



**SELMA - KINGSBURG - FOWLER
COUNTY SANITATION DISTRICT**

DIRECTORS
Judith G. Case, Chairwoman
David Cárdenas, Vice-Chairman
Henry Perea
Michael Derr
David Karstetter

STAFF
Ben Muñoz, Jr., General Manager

March 4, 2013

**2012
PRETREATMENT PROGRAM
ANNUAL REPORT**

RECEIVED

MAR 19 2013

RWQCB-CVR
FRESNO, CALIF.

Agency Name: SELMA-KINGSBURG-FOWLER COUNTY SANITATION DISTRICT

Period Covered by This Report: January 1, 2012 - December 31, 2012

Wastewater Discharge Requirements: Order No. 5-01-255 BVV7-2A

**Person to Contact Concerning
Information Contained in This Report:** Name: Karen Steinhauer Title: Laboratory Director

Mailing Address:
P.O. Box 158
Kingsburg, CA 93631-0158
Phone: (559) 897-6500

Street Address:
11301 E. Conejo Ave.
Kingsburg, CA 93631-9511
Fax: (559) 897-1985

"I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment."

Laboratory Director Karen Steinhauer Date: 3/13/2013

General Manager Ben Muñoz Jr. Date: 3-15-13



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March 4, 2013

Pretreatment Compliance Unit
California Regional Water Quality Control Board
Central Valley Region
1685 E Street
Fresno, CA 93706-2020

**SUBJECT: 2012 Pretreatment Program Annual Report
Order No. 5-01-255
BVV7-2A**

Enclosed is the S-K-F CSD 2012 Pretreatment Program Annual Report. This report addresses monitoring and enforcement activities conducted during 2012.

There were no instances of pass-through or interference in 2012 (see Section II. UPSET, INTERFERENCE, OR PASS-THROUGH INCIDENTS). No significant industrial users (SIUs) were in significant non-compliance with pretreatment requirements in 2012. All violations were less serious violations, and the District responded to all violations in accordance with District Resolution 92007 guidelines (see Section VI. COMPLIANCE AND ENFORCEMENT ACTIVITIES for further details). All SIUs (significant industrial users) were inspected in 2012, and all are operating under current, un-expired permits. There were no significant changes to the District's pretreatment program in 2012.

On January 13, 2010 a representative of Tetra Tech Inc., Mr. Chuck Durham, accompanied by Mr. Byron Ross conducted a Pretreatment Compliance Inspection (PCI) of the District's pretreatment program. The District received a written report December 13, 2011 of the PCI's findings. The District responded in a timely manner upon receipt of the PCI Report by the January 27, 2012 deadline. On December 14 and 15, 2011, a PCI was performed by Ms. Sarah Look and Mr. Danny O' Connell of PG Environmental, LLC. The District responded in a timely manner upon receipt of the PCI Report by the December 15, 2012 deadline. If you have any questions regarding the report, or if you require further information, please contact me at (559) 897-6500 ext. 222.

Sincerely,
SELMA-KINGSBURG-FOWLER
COUNTY SANITATION DISTRICT

Karen C. Steinhauer
Karen C. Steinhauer
Laboratory Director
Enclosure
cc: SWRCB
EPA Region IX

MONITORING REPORT REVIEW

Engineer _____

Compliance _____
Yes no

Date Reviewed _____

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I. SUMMARY OF ANALYTICAL RESULTS

Annual pretreatment report requirements include “a summary of analytical results from representative, flow-proportioned 24-hour composite sampling of the POTW’s influent and effluent for those pollutants EPA has identified under Section 307(a) of the Act which are known or suspected to be discharged by industrial users.” For several years, the District complied with this requirement by conducting annual priority pollutant scans of influent, effluent, and aerobic sludge. Annual priority pollutant scans were subsequently incorporated into the District’s new Waste Discharge Requirements, established in 2001. District laboratory personnel sample the influent, effluent, and aerobic sludge in accordance with procedures described in 40 CFR 136 and EPA’s Handbook for Sampling and Sample Preservation of Water and Wastewater.

2012 priority pollutant analyses were conducted in accordance with approved procedures (40 CFR 136) by BSK Analytical Laboratories Inc. in Fresno, CA or subcontractors of BSK. The 2012 priority pollutant scans did not include asbestos or 2378-TCDD dioxin because these were included most recently in the 2005 priority pollutant scans. In 2005, 2378-TCDD dioxin was not detected in the influent, effluent, or sludge, and asbestos was not detected in the influent or effluent, but was detected in the sludge at the detection limit of 7.60 MFL. The 2012 analytical reports from BSK are available upon request, but are not included because of the voluminous nature of the reports.

In addition to the annual priority pollutant scans of influent, effluent, and sludge, the District completed an in-depth BPTC (best practicable treatment and control) study in 2004. This study was, in summary, a thorough study of influent, effluent, and source water for Title 22 constituents. The results of this study are not included in this report, but were submitted to the Regional Board for review and comment in 2004. Upon review and comment by the Regional Board, the findings of the BPTC study may result in development of revised industrial discharge limitations at a later date.

I have included the following results from the 2012 priority pollutant analyses:

METALS

Metals concentrations remain low in the influent, effluent, and sludge (biosolids).

Influent --	Copper (21 µg/L) Zinc (140 µg/L)
Effluent --	Copper (14 µg/L) Zinc (76 µg/L)
Biosolids--	Arsenic (170 µg/L) Cadmium (19 µg/L) Chromium (530 µg/L) Copper (4800 µg/L) Lead (280 µg/L) Mercury (10 µg/L) Molybdenum (130 µg/L) Nickel (320 µg/L) Selenium (71 µg/L) Zinc (11,000 µg/L)

The results of biosolids monitoring (see also Section X, Biosolids Disposal) demonstrate that District biosolids metals concentrations remain below the Table 3 Pollutant Concentrations of 40 CFR 503.13.

ORGANICS

Organic constituents were below detection limits except as noted below.

Influent – Acetone (31 µg/L) Chloroform (3.7 µg/L)
Toluene (1.0 µg/L) Phenol (39 µg/L)

Effluent – Bromodichloromethane (0.74 µg/L) Chloroform (7.6 µg/L) Toluene (1.9 µg/L)

Biosolids – Phenol (30 µg/L)

II. UPSET, INTERFERENCE, OR PASS-THROUGH INCIDENTS

During calendar year 2012, there were no upset, interference, or pass-through incidents that the discharger (S-K-F CSD) knows or suspects were caused by industrial users of the wastewater treatment system. See Table I Upset, Interference, or Pass-Through Incidents.

TABLE I

UPSET, INTERFERENCE, OR PASS-THROUGH INCIDENTS 2012

<u>NAME, ADDRESS</u>	<u>TYPE OF INCIDENT</u>	<u>FREQUENCY</u>	<u>EXPLANATION OF INCIDENT</u>	<u>CORRECTIVE ACTIONS TAKEN</u>	<u>CHANGES IN LIMITS NECESSARY</u>
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*No instances of upset, interference or pass-through during 2012

III. BASELINE MONITORING REPORTS (BMR's)

A. KES Kingsburg, L.P.

P.O. Box 217
11765 Mountain View
Kingsburg, CA 93631

Formerly named Kenetech Facilities Management, Inc., KES Kingsburg, L.P. was under construction in 1990 and did not commence discharge until December 28, 1990. This facility is a steam production/power generation facility subject to 40 CFR 423 PSNS.

At least ninety (90) days prior to discharge, Kenetech submitted the following information, in accordance with 40 CFR 403.12(b):

1. Identifying information;
2. Permits;
3. Description of operations;
4. Flow estimates;
5. Estimates of pollutant concentrations.

Within ninety (90) days after commencement of discharge, Kenetech also submitted:

1. Measurement of pollutants;
2. Measurement of flow;
3. Certification of compliance with applicable pretreatment standards.

KES Kingsburg, L.P. continues to operate and maintain the steam production/power generation facility subject to 40 CFR 423 PSNS in Kingsburg, CA.

KES update 2012:

Beginning approximately November 2011, KES entered into contract with PG&E as a natural gas fired cogeneration facility "peaking" plant, and that by agreement, KES is allowed to run only up to 2,700 hours per year. KES is currently under a ten year contract.

III. BASELINE MONITORING REPORTS (BMR's) continued

B. UpRight, Inc.

P.O. Box 560
1775 Park St.
Selma, CA 93662

UpRight, Inc. was an existing facility which proposed, in early 1995, to add a powder coating system subject to Metal Finishing Standards (40 CFR 433). At least ninety (90) days prior to discharge, UpRight submitted the following information, in accordance with 40 CFR 403.12(b):

1. Identifying information;
2. Permits;
3. Description of operations;
4. Flow estimates;
5. Estimates of pollutant concentrations.

Within ninety (90) days after commencement of discharge (January 1996), UpRight also submitted:

1. Measurement of pollutants;
2. Measurement of flow;
3. Certification of compliance with applicable pretreatment standards.

In 1999 UpRight, Inc. proposed to add a liquid painting system subject to Metal Finishing Standards (40 CFR 433) in 2000. At least ninety (90) days prior to discharge, UpRight submitted the following information, in accordance with 40 CFR 403.12(b):

1. Identifying information;
2. Permits;
3. Description of operations;
4. Flow estimates;
5. Estimates of pollutant concentrations.

Within ninety (90) days after commencement of discharge (April 2000), UpRight also submitted:

1. Measurement of pollutants;
2. Measurement of flow;
3. Certification of compliance with applicable pretreatment standards.

*UpRight permanently closed its Selma facility and ceased discharge in October 2003.

IV. LIST OF INDUSTRIAL USERS

A current list of industrial users is found on the following pages. The first listed are the permit and inspection status of *significant* industrial users (SIUs), and the next pages list the permit and inspection status of other *non-significant* industrial users. The District's definition of SIU is the same as that found in 40 CFR 403.

There is a change in the number of SIU's from the 2011 list of significant industrial users from nine to eight: Del Monte Foods closed down their operations in September of 2012.

There has been one addition to the non SIU list: Ramos Torres Winery (permit # 453-2012).

There has been one deletion to the non SIU list: Silgan Containers Manuf. Corp. (permit # 384-2010) ceased operations 2012-2013.

PERMIT AND INSPECTION STATUS – SIU's (8)

<u>NAME</u>	<u>NO.</u>	<u>EXPIR.</u>	<u>INSPECTED</u>	<u>CONTACT</u>
Bee Sweet Citrus, Inc. (South Ave) 416 E. South Fowler, CA 93625	436-2012	Mar-2013	Mar-2012	James Sherwood Martin Guzman 834-5345
Boghosian Raisin Packing Co., Inc. P.O. Box 338 726 So. Eighth Fowler, CA 93625	444-2012	Sept-2013	Sept-2012	Tom Cassel Philip Boghosian 834-5348
*Del Monte Foods P.O. Box 7 1101 Marion St. Kingsburg, CA 93631	437-2012	Jul-2013	Jul-2012	Steve Heredia 897-2901 - x213 Norma Talamantes 891-4267
Guardian Industries Corp. 11535 Mountain View Kingsburg, CA 93631	438-2012	May-2013	May-2012	Phil Newell 896-6400
KES Kingsburg, L.P. P.O. Box 217 11765 Mountain View Kingsburg, CA 93631	448-2012	Nov-2013	Nov-2012	Ryan Keefe, Facility Mgr. 891-9040 Fax 891-1089
Lion Dehydrator P.O. Box 1350 9400 So. DeWolf Selma, CA 93662	443-2012	Sept-2013	Sept-2012	Alan Torosian 834-6677 Fax 834-3182
Lion Raisins P.O. Box 1350 9500 So. DeWolf Selma, CA 93662	442-2012	Sept-2013	Sept-2012	Al Lion 834-6677
National Raisin Company P.O. Box 219 626 So. Fifth Fowler, CA 93625	441-2012	Aug-2013	Aug-2012	Ken Bedrosian John Minnazoli 834-5981 Fax 834-1756
Sun Maid Growers 13525 So. Bethel Ave. Kingsburg, CA 93631	446-2012	Oct-2013	Oct-2012	Vaughn Koligian 896-8000

Del Monte Foods has ceased operations in the District as of September/October 2012

**PERMIT AND INSPECTION STATUS –Non-Significant Industrial Users
“Non-SIU”**

<u>NAME</u>	<u>NO.</u>	<u>EXP.</u>	<u>INSP.</u>	<u>CONTACT</u>
American Raisin Packers, Inc. P.O. Box 30 2335 Chandler Selma, CA 93662	440-2011	Aug-2013	Aug-2011	John Paboojian Terry Bertrand Tony Braga (559)896-4760
Daniels Sharpsmart 4144 E. Therese Ave. Fowler, CA 93625	435-2011	Feb-2013	Feb-2011	Jaime Flores Plant Mgr. (559)834-6252, #103 Alan Larosee Director of Compliance (312) 546-8925
9 th Street Cheese (prev.El Paisano) 128 N. 9th St. Fowler, CA 93625	422-2011	Apr-2014	Feb-2011	Bill Boersma 559 805-5445 Office 559 834-3222 Dave(sales) Ron (pasteurization)
Foster Commodities 1010 18th St. Kingsburg, CA 93631	421-2012	Mar-2014	Mar-2012	Joel Sparks (559)897-1081
Fowler Dehydrator P.O. Box 338 726 So. Eighth Fowler, CA 93625	445-2011	Sep-2013	Sep-2011	Tom Cassel Philip Boghosian (559)834-5348
Fresno Valves and Castings, Inc. P.O. Box 40 7736 E. Springfield Selma, CA 93662	408-2011 No process discharge	May-2014	May-2011	Jeff Showalter Leigh Omer (559)834-2511
(previously Longs Drug Store No. 428) CVS/ Pharmacy #9983 929 Sierra St. Kingsburg, CA 93631	399-2010	Oct-2014 Photo permit only	Oct-2010	Wendy Brant Environmental Mgr. (401) 770-7457 Jerrold Heathman Site Mgr (559) 897-0116
Maple Leaf Farms 1775 Park St. Selma, CA 93662	452-2012	Aug-2013	Aug. 2012	Brian L. Lee 559 333-1872

**PERMIT AND INSPECTION STATUS –Non-Significant Industrial Users
“Non-SIU”**

<u>NAME</u>	<u>NO.</u>	<u>EXP.</u>	<u>INSP.</u>	<u>CONTACT</u>
Frank C. Alegre Trucking, Inc. DBA Ninety-Nine Tank Wash 502 So. Eighth Fowler, CA 93625	449-2012	Dec-2015	Dec-2012	Carlos Contreras (559)834-5402
PHX 2581 S. Golden State Blvd. Fowler, CA 93727	450-2011	June 2013	June 2011	Chris Cortez (559) 341-0284
Quinn Company P.O. Box 12625, Fresno CA 93778 10273 Golden State Blvd. Selma, CA 93662	425-2011 No process discharge	May-2014	May-2011	Todd Brown 562-463-4041
Ramos Torres Winery 1665 Simpson St. Kingsburg, CA 93631	453-2012	July 2013	May 2012	Oscar Ramos (559) 930-4874 Maria Cruz 559 419-9159
Silgan Containers Manuf. Corp. P.O. Box 10 Marion and Gilroy Streets Kingsburg, CA 93631-0010	384-2010 No process discharge	Jan-2014 Non operational as of 2013	Jan-2010	Matt Schimandle 897-5891
Simonian Fruit Co. P.O. Box 340 350 No. Seventh Fowler, CA 93625	439-2011	May-2013	May-2011	Brett Davies 834-5921
Sun Maid Growers (Nebraska Ave.) 1445 Nebraska Ave. Selma, CA 93662	447-2011	Oct-2013	Oct-2011	Vaughn Koligian Sun Maid

**PERMIT AND INSPECTION STATUS –Non-Significant Industrial Users
“Non-SIU”**

<u>NAME</u>	<u>NO.</u>	<u>EXP.</u>	<u>INSP.</u>	<u>CONTACT</u>
Walgreens #9815 988 Sierra St. Kingsburg, CA 93631	410-2012	July - 2017 Photo permit only	*na	Christy Ousset 897-0116 Ryan Kamenicky 847 315-2297
Walgreens #12337 2795 Floral Ave. Selma, CA 93662	454-2012	July -2017 Photo permit only	*na	Meenakshi Devi 891-9823 Ryan Kamenicky 847 315-2297
Waste Management 4333 E. Jefferson Fresno, CA 93725	423-2012 No process discharge	Apr-2016	Apr-2012	Jeff Rose District Fleet Mgr. 834-1167
Xtreme Manufacturing, LLC 1775 Park Street # 82 Selma, CA 93662	419-2011 No process discharge	Feb-2014	Feb-2011	Bill Haltom 891-2978

*Permit for photo unit as per District policy only

V. INSPECTION AND SAMPLING ACTIVITIES

Significant industrial users (SIUs) are sampled for both revenue and compliance. Revenue sampling is generally done at least once per week (BOD and SS) during processing season. Compliance sampling is routinely done quarterly (sometimes more frequently for seasonal dischargers). The frequency is increased if any compliance-sampling event indicates non-compliance. All compliance sampling is unannounced.

All SIUs are inspected annually, generally, immediately prior to permit renewal. Additional inspections may be conducted in response to spills, violations, complaints, or compliance schedules. All SIUs were inspected at least once during 2012 (see Section IV. LIST OF INDUSTRIAL USERS, Permit and Inspection Status). Other industrial users are inspected and sampled as necessary to ensure compliance with applicable pretreatment requirements.

See also Section VI. COMPLIANCE AND ENFORCEMENT ACTIVITIES

VI. COMPLIANCE AND ENFORCEMENT ACTIVITIES

There was 1 violation of the local discharge limit for pH by a significant industrial user (Boghosian Raisin) sampled for compliance by District personnel in 2012. The industry was subsequently checked and was in compliance.

Quarterly compliance checks for E.C. resulted in 3 violations of the local discharge limit for E.C. (electrical conductivity) by significant industrial users during 2012. Subsequent monitoring showed compliance.

The District has one categorical user, KES Kingsburg, L.P., which submits required semi-annual compliance reports. The KES Kingsburg, L.P. reports demonstrate consistent compliance with 40 CFR 423 PSNS (Steam Electric Power Generating Point Source Category).

Please see also in this section Table II Monitoring and Enforcement Status Report, 2012, SIU Compliance Summaries for E.C. and pH, and KES Kingsburg, L.P. semi-annual compliance reports.

2012 SIU COMPLIANCE SUMMARY – pH (LIMIT = 6.0 - 9.0)

INDUSTRY	1 Q 2012			2 Q 2012			3 Q 2012			4 Q 2012			# QTRRS IN VIOLATION	SNC?
	JAN	FEB	MAR	APR	MAY	JUN	JULY	AUG	SEPT	OCT	NOV	DEC		
BEE SWEET	8.18			7.54			6.55			*	7.22	8.30		
BOGHOSIAN	*	6.25		*	*	6.53	6.80			3.85	6.27	6.31	1	NO
DL MONTE FOODS	*	*	*	*	*	*	*	6.84		Del Monte has ceased operations				
GUARDIAN IND	*	*	7.16	*	7.52		*	*	**	*	7.41	*		
KES	*	*	*	*	7.95		*	*	**	*	*	*		
KINGSBURG														
LION DEHYD	*	*	*	*	*	*	*	*	**	*	*	*		
LION RAISINS	*	*	*	*	*	*	*	*	**	*	*	*		
NATIONAL	6.63			*	*	7.02	6.52			6.80				
SUN MAID	*	*	6.48	*	*	*	*	*	**	*	7.02	6.70		

* Not processing or not discharging to S-K-F at time of site-visit

** Field pH meter out of service

TABLE II

MONITORING AND ENFORCEMENT STATUS REPORT

INDUSTRIAL USER	pH check			pH	Notification Phone (p) Email (E) Verbal (V)	CONCLUSIONS ND RESULTS
	Insp.	Planned	Attempted			
Bee Sweet Citrus	1	4	6	5	No violations	NOV 0
Boghosian Raisin	1	4	6	6	1 violation	V 0
Del Monte Foods	1	2	2	1	No violations	0
Guardian Industries	1	4	3	3	No violations	0
KES Kingsburg, LP	1	4	3	1	No violations	0
Lion Dehydrator	1	2	2	0	No violation	0
Lion Raisins	1	4	3	0	No violations	0
National Raisin	1	4	4	4	No violations	0
Sun Maid Growers	1	4	4	3	No violations	0

2012 SIU COMPLIANCE SUMMARY – E.C. (LIMIT = 1650 µmhos/cm)

INDUSTRY	1 Q 2012			2 Q 2012			3 Q 2012			4 Q 2012			# QRTS IN VIOLATION	SNC?
	JAN	FEB	MAR	APR	MAY	JUN	JULY	AUG	SEPT	OCT	NOV	DEC		
BEE SWEET	604			519			702			641				
BOGHOSIAN	1487			1397			1695/1271			1387			1	NO
DL MONTE FOODS	*	*	*	*	*	*	821			*	*	*		
GUARDIAN IND	1863/739	889/819	368/457	375			475			1385			1	
KES KINGSBURG	656			897			1106			1292				
LION DEHYD	1876**	2020**	*	572			811			10,000/502/618/583	549		1	
LION RAISINS	553			712			703			516				
NATIONAL	886			1151			482			719				
SUN MAID	912			919			1282			586				

** industry did not discharge 10,000/ day or 300,000 gal/mo.: EC limit does not apply

*Not processing or not discharging to S-K- F at time of site-visit

KES Kingsburg, L.P. Semi-annual Compliance Reports

Report dated July 21, 2012

Report dated January 16, 2013

KES Kingsburg L.P.

PO BOX 217
11765 Mountain View
Kingsburg, CA 93631
(559) 891-9040 Phone
(559) 891-1089 Fax

July 21, 2012

Karen Steinhauer, Lab Director
Selma - Kingsburg - Fowler County Sanitation District
P. O. Box 158
11301 East Conejo Avenue
Kingsburg, CA 93631-0158

Karen Steinhauer:

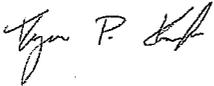
As required by District Permit 448-2011 issued to KES Kingsburg, L. P. located at 11765 Mountain View Road in Kingsburg, California, enclosed are the laboratory results for zinc and chromium analyses performed on water samples from the site's Cooling Tower.

Discharge amounts for the reporting period are also provided.

Certification statements as required are also included.

Please do not hesitate to call me at (559) 891-9040 if you have any questions or comments concerning this correspondence.

Sincerely,



Ryan Keefe
Facility Manager
KES-Kingsburg L. P.

cc: J. Wolf/PE Kingsburg, LLC
Kingsburg plant files

KES Kingsburg L.P.

PO BOX 217
11765 Mountain View
Kingsburg, CA 93631
(559) 891-9040 Phone
(559) 891-1089 Fax

KES KINGSBURG, L. P.

SEWER DISCHARGE VOLUMES January – June, 2012

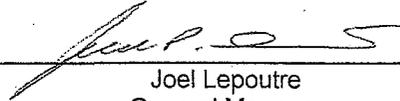
January	2012	341,700 gallons
February	2012	362,600 gallons
March	2012	19,700 gallons
April	2012	302,500 gallons
May	2012	288,500 gallons
June	2012	1,494,900 gallons

KES Kingsburg L.P.

PO BOX 217
11765 Mountain View
Kingsburg, CA 93631
(559) 891-9040 Phone
(559) 891-1089 Fax

CERTIFICATION

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



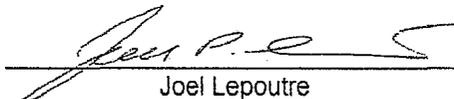
Joel Lepoutre
General Manager
KES-Kingsburg L. P.

July 17, 2012

Date

CERTIFICATION

I certify under penalty of law that KES Kingsburg L. P. continues to comply with Permit Special Condition #4 and that no changes in operations have been made that could change the result of the engineering calculations demonstrating said compliance. Based on my inquiry of the person or persons who manage the system, or the persons directly responsible for gathering the information, the information submitted is to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.



Joel Lepoutre
General Manager
KES-Kingsburg L. P.

July 17, 2012

Date



Certificate of Analysis

Ryan Keefe
KES Kingsburg, L.P.
PO Box 217
Kingsburg, CA 93631

Report Issue Date: 07/19/2012 15:31
Received Date: 07/19/2012
Received Time: 08:25

Lab Sample ID: A2G1646-01
Sample Date: 07/17/2012
Sample Type: Composite

Client Project: Zinc & Chromium Sample
Sampled by: Mike McCollough
Matrix: Waste Water

Sample Description: Cooling Tower Blowdown

Metals

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Chromium	EPA 200.8	24	10	ug/L	1	A207743	07/19/12	07/19/12	
Zinc	EPA 200.8	ND	50	ug/L	1	A207743	07/19/12	07/19/12	

KES Kingsburg L.P.

PO BOX 217
11765 Mountain View
Kingsburg, CA 93631
(559) 891-9040 Phone
(559) 891-1089 Fax

January 16, 2013

Karen Steinhauer, Lab Director
Selma - Kingsburg - Fowler County Sanitation District
P. O. Box 158
11301 East Conejo Avenue
Kingsburg, CA 93631-0158

Karen Steinhauer:

As required by District Permit 448-2012 issued to KES Kingsburg, L. P. located at 11765 Mountain View Road in Kingsburg, California, enclosed are the laboratory results for zinc and chromium analyses performed on water samples from the site's Cooling Tower.

Discharge amounts for the reporting period are also provided.

Certification statements as required are also included.

Please do not hesitate to call me at (559) 891-9040 if you have any questions or comments concerning this correspondence.

Sincerely,



Ryan Keefe
Facility Manager
KES-Kingsburg L. P.

cc: J. Wolf/PE Kingsburg, LLC
Kingsburg plant files

KES Kingsburg L.P.

PO BOX 217
11765 Mountain View
Kingsburg, CA 93631
(559) 891-9040 Phone
(559) 891-1089 Fax

KES KINGSBURG, L. P.

SEWER DISCHARGE VOLUMES July – December, 2012

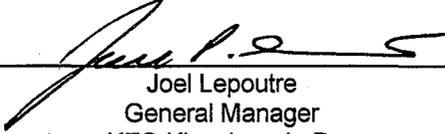
July	2012	1,073,700 gallons
August	2012	1,304,800 gallons
September	2012	698,900 gallons
October	2012	1,379,300 gallons
November	2012	72,700 gallons
December	2012	109,900 gallons

KES Kingsburg L.P.

PO BOX 217
11765 Mountain View
Kingsburg, CA 93631
(559) 891-9040 Phone
(559) 891-1089 Fax

CERTIFICATION

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

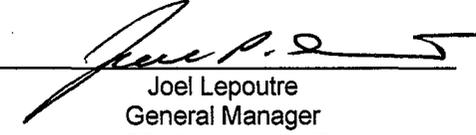

Joel Lepoutre
General Manager
KES-Kingsburg L. P.

January 13, 2013

Date

CERTIFICATION

I certify under penalty of law that KES Kingsburg L. P. continues to comply with Permit Special Condition #4 and that no changes in operations have been made that could change the result of the engineering calculations demonstrating said compliance. Based on my inquiry of the person or persons who manage the system, or the persons directly responsible for gathering the information, the information submitted is to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.


Joel Lepoutre
General Manager
KES-Kingsburg L. P.

January 13, 2013

Date



A2L1220

12/30/2012

Ryan Keefe
KES Kingsburg, L.P.
PO Box 217
Kingsburg, CA 93631

Dear Ryan Keefe,

Thank you for selecting BSK Associates for your analytical testing needs. We have prepared this report in response to your request for analytical services. Enclosed are the results of analyses for samples received by the laboratory on 12/14/2012 14:37.

If additional clarification of any information is required, please contact your Client Services Representative, Renea Rangell at (800) 877-8310 or (559) 497-2888.

BSK ASSOCIATES

A handwritten signature in cursive script that reads "Renea Rangell".

Renea Rangell
Client Services Manager



12/30/2012

Case Narrative

Work Order Information

Client Name: KES Kingsburg, L.P.	Submitted by: Client
Client Code: KESKI9040	Shipped by: Walk-In
Work Order: A2L1220	COC Number:
Project: General Chemistry	TAT: 10
Client Project: SKF Zinc + Chromium Sample	PO #:

Sample Receipt Conditions

Cooler: Default Cooler	Temp. °C: 13.0
Containers Intact	
COC/Labels Agree	
Received On Blue Ice	
Packing Material - Other	
Initial receipt at BSK-FAL	

Report Manager

Sloan Mambrini
Ryan Keefe

Report Format

Final.rpt
Final.rpt



Certificate of Analysis

Ryan Keefe
KES Kingsburg, L.P.
PO Box 217
Kingsburg, CA 93631

Report Issue Date: 12/30/2012 17:52
Received Date: 12/14/2012
Received Time: 14:37

Lab Sample ID: A2L1220-01
Sample Date: 12/13/2012
Sample Type: Composite

Client Project: SKF Zinc + Chromium Sample
Sampled by: Dustin Johnson
Matrix: Waste Water

Sample Description: Cooling Tower Blowdown

Metals

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Chromium	EPA 200.8	20	10	ug/L	1	A214226	12/19/12	12/28/12	
Zinc	EPA 200.8	210	50	ug/L	1	A214226	12/19/12	12/28/12	



Metals Quality Control Report

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	Limit	RPD	Limit	Date Analyzed	Qual
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Batch: A214226

Analyst: MAS

Prepared: 12/19/2012

Blank (A214226-BLK1) EPA 200.8 - Quality Control

Chromium	ND	10	ug/L							12/28/12	
Zinc	ND	50	ug/L							12/28/12	

Blank Spike (A214226-BS1) EPA 200.8 - Quality Control

Chromium	190	10	ug/L	200		97	85-115			12/28/12	
Zinc	190	50	ug/L	200		93	85-115			12/28/12	

Blank Spike Dup (A214226-BSD1) EPA 200.8 - Quality Control

Chromium	200	10	ug/L	200		99	85-115	2	20	12/28/12	
Zinc	190	50	ug/L	200		93	85-115	0	20	12/28/12	

Matrix Spike (A214226-MS1) EPA 200.8 - Quality Control

Source: A2L1203-01

Chromium	200	10	ug/L	200	ND	102	70-130			12/28/12	
Zinc	320	50	ug/L	200	130	94	70-130			12/28/12	

Matrix Spike Dup (A214226-MSD1) EPA 200.8 - Quality Control

Source: A2L1203-01

Chromium	200	10	ug/L	200	ND	98	70-130	4	20	12/28/12	
Zinc	310	50	ug/L	200	130	90	70-130	2	20	12/28/12	



Certificate of Analysis

12/30/2012

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 one month from the final report date unless other arrangements are made in advance.
- Sample(s) received, prepared, and analyzed within the method specified criteria unless otherwise noted within this report.
- The results relate only to the samples analyzed in accordance with test(s) requested by the client on the Chain of Custody document. Any analytical quality control exceptions to method criteria that are to be considered when evaluating these results have been flagged and are defined in the data qualifiers section.
- All results are expressed on wet weight basis unless otherwise specified.
- All positive results for EPA Methods 504.1, 502.2, 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.
- Results contained in this analytical report must be reproduced in its entirety.
- Samples collected by BSK Analytical Laboratories were collected in accordance with the BSK Sampling and Collection Standard Operating Procedures.
- BSK Analytical Laboratories certifies that the test results contained in this report meet all requirements of the NELAC Standards for applicable certified drinking water chemistry analyses unless qualified or noted in the Case Narrative.
- Analytical data contained in this report may be used for regulatory purposes to meet the requirements of the Federal or State drinking water, wastewater, and hazardous waste programs.
- 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.
- * - This is not a NELAP accredited analyte.
- 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.
- (2) The digestion used to produce this result deviated from EPA 200.2 by excluding hydrochloric acid in order to produce acceptable recoveries for affected metals.
- (2C) Result reported from secondary analytical column.
- 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.

Certifications:

State of California - CDPH - ELAP	1180
State of California - CDPH - SAC ELAP	2435
State of California - CDPH - NELAP	04227CA
State of Nevada - NDEP	CA000792009A
State of Hawaii - DOH	04227CA

Please refer to our website for a copy of our Accredited Fields of Testing for each certification.

Definitions and Flags for Data Qualifiers

mg/L:	Milligrams/Liter (ppm)	M:	Method Detection Limit	MDA95:	Min. Detected Activity
mg/Kg:	Milligrams/Kilogram (ppm)	RL:	Reporting Limit	MPN:	Most Probable Number
µg/L:	Micrograms/Liter (ppb)	:	:DL x Dilution	CFU:	Colony Forming Unit
µg/Kg:	Micrograms/Kilogram (ppb)	ND:	None Detected at RL	Absent:	Less than 1 CFU/100mLs
%:	Percent Recovered (surrogates)	pCi/L:	Picocuries per Liter	Present:	1 or more CFU/100mLs
		NR:	Non-Reportable	RL Mult:	RL Multiplier

VII. PRETREATMENT PROGRAM CHANGES

There were no major changes in the implementation of the District's pretreatment program in 2012.

A Pretreatment Compliance Inspection (PCI) was conducted January 13, 2010. The District received a report of the 2010 PCI findings in December of 2011. The District responded to any required and recommended actions in January 2012.

The most recent Pretreatment Compliance Inspection (PCI) was conducted in December of 2011. The District responded in a timely manner upon receipt of that PCI report as well.

The District has been modifying permits as required when the permits are renewed and Evaluations for slug discharge control plans are documented. In addition, "Fact Sheets" with pertinent information about each industry have been included in Industrial Files. We are improving the documentation of communication with the industries as well.

Currently, the District is in an agreement with a consultant group to perform a Waste Water Treatment Plant Facilities Plan Update. The scope of the project includes a review of the existing Industrial Pretreatment Program and a recommendation for specific updates to the existing program. The anticipated contract completion date of the update review and any changes will be before December 2013. The District will provide updates on the status of any recommendations or planned changes to the Pretreatment Program in subsequent Quarterly Pretreatment Program reports.

VIII. ANNUAL PRETREATMENT BUDGET

The following page is a breakdown of projected expenditures for implementation of the pretreatment program, taken from the S-K-F CSD Fiscal Plan for Fiscal Year 2012-2013. The total pretreatment program cost allocation for F.Y. 2012-2013 is \$118,000.00, an increase from the pretreatment cost allocation for Fiscal Year 2011-2012 of \$116,500.00.

**SKF CSD Pretreatment Program Cost Allocation
F. Y. 2012-2013**

SELMA-KINGSBURG-FOWLER COUNTY SANITATION DISTRICT
PRETREATMENT PROGRAM COST ALLOCATION (FY 2012-13)

<u>ACCT.</u>	<u>DESCRIPTION</u>		<u>DIV-01</u>	<u>DIV-02</u>	<u>TOTAL</u>
6000	SALARY - NONREP	\$	2,000	\$ 11,000	\$ 13,000
6100	SALARY - BARG UNIT		5,100	38,000	43,100
6400	FICA / MEDICARE		-	200	200
6500	RETIREMENT		600	800	1,400
6600	HEALTH-DENT-LIFE		1,700	10,600	12,300
6700	WORKERS COMP INSURANCE		400	3,300	3,700
7000	UNIFORMS		700	-	700
7010	SAFETY SUPPLIES		400	200	600
7100	GENERAL INSURANCE		8,000	-	8,000
7300	OFFICE SUPPLIES		-	1,600	1,600
7310	OFFICE EQUIPMENT		4,000	500	4,500
7320	INFORMATION SYSTEMS		-	3,000	3,000
7370	BOOKS & PUBLICATIONS		1,000	-	1,000
7380	COMMUNICATIONS		1,400	-	1,400
7400	TRAVEL & TRAINING		1,500	-	1,500
7500	LAB SUPPLIES		1,500	-	1,500
7510	EXTERNAL LAB SERVICES		16,300	-	16,300
7610	MAINTENANCE - AUTO		1,500	-	1,500
7670	FUEL - GASOLINE		2,200	-	2,200
7810	PROF SRVCS - ENGR		500	-	500
			48,800	69,200	118,000
	TOTAL		48,800	69,200	118,000

NOTE: This page is a breakdown of projected expenditures for the implementation of the federally-mandated industrial pretreatment program. These expenditure amounts are accounted for in budgeted amounts on other pages in this budget.

XI. RE-EVALUATION OF LOCAL LIMITS

The District's local limits were last revised in 1992. Analytical data characterizing the influent, effluent, and biosolids (see Section I) do not demonstrate a need for revision of local limits at this time. There were no instances of interference or pass-through. There have been no new sources of discharge that would indicate a necessity to revise the limits. The metals concentrations of District biosolids remain well below the "clean sludge" limits of 40 CFR 503.13 (see Section X. BIOSOLIDS DISPOSAL). Revision of the local limits is therefore not deemed necessary at this time, based on these factors.

The District's Waste Discharge Requirements were revised October 19, 2001 (Order No. 5-01-255). One of the changes included in the new Order is a revised effluent conductivity (E.C.) limit. The effluent E.C. limit was changed from 1,000 $\mu\text{mhos/cm}$ to 500 $\mu\text{mhos/cm}$ over source, presently equivalent to an effluent E.C. limit of 737 $\mu\text{mhos/cm}$ (the calculated 2013 E.C. limit). The District's local limits for E.C. and other constituents will be evaluated as part of the District's BPTC (Best Practicable Treatment and Control) Work Plan, approved by the Regional Board September 9, 2002. The District has proceeded in accordance with the approved Work Plan, and submitted a proposed final list of constituents of concern in 2004. As of this writing (February 2013), the Regional Board has not responded to the proposed final list. Local limits will be evaluated upon review and approval by the Regional Board of the proposed final list of constituents, unless circumstances warrant an earlier re-evaluation.

However, as mentioned in "VII. PRETREATMENT PROGRAM CHANGES", currently, the District is in an agreement with a consultant group to perform a Waste Water Treatment Plant Facilities Plan Update. The scope of the project includes a review of the existing Industrial Pretreatment Program and a recommendation for specific updates to the existing program. Included in the project will be a review, evaluation and recommended changes of the existing Local Limits. We look forward to the completion of the update review and recommendations by December 2013. The District will provide updates on the status of any recommendations or planned changes to the Pretreatment Program in subsequent Quarterly Pretreatment reports.

