



**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

February 27, 2012

**2011
PRETREATMENT PROGRAM
ANNUAL REPORT**

Agency Name: SELMA-KINGSBURG-FOWLER COUNTY SANITATION DISTRICT

Period Covered by This Report: January 1, 2011 - December 31, 2011

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

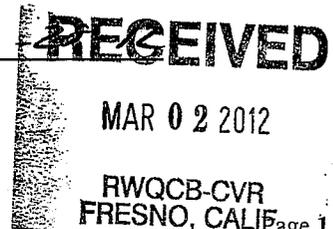
Mailing Address:
P.O. Box 158
Kingsburg, CA 93631-0158
Phone: (559) 897-6500

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 C. Steinhauer Date: 2/28/2012

General Manager Ben Muñoz Jr Date: 2



H:\Bob\word-2012\Pretreatment-reports 2012\2011 annual report.doc

MAILING ADDRESS: P.O. Box 158, Kingsburg, CA 93631-0158 SHIP TO: 11301 E. Conejo Ave., Kingsburg, CA 93631-9511

PHONE (559) 897-6500 FAX (559) 897-1985

website: www.skfcsd.org

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Dale Harvey, Senior Engineer
California Regional Water Quality Control Board
Central Valley Region
1685 E Street
Fresno, CA 93706-2020

**SUBJECT: 2011 Pretreatment Program Annual Report
Order No. 5-01-255
BVV7-2A**

Dear Mr. Harvey:

Enclosed is the S-K-F CSD 2011 Pretreatment Program Annual Report. This report addresses monitoring and enforcement activities conducted during 2011.

There were no instances of pass-through or interference in 2011 (see Section II. UPSET, INTERFERENCE, OR PASS-THROUGH INCIDENTS). No significant industrial users (SIUs) were in significant non-compliance with pretreatment requirements in 2011. 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 2011, and all are operating under current, un-expired permits. There were no significant changes to the District's pretreatment program in 2011.

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. No report has been received as of February 2012.

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



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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.

2011 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 2011 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 2011 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:

METALS

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

Influent -- Chromium (11 µg/L) Copper (53 µg/L) Zinc (140 µg/L)

Effluent -- Copper (6.3 µg/L) Zinc (73 µg/L)

Biosolids-- Antimony (12µg/L) Arsenic (210 µg/L) Cadmium (19 µg/L) Chromium (520 µg/L)
Copper (3700 µg/L) Lead (290 µg/L) Mercury (43 µg/L) Molybdenum (120 µg/L)
Nickel (300 µg/L) Selenium (100 µg/L) Silver (64 µg/L) Zinc (9900 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 (56 µg/L) Chloroform (9.6 µg/L)
Toluene (1.2 µg/L) 3&4-Methylphenol (28 µg/L)
Bis(2-ethylhexyl)phthalate (7.1 µg/L) phenol (5.7 µg/L)

Effluent – Chloroform (0.77 µg/L)

Biosolids – Tetrachloroethene (PCE) (3.1 µg/L) Toluene (7.0µg/L) 3&4-Methylphenol (180 µg/L)

II. UPSET, INTERFERENCE, OR PASS-THROUGH INCIDENTS

During calendar year 2011, 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 2011

<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 2011

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.

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 2010 list of significant industrial users from ten to nine: Simonian Fruit, previously listed as a SIU originally because of an increase in flow discharged to the District, has for the last few years discharged less flow to the District due to operational changes and less processing. The fact that the Industry has indicated that they do not expect to increase flow in the near future has been noted in the Second Quarter Pretreatment Report dated August 5, 2011. .

There have been two additions to the Non SIU list: PHX (permit # 450-2011) and Maple Leaf Farms, Inc. (Permit # 452-2011), and El Paisano, a small cheese-making facility, has been replaced by 9th Street Cheese, also a small cheese- making facility.

PERMIT AND INSPECTION STATUS –Significant Industrial Users
“SIU”

<u>NAME</u>	<u>NO.</u>	<u>EXP.</u>	<u>INSP.</u>	<u>CONTACT</u>
Bee Sweet Citrus, Inc. (South Ave) 416 E. South Fowler, CA 93625	436-2011	Mar-2012	Mar-2011	James Sherwood Martin Guzman 834-5345 MG Cell 240-5194
Boghosian Raisin Packing Co., Inc. P.O. Box 338 726 So. Eighth Fowler, CA 93625	444-2011	Sept-2012	Sep-2011	Tom Cassell Philip Boghosian 834-5348
Del Monte Foods P.O. Box 7 1101 Marion St. Kingsburg, CA 93631	437-2011	Jul-2012	Jul-2011	Brian Okland 897-2901 - x213 Norma Talamantes 891-4267
Guardian Industries Corp. 11535 Mountain View Kingsburg, CA 93631	438-2011	May-2012	May-2011	Phil Newell 896-6400 PN Cell 349-7227
KES Kingsburg, L.P. P.O. Box 217 11765 Mountain View Kingsburg, CA 93631	448-2011	Nov-2012	Nov-2011	Facility Mgr. Ryan Keefe (11/7/2011) 891-9040 Fax 891-1089
Lion Dehydrator P.O. Box 1350 9400 So. DeWolf Selma, CA 93662	443-2011	Sept-2012	Sept-2011	Alan Torosian 834-6677 Fax 834-3182 AT Cell 352-0373
Lion Raisins P.O. Box 1350 9500 So. DeWolf Selma, CA 93662	442-2011	Sept-2012	Sept-2011	Al Lion 834-6677
National Raisin Company P.O. Box 219 626 So. Fifth Fowler, CA 93625	441-2011	Aug-2012	Aug-2011	Ken Bedrosian John Minnazoli 834-5981 Fax 834-1756 JM Cell 351-8664
Sun Maid Growers 13525 So. Bethel Ave. Kingsburg, CA 93631	446-2011	Oct-2012	Oct-2011	Vaughn Koligian (559) 896-8000

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 896-4760
Daniels Sharpmart 4144 E. Therese Ave. Fowler, CA 93625	435-2011	Feb-2013	Feb-2011	Russell Daniel Plant Mgr. (559)270-0986 Andrea Arredondo (540)818-0783
9th 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	421-2010	Mar-2012	Mar-2010	Bill Leon 897-1081
Fowler Dehydrator P.O. Box 338 726 So. Eighth Fowler, CA 93625	445-2011	Sep-2013	Sep-2011	Tom Cassel Philip Boghosian 834-5348
Fresno Valves and Castings, Inc. P.O. Box 40 7736 E. Springfield Selma, CA 93662	408-2011	May-2014	May-2011	Jeff Showalter Leigh Omer 834-2511
(previously Longs Drug Store No. 428) CVS/ Pharmacy #9983 929 Sierra St. Kingsburg, CA 93631	399-2010	Oct-2014	Oct-2010	Wendy Brant Environmental Mgr. (401) 770-7457 Jerrold Heathman Site Mgr (559) 897-0116
Frank C. Alegre Trucking, Inc. DBA Ninety-Nine Tank Wash 502 So. Eighth Fowler, CA 93625	449	Dec-2012	Dec-2009	Rick Schroeder 834-5402 Carlos Contreras 834-1536

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>
Maple Leaf Farms, Inc. 1775 Park Street, Building 83 Selma, CA 93662	452-2011	Aug. 2012	Aug. 2011	Brian L. Lee (559) 333-1872
PHX 2581 S. Golden State Blvd. Fowler, CA 93625	450-2011	June 2013	June 2011	Chris Cortez (559) 903-9706
Quinn Company P.O. Box 12625, Fresno CA 93778 10273 Golden State Blvd. Selma, CA 93662	425-2011	May-2014	May-2011	Todd Brown 562-463-4041
Silgan Containers Manuf. Corp. P.O. Box 10 Marion and Gilroy Streets Kingsburg, CA 93631-0010	384-2010	Jan-2014	Jan-2010 app. 2006	Matt Schimandle 897-5891
Simonian Fruit Co. P.O. Box 340 350 No. Seventh Fowler, CA 93625	439-2011	May-2012	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 (559) 896-8000
Slavens Radiator 2124 Whitson Selma, CA 93662	391	Aug-2011	Aug-2011	Wyman Joliff 896-0566 Non operational at time of inspection
Walgreens 988 Sierra St. Kingsburg, CA 93631	410	May-2012	May-2007	Mike Turnis 897-0116
Waste Management 4333 E. Jefferson Fresno, CA 93725	423	Apr-2012	Apr-2008	Curtis Dinwiddie 834-4070 ext. 253
Xtreme Manufacturing, LLC 1775 Park Street # 82 Selma, CA 93662	419-2011	Feb-2014	Feb-2011	Bill Haltom 891-2978

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 2011 (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 were 3 violations of the local discharge limit for pH by significant industrial users sampled for compliance by District personnel in 2011. The industries were subsequently checked and were in for compliance. Quarterly compliance checks for E.C. resulted in no violations of the local discharge limit for E.C. (electrical conductivity) by significant industrial users during 2011.

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, 2011, SIU Compliance Summaries for E.C. and pH, and KES Kingsburg, L.P. semi-annual compliance reports.

2011 SIU COMPLIANCE SUMMARY - pH (LIMIT = 6.0 - 9.0)

INDUSTRY	1Q 2011			2Q 2011			3Q 2011			4Q 2011			Q's In Violation	SNC?
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		
BEE SWEET		6.42		7.25				6.46				7.12	0	NO
BOGHOSIAN	*	8.76	*	6.23	*	*	*	4.04	*	*	*	6.21	1	NO
DEL MONTE	*	*	*	*	*	*	*	*	6.50	*	*	*	0	NO
GUARDIAN IND.			7.19	7.49				6.85				7.33	0	NO
KES KINGSBURG LP			6.45	7.23				7.28					0	NO
LION DEHYDRATOR	*	*	*	*	*	*	*	4.36	6.71			7.06	1	NO
LION RAISINS	*	*	*	*	*	*	*	6.30				6.70	0	NO
NATIONAL		6.17		5.36	7.50			8.50				6.23	1	NO
SIMONIAN FRUIT	*	*	*	*	*	*	*	*	*	*	*		0	NO
SUN MAID	6.54			*	*	*	*	*	*	*	*		0	NO

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

TABLE II

MONITORING AND ENFORCEMENT STATUS REPORT

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

*Simonian Fruit has notified the District of extreme changes to their processing season and for the immediate future at least will be considered as a non – significant industrial user with regard to Permitting, Flow B.O.D., and T.S.S.

2011 SIU COMPLIANCE SUMMARY – E.C. (LIMIT = 1650 µmhos/cm)

INDUSTRY	1Q11			2Q11			3Q11			4Q11			Q's In Violation	SNC?
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		
BEE SWEET	632			696			327			616			0	NO
BOGHOSIAN	959			1066			680			1431			0	NO
DEL MONTE	*	*	*	*	*	*	927			*	*	*	0	NO
GUARDIAN IND.	756			697			454			741			0	NO
KES KINGSBURG LP	1070			976			1335			1209			0	NO
LION DEHYDRATOR	507			*	1203		*	1448		545			0	NO
LION RAISINS	480			482			693			888			0	NO
NATIONAL	797			758			1027			601			0	NO
SUN MAID	1084			1075			*	*	1068	487			0	NO

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

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

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

KES Kingsburg L.P.

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

July 19, 2011

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 382 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. Also included is the proof of calibration for our flow meter, (calibration is required annually, due next in June, 2012).

Discharge amounts for the past year are also provided.

Certification statements as required are also included.

Please do not hesitate to call me at 951.302.3701 or Dennis Salas at the site 559.891.9040 if you have any questions or comments concerning this correspondence.

Sincerely,



Joel Lepoutre
General Manager
KES-Kingsburg L. P.

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



Certificate of Analysis

07/19/2011

Notes:

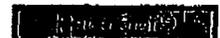
- The Chain of Custody document and Sample Integrity Sheet are part of the analytical report.
- Any remaining sample(s) for testing will be disposed of one month from the final report date unless other arrangements are made in advance.
- Sample(s) received, prepared, and analyzed within the method specified 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 604.1, 602.2, 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 NELAP 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 unreliability 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 16 minute holding time for dissolved metals. Samples submitted to the laboratory have been analyzed outside of this holding time requirement.
- * - 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 - NELAP	04227CA
State of New Mexico - NMED-DWB	
State of Nevada - NDEP	CA000792009A

Definitions and Flags for Data Qualifiers

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





07/19/2011

Case Narrative

Work Order Information

Client Name: KES Kingsburg, L.P.
Client Code: KESK18040
Work Order: A1G0448
Project: General

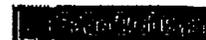
Submitted by: Noah
Shipped by: Walk-in
COC Number:
TAT: 10
PO #:

Sample Receipt Conditions

Cooler: Default Cooler Temp. °C: 14
Containers Intact
COC/Labels Agree
Received with no thermal preservation.
Packing Material - Other
Sample(s) were received in temperature range.
Initial receipt at BSK-FAL

Report Manager
Dennis Safas

Report Format
Final.rpt





Certificate of Analysis

Dennis Salas
KES Kingsburg, L.P.
PO Box 217
Kingsburg, CA 93631

Report Issue Date: 07/19/2011 9:06
Received Date: 07/07/2011
Received Time: 09:16

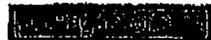
Lab Sample ID: A1G0448-01
Sample Date: 07/06/2011
Sample Type: Composite

Sampled by: Mike McCollough
Matrix: Waste Water

Sample Description: Cooling Tower Blow Down

Metals

Analyte	Method	Result	RL	Units	RL Mul	Batch	Prepared	Analyzed	Qual
Chromium	EPA 200.7	ND	0.050	mg/L	1	A108050	07/11/11	07/17/11	
Zinc	EPA 200.7	ND	0.050	mg/L	1	A108050	07/11/11	07/17/11	





Metals Quality Control Report

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Date Analyzed	Qual
---------	--------	----	-------	-------------	---------------	------	-------------	-----	-----------	---------------	------

Batch: A108050

Analyst: NRE

Prepared: 07/11/2011

Blank (A108050-BLK2) EPA 200.7 - Quality Control

Chromium	ND	0.050	mg/L							07/17/11	
Zinc	ND	0.050	mg/L							07/17/11	

Blank Spike (A108050-B32) EPA 200.7 - Quality Control

Chromium	0.21	0.050	mg/L	0.20		103	85-115			07/17/11	
Zinc	0.20	0.050	mg/L	0.20		101	85-115			07/17/11	

Blank Spike Dup (A108050-B3D2) EPA 200.7 - Quality Control

Chromium	0.20	0.050	mg/L	0.20		99	85-115	3	20	07/17/11	
Zinc	0.20	0.050	mg/L	0.20		98	85-115	3	20	07/17/11	

Matrix Spike (A108050-M33) EPA 200.7 - Quality Control

Source: A1G0415-02

Chromium	0.20	0.050	mg/L	0.20	ND	101	70-130			07/17/11	
Zinc	0.20	0.050	mg/L	0.20	ND	99	70-130			07/17/11	

Matrix Spike (A108050-M34) EPA 200.7 - Quality Control

Source: A1G0420-01

Chromium	0.20	0.050	mg/L	0.20	ND	99	70-130			07/17/11	
Zinc	0.20	0.050	mg/L	0.20	ND	99	70-130			07/17/11	

Matrix Spike Dup (A108050-M3D3) EPA 200.7 - Quality Control

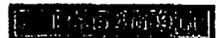
Source: A1G0415-02

Chromium	0.21	0.050	mg/L	0.20	ND	103	70-130	2	20	07/17/11	
Zinc	0.20	0.050	mg/L	0.20	ND	101	70-130	2	20	07/17/11	

Matrix Spike Dup (A108050-M3D4) EPA 200.7 - Quality Control

Source: A1G0420-01

Chromium	0.18	0.050	mg/L	0.20	ND	92	70-130	8	20	07/17/11	
Zinc	0.18	0.050	mg/L	0.20	ND	91	70-130	8	20	07/17/11	





TestName:	Bench:	TestDate:	TestTime:	UserID:
3" VRTCL TUR	Mar-3 to 10	6/24/2011	3:10:55 PM	KHS

SubTestName: HIGH	Units: Gallons	Tank: 5K Gal
Line: 8" Line	Rate: 275.00	Volume: 1000.00
Low Tol: 2.01	Actual Rate: 265.62	Actual Volume: 1000.40
High Tol: 2.01		

Loc:	Meter Model:	Serial Number:	ReadBefore:	ReadAfter:	Accuracy:	Passed:
1	HERSEY	0607608	13227.0000	14247.2000	101.98	Yes

SubTestName: MEDIUM	Units: Gallons	Tank: 100 Gal
Line: 2" Line	Rate: 45.00	Volume: 100.00
Low Tol: 2.01	Actual Rate: 44.32	Actual Volume: 99.98
High Tol: 2.01		

Loc:	Meter Model:	Serial Number:	ReadBefore:	ReadAfter:	Accuracy:	Passed:
1	HERSEY	0607608	14247.2000	14349.0000	101.82	Yes

SubTestName: LOW	Units: Gallons	Tank: 100 Gal
Line: 1" Line	Rate: 4.00	Volume: 100.00
Low Tol: 5.01	Actual Rate: 4.08	Actual Volume: 99.99
High Tol: 2.01		

Loc:	Meter Model:	Serial Number:	ReadBefore:	ReadAfter:	Accuracy:	Passed:
1	HERSEY	0607608	14349.0000	14450.0000	101.01	Yes

*Installed 7-6-11 reading was 00014400
 Removed meter reading 6331300.
 MR McCollough*

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, 2011

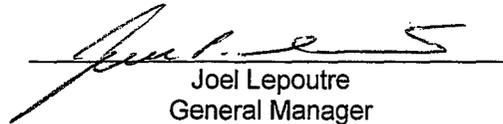
January	2011	1,338,900 gallons
February	2011	1,263,500 gallons
March	2011	1,362,400 gallons
April	2011	1,053,800 gallons
May	2011	1,688,200 gallons
June	2011	1,621,500 gallons

KES Kingsburg L.P.

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CERTIFICATION

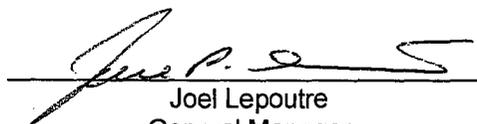
I certify under penalty of law that this document and all attachments were prepared under my direct supervision with a system to assure that qualified personnel properly gather and evaluate the information. Based on my inquiry of the person or persons who manage the system, or the persons directly responsible 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.

7/19/2011
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.

7/19/2011
Date

KES Kingsburg L.P.

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January 12, 2011

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

Karen Steinhauer:

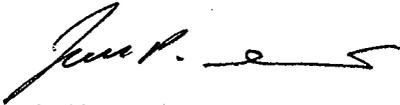
As required by District Permit 382 issued to KES Kingsburg, L. P. located at 11765 Mountain View Road in Kingsburg, California, enclosed are the laboratory results for zinc and chromium analyses performed on water samples from the site's Cooling Tower. Also included is the proof of calibration for our flow meter, (calibration is required annually, due next in July, 2011).

Discharge amounts for the past year are also provided.

Certification statements as required are also included.

Please do not hesitate to call me at 951.302.3701 or Dennis Salas at the site 559.891.9040 if you have any questions or comments concerning this correspondence.

Sincerely,



Joel Lepoutre
General Manager
KES-Kingsburg L. P.

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



Certificate of Analysis

Dennis Salas
Kingsburg Cogeneration Facility
11765 Mountain View Ave
Kingsburg, CA 93631

Report Issue Date: 01/12/2011 10:44
Received Date: 01/06/2011
Received Time: 15:19

Lab Sample ID: A1A0398-01
Sample Date: 01/05/2011
Sample Type: Composite

Client Project: SKF Zinc & Chromium Sample
Sampled by: Dennis Salas
Matrix: Waste Water

Sample Description: Cooling Tower Blowdown

Metals

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Chromium	EPA 200.8	22	10	ug/L	1	A100292	01/10/11	01/11/11	
Zinc	EPA 200.8	190	50	ug/L	1	A100292	01/10/11	01/11/11	



Manufacturer:	HERSEY	Model:	HERSEY MVR-350
Serial Number:	0607609	Size:	3
Unit:	Gallons	Type:	Vertical Turbine
Case:		Passed:	Yes

TestName:	Bench:	TestDate:	TestTime:	UserID:
3" VRTCL TJR	Mar-3 to 10	6/8/2010	11:56:07 AM	KHS

SubTestName:	HIGH	Units:	Gallons	Tank:	5K Gal
Line:	8" Line	Rate:	350.00	Volume:	1000.00
Low Tol:	2.00	Actual Rate:	335.86	Actual Volume:	994.10
High Tol:	2.00				

Location:	ReadBefore:	ReadAfter:	Accuracy:	Passed:
1	43453756.7000	43454745.5000	99.47	Yes

SubTestName:	MEDIUM	Units:	Gallons	Tank:	100 Gal
Line:	2" Line	Rate:	25.00	Volume:	100.00
Low Tol:	2.00	Actual Rate:	25.24	Actual Volume:	99.72
High Tol:	2.00				

Location:	ReadBefore:	ReadAfter:	Accuracy:	Passed:
1	43454745.5000	43454845.5000	100.28	Yes

SubTestName:	LOW	Units:	Gallons	Tank:	100 Gal
Line:	1" Line	Rate:	2.50	Volume:	100.00
Low Tol:	5.00	Actual Rate:	2.55	Actual Volume:	100.01
High Tol:	2.00				

Location:	ReadBefore:	ReadAfter:	Accuracy:	Passed:
1	43454845.5000	43454940.8000	95.29	Yes

Installed on 6-29-10 Reading 43,454.900
 Removed unit Reading 44,850.700
 M.R. McCallister

KES Kingsburg L.P.

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KES KINGSBURG, L. P.

SEWER DISCHARGE VOLUMES

January – December, 2010

January	2010	1,174,900 gallons
February	2010	1,608,400 gallons
March	2010	1,256,300 gallons
April	2010	1,150,200 gallons
May	2010	2,020,600 gallons
June	2010	1,544,900 gallons
July	2010	1,848,900 gallons
August	2010	3,201,500 gallons
September	2010	1,586,600 gallons
October	2010	2,077,300 gallons
November	2010	1,492,000 gallons
December	2010	1,022,800 gallons

KES Kingsburg L.P.

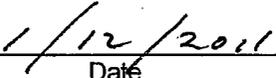
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11765 Mountain View
Kingsburg, CA 93631
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(559) 891-1089 Fax

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.



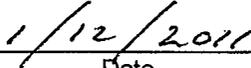
Date

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.



Date

VII. PRETREATMENT PROGRAM CHANGES

There were no major changes in the implementation of the District's pretreatment program in 2011.

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 has not yet received a written report of the PCI's findings. The District will respond 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 contract completion date of the update review and recommendations is before December 2012. 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 2011-2012. The total pretreatment program cost allocation for F.Y. 2011-2012 is \$116,500.00, an increase from the pretreatment cost allocation for Fiscal Year 2010-2011 of \$115,500.00.

**SKF CSD Pretreatment Program Cost Allocation
F. Y. 2011-2012**

SELMA KINGSBURG-FOWLER COUNTY SANITATION DISTRICT

PRETREATMENT PROGRAM COST ALLOCATION (FY 2011-12)

<u>ACCT.</u>	<u>DESCRIPTION</u>	<u>DIV-01</u>	<u>DIV-02</u>	<u>TOTAL</u>
6000	SALARY - NONREP	\$ 1,500	\$ 10,700	\$ 12,200
6100	SALARY - BARG UNIT	5,100	38,000	43,100
6400	FICA / MEDICARE	-	150	150
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	300	150	450
7100	GENERAL INSURANCE	7,500	-	7,500
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
	TOTAL	47,700	68,800	116,500

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.

IX. PUBLIC PARTICIPATION

There were no significant industrial users (SIUs) in significant non-compliance with pretreatment program requirements in 2011 (and therefore no published listing of significant violators). In addition, there were no significant changes to the District's pretreatment program requiring public participation in 2011.

X. BIOSOLIDS DISPOSAL

The District disposed of biosolids on-site exclusively until 1994. Between 1994 and 1999, a significant quantity of stockpiled biosolids was hauled off-site annually for beneficial reuse in accordance with applicable standards and regulations. Since 1999, there has not been any application of biosolids to the District-owned agricultural fields, and all stockpiled biosolids have been hauled off-site annually for beneficial reuse in accordance with applicable standards and regulations.

The results of biosolids monitoring as shown below, demonstrate that District biosolids metals concentrations remain well below the Table 3 Pollutant Concentrations of 40 CFR 503.13.

SLUDGE MONITORING - METALS (mg/Kg Dry Basis) 2010

<u>POLLUTANT</u>	<u>LIMIT*</u>	<u>Jan-11</u>	<u>Mar-11</u>	<u>May-11</u>	<u>Jul-11</u>	<u>Sep-11</u>	<u>Nov-11</u>
ARSENIC	41	3.4	3.6	6.1	9.5	9.5	7.1
CADMIUM	39	0.88	<0.5	<0.5	0.78	1.00	0.77
CHROMIUM***	4200	30.7	25.4	39.9	49.4	51.2	48.7
COPPER	1500	106	101	153	223	237	232
LEAD	300	9.0	7.2	11.0	14.8	14.1	14.8
MERCURY	17	0.16	<1.0	<0.1	<5.0	<5.0	0.48
MOLYBDENUM**	48	4.5	3.8	5.0	7.2	6.7	6.7
NICKEL	420	17.1	14.9	22.7	28.2	30.0	27.7
SELENIUM***	100	0.53	2.3	2.7	4.2	3.8	3.6
ZINC	2800	304	250	376	501	496	505

* 40 CFR 503.13 Table 3 Pollutant Concentrations

** Molybdenum limit suspended 2/25/94 (58 FR 9099) pending reconsideration by EPA

***Chromium limit deleted, Selenium limit raised from 36 to 100 mg/L 10/25/95 (60 FR 54764

**** Sept., Nov. 2009 AD2 replaced AD4

For further details regarding the Districts biosolids disposal practices, please refer to the District's latest "503" report that is submitted annually to EPA Region IX

H:\Bob\word 2012\Pretreatment reports 2012\2011 annual report.doc

Page 19 of 21

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 733 $\mu\text{mhos/cm}$ (the calculated 2012 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 2012), 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. The contact completion date of the update review and recommendations is before the December 2012. The District will provide updates on the status of any recommendations or planned changes to the Pretreatment Program in subsequent Quarterly Pretreatment reports.

