Hex Chrom, DW by EPA 218.7
Iron, CA DW ICP
Langelier Index
Lead, CA DW ICPMS
Magnesium, CA DW ICP
Manganese, CA DW ICP
MBAS
Mercury, CA DW ICPMS
Nickel, CA DW ICPMS
Perchlorate
Potassium, CA DW ICP
Selenium, CA DW ICPMS
Silver, CA DW ICPMS

Sample ID	Samp Desc		Sample Date
	Sodium, CA DW ICP		
	TDS, Total Dissolved Solids		
	Thallium, CA DW ICPMS		
	Total 1,3-Dichloropropene		
	Total Trihalomethanes		
	Total Xylenes, EPA 524.2		
	Zinc, CA DW ICP		
SDG0001-04	**504 TB- 0320055**	**Client Matrix** Water	**07/01/2020 00:00**
Lab Matrix:	Water		
	Analysis:		
	EPA 504.1 - (EDB/DBCP)		
SDG0001-05	**524 TB- 0320059**	**Client Matrix** Water	**07/01/2020 00:00**
Lab Matrix:	Water		
	Analysis:		
	EPA 524.2 - Subtest		
	Total 1,3-Dichloropropene		
	Total Trihalomethanes		
	Total Xylenes, EPA 524.2		

Containers Included

SDG0001-01	A	40mL VOA / Na2S203
SDG0001-01	B	40mL VOA / Na2S203
SDG0001-01	C	40mL VOA / Na2S203
SDG0001-01	D	40mL VOA / Na2S203
SDG0001-01	E	40mL VOA / Na2S203
SDG0001-01	F	40mL VOA / Na2S203
SDG0001-01	G	40mL VOA / Na2S203
SDG0001-01	H	250mL AG / Na2SO3
SDG0001-01	I	1L AG / Ascorbic,EDTA,KH2Ct
SDG0001-01	J	1L AG / Ascorbic,EDTA,KH2Ct
SDG0001-01	K	40mL VOA / MCAA + Na2S2O3
SDG0001-01	L	1L AP / Na2S2O3
SDG0001-01	M	250mL AG / Na2S2O3
SDG0001-01	Q	250mL P / NaOH
SDG0001-01	R	500mL P / HNO3
SDG0001-01	S	250mL P / NH4OH(NH4)2SO4
SDG0001-01	T	1L P / None
SDG0001-01	U	1L P / None
SDG0001-01	W	250mL P / None
SDG0001-01	X	40mL VOA / HCL
SDG0001-01	Y	40mL VOA / HCL
SDG0001-01	Z	40mL VOA / HCL
SDG0001-04	A	40mL VOA / Na2S203
SDG0001-04	B	40mL VOA / Na2S203
SDG0001-05	A	40mL VOA / HCL
SDG0001-05	B	40mL VOA / HCL

BSK WI, BW PCAM

VCH

Kyle Land 7/2/2020

Released By	Date	Received By	Date
		[signature] 7-2-2020	15:18
Released By	Date	Received By	Date

SAMPLE TRANSIT INTEGRITY

PM: Jaime Lee LaFave

SDG0001
07/01/2020
Folso8338
10

BSK Bottles: (Yes) No Page 1 of 1

COC Info

Was temperature within range? Chemistry ≤ 6°C Micro< 8°C	(Yes) No NA	Were correct containers and preservatives received for the tests requested?	(Yes) No NA
Did all bottles arrive unbroken and intact?	(Yes) No	Bubbles Present VOAs (524.2/TCP/TTHM)?	Yes No (NA)
Was a sufficient amount of sample received?	(Yes) No	TB Received? (Check Method Below)	Yes No (NA)
Do samples have a hold time <72 hours?	(Yes) No	Was PM notified of discrepancies? PM: By/Time:	Yes No (NA)
Was sodium thiosulfate added to CN sample(s) until chlorine was no longer present?	Yes No (NA)		

Bottles Received

"---" means preservation/chlorine checks are either N/A or are performed in the lab

250ml(A) 500ml(B) 1Liter(C) 40ml VOA(V)	Checks	Passed?	1	-04	-05			
Bacti $Na_2S_2O_3$	---	---						
None (P) White Cap	---	---	2C, 1A					
Cr6 (P) Lt. Green Label/Blue Cap $NH_4OH(NH_4)SO_4$ **DW**	Cl, pH> 8	(P) F	1A					
Cr6 (P) Pink Label/Blue Cap $NH_4OH(NH_4)SO_4$ **WW**	pH 9.3 - 9.7	P F						
Cr6 (P) Black Label/Blue Cap $NH_4OH(NH_4)SO_4$ **7199** ***24 HOUR HOLD TIME***	pH 9.0 - 9.5	P F						
HNO_3 (P) Red Cap or HCl (P) Purple Cap/Lt. Blue Label	---	---	1B					
H_2SO_4 (P) or (AG) Yellow Cap/Label	pH < 2	P F						
NaOH (P) Green Cap	Cl, pH> 10	(P) F	1A					
NaOH + ZnAc (P)	pH > 9	P F						
Dissolved Oxygen 300ml (g)	---	---						
None (AG) 608/8081/8082, 625, 632/8321, 8151, 8270	---	---						
HCl (AG) Lt. Blue Label O&G, Diesel, **TCP**	---	---						
Ascorbic, EDTA, KH_2Ct (AG) Pink Label 525	---	---	2C					
Na_2SO_3 250ml (AG) Neon Green Label 515	---	---	1A					
$Na_2S_2O_3$ 1 Liter (Brown P) 549	---	---	1C					
$Na_2S_2O_3$ (AG) Blue Label 548, THM, 524	---	---	1A					
$Na_2S_2O_3$ (CG) Blue Label 504, 505, 547	---	---	7V	2VTB				
$Na_2S_2O_3$ + MCAA (CG) Orange Label 531	pH < 3	(P) F	1V					
NH_4Cl (AG) Purple Label 552	---	---						
EDA (AG) Brown Label DBPs	---	---						
HCL (CG) 524.2, BTEX, Gas, MTBE, 8260/624	---	---	3V		2VTB			
Buffer pH 4 (CG)	---	---						
H_3PO_4 (CG) Salmon Label	---	---						
250mL P / Trizma 531.1	---	---						
Other:								
Asbestos 1L (P) w/Foil / LL Metals Bottle	---	---						
Bottled Water	---	---						
Clear Glass 250ml / 500ml / 1 Liter	---	---						
Solids: Brass / Steel / Plastic Bag	---	---						

VLH 7-2-2020

Split

	Container	Preservative	Date/Time/Initials		Container	Preservative	Date/Time/Initials
S P				S P			
S P				S P			

Comments

✓ Indicates Blanks Received

504 ✓ 524.2 _____ TCP _____

TTHM _____ 537 _____ 8260/624 _____

Labels Checked by: VLH 15:18 @ _____ Scanned by: VLH @ _____ RUSH Paged by: _____ @ _____

CERES Analytical Laboratory, Inc.
4919 Windplay Dr. Suite 1, El Dorado Hills, CA 95762

July 13, 2020 Ceres ID: 13680

BSK Associates
3140 Gold Camp Drive #160
Rancho Cordova, CA 95670

The following report contains the results for the one drinking water sample received on July 2, 2020. This sample was analyzed for 2,3,7,8-TCDD by EPA method 1613B. Routine turn-around time was provided for this work.

This work was authorized under your Subcontract Order # SDG0001.

Continuing Calibration Verification (CCV) Requirements
All associated calibration verification standard(s) (CCV) met the acceptance criteria.

The report consists of a Cover Letter, Sample Inventory (Section I), Data Summary (Section II), Sample Tracking (Section VI), and Qualifiers/Abbreviations (Section VII). Raw Data (Section III), Continuing Calibration (Section IV), and Initial Calibration (Section V) are available in a full report (.pdf format) upon request.

If you have any questions regarding this report, please feel free to contact me at (916)932-5011.

Sincerely,

James M. Hedin
Director of Operations/CEO
jhedin@ceres-lab.com

Section I: Sample Inventory

Ceres Sample ID:	Sample ID	Date Received	Collection Date	&Time
13680-001	WTP - Raw SDG0001-01	7/2/2020	7/1/2020	8:30

Section II: Data Summary

CERES Analytical Laboratory, Inc.
4919 Windplay Dr. Suite 1, El Dorado Hills, CA 95762

EPA Method 1613B

Quality Assurance Sample **Method Blank**	**QC Batch #:** 2207	**Date Received:** NA
	Matrix: Drinking Water	**Date Extracted:** 7/9/2020
Project ID: SDG0001	**Sample Size:** 1.000 L	**ZB-5MS Analysis:** 7/9/2020

Analyte	Conc. (pg/L)	MDL	RL	Qual.	Labeled Standards	% R	LCL-UCL (a)	Qualifiers
2,3,7,8-TCDD	DL= 4.52	0.772	5.00		13C-2378-TCDD	81.5	31-137	
					CRS			
					37Cl4-2378-TCDD	72.3	35-197	

DL - Signifies Non-Detect (ND) at sample specific detection limit.
EMPC - Estimated Maximum Possible Concentration due to ion abundance ratio failure.
(a) - Lower control limit - Upper control limit

Analyst: JMH **Reviewed by: BS**

CERES Analytical Laboratory, Inc.
4919 Windplay Dr. Suite 1, El Dorado Hills, CA 95762

EPA Method 1613B

Quality Assurance Sample **Ongoing Precision and Recovery**		**Date Received:** NA
	QC Batch #: 2207	**Date Extracted:** 7/9/2020
	Matrix: Drinking Water	**ZB-5MS Analysis:** 7/9/2020
Project ID: SDG0001	**Sample Size:** 1.000 L	

Analyte	Conc. (ng/mL)	Limits (a)	Labeled Standards	% Rec.	Limits (a)
2,3,7,8-TCDD	8.27	7.3-14.6	13C-2378-TCDD	81.4	25-141
			CRS		
			37Cl4-2378-TCDD	77.5	37-158

(a) Limits based on method acceptance criteria.

Analyst: JMH **Reviewed by: BS**

CERES Analytical Laboratory, Inc.
4919 Windplay Dr. Suite 1, El Dorado Hills, CA 95762

EPA Method 1613B

Client Sample ID: WTP - Raw SDG0001-01		
Project ID: SDG0001	**Ceres Sample ID:** 13680-001	**Date Received:** 7/2/2020
	QC Batch #: 2207	**Date Extracted:** 7/9/2020
Date Collected: 7/1/2020	**Matrix:** Drinking Water	**ZB-5MS Analysis:** 7/9/2020
Time Collected: 8:30	**Sample Size:** 1.002 L	

Analyte	Conc. (pg/L)	MDL	RL	Qual.	Labeled Standards	% R	LCL-UCL (a)	Qualifiers
2,3,7,8-TCDD	DL= 1.63	0.772	4.99		13C-2378-TCDD	85.3	31-137	
					CRS			
					37Cl4-2378-TCDD	99.8	42-164	

DL - Signifies Non-Detect (ND) at sample specific detection limit.
EMPC - Estimated Maximum Possible Concentration due to ion abundance ratio failure.
(a) - Lower control limit - Upper control limit

Analyst: JMH **Reviewed by: BS**

Section VI: Sample Tracking

BSK ASSOCIATES

SUBCONTRACT ORDER

SDG0001

SENDING LABORATORY:

BSK Associates Sacramento
3140 Gold Camp Drive #160
Rancho Cordova, CA 95670
Phone: 916-853-9293
Fax: 916.853.9297
Project Manager: Jaime Lee LaFave
E-mail: jlafave@bskassociates.com

RECEIVING LABORATORY:

Ceres Analytical Laboratory, Inc
4919 Windplay Drive, Suite 1
El Dorado Hills, CA 95762
Phone :(916) 932-5011
Fax: -
Turnaround (Days): Standard
QC Deliverables: I Std III IV

Sample ID	Samp Desc			Comments		Sample Date
SDG0001-01	**WTP - Raw**			**Client Matrix**	Water	**07/01/2020 08:30**
Lab Matrix:	Water	**System Number:**	3410014-001			
	Analysis:					
	EXT-Dioxin-DW matrix, EPA 1613 2,3,7,8-TCDD			Shipped by BSK- Sac, 7/1/2020		

State Forms: **Yes**

System Name: Folsom Main Employer:

User ID: TEN Sampler: Bryan Farley

Released By	Date	Received By	Date
Julia James Manager	7/2/2020		7/2/20 0958
Released By	Date	Received By	Date

Sample Receipt Check List Logged by: JK (initials)

Ceres ID: 13680	Date/Time: 7/2/20 09:58
Client Project ID: SD60001	Received Temp: 4.8 °C Acceptable: (Y) / N
Chain of Custody Relinquished by signed?	(Y) / N
Chain of Custody Received by signed?	(Y) / N
Custody Seals? Present?	Y / N
Intact?	Y / N
NA:	(NA)
Unlabeled / Illegible Samples	Y / (N)
Proper Containers:	(Y) / N
Preservation Acceptable (Chemical or Temperature)?	(Y) / N
Drinking Water, Sodium Thiosulfate present?	Y / (N) / NA
Residual Cl?	Y / (N)
Aqueous sample pH: 7	

List COC discrepancies:

JK 7/2/20

List Damaged Samples:

JK 7/2/20

Section VII: Qualifiers/Abbreviations

J	Concentration found below the lower quantitation limit but greater than zero.
B	Analyte present in the associated Method Blank.
E	Concentration found exceeds the Calibration range of the HRGC/HRMS.
D	This analyte concentration was calculated from a dilution.
X	The concentration found is the estimated maximum possible concentration due to chlorinated diphenyl ethers present in the sample.
H	Recovery limits exceeded. See cover letter.
*****	Results taken from dilution.
I	Interference. See cover letter.
Conc.	Concentration Found
DL	Calculated Detection Limit
ND	Non-Detect
% Rec.	Percent Recovery

ORGANIC CHEMICAL ANALYSIS (9/99)

Date of Report: 20/07/13 Sample ID No.

Laboratory Signature Lab
Name: CERES ANALYTICAL LABORATORY Director:

Name of Sampler:B Farley Employed By:

Date/Time Sample Collected:20/07/01/0830	Date/Time Sample Received @ Lab:20/07/02/0958	Date Analyses Completed:20/07/09

System Name:FOLSOM, CITY OF - MAIN

System Number: 3410014

Name or Number of Sample Source:FOLSOM LAKE

* User ID: TEN Station Number: 3410014-001 *

* Date/Time of Sample: |20|07|01|0830| Laboratory Code: 1228 *

* YY MM DD TTTT YY MM DD *

* Date Analysis completed: |20|07|09| *

* Submitted by: Ceres Analytical Phone #: 916-932-5011 *

Page 1 of 1 REGULATED ORGANIC CHEMICALS

TEST METHOD	CHEMICAL ALL CHEMICALS REPORTED ug/L	ENTRY #	ANALYSES RESULTS	MCL ug/L	DLR ug/L
E1613	2,3,7,8-TCDD (Dioxin) Units=picogram/L	34676	ND	30	5.00

LA Testing
520 Mission Street South Pasadena, CA 91030
Phone/Fax: (323) 254-9960 / (323) 254-9982
http://www.LATesting.com / pasadenalab@latesting.com

LA Testing Order ID: 322011778
Customer ID: 32BSK50
Customer PO:
Project ID:

Attn: Jaime LaFave
BSK Analytical Laboratories
1414 Stanislaus Street
Fresno, CA 93706

Phone: (559) 497-2888
Fax:
Received: 07/02/2020
Analyzed: 07/11/2020

Proj: SDG0001

Test Report: Determination of Asbestos Structures >10µm in Drinking Water Performed by the 100.2 Method (EPA 600/R-94/134)

Sample ID / Client / EMSL	Sample Filtration Date/Time	Original Sample Vol. Filtered (ml)	Effective Filter Area (mm²)	Area Analyzed (mm²)	ASBESTOS: Asbestos Types	Fibers Detected	Analytical Sensitivity	Concentration	Confidence Limits
								MFL (million fibers per liter)	
SDG0001-01 322011778-0001	7/2/2020 05:15 PM	30	1288	0.2176	None Detected	ND	0.20	<0.20	0.00 - 0.73
Collection Date/Time:	*07/01/2020 08:30 AM*								
SDG0001-02 322011778-0002	7/2/2020 05:15 PM	100	1288	0.0640	None Detected	ND	0.20	<0.20	0.00 - 0.74
Collection Date/Time:	*07/01/2020 08:20 AM*								
SDG0001-03 322011778-0003	7/2/2020 05:15 PM	100	1288	0.0640	None Detected	ND	0.20	<0.20	0.00 - 0.74
Collection Date/Time:	*07/01/2020 08:45 AM*								

Analyst(s)
Sherrie Ahmad (3)

Jerry Drapala Ph.D, Laboratory Manager
or Other Approved Signatory

Any questions please contact Jerry Drapala.

Initial report from: 07/14/2020 06:47:43

Samples analyzed by LA Testing South Pasadena, CA CA ELAP 2283

BSK ASSOCIATES

SUBCONTRACT ORDER

SDG0001 **#322011778**

SENDING LABORATORY:

BSK Associates Sacramento
3140 Gold Camp Drive #160
Rancho Cordova, CA 95670
Phone: 916-853-9293
Fax: 916.853.9297
Project Manager: Jaime Lee LaFave
E-mail: jlafave@bskassociates.com

RECEIVING LABORATORY:

L A Testing
520 Mission St.
South Pasadena, CA 91030
Phone :(800) 303-0047
Fax: (323) 254-9982
Turnaround (Days): Standard
QC Deliverables: I Std III IV

Sample ID	Samp Desc	Comments	Sample Date
SDG0001-01	**WTP - Raw**	**Client Matrix** Water	**07/01/2020 08:30**
Lab Matrix:	Water **System Number:** 3410014-001		
	Analysis: EXT-Asbestos, Drinking Water by EPA 100.2	Shipped by BSK- Sac, 7/1/2020	
SDG0001-02	**FO2-1 (Flower Drive)**	**Client Matrix** Drinking Water	**07/01/2020 08:20**
Lab Matrix:	Water		
	Analysis: EXT-Asbestos, Drinking Water by EPA 100.2		
SDG0001-03	**AO2-1 (Hillswood Drive)**	**Client Matrix** Drinking Water	**07/01/2020 08:45**
Lab Matrix:	Water		
	Analysis: EXT-Asbestos, Drinking Water by EPA 100.2		

System Name: Folsom Main

User ID: TEN

Sampler: Bryan Farley

Temp 0.8°C

Kyle Land KL 7/1 7/1/2020 R. Pelucci 7/2/20 4pm

Released By Date Received By Date

Released By Date Received By Date

GENERAL MINERAL & PHYSICAL & INORGANIC ANALYSIS (9/99)

Date of Report: 20/07/14 Sample ID No.SDG0001-01

Laboratory Name: LA TESTING Signature Lab Director:

Name of Sampler:BRYAN FARLEY Employed By: NOT PROVIDED

Date/Time Sample Collected:20/07/01/0830 | Date/Time Sample Received @ Lab:20/07/02/1600 | Date Analyses Completed:20/07/11

System Name:FOLSOM, CITY OF - MAIN | System Number: 3410014

Name or Number of Sample Source:FOLSOM LAKE

* User ID: TEN Station Number: 3410014-001 *

* Date/Time of Sample: |20|07|01|0830| YY MM DD TTTT Laboratory Code: 2283 YY MM DD *

* Date Analysis completed: |20|07|11| *

* Submitted by:_____ Phone #:_____ *

ADDITIONAL ANALYSES

MCL	REPORTING UNITS	CHEMICAL	ENTRY #	ANALYSES RESULTS	DLR
7	MFL	Asbestos (MFL)	81855	ND	0.20

\+ Indicates Secondary Drinking Water Standards

Laboratory comments and description of any additional components found:

LA TESTING# 322011778

BSK ANALYTICAL# SDG001