

**REGULAR MEETING OF THE BOARD OF DIRECTORS OF THE  
FLORIN RESOURCE CONSERVATION DISTRICT**

**Wednesday, September 24, 2014**

**6:30 PM**

**8820 Elk Grove Blvd.  
Elk Grove, CA 95624**

Compliance with Government Code Section 54957.5

Public records, including writings related to an agenda item for an open session of a regular meeting of the Florin Resources Conservation District that are distributed less than 72 hours before the meeting, are available for public inspection during normal business hours at the Administration building of Elk Grove Water District, located at 9257 Elk Grove Blvd. Elk Grove, California. In addition, such writings may be posted, whenever possible, on the Elk Grove Water District website at [www.egwd.org](http://www.egwd.org).

The Board will discuss all items on the agenda, and may take action on any item listed as an "Action" item. The Board may discuss items that do not appear on the agenda, but will not act on those items unless there is a need to take immediate action and the Board determines by a two-thirds (2/3) vote that the need for action arose after posting of the agenda.

If necessary, the Meeting will be adjourned to Closed Session to discuss items on the agenda listed under "Closed Session." At the conclusion of the Closed Session, the meeting will reconvene to "Open Session."

**CALL TO ORDER, ROLL CALL AND PLEDGE OF ALLEGIANCE**

**Public Comment – Please complete a Request to Speak Form if you wish to address the Board.** Members of the audience may comment on matters that are not included on the agenda. Each person will be allowed three (3) minutes, or less if a large number of requests are received on a particular subject. No action may be taken on a matter raised under "Public Comment" until the matter has been specifically included on an agenda as an action item. Items listed on the agenda will be opened for public comment as they are considered by the Board of Directors.

**1. Proclamations and Announcements**

Associate Director Comment

Public Comment

**2. Consent Calendar** (Stefani Phillips, Secretary)

- a. Minutes of the Regular Board Meeting of August 27, 2014 and Special Board Meeting of August 27, 2014.
- b. FRCD Cash Flow Worksheet – August, 2014
- c. Warrants Paid – August, 2014
- d. Active Accounts – August, 2014
- e. Bond Covenant Status for FY 2014-15 – August, 2014
- f. Revenues and Expenses – Actual vs Budget FY 2014-15 – August, 2014
- g. Cash Accounts – August, 2014
- h. Consultants Expenses – August, 2014

Associate Director Comment

Public Comment

**Recommended Action: Approve FRCD Consent Calendar**

**3. 2014 Farm Bill and Agricultural Conservation Easement Program**

(Dwane Coffey, District Conservationist)

Associate Director Comment

Public Comment

**4. Conservation Activities – August, 2014** (Ellen Carlson, Management Analyst)

Associate Director Comment

Public Comment

**5. Operations Report – August, 2014** (Mark J. Madison, PE, General Manager)

Associate Director Comment

Public Comment

**6. Health Plan Option – Account Based Health Plan**

(Stefani Phillips, Human Resource Specialist)

Associate Director Comment

Public Comment

**Recommended Action: Approve a Motion to Include an Account Based Health Plan, Offered by the Association of California Joint Powers Insurance Authority, as an Additional Health Plan Offered to the Employees of the Elk Grove Water District**

**7. Legislative Update** (Ellen Carlson, Management Analyst)

Associate Director Comment

Public Comment

**8. Committee Meeting(s) Update** (Chairman Barrie Lightfoot)

Associate Director Comment

Public Comment

**9. Directors Comments and Information**

**10. Closed Session**

CONFERENCE WITH REAL PROPERTY NEGOTIATORS

Property: 2450 Florin Rd., Sacramento, CA

Agency negotiators: Mark Madison

Negotiating parties: FRCD and Sacramento County

Under negotiation: Terms of payment

Adjourn to Regular Meeting – October 22, 2014.

September 24, 2014

TO: Chairman and Directors of the Florin Resource Conservation District  
FROM: Stefani Phillips, Secretary  
SUBJECT: **CONSENT CALENDAR**

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**RECOMMENDATION**

Approve the Consent Calendar.

**Summary**

By this action, the Board will approve Consent Calendar items a-h.

**DISCUSSION**

Background

Consent Calendar items a-i are standing items on the Regular Board Meeting agenda.

**FINANCIAL SUMMARY**

N/A

Respectfully Submitted,



STEFANI PHILLIPS, SECRETARY

SP

Attachments



Director Elliot Mulberg requested that Consent Calendar item i be presented at future Regular Board Meetings as a reportable update with a staff report and not part of the Consent Calendar.

MSC (Nelson/Mulberg) to approve Consent Calendar item f and i, 5/0: Ayes: Dawson, Menasco, Mulberg, Nelson, and Lightfoot.

### 3. Solar Energy Development Presentation

Andy Sinnot, Project Development Manager, SolarCity, gave a presentation to the FRCD Board of Directors on solar energy development. He stated that SolarCity is an ACWA preferred provider. Mr. Sinnot stated that they performed a feasibility study and that it would not be cost effective to install solar energy at the Railroad facility at this time. He stated that maybe next year at this time it would be more cost effective.

Mr. Sinnot stated that SolarCity can set up a contract with EGWD for solar energy under a power purchase agreement (PPA).

Director Don Menasco inquired if any of the abandoned well sites could be used for solar energy and if the District could wheel the energy to another location.

Mr. Sinnot replied, perhaps, it really depends on the open space that is available (2-4 acres).

### 4. Operations Report – July, 2014

General Manager Mark Madison highlighted the following activities:

- Low pressure in Service Area 2 – Sacramento County
- Door hangers – 393
- Shut-offs – 61
- USA's – 137 (a lot)
  - PG & E looking for gas leaks
- Hydrant Maintenance – 43 (painting hydrants)
- Utility Crew – 1 meter
- Well 1D – hardly ran
- Well 4D – heavy producer
- Well 11D – 2<sup>nd</sup> largest producer at approximately 110 million gallons
- Well 14D – not too much
- Well 3 – a fair amount (air problem resolved and being monitored)
- Well 8 – ran quite a bit
- Well 9 – ran not stop
- No water purchased from Sacramento County
- Combined production down 20%
  - Sacramento County production down 6%
- Static and pumping – nothing new to report
- Samples taken – 86 (a lot of samples)
  - Start of FY and annual samples taken
  - Warf hydrant replacement project
  - Pneumatic tank at Well 9
- Backflow
  - Developing a better report system for reporting to the FRCD Board of Directors

- July notices
  - 251 Issued
  - 147 responded
  - 104 did not respond
  - 3 did not pass
  - 107 remain outstanding for July
  - 16 are outstanding from May and June
  - 123 are outstanding in total

Mr. Madison stated that the Backflow program is going very well.

- Meter-retrofit – Melrose Street Project – the pipe has been installed
  - Commercial (non-resident) – 29
  - Multi-family units – still to come
- New Map – bull heads (review on bull heads to follow)
- Leaks – 4 (service)
  - Saddles – 2
  - Service hits – 2 PG&E (the District mismarked them)
- Mains – 1 (tree root)
- Water pressure – Service Area 1 – good
  - Sacramento County has relaxed their water pressure
  - Master meters have been installed for Service Area 2 (billing has not changed yet)

## 5. Associate Board Policy Revision

General Manager Mark Madison presented the Associate Board Policy revision.

The current application process text reads:

“The application consists of a letter of interest stating qualifications and background in one of the areas of interest to the District and a resume or a letter of interest and three letters of recommendation by individuals familiar with the applicants work or qualifications.”

The proposed amendment text reads:

“The application shall include a letter of interest, highlighting the applicant’s qualifications and background, a resume, and three letters of recommendation by individuals familiar with the applicant’s work or qualifications.”

A lengthy discussion occurred.

Comments included:

Director Elliot Mulberg commented that the “areas of interest” had been removed from the existing text and would like it put back.

Vice-Chairman Chuck Dawson commented that he wants a previous level of participation/involvement in the EGWD/FRCD from those who apply.

Mr. Madison suggested the following language: “The application shall include a letter of interest, highlighting the applicant’s experience, qualifications and background in one of the areas of interest to the District, a resume, and three letters of recommendation by individuals familiar with the applicants work or qualifications.”

Associate Director Bob Gray commented that he had a problem with the application process requirements of needing three letters of interest. He stated he is retired and most of the people who could serve as references have passed away.

Associate Director Davies Ononiwu inquired about how an individual goes about applying because they want to serve, but does not have experience or have not participated with the District.

Mr. Madison responded, the Board would select the most qualified applicant.

MSC (Mulberg/Nelson) to adopt Resolution No. 08.27.14.01 of the Board of Directors of the Florin Resource Conservation District adopting an amended and restated Associate Directors Policy, with amendments, 5/0: Ayes: Dawson, Menasco, Mulberg, Nelson, and Lightfoot.

## **6. Adoption of the American River Basin Integrated Regional Water Management Plan**

Management Analyst Ellen Carlson presented the Adoption of the American River Basin Integrated Regional Water Management Plan.

MSC (Dawson/Mulberg) to adopt Resolution No. 08.27.14.02 adopting the American River Basin Integrated Regional Water Management Plan, 5/0: Ayes: Dawson, Menasco, Mulberg, Nelson, and Lightfoot.

## **7. Legislative Update**

Management Analyst Ellen Carlson presented the Legislative Update to the FRCD Board of Directors.

Highlights:

- AB 1471 (California Water Bonds 2013-2014) was signed by the Governor and will go on the ballot.

The water bills below are all dead now:

- AB 1331 (Clean and Safe Drinking Water Act of 2014)
  - AB 2043 (Safe, Clean and Reliable Water Supply Act of 2014)
  - AB 2554 (Clean, Safe and Reliable Drinking Water Act of 2014)
  - AB 2686 (Clean, Safe and Reliable Water Supply Act of 2014)
  - SB 848 (Safe Drinking Water, Water Quality and Flood Protection Act of 2014)
  - SB 927 (Safe, Clean and Reliable Drinking Water Supply Act of 2014)
  - SB 1250 (Safe, Clean and Reliable Drinking Water Supply Act of 2014).
  - SB 1370 (Reliable Water Supply Bond Act of 2014)
- SB 1168 (Groundwater sustainability plans) and AB 1739 (Groundwater basin management: sustainability) are being closely monitored and have been revised four times.
  - AB 194 (Brown Act Amendment) has passed the Senate and awaiting Assembly concurrence.
  - SB 992 (Common interest developments: water-efficient landscaping) has been amended to prohibit the prohibiting of recycled water.
  - SB 1036 (Urban water management plans) has been presented to the Governor.

- SB 1281 (Oil and gas production: water use reporting) has been amended to reporting requirements must include source and volume of water used and its treatment.
- SB 1420 (Urban Water Management Plans) has been presented to the Governor.

General Manager Mark Madison informed the FRCD Board of Directors that the Bay Delta Conservation Plan (BDCP) has been delayed. He stated that he heard that the environmental documents will be reissued after the first of the New Year (2015).

#### **8. Committee Meeting(s) Update**

Chairman Barrie Lightfoot and Director Tom Nelson discussed the 2x2x2 Ad-hoc Committee Meeting that was held on August 8, 2014. The meeting was initially gathered to discuss holding an irrigation workshop. They felt that the other RCD's have a willingness to work together for mutual interests.

The Employee Policy Manual Ad-hoc Committee meeting was held on August 26, 2014 to review revisions and updates.

Chairman Barrie Lightfoot thanked Vice-Chairman Chuck Dawson and Director Tom Nelson for their work and involvement with the Employee Policy Manual.

#### **9. Directors Comments and Information**

Management Analyst Ellen Carlson invited the FRCD Board of Directors to a Water Conservation and Drought Workshop on September 2, 2014, at the Cosumnes Community Services District, at 6:00 pm, hosted by Ami Bera and representatives from state, regional, and local will be in attendance.

Mr. Madison asked for direction from the FRCD Board of Directions regarding their vision for a strategic workshop for the FRCD.

A brief discussion occurred.

The Board directed Mr. Madison to have a Strategic Planning Workshop to revisit the goals and objectives for the FRCD in October and to invite Karen Buhr, CARCD, and Dwane Coffey, NRCS to attend.

Respectfully submitted,

*Stefani Phillips*

Stefani Phillips, Secretary



Consent  
Calendar Item# 

**SPECIAL MEETING MINUTES OF THE  
FLORIN RESOURCE CONSERVATION DISTRICT BOARD OF DIRECTORS**

**Wednesday, August 27, 2014**

**6:30 PM**

**9257 Elk Grove Blvd.  
Elk Grove, CA 95624**

**CALL TO ORDER, ROLL CALL AND PLEDGE OF ALLEGIANCE**

Public Comment – Please complete a Request to Speak Form if you wish to address the Board. Members of the audience may comment on matters that are not included on the agenda. Each person will be allowed three (3) minutes, or less if a large number of requests are received on a particular subject. No action may be taken on a matter raised under "Public Comment" until the matter has been specifically included on an agenda as an action item. Items listed on the agenda will be opened for public comment as they are considered by the Board of Directors.

**Closed Session**

CONFERENCE WITH REAL PROPERTY NEGOTIATORS

Property: 2450 Florin Rd., Sacramento, CA

Agency negotiators: Mark Madison

Negotiating parties: FRCD and Sacramento County

Under negotiation: Terms of payment

No reportable action taken.

Adjourn to Regular Meeting on Wednesday, September 24, 2014, at 6:30 p.m.; held at 8820 Elk Grove Blvd.



Consent  
Calendar Item# B

## **FRCD Cash Flow For the Month Ended August 31, 2014**

<b>Cash in Bank – Beginning</b>	<b>\$143,614.72</b>
<b>Receipts:</b>	<b>1,650.00</b>
<b>Interest Earned</b>	<b>10.16</b>
<b>Disbursements:</b>	
<b>Check # 1003-Elk Grove Water District Reimbursement for SDRMA dues (2012)</b>	<b>-77.20</b>
<b>Cash in Bank – Ending</b>	<b>\$145,197.68</b>

Check History Report

8/1/2014 to 8/31/2014  
Elk Grove Water District

Check Number	Check Date	Vendor Number	Name	Check	Explanation
037098	8/5/2014	COMSTOC COUNTY4	COMSTOCK JOHNSON ARCHITECTS	209.61	
037099	8/5/2014	COUNTY4	SACRAMENTO COUNTY UTILITIES	85.40	
037100	8/5/2014	PAC BEN	PACIFIC BENEFIT CONSULTANTS	200.00	
037101	8/5/2014	PREFERR	PREFERRED ALLIANCE	113.00	
037159	8/7/2014	BATTER	BATTERIES PLUS	19.98	
037160	8/7/2014	COLEMAN	COLEMAN ENGINEERING	542.50	Well #3-Repair Air Problem
037161	8/7/2014	COUNTYP	COUNTY OF SACRAMENTO	8.75	
037162	8/7/2014	MITCH	MITCH'S CERTIFIED CLASSES	1,100.00	Cross-Connection Control Specialist Course-Distribution
037163	8/7/2014	MITCH	MITCH'S CERTIFIED CLASSES	900.00	Backflow Prevention Assembly Tester Course-Distribution
037164	8/7/2014	REPUBLI	REPUBLIC SERVICES #922	681.66	Trash Services-MOC/ADMIN
037165	8/7/2014	SIERRA	SIERRA OFFICE SUPPLIES	355.35	
037166	8/7/2014	SIGN CE	THE SIGN CENTER	84.50	
037167	8/7/2014	ULTRA	ULTRA TRUCKWORKS, INC	15.25	
037168	8/7/2014	VALLMO	VALLEY MOTOR PARTS	77.13	
037169	8/19/2014	A TEEM	A T.E.E.M. ELECTRICAL	12,580.00	SCADA Improvements
037170	8/19/2014	A TEIC	A. TEICHERT & SON, INC	949.08	Materials/Supplies-Meter Retro-Distribution
037171	8/19/2014	AWWA3	AWWA	3,365.00	Annual Membership Dues
037172	8/19/2014	BEST	BEST, BEST & KRIEGER	12,218.31	Legal
037173	8/19/2014	BG SOLU	SOLUTIONS BY BG INC.	4,815.26	Daily Tasks & Help Tickets
037174	8/19/2014	BRINKS	BRINK'S INCORPORATED	270.19	Sampling-Treatment
037175	8/19/2014	BSK4	BSK ASSOCIATES	6,487.61	Update Office Program 2013 Software
037176	8/19/2014	CDW	CDW GOVERNMENT	2,375.00	Phones-MOC/ADMIN
037177	8/19/2014	CLAYBAR	CLAYBAR ENGINEERING	3,922.50	Ethernet Service
037178	8/19/2014	CONSOLI	CONSOLIDATED COMMUNICATIONS	1,212.08	
037179	8/19/2014	CONSOLI	CONSOLIDATED COMMUNICATIONS	235.06	
037180	8/19/2014	COUNTY3	COUNTY OF SACRAMENTO	100.00	
037181	8/19/2014	COUNTY4	SACRAMENTO COUNTY UTILITIES	97.71	
037182	8/19/2014	DATAPRO	DATAPROSE LLC	7,537.80	Monthly Billing/Drought Notice
037183	8/19/2014	ESC	ENGINEERING SUPPLY COMPANY INC	15,234.61	Survey-grade GPS Data Collector
037184	8/19/2014	EVO	EMERGENCY VEHICLE OUTFITTERS	381.92	Materials/Supplies-Meter Retro-Distribution
037185	8/19/2014	FASTENA	FASTENAL COMPANY	132.77	Materials/Supplies-Meter Retro-Melrose
037186	8/19/2014	FERGUS	FERGUSON ENTERPRISES, INC	28,899.30	Janitorial-MOC
037187	8/19/2014	INLAND	INLAND BUSINESS SYSTEMS	20.00	Materials/Supplies-Meter Retro-Distribution
037188	8/19/2014	JAN PRO	JAN-PRO CLEANING SYSTEMS	245.00	Materials/Supplies-Meter Retro-Distribution
037189	8/19/2014	JAYS	JAY'S TRUCKING SERVICE	8,660.09	Materials/Supplies-Meter Retro-Distribution
037190	8/19/2014	PACE	PACE SUPPLY CORP	795.66	
037191	8/19/2014	PEST	PEST CONTROL CENTER INC	80.00	
037192	8/19/2014	PG&E	PACIFIC GAS & ELECTRIC COMPANY	9.61	
037193	8/19/2014	PLATT2	PLATT	106.92	
037194	8/19/2014	PP	PURCHASE POWER	66.20	
037195	8/19/2014	ROADRUN	ROADRUNNER DRILLING & PUMP CO	15,085.00	Well Destructons
037196	8/19/2014	ROB MER	ROBERT MERRIT	4,100.00	Accounting Services
037197	8/19/2014	ROOCO	ROOCO RENTS	3,282.12	Materials/Supplies-Meter Retro-Distribution



037198	8/19/2014	ROTH	ROTH STAFFING COMPANIES, L.P.	236.24	Temporary Admin Assistant Position
037199	8/19/2014	SAC TAX	SACRAMENTO COUNTY	507.00	Property Tax-Cosumes CSD
037200	8/19/2014	SIERRA C	SIERRA CHEMICAL COMPANY	284.81	
037201	8/19/2014	SIERRA	SIERRA OFFICE SUPPLIES	261.35	
037202	8/19/2014	SIGN CE	THE SIGN CENTER	16.52	
037203	8/19/2014	USS	UNITED SITE SERVICES	214.59	
037204	8/19/2014	VALL MO	VALLEY MOTOR PARTS	88.40	Advertisement-WDO II
037205	8/26/2014	ACWA	ACWA	400.00	Clothing Reimbursement
037206	8/26/2014	B WAGNE	BRANDON WAGNER	100.27	Repairs/Maintenance-Computers
037207	8/26/2014	BATTER	BATTERIES PLUS	1,163.72	Legal
037208	8/26/2014	BEST	BEST, BEST & KRIEGER	13,769.57	Sampling-Treatment
037209	8/26/2014	BSK4	BSK ASSOCIATES	932.00	
037210	8/26/2014	CAL STE	CALIFORNIA STEAM	102.37	
037211	8/26/2014	CAP RUB	CAPITAL RUBBER	968.79	Materials/Supplies-Meter Retro-Distribution
037212	8/26/2014	CPS	COOPERATIVE PERSONNAL SERVICES	7,346.20	Recruitment for Finance Manager Position
037213	8/26/2014	CRF SZ	SZEREMI SWEEPING	1,782.45	Closed Account-Credit Refund
037214	8/26/2014	FASTENA	FASTENAL COMPANY	37.34	
037215	8/26/2014	GRAINGE	GRAINGER	179.66	
037216	8/26/2014	INLAND	INLAND BUSINESS SYSTEMS	203.94	
037217	8/26/2014	JAYS	JAY'S TRUCKING SERVICE	479.37	
037218	8/26/2014	LAMOTTE	LaMotte Company	120.54	Materials/Supplies-Meter Retro-Distribution
037219	8/26/2014	MANAGE	MANAGEMENT PARTNERS	5,847.49	Interim Finance Manager
037220	8/26/2014	MOULE'S	MOULE'S ELK GROVE GLASS	885.00	Repairs/Maintenance-Office Windows
037221	8/26/2014	PACE	PACE SUPPLY CORP	1,464.42	Materials/Supplies-Meter Retro-Distribution
037222	8/26/2014	PIT 2	PITNEY BOWES GLOBAL FINANCIAL	32.00	
037223	8/26/2014	PROFILE	PROFILES INTERNATIONAL	60.00	
037224	8/26/2014	QUALYS	QUALYS, INC	545.00	External Security Audit
037225	8/26/2014	ROOCO	ROOCO RENTS	2,624.40	Materials/Supplies-Meter Retro-Distribution
037226	8/26/2014	ROTH	ROTH STAFFING COMPANIES, L.P.	1,852.64	Temporary Admin Assistant Position (2) Invoices
037227	8/26/2014	SAFETY	SAFETY CENTER, INC	750.00	On-Site Excavation Refresher-OPS
037228	8/26/2014	SIGN CE	THE SIGN CENTER	118.59	
037229	8/26/2014	SUNSET	SUNSET	1,225.26	Community Relations-Easy Water-Wise gardening
037230	8/26/2014	TEICHER	A TEICHERT & SON INC	248.75	
037231	8/26/2014	TRENCH	TRENCH PLATE RENTAL CO	218.80	
037232	8/26/2014	UNITED	UNITED SITE SERVICES	214.59	
037233	8/26/2014	VALL MO	VALLEY MOTOR PARTS	89.93	
037234	8/26/2014	WHITE	HDS WHITE CAP CONST SUPPLY	194.49	
037235	8/26/2014	ZOOM	ZOOM IMAGING SOLUTIONS, INC	238.57	
037236	8/26/2014	PETTY	PETTY CASH	242.92	
037237	8/31/2014	AM	AM CONSERVATION GROUP, INC	3,935.83	Pumpkin Festival-Hose Nozzles
037238	8/31/2014	AT&T	AT&T MOBILITY-ROC	396.21	On-Call/ Field Phones-OPS
037239	8/31/2014	BG SOLU	SOLUTIONS BY BG INC.	4,758.63	Daily Tasks & Help Tickets
037240	8/31/2014	BSK4	BSK ASSOCIATES	9,530.00	Sampling-Treatment
037241	8/31/2014	C&T	C & T SPECIALTIES	43.20	
037242	8/31/2014	COEG	CITY OF ELK GROVE	10,100.00	SCADA Improvements
037243	8/31/2014	COUNTY4	SACRAMENTO COUNTY UTILITIES	34.71	
037244	8/31/2014	COUNTY4	SACRAMENTO COUNTY UTILITIES	97.70	
037245	8/31/2014	COUNTY6	COUNTY OF SACRAMENTO	567.00	Annual Fee for Hazardous Materials Permit-Railroad
037246	8/31/2014	COUNTY6	COUNTY OF SACRAMENTO	567.00	Annual Fee for Hazardous Materials Permit-Well #8
037247	8/31/2014	COUNTY6	COUNTY OF SACRAMENTO	567.00	Annual Fee for Hazardous Materials Permit-well #13
037248	8/31/2014	COUNTY6	COUNTY OF SACRAMENTO	567.00	Annual Fee for Hazardous Materials Permit-Well #3
037249	8/31/2014	COUNTY6	COUNTY OF SACRAMENTO	567.00	Annual Fee for Hazardous Materials Permit-Well #9
037250	8/31/2014	CPHILLI	CHRIS PHILLIPS	140.39	Clothing Reimbursement

037251	8/31/2014	CR TC	FIDELITY NATIONAL TITLE COMP	94.02	Closed Account-Credit Refund
037252	8/31/2014	CR TC	FIDELITY NATIONAL TITLE COMP	15.52	Closed Account-Credit Refund
037253	8/31/2014	CR TC	FIDELITY NATIONAL TITLE COMP	104.64	Closed Account-Credit Refund
037254	8/31/2014	CRF ANC	ANGELA CHIANG	4.40	Closed Account-Credit Refund
037255	8/31/2014	CRF AW	JASON & ANDREA WHALEN	0.10	Closed Account-Credit Refund
037256	8/31/2014	CRF CNB	CHARLES & NANCY BAUGHMAN	86.46	Closed Account-Credit Refund
037257	8/31/2014	CRF JEH	JERRY HOLLENDORFER	113.61	Closed Account-Credit Refund
037258	8/31/2014	CRF KLY	KEVIN & LANA YOUNG	112.55	Closed Account-Credit Refund
037259	8/31/2014	CRF LAD	LAWSON DRAYAGE, INC	49.85	Closed Account-Credit Refund
037260	8/31/2014	CRF LEN	LENNAR HOMES CA, INC	74.61	Closed Account-Credit Refund
037261	8/31/2014	CRF MAJ	MATTHEW J. SZPUNAR	46.09	Closed Account-Credit Refund
037262	8/31/2014	CRF RBF	RANDALL & BARBARA FEIST	29.08	Closed Account-Credit Refund
037263	8/31/2014	CRF TRN	TRANG NGUYEN	4.82	Closed Account-Credit Refund
037264	8/31/2014	CRF TRT	TRINH THAI	2.78	Closed Account-Credit Refund
037265	8/31/2014	CRFJOR	JORGE BATISTA	36.71	Closed Account-Credit Refund
037266	8/31/2014	FASSTENA	FASTENAL COMPANY	253.77	Closed Account-Credit Refund
037267	8/31/2014	FERGUS	FERGUSON ENTERPRISES, INC	868.43	Closed Account-Credit Refund
037268	8/31/2014	FRONT C	FRONTIER COMMUNICATIONS	217.74	Closed Account-Credit Refund
037269	8/31/2014	FRONT C	FRONTIER COMMUNICATIONS	165.30	Closed Account-Credit Refund
037270	8/31/2014	FRONT C	FRONTIER COMMUNICATIONS	170.68	Closed Account-Credit Refund
037271	8/31/2014	GOLDEN	GOLDEN STATE FLOW MEASUREMENT	384.77	Closed Account-Credit Refund
037272	8/31/2014	GREAT A	GREATAMERICA LEASING CORP	144.50	Closed Account-Credit Refund
037273	8/31/2014	HALING	CINDY HALING	240.00	Closed Account-Credit Refund
037274	8/31/2014	HANFORD	HANFORD READY MIX INC.	1,285.20	Closed Account-Credit Refund
037275	8/31/2014	INT STA	INTERSTATE OIL COMPANY	2,405.26	Closed Account-Credit Refund
037276	8/31/2014	JAYS	JAY'S TRUCKING SERVICE	6,456.44	Closed Account-Credit Refund
037277	8/31/2014	KELLY M	KELLY-MOORE PAINTS COMPANY INC	37.75	Closed Account-Credit Refund
037278	8/31/2014	MC ENGI	MC ENGINEERING, INC	4,997.07	Closed Account-Credit Refund
037279	8/31/2014	PACE	PACE SUPPLY CORP	33,019.54	Closed Account-Credit Refund
037280	8/31/2014	QUALYS	QUALYS, INC	545.00	Closed Account-Credit Refund
037281	8/31/2014	R&J	R & J IRRIGATION	133.99	Closed Account-Credit Refund
037282	8/31/2014	RADIAL	RADIAL TIRE OF ELK GROVE	415.49	Closed Account-Credit Refund
037283	8/31/2014	ROOCO	ROOCO RENTS	1,866.24	Closed Account-Credit Refund
037284	8/31/2014	ROTH	ROTH STAFFING COMPANIES, L.P.	1,143.91	Closed Account-Credit Refund
037285	8/31/2014	RY HERC	RYAN HERCO PRODUCTS CORP	123.49	Closed Account-Credit Refund
037286	8/31/2014	SDRMA	SDRMA	782.79	Closed Account-Credit Refund
037287	8/31/2014	SIERRA C	SIERRA CHEMICAL COMPANY	1,182.65	Closed Account-Credit Refund
037288	8/31/2014	SIERRA	SIERRA OFFICE SUPPLIES	104.07	Closed Account-Credit Refund
037289	8/31/2014	SMUD	SMUD	859.14	Closed Account-Credit Refund
037290	8/31/2014	SMUD	SMUD	5,500.50	Closed Account-Credit Refund
037291	8/31/2014	SMUD	SMUD	104.89	Closed Account-Credit Refund
037292	8/31/2014	SMUD	SMUD	11,017.72	Closed Account-Credit Refund
037293	8/31/2014	SMUD	SMUD	92.93	Closed Account-Credit Refund
037294	8/31/2014	SMUD	SMUD	1,522.82	Closed Account-Credit Refund
037295	8/31/2014	SMUD	SMUD	2,130.74	Closed Account-Credit Refund
037296	8/31/2014	SMUD	SMUD	3,039.78	Closed Account-Credit Refund
037297	8/31/2014	SOURCE	SOURCETECH SYSTEMS, INC.	2,780.00	Closed Account-Credit Refund
037298	8/31/2014	TEICHER	A TEICHERT & SON INC	869.53	Closed Account-Credit Refund
037299	8/31/2014	TRENCH	TRENCH PLATE RENTAL CO	1,795.90	Closed Account-Credit Refund
037300	8/31/2014	ULTRA	ULTRA TRUCK WORKS, INC	34.56	Closed Account-Credit Refund
<b>Total: 303,045.41</b>					

Elk Grove Water District  
Active Account Information  
8/31/2014

	JULY	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE
Water Accounts:												
Non-metered												
Residential	135		133									
Commercial	47		33									
Metered												
Residential	11,494		11,484									
Commercial	457		458									
Fire Service	123		121									
Total Accounts	12,256		12,229									

Elk Grove Water District  
Active Account Information  
FY 2013/2014

	JULY	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE
Water Accounts:												
Non-metered												
Residential	938	947	813	594	475	422	384	342	294	241	187	137
Commercial	110	110	110	110	108	102	102	89	81	51	50	47
Metered												
Residential	10,605	10,595	10,724	10,949	11,034	11,093	11,141	11,163	11,213	11,271	11,381	11,543
Commercial	388	392	397	394	394	397	397	414	421	451	454	458
Fire Service	123	123	123	123	123	123	123	123	123	121	121	122
Total Accounts	12,164	12,167	12,167	12,170	12,134	12,137	12,147	12,131	12,132	12,135	12,193	12,307

Consent  
Calendar Item? D

# Elk Grove Water District

## Bond Covenant Status

### For Fiscal Year 2014-15

As of August 31, 2014

**Operating Revenues:**

Charges for Services	\$	2,696,527
----------------------	----	-----------

**Operating Expenses:**

Salaries & Benefits		504,750
Seminars, Conventions and Travel		1,370
Office & Operational		802,837
Outside Services		139,706
Equipment Rent, Taxes, and Utilities		69,438
Depreciation & Amortization		313,057
Total Operating Expenses		1,831,158

<b>Income From Operations</b>	<b>\$</b>	<b>865,369</b>
-------------------------------	-----------	----------------

**Covenant Number 1**

Income From Operations		865,369
Add: Depreciation & Amortization Expenses		313,057 *
Add: Rate Stabilization Fund (See note)		161,964 *
Total		1,340,390

Interest & Principal Payments		
2,546,800 interest + 1,290,000 principal		639,467 *

**Coverage Ratio:**

<b>Actual</b>		<b>2.10</b>
<b>Required</b>		<b>1.25</b>

**Covenant Number 2**

Income From Operations		865,369
Add: Depreciation & Amortization Expenses		313,057 *
Total		1,178,426

Interest & Principal Payments		
2,546,800 interest + 1,290,000 principal		639,467 *

**Coverage Ratio:**

<b>Actual</b>		<b>1.84</b>
<b>Required</b>		<b>1.15</b>

\* Note: The calculation for the period = the percentage of the year completed.



Elk Grove Water District  
Revenues and Expenses Actual to Budget  
August 31, 2014

General Ledger Reference	August Activity	August Budget	Variance	%	YTD Activity	Annual Budget	2/12=17%	
							Variance	%
Revenues	1,340,504	1,205,315	135,189	11.22%	2,696,527	14,463,784	-11,767,257	18.64%
Salaries & Benefits (1)	236,190	310,134	-73,944	-23.84%	504,750	3,721,605	-3,216,855	13.56%
Seminars, Conventions and Travel	442	3,167	-2,725	-86.04%	1,370	38,007	-36,637	3.60%
Office & Operational (2)	339,564	342,597	-3,033	-0.89%	802,837	4,111,168	-3,308,331	19.53%
Outside Services (2)	87,644	68,380	19,264	28.17%	139,706	820,558	-680,852	17.03%
Equipment Rent, Taxes, Utilities	27,191	36,654	-9,463	-25.82%	69,438	439,846	-370,408	15.79%
Total Operational Expenses	691,031	760,932	-69,901	-9.19%	1,518,101	9,131,184	-7,613,083	16.63%
Net Operations	649,473				1,178,426			
Non-Operating Activity								
Depreciation & Amortization	156,529	156,529	0	0.00%	313,057	1,878,344	-1,565,287	16.67%
Bond Interest Accrued	212,236	212,236	0	0.00%	424,471	2,546,826	2,546,826	16.67%
Interest Earned	975	833	142		1,902	10,000	10,000	
Other Income	311	0	-311	0.00%	322	0	-322	
Revenues in Excess of Expenditures (Net Revenues)	<u>281,994</u>				<u>443,122</u>			
Capital Expenses								
Capital Improvements					195,094			
Capital Replacements					9,360			
Equipment					51,337			
Bond Retirement: \$1,290,000					<u>215,000</u>			
Total Capital And Debt Retirement Expenditures					470,791			
Net Cash Position after Capital and Debt Retirement Expenditures					<u>(27,669)</u>			

(1) A total of \$439,864 of salary expenses will be capitalized to the Meter Retrofit CIP Program at year end, which will reduce the final expenditures.

(2) A total of \$154,956 of operational expenses will be capitalized to the Meter Retrofit CIP Program at year end, which will reduce the final expenditures.

(2) Estimated Expenditures: Purchased Water \$278,425 in August, and \$570,983 Year-To-Date.



**Florin Resource Conservation District  
CASH - Detail Schedule of Investments  
8/31/2014**

HELD BY BOND TRUSTEE:		Account number / name	Investment Name	Investment Type	Restrictions	Market Value
<b>G/L Account # Money Market Fund</b>						
1130-000-30	Building	BNY 113518 FRCD OB 2003 A/B Rev Fd	Dreyfus Inst Treasury	MM Mutual Fund	Restricted	\$ 20,592.93
	Building	BNY 113522 FRCD OB 2003 B SUB IPF	Dreyfus Inst Treasury	MM Mutual Fund	Restricted	0.00
	Building	BNY 113591 FRCD OB 03 A/B O/M RES FD	Dreyfus Inst Treasury	MM Mutual Fund	Restricted	180,323.49
1132-000-30	Building	BNY 113594 FRCD OB 03 A/B RES FD	Dreyfus Inst Treasury	MM Mutual Fund	Restricted	460,000.00
	Building	BNY 113598 FRCD 03 A INST PMT FD	Dreyfus Inst Treasury	MM Mutual Fund	Restricted	408,751.25
	Building	BNY 113599 FRCD OB 03 A SR IPF	Dreyfus Inst Treasury	MM Mutual Fund	Restricted	0.00
1133-000-30	Building	BNY 113601 FRCD 2003 A/B CAR/PAINT EXP	Dreyfus Inst Treasury	MM Mutual Fund	Restricted	3,774.72
1134-000-30	Building	BNY 113602 FRCD 2003 A/B ADMIN EXP FD	Dreyfus Inst Treasury	MM Mutual Fund	Restricted	14,486.46
1103-000-20	Water	BNY 113757 FRCD 2002 INST PMT SER B	Dreyfus Inst Treasury	MM Mutual Fund	Restricted	347,250.00
	Water	BNY 113759 FRCD 2002 INST PMT SER B	Dreyfus Inst Treasury	MM Mutual Fund	Restricted	0.01
	Water	BNY 113756 FRCD INST PMT SER A	Dreyfus Inst Treasury	MM Mutual Fund	Restricted	807,443.75
1102-000-20	Water	BNY 113576 FRCD 2003 A CONST FUND	Dreyfus Inst Treasury	MM Mutual Fund	Restricted	1,320.94
1107-000-20	Water	BNY 113584 FRCD 2005 A CONST FUND	Dreyfus Inst Treasury	MM Mutual Fund	Restricted	0.00
1122-000-20	Water	BNY 113585 FRCD 2005 A INST PM	Dreyfus Inst Treasury	MM Mutual Fund	Restricted	331,347.25
1123-000-20	Water	BNY 113588 FRCD 2005 A RATE STAB	Dreyfus Inst Treasury	MM Mutual Fund	Restricted	192,417.68
1121-000-20	Water	BNY 113587 FRCD 2005 A RES FD	Dreyfus Inst Treasury	MM Mutual Fund	Restricted	1.00
1101-000-20	Water	BNY 113764 FRCD 2002 A/B RATE STABILIZATION	Dreyfus Inst Treasury	MM Mutual Fund	Restricted	779,363.83
			<b>Subtotal</b>			<b>\$ 3,547,073.31</b>
1001-000-20	Water	CASH ON HAND			Unrestricted	\$ 300.00
HELD BY RIVER CITY BANK:						
1010-000-10	FRCD	RCB 1111057982 CHECKING ACCOUNT			Unrestricted	145,198.68
1010-000-20	Water	RCB 1111063486 GENERAL CHECKING			Unrestricted	396,106.45
1020-000-20	Water	RCB 1111028001 MONEY MARKET			Unrestricted	3,778,399.85
1030-000-20	Water	RCB 1111025851 CHARGE CARD ACCOUNT			Unrestricted	248,482.11
1040-000-20	Water	RCB 1111096589 HIGH YIELD MONEY MARKET			Unrestricted	3,179,213.94
1050-000-20	Water	RCB 1111099502 DEBT SERVICE ACCOUNT			Unrestricted	4.60
1060-000-20	Water	RCB 1111097844 PAYROLL ACCOUNT			Unrestricted	186,469.18
1070-000-20	Water	RCB 1111097933 WEB PAYMENT RECEIPTS			Unrestricted	240,774.42
			<b>Subtotal</b>			<b>\$ 8,174,649.23</b>
1080-000-20	Water	Office of the Treasurer - Sacramento California	LAIF	Investment Pool	Unrestricted	\$ 2,828,904.81
					N/A	
			<b>Total</b>			<b>\$ 14,550,927.35</b>
			<b>Total Restricted</b>			<b>\$ 3,547,073.31</b>
			<b>Total Unrestricted</b>			<b>\$ 11,003,854.04</b>

Consent  
Calendar Item

**Consultant Expenses**  
August 31, 2014

Consent  
Calendar Item? 

**Fiscal Retainer Contracts**

Consultant	Description	Current Month	Paid to date	Budget/Contract Amount	Percent of year (17%)
Best Best, & Krieger**	Task orders	13,770	25,988	185,000	14.05%
Solutions by BG, Inc.	Task orders	9,574	21,471	124,630	17.23%

**Project Specific Contracts**

Consultant	Description	Current Month	Paid to date	Budget/Contract Amount	Percent of Contract
CPS HR	Finance Recruitment	7,346	7,346	24,000	30.61%
HydroScience*	Hampton Water Treatment		62,409	62,853	99.29%
MC Engineering, Inc	Backflow On-Call	4,997	9,613	12,000	80.11%
Management Partners	Interm Finance Manager	5,847	21,080	49,258	42.80%

\*Capital Projects

\*\*Legal Cost detail - FY 14/15

Operations	62,409
FRCD/EDC	
Litigation	\$ 2,123
Other	
<b>TOTAL</b>	<u>2,123</u>

September 24, 2014

TO: Chairman and Directors of the Florin Resource Conservation District  
FROM: Ellen Carlson, Management Analyst  
SUBJECT: **2014 FARM BILL AND AGRICULTURAL CONSERVATION EASEMENT PROGRAM**

### **RECOMMENDATION**

This item is presented for information only. No action by the Board is proposed at this time.

### **Summary**

Earlier this month, US Department of Agriculture Secretary Tom Vilsack announced that \$328 million dollars would fund 380 conservation programs across the United States. This money is already allocated and will not result in new grant funding.

### **DISCUSSION**

#### **Background**

The Florin Resource Conservation District has an agreement with the local USDA/NRCS office and partnered on a number of conservation projects.

#### **Present Situation**

The \$328 million will fund the NRCS' Agricultural Conservation Easement Program (ACEP), which is a combination of three former programs. ACEP will fund two types of projects, wetland easements and agricultural land easements. Funding is granted to landowner applicants or Indian tribes. Funding for 2014 closed on June 6.

California applicants will receive \$22,308,020 in ACEP funding.

September 24, 2014

**2014 FARM BILL AND AGRICULTURAL CONSERVATION EASEMENT PROGRAM**

Page 2

**STRATEGIC PLAN CONFORMITY**

Seeking grant opportunities and cooperative partnerships comply with the District's Cooperative Program goals of the 2012-2017 Strategic Plan.

**FINANCIAL SUMMARY**

There is no direct financial impact associated with the ACEP at this time.

Respectfully submitted,



ELLEN CARLSON  
MANAGEMENT ANALYST

Attachments



## Overview

The Agricultural Conservation Easement Program (ACEP) provides financial and technical assistance to help conserve agricultural lands and wetlands and their related benefits.

Under the Agricultural Land Easements component, NRCS helps Indian tribes, state and local governments and non-governmental organizations protect working agricultural lands and limit non-agricultural uses of the land.

Under the Wetlands Reserve Easements component, NRCS helps to restore, protect and enhance enrolled wetlands.

# ACEP



Agricultural Conservation Easement Program

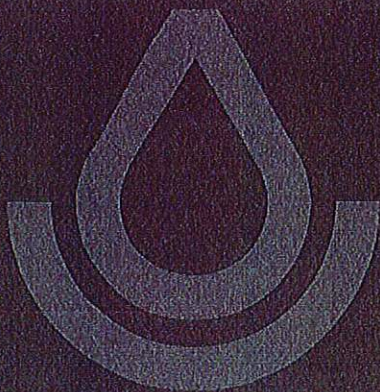


USDA's Natural Resources Conservation Service offers voluntary Farm Bill conservation programs that benefit agricultural producers and the environment.

## Benefits

Agricultural Land Easements protect the long-term viability of the nation's food supply by preventing conversion of productive working lands to non-agricultural uses. Land protected by agricultural land easements provides additional public benefits, including environmental quality, historic preservation, wildlife habitat and protection of open space.

Wetland Reserve Easements provide habitat for fish and wildlife, including threatened and endangered species, improve water quality by filtering sediments and chemicals, reduce flooding, recharge groundwater, protect biological diversity and provide opportunities for educational, scientific and limited recreational activities.



*Helping People Help the Land*

### **Agricultural Land Easements**

NRCS provides financial assistance to eligible partners for purchasing Agricultural Land Easements that protect the agricultural use and conservation values of eligible land. In the case of working farms, the program helps farmers and ranchers keep their land in agriculture. The program also protects grazing uses and related conservation values by conserving grassland, including rangeland, pastureland and shrubland. Eligible partners include Indian tribes, state and local governments and non-governmental organizations that have farmland or grassland protection programs.

Under the Agricultural Land component, NRCS may contribute up to 50 percent of the fair market value of the agricultural land easement. Where NRCS determines that grasslands of special environmental significance will be protected, NRCS may contribute up to 75 percent of the fair market value of the agricultural land easement.

### **Wetland Reserve Easements**

NRCS also provides technical and financial assistance directly to private landowners and Indian tribes to restore, protect, and enhance wetlands through the purchase of a wetland reserve easement. For acreage owned by an Indian tribe, there is an additional enrollment option of a 30-year contract.

Through the wetland reserve enrollment options, NRCS may enroll eligible land through:

- *Permanent Easements* are conservation easements in perpetuity. NRCS pays 100 percent of the easement value for the purchase of the easement, and between 75 to 100 percent of the restoration costs.
- *30-Year Easements* expire after 30 years. Under 30-year easements, NRCS pays 50 to 75 percent of the easement value for the purchase of the easement, and between 50 to 75 percent of the restoration costs.
- *Term Easements* are easements that are for the maximum duration allowed under applicable state laws. NRCS pays 50 to 75 percent of the easement value for the purchase of the term easement and between 50 to 75 percent of the restoration costs.
- *30-year Contracts* are only available to enroll acreage owned by Indian tribes. Program payment rates are commensurate with 30-year easements.

For wetland reserve easements, NRCS pays all costs associated with recording the easement in the local land records office, including recording fees, charges for abstracts, survey and appraisal fees, and title insurance.

### **Eligibility**

Land eligible for agricultural easements includes cropland,

rangeland, grassland, pastureland and nonindustrial private forest land. NRCS will prioritize applications that protect agricultural uses and related conservation values of the land and those that maximize the protection of contiguous acres devoted to agricultural use.

Land eligible for wetland reserve easements includes farmed or converted wetland that can be successfully and cost-effectively restored. NRCS will prioritize applications based the easement's potential for protecting and enhancing habitat for migratory birds and other wildlife.

To enroll land through agricultural land easements, NRCS enters into cooperative agreements with eligible partners. Each easement is required to have an agricultural land easement plan that promotes the long-term viability of the land.

To enroll land through wetland reserve easements, NRCS enters into purchase agreements with eligible private landowners or Indian tribes that include the right for NRCS to develop and implement a wetland reserve restoration easement plan. This plan restores, protects, and enhances the wetland's functions and values.

### **How to apply**

- *Agricultural land easements* - eligible partners may submit

proposals to NRCS to acquire conservation easements on eligible land.

- *Wetland reserve easements* - landowners may apply at any time at a local USDA Service Center.

### **More Information**

For more information visit your local USDA Service Center or the NRCS Farm Bill website at [www.nrcs.usda.gov/farbill](http://www.nrcs.usda.gov/farbill).

### **Find your local USDA Service Center**

<http://offices.usda.gov>

### **What's New in ACEP**

The ACEP is a new program that consolidates three former programs -- the Wetlands Reserve Program, Grassland Reserve Program, and Farm and Ranch Lands Protection Program.



This wetland area is used as an outdoor classroom on the Pyramid Lake Indian Reservation, Washoe County, NV.

[www.nrcs.usda.gov](http://www.nrcs.usda.gov).

**Natural Resources Conservation Service**

USDA is an equal opportunity provider and employer.

September 24, 2014

TO: Chairman and Directors of the Florin Resource Conservation District  
FROM: Ellen Carlson, Management Analyst  
SUBJECT: **CONSERVATION ACTIVITIES – AUGUST, 2014**

---

### **RECOMMENDATION**

This item is presented for information only. No action by the Board is proposed at this time.

### **Summary**

The Board has requested a monthly summation of FRCD activities performed by the Board and Staff.

### **DISCUSSION**

#### **Background**

The Stone Lakes National Wildlife Refuge (Refuge), on the western most area of the Florin Resource Conservation District (FRCD), provides critical habitat for both local wildlife and migratory bird populations. In 2004, at the time of her hire, staff Ellen Carlson was directed by the FRCD board of directors to build a relationship with the Refuge. Ellen is now a member of the Friends of the Stone Lakes National Wildlife Refuge (Friends) board of directors and the immediate past-president. The Friends group is responsible for advocating on behalf of the Refuge, offering educational programs for local school districts, public outreach and management of mitigation funds.

The Central Valley Rails to Trails Foundation (CVRTF) is a local nonprofit dedicated to the conversion of the Central California Traction Corridor (CCT) to a recreational trail for equestrians, cyclists and pedestrians. The CCT is an old rail line owned by Union Pacific Railroad that runs from Sacramento to Stockton in a large curve and crosses through the FRCD. The line has been abandoned for many years, but is being considered as an alternative route for the high speed rail system. While awaiting the final decision on the high speed rail route, the CVRTF chooses to remain visible and active within the Elk Grove/Wilton community by hosting fund raisers for Project



**CONSERVATION ACTIVITIES – AUGUST, 2014**

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Page 2

R.I.D.E., another Elk Grove nonprofit. Project R.I.D.E. provides therapeutic horseback rides to special needs children and adults. The FRCD has provided assistance to Project R.I.D.E. in the past through coordination of funding for native plant restoration at the horses' stabling area.

In 2004, Ellen Carlson received board direction to develop a relationship with the CVRTF and has been a peripheral supporter for many years. In 2013, she was elected to the CVRTF board of directors.

**Present Situation**

2014 marks the 20<sup>th</sup> anniversary of the Refuge and the Friends are planning a celebratory event for November 2. The FRCD Board of Directors will be receiving invitations to this event. The celebration will be held from 10 AM until 1 PM at the Blue Heron Trails on Hood-Franklin Road.

On October 11, the CVRTF will host TrailFest at Project RIDE. TrailFest features tastings from wineries, breweries and restaurants from all over southern Sacramento County, live and silent auctions, and live music. The FRCD has supported TrailFest for many years through contributions to the silent auction.

**STRATEGIC PLAN CONFORMITY**

Seeking grant opportunities and cooperative partnerships comply with the District's Cooperative Program goals of the 2012-2017 Strategic Plan.

**FINANCIAL SUMMARY**

There is no direct financial impact associated the FRCD activities at this time.

Respectfully submitted,



ELLEN CARLSON  
MANAGEMENT ANALYST

September 24, 2014

TO: Chairman and Directors of the Florin Resource Conservation District  
FROM: Mark J. Madison, General Manager  
SUBJECT: **OPERATIONS REPORT – AUGUST 2014**

---

### **RECOMMENDATION**

This item is presented for information only. No action by the Board is proposed at this time.

### **Summary**

The Operations Report is a standing item on the regular board meeting agenda.

All regulatory requirements were met for the month of August. Other notable events are described below.

### **DISCUSSION**

#### **Background**

Every month, staff presents an update of the activities related to the operations of the District. Included for the Board's review is the Operations Report.

#### **Present Situation**

The July Operations Report highlights are as follows:

- **Operations Activity Report** – Information yielded in this section is derived from the District's Cityworks database. Notable items in the activity report are that the District hung 528 door hangers for past due balances which resulted in 57 shutoffs.
- **Production** – The Combined Total Production graph on page 13 shows that production during the month of August decreased compared to August 2013. The production decrease could be attributable to voluntary customer reductions in water consumption due to the drought. The decrease in production can no longer

**OPERATIONS REPORT – AUGUST 2014**

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Page 2

be attributed to the closing of the intertie because the intertie was closed on February 27, 2013.

- **Static/Pumping Levels** – The 3rd quarter soundings were completed on all active wells.
- **Treatment** – All samples taken during the month of August are in compliance with all regulatory permit requirements. No exceedances of any maximum contaminant levels were found and all water supplied to the District's customers met or exceeded safe drinking water standards.
- **Maintenance** – All preventative maintenance activities were performed during the month of August in conformance with the District's Preventative Maintenance Program. The tables included in this section of the report also include certain activities completed to date in August. Below is a list of out-of-ordinary maintenance work completed in August.
  - Treatment staff assisted the other divisions by performing various required bacteriological sampling during district construction projects.
  - Several investigations regarding backflow prevention and Cross-Connection Control were performed throughout the month.
  - Staff compiled and mailed all backflow test notices for the month of August.
  - The pneumatic tank at Well #9 Polhemus was flushed, sampled, and put back online after recoating procedure was completed.
  - Treatment personnel removed, flushed and cleaned the sludge from the Backwash Settling Tank.
  - Staff painted chemical shed at Well #3 Marvel.
  - Contracted services increased the pumping depth at Well #1D School.
- **Backflow** – There were fifty-four (54) notices issued for the month of August, 2014. Twelve (12) devices passed on the initial test. A total of three (3) devices failed on the initial test, but all of them passed on the final test performed. There were thirty-eight (38) secondary notices issued for devices that were not received by the end of August 2014. There are a **total** seventy-three (73) devices overall that are outstanding (including prior months) as of the date of this report, which will require further investigation.
- **Leak Map** – There was one (1) service line leak and two (2) main line leaks reported in August.

**OPERATIONS REPORT – AUGUST 2014**

Page 3

- **Meter Retrofit** – The Utility Department installed zero meters for residential backyard services.
- **Safety Report** – There were five (5) safety training sessions conducted in August. Only two (2) safety sessions are required by OSHA standards.

**STRATEGIC PLAN CONFORMITY**

The District's Strategic Plan addresses responsible business practices and the importance of providing the community with safe drinking water. The Operations Report is a key document for managing the District's distribution and treatment system. The Operations Report assists the District toward its responsibility of delivering safe drinking water.

**FINANCIAL SUMMARY**

There is no financial impact associated with this report.

Respectfully Submitted,



MARK J. MADISON, P.E.  
GENERAL MANAGER

MJM/mcn

# Elk Grove Water District

## Operations Report

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# Operations Activity Report

<b><u>Service Requests:</u></b>	Aug-14		YTD (Since July 1, 2014)	
<b><u>Division</u></b>	<u>Service Request</u>	<u>Hours</u>	<u>Service Request</u>	<u>Hours</u>
<b>Distribution</b>				
Low Pressure	6	4	11	5.5
Water Quality	1	0.25	4	2.5
Door Hangers	528	26	921	49.25
Shut offs	57	19.5	118	36.5
Turn ons	63	13	137	28
Investigations	114	28.5	253	63.25
USA Locates	71	17.75	208	52
Customer Complaints	0	0	0	0

---

<b><u>Work Orders:</u></b>	Aug-14		YTD (Since July 1, 2014)	
<b><u>Division</u></b>	<u>Work Orders</u>	<u>Hours</u>	<u>Work Orders</u>	<u>Hours</u>
<b>Treatment:</b>				
Preventative Maint.	16	118	31	185
Corrective Maint.	1	4	4	32
Water Samples	12	38	33	91
<b>Distribution:</b>				
Meters Installed	3	34	3	34
Preventative Maint	0	0	0	0
Corrective Maint	17	97.5	42	204
Valve Exercising	101	24.5	202	47.5
Valve Locates	0	0	0	0
Hydrant Maintenance	0	0	43	38
Hydrant Flushing	0	0	0	0
<b>Utility:</b>				
Meters Installed	0	0	1	14
Corrective Maint	1	182	1	182







## Elk Grove Water District

### Monthly Production

Well 1D School -- August 2014  
(Well Offline)

**Selected Month Production**  
0 Gallons

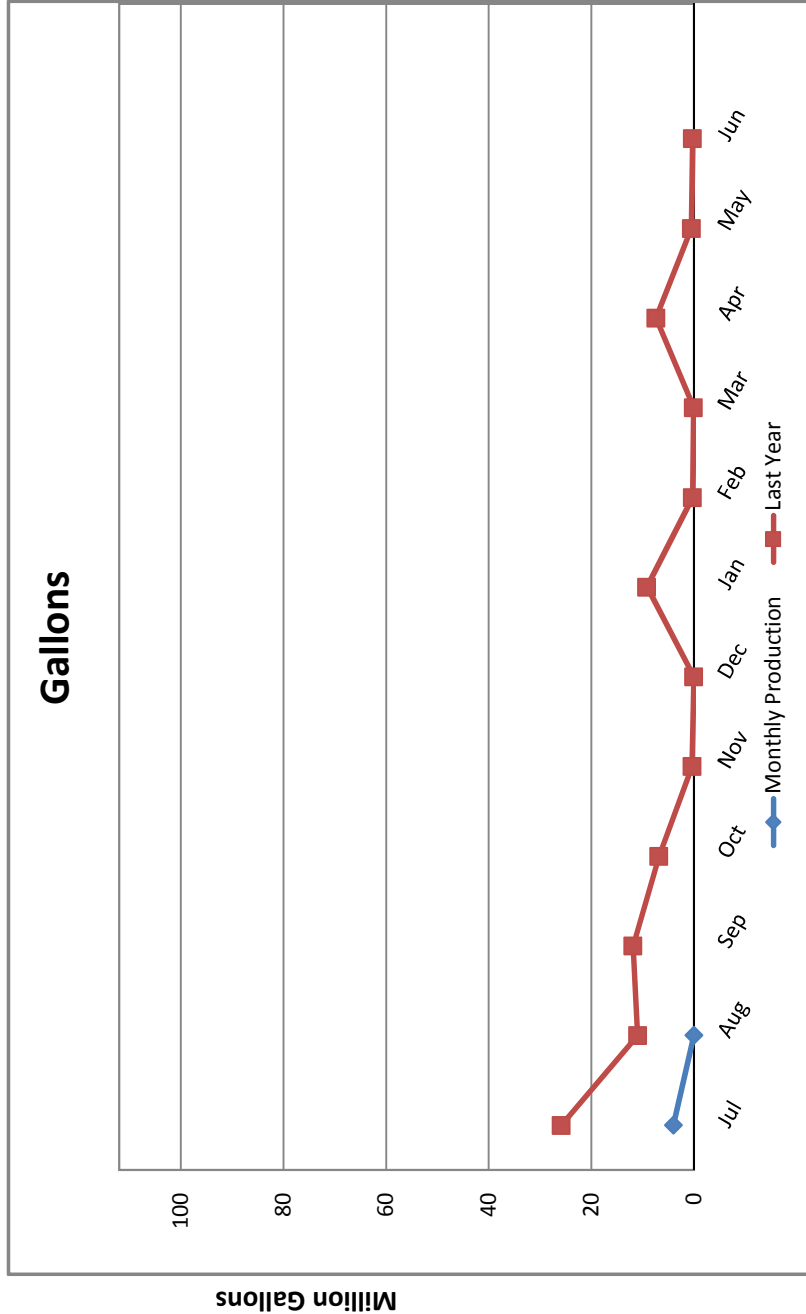
Average GPM: 0

**Motor:**  
Volts: 489  
Volts (Rated): 460  
RPM: n/a  
RPM (Rated): 2115  
Amps A: n/a  
Amps A (Rated): 222  
Amps B: n/a  
Amps B (Rated): 222  
Amps C: n/a  
Amps C (Rated): 222

Motor Temp: n/a  
Hour Meter: 0.00  
KW Hour Total: 720.00

**Chlorine:**  
Dosing: n/a  
Demand: n/a  
Residual: n/a

**Vibration Reading:**  
Base Line: n/a  
Current: n/a





# Elk Grove Water District

## Monthly Production

Well 4D Webb -- August 2014

**Selected Month Production**  
76,142,226 Gallons

Average GPM:  
1,705

**Motor:**

Volts: 471  
Volts (Rated): 460  
RPM: 1892  
RPM (Rated): 1775  
Amps: 183  
Amps (Rated): 225

\*Due to safety reasons, three separate AMP readings were not collected.

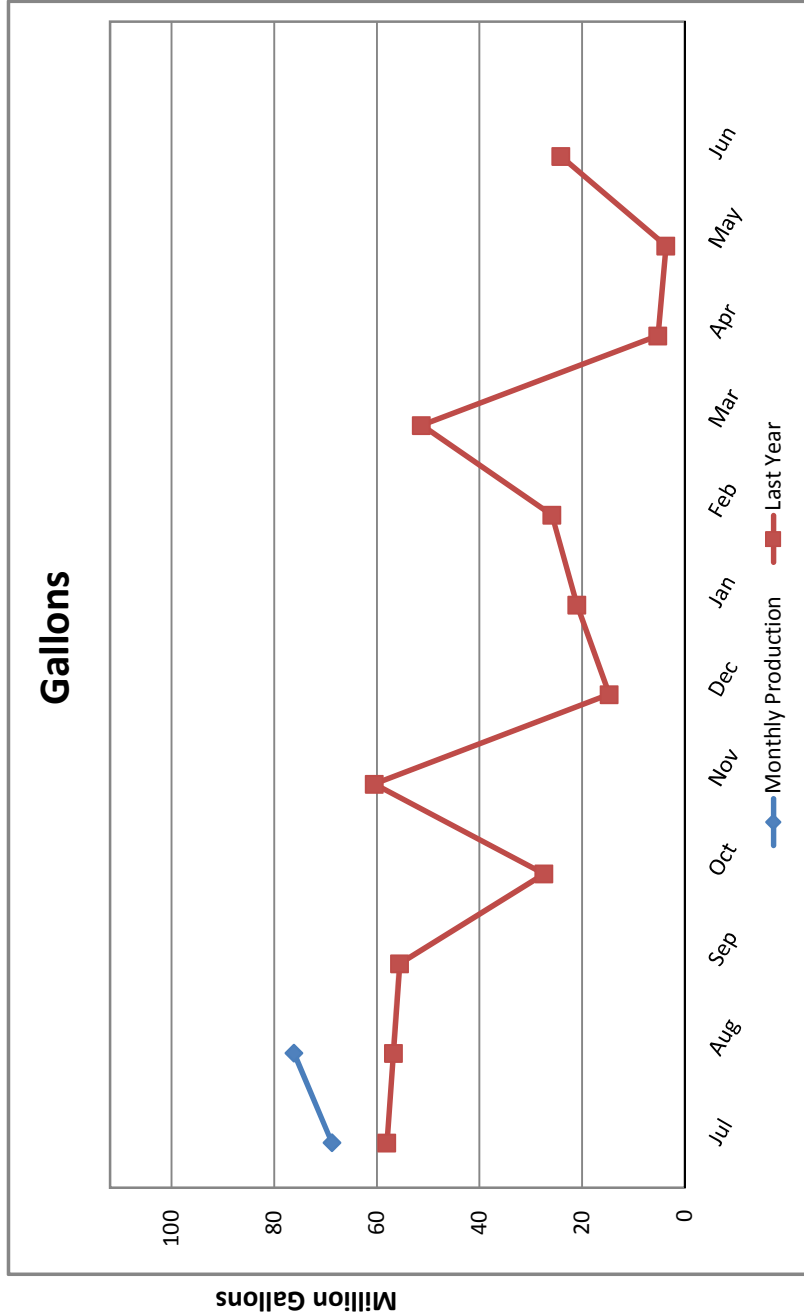
Motor Temp: 131.5 F  
Hour Meter: 743.90  
KW Hour Total: 90,360.00

**Chlorine:**

Dosing: 1.59 mg/L  
Demand: 0.42 mg/L  
Residual: 1.17 mg/L

**Vibration Reading:**

Base Line: 0.02 in/sec  
Current: 0.05 in/sec





## Elk Grove Water District

### Monthly Production

Well 11D Dino -- August 2014

**Selected Month Production**  
39,111,067 Gallons

Average GPM:  
1,701

**Motor:**

Volts: 471  
Volts (Rated): 460  
RPM: 1921  
RPM (Rated): 1775  
Amps: 189  
Amps (Rated): 225

\*Due to safety reasons, three separate AMP readings were not collected.

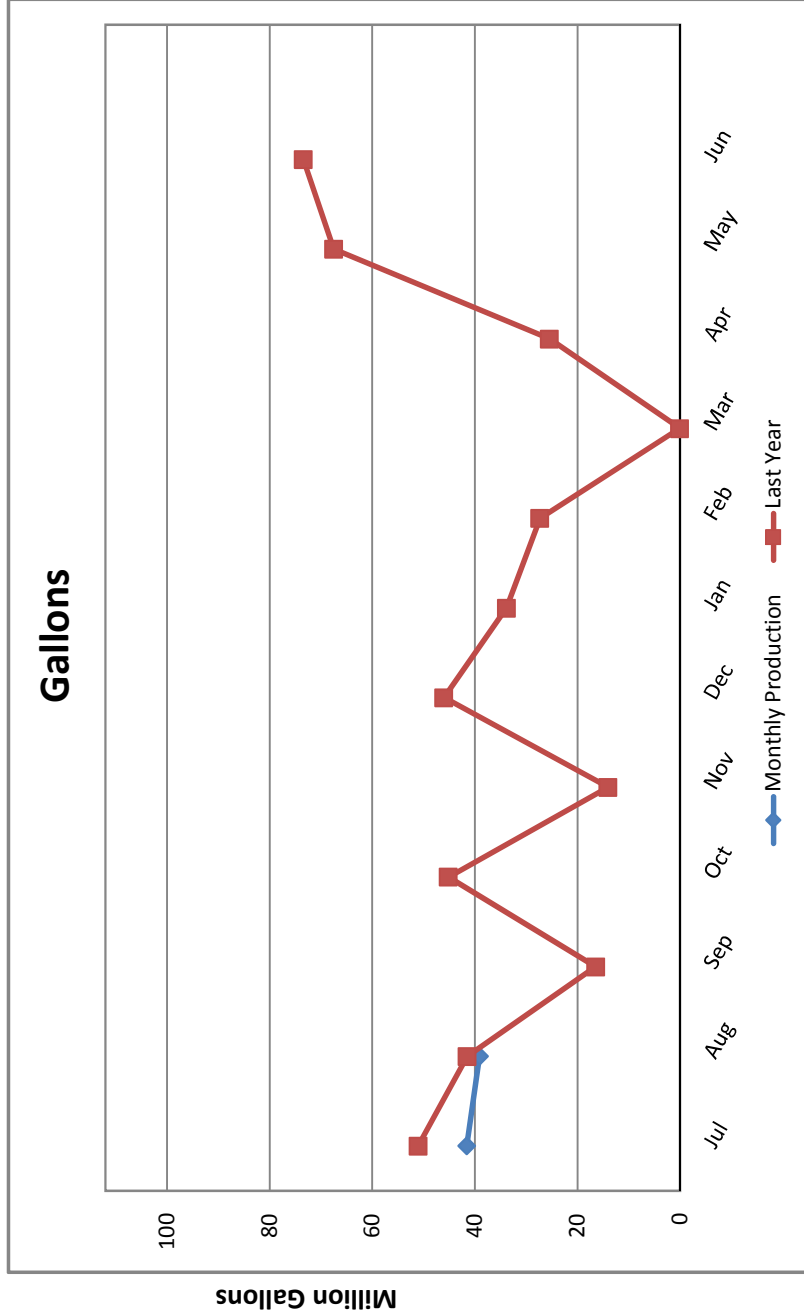
Motor Temp: 143 F  
Hour Meter: 383.10  
KW Hour Total: 49,440.00

**Chlorine:**

Dosing: 1.61 mg/L  
Demand: 0.44 mg/L  
Residual: 1.17 mg/L

**Vibration Reading:**

Base Line: 0.02 in/sec  
Current: 0.05 in/sec





# Elk Grove Water District

## Monthly Production

Well 14D Railroad -- August 2014

**Selected Month Production**  
30,625 Gallons

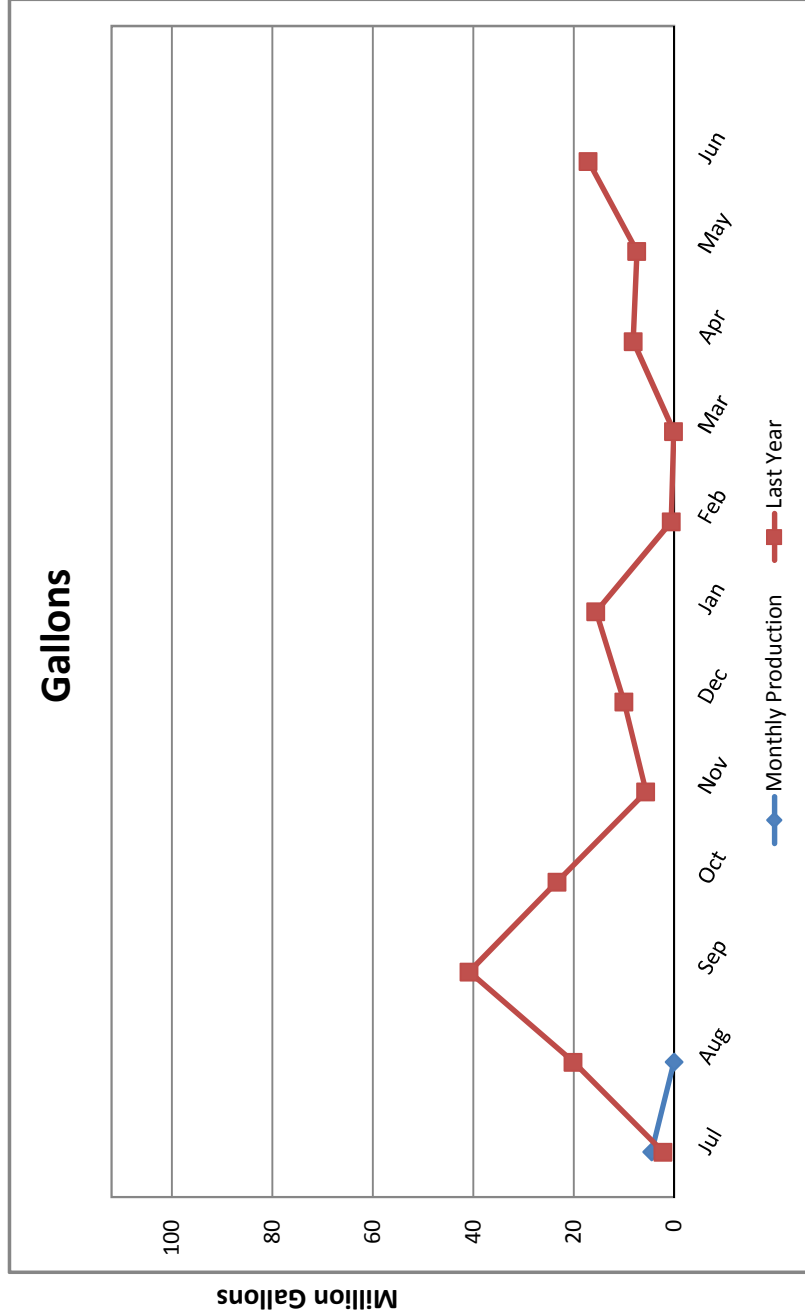
Average GPM:  
1,701

**Motor:**  
Volts: n/a  
Volts (Rated): 460  
RPM: 2104  
RPM (Rated): 2005  
Amps A: n/a  
Amps A (Rated): 171  
Amps B: n/a  
Amps B (Rated): 171  
Amps C: n/a  
Amps C (Rated): 171

Motor Temp.: 122 F  
Hour Meter: 0.30  
KW Hour Total: 78,880.00  
(KWH total is for the entire facility)

**Chlorine:**  
Dosing: 1.59 mg/L  
Demand: 0.39 mg/L  
Residual: 1.2 mg/L

**Vibration Reading:**  
Base Line: 0.02 in/sec  
Current: 0.06 in/sec





# Elk Grove Water District

## Monthly Production

Well 3 Marvel -- August 2014

**Selected Month Production**  
12,252,000 Gallons

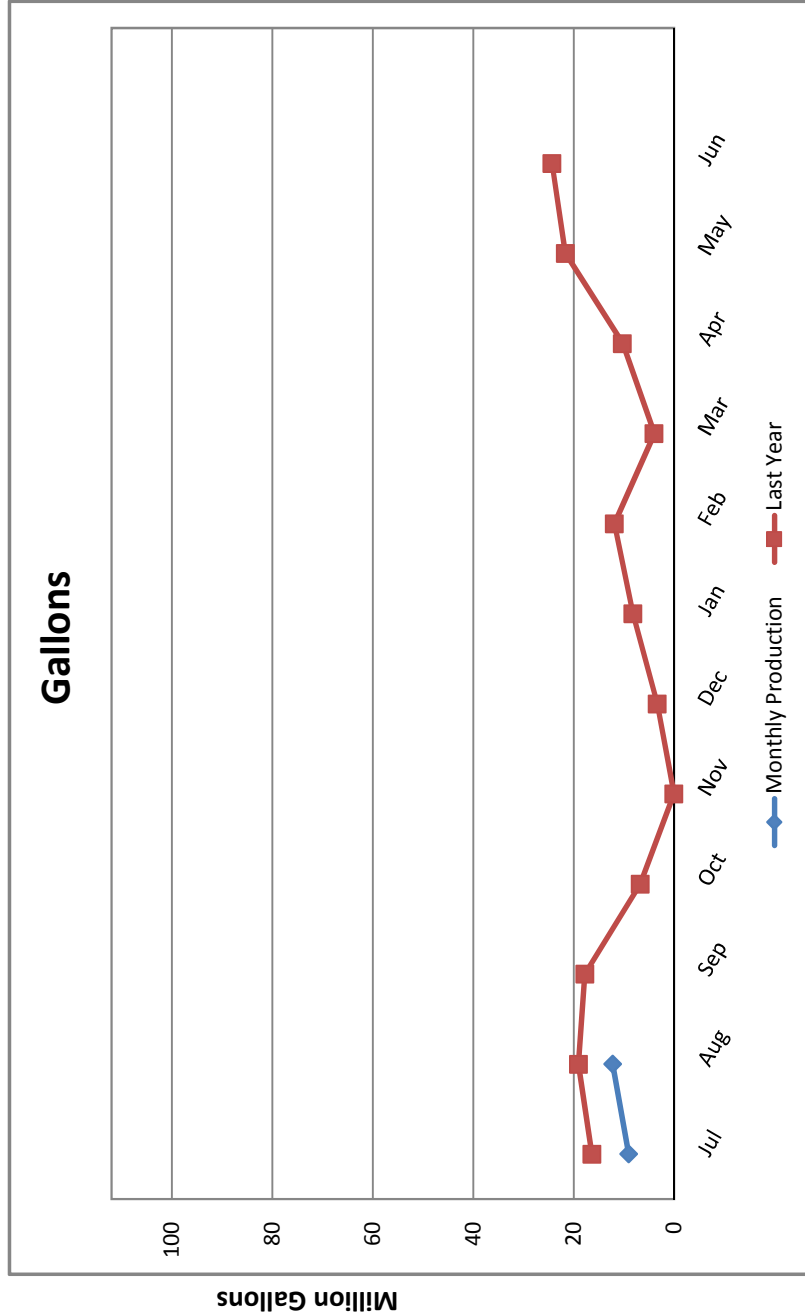
Average GPM: 908

**Motor:**  
 Volts: 477  
 Volts (Rated): 460  
 RPM: 2017  
 RPM (Rated): 1770  
 Amps A: 88  
 Amps A (Rated): 88  
 Amps B: 87  
 Amps B (Rated): 88  
 Amps C: 89  
 Amps C (Rated): 88

Motor Temp.: 181 F  
 Hour Meter: 224.90  
 KW Hour Total: 13,810.00

**Chlorine:**  
 Dosing: 1.1 mg/L  
 Demand: 0.14 mg/L  
 Residual: 0.96 mg/L

**Vibration Reading:**  
 Base Line: 0.02 in/sec  
 Current: 0.08 in/sec





# Elk Grove Water District

## Monthly Production

Well 8 Williamson -- August 2014

**Selected Month Production**  
8,970,000 Gallons

Average GPM: 882

**Motor:**

Volts: 457  
 Volts (Rated): 460  
 RPM: 2022  
 RPM (Rated): 1780  
 Amps A: 88  
 Amps A (Rated): 87  
 Amps B: 86  
 Amps B (Rated): 87  
 Amps C: 87  
 Amps C (Rated): 87

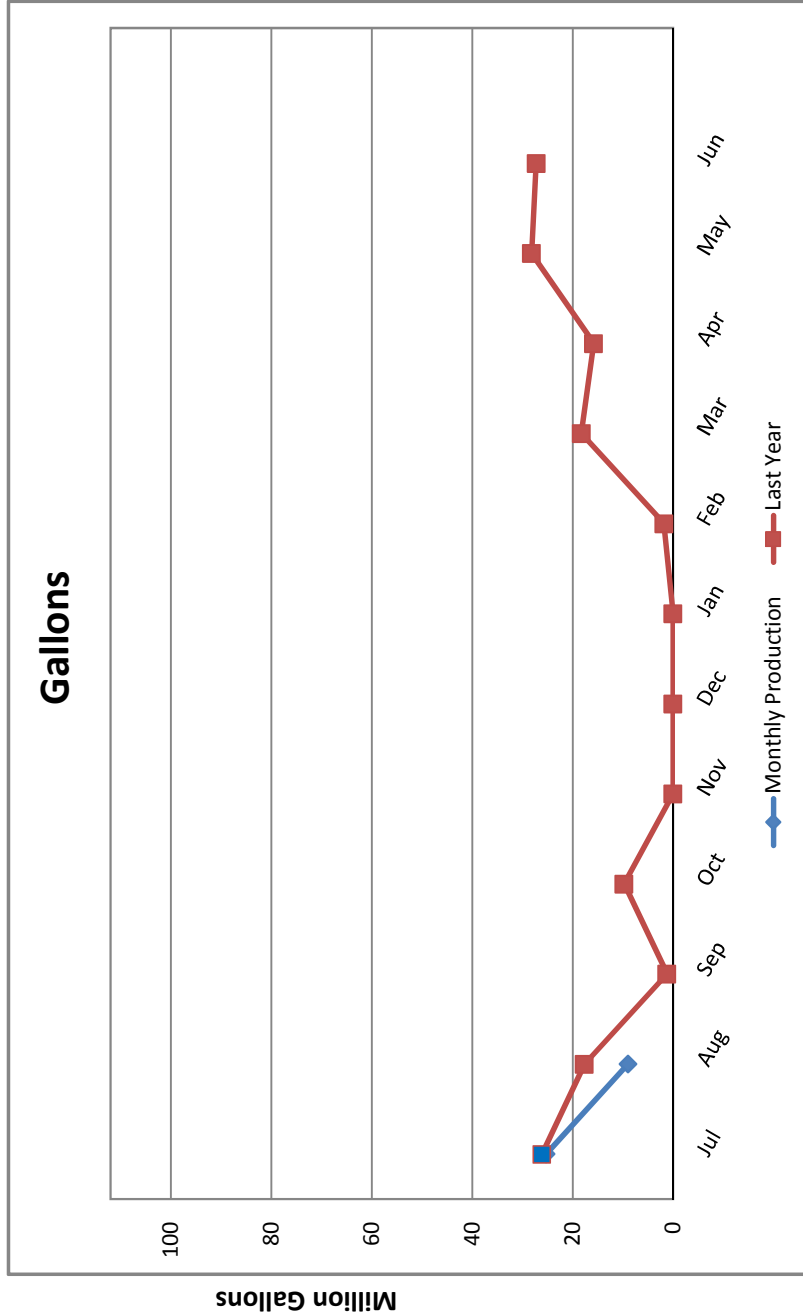
Motor Temp.: 115 F  
 Hour Meter: 169.40  
 KW Hour Total: 10,793.00

**Chlorine:**

Dosing: 1.24 mg/L  
 Demand: 0.1 mg/L  
 Residual: 1.14 mg/L

**Vibration Reading:**

Base Line: 0.03 in/sec  
 Current: 0.05 in/sec





## Elk Grove Water District

### Monthly Production

Well 9 Polhemus -- August 2014  
(Submersible)

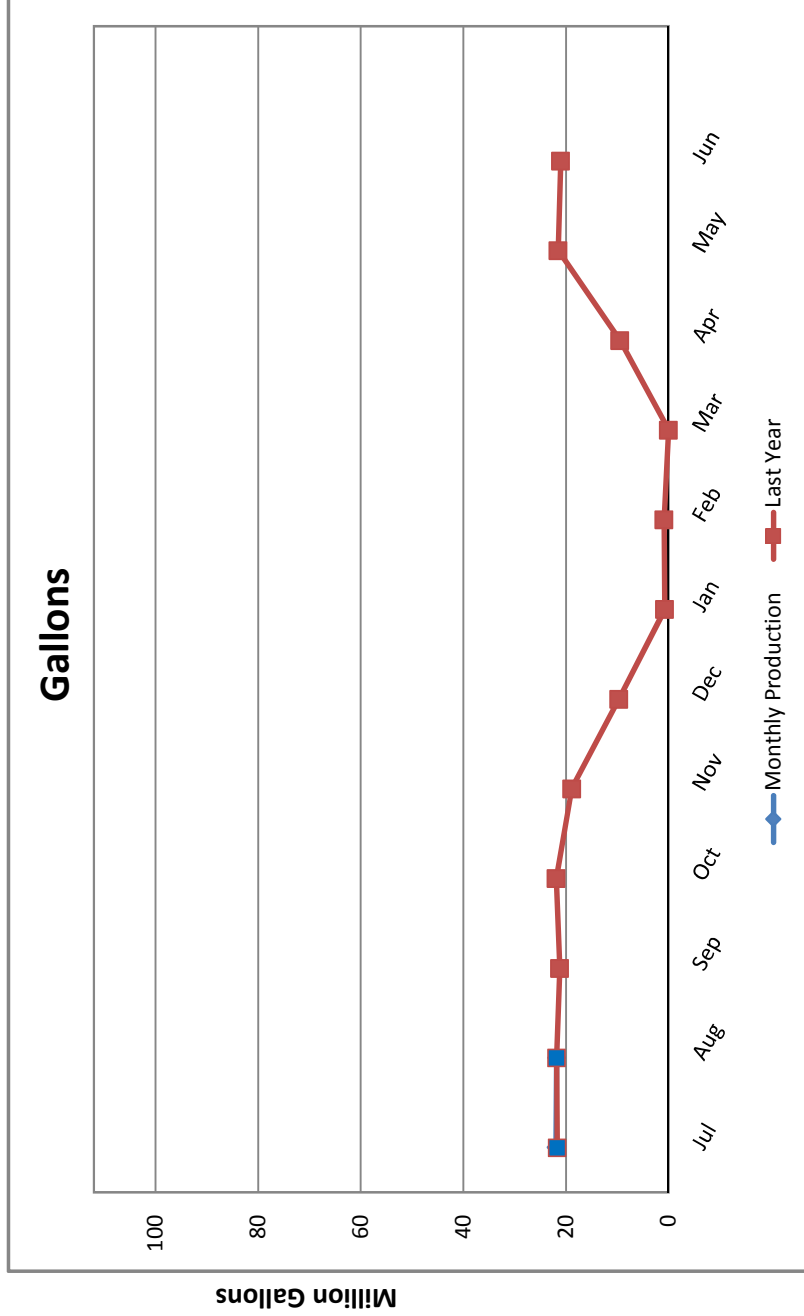
**Selected Month Production**  
21,823,000 Gallons

**Average GPM:** 490

**Motor:**  
Volts: 484  
Volts (Rated): 460  
  
Amps A: 58  
Amps A (Rated): 65  
Amps B: 58  
Amps B (Rated): 65  
Amps C: 61  
Amps C (Rated): 65

**Hour Meter:** 742.20  
**KW Hour Total:** 29,411.00

**Chlorine:**  
Dosing: 1.13 mg/L  
Demand: 0.18 mg/L  
Residual: 0.95 mg/L





# Elk Grove Water District

## Monthly Production

SCWA Turnout - August 2014

Selected Month Production  
0 Gallons

Average GPM:  
0.00

Peak Hour Demand  
-

Peak Day Demand  
-

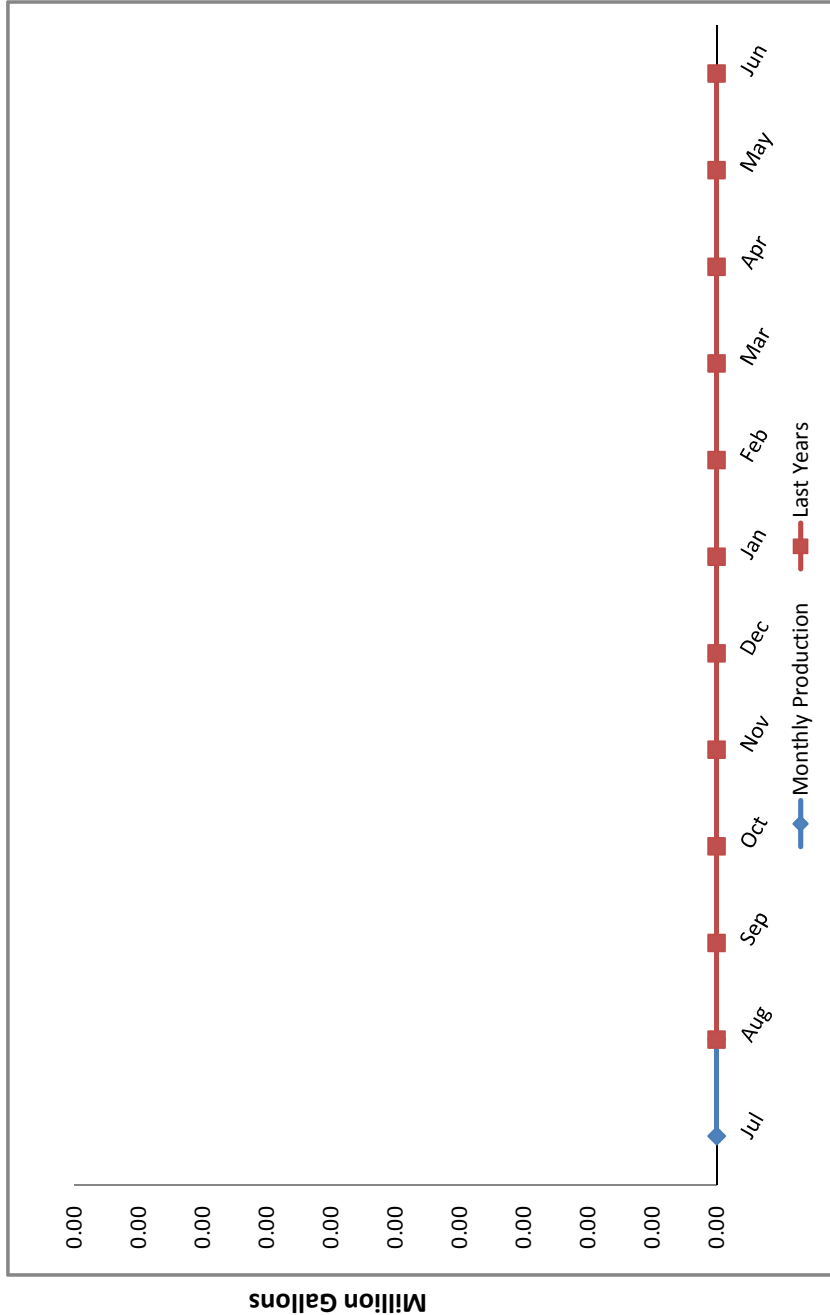
### Monthly Tiered

Usage	Gallons Used
Tier 1	-
Tier 2	-
Tier 3	-

### Year To Date

Peak Hr Demand	0
Peak Day Demand	0

Usage	Cost
Tier 1	0
Tier 2	0
Tier 3	0
<b>Total</b>	<b>0 \$0.00</b>







# Elk Grove Water District

## Combined Total Production

Aug-2014

**Current Month Production:**

158,328,918 Gallons

**Highest Day Demand of the Month:** 5,837,000  
**Date of Occurrence:** 1-Aug-14

**Highest Day Demand of the Fiscal Year:** 6,498,000  
**Date of Occurrence:** 4-Jul-14

**"Water Year" Rainfall: (Oct-13 to Sep-14)**

**Current Month:** 0.00 in  
**Year To Date:** 8.14 in

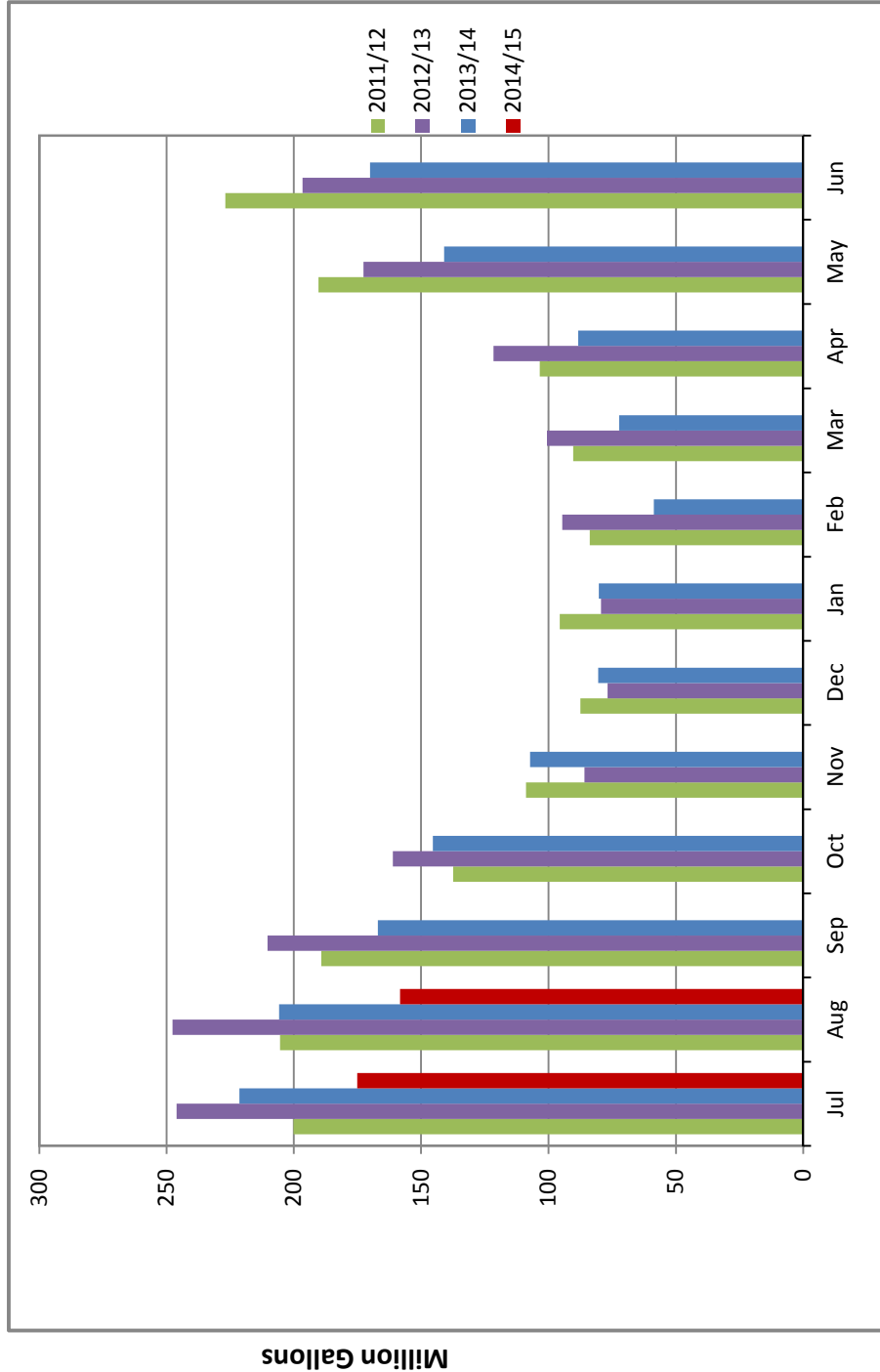
**"Water Year" Rainfall: (Oct-12 to Sep-13)**

**August 2013:** 0.00 in  
**Year To Date:** 14.49 in  
**Last Year Total:** 15.08 in

**Temperature:**

**This Month High:** 104 F  
**This Month Low:** 56 F

**AUG-13 High:** 104 F  
**AUG-13 Low:** 53 F

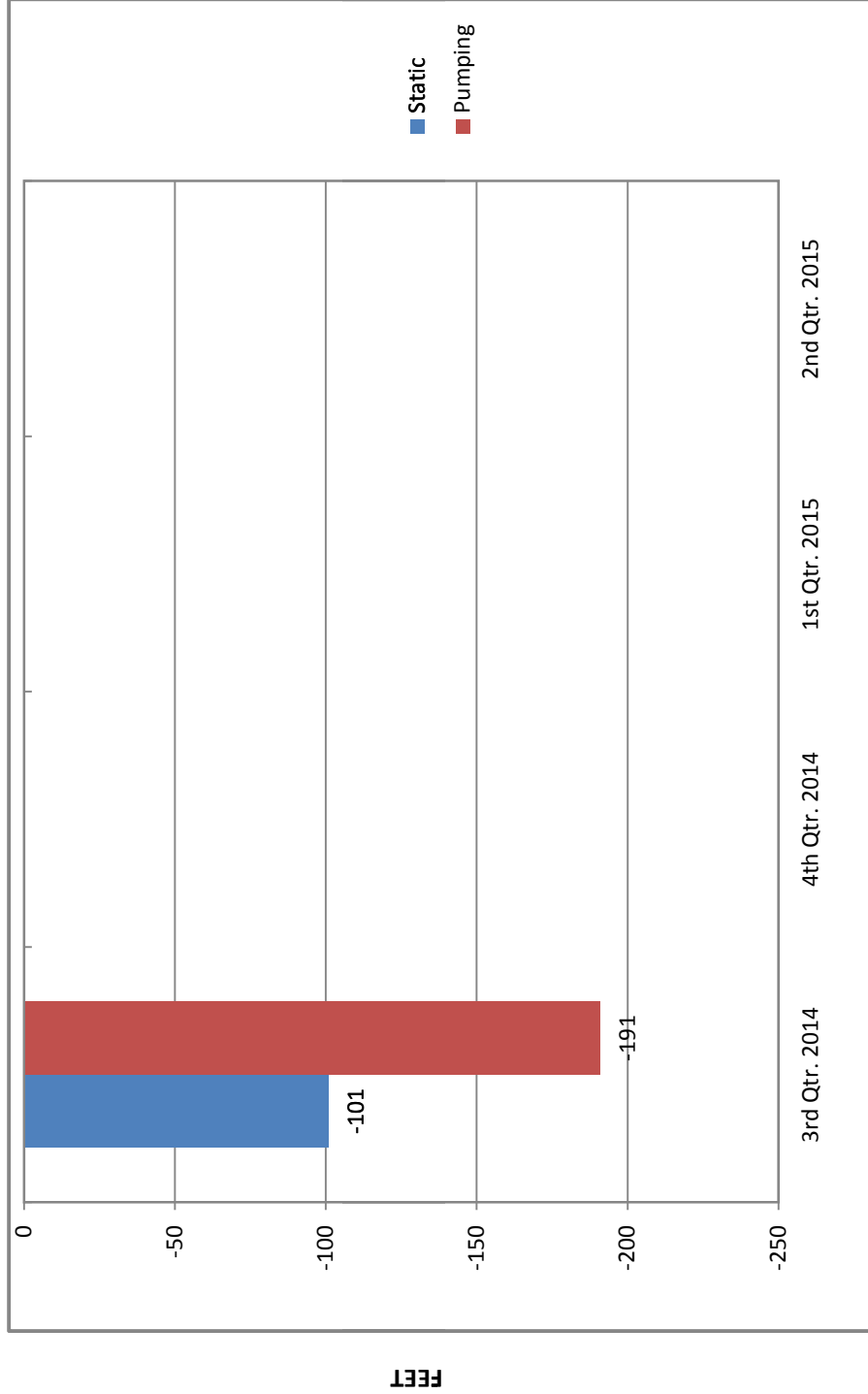




# Elk Grove Water District

## Static and Pumping Levels

Well 1D School St



### Latest Well Sounding

**Static:** 101 Ft

**Pumping:** 191 Ft

**Drawdown:** 90 Ft

**GPM:** 1,813.00

**Specific Capacity:** 20.144

### Latest Sand Tester Results:

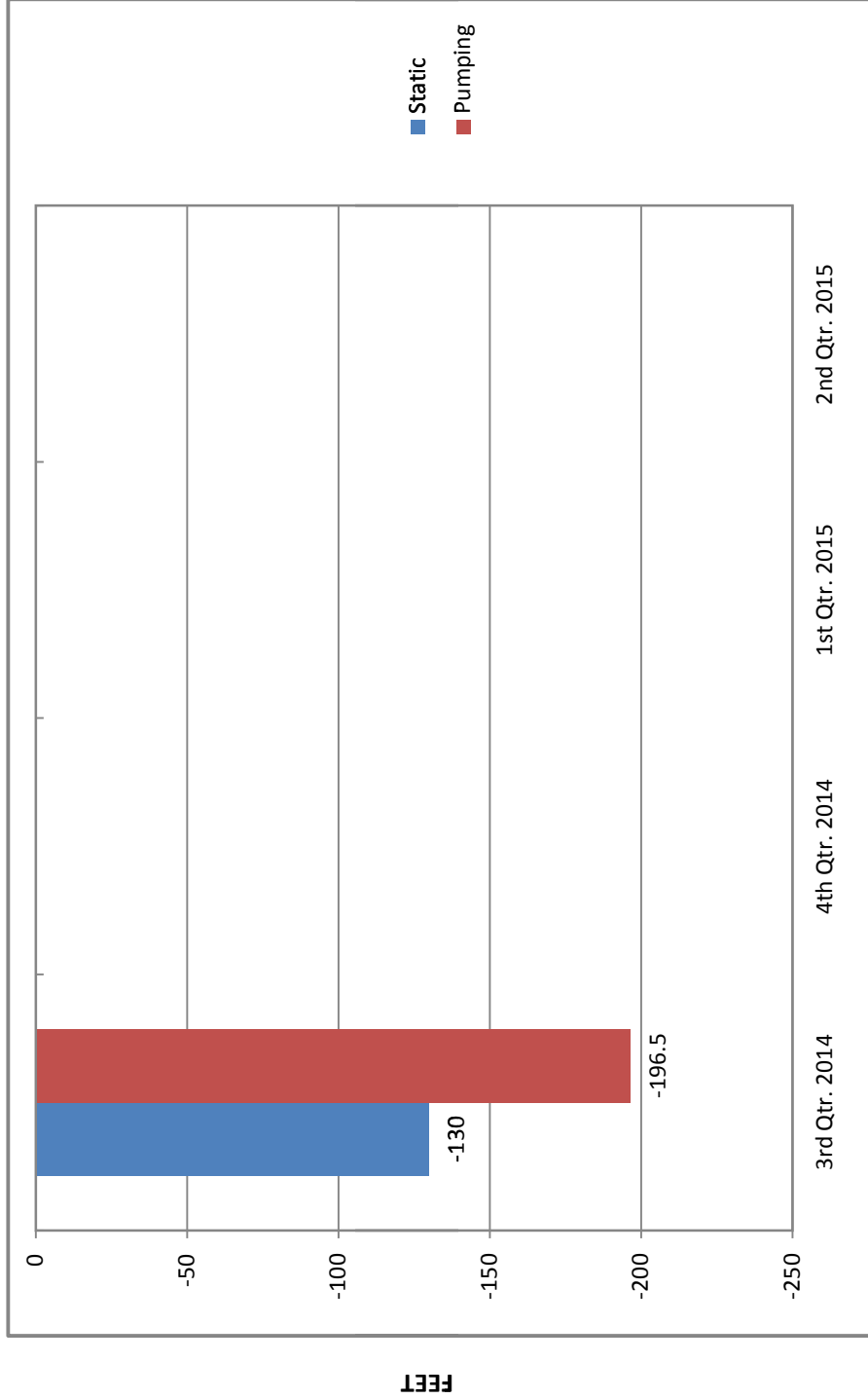
15 Min: < 5 ppm



# Elk Grove Water District

## Static and Pumping Levels

Well 4D Webb St



### Latest Well Sounding

**Static:** 130 Ft  
**Pumping:** 196.5 Ft  
**Drawdown:** 66.5 Ft  
**GPM:** 1,692.00  
**Specific Capacity:** 25.444

### Latest Sand Tester Results:

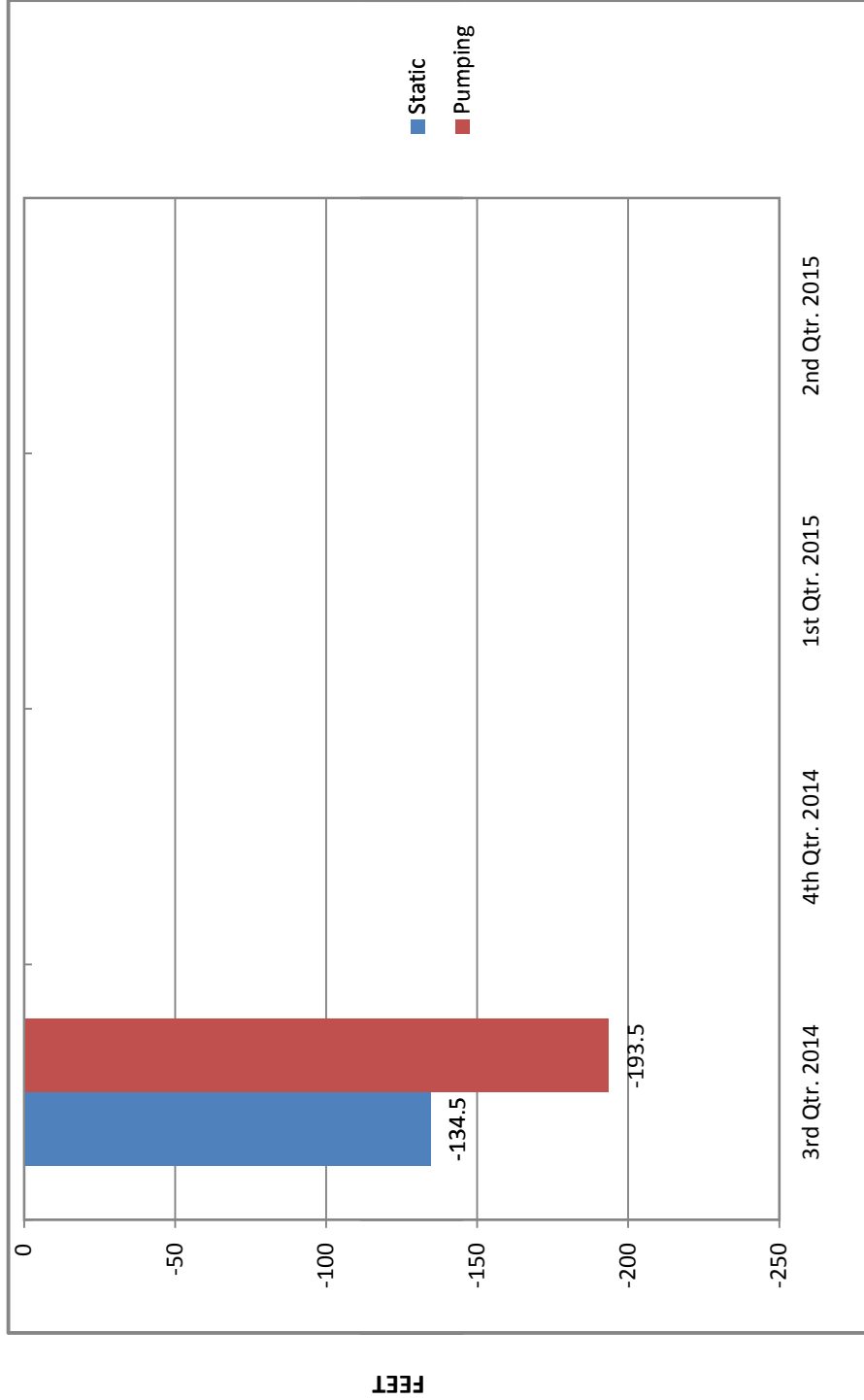
15 Min: < 5 ppm



# Elk Grove Water District

## Static and Pumping Levels

Well 11D Dino



### Latest Well Sounding

**Static:** 134.5 Ft  
**Pumping:** 193.5 Ft  
**Drawdown:** 59 Ft  
**GPM:** 1,635.00  
**Specific Capacity:** 27.712

### Latest Sand Tester Results:

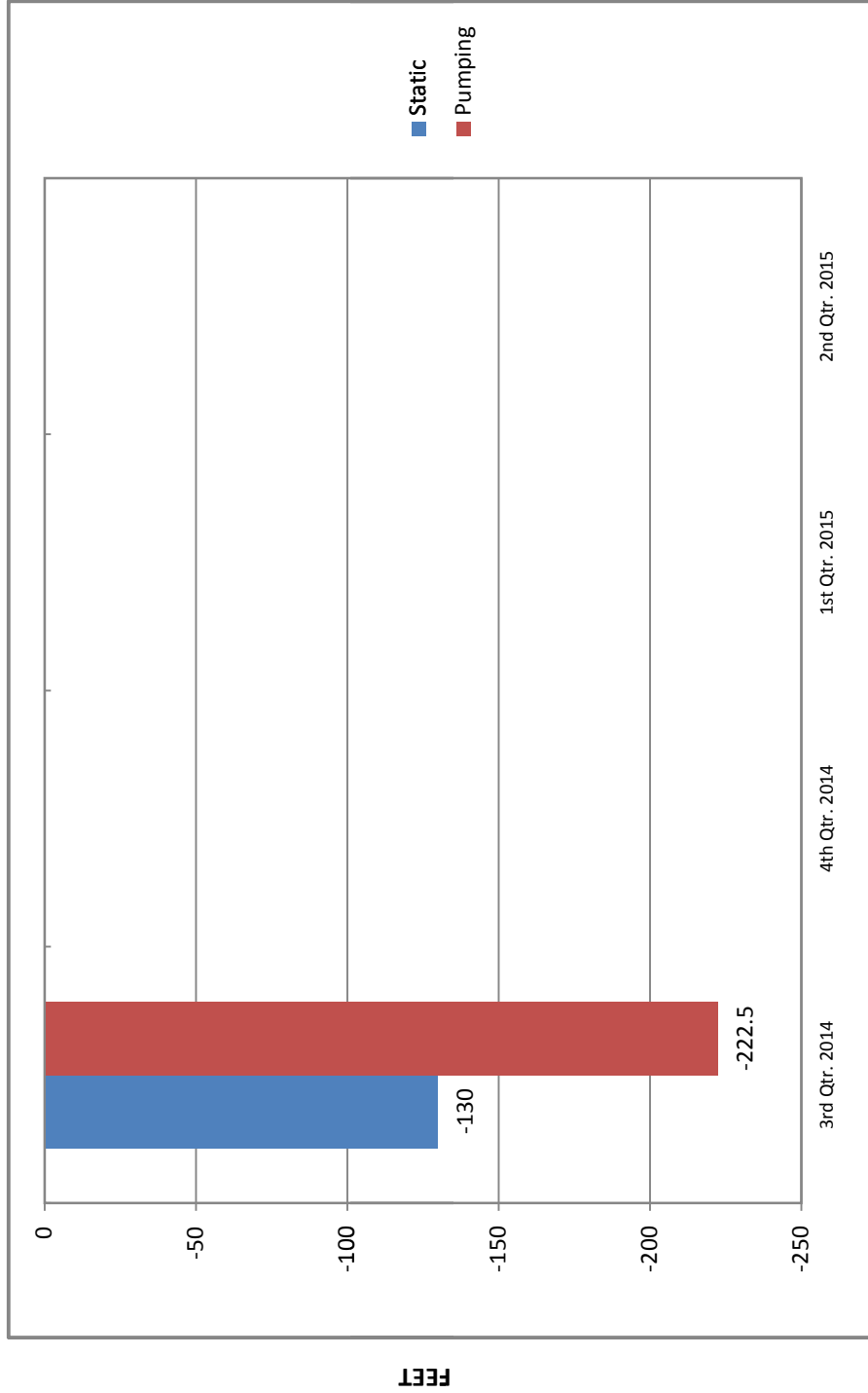
15 Min: < 5 ppm



# Elk Grove Water District

## Static and Pumping Levels

Well 14D Railroad



### Latest Well Sounding

**Static:** 130 Ft  
**Pumping:** 222.5 Ft  
**Drawdown:** 92.5 Ft  
**GPM:** 1,580.00  
**Specific Capacity:** 17.081

### Latest Sand Tester Results:

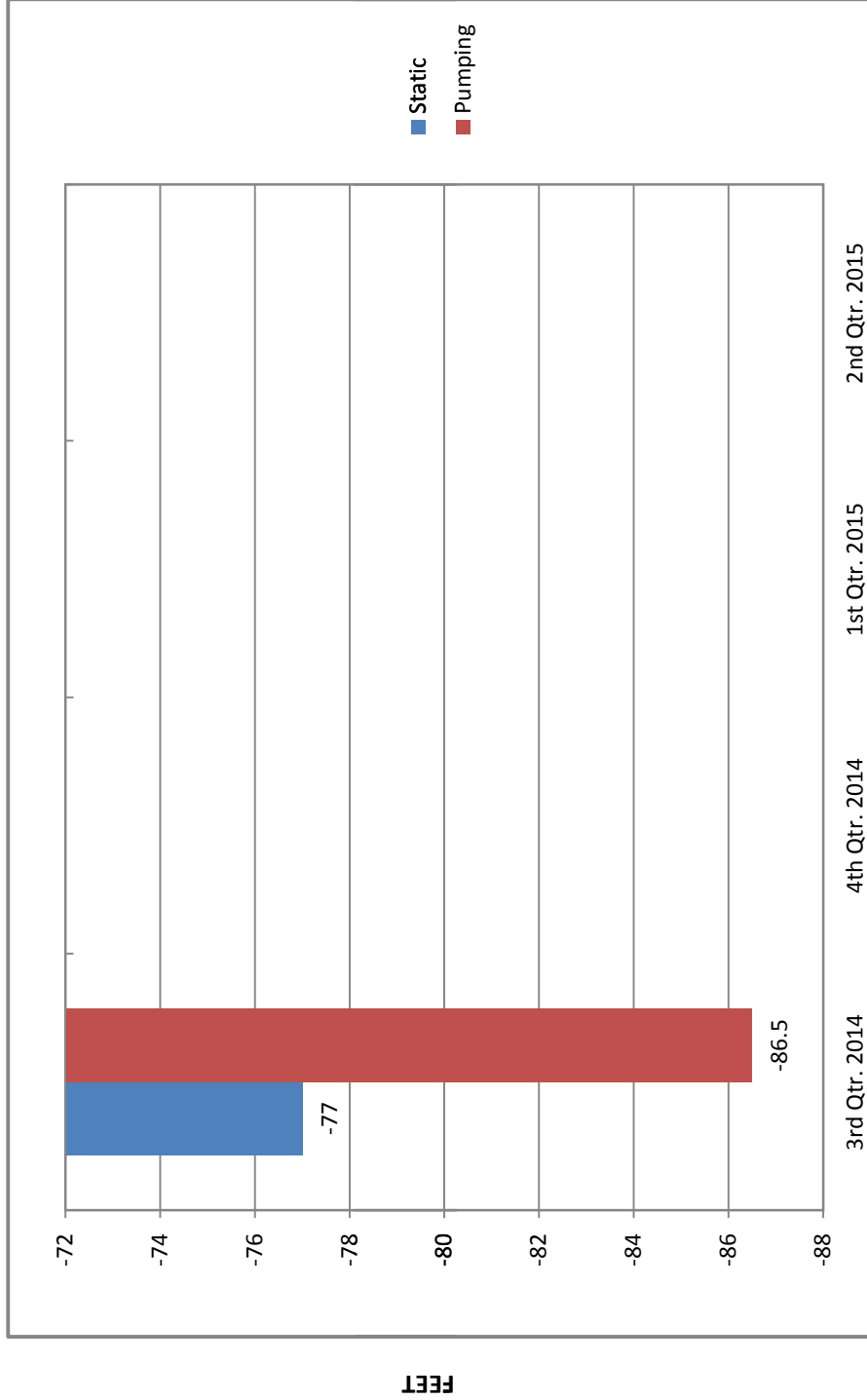
15 Min: < 5 ppm



# Elk Grove Water District

## Static and Pumping Levels

Well 3 Marvel



**Latest Well Sounding**

Static: 77 Ft  
 Pumping: 86.5 Ft  
 Drawdown: 9.5 Ft  
 GPM: 850.00  
 Specific Capacity: 89.474

**Latest Sand Tester Results:**

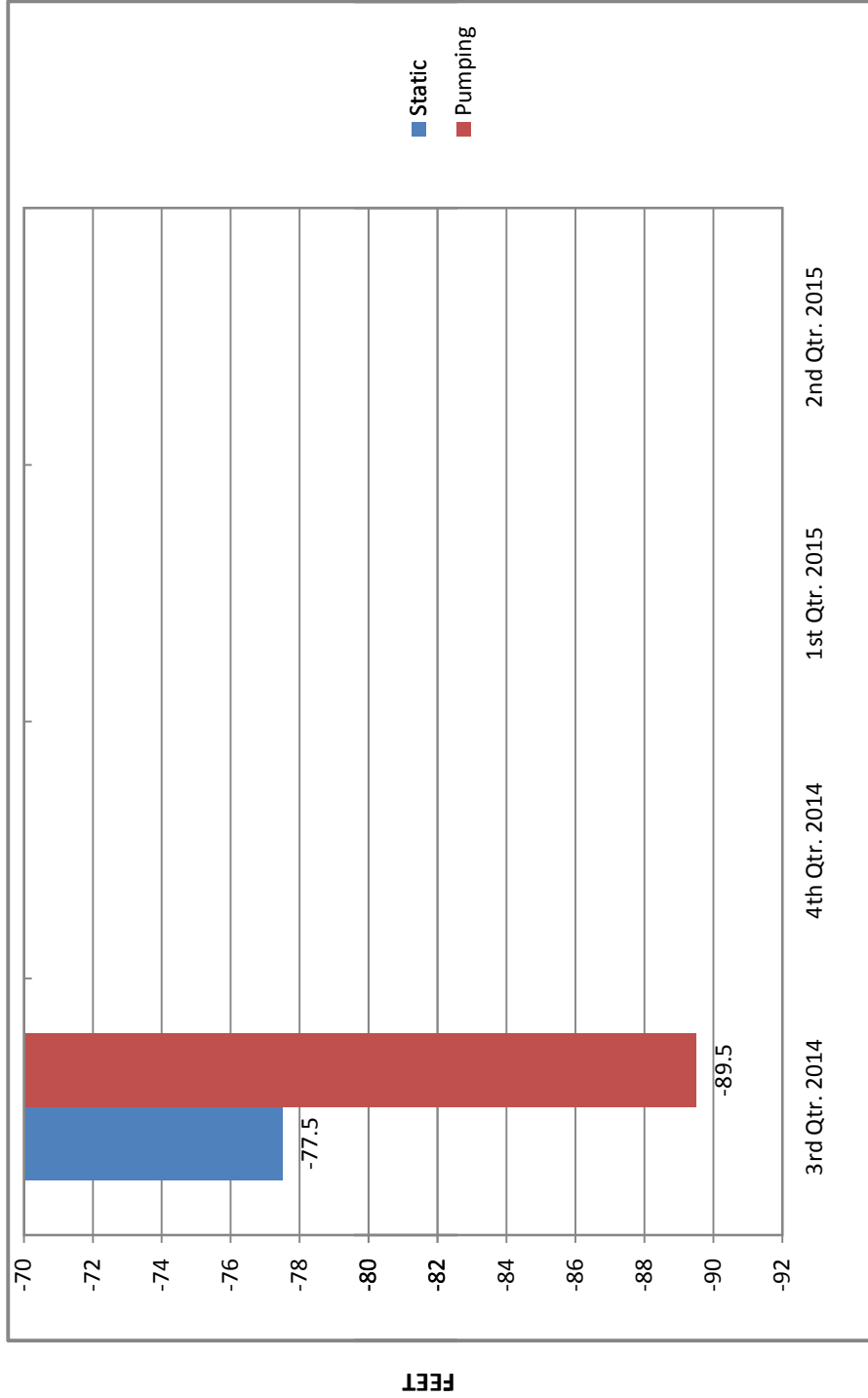
15 Min: 14.08 ppm



# Elk Grove Water District

## Static and Pumping Levels

Well 8 Williamson



### Latest Well Sounding

**Static:** 77.5 Ft

**Pumping:** 89.5 Ft

**Drawdown:** 12 Ft

**GPM:** 780.00

**Specific Capacity:** 65.000

### Latest Sand Tester Results:

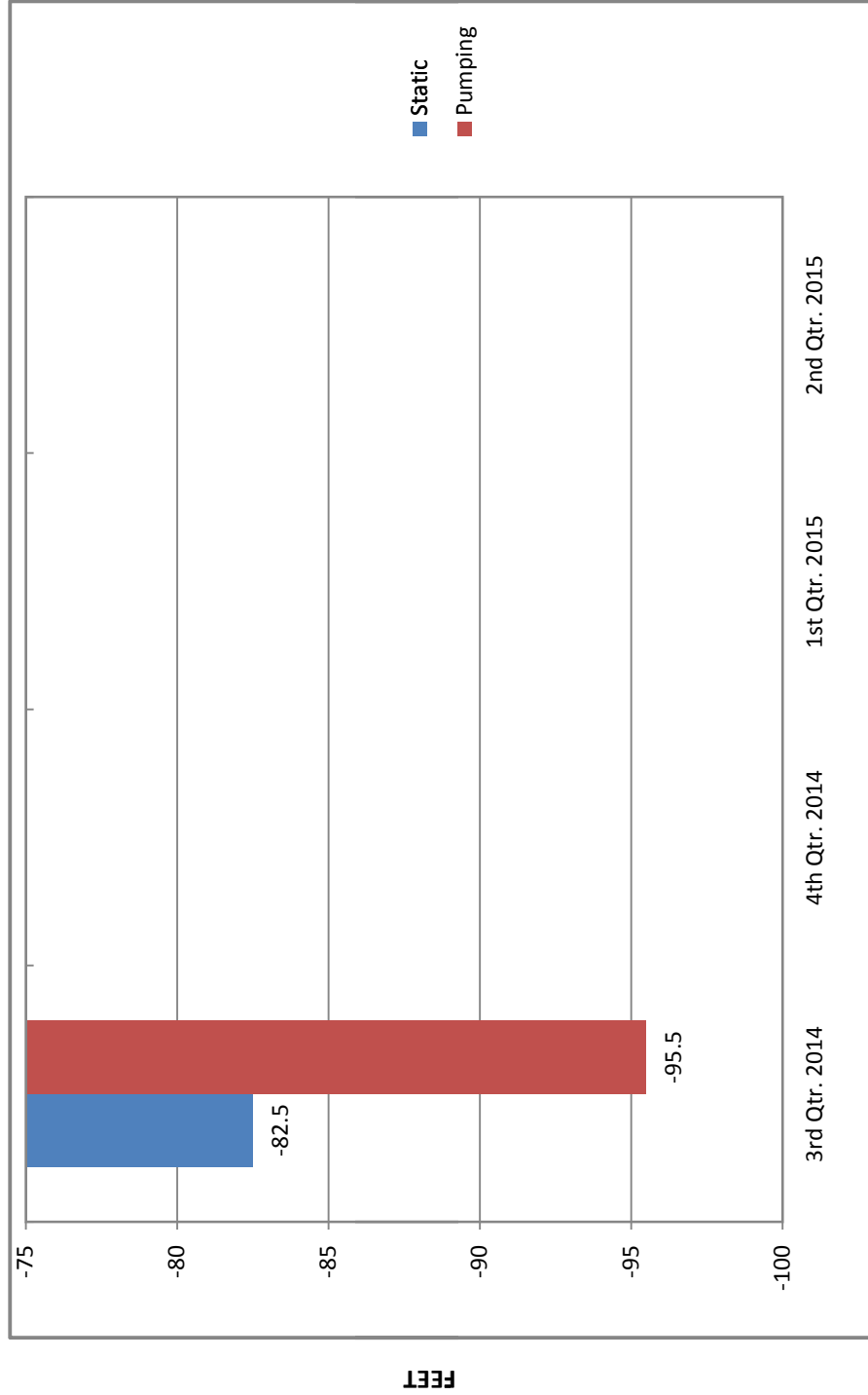
**15 Min:** 7 ppm



# Elk Grove Water District

## Static and Pumping Levels

Well 9 Polhemus



### Latest Well Sounding

**Static:** 82.5 Ft

**Pumping:** 95.5 Ft

**Drawdown:** 13 Ft

**GPM:** 470.00

**Specific Capacity:** 36.154

### Latest Sand Tester Results:

15 Min: < 5 ppm



2014 Monthly Sample Report - August, 2014  
Water System: Elk Grove Water System

Colors:  
Black = Complete  
Green = Unscheduled  
Red = Incomplete Sample

45  
10  
0

**Sampling Point: 01 - 8693 W. Camden**

Collection Due Date	Schedule Class	Schedule Name	Collection Tolerance	Sampling Point	Sample Collected Date
8/5/2014	Distribution System	1 wk - Bacteriological	Week	01 - 8693 W. Camden	8/5/2014
8/12/2014	Distribution System	1 wk - Bacteriological	Week	01 - 8693 W. Camden	8/12/2014
8/19/2014	Distribution System	1 wk - Bacteriological	Week	01 - 8693 W. Camden	8/19/2014
8/26/2014	Distribution System	1 wk - Bacteriological	Week	01 - 8693 W. Camden	8/26/2014

**Sampling Point: 01D School Well - Raw Water**

Collection Due Date	Schedule Class	Schedule Name	Collection Tolerance	Sampling Point	Sample Collected Date

**Sampling Point: 02 - 9425 Emerald Vista**

Collection Due Date	Schedule Class	Schedule Name	Collection Tolerance	Sampling Point	Sample Collected Date
8/5/2014	Distribution System	1 wk - Bacteriological	Week	02 - 9425 Emerald Vista	8/5/2014
8/12/2014	Distribution System	1 wk - Bacteriological	Week	02 - 9425 Emerald Vista	8/12/2014
8/19/2014	Distribution System	1 wk - Bacteriological	Week	02 - 9425 Emerald Vista	8/19/2014
8/26/2014	Distribution System	1 wk - Bacteriological	Week	02 - 9425 Emerald Vista	8/26/2014

**Sampling Point: 03 - Marval Well Raw Water**

Collection Due Date	Schedule Class	Schedule Name	Collection Tolerance	Sampling Point	Sample Collected Date

**Sampling Point: 03 - 8809 Valley Oak**

Collection Due Date	Schedule Class	Schedule Name	Collection Tolerance	Sampling Point	Sample Collected Date
8/5/2014	Distribution System	1 wk - Bacteriological	Week	03 - 8809 Valley Oak	8/5/2014
8/12/2014	Distribution System	1 wk - Bacteriological	Week	03 - 8809 Valley Oak	8/12/2014
8/19/2014	Distribution System	1 wk - Bacteriological	Week	03 - 8809 Valley Oak	8/19/2014
8/26/2014	Distribution System	1 wk - Bacteriological	Week	03 - 8809 Valley Oak	8/26/2014

**Sampling Point: 04D Webb Well - Raw Water**

Collection Due Date	Schedule Class	Schedule Name	Collection Tolerance	Sampling Point	Sample Collected Date
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**Sampling Point: 04 - 10122 Glacier Point**

Collection Due Date	Schedule Class	Schedule Name	Collection Tolerance	Sampling Point	Sample Collected Date
8/5/2014	Distribution System	1 wk - Bacteriological	Week	04 - 10122 Glacier Point	8/5/2014
8/12/2014	Distribution System	1 wk - Bacteriological	Week	04 - 10122 Glacier Point	8/12/2014
8/19/2014	Distribution System	1 wk - Bacteriological	Week	04 - 10122 Glacier Point	8/19/2014
8/26/2014	Distribution System	1 wk - Bacteriological	Week	04 - 10122 Glacier Point	8/26/2014

**Sampling Point: 05 - 9230 Amsden Ct..**

Collection Due Date	Schedule Class	Schedule Name	Collection Tolerance	Sampling Point	Sample Collected Date
8/5/2014	Distribution System	1 wk - Bacteriological	Week	05 - 9230 Amsden Ct..	8/5/2014
8/12/2014	Distribution System	1 wk - Bacteriological	Week	05 - 9230 Amsden Ct..	8/12/2014
8/19/2014	Distribution System	1 wk - Bacteriological	Week	05 - 9230 Amsden Ct..	8/19/2014
8/26/2014	Distribution System	1 wk - Bacteriological	Week	05 - 9230 Amsden Ct..	8/26/2014

**Sampling Point: 06 - 9227 Rancho Dr.**

Collection Due Date	Schedule Class	Schedule Name	Collection Tolerance	Sampling Point	Sample Collected Date
8/5/2014	Distribution System	1 wk - Bacteriological	Week	06 - 9227 Rancho Dr.	8/5/2014
8/12/2014	Distribution System	1 wk - Bacteriological	Week	06 - 9227 Rancho Dr.	8/12/2014
8/19/2014	Distribution System	1 wk - Bacteriological	Week	06 - 9227 Rancho Dr.	8/19/2014
8/26/2014	Distribution System	1 wk - Bacteriological	Week	06 - 9227 Rancho Dr.	8/26/2014

**Sampling Point: 07 - AI Gates Park Mainline Dr.**

Collection Due Date	Schedule Class	Schedule Name	Collection Tolerance	Sampling Point	Sample Collected Date
8/5/2014	Distribution System	1 wk - Bacteriological	Week	07 - AI Gates Park Mainline Dr.	8/5/2014
8/12/2014	Distribution System	1 wk - Bacteriological	Week	07 - AI Gates Park Mainline Dr.	8/12/2014
8/19/2014	Distribution System	1 wk - Bacteriological	Week	07 - AI Gates Park Mainline Dr.	8/19/2014

8/26/2014 Distribution System 1 wk - Bacteriological Week 07 - AI Gates Park Mainline Dr. 8/26/2014

**Sampling Point: 08-Williamson Well Raw Water**

Collection Due Date	Schedule Class	Schedule Name	Collection Tolerance	Sampling Point	Sample Collected Date
8/12/2014	Source Water	3 mo - Bacteriological	Quarterly	08 Williamson Well Raw Water	8/12/2014
8/12/2014	Source Water	3 yr - General Mineral, Inorganic, General Physical	Annual	08 Williamson Well Raw Water	8/12/2014
8/12/2014	Source Water	3 yr - VOC's, SOC's,	Annual	08 Williamson Well Raw Water	8/12/2014

**Sampling Point: 08- 9436 Hollow Springs Wy.**

Collection Due Date	Schedule Class	Schedule Name	Collection Tolerance	Sampling Point	Sample Collected Date
8/5/2014	Distribution System	1 wk - Bacteriological	Week	09- 8417 Blackman Wy.	8/5/2014
8/12/2014	Distribution System	1 wk - Bacteriological	Week	09- 8417 Blackman Wy.	8/12/2014
8/19/2014	Distribution System	1 wk - Bacteriological	Week	09- 8417 Blackman Wy.	8/19/2014
8/26/2014	Distribution System	1 wk - Bacteriological	Week	09- 8417 Blackman Wy.	8/26/2014

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**Sampling Point: 09- Polhemus Well Raw Water**

Collection Due Date	Schedule Class	Schedule Name	Collection Tolerance	Sampling Point	Sample Collected Date
8/7/2014	CIP	VOC's	N/A	Hydro Pneumatic Tank	8/7/2014

**Sampling Point: 09- 8417 Blackman Wy.**

Collection Due Date	Schedule Class	Schedule Name	Collection Tolerance	Sampling Point	Sample Collected Date
8/5/2014	Distribution System	1 wk - Bacteriological	Week	09- 8417 Blackman Wy.	8/5/2014
8/12/2014	Distribution System	1 wk - Bacteriological	Week	09- 8417 Blackman Wy.	8/12/2014
8/19/2014	Distribution System	1 wk - Bacteriological	Week	09- 8417 Blackman Wy.	8/19/2014
8/26/2014	Distribution System	1 wk - Bacteriological	Week	09- 8417 Blackman Wy.	8/26/2014

**Sampling Point: 10-9373 Oreo Ranch Cir.**

Collection Due Date	Schedule Class	Schedule Name	Collection Tolerance	Sampling Point	Sample Collected Date
8/5/2014	Distribution System	1 wk - Bacteriological	Week	10-9373 Oreo Ranch Cir.	8/5/2014

8/12/2014	Distribution System	1 wk - Bacteriological	Week	10-9373 Oreo Ranch Cir.	8/12/2014
8/19/2014	Distribution System	1 wk - Bacteriological	Week	10-9373 Oreo Ranch Cir.	8/19/2014
8/26/2014	Distribution System	1 wk - Bacteriological	Week	10-9373 Oreo Ranch Cir.	8/26/2014

**Sampling Point: 11D Dino Well -Raw Water**

Collection Due Date	Schedule Class	Schedule Name	Collection Tolerance	Sampling Point	Sample Collected Date
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**Sampling Point: 14D Railroad Well -Raw Water**

Collection Due Date	Schedule Class	Schedule Name	Collection Tolerance	Sampling Point	Sample Collected Date
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**Sampling Point: Railroad WTP Effluent**

Collection Due Date	Schedule Class	Schedule Name	Collection Tolerance	Sampling Point	Sample Collected Date
8/5/2014	Treated Plant Effluent	1 mo - WTP Eff - Fe,Mn,As Total	Month	Railroad WTP Effluent	8/5/2014
8/5/2014	Treated Plant Effluent	1 mo - WTP Eff - Fe,Mn,As Dissolved	Month	Railroad WTP Effluent	8/5/2014

**Sampling Point: Special Distribution/ Construction Samples**

Collection Due Date	Schedule Class	Schedule Name	Collection Tolerance	Sampling Point	Sample Collected Date
8/6/2014	Distribution System	Bacteriological	N/A	8728 Bray Vista Wy.	8/6/2014
8/7/2014	Distribution System	Bacteriological	N/A	9020 Glorieta Ct.	8/7/2014
8/13/2014	Distribution System	Bacteriological	N/A	8809 La Prada Ct.	8/13/2014
8/14/2014	Distribution System	Bacteriological	N/A	8978 Elk Grove Blvd.	8/14/2014
8/19/2014	Distribution System	Bacteriological	N/A	9055 Locust St.	8/19/2014
8/20/2014	Distribution System	Bacteriological	N/A	9700 Beldon Grove Ct.	8/20/2014
8/25/2014	Distribution System	Bacteriological	N/A	8514 Crown Prince Ct.	8/25/2014
8/27/2014	Distribution System	Bacteriological	N/A	8729 Armagh Ct.	8/27/2014
8/27/2014	Distribution System	Bacteriological	N/A	8907 Quinlan Ct.	8/27/2014



September 8, 2014

Division of Drinking Water and Environmental Mgmt.  
California Dept. of Public Health  
P.O. Box 997377, MS 7418  
1616 Capital Ave  
Sacramento, CA 95899-7377

**MONTHLY SUMMARY OF DISTRIBUTION SYSTEM COLIFORM MONITORING**

Enclosed is the Monthly Summary of Distribution System Coliform Monitoring report from Elk Grove Water District for August 2014.

If you have any further questions, you may contact me at 916-687-3155 ext. 102.

A handwritten signature in blue ink, appearing to read "Steve Shaw", is written over a light blue horizontal line.

STEVE SHAW  
WATER TREATMENT FOREMAN

## MONTHLY SUMMARY OF DISTRIBUTION SYSTEM COLIFORM MONITORING

System Name <b>ELK GROVE WATER SERVICE</b>	System Number <b>3410008</b>
Sampling Period <b>August</b>	Year <b>2014</b>
Month	

	Number Required	Number Collected	Number Total Coliform Positives	Number Fecal/E.coli Positives
1. Routine Samples (see note 1)	<input type="text" value="40"/>	<input type="text" value="40"/>	<input type="text" value="0"/>	<input type="text" value="0"/>
2. Repeat Samples Following Samples Which are Total Coliform Positive and Fecal/E.coli Negative (see notes 5 and 6)		<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>
3. Repeat Samples Following Routine Samples Which are Total Coliform Positive and Fecal/E.coli Positive (see notes 5 and 6)		<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>
4. MCL Computation For Total Coliform Positive Samples				
a. Totals (sum of columns)	<input type="text" value="40"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	
b. If 40 or more samples collected in month, determine percent of samples that are total coliform positive [(total number positive/total number collected) x 100]	<input type="text" value="0"/>			
c. Is system in compliance... with fecal/E. coli MCL?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		
<small>(see notes 2 and 3)</small>				
...with monthly MCL?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		
<small>(see note 4)</small>				
5. Source Samples Triggered by Routine Samples that are Total Coliform Positive <small>(This applies only to systems subject to the Groundwater Rule - see notes 7 and 8)</small>		<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>

6. Invalidated Samples  
(Note what samples, if any, were invalidated; who authorized the invalidation; and when replacement samples were collected. Attach additional sheets, if necessary.)

7. Summary Completed By: Steve Shaw

Signature 	Title <input type="text" value="Water Treatment Foreman"/>	Date <input type="text" value="9/8/2014"/>
---------------	---	---

**NOTES AND INSTRUCTIONS:**

1. Routine samples include:
  - a. Samples required per 22 CCR, Section 64423;
  - b. Extra samples required for systems collecting less than five routine samples per month that had one or more total coliform positives in previous month;
  - c. Extra samples for systems with high source water turbidities that are using surface water or groundwater under direct influence of surface water and do not practice filtration in compliance with regulations;
2. Note: For a repeat sample following a total coliform positive sample, any fecal/E.coli positive repeat (boxed entry) constitutes an MCL violation and requires immediate notification to the department (22, CCR, Section 64426.1).
3. Note: For repeat sample following a fecal/E.coli positive sample, any total coliform positive repeat (boxed entry) constitutes an MCL violation and requires immediate notification to the department (22, CCR, Section 64426.1).
4. Total coliform MCL (Notify Department within 24 hours of MCL violation):
  - a. For systems collecting less than 40 samples, if two or more samples are total coliform positive, then the MCL is violated.
  - b. For systems collecting 40 or more samples, if more than 5.0 percent of samples collected are total coliform positive, then the MCL is violated.
5. Positive results and their associated repeat samples must be tracked on the worksheet on the other side.
6. For systems collecting more than one routine sample per month, three repeat samples must be collected for each total coliform positive sample. Repeat samples must be collected within 24 hours of being notified of the positive results.
7. For systems collecting one or less routine samples per month, four repeat samples must be collected for each total coliform positive sample.



September 8, 2014

Sacramento Regional County  
Sanitation District  
Environmental Specialist  
10060 Goethe Rd.  
Sacramento, Ca. 95827

**MONTHLY COMPLIANCE REPORT**

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Enclosed is the Monthly Compliance Report Form from Elk Grove Water District for August 2014.

If you have any further questions, you may contact me at 916-687-3155 ext. 102.

A handwritten signature in blue ink, appearing to read 'Steve Shaw', is located below the text of the letter.

STEVE SHAW  
WATER TREATMENT FOREMAN



**COMPLIANCE REPORT FORM**

Attn: Nicole Sears	Wastewater Source Control Section
Phone # (916) 876-7378	Fax # (916) 876-6374
From: Steve Shaw	
<b>Company: Elk Grove Water Service</b>	<b>Permit# WTP010</b>

The following reports and information are attached (check all that apply):

Month:	8	Year:	2014
--------	---	-------	------

Water use/flow meter report

Railroad WTP:   
 Hampton WTP:

**Date                      Time                      pH**

Monitoring results/analytical report

Hampton WTP	<input type="text"/>	<input type="text"/>	<input type="text"/>
Railroad WTP	<input type="text"/>	<input type="text"/>	<input type="text"/>

**Discharge Rate**

- Check the statement below that applies to this report:
- Based on a review of this facilities flow data, discharge rate limit was exceeded
  - I certify that this facility is in compliance with the discharge rate limit.
- Attached is a description of anticipated changes that may significantly alter the nature, quality, or volume of the wastewater discharged.
- Flow monitoring equipment certification (Flow or pH meter, etc.)
  - Other (describe)

**Domestic Calculation**

Domestic Usage	Number of Employees	Business Days per Month	Allowance (gallons per day)	Gallons
Production	3	18	25	1350
Office	2	18	20	720
Drivers/Field	17	18	5	1530
<b>Total</b>				<b>3600</b>

**Certification Statement**

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

SIGNATURE of Authorized Representative:

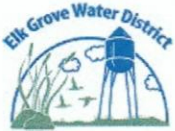
\_\_\_\_\_

PRINTED NAME, TITLE:

Steve Shaw	Water Treatment Foreman
(Name)	(Title)

DATE:





Date: 8/2014

Operator	Date	Waste Meter	Gallons
dfrederick@egws.lan	8/1/2014 8:04:00 AM	10634762	0
dfrederick@egws.lan	8/2/2014 8:10:00 AM	10634762	0
dfrederick@egws.lan	8/3/2014 8:15:00 AM	10634762	0
cphillips@egws.lan	8/4/2014 8:20:00 AM	10634762	0
cphillips@egws.lan	8/5/2014 8:01:00 AM	10634762	0
cphillips@egws.lan	8/6/2014 8:33:00 AM	10634762	0
cphillips@egws.lan	8/7/2014 7:57:00 AM	10661871	27109
ahewitt@egws.lan	8/8/2014 7:50:00 AM	10661871	0
shinton@egws.lan	8/9/2014 11:09:00 AM	10661871	0
shinton@egws.lan	8/10/2014 11:31:00 AM	10661871	0
cphillips@egws.lan	8/11/2014 8:03:00 AM	10661871	0
cphillips@egws.lan	8/12/2014 7:57:00 AM	10661871	0
cphillips@egws.lan	8/13/2014 8:03:00 AM	10661871	0
cphillips@egws.lan	8/14/2014 8:01:00 AM	10661871	0
aaragon@egws.lan	8/15/2014 8:10:00 AM	10662025	154
aaragon	8/16/2014 8:10:00 AM	10662025	0
aaragon	8/17/2014 8:30:00 AM	10662025	0
cphillips@egws.lan	8/18/2014 8:25:00 AM	10662025	0
cphillips@egws.lan	8/19/2014 8:20:00 AM	10662025	0
cphillips@egws.lan	8/20/2014 8:11:00 AM	10662025	0
wquintero@egws.lan	8/21/2014 8:05:00 AM	10662025	0
cphillips@egws.lan	8/22/2014 8:10:00 AM	10662025	0
mmontiel@egws.lan	8/23/2014 7:47:00 AM	10662025	0
mmontiel@egws.lan	8/24/2014 7:43:00 AM	10662025	0
wquintero@egws.lan	8/25/2014 8:15:00 AM	10662025	0
wquintero@egws.lan	8/26/2014 8:15:00 AM	10662025	0
ahewitt@egws.lan	8/27/2014 8:34:00 AM	10662025	0
cphillips@egws.lan	8/28/2014 8:18:00 AM	10662025	0
aaragon@egws.lan	8/29/2014 8:15:00 AM	10662025	0
aaragon@egws.lan	8/30/2014 8:15:00 AM	10662025	0
aaragon@egws.lan	8/31/2014 8:15:00 AM	10662025	0

Grand Total

27263

# M.C.C. AND LAB

<b>Item</b>	<b>Quarterly</b>				<b>Annual</b>
	1st	2nd	3rd	4th	Refer. 2014
<b>Fume Hood</b>	JV 3/3/14 10324	JV 6/19/14 11047			AH 4/21/14 2968
	Sect: 1.1.1				Sect: 1.2.3
<b>Dulco-meter</b>	AH 2/21/14 10321	AH 6/2/14 11047			
	Sect: 1.1.2				Sect: 1.2.1
<b>M.C.C.</b>					
	Sect: 1.1.3				Sect: 1.2.2
<b>Circuit Breaker</b>	JV 3/4/14 10324	AH 6/19/14 11047			
	Sect: 1.1.3				Sect: 1.2.2
<b>C12 DPD Handheld</b>					

Year: 2014

# CLOR-TEC SYSTEM

Item	Monthly												Quarterly				Annual			
	Refer.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1st	2nd	3rd	4th	Refer.	2014	
CL2 Meter System	Refer: 4.2.1	JV 1/28/14 10188	AH 2/19/14 10457	JV 3/12/14 10459	AH 4/23/14 10460	JV 5/22/14 10964	AH 6/19/14 11085	AH 7/23/14 11190	WQ 8/19/14 11266					AH 10581	AH 5/29/14 11001			4.4.1	AH 2/5/14 10311	
Exhaust Fan																				
Hydrogen Blow/Det.																				
Cathode Electrode																				
Hypo/Brine Tank	Sect: 4.2.3	AH 1/27/14 10188	AH 2/19/14 10457	JV 3/12/14 10459	AH 4/23/14 10460	JV 5/22/14 10964	AH 6/19/14 11085	AH 7/23/14 11190	WQ 8/19/14 11266					AH 10581	AH 6/16/14 11001			4.4.5		
Water Softener																				
Rectifier	Sect: 4.2.4	AH 1/30/14 10188	AH 2/19/14 10457	JV 3/12/14 10459	AH 4/23/14 10460	JV 5/22/14 10964	AH 6/19/14 11085	AH 7/23/14 11190	WQ 8/19/14 11266											
Clor-Tec Unit	Sect: 4.2.2	AH 1/27/14 10188	AH 2/19/14 10457	JV 3/12/14 10459	AH 4/23/14 10460	JV 5/22/14 10964	AH 6/19/14 11085	AH 7/23/14 11190	WQ 8/19/14 11266									4.4.4	AH 6/16/14 10311	

■ = Rectifier Offline

Year: 2014

# FILTER VESSELS

Item	Monthly												Semi-annual		Annual	
	Refer	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Refer:	2014	
<b>Air/Vac Valves</b>	Initials Date W.O. #													Refer: 5.2.1		
<b>Bray Valves</b>	Initials Date W.O. #													Refer: 5.2.2		
<b>CLA-VAL</b>	Initials Date W.O. #													Refer: 5.3.1		
<b>Pilot Valves</b>	Initials Date W.O. #	1/15/14 10172	JV 2/12/14 10313	AH 3/7/14 10430	AH 4/7/14 10452	AH 5/19/14 10913	AH 6/19/14 11063	AH 7/21/14 11062	AH 8/18/14 11263	WQ				Refer: 5.3.2		
<b>Press. Diff. Trnsdcr.</b>	Initials Date W.O. #													Refer: 5.3.3		
<b>Vessels</b>	Initials Date W.O. #													Refer: 5.3.4		

Year: 2014

# BOOSTER PUMPS

Item	Monthly												Semi-annual		Annual			
	Refer.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Refer.	1ST 6-MO.	2ND 6-MO.	Refer.	2014
Electric Motor	Refer: 3.1.1	JV 1/15/14 10245	JV 2/13/14 10315	AH/JV 3/10/14 10461	AH 4/18/14 10462	AH 5/19/14 10912	JV 6/12/14 11042	AH 7/21/14 10911	WQ 8/19/14 11265					Sect: 3.2.1	AH/JV 5/7/14 10899			
PUMP	Sect: 3.1.2	JV 1/15/14 10245	JV 2/13/14 10315	AH/JV 3/10/14 10461	AH 4/18/14 10462	AH 5/19/14 10912	JV 6/12/14 11042	AH 7/21/14 10911	WQ 8/19/14 11265					Sect: 3.2.4				
A.R.V.														Sect: 3.3.1				
Rising Stem Valve														Sect: 3.3.3	JV 2/18/14 10317			

Year: 2014

# BACKWASH SYSTEM and Storage Tanks

Item	MONTHLY												Semi-annual		Annu./Bi-annu.		
	Refer.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Refer.	2014	Periodic	
Mag meter														Sect: 2.3.2			
MCC														Sect: TBD			
Pressure Transdr														Sect: 2.2.1			
Backwash Tank														Sect: 2.3.4	AH/WQ	8/8/14	11314
Return Pumps	Sect: TBD	AH 1/27/14 10246	AH 2/19/14 10458	AH 3/24/14 10455	JV 4/29/14 10456	AH 5/27/14 10966	AH 6/19/14 11067	AH 7/23/14 11066	AH 8/25/14 11068					Sect: TBD	AH	5/2/14	11137
Storage Tanks														Sect: 2.4.1			
Bray Valves														Sect: 2.2.2			

Year: 2014

# STANDBY GENERATOR

Item	Monthly												Semi-annual		Annual/Biannual			
	Refer	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Refer	2014	Periodic		
Fuel Tank	Sect: 6.1.1	JV 1/27/14 10189	JV 2/20/14 10325	JV 3/12/14 10453	JV 4/23/14 10454	JV 5/20/14 10963	AH 6/9/14 10962	WQ 7/23/14 11191	WQ 8/21/14 11271					Sect: 6.2.1	AH 6/9/14 11087		Sect: 6.3.1	
Radiator														Sect: 6.2.2	AH 6/9/14 11087		Section: 6.3.2/6.4.1	
Battery/Charger	Sect: 6.1.2	JV 1/27/14 10189	JV 2/20/14 110325	JV 3/12/14 10453	JV 4/23/14 10454	JV 5/20/14 10963	AH 6/19/14 10962	WQ 7/23/14 11191	WQ 8/21/14 11271								Sect: 6.3.3	
Coolant Heater																		
Generator	Sect: 6.1.3	JV 1/7/14 10189	JV 2/20/14 10325	JV 3/12/14 10453	JV 4/17/14 10454	JV 5/20/14 10963	EMERG. 6/9/14 10962	WQ 7/23/14 11191	WQ 8/21/14 11271								Section: 6.3.4/6.4.2	
Engine														Sect: 6.2.3	AH 6/9/14 11087			

Year: 2014

# WELL 1D SCHOOL

Item	Monthly												Semi-annual		Annual		
	Refer.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1ST 6-MO.	2ND 6-MO.	Refer.	2014
Pump	Initials	JV	AH	AH	JV	JV	AH	WQ	WQ					AH/JV			
	Date	1/6/14	2/13/14	3/13/14	4/28/14	5/28/14	6/18/14	7/16/14	8/19/14					5/12/14			
	W.O. #	10165	10307	10481	10482	10891	11036	11038	11267					10895			
Motor	Initials	JV	AH	AH	AH	AH	JV	WQ	WQ					JV			
	Date	1/6/14	2/13/14	3/13/14	4/3/14	5/15/14	6/12/14	7/16/14	8/19/14					6/12/14			
	W.O. #	10165	10307	10481	10482	10891	11036	11038	11267					10895			
Press/Lvl Transdcr.	Initials																
	Date																
	W.O. #																
Isolation Valves	Initials																
	Date																
	W.O. #																
Cla-Val	Initials																
	Date																
	W.O. #																
Mag-Meter	Initials																
	Date																
	W.O. #																
A.R.V.	Initials													JV			
	Date													6/12/14			
	W.O. #													108958			
M.C.C.	Initials																
	Date																
	W.O. #																
Sect:	13.1.1																
	13.1.2																
	13.2.1																
Sect:	13.2.1																
	13.2.2																
	13.2.3																
Sect:	13.3.1																
	13.3.2																
	13.3.3																
Sect:	13.3.4																
	13.3.5																
	13.3.6																



# WELL 4D WEBB

Item	Monthly												Semi-annual		Annual/Biannual	
	Refer.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Refer.	2014	Periodic
Pump	Initials	JV	AH	AH	AH	JV	AH	WQ	WQ							
	Date	1/10/14	2/13/14	3/13/14	4/1/14	5/28/14	6/18/14	7/14/14	8/4/14							
	W.O. #	10168	10304	10477	10478	10890	11034	11035	11261					Sect: 8.2.1	JV	10898
Motor	Initials	JV	AH	AH	JV	AH	JV	WQ	WQ							
	Date	1/10/14	2/13/14	3/13/14	4/22/14	5/15/14	6/12/14	7/14/14	8/4/14							
	W.O. #	10168	10304	10477	10478	10890	11034	11035	11261					Sect: 8.2.2	AH/JV	10898
Press/LV Transducer	Initials															
	Date															
	W.O. #													Sect: 8.3.2		
Isolation Valves	Initials															
	Date															
	W.O. #													Sect: 8.3.6		
Cla-Val	Initials															
	Date															
	W.O. #													Sect: 8.3.1		
Mag-Meter	Initials															
	Date															
	W.O. #													Sect: 8.3.3		
A.R.V.	Initials															
	Date															
	W.O. #													Sect: 8.3.4		
M.C.C.	Initials															
	Date															
	W.O. #													Sect: 8.2.3	JV	10898
Portable Generator	Initials	JV	AH	AH	AH	JV	JV	WQ	WQ							
	Date	1/10/14	2/13/14	3/13/14	4/1/14	5/28/14	6/12/14	7/14/14	8/4/14							
	W.O. #	10168	10304	10477	10478	10890	11034	11035	11261					Sect: 8.2.4	JV	10898
Generator Set	Initials															
	Date															
	W.O. #													Sect: 8.4.2		

# WELL 11D DINO

Item	Monthly												Semi-annual		Annual/Biannual					
	Refer.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Refer.	1ST 6-MO.	2ND 6-MO.	Refer.	2014	Periodic	
Pump	9.1.1	AH 1/6/14 10131	AH 2/13/14 10303	AH 3/13/14 10475	AH 4/3/14 10476	JV 5/28/14 10889	AH 6/19/14 11086	WQ 7/14/14 11186	WQ 8/4/14 11262					9.2.1	JV 6/19/14 10897					
Motor	9.1.2	AH 1/6/14 10131	AH 2/13/14 10303	AH 3/13/14 10475	JV 4/7/14 10476	AH 5/15/14 10889	JV 6/19/14 11086	WQ 7/14/14 11186	WQ 8/4/14 11262					9.2.2	AH/JV 5/7/14 10897					
Press/Lvl Transdcr.														9.3.2						
Isolation Valves														9.3.6						
Cla-Val														9.3.1						
Mag-Meter														9.3.3						
A.R.V.														9.3.4	JV 6/19/14 10897					
M.C.C.														9.3.5						
Portable Generator	9.1.3	AH 1/6/14 10131	AH 2/13/14 10303	AH 3/13/14 10475	AH 4/3/14 10476	JV 5/28/14 10889	JV 6/19/14 11086	WQ 7/14/14 11186	WQ 8/4/14 11262					9.2.4	JV 6/19/14 10897		9.3.7/9.4.1			
Generator Set														9.4.2						



Year: 2014

# WELL 3 MARVAL

Item	Monthly												Quarterly				Semi-annual		Annual					
	Refer.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Refer.	1st	2nd	3rd	4th	Refer.	1st	2nd	Refer.	2014	
Motor	Section: 12.1.2	JV 1/8/14 10167	AH 2/12/14 10310	AH 3/13/14 10485	AH 4/8/14 10486	AH 5/15/14 10893	AH 6/13/14 11028	WQ 7/22/14 11029	WQ 8/20/14 11268										Section: 12.3.2	JV 5/7/14 10831		Refer. 12.3.2		
Pump	Section: 12.1.1	JV 1/8/14 10167	AH 2/12/14 10310	AH 3/13/14 10485	AH 4/28/14 10486	AH 5/15/14 10893	AH 6/13/14 11028	WQ 7/22/14 11029	WQ 8/20/14 11268										Section: 12.3.1	AH 6/13/14 10831		Refer. 12.3.1		
Chlorine Pump																			Section: 12.2.1	AH 3/13/14 10580	AH 4/28/14 10846		Refer. 12.2.1	
40 Air Charer																			Section: 12.2.2	AH 3/13/14 10580	AH 6/13/14 10846		Refer. 12.2.2	
Check Valve																			Section: 12.3.3	AH 6/13/14 10831		Refer. 12.3.3		
A.R.V.																			Section: 12.3.4	AH 6/13/14 10831		Refer. 12.3.4		
M.C.C.																			Section: 12.4.1			Refer. 12.4.1		
Pneumat Tank																			Section: 12.4.5			Refer. 12.4.5		
Isolation Valves																			Section: 12.4.3			Refer. 12.4.3		
Propeller Meter																			Section: 12.4.2			Refer. 12.4.2		

# WELL 8 WILLIAMSON


Item	Monthly												Quarterly				Semi-annual		Annual		
	Refer.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1st	2nd	3rd	4th	1st 6-MO.	2ND 6-MO.	Refer.	2014
Motor	Section: 11.1.2		AH 2/13/14 10309	AH 3/21/14 10487	AH 4/8/14 10488	AH 5/15/14 10892	AH 6/13/14 11030	WQ 7/17/14 11031	WQ 8/20/14 11269									AH/IV 5/7/14 10832			
Pump	Section: 11.1.1		AH 2/13/14 10309	AH 3/21/14 10487	AH 4/28/14 10488	AH 5/15/14 10892	AH 6/13/14 11030	WQ 7/17/14 11031	WQ 8/20/14 11269									AH 6/13/14 10832			
Chlorine Pump	Section: 11.2.1													AH 3/21/14 10579	AH 4/28/14 10851						
Air Charer	Section: 11.2.2													AH 3/24/14 10579	AH 6/13/14 10851						
4 Check Valve	Section: 11.3.3													AH 6/13/14 10832							
A.R.V.	Section: 11.3.4													AH 6/13/14 10832							
M.C.C.	Section: 11.4.1																				
Pneumat Tank	Section: 11.4.5																				
Isolation Valves	Section: 11.4.3																				
Propeller Meter	Section: 11.4.2																				

=Well Offline

Year: 2014

# WELL 9 POLHEMUS

Item	Monthly												Quarterly				Annual						
	Refer.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1st	2nd	3rd	4th	Refer.	2014				
Check Valve	Initials																						
	Date																						
	W.O. #																						
Chlorine Pump	Initials	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH						
	Date	1/6/14	2/12/14	4/28/14	5/15/14	6/13/14	7/24/14	8/20/14						4/16/14									
	W.O. #	10135	10297	10484	10894	11032	11033	11270						10483	10815								
		Sect: TBD																					
Air Charer	Initials													AH	AH	AH	AH						
	Date																8/19/14						
	W.O. #													10483	10815	11313							
		Sect: TBD																					
Isolation Valves	Initials																						
	Date																						
	W.O. #																						
A.R.V.	Initials																						
	Date																						
	W.O. #																						
		Sect: TBD																					
M.C.C.	Initials																						
	Date																						
	W.O. #																						
		Sect: TBD																					
Pneumat Tank	Initials													AH	AH	AH/WQ							
	Date																8/18/14						
	W.O. #													10483	10815	11313							
		Sect: TBD																					
Propeller Meter	Initials																						
	Date																						
	W.O. #																						
		Sect: TBD																					

 = Well/Tank Offline

Elk Grove Water District  
Backflow Prevention Program 2014

Backflow Device Reports												
CURRENT	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
Notices Issued	3	37	45	1	41	41	251	54				
Results Received	3	18	33	1	17	20	139	12				
Pass:												
Fail:		3	0		6	3	9	3				
Failed Devices Retested----Passed		3	0		6	2	6	3				
Outstanding Results	0	16	12	0	18	19	106	39				

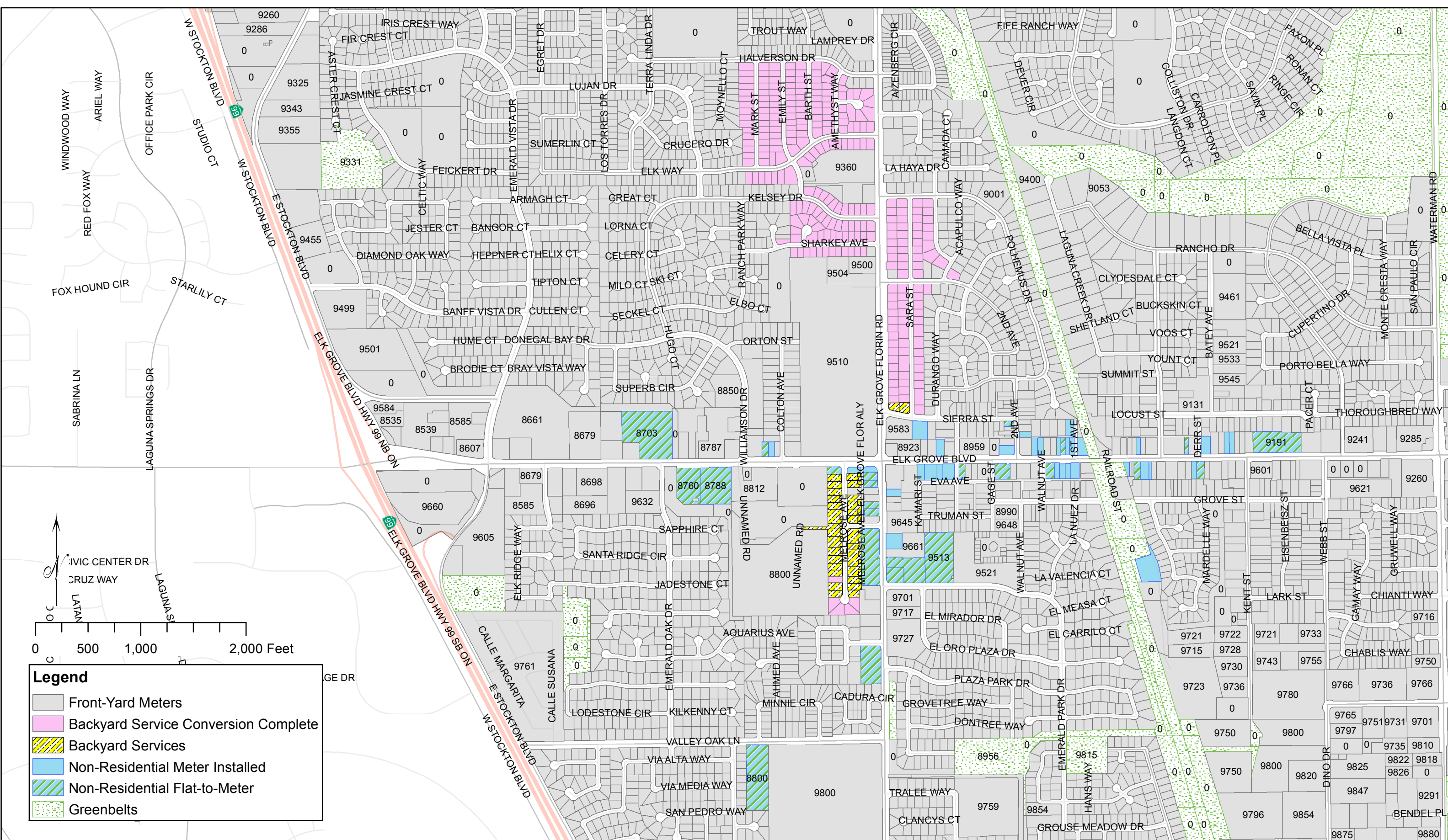
DELINQUENT	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
Investigations						1	9					
Deactivated Devices						1	4	1				
2nd Notice		16	12		18	19	94	38				
Sent:												
Received:		12	12		7	8	49	2				
3rd Notice		4	0		11	10	42					
Sent:												
Received:		4	0		7	3	14					
Schedule Code Changed												
Outstanding Delinquents	0	0	0	0	4	6	27	36				

<b>Total Outstanding Delinquents</b>	<b>73</b>
--------------------------------------	-----------

Elk Grove Water District  
 Weekly Safety Meetings/Training  
 August 2014

Date	Topic	Attendees:	Hosted By:
8/4/2014	Accident Investigation: An Essential Part of Your Safety Program	Jose C, Jose M, David, John V, John D, Sean, Michael, Justin, Richard, Gerardo, Eliseo, Joel, Alan, Chris, Sal, Brandon, Steve, Aaron, Wilfredo, Travis	Steve Shaw
8/11/2014	Backhoe Safety	Jose C, Jose M, David, John V, John D, Sean, Michael, Richard, Gerardo, Eliseo, Joel, Alan, Chris, Sal, Brandon, Steve, Aaron, Travis	Steve Shaw
8/18/2014	Jackhammer Safety	Jose C, Jose M, David, John V, John D, Sean, Michael, Richard, Gerardo, Eliseo, Joel, Alan, Chris, Sal, Brandon, Steve, Aaron, Travis	Steve Shaw
8/25/2014	Listen Up to Protect Your Hearing	Jose C, David, John D, Marcel, Sean, Justin, Richard, Gerardo, Eliseo, Joel, Alan, Sal, Brandon, Steve, Aaron, Wilfredo	Steve Shaw
8/28/2014	Hearing Protection	Monthly Staff Meeting (All Staff Required to Attend)	Ellen Carlson





Backyard Services Converted: 0	(August 2014)
Backyard Service Remaining: 30	
Non-Residential Meters Installed: 1	
Non-Residential Meters Remaining: 23	



## Elk Grove Water District

### Meter Retrofit Program

Projected Coordinate System: NAD 83 State Plane, California II, FIPS 0420
Source: City of Elk Grove, EGWD and Sacramento County GIS databases
Created by: Travis Franklin
Date: September 8, 2014



**Legend**

- Bullheads Replaced
- Bullheads Remaining

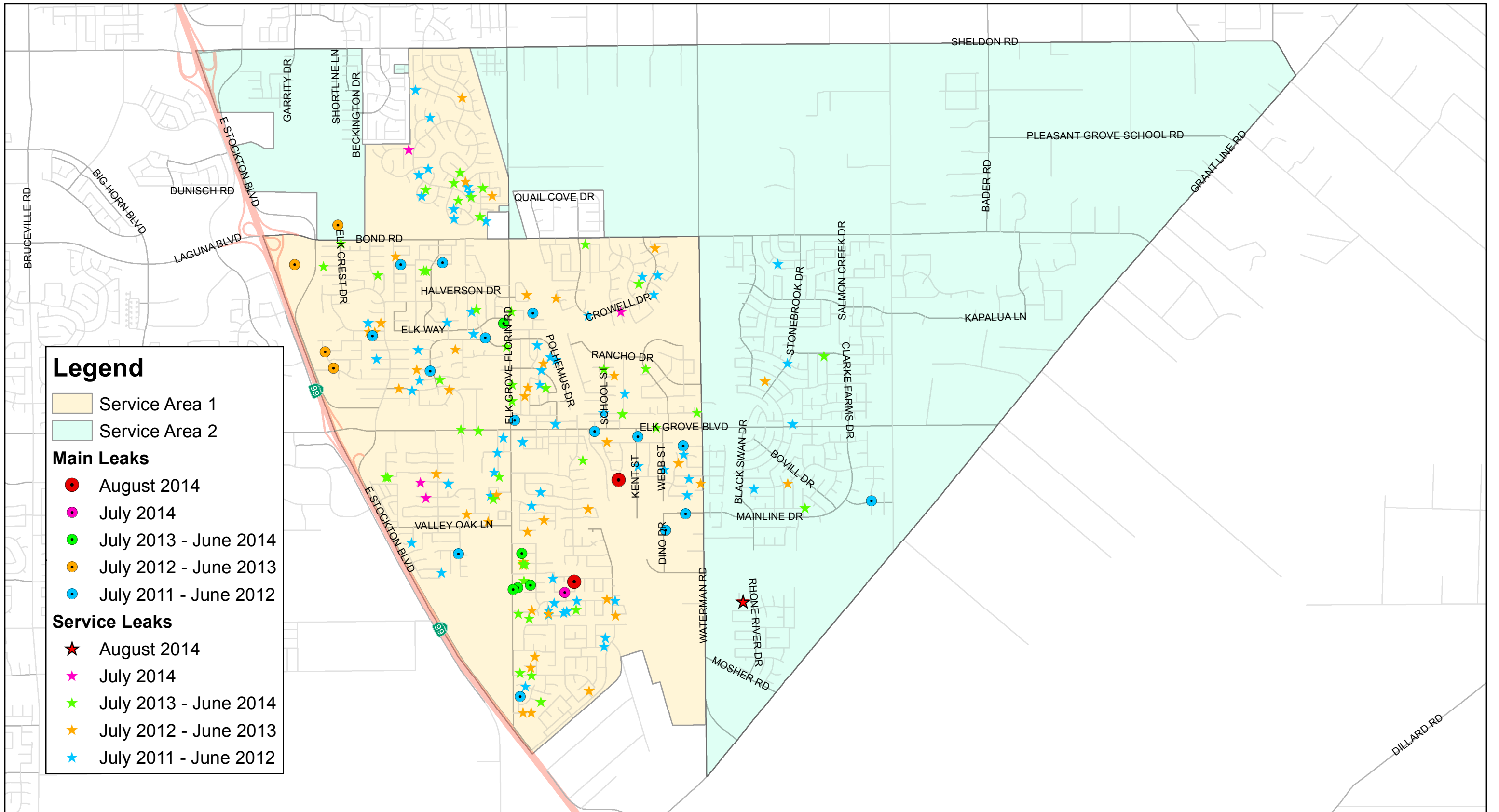
Bullheads Replaced in August 2014: 0
Bullheads Remaining: 1206
Total Bullheads Replaced: 13



## Elk Grove Water District

### Bullhead Replacement

Projected Coordinate System: NAD 83 State Plane, California II, FIPS 0420
Source: City of Elk Grove, EGWD and Sacramento County GIS databases
Created by: Travis Franklin
Date: September 8, 2014



**Legend**

Service Area 1  
 Service Area 2

**Main Leaks**

- August 2014
- July 2014
- July 2013 - June 2014
- July 2012 - June 2013
- July 2011 - June 2012

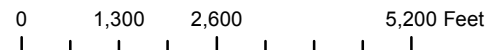
**Service Leaks**

- ★ August 2014
- ★ July 2014
- ★ July 2013 - June 2014
- ★ July 2012 - June 2013
- ★ July 2011 - June 2012

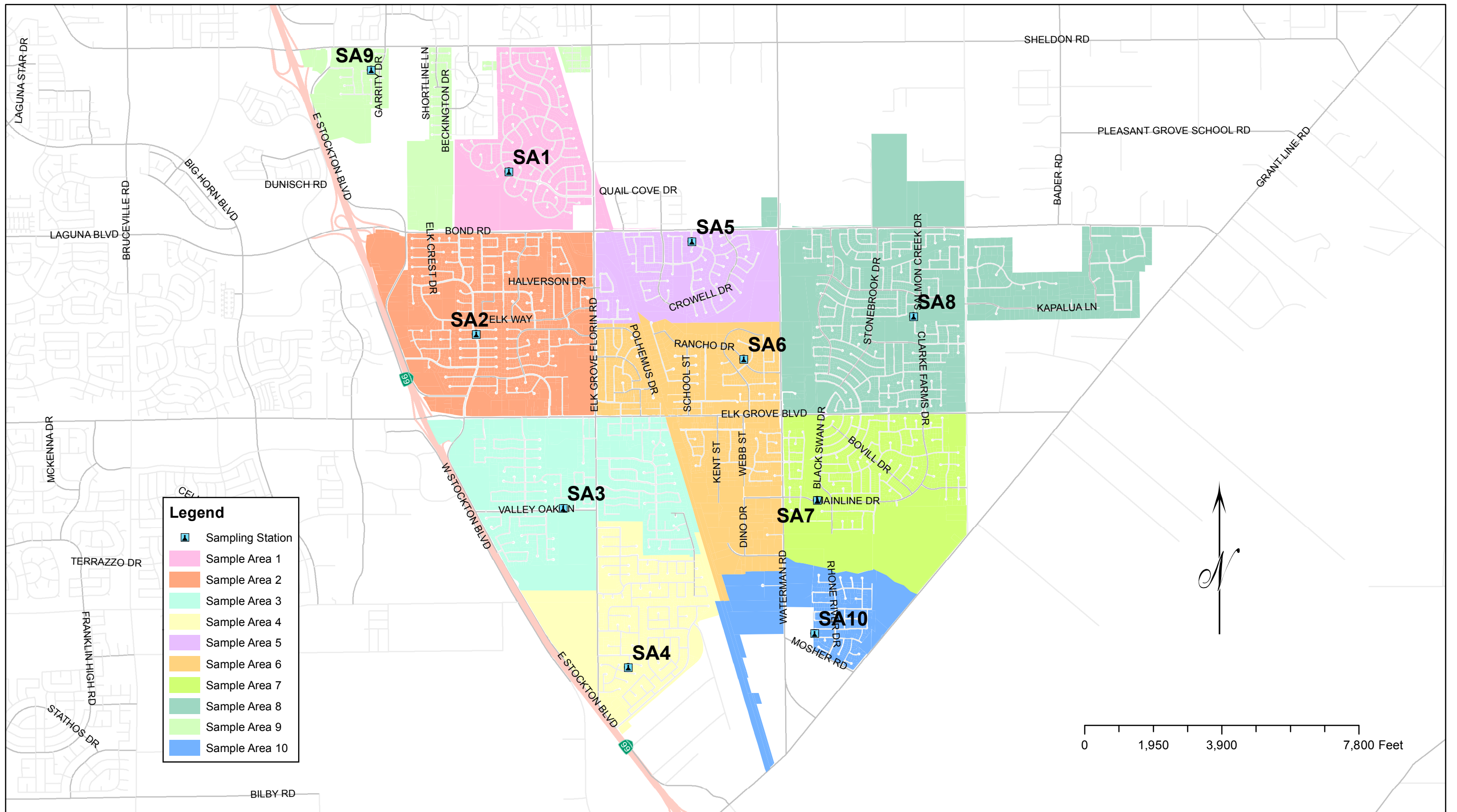
August 2014	
Main Line Leaks: 2	YTD: 3
Service Line Leaks: 1	YTD: 5
Total Leaks: 3	YTD: 8



## EGWD Leaks



Elk Grove Water District
Service / Main Leaks
Created by: Travis Franklin
Date: September 8, 2014



**Legend**

- Sampling Station
- Sample Area 1
- Sample Area 2
- Sample Area 3
- Sample Area 4
- Sample Area 5
- Sample Area 6
- Sample Area 7
- Sample Area 8
- Sample Area 9
- Sample Area 10

**Sample Stations: 10**



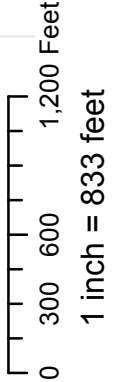
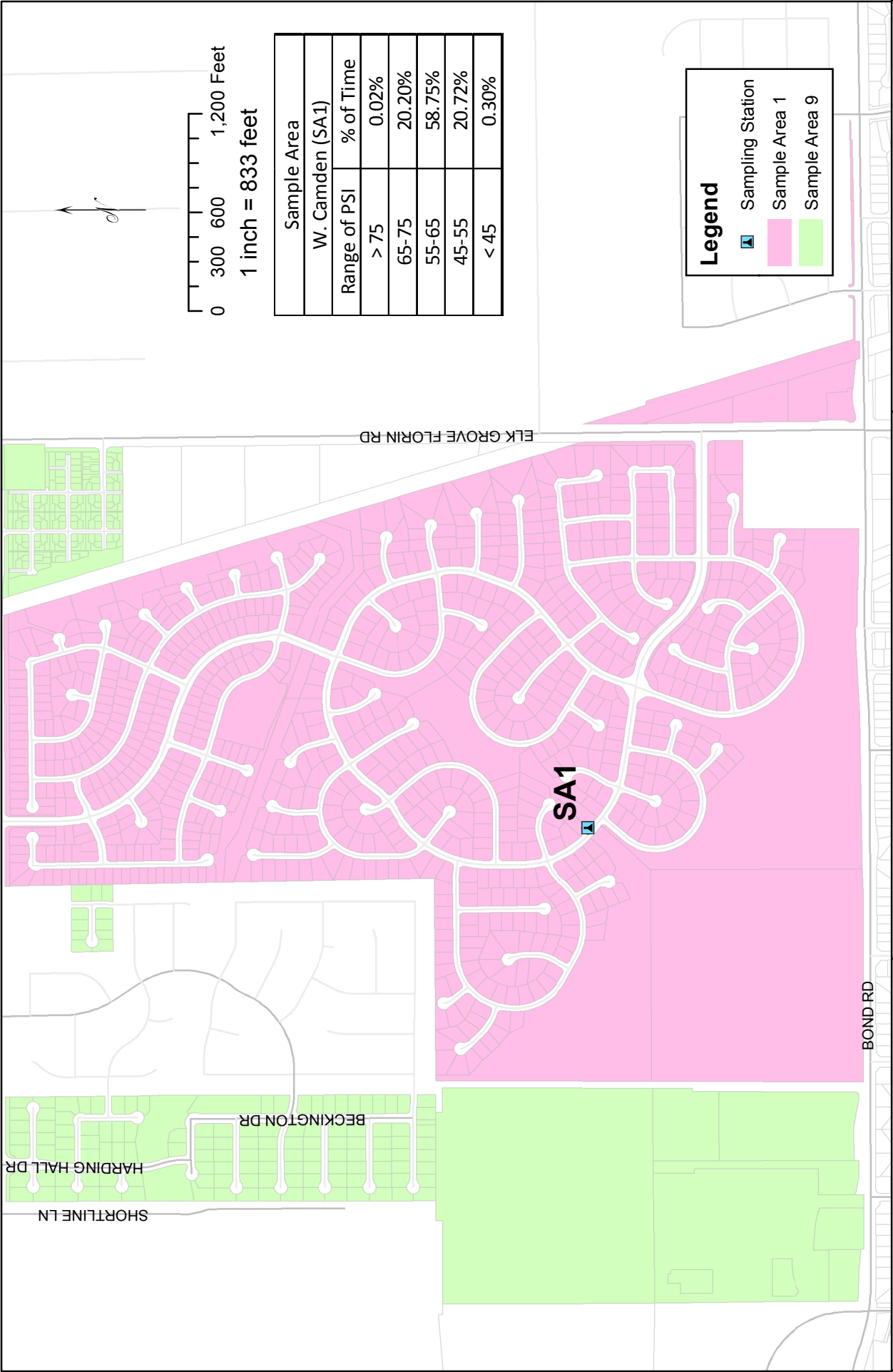
## Elk Grove Water District Sample Station Areas

Projected Coordinate System: NAD 83 State Plane CA II FIPS 0402

Source: EGWD GIS database




Modified by: Travis Franklin

September 10, 2014



Sample Area	
W. Camden (SA1)	
Range of PSI	% of Time
> 75	0.02%
65-75	20.20%
55-65	58.75%
45-55	20.72%
< 45	0.30%

**Legend**

-  Sampling Station
-  Sample Area 1
-  Sample Area 9

## Elk Grove Water District

### System Pressure Monitoring



### Sample Station #1



Note: Sample Station takes a reading every 5 minutes.

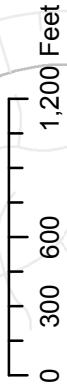
August 2014

Projected Coordinate System:  
 NAD 83 State Plane CA II FIPS 0402  
 Source:EGWD GIS database  
 Created by: Travis Franklin  
 September 10, 2014



**Legend**

-  Sampling Station
-  Sample Area 2



1 inch = 833 feet

Sample Area	
Emerald Vista (SA 2)	
Range of PSI	% of Time
> 75	0.07%
65-75	29.36%
55-65	57.23%
45-55	13.24%
< 45	0.09%

**Sample Station #2**

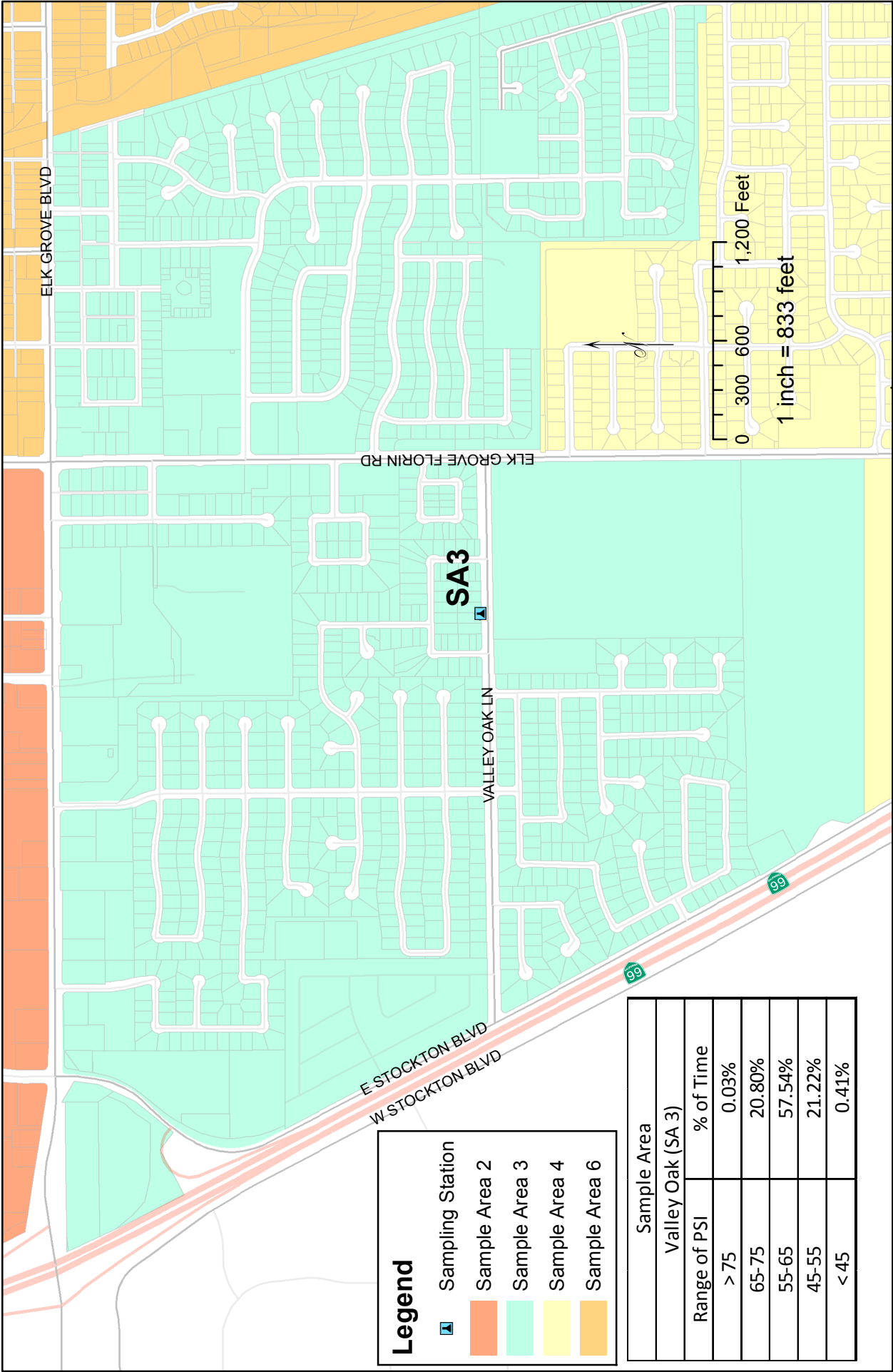
Note: Sample Station takes a reading every 5 minutes.

August 2014



**Elk Grove Water District**  
**System Pressure Monitoring**

Projected Coordinate System:  
 NAD 83 State Plane CA II FIPS 0402  
 Source: EGWD GIS database  
 Created by: Travis Franklin  
 September 10, 2014



**Legend**

- Sampling Station
- Sample Area 2
- Sample Area 3
- Sample Area 4
- Sample Area 6

Sample Area	
Valley Oak (SA 3)	
Range of PSI	% of Time
> 75	0.03%
65-75	20.80%
55-65	57.54%
45-55	21.22%
< 45	0.41%

Projected Coordinate System:  
 NAD 83 State Plane CA II FIPS 0402  
 Source: EGWD GIS database  
 Created by: Travis Franklin  
 September 10, 2014

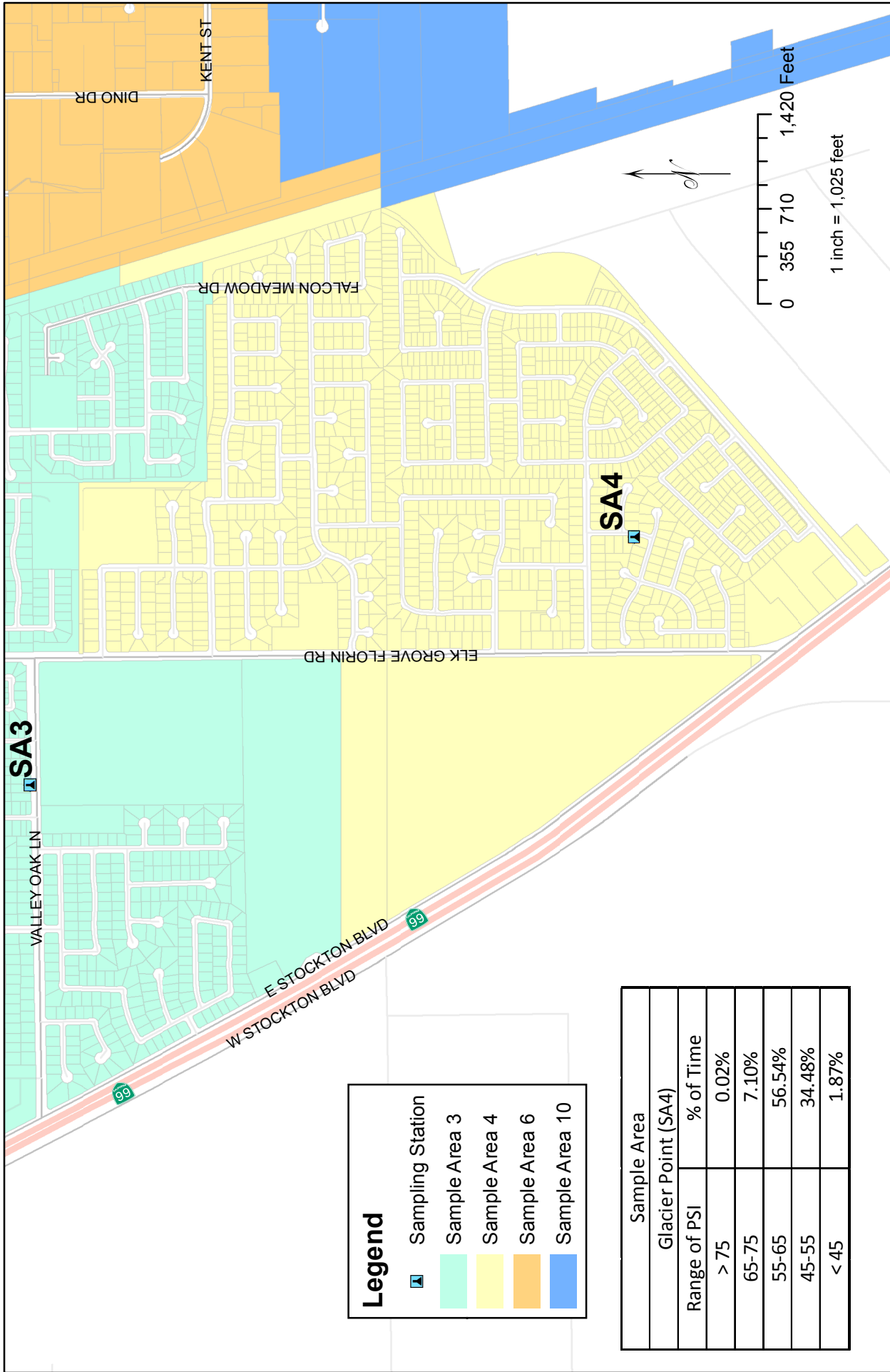
**Elk Grove Water District**  
 System Pressure Monitoring








**Sample Station #3**

Note: Sample Station takes a reading every 5 minutes.

August 2014



**Legend**

-  Sampling Station
-  Sample Area 3
-  Sample Area 4
-  Sample Area 6
-  Sample Area 10

Sample Area	Glacier Point (SA4)
Range of PSI	% of Time
> 75	0.02%
65-75	7.10%
55-65	56.54%
45-55	34.48%
< 45	1.87%

**Sample Station #4**

Note: Sample Station takes a reading every 5 minutes.

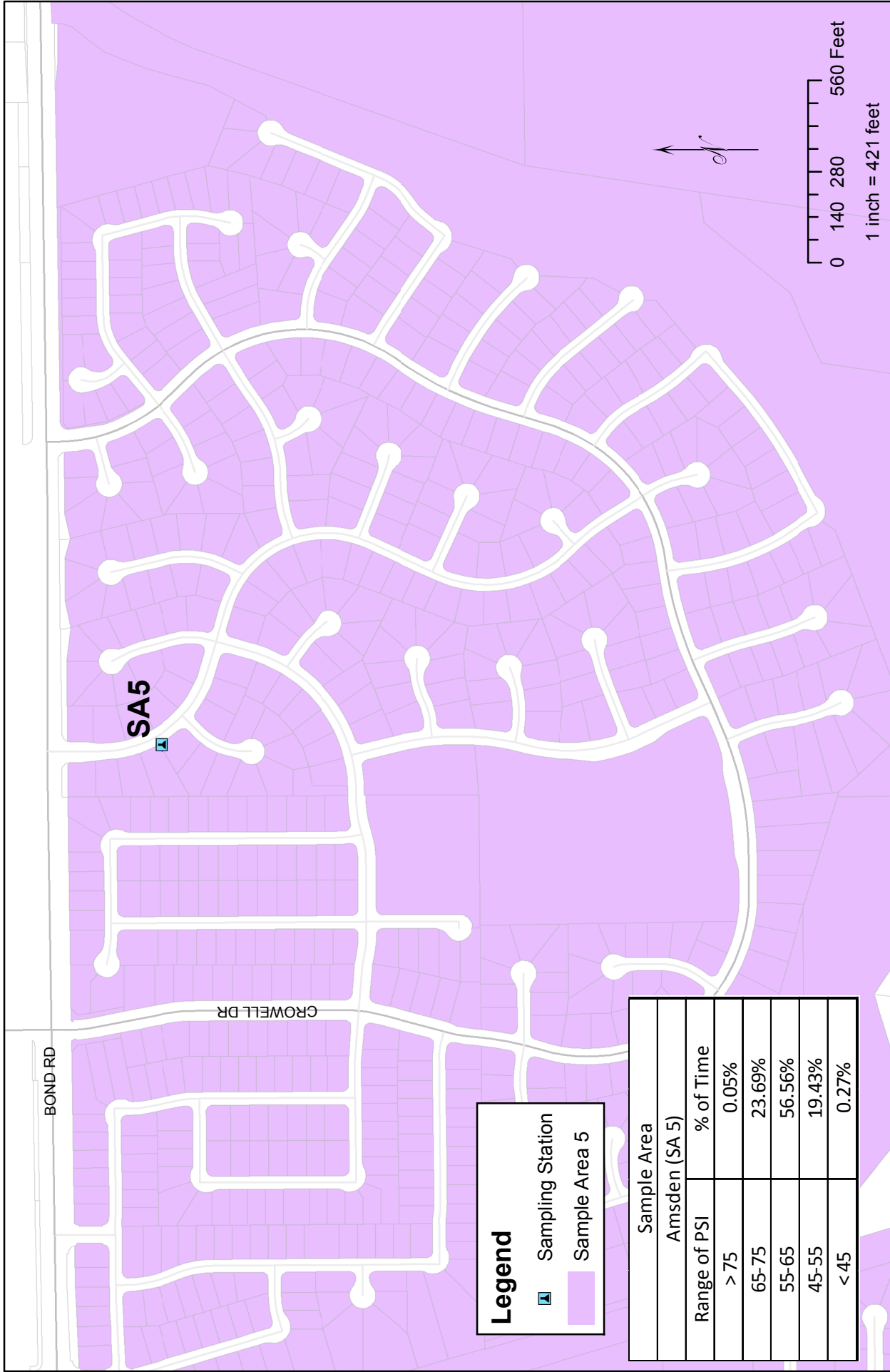
August 2014



**Elk Grove Water District**  
System Pressure Monitoring

Projected Coordinate System:  
NAD 83 State Plane CA II FIPS 0402  
Source: EGWD GIS database  
Created by: Travis Franklin  
September 10, 2014





**Legend**

- Sampling Station
- Sample Area 5

Sample Area	
Amsden (SA 5)	
Range of PSI	% of Time
> 75	0.05%
65-75	23.69%
55-65	56.56%
45-55	19.43%
< 45	0.27%

**Sample Station #5**

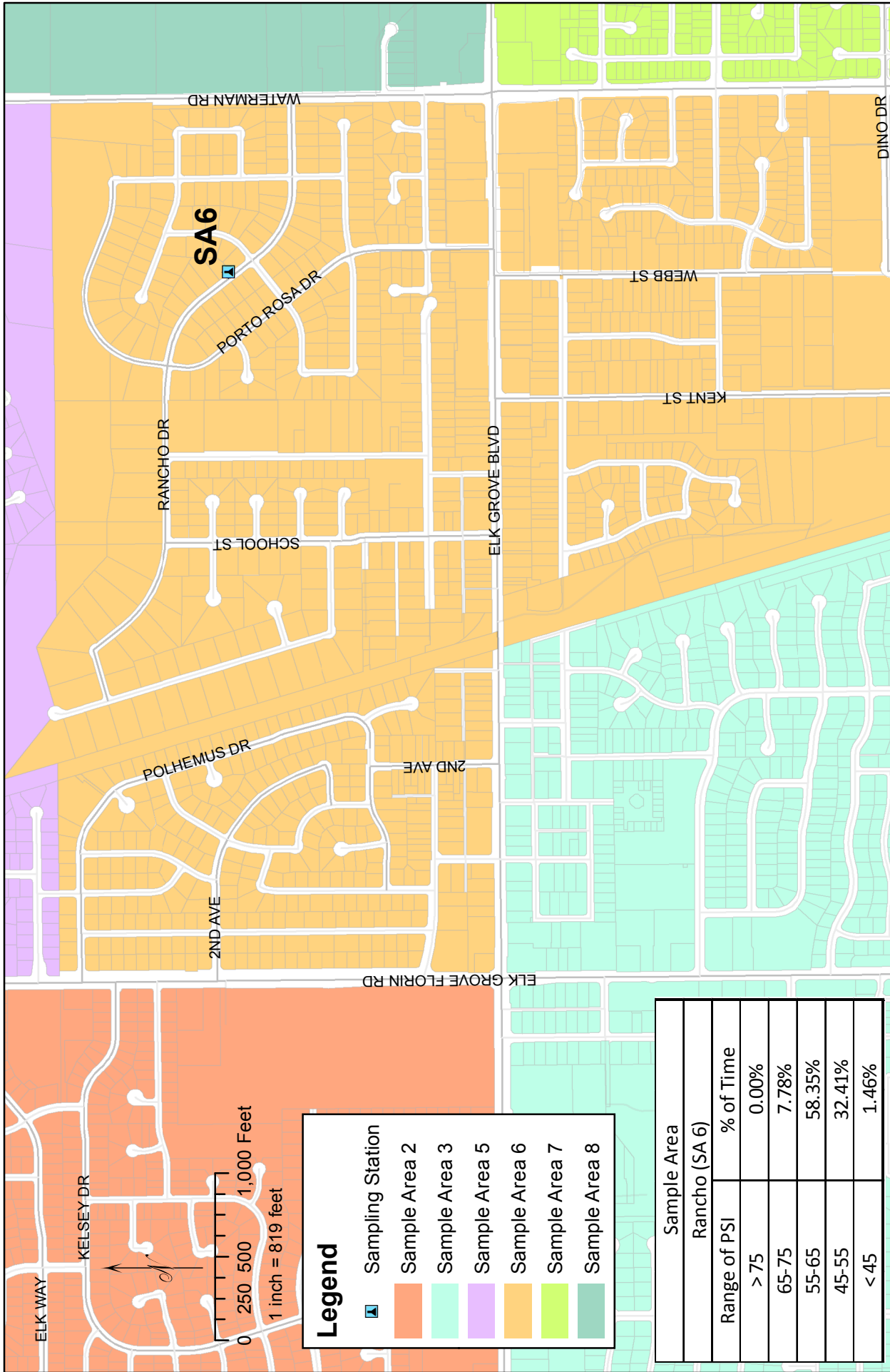
Notes: Sample Station takes a reading every 5 minutes.

August 2014



**Elk Grove Water District**  
System Pressure Monitoring

Projected Coordinate System:  
NAD 83 State Plane CA II FIPS 0402  
Source: EGWD GIS database  
Created by: Travis Franklin  
September 10, 2014



**Legend**

- Sampling Station
- Sample Area 2
- Sample Area 3
- Sample Area 5
- Sample Area 6
- Sample Area 7
- Sample Area 8

Sample Area	
Rancho (SA 6)	
Range of PSI	% of Time
> 75	0.00%
65-75	7.78%
55-65	58.35%
45-55	32.41%
< 45	1.46%

**Sample Station #6**

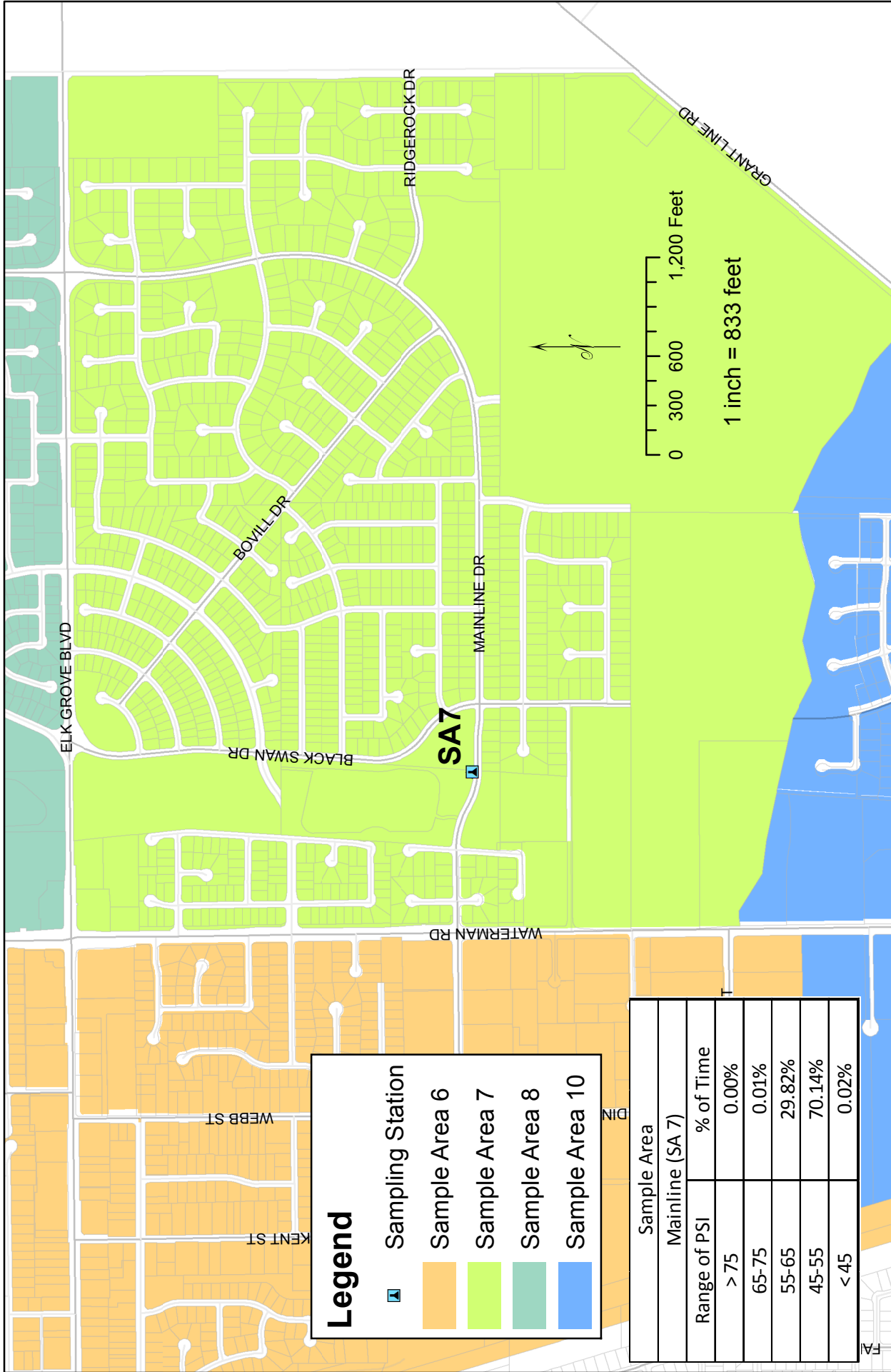
Note: Sample Station takes a reading every 5 minutes.

August 2014








**Elk Grove Water District**  
System Pressure Monitoring

Projected Coordinate System:  
NAD 83 State Plane CA II FIPS 0402  
Source: EGWD GIS database  
Created by: Travis Franklin  
September 10, 2014



**Legend**

-  Sampling Station
-  Sample Area 6
-  Sample Area 7
-  Sample Area 8
-  Sample Area 10

Sample Area	
Mainline (SA 7)	
Range of PSI	% of Time
> 75	0.00%
65-75	0.01%
55-65	29.82%
45-55	70.14%
< 45	0.02%

**Sample Station #7**

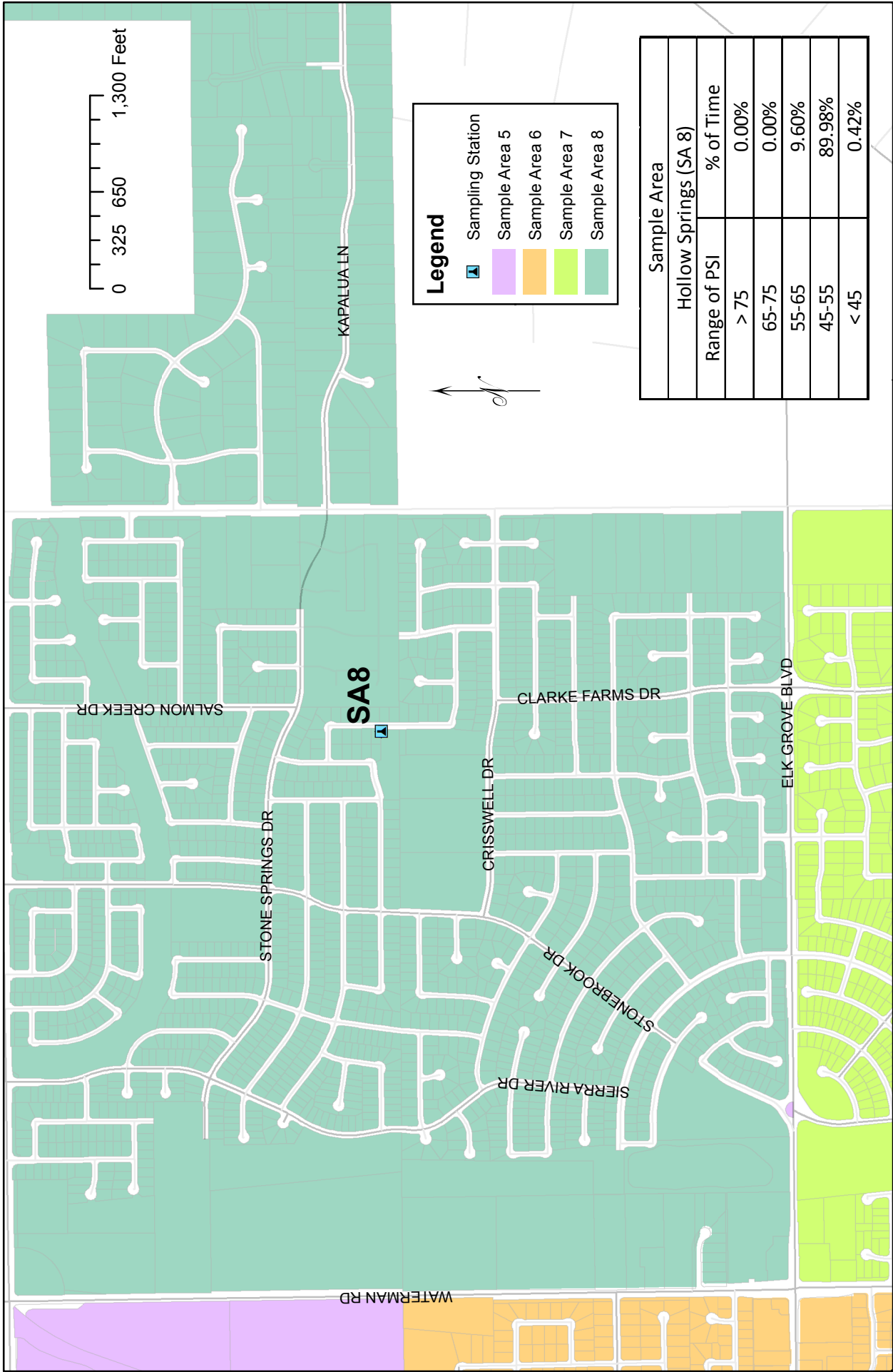
Note: Sample Station takes a reading every 5 minutes.

August 2014



**Elk Grove Water District**  
System Pressure Monitoring

Projected Coordinate System:  
NAD 83 State Plane CA II FIPS 0402  
Source: EGWD GIS database  
Created by: Travis Franklin  
September 10, 2014



**Legend**

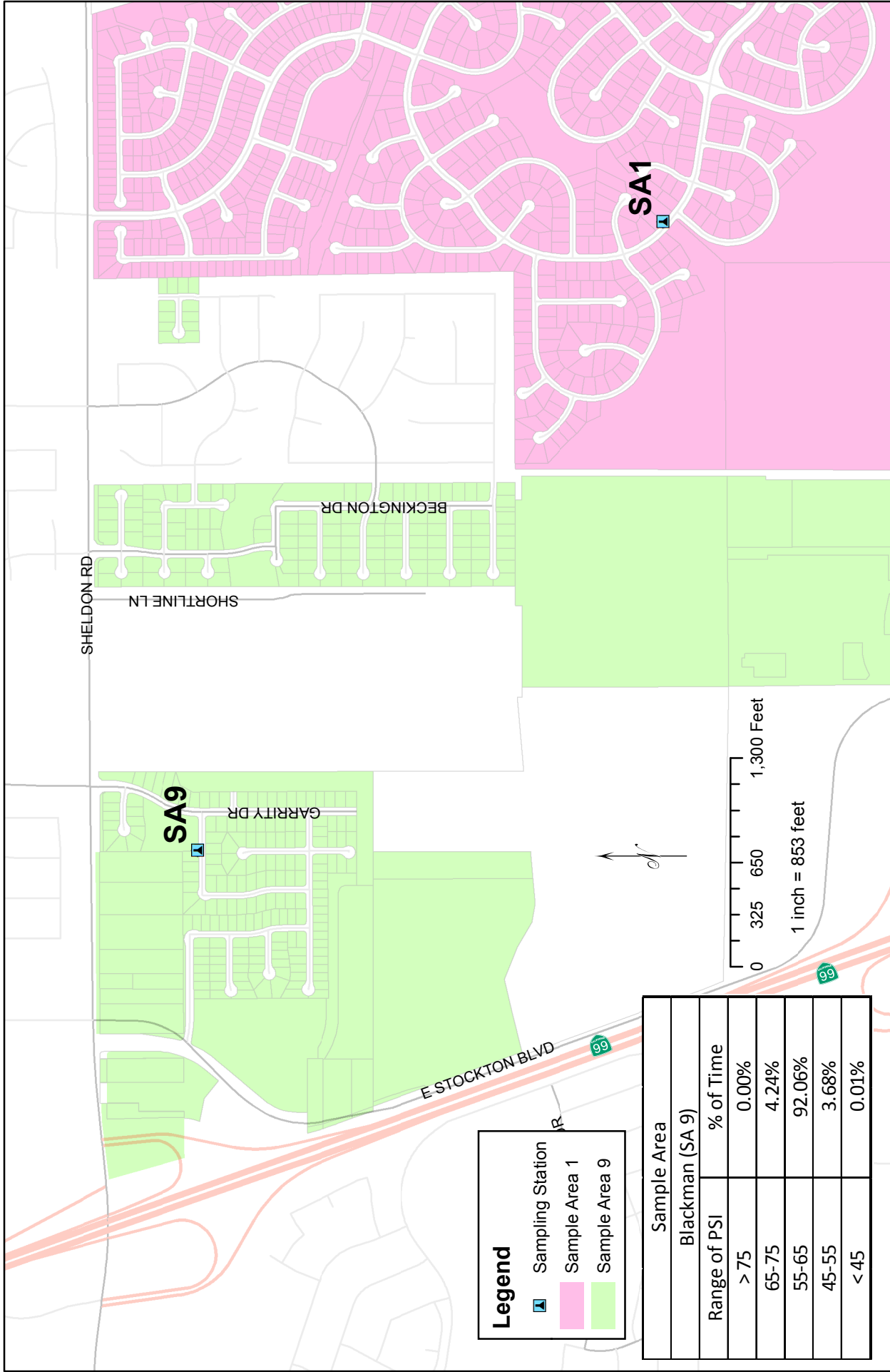
- Sampling Station
- Sample Area 5
- Sample Area 6
- Sample Area 7
- Sample Area 8

Sample Area	
Hollow Springs (SA 8)	
Range of PSI	% of Time
> 75	0.00%
65-75	0.00%
55-65	9.60%
45-55	89.98%
< 45	0.42%

Projected Coordinate System:  
 NAD 83 State Plane CA II FIPS 0402  
 Source: EGWD GIS database  
 Created by: Travis Franklin  
 September 10, 2014

**Elk Grove Water District**  
 System Pressure Monitoring

**Sample Station #8**  
 Note: Sample Station takes a reading every 5 minutes.  
 August 2014



**Legend**

- Sampling Station
- Sample Area 1
- Sample Area 9

Sample Area	
Blackman (SA 9)	
Range of PSI	% of Time
> 75	0.00%
65-75	4.24%
55-65	92.06%
45-55	3.68%
< 45	0.01%

**Sample Station #9**

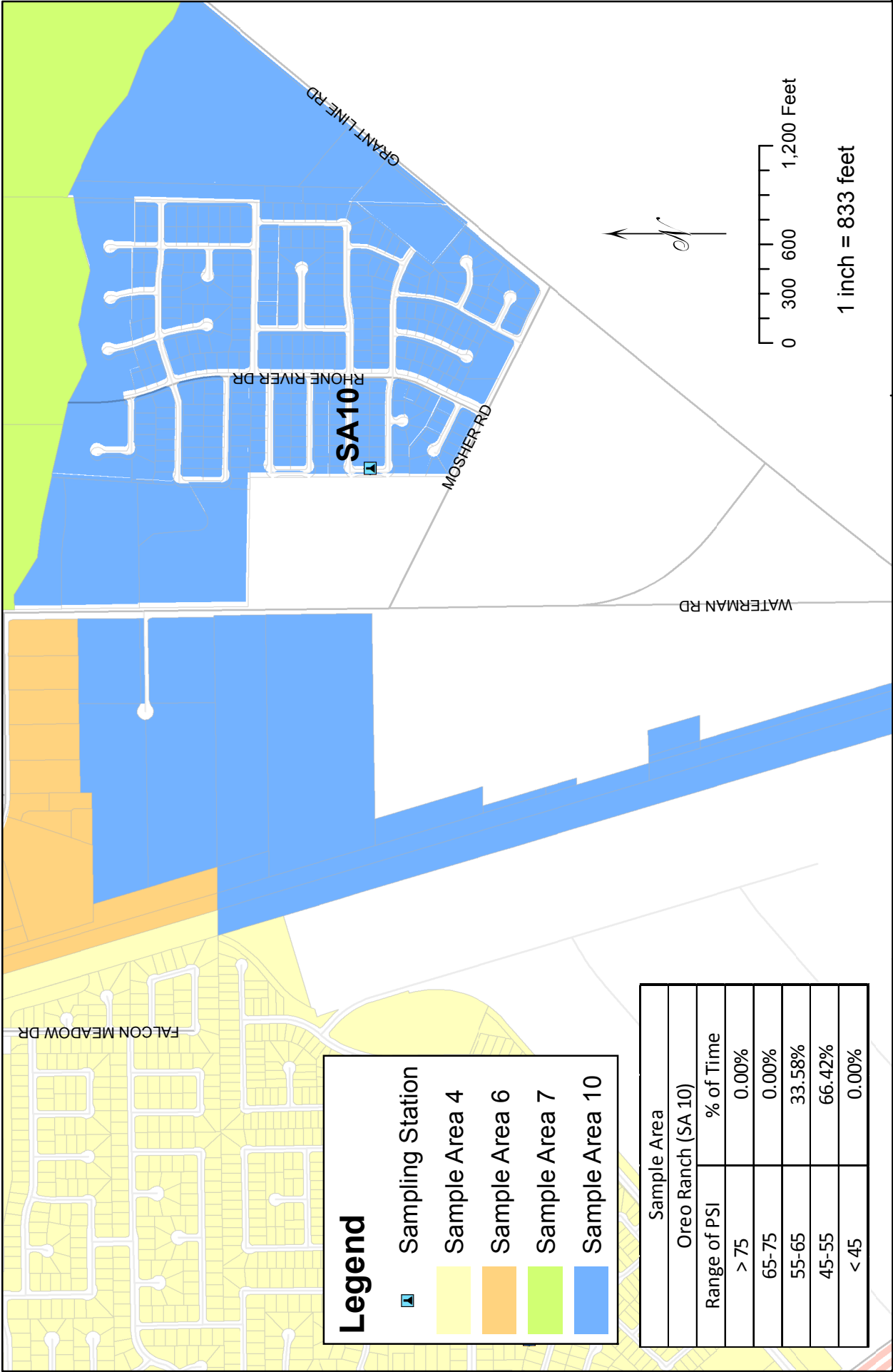
**Note:** Sample Station takes a reading every 5 minutes.

August 2014








**Elk Grove Water District**  
System Pressure Monitoring

Projected coordinate system:  
NAD 83 State Plane CA II FIPS 0402  
Source: EGWD GIS database  
Created by: Travis Franklin  
September 10, 2014



**Legend**

-  Sampling Station
-  Sample Area 4
-  Sample Area 6
-  Sample Area 7
-  Sample Area 10

Sample Area	
Oreo Ranch (SA 10)	
Range of PSI	% of Time
> 75	0.00%
65-75	0.00%
55-65	33.58%
45-55	66.42%
< 45	0.00%

	<h2 style="margin: 0;">Elk Grove Water District</h2> <h3 style="margin: 0;">System Pressure Monitoring</h3>
<h3 style="margin: 0;">Sample Station #10</h3>	<p style="margin: 0;">Note: Sample Station takes a reading every 5 minutes.</p>
<p style="margin: 0;">August 2014</p>	<p style="margin: 0;">Projected Coordinate System: NAD 83 State Plane CA II FIPS 0402</p> <p style="margin: 0;">Source: EGWD GIS database</p> <p style="margin: 0;">Created by: Travis Franklin</p> <p style="margin: 0;">September 10, 2014</p>

TO: Chairman and Directors of the Florin Resource Conservation District  
FROM: Stefani Phillips, Human Resource Specialist  
SUBJECT: **HEALTH PLAN OPTION – ACCOUNT BASED HEALTH PLAN**

## **RECOMMENDATION**

It is recommended that the Board of Directors of the Florin Resource Conservation District approve a motion to include an Account Based Health Plan, offered by the Association of California Joint Powers Insurance Authority, as an additional health plan offered to the employees of the Elk Grove Water District.

## **Summary**

The District provides a benefits package to its employees which presently includes three health plan options. Staff is proposing to add an additional health plan option, referred to as an Account Based Health Plan (ABHP). The ABHP is a high deductible health plan which also incorporates a Health Savings Account (HSA). The proposed ABHP has a significantly lower monthly premium than the other health plans that are currently offered, and potentially affords cost savings to the employees and the District

This ABHP, if approved, would be added to three other health plans currently provided by the District during open enrollment beginning October 1, 2014. The new plan year begins January 1, 2015.

## **DISCUSSION**

### **Background**

ABHP's have been offered through ACWA/JPIA for several years, although agencies have been hesitant to entertain them because there was a lack of knowledge about what they included and how they worked. More recently, ACWA/JPIA has adopted an ABHP for their employees and has worked to better educate their member agencies about the potential benefits of ABHP's.

Since January 2014, staff at the Elk Grove Water District (EGWD) began discussions with ACWA/JPIA about an ABHP. From those discussions, it became apparent that there may be advantages to the EGWD and its employees if such a plan were offered.

## **HEALTH PLAN OPTION – ACCOUNT BASED HEALTH PLAN**

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Page 2

The Employee Benefit Adhoc Committee (Chuck Dawson, Vice-Chairman and Tom Nelson, Director) has met with Mark Madison, General Manager and Stefani Phillips, Human Resource Specialist on several occasions since January 2014 to discuss the ABHP offered by ACWA/JPIA. The ABHP was introduced to the full Board during Closed Session on May 14, 2014. The Board directed staff to move forward with introducing the ABHP to staff and to bring it back for approval during a Regular Board Meeting.

### Present Situation

An ABHP is comprised of two basic components:

- 1) A high deductible health plan with free preventative care, which requires the employee to pay 100% of their medical and prescription expenses until deductible is reached.
- 2) An HSA which will be partially funded by the District and employees may add to it with pre-tax contributions.

The ABHP can offer significant reductions in employer and employee costs. The HSA provides federal tax savings and a long term savings vehicle. By offering these benefits, the District would be offering the employees more choices, and potentially save money paid. Implementing this type of program also encourages employees to take control of their healthcare expenses, choose healthier lifestyles to increase their HSA account savings, and encourages their families to do the same.

The ABHP which is being proposed for consideration is intended to match the program offered by ACWA/JPIA to their employees, and this is shown on the attachment to this staff report.

There are multiple contribution strategies an employer can consider when implementing an ABHP. There is often enough premium savings to allow the employer to fully fund the deductible while still experiencing a net savings. The annual deductibles for both the Anthem and Kaiser ABHPs are \$1,500 for Employee Only coverage and \$3,000 for Employee plus One or Family coverage. The tables below show the EGWD contributions for each plan and the net savings or cost to the EGWD when fully funding the ABHP deductible.

It should be noted that new employees and those who qualify for a status change, EGWD contributions will be prorated based on the date of enrollment for that particular year.



**HEALTH PLAN OPTION – ACCOUNT BASED HEALTH PLAN**

Page 3

<b>Anthem</b>					
	Classic PPO Annual Premiums	ABHP Annual Premiums	Annual Savings	EGWD HSA Contribution	Net savings to EGWD
Employee Only	\$8,914.80	\$7,331.52	\$1,583.28	\$1,300	<b>\$283.28</b>
Employee + One	\$18,150.84	\$14,905.08	\$3,245.76	\$2,600	<b>\$645.76</b>
Employee + Family	\$24,396.24	\$20,026.20	\$4,370.04	\$2,400	<b>\$1,970.04</b>
<b>Kaiser</b>					
	HMO Annual Premiums	ABHP Annual Premiums	Annual Savings	EGWD HSA Contribution	Net savings to EGWD
Employee Only	\$7,386.60	\$6,041.76	\$1,344.84	\$1,350	<b>(\$5.16)</b>
Employee + One	\$14,654.52	\$11,964.96	\$2,689.56	\$2,700	<b>(\$10.44)</b>
Employee + Family	\$20,686.80	\$16,881.24	\$3,805.56	\$2,550	<b>\$1,255.56</b>

All tiers of Anthem Classic and the Kaiser Family tier result in a net savings to EGWD. There is a slight annual increase in cost for Kaiser Employee Only and Kaiser Employee plus One coverage.

The table below contains a brief summary of benefits, comparing the Kaiser and Anthem traditional plans with the ABHPs. Employee only figures are used for demonstration purposes.

	Kaiser HMO	Kaiser ABHP	Anthem Classic	Anthem ABHP
Deductible	\$0	\$1,500*	\$200	\$1,500*
Dr visit co-pays	\$10	\$0	\$15	N/A
Co-Insurance	N/A	N/A	20%	10%
Maximum Out-of-Pocket	\$1,500	\$1,500*	\$1000 Medical and \$5600 RX	\$2,500*

\*Offset by employer's \$1,300 or \$1,350 contribution to HSA.

**HEALTH PLAN OPTION – ACCOUNT BASED HEALTH PLAN**

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Page 4

Under the Anthem ABHP, the out-of-pocket costs for the entire year for employee only coverage is \$1,200, employee plus one coverage is \$1,400, and employee plus family coverage is \$1,600, which includes the deductible, prescription, and co-insurance. Employees keep any unspent HSA funds, encouraging them to keep medical spending below the deductible.

Under the Kaiser ABHP, the out-of-pocket costs for the entire year for employee only coverage is \$150, employee plus one coverage is \$300, and employee plus family coverage is \$450. Employees keep any unspent HSA funds, encouraging them to keep medical spending below the deductible.

Employees will also have the opportunity to contribute additional pre-tax monies into their HSA, thereby reducing their federal tax liability. The maximum contributions to HSAs in 2015 will be \$3,350 for Employee Only and \$6,650 Employee plus One or Family.

**STRATEGIC PLAN CONFORMITY**

The proposed ABHP complies with the Florin Resource Conservation District 2012-2017 Strategic Plan as it provides a potential for District cost savings enhancing financial stability.

**FINANCIAL SUMMARY**

Although the proposed ABHP could potentially provide cost savings to the District, the financial impact is unknown at this time. The District does not know if any of the employees will choose the new health plan during open enrollment, therefore the potential cost cannot be quantified.

Respectfully submitted,



STEFANI PHILLIPS  
HUMAN RESOURCE SPECIALIST



**Initial Contribution**

In early January 2014, the JPIA will deposit the following into the Health Savings Account (HSA) for each employee enrolled in an Account Based Health Plan (ABHP). Recipients must be eligible to contribute to an HSA.

Anthem ABHP Contribution

Individual: \$1,300  
 Two-party: \$2,600  
 Family: \$2,400

*This is:*

*\$200 less than \$1,500 deductible  
 \$400 less than \$3,000 deductible  
 \$600 less than \$3,000 deductible*

Kaiser ABHP Contribution

Individual: \$1,350  
 Two-party: \$2,700  
 Family: \$2,550

*This is:*

*\$150 less than \$1,500 deductible  
 \$300 less than \$3,000 deductible  
 \$450 less than \$3,000 deductible*

**Following Year Contributions**

The amounts above will be contributed annually until the HSA balance reaches twice the annual out-of-pocket-maximum. At that point, half of the annual deductible will be deposited into the HSA by the JPIA each year. For Anthem and Kaiser ABHP plans, that figure would be:

Individual: \$750  
 Two-party: \$1,500  
 Family: \$1,500

Twice the annual out-of-pocket-maximum is:

Anthem ABHP

Individual: \$5,000  
 Two-party: \$8,000  
 Family: \$8,000

Kaiser ABHP

Individual: \$3,000  
 Two-party: \$6,000  
 Family: \$6,000

**Calculating the Balance**

To allow employees to contribute to the HSA without reducing JPIA contributions, the balance used to determine the JPIA's contribution will be calculated this way:

2014 balance: Zero  
 2015 balance: 2014 Employer contribution minus 2014 withdrawals  
 2016 balance: 2015 balance plus 2015 employer contribution minus 2015 withdrawals  
 and so on...

When balance nears twice the maximum-out-of-pocket, prorating will apply. JPIA's contribution will be *between* the full contribution and half of the deductible.

JPIA contributions to HSAs shall not exceed the difference in annual cost between the traditional Kaiser HMO or Classic PPO plans and the corresponding ABHP. The Executive Committee reserves the right to review, revise and alter the JPIA's contribution to HSAs, depending on the cost of the program and the fiscal condition of the JPIA.

Employees have the option to switch medical plans each year at Open Enrollment.

September 24, 2014

TO: Chairman and Directors of the Florin Resource Conservation District  
FROM: Ellen Carlson, Management Analyst  
SUBJECT: **LEGISLATIVE UPDATE**

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### **RECOMMENDATION**

This item is presented for information only. No action by the Board is proposed at this time.

### **Summary**

The State Assembly and Senate have adjourned until December 1. Governor Brown has until the end of September to sign or veto bills presented to him.

### **DISCUSSION**

#### **Background**

The Board requests monthly updates of legislation items related to the District. Attached is a summary of bills with recent activity.

#### **Present Situation**

On September 16, Governor Brown signed three closely watched groundwater bills, AB 1739, SB 1168 and SB 1319. These bills are co-dependent and present landmark change to how groundwater will be managed in California.

Local agencies in groundwater basins identified by the Department of Water Resources (DWR) as being high or medium priority will be required to develop groundwater sustainability plans by 2020. These local agencies will also be empowered to impose fees and regulatory controls on groundwater users within their basin.

The Regional Water Authority had expressed opposition to AB 1739 and SB 1168, but later removed its opposition with the amendments addressed through SB 1319. As staff addressed during the FRCD Board meeting in August, there is a concern that AB 1739

**LEGISLATIVE UPDATE**

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Page 2

and SB 1168 disregarding valuable and proactive groundwater management plans already implemented by some regions. The amended SB 1319 makes allowances for regions that already have sound groundwater management strategies. Another key concern is that the legislation fails to define who the local agencies will be that will provide the regulatory oversight.

As discussed at the August board meeting, on August 13<sup>th</sup>, Governor Brown signed AB 1471, placing a revised water bond on this fall's ballot. This proposal creates \$7.12 billion in new debt and repurposes previously unspent bond money in the amount of \$425 million for a total bond package of \$7.545 billion. A breakdown of the programs to be funded by the bond are attached to this report. The bond will appear on the November ballot as Proposition 1.

More than 40 agencies and organizations have voiced support of this bond package, including ACWA, California Chamber of Commerce, California Farm Bureau Federation, Northern California Water Association and Sacramento County.

**STRATEGIC PLAN CONFORMITY**

Tracking active legislation complies with the District's Regulatory Compliance goals of the 2012-2017 Strategic Plan.

**FINANCIAL SUMMARY**

There is no direct financial impact associated with the legislative items at this time.

Respectfully submitted,



ELLEN R. CARLSON  
MANAGEMENT ANALYST

Attachments

## Current Legislation

### Federal

Bill	HR 1837
Author (s)	Pallone(cosponsors Reichert, Yarmuth and Sanchez and others)
Title	Clean Water Protection Act
Introduced	5/7/2013
Summary	Amends the Federal Water Pollution Control Act to clarify that fill material cannot be comprised of waste materials
Status	5/7/2013 In subcommittee on Water Resources and Environment
Support	
Opponents	

Bill	HR 3964
Author (s)	Valadao
Title	Sacramento-San Joaquin Valley Emergency Water Delivery Act
Introduced	1/29/2014
Summary	Reallocates water released for fish and wildlife purposes to the Central Valley Water Project
Status	2/10/2014 placed on Senate calendar under General Orders (has passed the House)
Support	Congressman Nunes, Council for Citizens against Government Waste,
Opponents	Governor Brown, Restore the Delta, Friends of the River, Planning and Conservation League, California Water Impact League, California Sportfishing Protection Alliance, Clean Water Action California, Coalition for Water, Sierra Club, AquAlliance, Sacramento River Preservation Trust, Center for Biological Diversity, Winnemem Wintu Tribe, Southern California Watershed Alliance, California Coastkeeper Alliance, California Rural Legal Assistance Foundation, Foothill Conservancy , Metropolitan Water of Southern California, Eastern Municipal Water District and many others

Bill	HR 4039
Author (s)	Costa
Title	California Emergency Drought Act of 2014
Introduced	2/11/2014
Summary	Provides disaster assistance to California for drought concerns
Status	2/14/2014 referred to House subcommittee on the Environment and the Economy
Support	Metropolitan Water of Southern California, Eastern Municipal Water District, if amended; EBMUD
Opponents	

Bill	HR 4125
Author (s)	Costa
Title	Shasta Dam expansion
Introduced	2/28/2014
Summary	Authorizes expansion of Shasta Dam at an approximate cost of \$1.1 billion
Status	3/5/2014 referred to House committee on Water and Power
Support	
Opponents	

Bill	HR 4126
Author (s)	Costa
Title	San Luis Reservoir expansion
Introduced	2/28/2014
Summary	Authorizes expansion of San Luis reservoir at a cost of \$360 million
Status	3/7/2014 referred to House committee on Water and Power
Support	
Opponents	

Bill	HR 4127
Author (s)	Costa
Title	Upper San Joaquin River storage (Temperance Flat)
Introduced	2/28/2014
Summary	Authorizes construction of storage in Upper San Joaquin River at a cost estimate of \$2.5 billion
Status	3/6/2014 referred to House subcommittee on Water and Power
Support	
Opponents	

Bill	HR 4239
Author (s)	Huffman
Title	To provide Drought Assistance to the State of California and other affected Western States
Introduced	3/13/2014
Summary	Requires the "maximum quantity" of water supplies possible to the Central Valley Project and the Klamath Project and to expedite WaterSMART grant funding and emergency appropriations of \$255,000,000 for drought response
Status	4/16/2014 Referred to subcommittee on Crime, Terrorism, Homeland Security and Investigations
Support	
Opponents	

Bill	HR 4300
Author (s)	Garamendi and LaMalfa
Title	Sacramento Valley Water Storage and Restoration Act of 2014 (the Sites Project)
Introduced	3/26/2014
Summary	Approves building of the Sites Reservoir to improve flood control efforts, increase water storage, improve fish and wildlife conditions and improve the State's water system at a cost of up to \$4.1 billion.
Status	3/31/2014 Referred to House committee on Water and Power
Support	
Opponents	

Bill	S 1508
Author (s)	Cardin
Title	Water Infrastructure Resiliency and Sustainability Act of 2013
Introduced	9/17/2013
Summary	Authorizes the EPA to award grants that address changes to the hydrological conditions in the US
Status	9/17/2013 referred to the Environment and Public Works committee
Support	
Opponents	

Bill	S 2016
Author (s)	Feinstein and Boxer
Title	California Emergency Drought Relief Act of 2014
Introduced	2/11/2014
Summary	Provides western states (including California) with \$300 million for drought relief projects: \$100 million to Dept. of the Interior for water supply increase, \$100 million to farmers who practice water conservation measures that protect sensitive watersheds and the balance for grants, particularly for private forest landowners and migrant and seasonal workers directly harmed by the drought. Also increases funding for other programs and expedites drought related projects and decisions
Status	2/11/2014 referred to committee on Energy and Natural Resources
Support	Westlands Water District, California Farm Bureau Federation, California Association of Sanitation Agencies, East Bay MUD, Tulare Farm Bureau, Metropolitan Water of Southern California, Eastern Municipal Water District, if amended;
Opponents	Contra Costa Water District



Bill	S 2198
Author (s)	Feinstein
Title	Emergency Drought Relief Act of 2014
Introduced	4/1/2014
Summary	To provide additional water supplies and disaster assistance to the State of California and other Western States due to drought and for other purposes
Status	5/23/2014 Held at desk
Support	Families Protecting the Valley
Opponents	

Bill	S 2225
Author (s)	Udall
Title	Smart Water Resource Management Conservation and Efficiency Act of 2014
Introduced	4/9/2014
Summary	Creates a small number of grants to demonstrate innovative, technology-based solutions to improve water, wastewater and energy efficiencies.
Status	7/16/2014 in Committee for Environment and Public Works
Support	
Opponents	

Bill	S 2227
Author (s)	Udall
Title	Water Efficiency Improvement Act of 2014
Introduced	4/9/2014
Summary	Allows a temporary 30% tax credit for the purchase of WaterSense certified fixtures
Status	4/9/2014 in Senate Finance committee
Support	
Opponents	

Bill	S 2345
Author (s)	Menendez
Title	Sustainable Water Infrastructure Investment Act of 2013
Introduced	5/15/2014
Summary	Amends IRS code to exempt from state volume caps tax-exempt bonds for sewage and water supplies.
Status	5/15/2014 in Senate Finance committee
Support	
Opponents	

**California Assembly**

Bill	AB 194
Author (s)	Campos
Title	Brown Act amendment
Introduced	1/28/13
Summary	Amended to expand the authorization for a district attorney or interested party to seek a judicial determination that an action taken by a legislative body is null and void if the legislative body violated the requirement that every agenda for a regular meeting or notice for a special meeting provide an opportunity for members of the public to address the legislative body on items being considered, as specified.
Status	9/08/2014 Enrolled and presented to Governor
Support	
Opponents	ACWA, Association of California School Administrators, CSDA

Bill	AB 1434
Author (s)	Yamada
Title	Water corporations – Low income relief
Introduced	1/6/2014
Summary	Would require the Public Utilities Commission and Development and the State Board of Equalization to report to the Legislature on the feasibility of creating programs to provide assistance to low-income customers of water corporations.
Status	8/14/2014 Held under submission
Support	American Federation of State, County and Municipal Employees, Office of Ratepayer Advocates
Opponents	ACWA (compliance would cost too much), Sacramento Regional Water Alliance

Bill	AB 1739
Author (s)	Dickinson
Title	Groundwater basin management: sustainability
Introduced	2/14/2014
Summary	Amends the Groundwater Quality Monitoring Act of 2001 to authorize a groundwater sustainability agency to impose fees and provide technical assistance to entities that use groundwater. This agency would establish best management practices for sustainable groundwater management. Fees assessed would go to the administration of the program.
Status	9/16/2014 Signed into law by Governor Brown
Support	ACWA (if amended)
Opponents	

Bill	AB 2067
Author (s)	Weber
Title	Urban Water Management Plans:
Introduced	2/20/2014
Summary	Would add the requirement that water demand management measures be detailed in the UWMP and that water agencies report in 2015's report on their progress towards meeting the 20% by 2020 reductions
Status	8/29/2014 Enrolled and presented to Governor
Support	Metropolitan Water
Opponents	

Bill	AB 2104
Author (s)	Gonzalez
Title	Common interest developments: water-efficient landscapes
Introduced	2/20/2014
Summary	Would prohibit landscape requirements or guidelines from prohibiting low water-using plants or restricts water efficient landscaping
Status	9/18/2014 Signed into law by Governor Brown
Support	East Bay MUD, ACWA, San Diego County Water Authority
Opponents	

## California Senate

Bill	SB 868
Author (s)	Committee on Budget and Fiscal Review
Title	State water policy: groundwater resources
Introduced	1/09/2014
Summary	Originally a budget bill, SB 868 has been amended to a new subject, groundwater resources.
Status	6/15/2014 ordered to third reading, Assembly rule # 63 suspended (ignoring the Daily File)
Support	
Opponents	

Bill	SB 992
Author (s)	Nielsen
Title	Common interest developments: water-efficient landscaping
Introduced	2/12/2014
Summary	Would prohibit landscape requirements or guidelines from prohibiting low water-using plants or restricts water efficient landscaping
Status	09/18/2014 Signed into law by Governor Brown
Support	East Bay MUD, Metropolitan Water (if amended), San Diego County Water Authority
Opponents	

Bill	SB 1036
Author (s)	Pavley
Title	Urban water management plans
Introduced	2/18/2014
Summary	Requires DWR to develop methodology for voluntary reporting of energy consumption in urban water management plans
Status	8/20/2014 Enrolled and presented to Governor
Support	Metropolitan Water, East Bay MUD
Opponents	

Bill	SB 1168
Author (s)	Pavley
Title	Groundwater sustainability plans
Introduced	2/20/2014
Summary	Establishes priority levels for each groundwater basin. Enacts the Sustainable Groundwater Management Act for the sustainable management of groundwater basins through local entities with adopted groundwater management plans. These groundwater sustainability plans would replace the groundwater management plans and must be reviewed by DWR every five years
Status	9/16/2014 Signed into law by Governor Brown
Support	ACWA (if amended)
Opponents	

Bill	SB 1281
Author (s)	Pavley
Title	Oil and gas production: water use reporting
Introduced	2/21/201
Summary	Would prohibit the use of freshwater in oil and gas production if such usage compromises the use of that water for domestic or agricultural purposes. Recycled water could be used.
Status	9/02/2014 Enrolled and presented to Governor
Support	Clean Water Action, EarthWorks, Environmental Working Group, Citizens for Responsible Oil & Gas, Los Padres Forest Watch, Natural Resources Defense Council
Opponents	Chambers of Commerce Alliance – Santa Barbara and Venture Counties,

Bill	SB 1319
Author (s)	Pavley
Title	Groundwater Reform
Introduced	2/21/2014 (as an oil spill cleanup bill)
Summary	Salvages parts of existing groundwater management plans that the SWRCB deems to be acceptable; creates a probationary status for groundwater basins if groundwater extractions prove to result in significant depletion of interconnected surface waters
Status	9/16/2014 Signed into law by Governor Brown
Support	
Opponents	

Bill	SB 1420
Author (s)	Wolk
Title	Urban Water Management Plans
Introduced	2/21/2014
Summary	Will require water districts to quantify and report on system distribution loss
Status	8/25/2014 Enrolled and presented to Governor
Support	Metropolitan Water, San Diego County Water Authority
Opponents	

## **Water Quality, Supply and Infrastructure Improvement Act of 2014 – \$7.545B**

### **Regional Water Reliability - \$810M**

- Integrated regional water management \$510M.
- Stormwater capture \$200M.
- Water conservation \$100M.

### **Safe Drinking Water - \$520M**

- Provide clean, safe and reliable drinking water to all Californians. With minimum to leverage federal funds for safe drinking water and clean water programs and for disadvantaged communities.
- Small Community Wastewater Program \$260M.
- Drinking water public infrastructure \$260M.

### **Water Recycling - \$725M**

- Statewide water recycling projects and activities.

### **Groundwater Sustainability - \$900M**

- Prevent and reduce groundwater contaminants \$800M.
- Provide sustainable groundwater management planning and implementation \$100M.

### **Watershed Protection, Watershed Ecosystem Restoration, State Settlements - \$1.495B**

- Conservancies \$327.5M.
- Wildlife Conservation Board \$200M (restoration of flows.)
- Department of Fish and Wildlife \$285M (out of delta, no mitigation on Bay Delta Conservation Plan.)
- Department of Fish and Wildlife \$87.5M (in delta with constraints.)
- State settlement obligations including CVPIA \$475M.
- Rivers and creeks \$120M.

### **Storage - \$2.7B**

- Continuous appropriation for water storage projects.

### **Statewide Flood Management - \$395M**

- Statewide flood management projects and activities \$100M.
- Delta levee subvention programs and delta flood protection projects \$295M.

### **General Provisions**

- Funding eligibility requires urban or agricultural water management plans and compliance with 2009 Water Conservation Act.
- Bay Delta Conservation Plan neutral.
- Protects existing water rights and reaffirms area of origin protections.
- Assumes repurposing of \$105M from Prop. 84, \$95M from Prop. 50, \$86M from Prop. 13, \$25.5M from Prop. 204, \$13.5M from Prop. 44, \$100M from Prop. 1E and \$7.120B of new debt.



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## Key Components of California Groundwater Legislation

Although California enacted a statewide surface water law in 1914 requiring the permitting of nearly all surface water uses, the state has never broadly regulated groundwater. Until this year, it seemed unlikely that California groundwater would be regulated in the foreseeable future, but with three widely-supported bills having materialized over the last several months, the regulation of California's groundwater is now imminent.

The Legislature recently passed Senate Bill 1168 and Senate Bill 1319 (both Pavley, D-Agoura Hills) and Assembly Bill 1739 (Dickinson, D-Sacramento), which were written to be adopted together and to work in concert with one another. The Governor signed the legislation on September 16, 2014, which establishes the Sustainable Groundwater Management Act (Act) and provides for the new regulation of California's groundwater, in a once-in-a-century event.

The Act states that groundwater is a critical natural resource for the state and the state's basins must be sustainably managed. Sustainable groundwater management means that groundwater must be used in a way that does not cause "undesirable results," such as the chronic lowering of water levels, reduction in storage capacity, seawater intrusion, degraded water quality, land subsidence, and surface water depletions. The Act also states that sustainable management best occurs at the local level but provides authority for state management when local agencies are unwilling or unable to effect sustainable management.

The following is a summary and analysis of the key components of the Act.

### Application

- The Act will mostly affect high and medium priority<sup>1</sup> basins as defined<sup>2</sup> and designated by the Department of Water Resources (DWR).
- The Act applies to Indian tribes and the federal government, to the extent it is authorized under federal law. But the Act specifically notes that federal reserved rights to groundwater are to be respected "in full."

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<sup>1</sup> DWR must designate all basins as high, medium, low, or very low priority by **January 31, 2015**. If priorities are subsequently amended, newly designated high and medium priority basins will have two years to form a groundwater sustainability agency and five years to adopt a groundwater sustainability plan.

<sup>2</sup> Basins mean basins and subbasins identified in DWR's California's Groundwater: Bulletin 118. The Act provides that a local agency may request DWR to change basin boundaries upon a sufficient technical showing that such a change is justified.



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- Low and very low priority basins are exempt from the requirements of the Act but are encouraged to use the Act for basin management guidance.
- Adjudicated basins or other areas complying with an adjudication of water rights are exempt from the Act except for certain reporting requirements.
- The Act will not alter surface water or groundwater rights or give local agencies the authority to make binding determinations on water rights.

**Formation of Groundwater Sustainability Agencies**

- The Act authorizes local agencies, including water corporations regulated by the Public Utilities Commission, to form groundwater sustainability agencies after a public hearing. Local agencies must inform DWR of the formation of these agencies.
- Multiple local agencies can form a single groundwater sustainability agency through a formal legal agreement.
- There can be more than one groundwater sustainability agency per basin, but the agencies must formally coordinate their planning.
- The entire basin must be covered by an agency, i.e., there can be no dead zones or unmanaged areas.
- Agencies must provide annual groundwater reports to DWR that include elevation data, extraction data, surface water availability for groundwater recharge or in-lieu use, total water use, and changes in groundwater storage.
- Counties are presumed the default agency in unmanaged areas and must notify DWR whether they accept or decline that role.
- Groundwater sustainability agencies must:
  - Consider the interests of all beneficial uses and users of groundwater and those responsible for implementing groundwater sustainability plans.
  - Establish and maintain a list of persons interested in receiving notices regarding plan preparation, meeting announcements, and availability of draft plans, maps, and other relevant documents.
- The Act requires that all high and medium priority basins be governed by these agencies by **June 30, 2017**.

**Adoption of Groundwater Sustainability Plans**

- Groundwater sustainability agencies are authorized to develop and adopt groundwater sustainability plans.
- Before developing a groundwater sustainability plan, the agency must release a written statement that describes how interested parties may participate.
- Plans must meet the sustainability goals of the Act.
- Plans can take the following forms:
  - Single plan by one agency,
  - Single plan by multiple agencies, or





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- Multiple plans by multiple agencies.<sup>3</sup>
- All high and medium priority basins must be governed by an adopted groundwater sustainability plan by **January 31, 2022** or by **January 31, 2020** if it a basin subject to critical conditions of overdraft.

**Contents of Groundwater Sustainability Plans**

- A groundwater sustainability plan must include:
  - Long-term planning, objectives, and goals to achieve basin sustainability within 20 years;
  - Technical information regarding the basin;
  - Components relating to the monitoring and management of groundwater levels, groundwater quality degradation, inelastic land surface subsidence, and changes in surface flow and surface water quality that directly affect groundwater levels or quality or are caused by groundwater extraction in the basin;
  - Mitigation of overdraft; and
  - Recharge areas and basin replenishment.
- A groundwater sustainability plan shall include basin-specific measures if applicable such as:
  - Control of saline water intrusion;
  - Activities implementing, opportunities for, and impediments to, conjunctive use;
  - Well construction and destruction policies;
  - Measures addressing groundwater contamination cleanup, recharge, diversions to storage, conservation, water recycling, conveyance, and extraction projects;
  - Efforts to develop relationships with state and federal regulatory agencies; and
  - Effects on groundwater dependent ecosystems.

**DWR Review of Groundwater Sustainability Plans**

- DWR must adopt regulations for the evaluation of groundwater sustainability plans, implementation of plans, coordination of agencies, and alternative plans by **June 1, 2016**.
- DWR will identify necessary plan components to assist local agencies in developing them.
- After it adopts a plan, a groundwater sustainability agency shall submit its plan to DWR for review.
- DWR will post the plan (or plans) on its website and provide 60 days for public comment.
- DWR must evaluate and issue an assessment of the plan within two years of submission and may include corrective actions to any perceived deficiencies in the plan.

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<sup>3</sup> Multiple agencies with multiple plans in one basin must coordinate with each other to ensure the plans use the same data and methodologies for certain assumptions in developing the plan including groundwater elevation and extraction data, surface water supply, total water use, change in storage, water budget, and sustainable yield.  
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**Alternatives to Groundwater Sustainability Plans**

- Local agencies may use an alternative instead of a groundwater sustainability plan if it is:
  - A groundwater management plan, or pursuant to another law authorizing groundwater management,
  - Management pursuant to an adjudicated action, or
  - A professional analysis of basin conditions that shows the basin has operated within sustainable yield for the past 10 years.
- Local agencies must submit the alternative plan to DWR by **January 1, 2017** and every five years thereafter.
- Alternative plans must satisfy the objectives of the Act and are subject to DWR evaluation and assessment.
- The State Water Resources Control Board (SWRCB) may also impose yearly reporting requirements on local agencies.

**Powers of Groundwater Sustainability Agencies**

- Groundwater sustainability agencies that adopt groundwater sustainability plans will have new powers and authorities and may do anything necessary or proper to carry out the purposes of the Act, including authorities to:
  - Adopt rules, regulations, ordinances, and resolutions;
  - Propose, update, and impose fees, and levy groundwater charges;
  - Require registration of and impose requirements on wells and other groundwater extraction facilities;
  - Require measurements of every well;
  - Acquire, enjoy, and dispose of real and personal property, including water rights;
  - Transport, reclaim, purify, desalinate, treat, or otherwise manage and control polluted water, wastewater, or other waters for subsequent use;
  - File an action to determine the validity of the groundwater sustainability plan;
  - Control groundwater extractions by regulating, limiting, and suspending extractions from individual groundwater wells or wells in the aggregate;
  - Authorize transfers of groundwater extraction within agency boundaries.
- The Act does not allow groundwater sustainability agencies to issue permits for the construction, modification, or abandonment of groundwater wells. But a county may authorize a groundwater sustainability agency to issue permits for the construction, modification, or abandonment of groundwater wells.
- Enforcement powers including the ability to impose civil penalties and bring superior court actions.



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**Coordinate Land Use Planning and Water Use Planning**

- Planning agencies must give wide notice of their intent to adopt or substantially amend a city or county’s general plan, including to those managing groundwater.
- Public water systems and groundwater sustainability agencies must then provide planning agencies with relevant water supply and planning information.
- Before planning agencies can adopt or substantially amend a general plan, they must consider the adoption of groundwater sustainability plans, adjudications of water rights, and any SWRCB orders or plans.

**State Intervention**

- Intervention is not mandatory; SWRCB always may exercise discretion.
- Drought will not necessitate state intervention.
- If any of the following conditions apply, SWRCB may designate a basin as a probationary basin:
  - If after **June 30, 2017** none of the following have occurred:
    - A local agency has elected to be a groundwater sustainability agency;
    - A collection of local agencies has formed a groundwater sustainability agency or prepared agreements to develop one or more groundwater sustainability plans that will collectively serve as a groundwater sustainability plan for the entire basin; or
    - A local agency has submitted an alternative plan that has been approved or is pending approval.
  - If after **January 31, 2020** none of the following have occurred in a basin subject to critical overdraft:
    - A groundwater sustainability agency has adopted a groundwater sustainability plan for the entire basin;
    - A collection of local agencies have adopted groundwater sustainability plans that serve the entire basin; or
    - DWR has approved an alternative plan.
  - If after **January 31, 2020**:
    - DWR in consultation with SWRCB has determined that a groundwater sustainability plan for a basin subject to critical overdraft is inadequate or that the groundwater sustainability program is not being implemented in a way to achieve the sustainability goal.
  - If after **January 31, 2022** none of the following have occurred in a high or medium priority basin not subject to critical overdraft:
    - A groundwater sustainability agency has adopted a groundwater sustainability plan for the entire basin;
    - A collection of local agencies have adopted groundwater sustainability plans that serve the entire basin; or
    - DWR has approved an alternative plan.



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- If after **January 31, 2022** both of the following have occurred in a basin not subject to critical overdraft:
  - DWR in consultation with SWRCB has determined that a groundwater sustainability plan is inadequate or that the groundwater sustainability program is not being implemented in a way to achieve the sustainability goal.
  - SWRCB determines that the basin is in a condition of long-term overdraft.
- If after **January 31, 2025**, both of the following have occurred in a basin not subject to critical overdraft:
  - DWR in consultation with SWRCB has determined that a groundwater sustainability plan is inadequate or that the groundwater sustainability plan is not being implemented in a way to achieve the sustainability goal.
  - SWRCB determines that the basin is in a condition where groundwater extractions significantly deplete interconnected surface waters.
- SWRCB must exclude from probationary status any part of a basin that a groundwater sustainability agency demonstrates complies with the sustainability goal.
- Designation as a probationary basin triggers a 180-day cure period. During the cure period, SWRCB may appoint a mediator to assist local agencies. SWRCB may require extractors to report extractions.
- If the local agency does not cure the deficiency, SWRCB may proceed with an interim plan:
  - The interim plan would include:
    - Identification of the actions that are necessary to correct a condition of long-term overdraft or a condition where groundwater extractions result in significant depletions of interconnected surface waters, including recommendations for appropriate action;
    - A time schedule for the actions to be taken;
    - A description of the monitoring to be taken;
    - An interim plan may include: restrictions on groundwater extraction, a physical solution, or principles and guidelines for the administration of rights to surface waters that are connected to the basin;
    - An interim plan must include any element of a groundwater sustainability plan that SWRCB finds complies or would help with the sustainability goal of the basin and may implement or rely on parts of an adjudication action.
- SWRCB may impose fees on extractors to pay its costs.
- There are various escape hatches for SWRCB to rescind an interim plan and return to local management when local agencies demonstrate that they are making progress toward sustainable basin management.

**CEQA Implications**

- The preparation and adoption of groundwater sustainability plans is exempt from CEQA.
- The Act does not exempt plan-related projects that would significantly affect water supplies for fish and wildlife.