

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

**Wednesday, August 27, 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**

Recognition of Daphne Murra-Davis for five-years of service

Associate Director Comment

Public Comment

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

- a. Minutes of the Regular Board Meeting of July 23, 2014
- b. FRCD Cash Flow Worksheet – July, 2014
- c. Warrants Paid – July, 2014
- d. Active Accounts – July, 2014
- e. Bond Covenant Status for FY 2014-15 – July, 2014
- f. Revenues and Expenses – Actual vs Budget FY 2014-15 – July, 2014
- g. Cash Accounts – July, 2014
- h. Consultants Expenses – July, 2014
- i. Conservation Activities – July, 2014

Associate Director Comment

Public Comment

**Recommended Action: Approve FRCD Consent Calendar**

**3. Solar Energy Development Presentation** (Mark J. Madison, PE, General Manager)

Associate Director Comment

Public Comment

**4. Operations Report – July, 2014** (Mark J. Madison, PE, General Manager)

Associate Director Comment

Public Comment

**5. Associate Board Policy Revision** (Stefani Phillips, FRCD Board Secretary)

Associate Director Comment

Public Comment

**Recommended Action: 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**

**6. Adoption of the American River Basin Integrated Regional Water Management Plan** (Mark Madison, General Manager)

Associate Director Comment

Public Comment

**Recommended Action: Adopt Resolution No. 08.27.14.02 Adopting the American River Basin Integrated Regional Water Management Plan**

**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**

Adjourn to Regular Meeting – September 24, 2014.

August 27, 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-i.

**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



## MINUTES OF THE REGULAR MEETING OF THE FRCD BOARD

**Wednesday, July 23, 2014**

The regular meeting of the Board of Directors of the Florin Resource Conservation District was called to order at 6:30 p.m. by Barrie Lightfoot, Chair, at 8820 Elk Grove Blvd, Elk Grove CA.

### **Call to Order, Roll Call, and Pledge of Allegiance.**

Directors Present: Barrie Lightfoot, Chuck Dawson, Don Menasco, Elliot Mulberg and Tom Nelson

Directors Absent: None

Staff Present: Mark J. Madison, General Manager; Dennis Coleman, Finance Manager; Bruce Kamilos, Associate Civil Engineer; Donella Ouellette, Finance Supervisor; Management Analyst Ellen Carlson; Board Secretary Stefani Phillips; and Water Distribution Foreman Richard Salas; Water Distribution Operator I Salvador Mendoza; and Water Distribution Foreman Jose Carrillo

Associate Directors Present: Mike Schmitz and Davies Ononiwu

Consultants Present: Ann Siprelle, General Counsel

### **Public Comment**

None

#### **1. Proclamations and Announcements**

Recognition of Salvador Mendoza for 5 years of service.

General Manager Mark Madison presented Salvador Mendoza, Water Distribution Operator I with a plaque recognizing him for 5 years of service.

Mr. Madison introduced Hossein Golestan, who is contracted as interim Finance Manager.

#### **2. Overview of the Solano Resource Conservation District**

(Chris Rose, Executive Director)

Chris Rose, Executive Director of the Solano RCD provided an overview of the district.

Highlights:

- Partnerships
  - Joint grants with common goals
- Funding through annual tax revenue
- Other sources of funding
  - State and federal grants
  - Fee for service for service projects for local districts, cities, and county

Question and answer's include:

Director Tom Nelson inquired if the Solano RCD hires people to write grants and can they give them a percentage.

Mr. Rose responded that they already have staff that writes the grants. He said that most of the grants have requirements that identify how the monies can be used.



Mr. Nelson inquired if he has seen many grants that allow the grant writer to receive a percentage.

Mr. Rose responded that they have not pursued any that allow that. He stated that most grants have to be written with that provision included.

Director Elliot Mulberg inquired if the grant could be written to include administration of the grant.

Mr. Rose responded yes, it can be included with limitations. Staff will need to learn what the acceptable limitations are when writing the grants.

Associate Director Davies Ononiwu inquired who pays taxes on a tax assessment.

Mr. Rose responded the county pays the taxes.

### **3. Introduction of Katie Dahl, Association of California Water Agencies Regional Affairs Representative**

Katie Dahl, ACWA Regional Affairs Representative provided information highlighting current information:

1. Statewide Water Action Plan
2. Water Bond
3. Groundwater frame work
4. Drought

Chairman Barrie Lightfoot inquired if the government is listening when Ms. Dahl is representing the interests of the constituents.

Ms. Dahl responded "yes, I believe he is".

### **4. Consent Calendar**

- a. Minutes of the Regular Board Meeting of June 25, 2014
- b. FRCD Cash Flow Worksheet – June, 2014
- c. Warrants Paid – June, 2014
- d. Active Accounts – June, 2014
- e. Bond Covenant Status for FY 2013-2014 – June, 2014
- f. Revenues and Expenses – Actual vs Budget FY 2013-2014 – June, 2014
- g. Cash Accounts – June, 2014
- h. Consultants Expenses – June, 2014
- i. Conservation Activities – June, 2014

Director Elliot Mulberg stated that he appreciates the updates of the Conservation Activities. He stated that he also appreciates Ms. Carlson's work with Stone Lake Wildlife Refuge. He added that he would like to see more partnerships added to the activities in the future.

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

## 5. Operations Report – June, 2014

General Manager Mark Madison highlighted the following activities:

- Door hangers – 361
- Low pressure complaints – 8
  - Sacramento County pressure dropped
- USA locates - 112
- Valve exercising – 124 (exceeds the performance metrics)
- Meters Retrofit –Utility Department
  - 29 residential remaining
  - 24 commercial remaining
- Combined total production down – 18.8% (decrease from conservation awareness)
- Static pumping levels dropped significantly.
  - Deep Well 14 D is -104 to -130 below ground surface
  - Shallow wells are not indicating the drop as much.
- All samples were regular and submitted on time.
  - Additional samples were taken related to the warf hydrant retrofits
    - Warf hydrants replaced – 76 completed and 10 left (they will be replaced when the 4” mainline is replaced when the 6” mainline is installed).
- Melrose is currently underway (2 month project)
- Commercial meters are being installed related to backflow.
- Residential meters
  - Multi-family units – approximately 100 units (completion goal – end of calendar year)

Mr. Madison stated that the drought has definitely hit Elk Grove’s water table it is evident in the static pumping levels.

Mr. Madison complimented the customers for reducing their consumption during the drought.

Questions and answer’s include:

Vice-Chairman Chuck Dawson inquired why the combined production was down for 2011.

Mr. Madison stated he would have to research that.

Director Tom Nelson commented that he has a concern about the District using their shallow wells because it may affect people in the area who have shallow wells.

Mr. Madison responded “point well taken.”

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

General Manager Mark Madison informed the Board that it was not imperative to adopt the IRWMP at this Board meeting. He stated that the Board could adopt it at the August Board meeting allowing more time to read it.

Chairman Barrie Lightfoot stated that he was not comfortable voting on something that the Board has not thoroughly examined.



The Board's consensus was to bring the item back to the August Board meeting.

## **7. Amendment to Water Shortage Contingency Plan and Implementation of Stage 1 – Water Alert**

Management Analyst Ellen Carlson and General Manager Mark Madison presented the following regarding the Water Shortage Contingency Plan:

On July 15, 2015 the State Water Resources Control Board issued Resolution No. 2014-0038 adopting an emergency regulation for statewide urban water conservation, making certain requirements of urban water suppliers. The proposed amendment will mandate no outdoor irrigation of even number addresses except on Monday, Thursday, and Saturday (although they are urged to water only on Monday and Thursday); and no outdoor irrigation of odd number addresses except on Tuesday, Friday, and Sunday (although these addresses are urged to water only on Tuesday and Friday).

The State Water Resources Control Board approved the emergency regulations to go into effect on August 1, 2014 and require urban water suppliers (such as the District) whom have a water shortage contingency plan to implement a stage of its water shortage contingency plan which imposes mandatory restrictions on outdoor irrigation. The Districts plan meets the requirements and includes related provisions pertaining to penalties and enforcement.

Question and answer's include:

Director Tom Nelson inquired if the fines were the same as they were.

Ms. Carlson responded yes, they are the same.

Vice-Chairman Chuck Dawson inquired if it was mandatory for two days a week.

General Manager Mark Madison responded no, mandatory for three days and urging two.

Vice-Chairman Chuck Dawson inquired if the watering cycles apply to people with wells.

Mr. Madison replied yes, it does apply for EGWD customers.

Director Don Menasco commented that the new state mandate is vague. He inquired who is enforcing it and who will audit.

Mr. Madison responded the requirements for enforcement are vague. He stated that the City of Elk Grove would be the best to enforce the new mandate. He stated that the provisions discuss violations and infractions, which are criminal. Mr. Madison commented that EGWD does not have enforcement for such infractions.

Vice-Chairman Chuck Dawson stated that he was worried about the City being overzealous.

The Board discussed the idea of the City of Elk Grove taking over enforcement.

Chairman Barrie Lightfoot commented that he does not want this to be a money maker for the City.



Mr. Madison stated that he did not want to be heavy handed with the customers. He stated they have done an excellent job in conservation and we want to compliment them on their efforts.

Mr. Madison stated that there will be a meeting in a couple of days with the City, the County of Sacramento, the Cosumnes Community Services District and some others to discuss the mandate. Mr. Madison commented that good communication will be essential with this new mandate.

MSC (Lightfoot/Nelson) to adopt Ordinance No. 07.23.14.02 Amending the Water Shortage Contingency Plan's Outdoor Irrigation Schedule and Order Implementation of Stage 1 – Water Alert

## **8. Professional Services Agreement for Preparation of Asset Management Plan**

Associate Civil Engineer Bruce Kamilos presented the Profession Services Agreement for preparation of the Asset Management Plan. He stated the completion of the Asset Management Plan is part of the EGWD's Strategic Plan and the FY 2015-19 CIP. Mr. Kamilos stated he solicited proposals from five consultant engineering firms for the preparation of an Asset Management Plan. He stated that two consultant firms, MC Engineering and Kennedy/Jenks Consultants, provided EGWD with proposals. Mr. Kamilos provided the proposal with the highest quality and lowest cost to prepare an Asset Management Plan.

Question and answer's include:

Director Elliot Mulberg inquired how often the plan needs to be updated.

Mr. Kamilos replied that he doesn't have a straight answer for the question. He said it should stay data current for some time. Mr. Kamilos stated that as time goes on, assets will need to be updated and formulas will change.

Director Elliot Mulberg was concerned about whether the Asset Management Plan driving the CIP; and do we have someone in-house who can run the model.

Mr. Kamilos responded no, it's not driving it solely, but it will help to improve over the long-term. He said that the District's GIS Technician I is competent in ArcGIS as well as himself.

Vice-Chairman Chuck Dawson stated that the District needs to get a handle on the assets for the future.

Director Tom Nelson inquired if it has the ability to change parameters on the frequency of the District's needs.

Mr. Kamilos replied, yes.

Director Don Menasco inquired if the program was non-proprietary.

Mr. Kamilos responded that it is non-proprietary and based on an open architecture code.

Director Tom Nelson inquired if the District was going to need a new server for the program.

Mr. Kamilos stated that he believes the server the District has now, has enough capacity.

Director Don Menasco inquired if staff thought the District may need consultants for this Asset Management Plan in the future.

Mr. Kamilos responded that he did not believe that the District would need to reach back out for them.

Director Elliot Mulberg inquired if the staff could run the model.

Mr. Kamilos assured Director Elliot Mulberg that District staff was competent to run the model.

MSC (Dawson/Nelson) to approve a Motion Authorizing the General Manager to Execute a Professional Services Agreement with Kennedy/Jenks Consultants in the Amount of \$73,370 for the Preparation of an Asset Management Plan

## **9. Amendment to FY 2014/15 Capital Improvement Program and Hampton Village Water Treatment Plant Refurbishment Project Contract**

Associate Civil Engineer Bruce Kamilos presented the Amendment to FY 2014/15 Capital Improvement Program and Hampton Village Water Treatment Plant Refurbishment Project Contract for consideration by the FRCD Board of Directors.

Mr. Kamilos reported that the bid amount of \$996,039 exceeds the amount budgeted for the project in the FY 2014-15 CIP. He stated that the Board had appropriated \$2,775,000 of unrestricted funds to the FY 2014-15 CIP reserve fund at the July 26, 2014 board meeting. Mr. Kamilos requested an additional \$711,039 of unrestricted funds to the FY 2014-15 CIP reserve fund to cover the difference between what was budgeted and the bid amount of the project.

Mr. Kamilos stated that he would discuss potential value engineering items with the contractor in an effort to achieve cost savings on the project.

Director Elliot Mulberg requested staff to adjust Table 1 in the FY 2014-15 CIP and carry that change throughout the affected tables in the CIP document.

MSC (Menasco/Dawson) to approve a Motion Amending the FY 2015-19 Capital Improvement Program (CIP), Appropriating an Additional \$711,039 of Unrestricted Funds to the FY 2014-15 CIP Reserve Fund, and Authorizing the General Manager to Execute a Construction Contract in the Amount \$996,039 with TNT Industrial Contractors, Inc. for the Hampton Village Water Treatment Plant Refurbishment Project.

Chairman Barrie Lightfoot requested staff to prepare binders in the future of the CIP document, so future pages with changes and revisions may be switched more easily than the bound document.

## **10. Legislative Update**

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

Highlights:



- AB 2100 (Yard maintenance and fines during drought) was signed into law by the Governor and is effective immediately.
- AB 1434 (Water Corporations-low income relief) in appropriations
- AB 1739 (Groundwater basin management; sustainability) in appropriations
- SB 1036 (Urban water management plans) in appropriations
- SB 1168 (Groundwater management plans) in appropriations
- SB 1420 (Urban water management plans) in appropriations
- AB 2043 (Safe, Clean and Reliable Water Supply Act of 2014) File notice suspended
- AB 2686 (Safe, Clean and Reliable Water Supply Act of 2014) File notice suspended

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

No comments were made.

### **12. Directors Comments and Information**

FRCD Board Secretary Stefani Phillips will send by email the Board of Directors the dates for pulling papers for the election.

### **13. Closed Session**

PUBLIC EMPLOYEE PERFORMANCE EVALUATION

Pursuant to Section 54957

Title: General Counsel

No reportable action taken.

Respectfully submitted,

*Stefani Phillips*

Stefani Phillips, Secretary





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

<b>Cash in Bank – Beginning</b>	<b>\$143,655.08</b>
<b>Receipts:</b>	<b>5,275.38</b>
<b>Interest Earned</b>	<b>9.30</b>
<b>Disbursements:</b>	
<b>Check # 1001-Best Best &amp; Krieger-Legal</b>	<b>-3816.80</b>
<b>Check # 1002-SDRMA-Libility Ins.</b>	<b>-1508.24</b>
<b>Cash in Bank – Ending</b>	<b>\$143,614.72</b>

Check History Report

7/1/2014 to 7/31/2014  
Elk Grove Water District

Check Number	Check Date	Vendor Number	Name	Check	Explanation
036869	7/9/2014	ADT	TYCO INTEGRATED SECURITY LLC	333.20	Security-ADMIN
036870	7/9/2014	ARC	ARC	53.59	
036871	7/9/2014	ATT&T	AT&T MOBILITY	49.52	
036872	7/9/2014	BATTER	BATTERIES PLUS	114.37	
036873	7/9/2014	BEST	BEST, BEST & KRIEGER	10,587.09	Legal
036874	7/9/2014	BSK4	BSK ASSOCIATES	115.00	
036875	7/9/2014	CDW	CDW GOVERNMENT	298.47	
036876	7/9/2014	COEG	CITY OF ELK GROVE	4,310.46	Meter Retrofit Program
036877	7/9/2014	COMSTOC	COMSTOCK JOHNSON ARCHITECTS	1,002.50	
036878	7/9/2014	COUNTY4	SACRAMENTO COUNTY UTILITIES	93.91	
036879	7/9/2014	COUNTY4	SACRAMENTO COUNTY UTILITIES	85.07	
036880	7/9/2014	CR NTC	SACRAMENTO COUNTY UTILITIES	86.23	
036881	7/9/2014	CR TC	FIDELITY NATIONAL TITLE COMP	107.96	
036882	7/9/2014	CR TC	FIDELITY NATIONAL TITLE COMP	37.76	
036883	7/9/2014	CR TC	FIDELITY NATIONAL TITLE COMP	42.85	
036884	7/9/2014	CR TC	FIDELITY NATIONAL TITLE COMP	100.00	
036885	7/9/2014	CRF NT	NORTH AMERICAN TITLE COMPANY	225.74	
036886	7/9/2014	CRF NT	NORTH AMERICAN TITLE COMPANY	104.66	
036887	7/9/2014	CROCTC	ORANGE COAST TITLE COMPANY	124.56	
036888	7/9/2014	CSDS	CSDS SACRAMENTO	67.87	
036889	7/9/2014	DATAPRO	DATAPROSE LLC	7,001.78	Monthly Billing
036890	7/9/2014	DITCH	DITCH WITCH EQUIPMENT CO., INC.	58.25	
036891	7/9/2014	EBERHAR	EBERHART SOFTWARE CONSULTING	262.50	
036892	7/9/2014	EFFECT	EFFECTIVE PHONE SOLUTIONS INC.	1,120.22	Disaster Recovery Backup offsite
036893	7/9/2014	EMP REL	EMPLOYEE RELATIONS, INC	44.50	
036894	7/9/2014	EVO	EMERGENCY VEHICLE OUTFITTERS	1,981.85	Light Bar for Truck #413
036895	7/9/2014	FASTENA	FASTENAL COMPANY	535.46	
036896	7/9/2014	FISHER	FISHER TILE & MARBLE, INC	3,858.00	MOC- Restroom Repair
036897	7/9/2014	FRONT C	FRONTIER COMMUNICATIONS	213.03	Well site communications
036898	7/9/2014	FRONT C	FRONTIER COMMUNICATIONS	163.53	Well site communications
036899	7/9/2014	FRONT C	FRONTIER COMMUNICATIONS	168.91	Well site communications
036900	7/9/2014	GOLDEN	GOLDEN STATE FLOW MEASUREMENT	359.10	
036901	7/9/2014	GREAT A	GREATAMERICA LEASING CORP	144.50	
036902	7/9/2014	HACH	HACH COMPANY	185.13	
036903	7/9/2014	HANSEN	HANSEN PAINTING & DECORATING	3,475.00	Well # 9 HydroTank
036904	7/9/2014	HERBURG	HERBURGER PUBLICATIONS, INC	767.15	
036905	7/9/2014	INLAND	INLAND BUSINESS SYSTEMS	106.71	
036906	7/9/2014	ISCC	ISCC, INC	149.00	
036907	7/9/2014	MC ENGI	MC ENGINEERING, INC	1,110.00	
036908	7/9/2014	MUNIQUI	MUNIQUIP, INC	892.04	Backflow Prevention On-Call Services
036909	7/9/2014	NICOLAY	NICOLAY CONSULTING GROUP	3,900.00	Repairs & Maintenance of Equipment-Treatment Actuarial Valuation
036910	7/9/2014	PACE	PACE SUPPLY CORP	22,265.21	Materials/Distribution-Metro Retro/Distribution
036911	7/9/2014	PACER	PACER SERVICE CENTER	20.80	
036912	7/9/2014	PAULA M	PAULA MAITA & COMPANY	367.49	
036913	7/9/2014	PHENIX	PHENIX PRINT & IMAGE	3,132.00	
036914	7/9/2014	PLATT2	PLATT	21.48	CCR 2014



037082	7/25/2014	ROTH	ROTH STAFFING COMPANIES, L.P.	1,143.91	
037083	7/25/2014	EG FORD	ELK GROVE FORD	51,337.09	Temporary Admin Assistant. Position
037084	7/30/2014	ACWAJPI	CB&T/ACWA-JPIA	46,070.50	2015 Ford F550 Dump Truck
037085	7/30/2014	BATTER	BATTERIES PLUS	56.70	
037086	7/30/2014	COUNTY	COUNTY OF SACRAMENTO	255.83	
037087	7/30/2014	COUNTY4	SACRAMENTO COUNTY UTILITIES	96.29	
037088	7/30/2014	HACH	HACH COMPANY	38.06	
037089	7/30/2014	INLAND	INLAND BUSINESS SYSTEMS	228.65	
037090	7/30/2014	INT STA	INTERSTATE OIL COMPANY	2,555.85	Fuel
037091	7/30/2014	JAN PRO	JAN-PRO CLEANING SYSTEMS	270.00	
037092	7/30/2014	JAYS	JAY'S TRUCKING SERVICE	661.89	Materials/Distribution-Metro Retro/Distribution
037093	7/30/2014	MANAGE	MANAGEMENT PARTNERS	6,238.01	Interim Finance Manager
037094	7/30/2014	PACE	PACE SUPPLY CORP	263.09	
037095	7/30/2014	RYAN	RYAN HERCO PRODUCTS CORP	123.15	
037096	7/30/2014	TRAFF S	TRAFFIC SIGN SPECIALTIES	68.31	
037097	7/30/2014	VALL MO	VALLEY MOTOR PARTS	24.28	
037102	7/31/2014	AIRWORK	AIR WORKS INC. DBA SUMMIT AIR	608.51	New Thermostat-Treatment
037103	7/31/2014	AMEX DM	AMERICAN EXPRESS	55.00	Annual Dues
037104	7/31/2014	AMEXDMC	AMERICAN EXPRESS	55.00	Annual Dues
037105	7/31/2014	AMEXLF	AMERICAN EXPRESS	55.00	Annual Dues
037106	7/31/2014	ATT&T	AT&T MOBILITY	289.28	Field Cell Phones-OPS
037107	7/31/2014	BG SOLU	SOLUTIONS BY BG INC.	4,758.62	Daily Tasks & Help Tickets-New two week billing
037108	7/31/2014	BSK4	BSK ASSOCIATES	2,270.00	Sampling-Treatment
037109	7/31/2014	CALIFOR	CALIFORNIA SURVEYING	64.11	
037110	7/31/2014	CAP RUB	CAPITAL RUBBER	351.54	
037111	7/31/2014	CDW	CDW GOVERNMENT	2,539.71	Computers/Software
037112	7/31/2014	COEG	CITY OF ELK GROVE	105.90	
037113	7/31/2014	DITCH	DITCH WITCH EQUIPMENT CO., INC	124.20	
037114	7/31/2014	EDWARD	EDWARD R. BACON COMPANY, INC	177.46	
037115	7/31/2014	EFFECT	EFFECTIVE PHONE SOLUTIONS INC.	1,120.22	
037116	7/31/2014	FASTENA	FASTENAL COMPANY	171.90	Disaster Recovery Backup offsite
037117	7/31/2014	FERGUS	FERGUSON ENTERPRISES, INC	4,160.70	Saddles/Corps-Melrose Ave/CIP
037118	7/31/2014	GREAT A	GREATAMERICA LEASING CORP	144.50	
037119	7/31/2014	HALING	CINDY HALING	510.00	
037120	7/31/2014	INT STA	INTERSTATE OIL COMPANY	3,137.17	Fuel
037121	7/31/2014	JAYS	JAY'S TRUCKING SERVICE	447.10	Materials/Supplies-Meter Retro/Distribution
037122	7/31/2014	JOHNSON	JOHNSON CONCRETE SAWING & DEMO	1,188.08	Flat Saw cutting/ Melrose Ave/CIP
037123	7/31/2014	MANAGE	MANAGEMENT PARTNERS	8,994.60	Interim Finance Manager
037124	7/31/2014	MC ENGI	MC ENGINEERING, INC	3,505.56	Backflow Prevention On-Call Services
037125	7/31/2014	MUNIQUI	MUNIQUEIP, INC	4,500.62	Rebuild 2 chlorine dosing pumps for RRTWP
037126	7/31/2014	NETMO	NETMOTION WIRELESS, INC	3,000.00	Software connection for the field-OPS
037127	7/31/2014	PACE	PACE SUPPLY CORP	23,975.21	Materials/Distribution-Metro Retro/Distribution
037128	7/31/2014	PLACER	RIVER CITY RENTALS	1,620.00	Materials/Equipment Rental
037129	7/31/2014	PLATT2	PLATT	47.51	
037130	7/31/2014	R&J	R & J IRRIGATION	65.23	
037131	7/31/2014	RADIAL	RADIAL TIRE OF ELK GROVE	59.90	CA Secretary of State- Form SO100
037132	7/31/2014	RCB DC	CARD SERVICE CENTER	20.00	Safety training, Excavation training
037133	7/31/2014	RCB EC	CARD SERVICE CENTER	719.95	Contracted Services, Training, Parking, Meals
037134	7/31/2014	RCB MM	CARD SERVICE CENTER	789.00	Materials/Supplies-Meter Retro
037135	7/31/2014	RCB RS	CARD SERVICE CENTER	1,133.64	Advertisement, Class for certification, Supplies
037136	7/31/2014	RCB SP	CARD SERVICE CENTER	383.04	Materials/Supplies-Treatment
037137	7/31/2014	RCB SS	CARD SERVICE CENTER	92.05	Materials/Supplies-Distribution
037138	7/31/2014	RCBJC	CARD SERVICE CENTER	105.02	Materials/Distribution-Metro Retro/Distribution
037139	7/31/2014	ROOCO	ROOCO RENTS	5,020.08	



037140	7/31/2014	ROTH	ROTH STAFFING COMPANIES, L.P.	1,988.47	Temporary Admin Assistant	Position
037141	7/31/2014	SAC BEE	THE SACRAMENTO BEE	202.00		
037142	7/31/2014	SIERRA	SIERRA OFFICE SUPPLIES	125.09		
037143	7/31/2014	SMUD	SMUD	899.30		
037144	7/31/2014	SMUD	SMUD	6,993.40		
037145	7/31/2014	SMUD	SMUD	7,444.40		
037146	7/31/2014	SMUD	SMUD	686.46		
037147	7/31/2014	SMUD	SMUD	15,030.85		
037148	7/31/2014	SMUD	SMUD	92.46		
037149	7/31/2014	SMUD	SMUD	2,999.94		
037150	7/31/2014	SMUD	SMUD	3,131.00		
037151	7/31/2014	SMUD	SMUD	115.00		
037152	7/31/2014	STATE C	STATE OF CALIFORNIA	956.74		PE License Renewal-Tech Services
037153	7/31/2014	TEICHER	A TEICHERT & SON INC	528.93		Materials/Supplies-Meter Retro/Distribution
037154	7/31/2014	TOSHIBA	TOSHIBA FINANCIAL SERVICES	298.84		ADMIN-Copier
037155	7/31/2014	TRENCH	TRENCH PLATE RENTAL CO	25.66		
037156	7/31/2014	VALL MO	VALLEY MOTOR PARTS	649.69		Air cards-Laptops/On call Phone
037157	7/31/2014	VERIZON	VERIZON WIRELESS	545.20		Materials/Supplies- Meter Retro/Distribution
037158	7/31/2014	WHITE	HDS WHITE CAP CONST SUPPLY			
				<b>Total:</b>	<b>1,379,224.19</b>	



# Elk Grove Water District

Consent  
Calendar Item#

e

## Bond Covenant Status

For Fiscal Year 2014-15

As of July 31, 2014

### Operating Revenues:

Charges for Services	\$	1,356,023
----------------------	----	-----------

### Operating Expenses:

Salaries & Benefits	268,560
Seminars, Conventions and Travel	928
Office & Operational	463,272
Outside Services	52,062
Equipment Rent, Taxes, and Utilities	42,247
Depreciation & Amortization	156,529
<b>Total Operating Expenses</b>	<b>983,598</b>

<b>Income From Operations</b>	<b>\$</b>	<b>372,425</b>
-------------------------------	-----------	----------------

### Covenant Number 1

Income From Operations	372,425
Add: Depreciation & Amortization Expenses	156,529 *
Add: Rate Stabilization Fund (See note)	80,982 *
<b>Total</b>	<b>609,936</b>

Interest & Principal Payments	
2,546,800 interest + 1,290,000 principal	319,733 *

#### Coverage Ratio:

<b>Actual</b>	<b>1.91</b>
<b>Required</b>	<b>1.25</b>

### Covenant Number 2

Income From Operations	372,425
Add: Depreciation & Amortization Expenses	156,529 *
<b>Total</b>	<b>528,954</b>

Interest & Principal Payments	
2,546,800 interest + 1,290,000 principal	319,733 *

#### Coverage Ratio:

<b>Actual</b>	<b>1.65</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  
July 31, 2014

General Ledger Reference	July Activity	July Budget	Variance	%	YTD Activity	Annual Budget	Variance	%
Revenues	1,356,023	1,205,315	150,707	12.50%	1,356,023	14,463,784	-13,107,761	9.38%
Salaries & Benefits (1)	268,560	310,134	-41,574	-13.41%	268,560	3,721,605	-3,453,045	7.22%
Seminars, Conventions and Travel	928	3,167	-2,240	-70.71%	928	38,007	-37,079	2.44%
Office & Operational (2)	463,272	342,597	120,675	35.22%	463,272	4,111,168	-3,647,896	11.27%
Outside Services (2)	52,062	68,380	-16,318	-23.86%	52,062	820,558	-768,496	6.34%
Equipment Rent, Taxes, Utilities	42,247	36,654	5,593	15.26%	42,247	439,846	-397,599	9.60%
Total Operational Expenses	827,068	760,932	66,136	8.69%	827,069	9,131,184	-8,304,115	9.06%
Net Operations	528,954				528,954			
Non-Operating Activity								
Depreciation & Amortization	156,529	156,529	0	0.00%	156,529	1,878,344	-1,721,815	8.33%
Bond Interest Accrued	212,236	212,236	0	0.00%	212,236	2,546,826	2,546,826	8.33%
Interest Earned	927	833	93		927	10,000	10,000	
Other Income	10	0	-10	0.00%	10	0	-10	
Revenues in Excess of Expenditures (Net Revenues)	<u>161,126</u>				<u>161,126</u>			
Capital Expenses								
Capital Improvements					69,600			
Capital Replacements					9,360			
Equipment					51,337			
Bond Retirement: \$1,290,000					<u>107,500</u>			
Total Capital And Debt Retirement Expenditures					<u>237,797</u>			
Net Cash Position after Capital and Debt Retirement Expenditures					<u>(76,671)</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 \$292,577.44 in July, and \$292,577.44 Year-To-Date.

Consent Calendar Item #

**Florin Resource Conservation District  
CASH - Detail Schedule of Investments  
7/31/2014**

Consent  
Calendar Item# 

G/L Account #	Money Market Fund	Account number / name	Investment Name	Investment Type	Restrictions	Market Value
HELD BY BOND TRUSTEE:						
1130-000-30	Building	BNY 113518 FRCD OB 2003 A/B Rev FD	Dreyfus Inst Treasury	MM Mutual Fund	Restricted	\$ 516,241.68
	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	0.00
	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	2,589.39
1103-000-20	Water	BNY 113757 FRCD 2002 INST PMT SER B	Dreyfus Inst Treasury	MM Mutual Fund	Restricted	0.00
	Water	BNY 113759 FRCD 2002 INST PMT SER B	Dreyfus Inst Treasury	MM Mutual Fund	Restricted	0.01
1102-000-20	Water	BNY 113756 FRCD INST PMT SER A	Dreyfus Inst Treasury	MM Mutual Fund	Restricted	0.00
1107-000-20	Water	BNY 113576 FRCD 2003 A CONST FUND	Dreyfus Inst Treasury	MM Mutual Fund	Restricted	1,320.94
1122-000-20	Water	BNY 113584 FRCD 2005 A CONST FUND	Dreyfus Inst Treasury	MM Mutual Fund	Restricted	0.00
1123-000-20	Water	BNY 113585 FRCD 2005 A INST PM	Dreyfus Inst Treasury	MM Mutual Fund	Restricted	1.00
1121-000-20	Water	BNY 113586 FRCD 2005 A RATE STAB	Dreyfus Inst Treasury	MM Mutual Fund	Restricted	192,417.68
	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>\$ 2,136,033.74</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	143,614.72
1010-000-20	Water	RCB 1111063486 GENERAL CHECKING			Unrestricted	676,776.67
1020-000-20	Water	RCB 1111028001 MONEY MARKET			Unrestricted	5,287,504.79
1030-000-20	Water	RCB 1111025851 CHARGE CARD ACCOUNT			Unrestricted	170,366.09
1040-000-20	Water	RCB 1111096589 HIGH YIELD MONEY MARKET			Unrestricted	3,178,656.59
1050-000-20	Water	RCB 1111099502 DEBT SERVICE ACCOUNT			Unrestricted	30,405.91
1060-000-20	Water	RCB 1111097844 PAYROLL ACCOUNT			Unrestricted	193,292.25
1070-000-20	Water	RCB 1111097933 WEB PAYMENT RECEIPTS			Unrestricted	159,982.63
					<b>Subtotal</b>	<b>\$ 9,840,599.65</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>\$ 14,805,838.20</b>
					<b>Total Restricted</b>	<b>\$ 2,136,033.74</b>
					<b>Total Unrestricted</b>	<b>\$ 12,669,804.46</b>



**Consultant Expenses**  
July 31, 2014

Consent  
Calendar Item#

*ch*

**Fiscal Retainer Contracts**

Consultant	Description	Current Month	Paid to date	Budget/Contract Amount	Percent of year (8%)
Best Best, & Krieger**	Task orders	12,218	12,218	185,000	6.60%
Solutions by BG, Inc.	Task orders	11,897	11,897	124,630	9.55%

**Project Specific Contracts**

Consultant	Description	Current Month	Paid to date	Budget/Contract Amount	Percent of Contract
CPS HR	Finance Recruitment			24,000	0.00%
HydroScience*	Hampton Water Treatment		62,409	62,853	99.29%
MC Engineering, Inc	Backflow On-Call	4,616	4,616	12,000	38.47%
Management Partners	Interm Finance Manager	15,233	15,233	49,258	30.92%

\*Capital Projects

62,409

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

Operations  
FRCD/EDC  
Litigation  
Other  
TOTAL

\$

2,123

2,123

**Consent Calendar Item #i: Conservation Activities for the month of July:**

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. 2014 marks the 20<sup>th</sup> anniversary of the Refuge and the Friends are planning a celebratory event for November 2.

7/29/2014 – Stone Lakes National Wildlife Refuge, 20<sup>th</sup> anniversary celebration planning meeting

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 Ride, another Elk Grove nonprofit.

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

7/8/2014 – Annual Public meeting of the CVRTF, with guest speaker from High Speed Rail Authority

7/21/2014 – TrailFest planning meeting

7/30/2014 – TrailFest planning meeting

August 27, 2014

TO: Chairman and Directors of the Florin Resource Conservation District  
FROM: Mark J. Madison, General Manager  
SUBJECT: **SOLAR ENERGY DEVELOPMENT PRESENTATION**

## **RECOMMENDATION**

This item is presented for information only. There is no action requested of the Board of Directors at this time.

## **Summary**

In August 2011, Carollo Engineers provided a presentation to the Board of Directors that discussed the potential of using solar energy at the Elk Grove Water District (EGWD). Carollo Engineers reported that solar energy, at that time, was not a viable option for EGWD to pursue. The Board recently requested that EGWD revisit the potential of using solar energy. EGWD contacted Andy Sinnott, Project Development Manager of SolarCity, to reevaluate the potential of using solar energy for some of EGWD's power consumption.

## **DISCUSSION**

### **Background**

Carollo Engineers in August 2011 performed a feasibility study to determine if developing solar energy was viable for EGWD. At the time, Carollo Engineers reported that solar energy was not viable.

### **Present Situation**

The Board recently requested that EGWD revisit the potential for using solar energy. EGWD contacted Andy Sinnott, Project Development Manager of SolarCity, to reevaluate the potential of using solar energy for some of EGWD's power consumption. Mr. Sinnott will present his findings to the Board of Directors at the regularly scheduled board meeting on August 27, 2014.



August 27, 2014

**SOLAR ENERGY DEVELOPMENT PRESENTATION**

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**Environmental Considerations**

Not applicable. This item is for information only.

**Strategic Plan Conformity**

The Strategic Plan calls for EGWD to identify growth strategies that reduce the financial burden to EGWD. Solar energy, in some cases, can be an economical source of power supply. The purpose of the solar energy evaluation is to identify if solar energy could be potentially economic for EGWD to pursue.

**Financial Summary**

Not applicable. This item is for information only.

Respectfully Submitted,



MARK J. MADISON, P.E.  
GENERAL MANAGER

MJM/bmk

August 27, 2014

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

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## **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 July. 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 City Works database. Notable items in the activity report are that the District hung 393 door hangers for past due balances which resulted in 61 shutoffs.
- **Production** – The Combined Total Production graph on page 13 shows that production during the month of July decreased compared to July 2013. The

**OPERATIONS REPORT - JULY 2014**

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Page 2

production decrease could be attributable to voluntary customer reductions in water consumption due to the drought.

- **Static/Pumping Levels** – The 3rd quarter soundings were completed on all active wells.
- **Treatment** – All samples taken during the month of July 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 July 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 July. Below is a list of out-of-ordinary maintenance work completed in July.
  - Treatment staff assisted the other divisions by performing various required bacteriological sampling during district construction projects.
  - Technicians completed repairs to the air conditioning unit in the VFD cabinet at Well 4D.
  - Several investigations regarding backflow prevention and Cross-Connection Control were performed throughout the month.
  - The interior of the pneumatic tank at Well #9 Polhemus was re-coated.
  - Certain staff members attended an Operator Certification Training.
  - The Air Charger at Well #3 Marvel was closely inspected for evidence of improper operation.
- **Backflow** – There were two-hundred fifty-one (251) notices issued with a due date of July, 2014. One-hundred thirty-eight (138) devices passed on the initial test. A total of nine (9) devices failed on the initial test, but six (6) of them passed on the final test performed. There were ninety-four (94) secondary notices issued for devices that were not received by the due date of July 31, 2014. There are a **total** of 139 devices overall that are outstanding (including prior months) as of the date of this report, which will require further investigation.
- **Leak Map** – There were four (4) service line leaks and one (1) main line leak reported in July.
- **Meter Retrofit** – The Utility Department installed one (1) meter for residential backyard services.



August 27, 2014

**OPERATIONS REPORT - JULY 2014**

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Page 3

- **Safety Report** – There were five (5) safety training sessions conducted in July. 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

Attachment

# Elk Grove Water District

## Operations Report

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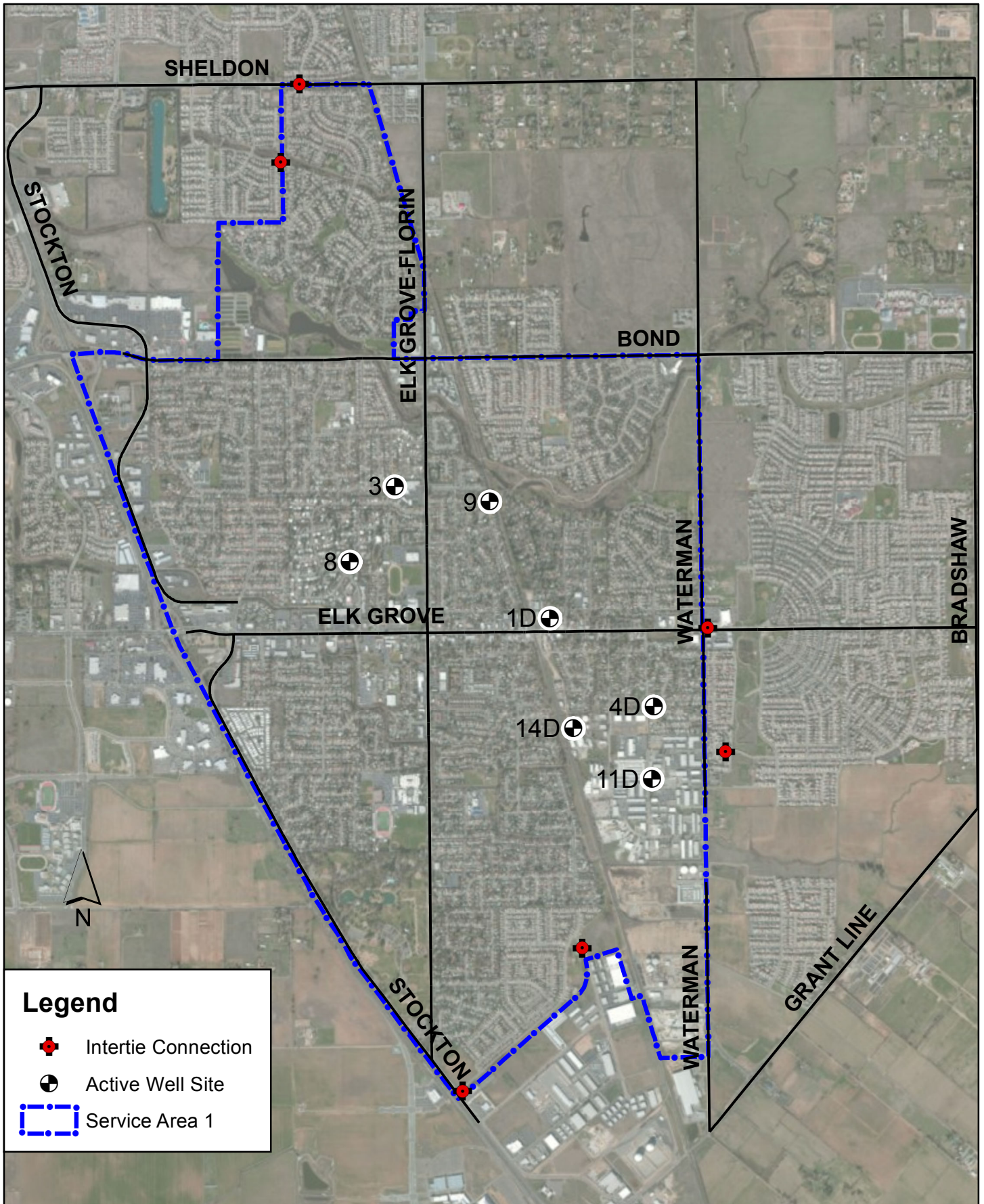


# Operations Activity Report

<b><u>Service Requests:</u></b>	Jul-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	5	1.5	5	1.5
Water Quality	3	2.25	3	2.25
Door Hangers	393	23.25	393	23.25
Shut offs	61	17	61	17
Turn ons	74	15	74	15
Investigations	139	34.75	139	34.75
USA Locates	137	34.25	137	34.25
Customer Complaints	0	0	0	0

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<b><u>Work Orders:</u></b>	Jul-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.	15	67	15	67
Corrective Maint.	3	28	3	28
Water Samples	21	53	21	53
 <b>Distribution:</b>				
Meters Installed	0	0	0	0
Preventative Maint	0	0	0	0
Corrective Maint	25	106.5	25	106.5
Valve Exercising	101	23	101	23
Valve Locates	0	0	0	0
Hydrant Maintenance	43	38	43	38
Hydrant Flushing	0	0	0	0
 <b>Utility:</b>				
Meters Installed	1	14	1	14
Corrective Maint	0	0	0	0



Active Well Sites & Intertie Connections

Elk Grove Water District



# Elk Grove Water District

## Monthly Production

Well 1D School St -- July 2014

**Selected Month Production**  
3,978,943 Gallons

Average GPM:  
1,787

**Motor:**

Volts: 471  
 Volts (Rated): 460  
 RPM: 2135  
 RPM (Rated): 2115  
 Amps A: 182  
 Amps A (Rated): 222  
 Amps B: 182  
 Amps B (Rated): 222  
 Amps C: 174  
 Amps C (Rated): 222

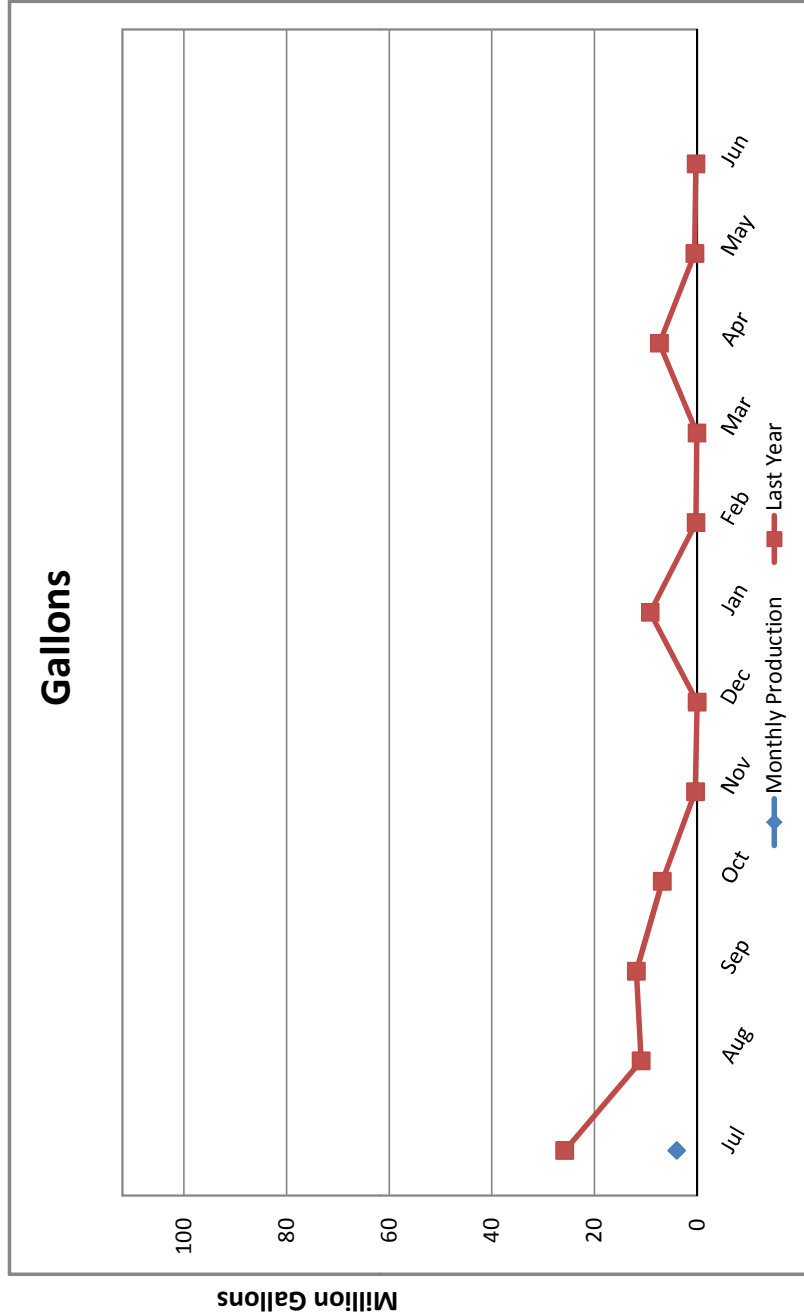
Motor Temp: 123 F  
 Hour Meter: 37.10  
 KW Hour Total: 5,360.00

**Chlorine:**

Dosing: 1.68 mg/L  
 Demand: 0.85 mg/L  
 Residual: 0.83 mg/L

**Vibration Reading:**

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







# Elk Grove Water District

## Monthly Production

Well 4D Webb St -- July 2014

**Selected Month Production**  
68,737,641 Gallons

Average GPM:  
1,705

**Motor:**

Volts: 426  
Volts (Rated): 460  
RPM: 1879  
RPM (Rated): 1775  
Amps: 181  
Amps (Rated): 225

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

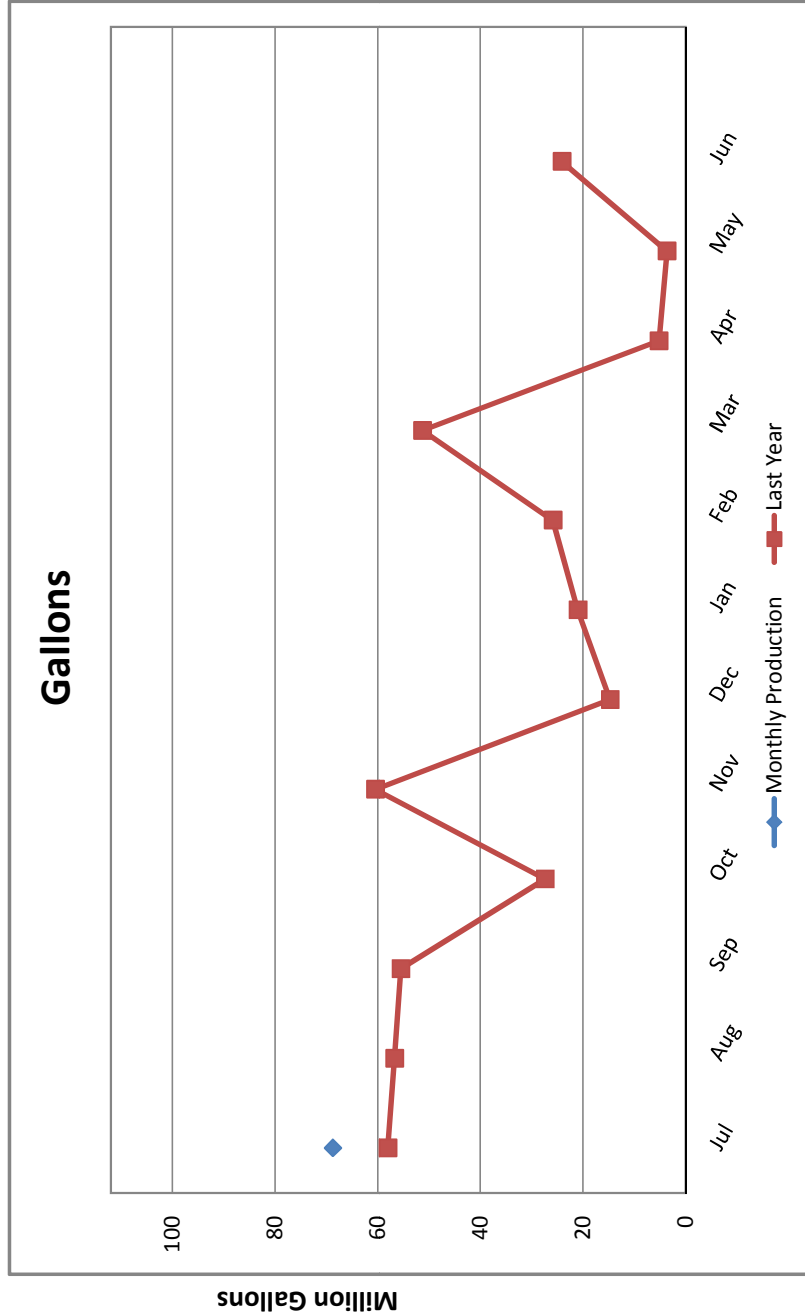
Motor Temp: 176 F  
Hour Meter: 671.60  
KW Hour Total: 80,280.00

**Chlorine:**

Dosing: 1.59 mg/L  
Demand: 0.41 mg/L  
Residual: 1.18 mg/L

**Vibration Reading:**

Base Line: 0.02 in/sec  
Current: 0.06 in/sec





## Elk Grove Water District

### Monthly Production

Well 111D Dino -- July 2014

**Selected Month Production**  
41,597,016 Gallons

Average GPM:  
1,701

**Motor:**

Volts: 412  
Volts (Rated): 460  
RPM: 1895  
RPM (Rated): 1775  
Amps: 183  
Amps (Rated): 225

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

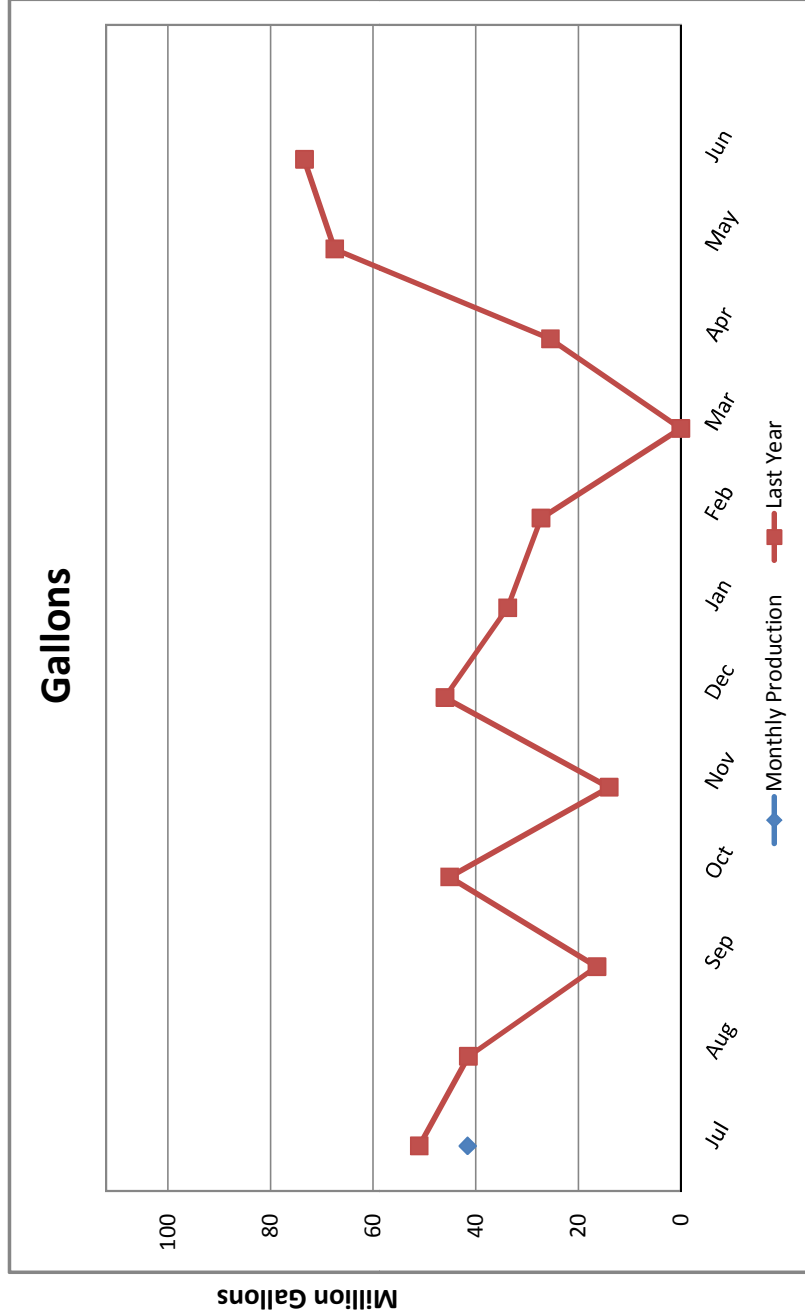
Motor Temp: 154.5 F  
Hour Meter: 407.40  
KW Hour Total: 50,880.00

**Chlorine:**

Dosing: 1.6 mg/L  
Demand: 0.42 mg/L  
Residual: 1.18 mg/L

**Vibration Reading:**

Base Line: 0.02 in/sec  
Current: 0.01 in/sec





## Elk Grove Water District

### Monthly Production

Well 14D Railroad -- July 2014

**Selected Month Production**  
4,482,767 Gallons

Average GPM:  
1,563

**Motor:**

Volts: 485  
Volts (Rated): 460  
RPM: 2030  
RPM (Rated): 2005  
Amps A: 164  
Amps A (Rated): 171  
Amps B: 163  
Amps B (Rated): 171  
Amps C: 156  
Amps C (Rated): 171

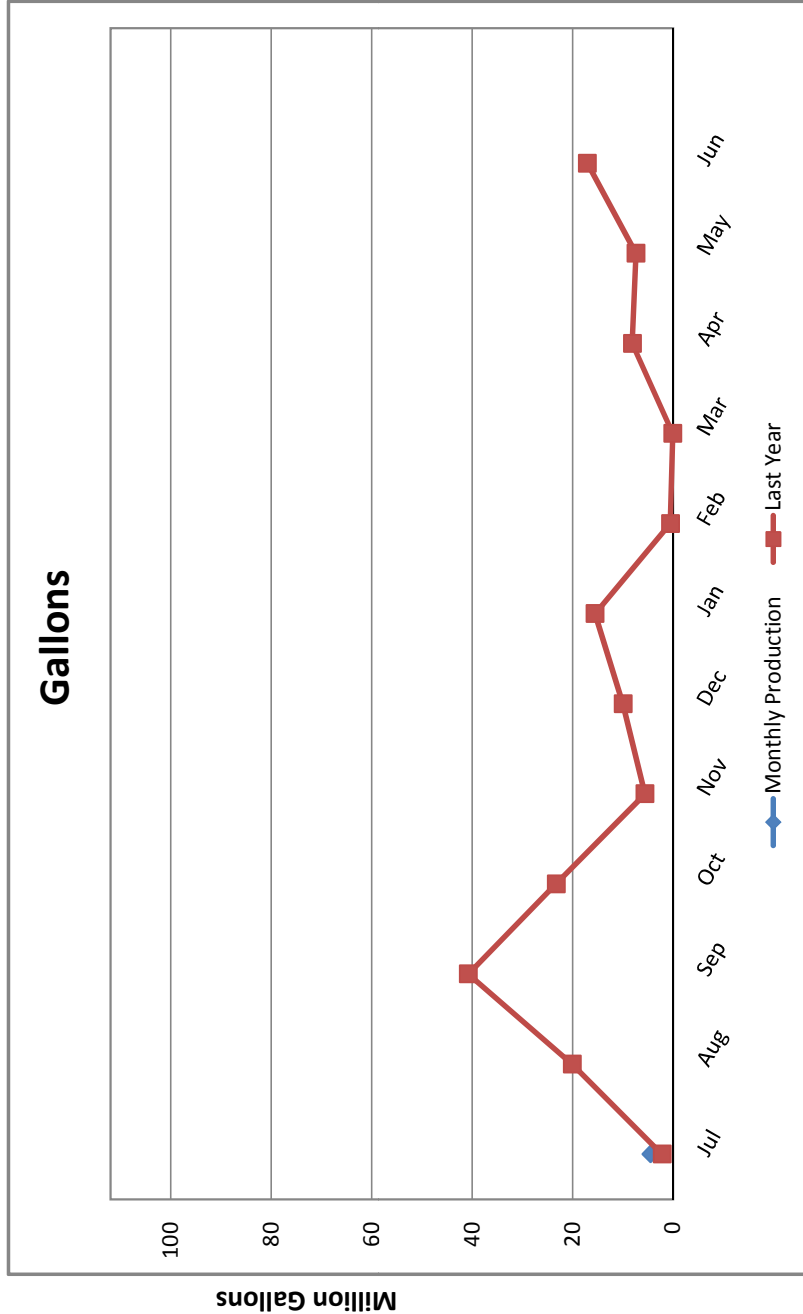
Motor Temp.: 127.2 F  
Hour Meter: 47.80  
KW Hour Total: 86,400.00  
(KWH total is for the entire facility)

**Chlorine:**

Dosing: 1.74 mg/L  
Demand: 0.73 mg/L  
Residual: 1.01 mg/L

**Vibration Reading:**

Base Line: 0.02 in/sec  
Current: 0.07 in/sec







## Elk Grove Water District

### Monthly Production

Well 3 Marvell -- July 2014

**Selected Month Production**  
9,044,000 Gallons

Average GPM: 900

**Motor:**

Volts: 479  
 Volts (Rated): 460  
 RPM: 2005  
 RPM (Rated): 2007  
 Amps A: 88  
 Amps A (Rated): 88  
 Amps B: 87  
 Amps B (Rated): 88  
 Amps C: 88  
 Amps C (Rated): 88

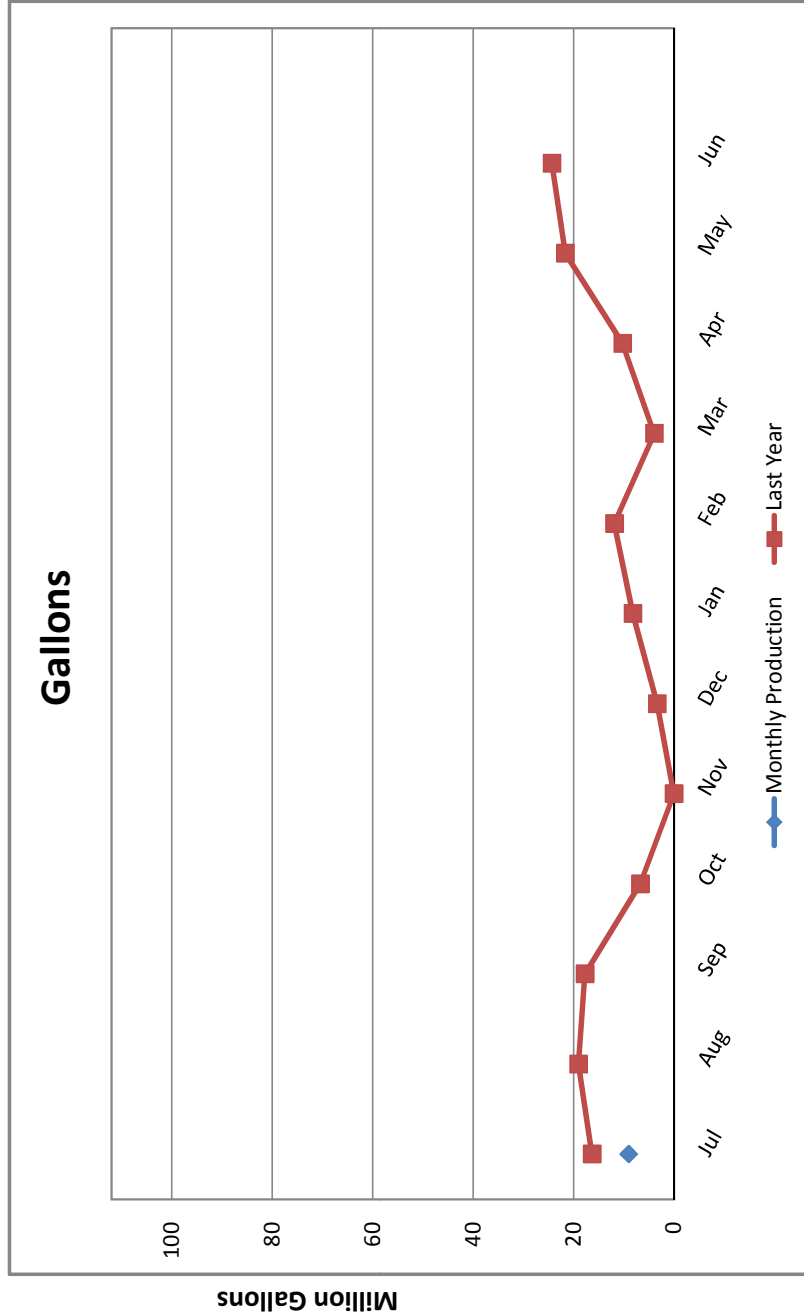
Motor Temp.: 178 F  
 Hour Meter: 167.30  
 KW Hour Total: 10,335.00

**Chlorine:**

Dosing: 1.15 mg/L  
 Demand: 0.17 mg/L  
 Residual: 0.98 mg/L

**Vibration Reading:**

Base Line: 0.02 in/sec  
 Current: 0.06 in/sec





## Elk Grove Water District

### Monthly Production

Well 8 Williamson -- July 2014

**Selected Month Production**  
25,304,000 Gallons

Average GPM: 837

**Motor:**

Volts: 459  
 Volts (Rated): 460  
 RPM: 2025  
 RPM (Rated): 1780  
 Amps A: 89  
 Amps A (Rated): 87  
 Amps B: 87  
 Amps B (Rated): 87  
 Amps C: 88  
 Amps C (Rated): 87

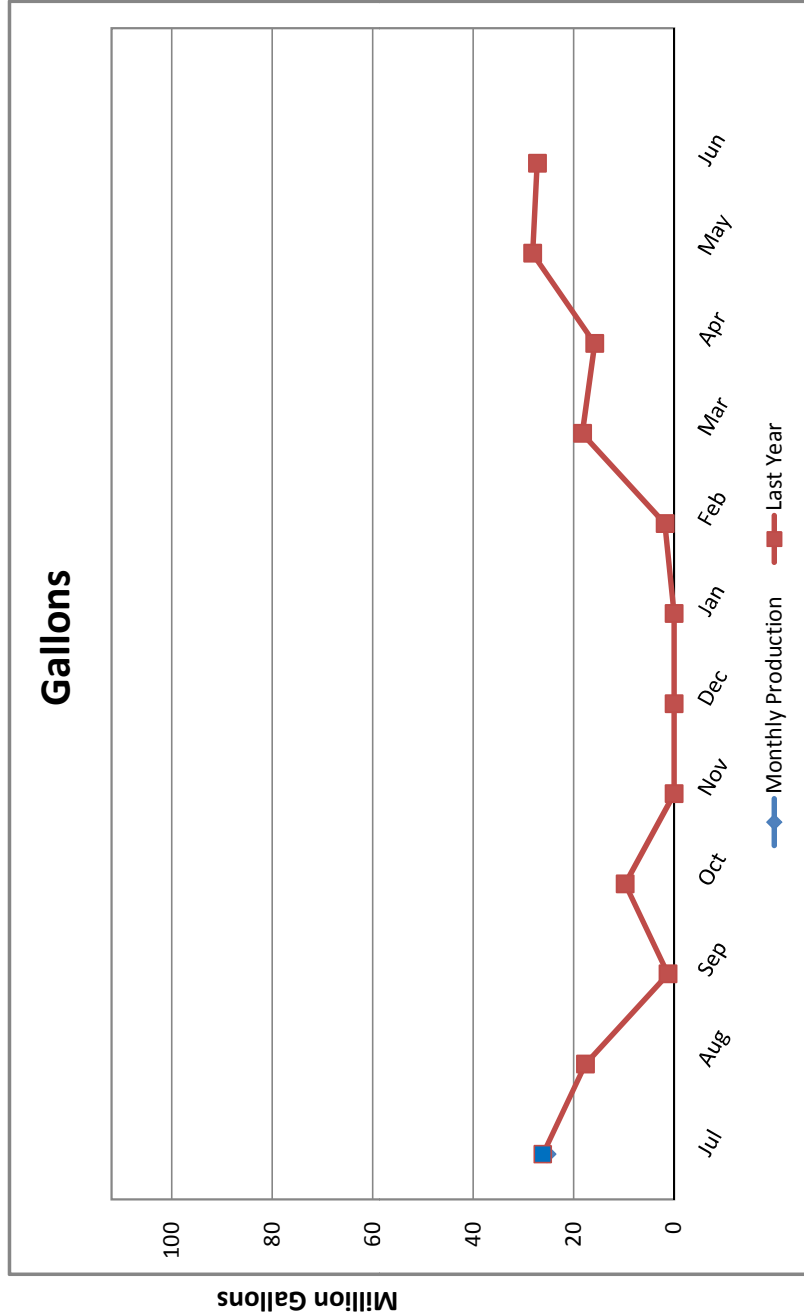
Motor Temp.: 158.7 F  
 Hour Meter: 503.60  
 KW Hour Total: 30,507.00

**Chlorine:**

Dosing: 1.21 mg/L  
 Demand: 0.15 mg/L  
 Residual: 1.06 mg/L

**Vibration Reading:**

Base Line: 0.03 in/sec  
 Current: 0.06 in/sec





# Elk Grove Water District

## Monthly Production

Well 9 Polhemus -- July 2014 (Submersible)

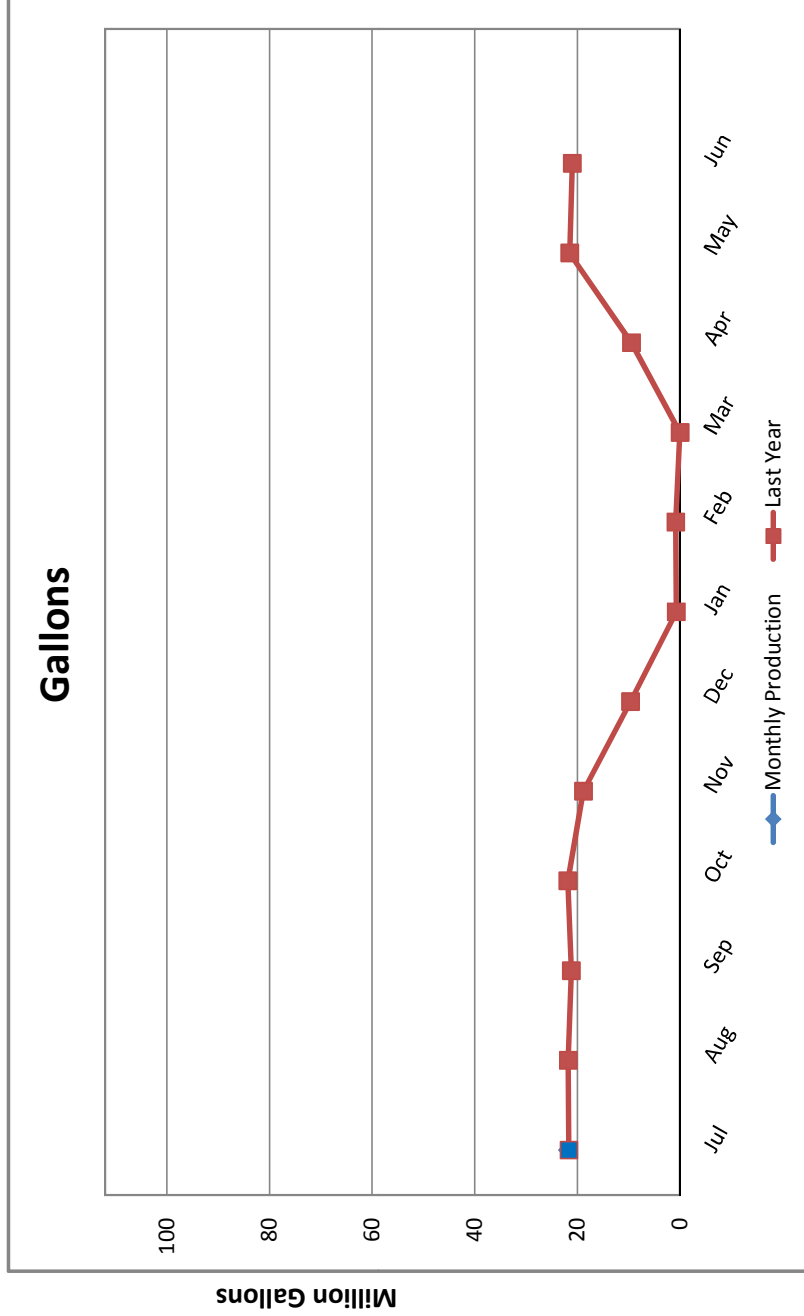
**Selected Month Production**  
21,931,000 Gallons

**Average GPM:** 493

**Motor:**  
Volts: 480  
Volts (Rated): 460  
  
Amps A: 59  
Amps A (Rated): 65  
Amps B: 58  
Amps B (Rated): 65  
Amps C: 62  
Amps C (Rated): 65

**Hour Meter:** 740.10  
**KW Hour Total:** 29,648.00

**Chlorine:**  
Dosing: 1.2 mg/L  
Demand: 0.21 mg/L  
Residual: 0.99 mg/L







# Elk Grove Water District

## Monthly Production

SCWA Turnout - July 2014

Selected Month Production  
0 Gallons

Average GPM:  
0.00

Peak Hour Demand  
-

Peak Day Demand  
-

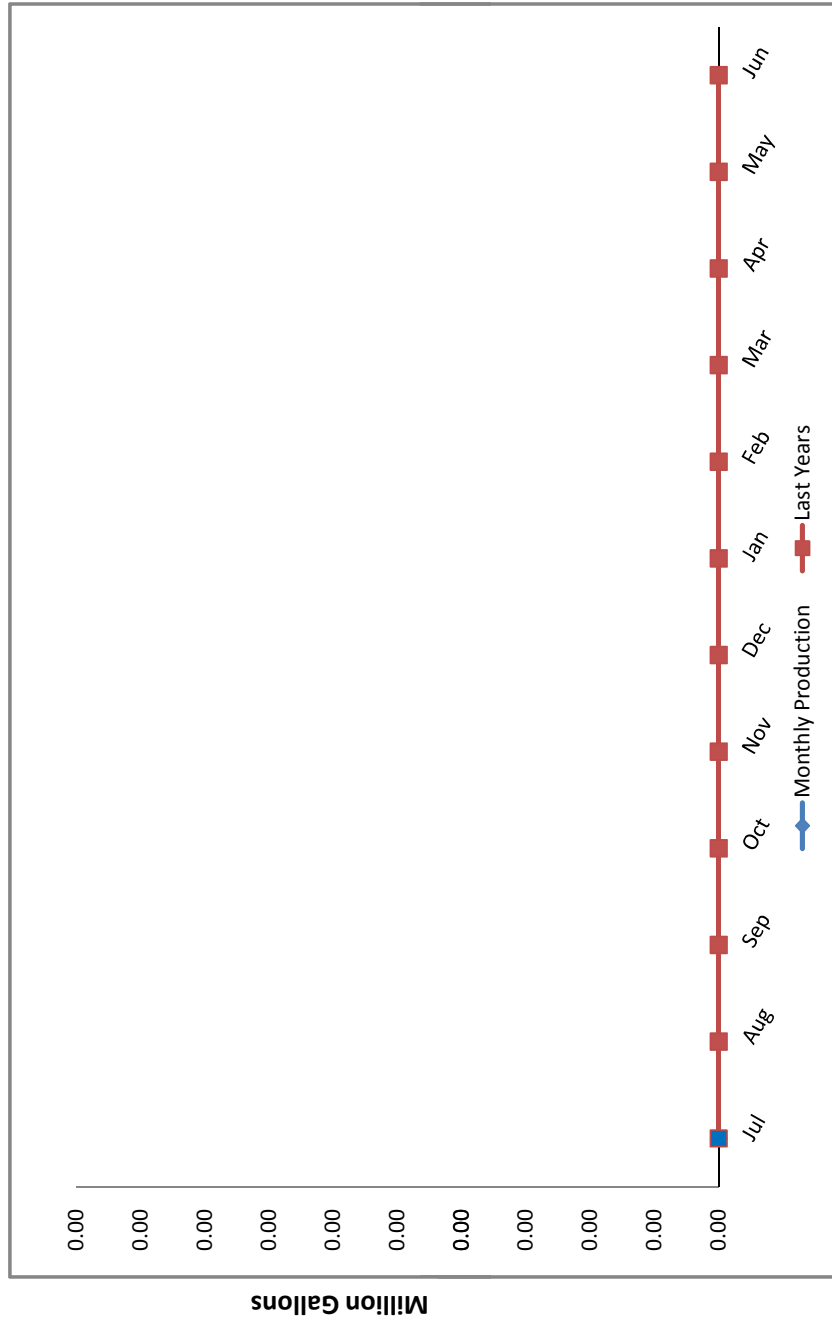
### Monthly Tiered

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>\$0.00</b>





# Elk Grove Water District

## Combined Total Production

Jul-2014

**Current Month Production:**

175,075,367 Gallons

**Highest Day Demand of the Month:**

6,498,000

**Date of Occurrence**

4-Jul-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: 0.01 in

Year To Date: 8.14 in

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

July 2013: 0.00 in

Year To Date: 14.49 in

Last Year Total: 15.08 in

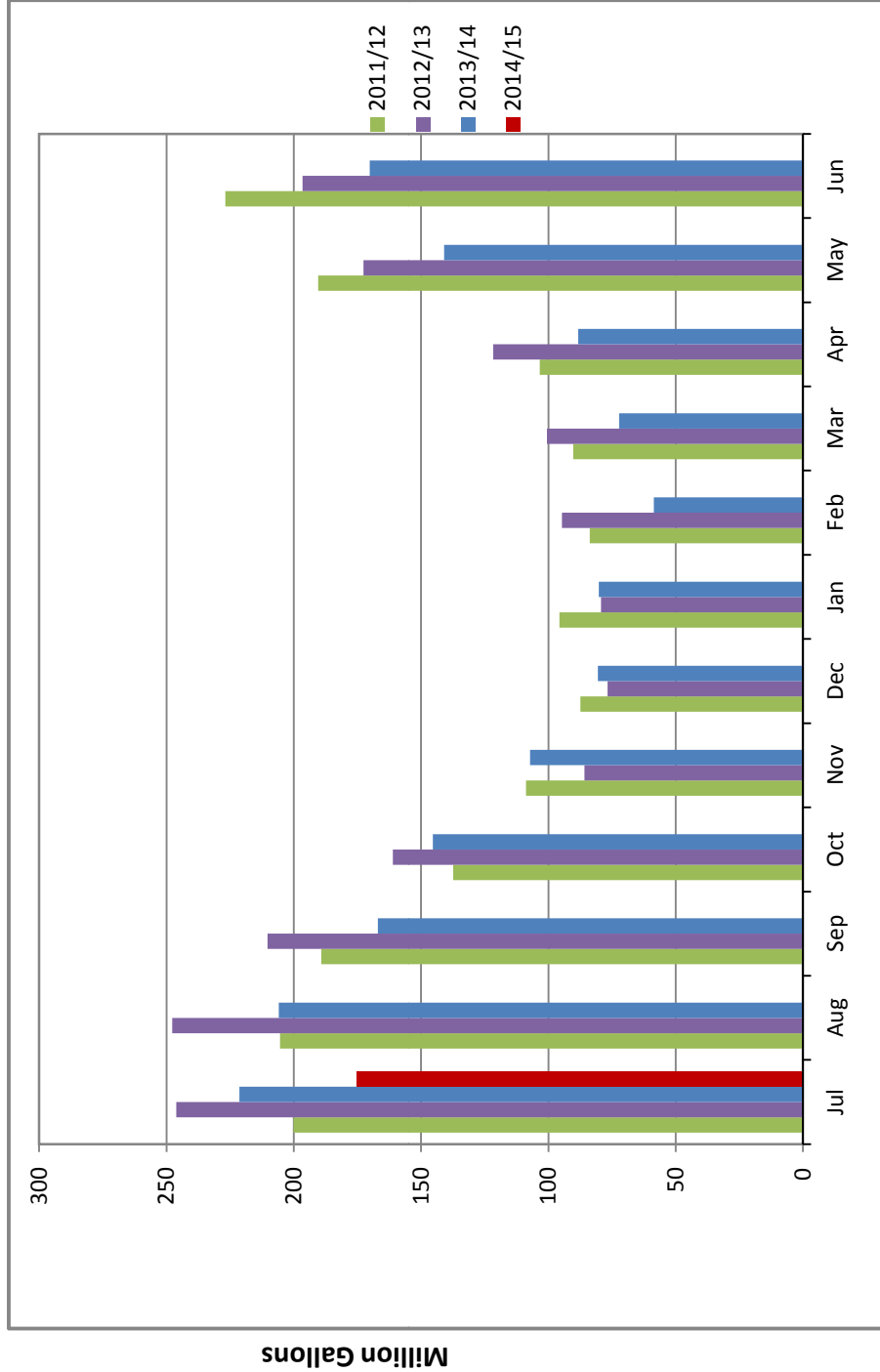
**Temperature:**

This Month High: 104 F

This Month Low: 57 F

JULY-13 High: 109 F

JULY-13 Low: 53 F

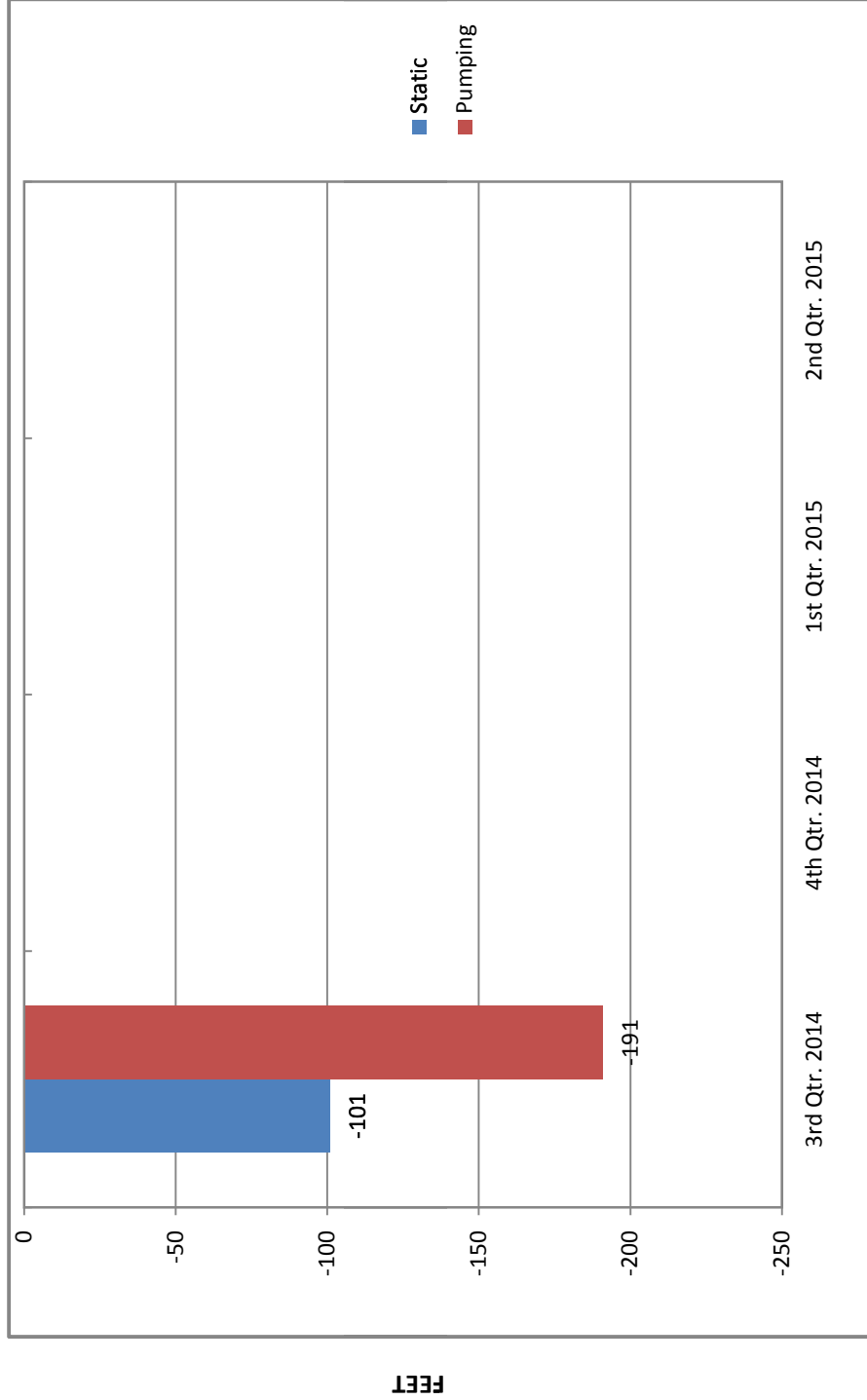




# Elk Grove Water District

## 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

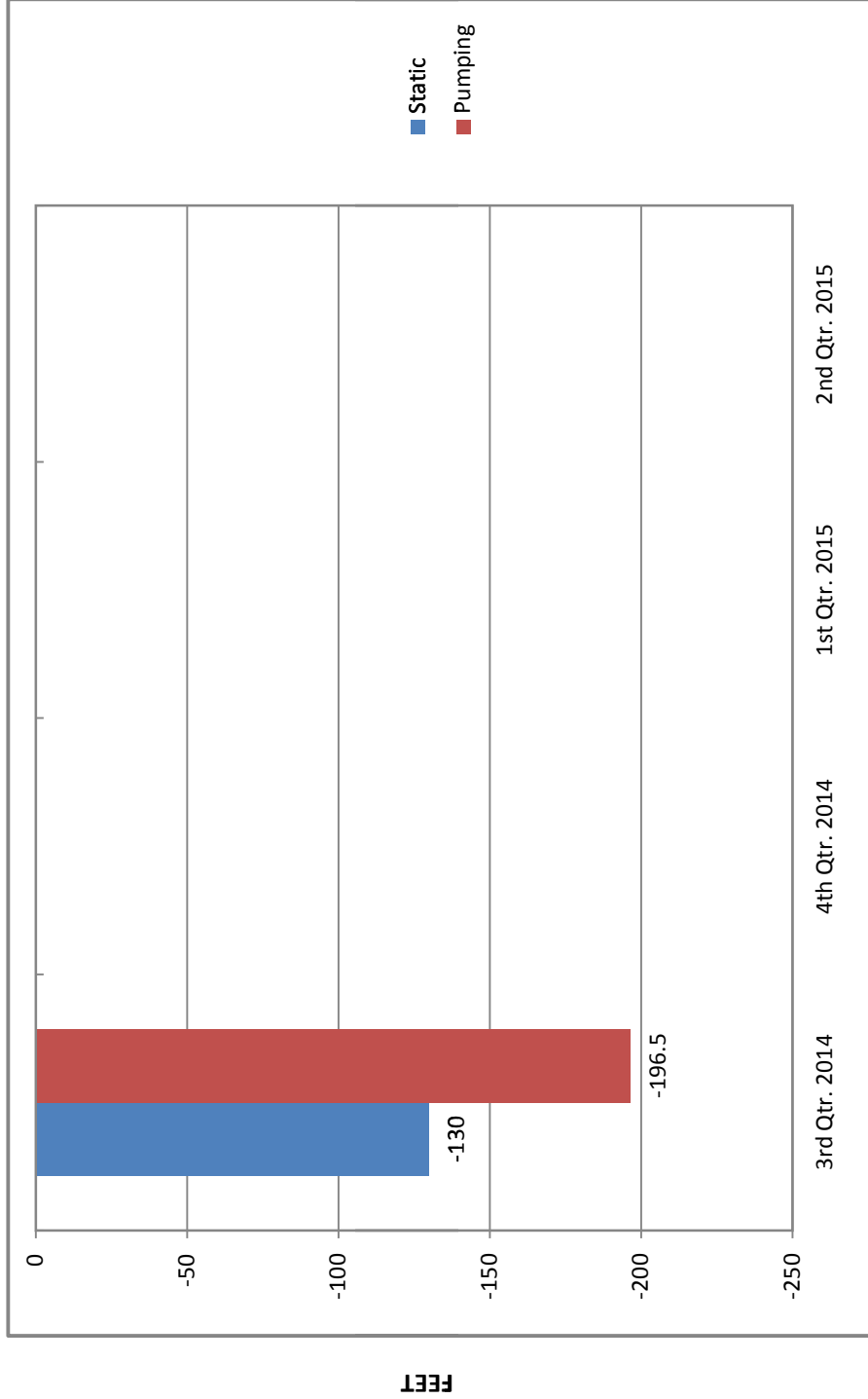




# Elk Grove Water District

## 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:

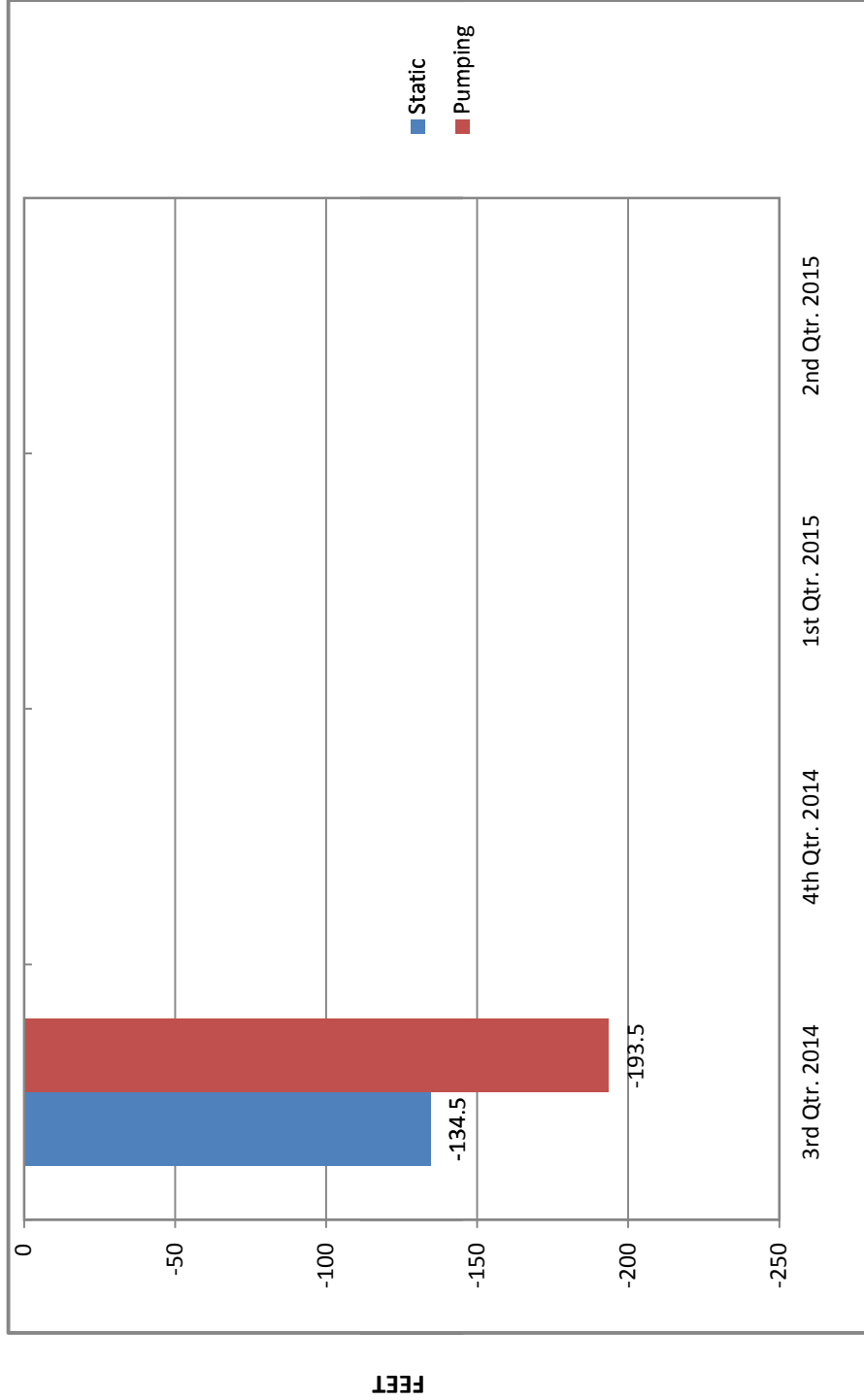
15 Min: < 5 ppm



# 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:

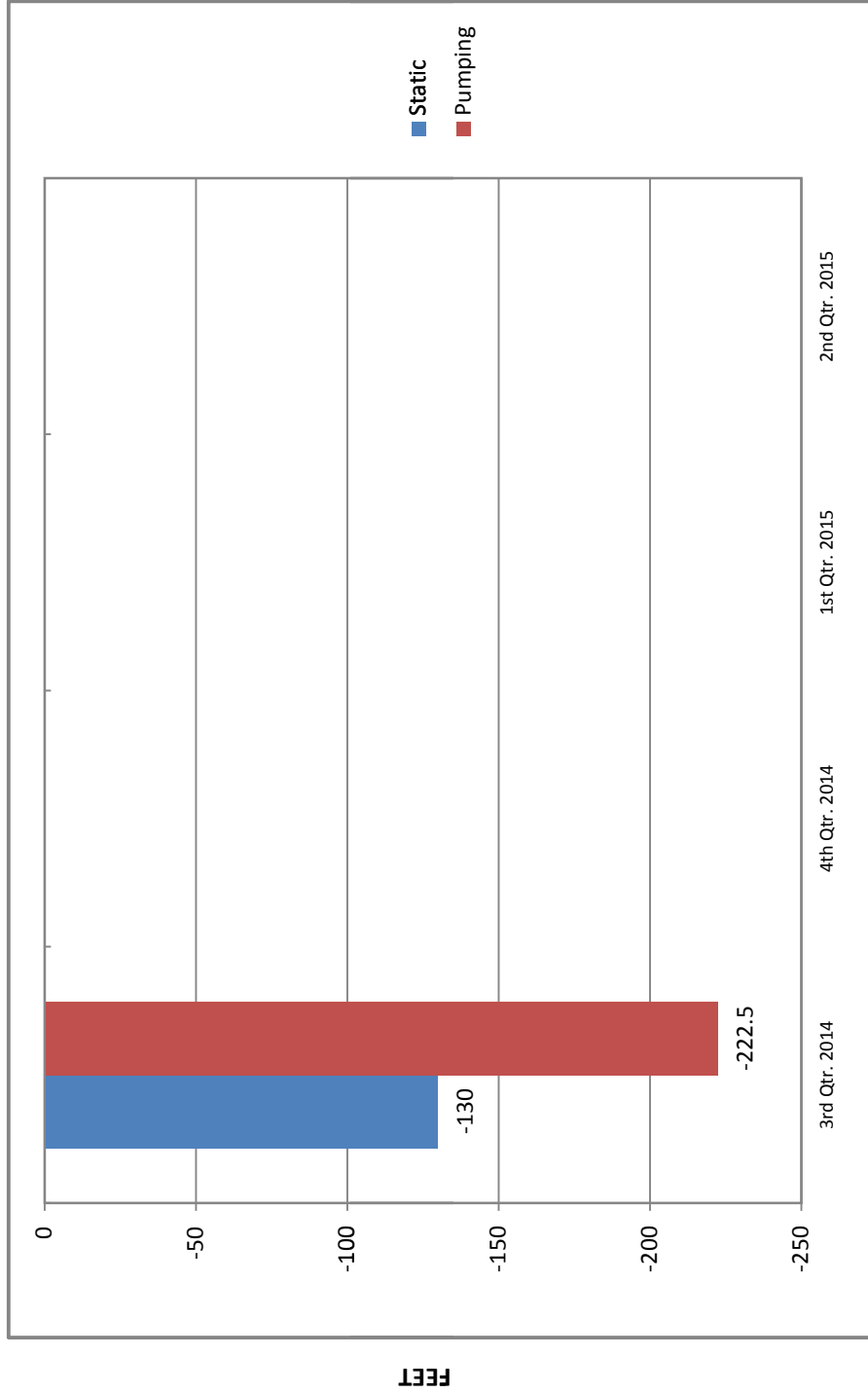
15 Min: < 5 ppm



# 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:

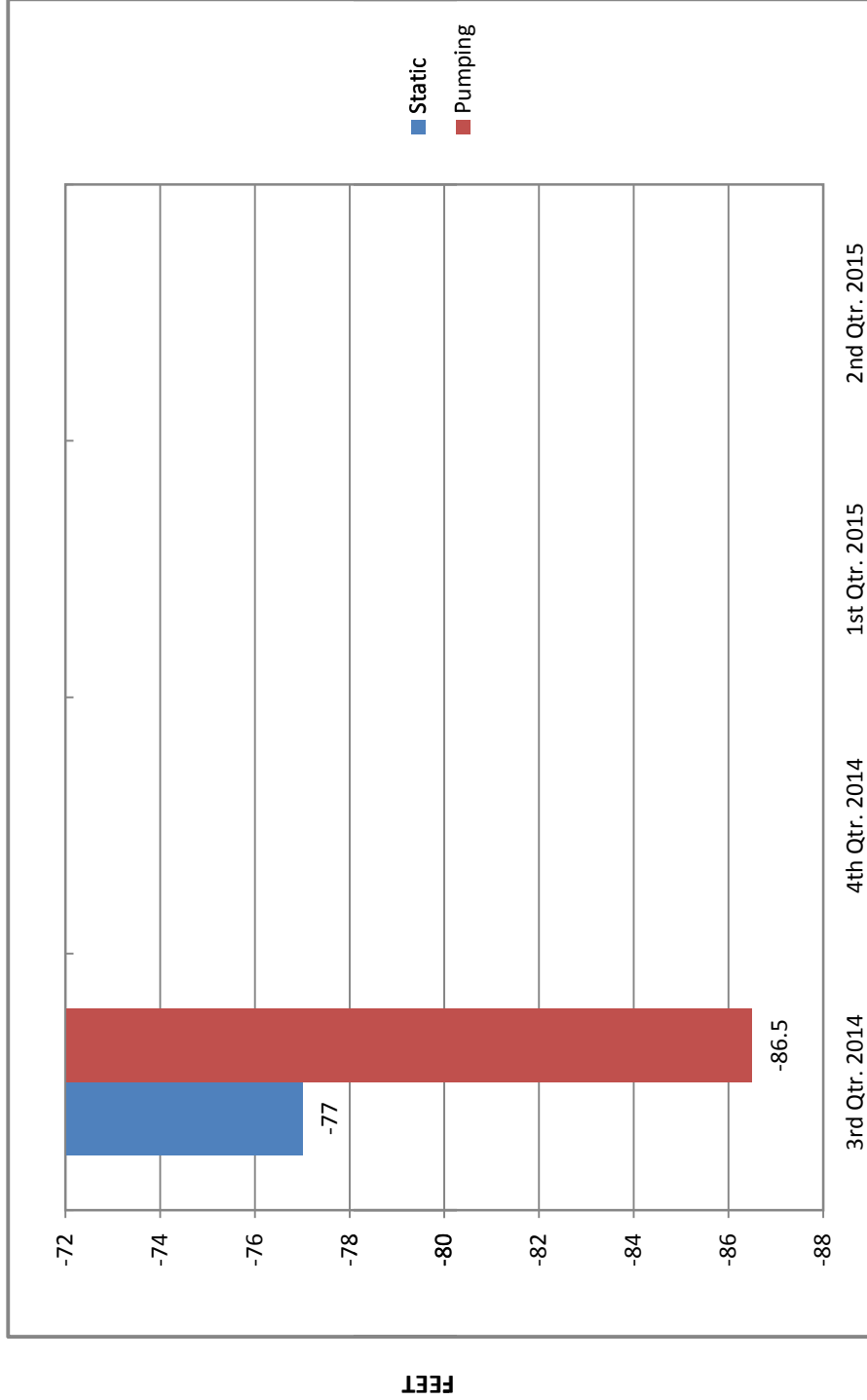
15 Min: < 5 ppm



# 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

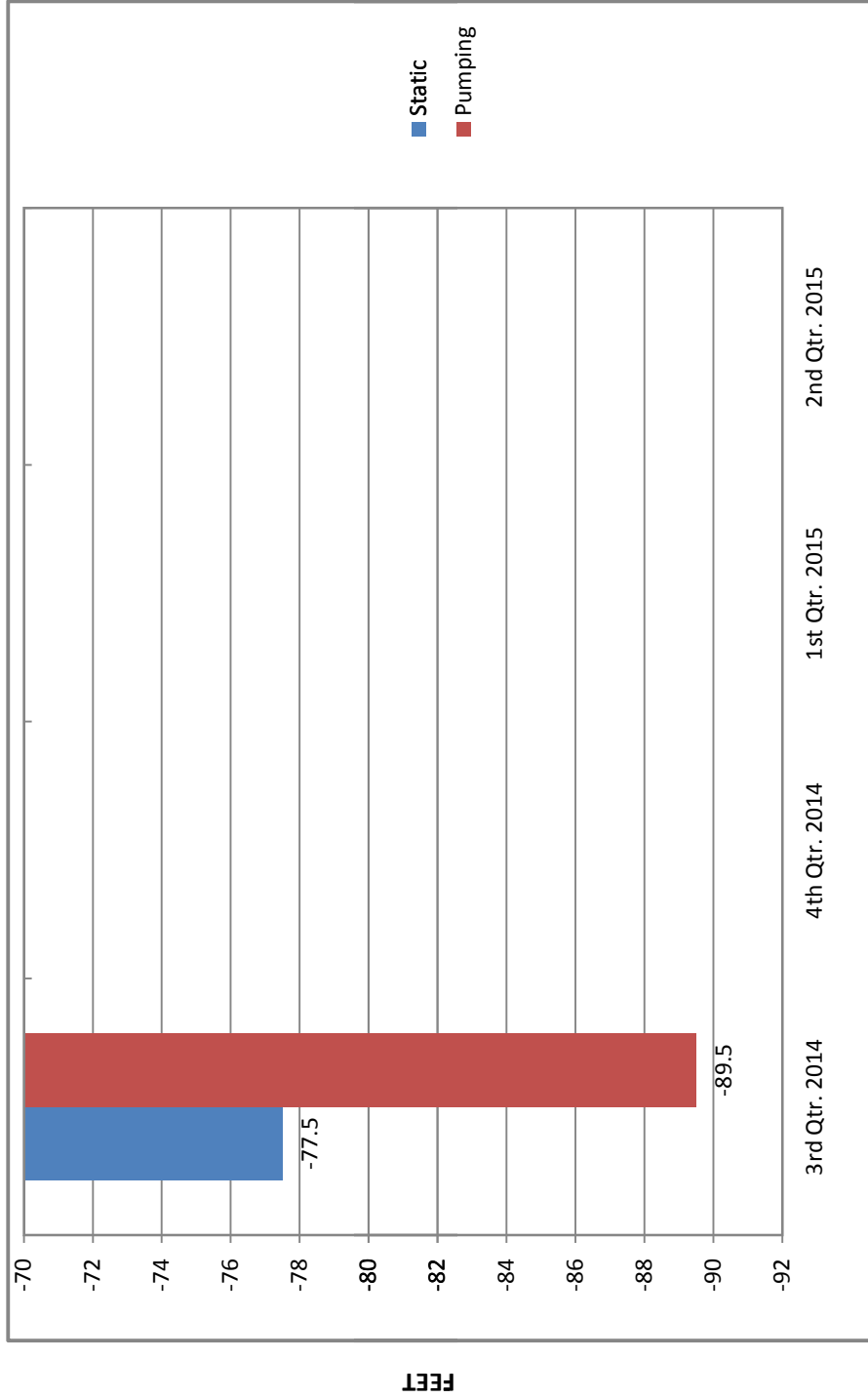




# Elk Grove Water District

## 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:

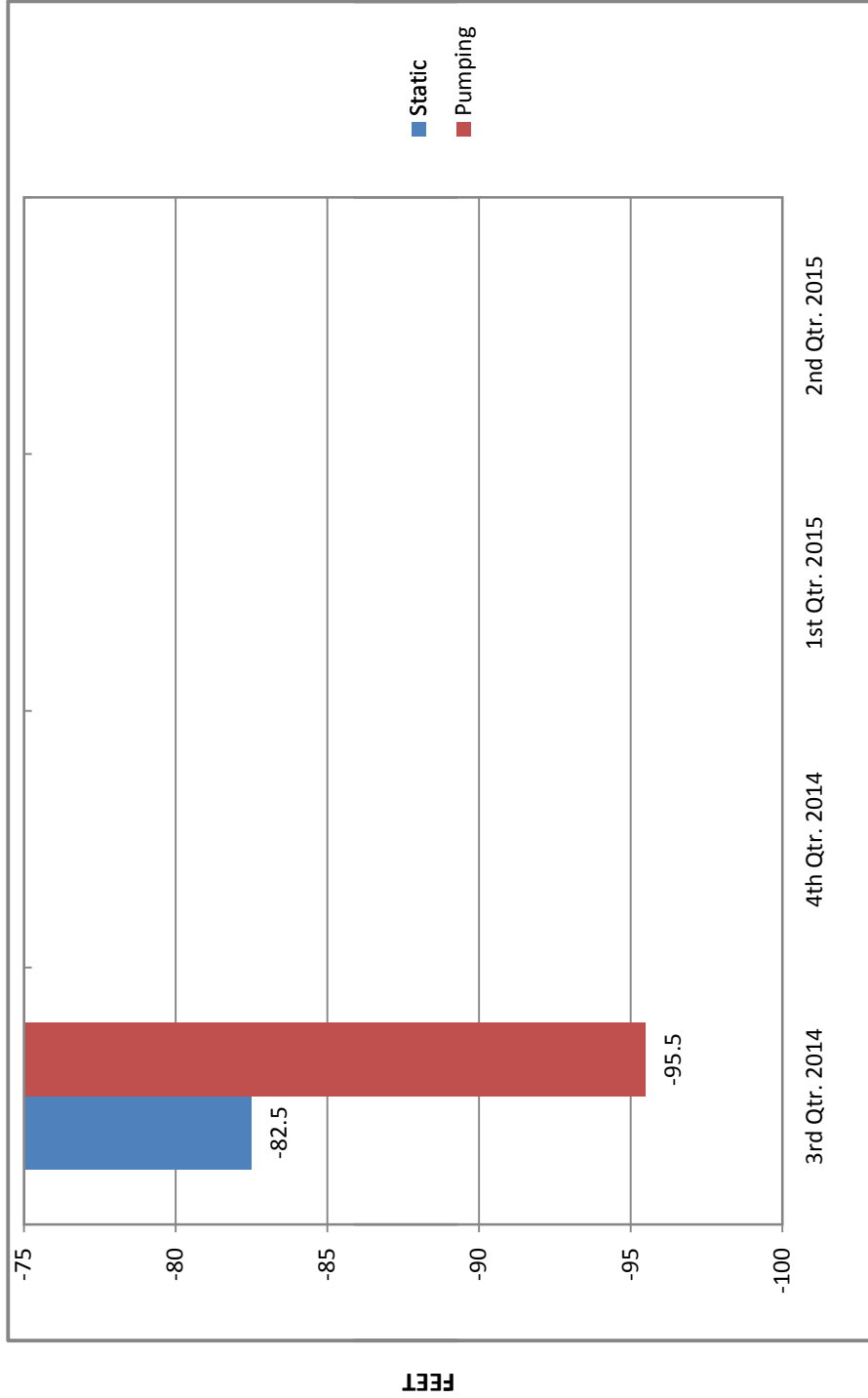
**15 Min:** 7 ppm



# 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 - July, 2014  
Water System: Elk Grove Water System

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

73  
13  
0

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

Collection Due Date	Schedule Class	Schedule Name	Collection Tolerance	Sampling Point	Sample Collected Date
7/1/2014	Distribution System	1 wk - Bacteriological	Week	01 - 8693 W. Camden	7/1/2014
7/8/2014	Distribution System	1 wk - Bacteriological	Week	01 - 8693 W. Camden	7/8/2014
7/15/2014	Distribution System	1 wk - Bacteriological	Week	01 - 8693 W. Camden	7/15/2014
7/22/2014	Distribution System	1 wk - Bacteriological	Week	01 - 8693 W. Camden	7/22/2014
7/29/2014	Distribution System	1 wk - Bacteriological	Week	01 - 8693 W. Camden	7/29/2014
7/1/2014	Distribution System	3 mo - TTHM / HAA5	Quarterly	01 - 8693 W. Camden	7/1/2014

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

Collection Due Date	Schedule Class	Schedule Name	Collection Tolerance	Sampling Point	Sample Collected Date
7/17/2014	Source Water	3 mo - Bacteriological	Quarterly	1D School Raw Water	7/17/2014
7/17/2014	Source Water	3 yr - General Mineral, Inorganic, General Physical	Annual	1D School Raw Water	7/17/2014
7/17/2014	Source Water	3 yr - VOC's, SOC's,	Annual	1D School Raw Water	7/17/2014
7/17/2014	Source Water	9 yr - Radium 226 and 228, Gross Alpha	Annual	1D School Raw Water	7/17/2014

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

Collection Due Date	Schedule Class	Schedule Name	Collection Tolerance	Sampling Point	Sample Collected Date
7/1/2014	Distribution System	1 wk - Bacteriological	Week	02 - 9425 Emerald Vista	7/1/2014
7/8/2014	Distribution System	1 wk - Bacteriological	Week	02 - 9425 Emerald Vista	7/8/2014
7/15/2014	Distribution System	1 wk - Bacteriological	Week	02 - 9425 Emerald Vista	7/15/2014
7/22/2014	Distribution System	1 wk - Bacteriological	Week	02 - 9425 Emerald Vista	7/22/2014
7/29/2014	Distribution System	1 wk - Bacteriological	Week	02 - 9425 Emerald Vista	7/29/2014
7/1/2014	Distribution System	3 mo - TTHM / HAA5	Quarterly	02 - 9425 Emerald Vista	7/1/2014

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

Collection Due Date	Schedule Class	Schedule Name	Collection Tolerance	Sampling Point	Sample Collected Date
7/29/2014	Source Water	3 mo - Bacteriological	Quarterly	03 Marval Well Raw Water	7/29/2014
7/29/2014	Source Water	3 yr - General Mineral, Inorganic, General Physical	Annual	03 Marval Well Raw Water	7/29/2014
7/29/2014	Source Water	3 yr - VOC's, SOC's,	Annual	03 Marval Well Raw Water	7/29/2014

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

Collection Due Date	Schedule Class	Schedule Name	Collection Tolerance	Sampling Point	Sample Collected Date
7/1/2014	Distribution System	1 wk - Bacteriological	Week	03 - 8809 Valley Oak	7/1/2014
7/8/2014	Distribution System	1 wk - Bacteriological	Week	03 - 8809 Valley Oak	7/8/2014
7/15/2014	Distribution System	1 wk - Bacteriological	Week	03 - 8809 Valley Oak	7/15/2014
7/22/2014	Distribution System	1 wk - Bacteriological	Week	03 - 8809 Valley Oak	7/22/2014
7/29/2014	Distribution System	1 wk - Bacteriological	Week	03 - 8809 Valley Oak	7/29/2014

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

Collection Due Date	Schedule Class	Schedule Name	Collection Tolerance	Sampling Point	Sample Collected Date
7/15/2014	Source Water	3 mo - Bacteriological	Quarterly	04D Webb Well Raw Water	7/15/2014
7/15/2014	Source Water	General Physical	Annual	04D Webb Well Raw Water	7/15/2014
7/15/2014	Source Water	3 yr - VOC's, SOC's,	Annual	04D Webb Well Raw Water	7/15/2014

#### Sampling Point: 04 - 10122 Glacier Point

Collection Due Date	Schedule Class	Schedule Name	Collection Tolerance	Sampling Point	Sample Collected Date
7/1/2014	Distribution System	1 wk - Bacteriological	Week	04 - 10122 Glacier Point	7/1/2014
7/8/2014	Distribution System	1 wk - Bacteriological	Week	04 - 10122 Glacier Point	7/8/2014
7/15/2014	Distribution System	1 wk - Bacteriological	Week	04 - 10122 Glacier Point	7/15/2014
7/22/2014	Distribution System	1 wk - Bacteriological	Week	04 - 10122 Glacier Point	7/22/2014
7/29/2014	Distribution System	1 wk - Bacteriological	Week	04 - 10122 Glacier Point	7/29/2014

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

Collection Due Date	Schedule Class	Schedule Name	Collection Tolerance	Sampling Point	Sample Collected Date
7/1/2014	Distribution System	1 wk - Bacteriological	Week	05 - 9230 Amsden Ct..	7/1/2014



7/8/2014	Distribution System	1 wk - Bacteriological	Week	05 - 9230 Amsden Ct..	7/8/2014
7/15/2014	Distribution System	1 wk - Bacteriological	Week	05 - 9230 Amsden Ct..	7/15/2014
7/22/2014	Distribution System	1 wk - Bacteriological	Week	05 - 9230 Amsden Ct..	7/22/2014
7/29/2014	Distribution System	1 wk - Bacteriological	Week	05 - 9230 Amsden Ct..	7/29/2014

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

Collection Due Date	Schedule Class	Schedule Name	Collection Tolerance	Sampling Point	Sample Collected Date
7/1/2014	Distribution System	1 wk - Bacteriological	Week	06 - 9227 Rancho Dr.	7/1/2014
7/8/2014	Distribution System	1 wk - Bacteriological	Week	06 - 9227 Rancho Dr.	7/8/2014
7/15/2014	Distribution System	1 wk - Bacteriological	Week	06 - 9227 Rancho Dr.	7/15/2014
7/22/2014	Distribution System	1 wk - Bacteriological	Week	06 - 9227 Rancho Dr.	7/22/2014
7/29/2014	Distribution System	1 wk - Bacteriological	Week	06 - 9227 Rancho Dr.	7/29/2014

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

Collection Due Date	Schedule Class	Schedule Name	Collection Tolerance	Sampling Point	Sample Collected Date
7/1/2014	Distribution System	1 wk - Bacteriological	Week	07 - AI Gates Park Mainline Dr.	7/1/2014
7/8/2014	Distribution System	1 wk - Bacteriological	Week	07 - AI Gates Park Mainline Dr.	7/8/2014
7/15/2014	Distribution System	1 wk - Bacteriological	Week	07 - AI Gates Park Mainline Dr.	7/15/2014
7/22/2014	Distribution System	1 wk - Bacteriological	Week	07 - AI Gates Park Mainline Dr.	7/22/2014
7/29/2014	Distribution System	1 wk - Bacteriological	Week	07 - AI Gates Park Mainline Dr.	7/29/2014

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

Collection Due Date	Schedule Class	Schedule Name	Collection Tolerance	Sampling Point	Sample Collected Date
7/1/2014	Distribution System	1 wk - Bacteriological	Week	09- 8417 Blackman Wy.	7/1/2014
7/8/2014	Distribution System	1 wk - Bacteriological	Week	09- 8417 Blackman Wy.	7/8/2014
7/15/2014	Distribution System	1 wk - Bacteriological	Week	09- 8417 Blackman Wy.	7/15/2014
7/22/2014	Distribution System	1 wk - Bacteriological	Week	09- 8417 Blackman Wy.	7/22/2014
7/29/2014	Distribution System	1 wk - Bacteriological	Week	09- 8417 Blackman Wy.	7/29/2014

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

Collection Due Date	Schedule Class	Schedule Name	Collection Tolerance	Sampling Point	Sample Collected Date
7/1/2014	Distribution System	1 wk - Bacteriological	Week	09- 8417 Blackman Wy.	7/1/2014
7/8/2014	Distribution System	1 wk - Bacteriological	Week	09- 8417 Blackman Wy.	7/8/2014
7/15/2014	Distribution System	1 wk - Bacteriological	Week	09- 8417 Blackman Wy.	7/15/2014
7/22/2014	Distribution System	1 wk - Bacteriological	Week	09- 8417 Blackman Wy.	7/22/2014
7/29/2014	Distribution System	1 wk - Bacteriological	Week	09- 8417 Blackman Wy.	7/29/2014

7/1/2014

Distribution System

3 mo - TTHM / HAA5

Quarterly

09- 8417 Blackman Wy.

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

Collection Due Date	Schedule Class	Schedule Name	Collection Tolerance	Sampling Point	Sample Collected Date
7/22/2014	Source Water	3 mo - Bacteriological	Quarterly	09 Polhemus Well Raw Water	7/22/2014
7/22/2014	Source Water	3 yr - General Mineral, Inorganic, General Physical	Annual	09 Polhemus Well Raw Water	7/22/2014
7/22/2014	Source Water	3 yr - VOC's, SOC's,	Annual	09 Polhemus Well Raw Water	7/22/2014

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

Collection Due Date	Schedule Class	Schedule Name	Collection Tolerance	Sampling Point	Sample Collected Date
7/1/2014	Distribution System	1 wk - Bacteriological	Week	09- 8417 Blackman Wy.	7/1/2014
7/8/2014	Distribution System	1 wk - Bacteriological	Week	09- 8417 Blackman Wy.	7/8/2014
7/15/2014	Distribution System	1 wk - Bacteriological	Week	09- 8417 Blackman Wy.	7/15/2014
7/22/2014	Distribution System	1 wk - Bacteriological	Week	09- 8417 Blackman Wy.	7/22/2014
7/29/2014	Distribution System	1 wk - Bacteriological	Week	09- 8417 Blackman Wy.	7/29/2014

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

Collection Due Date	Schedule Class	Schedule Name	Collection Tolerance	Sampling Point	Sample Collected Date
7/1/2014	Distribution System	1 wk - Bacteriological	Week	10-9373 Oreo Ranch Cir.	7/1/2014
7/8/2014	Distribution System	1 wk - Bacteriological	Week	10-9373 Oreo Ranch Cir.	7/8/2014
7/15/2014	Distribution System	1 wk - Bacteriological	Week	10-9373 Oreo Ranch Cir.	7/15/2014
7/22/2014	Distribution System	1 wk - Bacteriological	Week	10-9373 Oreo Ranch Cir.	7/22/2014
7/29/2014	Distribution System	1 wk - Bacteriological	Week	10-9373 Oreo Ranch Cir.	7/29/2014

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

Collection Due Date	Schedule Class	Schedule Name	Collection Tolerance	Sampling Point	Sample Collected Date
7/8/2014	Source Water	3 mo - Bacteriological	Quarterly	11D Dino Well Raw Water	7/8/2014
7/8/2014	Source Water	3 yr - General Mineral, Inorganic, General Physical	Annual	11D Dino Well Raw Water	7/8/2014
7/8/2014	Source Water	3 yr - VOC's, SOC's,	Annual	11D Dino Well Raw Water	7/8/2014

**Sampling Point: 14D Railroad Well -Raw Water**

Collection Due Date	Schedule Class	Schedule Name	Collection Tolerance	Sampling Point	Sample Collected Date
7/1/2014	Source Water	3 mo - Bacteriological	Quarterly	14D Railroad Well Raw Water	7/1/2014
7/1/2014	Source Water	3 yr - General Mineral, Inorganic, General Physical	Annual	14D Railroad Well Raw Water	7/1/2014
7/1/2014	Source Water	3 yr - VOC's, SOC's,	Annual	14D Railroad Well Raw Water	7/1/2014

**Sampling Point: Railroad WTP Effluent**

Collection Due Date	Schedule Class	Schedule Name	Collection Tolerance	Sampling Point	Sample Collected Date
7/1/2014	Treated Plant Effluent	1 mo - WTP Eff - Fe,Mn,As Total	Month	Railroad WTP Effluent	7/1/2014
7/1/2014	Treated Plant Effluent	1 mo - WTP Eff - Fe,Mn,As Dissolved	Month	Railroad WTP Effluent	7/1/2014

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

Collection Due Date	Schedule Class	Schedule Name	Collection Tolerance	Sampling Point	Sample Collected Date
7/1/2014	Distribution System	Bacteriological	N/A	10054 Elk Glen Ct.	7/1/2014
7/3/2014	Distribution System	Bacteriological	N/A	9240 Chablis Way	7/3/2014
7/8/2014	Distribution System	Bacteriological	N/A	9185 Lark St.	7/8/2014
7/14/2014	Distribution System	Bacteriological	N/A	9193 Lark St.	7/14/2014
7/16/2014	Distribution System	Bacteriological	N/A	9691 Webb St.	7/16/2014
7/21/2014	Distribution System	Bacteriological	N/A	9554 Quarterhorse Ct.	7/21/2014
7/22/2014	Distribution System	Bacteriological	N/A	9287 Briles Ct.	7/22/2014
7/23/2014	Distribution System	Bacteriological	N/A	8929 Lake Grove Ct.	7/23/2014
7/25/2014	Distribution System	Bacteriological	N/A	8978 Elk Grove Blvd.	7/25/2014
7/28/2014	Distribution System	Bacteriological	N/A	9547 2nd St.	7/28/2014
7/29/2014	Construction Sample	Bacteriological	N/A	Well #9 Polhemus Pneumatic Tank	7/29/2014
7/29/2014	Construction Sample	VOC's	N/A	Well #9 Polhemus Pneumatic Tank	7/29/2014



August 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 July 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".

STEVE SHAW  
WATER TREATMENT FOREMAN







August 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 July 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 horizontal line.

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:	7	Year:	2014
--------	---	-------	------

<input checked="" type="checkbox"/> Water use/flow meter report	Railroad WTP: <input type="text" value="0"/> Hampton WTP: <input type="text" value="0"/>													
<input type="checkbox"/> Monitoring results/analytical report	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:33%;"></td> <td style="width:33%; text-align: center;"><b>Date</b></td> <td style="width:33%; text-align: center;"><b>Time</b></td> <td style="width:33%; text-align: center;"><b>pH</b></td> </tr> <tr> <td>Hampton WTP</td> <td><input type="text"/></td> <td><input type="text"/></td> <td><input type="text"/></td> </tr> <tr> <td>Railroad WTP</td> <td><input type="text"/></td> <td><input type="text"/></td> <td><input type="text"/></td> </tr> </table>		<b>Date</b>	<b>Time</b>	<b>pH</b>	Hampton WTP	<input type="text"/>	<input type="text"/>	<input type="text"/>	Railroad WTP	<input type="text"/>	<input type="text"/>	<input type="text"/>	
	<b>Date</b>	<b>Time</b>	<b>pH</b>											
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	21	25	1575
Office	2	21	20	840
Drivers/Field	17	21	5	1785
Total				4200

**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:

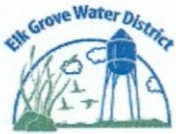
Steve Shaw      Water Treatment Foreman

(Name) (Title)

DATE:

8-8-2014





Date: 7/2014

Operator	Date	Waste Meter	Gallons
jvance@egws.lan	7/1/2014 8:47:00 AM	10634762	0
jvance@egws.lan	7/2/2014 8:10:00 AM	10634762	0
jvance@egws.lan	7/3/2014 7:55:00 AM	10634762	0
jmendoza@egws.lan	7/4/2014 8:00:00 AM	10634762	0
jmendoza@egws.lan	7/5/2014 8:00:00 AM	10634762	0
jmendoza@egws.lan	7/6/2014 8:10:00 AM	10634762	0
jvance@egws.lan	7/7/2014 8:05:00 AM	10634762	0
jvance@egws.lan	7/8/2014 8:02:00 AM	10634762	0
jvance@egws.lan	7/9/2014 8:09:00 AM	10634762	0
ahewitt@egws.lan	7/10/2014 8:10:00 AM	10634762	0
ahewitt@egws.lan	7/11/2014 8:33:00 AM	10634762	0
jdiaz@egws.lan	7/12/2014 8:15:00 AM	10634762	0
cphillips@egws.lan	7/13/2014 8:05:00 AM	10634762	0
cphillips@egws.lan	7/14/2014 8:11:00 AM	10634762	0
cphillips@egws.lan	7/15/2014 8:32:00 AM	10634762	0
cphillips@egws.lan	7/16/2014 8:14:00 AM	10634762	0
cphillips@egws.lan	7/17/2014 8:01:00 AM	10634762	0
ahewitt@egws.lan	7/18/2014 8:12:00 AM	10634762	0
ahewitt@egws.lan	7/19/2014 8:20:00 AM	10634762	0
ahewitt@egws.lan	7/20/2014 8:08:00 AM	10634762	0
cphillips@egws.lan	7/21/2014 8:21:00 AM	10634762	0
cphillips@egws.lan	7/22/2014 8:09:00 AM	10634762	0
cphillips@egws.lan	7/23/2014 8:04:00 AM	10634762	0
cphillips@egws.lan	7/24/2014 8:09:00 AM	10634762	0
cphillips@egws.lan	7/25/2014 8:02:00 AM	10634762	0
jvance@egws.lan	7/26/2014 8:20:00 AM	10634762	0
jvance@egws.lan	7/27/2014 8:21:00 AM	10634762	0
cphillips@egws.lan	7/28/2014 8:05:00 AM	10634762	0
cphillips@egws.lan	7/29/2014 8:19:00 AM	10634762	0
cphillips@egws.lan	7/30/2014 7:40:00 AM	10634762	0
cphillips@egws.lan	7/31/2014 8:02:00 AM	10634762	0

Grand Total

0



# M.C.C. AND LAB

Item	Quarterly				Annual
	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							AH 3/25/14 10581	AH 5/29/14 11001			4.4.1	AH 2/5/14 10311
Exhaust Fan																				
Hydrogen Blow/Det.																				
Cell and 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							AH 3/26/14 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												
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											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	2/12/14	3/7/14	4/7/14	5/19/14	6/19/14	7/21/14						Refer: 5.3.2		
<b>Press. Diff. Trnsdcr.</b>	Initials Date W.O. #	10172	10313	10430	10452	10913	11063	11062						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						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						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		
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						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						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								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								Section: 6.3.4/6.4.2	
Engine														Sect: 6.2.3	AH 6/9/14 11087		



# 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										
	Date	1/10/14	2/13/14	3/13/14	4/1/14	5/28/14	6/18/14	7/14/14										
	W.O. #	10168	10304	10477	10478	10890	11034	11035						Sect: 8.2.1	JV	6/12/14	10898	
	Refer.	Sect: 8.1.1											Sect: 8.2.1					
Motor	Initials	JV	AH	AH	JV	AH	JV	WQ										
	Date	1/10/14	2/13/14	3/13/14	4/22/14	5/15/14	6/12/14	7/14/14										
	W.O. #	10168	10304	10477	10478	10890	11034	11035						Sect: 8.2.2	AH/JV	5/6/14	10898	
	Refer.	Sect: 8.1.2											Sect: 8.2.2					
Transdr.	Initials																	
	Date																	
	W.O. #																	
	Refer.	Sect: 8.3.2											Sect: 8.3.2					
Isolation Valves	Initials																	
	Date																	
	W.O. #																	
	Refer.	Sect: 8.3.6											Sect: 8.3.6					
Cla-Val	Initials																	
	Date																	
	W.O. #																	
	Refer.	Sect: 8.3.1											Sect: 8.3.1					
Mag-Meter	Initials																	
	Date																	
	W.O. #																	
	Refer.	Sect: 8.3.3											Sect: 8.3.3					
A.R.V.	Initials																	
	Date																	
	W.O. #																	
	Refer.	Sect: 8.3.4											Sect: 8.3.4					
M.C.C.	Initials																	
	Date																	
	W.O. #																	
	Refer.	Sect: 8.2.3											Sect: 8.2.3					
Portable Generator	Initials	JV	AH	AH	AH	JV	JV	WQ										
	Date	1/10/14	2/13/14	3/13/14	4/1/14	5/28/14	6/12/14	7/14/14										
	W.O. #	10168	10304	10477	10478	10890	11034	11035						Sect: 8.2.4	JV	6/12/14	10898	
	Refer.	Sect: 8.1.3											Sect: 8.2.4		Sect: 8.3.7/8.4.1			
Generator Set	Initials																	
	Date																	
	W.O. #																	
	Refer.	Sect: 8.4.2											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						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						9.2.2	AH/JV 5/7/14 10897					
Press/Lvl Transdcr.																				
Isolation Valves																				
Cla-Val																				
Mag-Meter																				
A.R.V.														9.2.3	JV 6/19/14 10897					
M.C.C.																				
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						9.2.4	JV 6/19/14 10897					
Generator Set																				

Year: 2014

# WELL 14D RAILROAD

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
Pump	Initials	JV	AH	AH	JV	JV	AH	WQ						Sect: 7.1.1	JV		Sect: 7.2.1	
	Date	1/7/14	2/13/14	3/21/14	4/28/14	5/28/14	6/18/14	7/23/14							6/12/14			
	W.O. #	10166	10308	10479	10480	10888	11039	11040							10896			
Motor	Initials	JV	AH	AH	AH	AH	JV	WQ						Sect: 7.1.2	AH/JV		Sect: 7.2.2	
	Date	1/7/14	2/13/14	3/21/14	4/8/14	5/15/14	6/12/14	7/23/14							5/7/14			
	W.O. #	10166	10308	10479	10480	10888	11039	11040							10896			
Press/Lvl Transdcr.	Initials													Sect: 7.3.2			Sect: 7.3.2	
	Date																	
	W.O. #																	
Isolation Valves	Initials													Sect: 7.3.6			Sect: 7.3.6	
	Date																	
	W.O. #																	
Cla-Val	Initials													Sect: 7.3.1			Sect: 7.3.1	
	Date																	
	W.O. #																	
Mag-Meter	Initials													Sect: 7.3.3			Sect: 7.3.3	
	Date																	
	W.O. #																	
A.R.V.	Initials													Sect: 7.2.3	JV		Sect: 7.3.4	
	Date														6/12/14			
	W.O. #														10896			
M.C.C.	Initials													Sect: 7.3.5			Sect: 7.3.5	
	Date																	
	W.O. #																	



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	6-2ND	MO.	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											Section: 12.3.2	JV 5/7/14 10831					
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											Section: 12.3.1	AH 6/13/14 10831					
Chlorine Pump														Section: 12.2.1	AH 3/13/14 10580	AH 4/28/14 10846									
4 Air Charer														Section: 12.2.2	AH 3/13/14 10580	AH 6/13/14 10846									
Check Valve														Section: 12.3.3	AH 6/13/14 10831										
A.R.V.														Section: 12.3.4	AH 6/13/14 10831										
M.C.C.																									
Pneumat Tank														Section: 12.2.3	AH 1/7/14 10580	AH 6/13/14 10846									
Isolation Valves																									
Propeller Meter																									

# 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	2ND	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	AH 7/17/14 11031								AH/IV 5/7/14 10832			Section: 11.3.2			
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	AH 7/17/14 11031								AH 6/13/14 10832			Section: 11.3.1			
Chlorine Pump	Section: 11.2.1													AH 3/21/14 10579	AH 4/28/14 10851			Section: 11.2.1			
Air Charer	Section: 11.2.2													AH 3/24/14 10579	AH 6/13/14 10851			Section: 11.2.2			
4 Check Valve	Section: 11.3.3													AH 6/13/14 10832				Section: 11.3.3			
A.R.V.	Section: 11.3.4													AH 6/13/14 10832				Section: 11.3.4			
M.C.C.	Section: 11.4.1																	Section: 11.4.1			
Pneumat Tank	Section: 11.4.5																	Section: 11.4.5			
Isolation Valves	Section: 11.4.3																	Section: 11.4.3			
Propeller Meter	Section: 11.4.2																	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	AH	AH	AH	
	Date	1/6/14	2/12/14	4/28/14	5/15/14	6/13/14	7/24/14								4/16/14						
	W.O. #	10135	10297	10483	10894	11032	11033							10483	10815						
		Sect: TBD												Section: TBD				Section: TBD			
Air Charer	Initials	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	AH	
	Date																				
	W.O. #																				
Isolation Valves	Initials																				
	Date																				
	W.O. #																				
A.R.V.	Initials																				
	Date																				
	W.O. #																				
M.C.C.	Initials																				
	Date																				
	W.O. #																				
Pneumat Tank	Initials																				
	Date																				
	W.O. #																				
Propeller Meter	Initials																				
	Date																				
	W.O. #																				

 = Well/Tank Offline

Elk Grove Water District  
Backflow Cross-Connection Program 2014

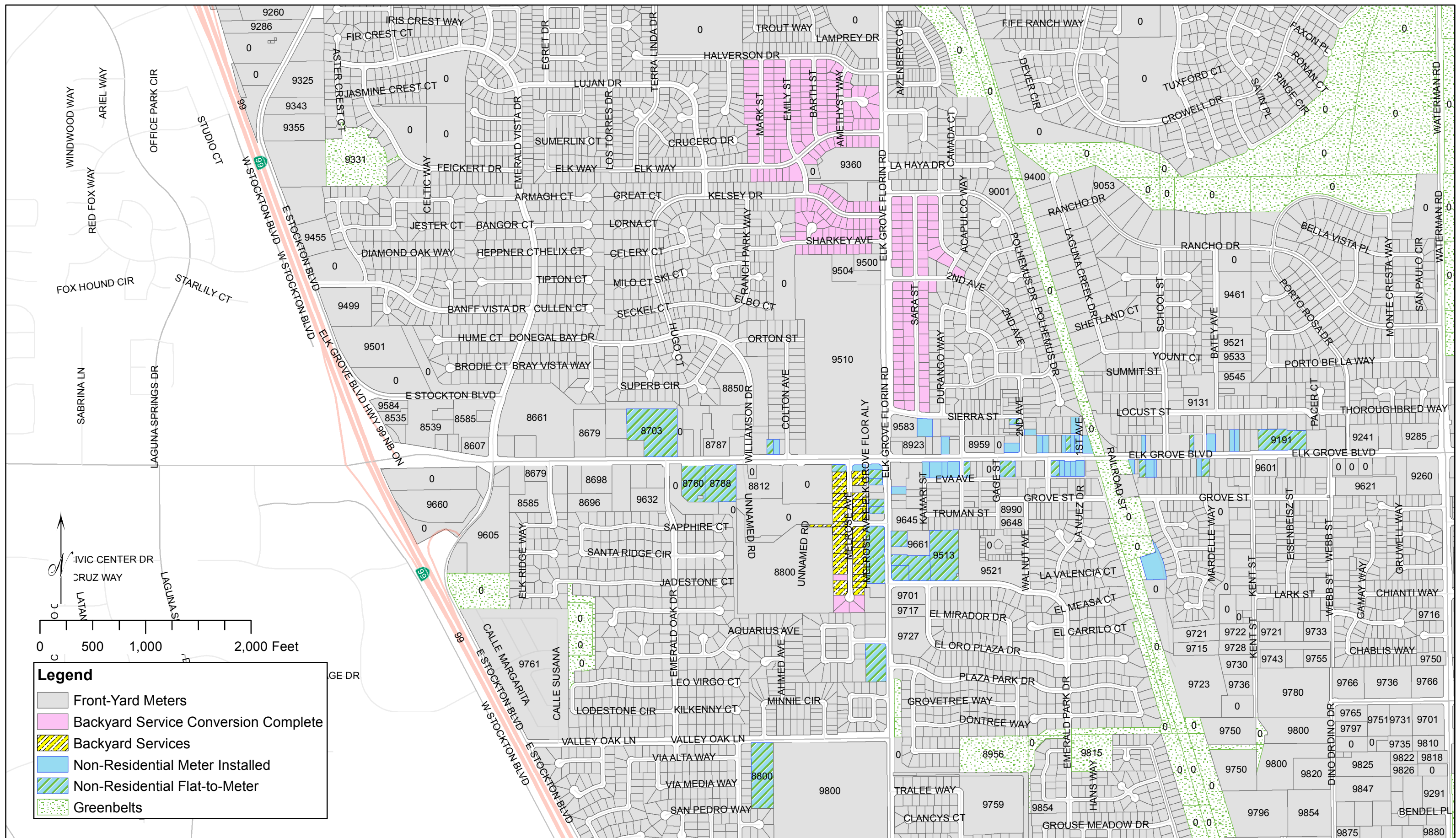
Backflow Reports	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
CURRENT												
Notices Issued	3	37	45	1	41	41	251					
Pass:	3	18	33	1	17	20	138					
Fail:		3	0		6	3	9					
Failed Devices Retested----Passed		3	0		6	2	6					
Outstanding Results Due		16	12		18	19	107					

DELINQUENT	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
Previous Month Carryover		16	4	0	0	6	16					
Sent:		16	12		18	19	94					
Received:		12	12		7	8	0					
Sent:		4	4		11	11						
Received:			4		5	1						
Investigations Due												
Service Discontinued							13					

## Elk Grove Water District Weekly Safety Meetings/Training July 2014

Date	Topic	Attendees:	Hosted By:
7/7/2014	Eye Safety	Jose C, Jose M, David, John V, John D, Sean, Michael, Justin, Richard, Gerardo, Eliseo, Joel, Alan, Sal, Brandon, Steve, Aaron, Wilfredo	Steve Shaw
7/14/2014	Don't Let Chemicals Get To You!	Jose C, Jose M, David, John D, Sean, Michael, Justin, Richard, Gerardo, Eliseo, Joel, Alan, Chris, Sal, Brandon, Steve, Aaron, Wilfredo	Steve Shaw
7/21/2014	Safe Use of Compressed Air	Jose C, Jose M, David, John V, Sean, Michael, Justin, Richard, Gerardo, Eliseo, Joel, Alan, Chris, Sal, Steve, Aaron	Steve Shaw
7/28/2014	Ladder Safety	Jose C, David, John V, Sean, Michael, Chris, Richard, Gerardo, Eliseo, Joel, Alan, Sal, Brandon, Steve, Aaron	Steve Shaw
7/30/2014	Pro-Active Safety Attitudes	Staff Meeting (All staff members required to attend)	Ellen Carson





**Legend**

- Front-Yard Meters
- Backyard Service Conversion Complete
- Backyard Services
- Non-Residential Meter Installed
- Non-Residential Flat-to-Meter
- Greenbelts

Backyard Services Converted: 0	(July 2014)
Backyard Service Remaining: 29	
Non-Residential Meters Installed: 0	
Non-Residential Meters Remaining: 24	



## 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: August 4, 2014





**Legend**

- Bullheads Replaced
- Bullheads Remaining

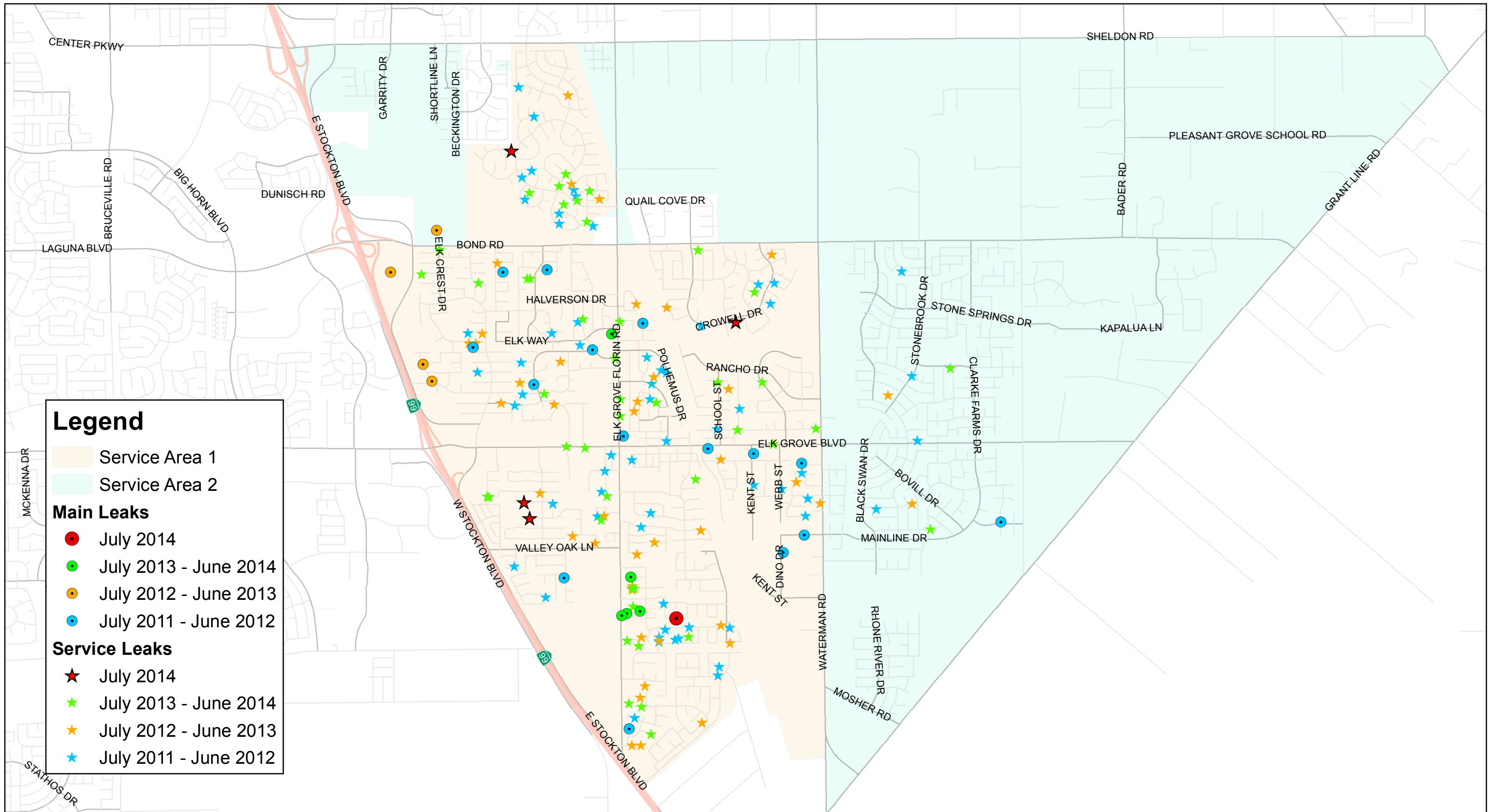
Bullheads Replaced in July 2014: 13
Bullheads Remaining: 1206
Total Bullheads Replaced: 13



## 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: August 5, 2014



**Legend**

- Service Area 1
- Service Area 2

**Main Leaks**

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

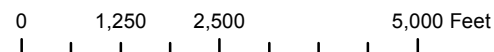
**Service Leaks**

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

July 2014	
Main line Leaks: 1	YTD: 1
Service line Leaks: 4	YTD: 4
Total Leaks: 5	YTD: 5

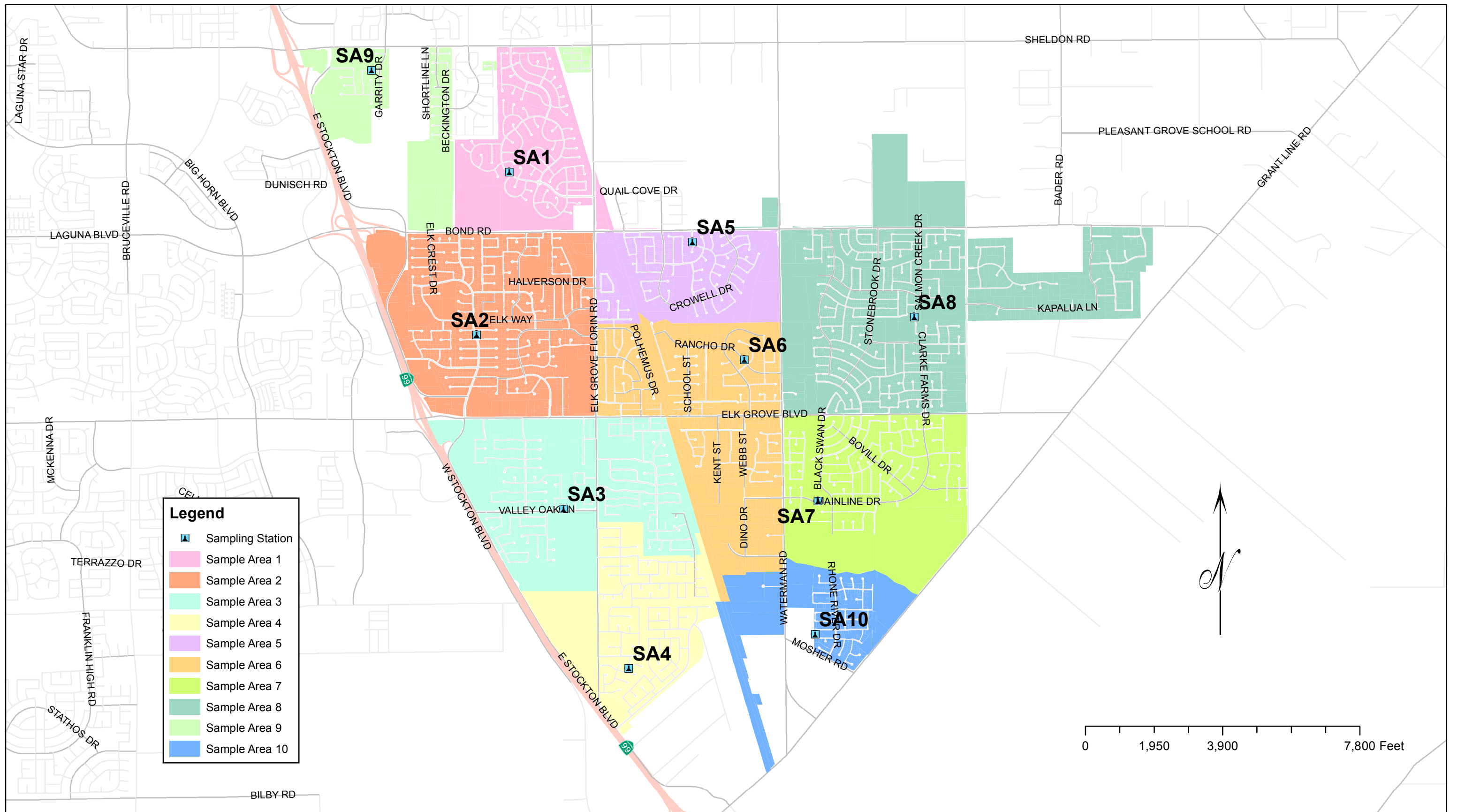


**EGWD Leaks**



Elk Grove Water District
Service / Main Leaks
Created by: Travis Franklin
Date: August 4, 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

0 1,950 3,900 7,800 Feet



**Sample Stations: 10**



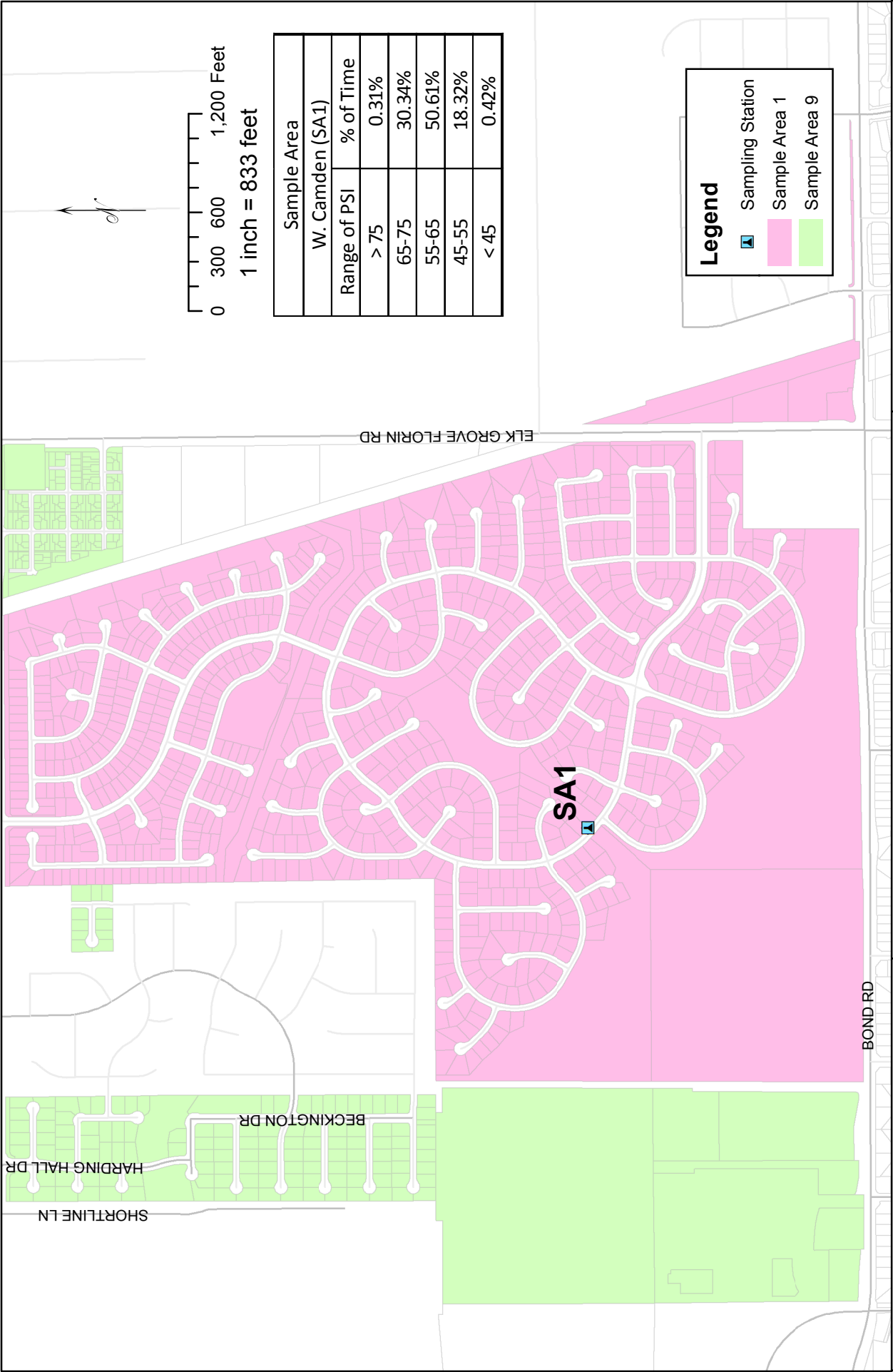
**Elk Grove Water District**  
Sample Station Areas

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

Source: EGWD GIS database

Modified by: Travis Franklin




August 4, 2014



0 300 600 1,200 Feet  
1 inch = 833 feet

Sample Area	
W. Camden (SA1)	
Range of PSI	% of Time
> 75	0.31%
65-75	30.34%
55-65	50.61%
45-55	18.32%
< 45	0.42%

**Legend**

-  Sampling Station
-  Sample Area 1
-  Sample Area 9

Projected Coordinate System:  
NAD 83 State Plane CA II FIPS 0402  
Source:EGWD GIS database  
Created by: Travis Franklin  
August 4, 2014

## Elk Grove Water District

### System Pressure Monitoring




### Sample Station #1

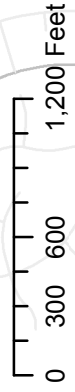
Note: Sample Station takes a reading every 5 minutes.

July 2014



**Legend**

-  Sampling Station
-  Sample Area 2



1 inch = 833 feet

Sample Area	
Emerald Vista (SA 2)	
Range of PSI	% of Time
> 75	1.53%
65-75	37.05%
55-65	48.63%
45-55	12.69%
< 45	0.10%

**Sample Station #2**

Note: Sample Station takes a reading every 5 minutes.

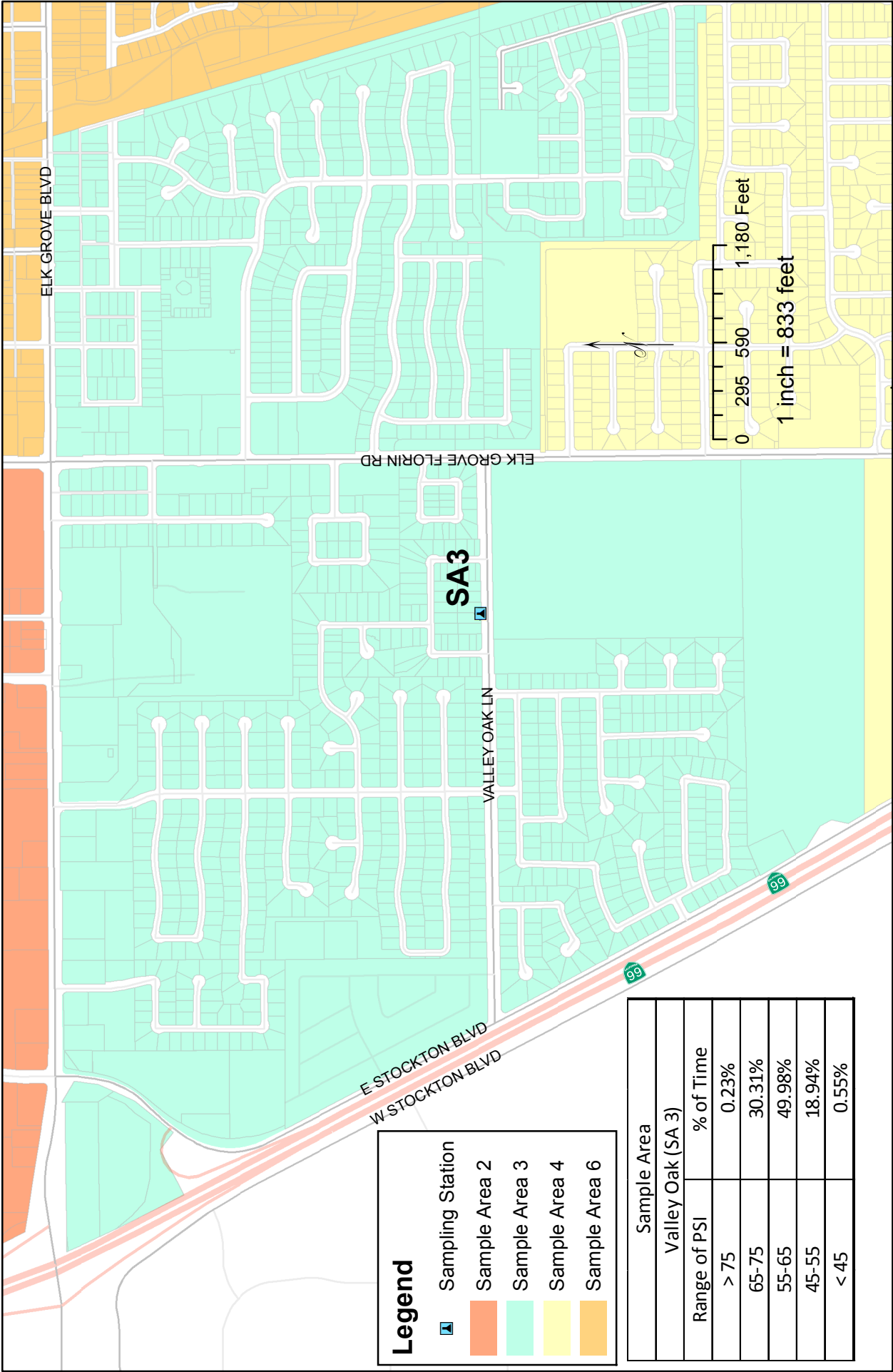
July 2014



**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  
 August 4, 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	0.23%
65-75	30.31%
55-65	49.98%
45-55	18.94%
< 45	0.55%

Projected Coordinate System:  
 NAD 83 State Plane CA II FIPS 0402  
 Source: EGWD GIS database  
 Created by: Travis Franklin  
 August 4, 2014

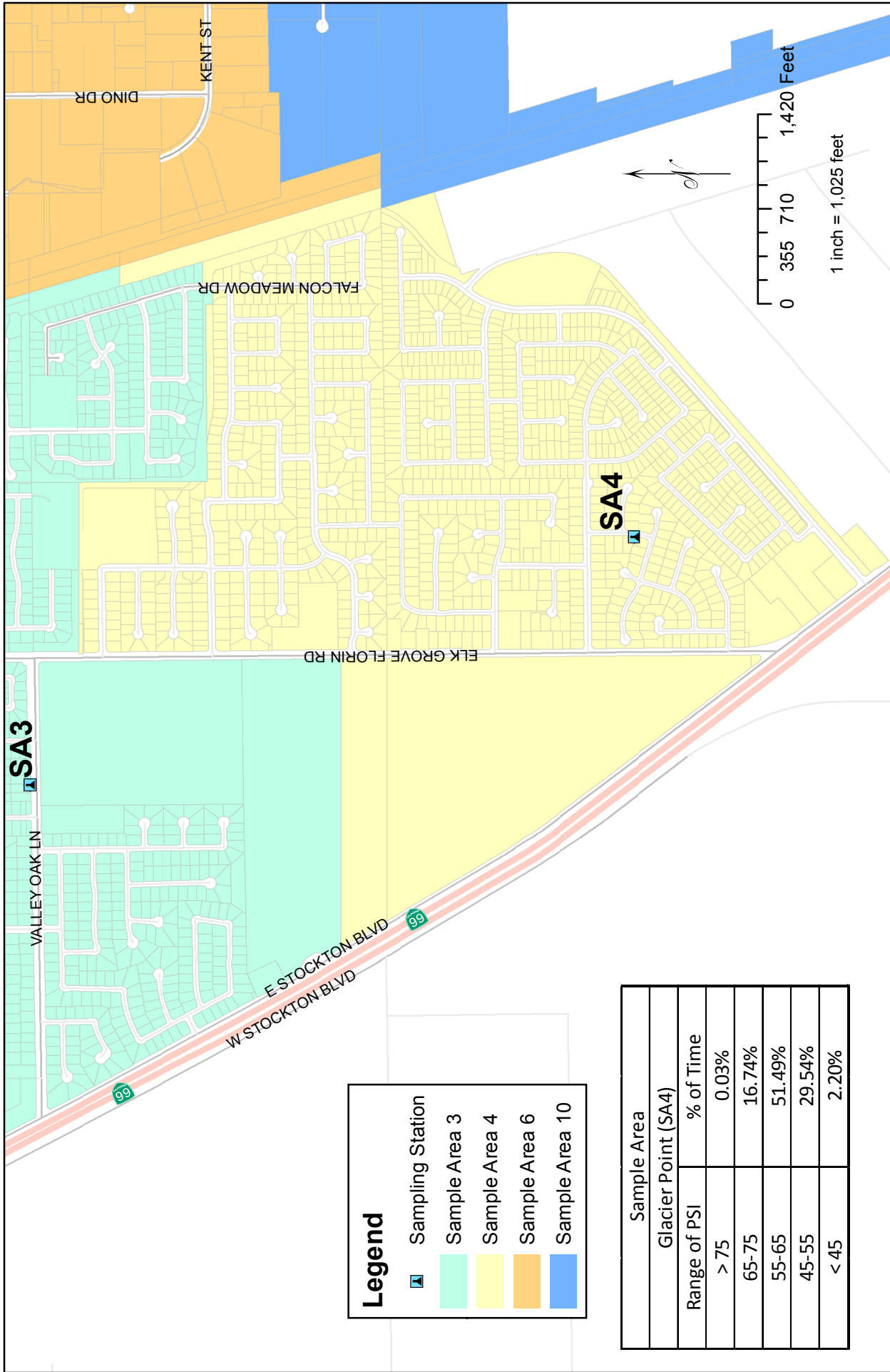
**Elk Grove Water District**  
 System Pressure Monitoring








**Sample Station #3**

Note: Sample Station takes a reading every 5 minutes.

July 2014



**Legend**

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

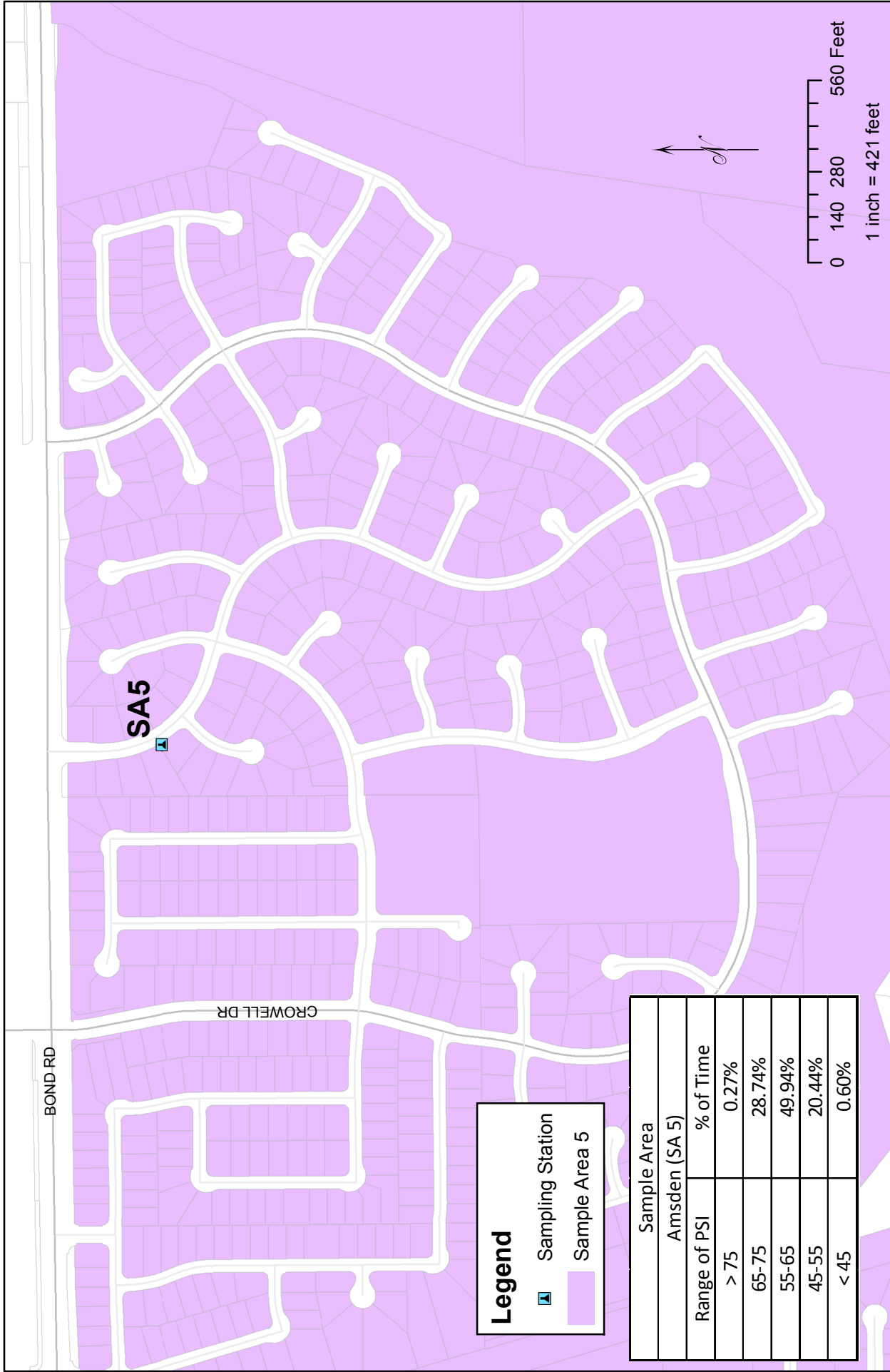
Sample Area	
Glacier Point (SA4)	
Range of PSI	% of Time
> 75	0.03%
65-75	16.74%
55-65	51.49%
45-55	29.54%
< 45	2.20%





**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  
August 4, 2014

**Sample Station #4**  
Note: Sample Station takes a reading every 5 minutes.  
July 2014



**Legend**

-  Sampling Station
-  Sample Area 5

Sample Area	
Amsden (SA 5)	
Range of PSI	% of Time
> 75	0.27%
65-75	28.74%
55-65	49.94%
45-55	20.44%
< 45	0.60%

**Sample Station #5**

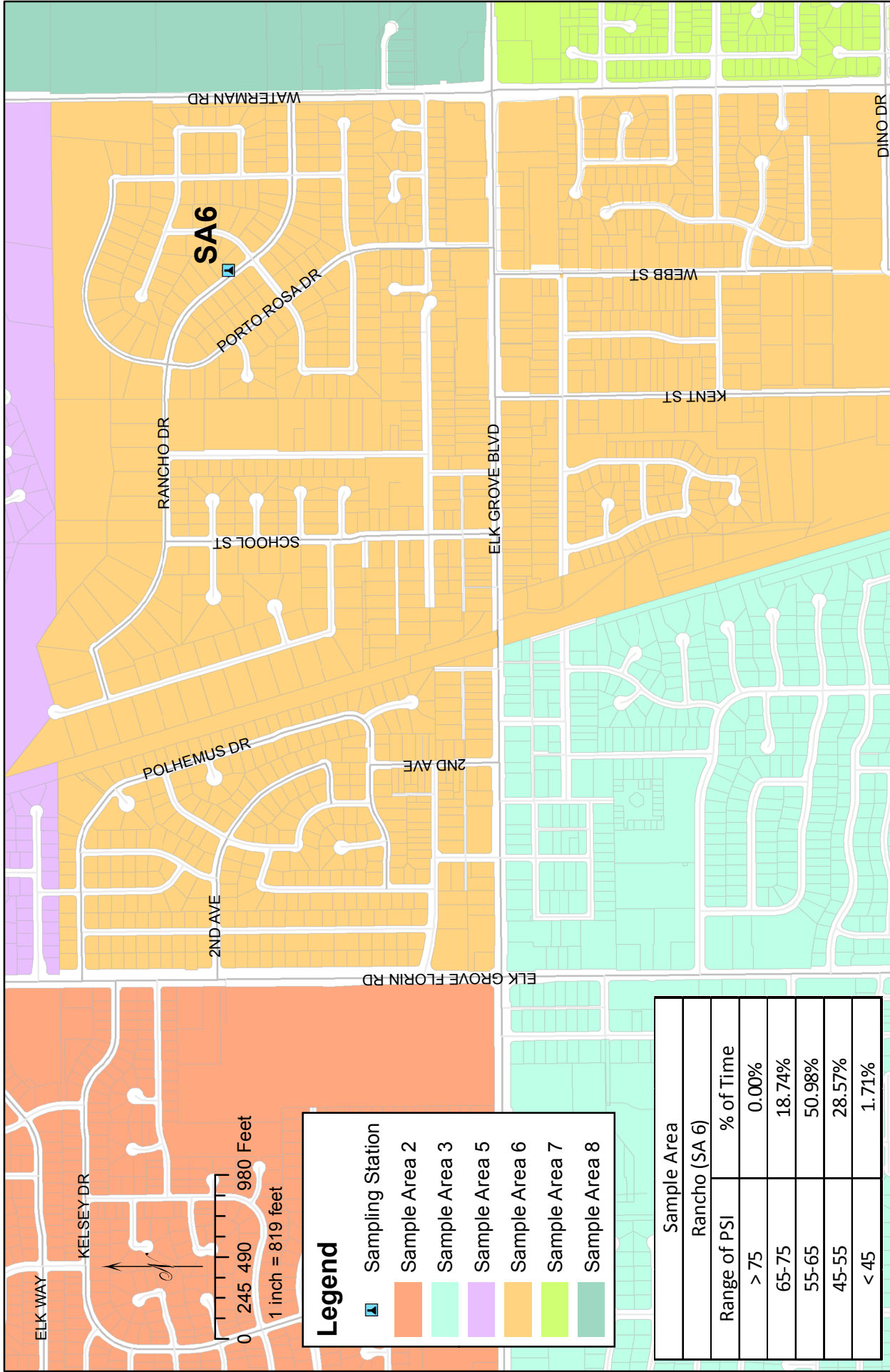
Notes: Sample Station takes a reading every 5 minutes.

July 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  
 August 4, 2014



Projected Coordinate System:  
 NAD 83 State Plane CA II FIPS 0402  
 Source: EGWD GIS database  
 Created by: Travis Franklin  
 August 4, 2014

**Elk Grove Water District**  
 System Pressure Monitoring



Sample Area	% of Time
Rancho (SA 6)	0.00%
> 75	18.74%
65-75	50.98%
55-65	28.57%
45-55	1.71%
< 45	

**Sample Station #6**  
 Note: Sample Station takes a reading every 5 minutes.  
 July 2014



Projected Coordinate System:  
 NAD 83 State Plane CA II FIPS 0402  
 Source: EGWD GIS database  
 Created by: Travis Franklin  
 August 4, 2014

**Elk Grove Water District**  
 System Pressure Monitoring

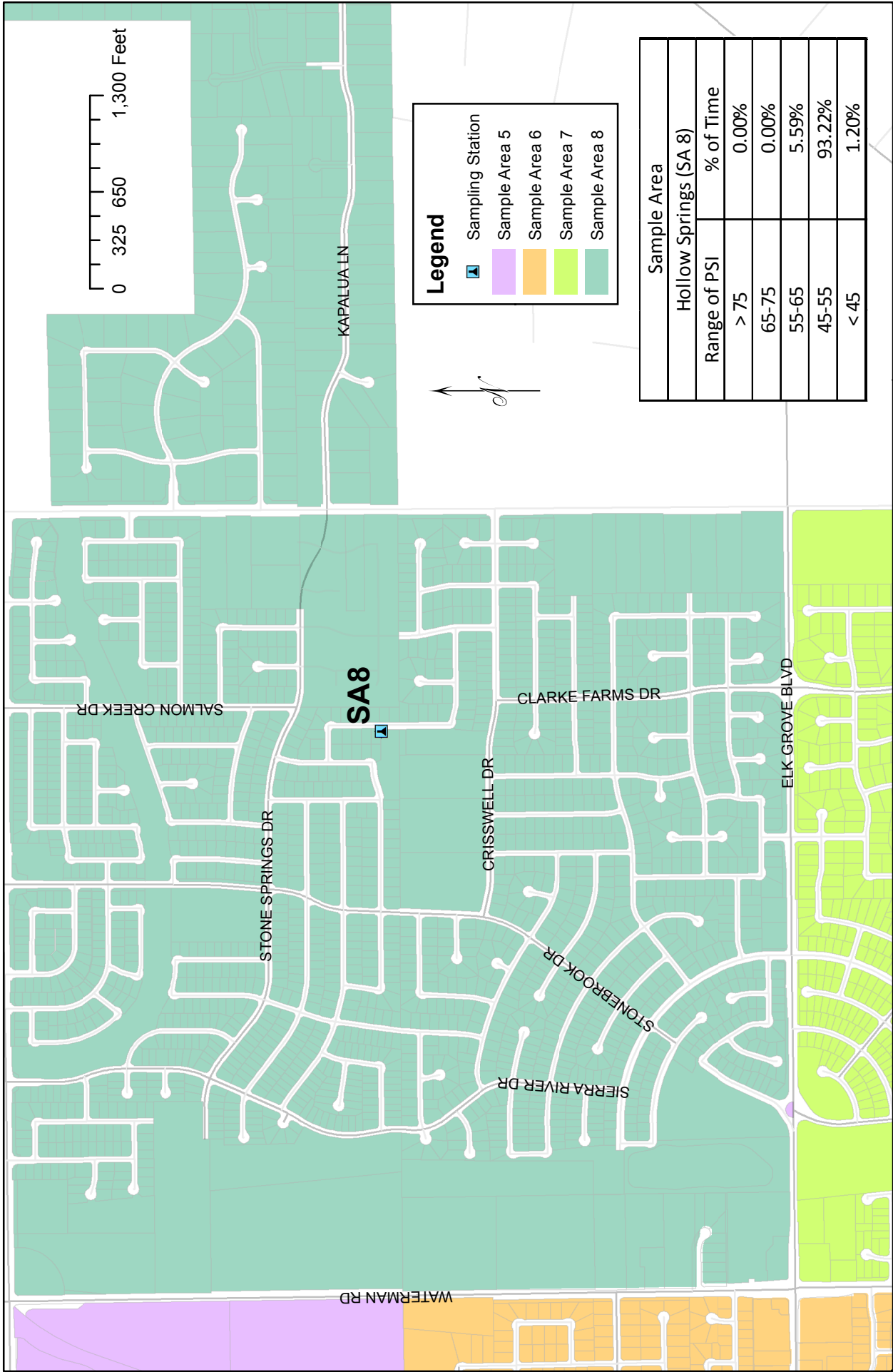
Elk Grove Water District  
 A Division of the  
 Elvert Resource Conservation District

**Sample Station #7**

Note: Sample Station takes a reading every 5 minutes.

July 2014





**Legend**

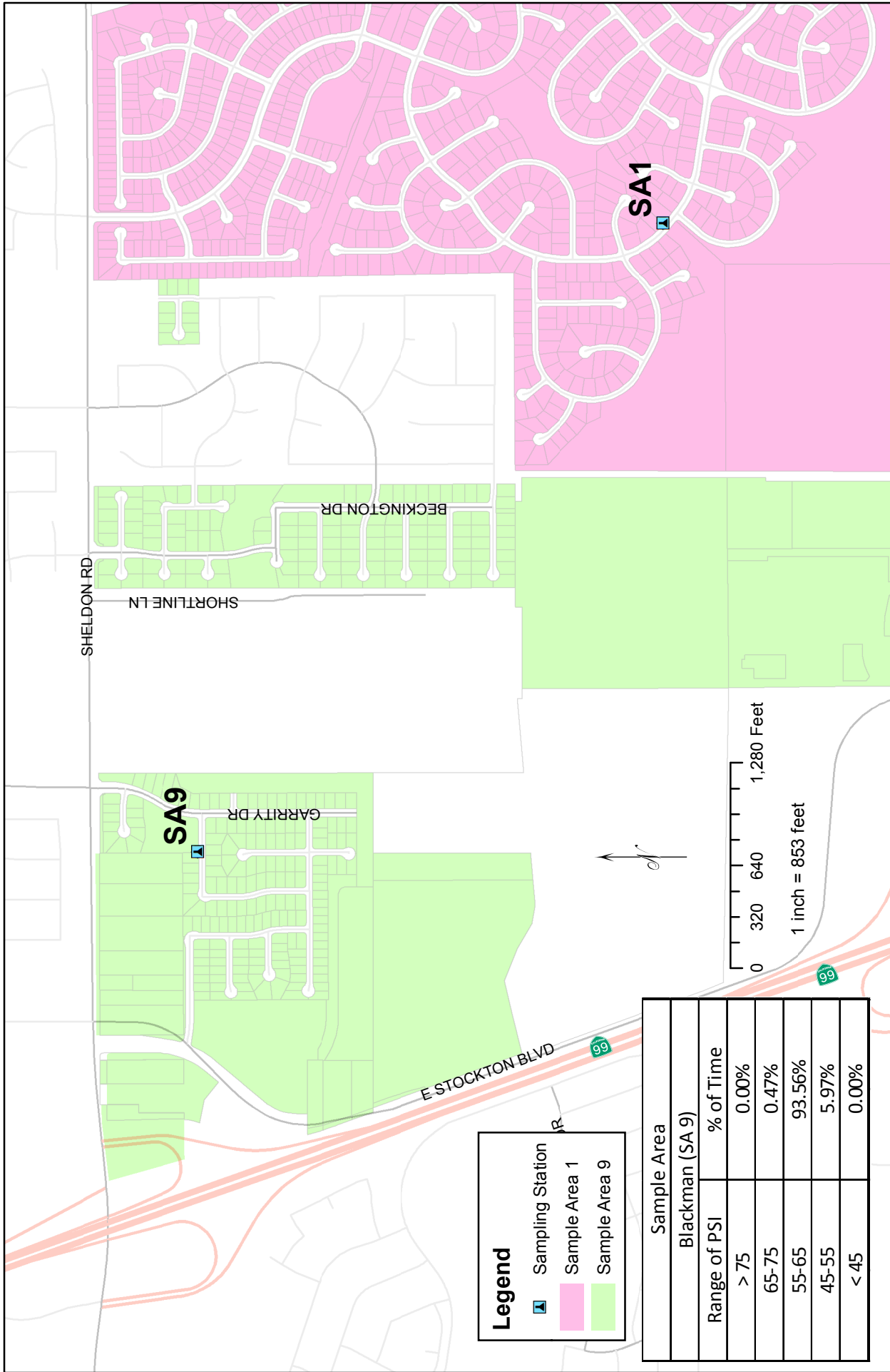
- Sampling Station
- Sample Area 5
- Sample Area 6
- Sample Area 7
- Sample Area 8

Sample Area	
Hollow Springs (SA 8)	
Range of PSI	% of Time
> 75	0.00%
65-75	0.00%
55-65	5.59%
45-55	93.22%
< 45	1.20%

Projected Coordinate System:  
 NAD 83 State Plane CA II FIPS 0402  
 Source: EGWD GIS database  
 Created by: Travis Franklin  
 August 4, 2014

**Elk Grove Water District**  
 System Pressure Monitoring

**Sample Station #8**  
 Note: Sample Station takes a reading every 5 minutes.  
 July 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	0.47%
		55-65	93.56%
		45-55	5.97%
		< 45	0.00%

**Sample Station #9**

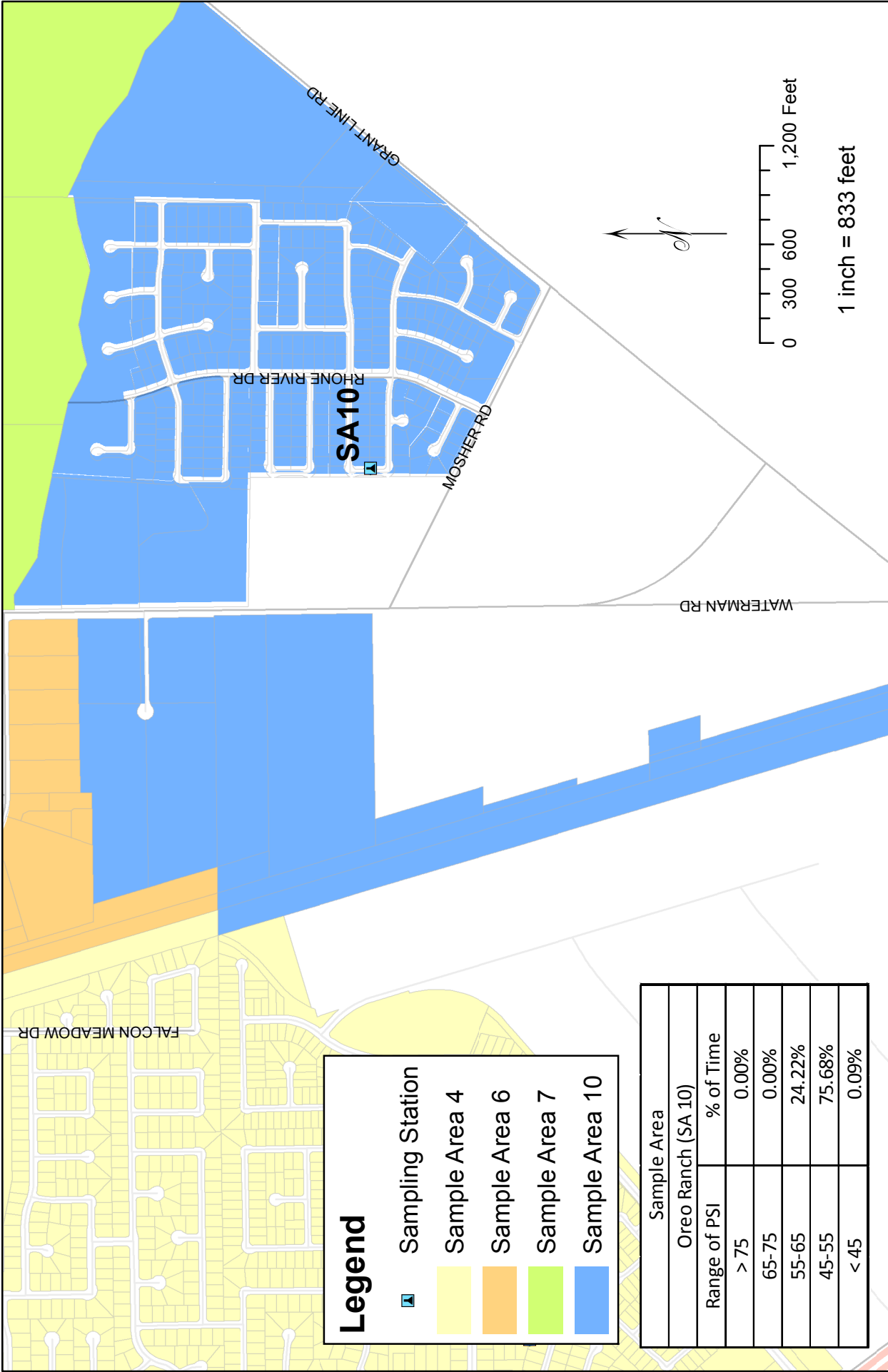
Note: Sample Station takes a reading every 5 minutes.

July 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  
August 4, 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	24.22%
45-55	75.68%
< 45	0.09%

**Sample Station #10**

Note: Sample Station takes a reading every 5 minutes.

July 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

August 4, 2014

August 27, 2014

TO: Chairman and Directors of the Florin Resource Conservation District  
FROM: Stefani Phillips, Secretary of the FRCD Board of Directors  
SUBJECT: AMENDED AND RESTATED ASSOCIATE DIRECTORS POLICY

### **RECOMMENDATION**

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.

### **Summary**

At the June 25, 2014 Regular Board Meeting, the FRCD Board asked staff to clarify the application process. Staff is proposing that Policy No. 12, adopted by Resolution No. 03.25.09.01 be amended for a second time to revise and clarify the application process.

By this action, the Board will amend and restate the application process in the Associate Director Policy.

### **DISCUSSION**

#### **Background**

On March 25, 2009, the FRCD Board of Directors adopted Resolution No. 03.25.09.01 adopting Policy No. 12, which detailed the appointment and qualifications, term and responsibilities, and the application process.

In January, 2012, the FRCD Board of Directors adopted Resolution No. 01.25.12.01 amending Policy No. 12 to establish a process for renewing the Associate Board of Directors' terms.

At the June 25, 2014 Regular Board Meeting, the FRCD Board asked staff to clarify the application process. Specifically, the Board requested staff to focus on the application requirements for individuals interested in becoming an Associate Director.



August 27, 2014

**AMENDED AND RESTATED ASSOCIATE DIRECTORS POLICY**

Page 2

**Present Situation**

Staff has reviewed the requirements and proposes the following substantive change:

The current application process text reads:

1. *"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 is:

1. *"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."*

Other minor changes are included in the proposed revision, although these changes are non-substantive.

**Financial Summary**

There is no financial impact associated with this agenda item.

Respectfully submitted,



STEFANI PHILLIPS  
SECRETARY TO THE FLORIN RESOURCE CONSERVATION BOARD OF  
DIRECTORS

Attachment



**RESOLUTION No. 08.27.14.01**

**RESOLUTION OF THE BOARD OF DIRECTORS  
OF THE FLORIN RESOURCE CONSERVATION DISTRICT  
ADOPTING AN AMENDED AND RESTATED POLICY REGARDING ASSOCIATE  
DIRECTORS**

**WHEREAS**, on March 25, 2009, the Board of Directors of the Florin Resource Conservation District (“District”) adopted Resolution No. 03.25.09.01 adopting Policy No. 12 regarding the appointment, term and responsibilities of associate directors.

**WHEREAS**, on January 25, 2012, the District adopted Resolution No. 01.25.12.01 amending Policy No. 12 to establish a process for renewal of associate directors’ terms.

**WHEREAS**, the District wishes to amend Policy 12 again to revise and clarify the application process for associate directors.

**NOW, THEREFORE, BE IT RESOLVED** by the Board of Directors of the District as follows:

Section 1. The Board of Directors hereby approves and adopts an amended and restated “Associate Directors Policy,” attached hereto as Exhibit “A,” to clarify the application process for associate directors.

Section 2. The Secretary to the Board shall certify to the passage and adoption of this resolution and the same shall take effect and be in force upon its adoption.

**APPROVED AND ADOPTED** this 27th day of August, 2014.

**AYES:**

**NOES:**

**ABSENT:**

**ABSTAIN:**

\_\_\_\_\_  
Barrie Lightfoot  
Chairman of the Board of Directors

ATTEST:

\_\_\_\_\_  
Stefani Phillips  
Secretary to the Board of Directors

**EXHIBIT “A”**

“AMENDED AND RESTATED ASSOCIATE DIRECTOR POLICY”

*[Attached behind this cover page]*

FLORIN RESOURCE CONSERVATION DISTRICT

POLICY NO. 12

ADOPTED BY FRCD RESOLUTION NO. 03.25.09.01  
AMENDED AND RESTATED BY FRCD RESOLUTION NO. 08.27.14.01

Associate Directors Policy

Purpose:

The Resource Conservation District law allows for associate directors. They are appointed by the Board of Directors. Associates offer unique expertise to the Board of Directors in areas that included but are not limited to: finance, government accounting, agricultural practices, education, public relations, engineering, geochemistry, environmental health, conservation, geology, water resources, water service delivery, local government, environmental issues, land use, and real estate. The FRCD may have up to 5 Associate Directors.

Appointment and qualifications:

- 1) Associates must be a registered voter or land owner in the Florin Resource Conservation District.
- 2) Associates must possess expertise in one of the areas of interest to the District.
- 3) Associates are appointed by a vote of the Board of Directors.

Term and Responsibilities

- 1) Associate Directors are appointed for two-year terms beginning on July 1. District staff shall contact each Associate Director no later than May 1st prior to the expiration of his or her two-year term to ascertain whether the Associate Director wishes to serve another term. At the next meeting of the Board of Directors held in June, the Board shall consider reappointing any Associate Director who has stated a desire to serve another two-year term. There are no term limits.
- 2) Associate Directors are encouraged to attend and participate in the discussion at board meeting but may not vote.
- 3) Associates may participate in committees of the Board of Directors.
- 4) Associate directors may be removed at anytime by a majority vote of the Board of Directors.;
- 5) Associate Directors are subject to the conflict of interest code and should complete an approved ethics course similar to the requirements of the Board of Directors.
- 6) Associate Directors may not participate in closed session items unless their knowledge and expertise is appropriate for the subject.
- 7) All Associate Director's activities must be consistent with FRCD policy, purpose, and direction.
- 8) In their function as Associate Directors they will not at any time make agreements, contracts, or representations to any party, other organizations, or government agencies.

## Application Process

- 1) 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.
- 2) Applications will be submitted to the district office. Deadline for applications will be May 31 for action by the Board at its June meeting.



August 27, 2014

TO: Chairman and Directors of the Florin Resource Conservation District

FROM: Mark J. Madison, General Manager

SUBJECT: **AMERICAN RIVER BASIN INTEGRATED REGIONAL WATER MANAGEMENT PLAN – 2013 UPDATE**

### **RECOMMENDATION**

It is recommended that the Florin Resource Conservation District Board of Directors adopt a resolution adopting the American River Basin Integrated Regional Water Management Plan – 2013 Update.

### **Summary**

The American River Basin Integrated Regional Water Management Plan – 2013 Update (IRWMP) is a product of a cooperative effort by local water stakeholders participating through the Regional Water Authority (RWA). The IRWMP is a comprehensive planning document that identifies management strategies and prioritizes projects that support sustainable water management. The Department of Water Resources (DWR) conditions much of their available grant funding to projects that are part of a local integrated water management plan and its goals.

By this action, if approved, the Board would adopt the IRWMP completed by the RWA, thereby enabling the Florin Resource Conservation District to qualify for certain DWR grants if funding is made available.

### **DISCUSSION**

#### **Background**

Representatives from about 100 water related organizations, including staff from Elk Grove Water District and the City of Elk Grove, participated over a four year period in the development of the IRWMP. Although the Regional Water Authority (RWA) adopted the IRWMP in July 2013, the plan is a living document and will continue to be updated as projects are completed and new priorities emerge. In addition to the extensive document, RWA also maintains a Web site at: <http://irwm.rmwater.com/rwa/master.php> where stakeholders can upload project proposals and check the status of various regional activities.



**AMERICAN RIVER BASIN INTEGRATED REGIONAL WATER MANAGEMENT PLAN  
– 2013 UPDATE**

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Page 2

Bundling similar regional projects together has proven effective in applying for grant funding. RWA has received over \$41 million in DWR grant funding for local agencies since the development of the IRWMP. EGWD's involvement in the IRWMP has resulted in grant funding for the acceleration of the meter retrofit project. Adoption of the IRWMP is required by DWR for any agency receiving grant funding offered through the integrated water management portion of Proposition 84, and would likely be required for any future grants funded by State water bonds.

**STRATEGIC PLAN AND URBAN WATER MANAGEMENT PLAN CONFORMITY**

Adoption of the American River Basin IRWMP complies with the District's Grants and Other Funding goals of the 2012-2017 Strategic Plan. EGWD's participation in the development of the IRWMP has already resulted in grant funding to meet and accelerate the Strategic Plan's goal to complete the meter retrofit. Additional grant opportunities for both the FRCD and EGWD may be present through the Plan's adoption. Adoption of the American River Basin IRWMP complies also with the FRCD's goal to initiate relationships between regional water purveyors in cooperation on potential groundwater banking projects.

Adoption of the American River Basin Integrated Regional Water Management Plan is compatible with EGWD's 2010 Urban Water Management Plan (UWMP) because the UWMP was an informational source for the IRWMP, particularly providing demographic information on the EGWD service area. The goals of the IRWMP and the UWMP are similar and supportive, to protect the local water resources and provide reliable, sustainable water service.

**FINANCIAL SUMMARY**

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

Respectfully Submitted,



MARK J. MADISON,  
GENERAL MANAGER

Attachment

**RESOLUTION NO. 08.27.14.02**

**RESOLUTION OF THE BOARD OF DIRECTORS OF THE  
FLORIN RESOURCE CONSERVATION DISTRICT  
ADOPTING THE AMERICAN RIVER BASIN  
INTEGRATED REGIONAL WATER MANAGEMENT  
PLAN**

**WHEREAS**, the Board of Directors of the Florin Resource Conservation District and the other stakeholders of the American River Basin (ARB) support a vision of responsibly managing water resources for the lasting health of the region's community, economy, and environment;

**WHEREAS**, the Board of Directors of the Florin Resource Conservation District and the stakeholders of the American River Basin recognize the development and implementation of an Integrated Regional Water Management Plan (IRWMP) will support realization of this vision;

**WHEREAS**, the Regional Water Authority (RWA) was designated in November 2009 by the California Department of Water Resources as the Regional Water Management Group (RWMG) authorized to prepare and implement an IRWMP within the ARB planning area;

**WHEREAS**, since November 2009, RWA has collaborated extensively with regional stakeholders to develop a vision, principles, goals, and objectives to support the ARB IRWMP;

**WHEREAS**, the ARB IRWMP is not a legally binding document on the stakeholders adopting the plan, but rather serves as a framework for coordinated planning in the region;

**WHEREAS**, the ARB IRWMP is a living document, with defined processes for updating plan components;

**WHEREAS**, RWA, serving as the RWMG, adopted the ARB IRWMP at a public meeting held on July 11, 2013.

**THEREFORE, BE IT RESOLVED**, that the Florin Resource Conservation District hereby adopts the ARB IRWMP that provides a broadly supported vision, principles, goals, and objectives to help ensure sustainable water resources in the region. The Florin Resource Conservation District will strive to ensure that projects it submits into the ARB IRWMP have considered opportunities for achieving integrated benefits. Furthermore, the Florin Resource Conservation District will update information on any of its projects included in the ARB IRWMP on at least an annual basis.

**PASSED, APPROVED, AND ADOPTED** this \_\_\_\_ day of \_\_\_\_\_.

**AYES:**

**NOES:**

**ABSENT:**

**ABSTAIN:**

\_\_\_\_\_  
Barrie Lightfoot  
Chairman of the Board of Directors

ATTEST:

\_\_\_\_\_  
Stefani Phillips  
Secretary to the Board of Directors

]



August 27, 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**

August 31<sup>st</sup> is the deadline for each house to pass bills before adjournment. Therefore, there has been a great deal of action since the legislators returned to business on August 4. The Governor then has until September 30 to sign or veto bills. The 2015-2016 Regular session convenes on December 1.

### **DISCUSSION**

#### **Background**

The Board requests monthly updates of legislation items related to the District. Attached is a summary of bills with recent activity and a spreadsheet tracking water bond proposals.

#### **Present Situation**

The most significant action has been the development and signing of a compromise water bond. The original bond proposal scheduled for this fall's election had over \$11 billion in water projects, an amount that Governor Brown opposed as asking too high. His bond limited the amount at \$6 billion. Staff has been tracking up to ten alternative proposals and in the past month, AB 1471, which had been sitting as a placeholder bill, achieved the desired compromise and was signed by Governor Brown on August 13. This bond proposal will appear on the November ballot as Proposition 1.

**LEGISLATIVE UPDATE**

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Page 2

SB 1168 and AB 1739 were recently discussed in the 2x2x2 meeting. Both bills have been amended two or three times in the past month and are currently written so that AB 1739 is dependent on SB 1168. SB 1168 authorizes the creation of local groundwater sustainability agencies. Each agency would be charged with the development of a groundwater sustainability plan to be submitted to and accepted by the Department of Water Resources. Upon adoption of the groundwater sustainability plan, each groundwater sustainability agency would offer technical assistance to entities, such as water agencies or oil and gas extractors. AB 1739 would permit the assessment of fees by the groundwater sustainability agencies for their services. The bill also identifies the process for drawing groundwater from regions not covered by a groundwater sustainability plan.

Other bills tracked by staff are in the Engrossing and Enrolling stages, which are the last steps before presentation to the Governor. These are AB 2067, which amends the Urban Water Management Plan, AB 2104, which addresses water efficiency landscaping and SB 1036, another Urban Water Management Plan bill.

**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	7/1/2014 Read second time and amended; ordered to third reading
Support	
Opponents	ACWA, Association of California School Administrators, CSDA

Bill	AB 1331
Author (s)	Rendon
Title	<del>Clean and Safe Drinking Water Act of 2014</del>
Introduced	2/22/2013
Summary	Authorizes the issuance of water bonds in the amount of \$6,500,000,000
Status	6/18/2014 Withdrawn from committee
Support	California Water Association, San Gabriel Valley Council of Governments, California Waterfowl Association, Metropolitan Water District (if amended)
Opponents	ACWA (unless amended – wants increased groundwater funding)

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 1471
Author (s)	Rendon
Title	Water Quality, Supply and Infrastructure Improvement Act of 2014
Introduced	
Summary	Replaces the \$11.1 billion water bond with \$7.545 billion in projects. The bill authorizes the issuance of bonds in the amount of \$7,120,000,000 in new bonds and the reallocation of \$425,000,000 of unissued bonds
Status	8/13/2014 signed by Governor Brown
Support	ACWA, Sacramento County, Metropolitan Water, California Chamber of Commerce, Northern California Water Association
Opponents	

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	8/19/2014 Read second time and ordered to third reading
Support	ACWA (if amended)
Opponents	

Bill	AB 2043
Author (s)	Bigelow and Conway
Title	<del>Safe, Clean and Reliable Water Supply Act of 2014</del>
Introduced	2/20/2014
Summary	Authorizes a \$7.935 billion bond to finance a safe drinking water and water supply reliability program which includes \$3 billion for water storage, \$0.8 billion for groundwater protection and water quality, \$1.5 billion for Delta sustainability, nearly \$1.19 billion for regional water supply reliability, \$1.05 billion for water recycling projects and advanced water treatment technology, and \$395 million for drought relief, wastewater treatment, and safe drinking water.
Status	8/6/2014 Committee meeting postponed
Support	Metropolitan Water (if amended), San Diego County Water Authority (if amended)
Opponents	ACWA (unless amended)

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	8/18/2014 To Engrossing and Enrolling
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	8/18/2014 To Engrossing and Enrolling
Support	East Bay MUD, ACWA, San Diego County Water Authority
Opponents	

Bill	AB 2554
Author (s)	Rendon
Title	<del>Clean, Safe, and Reliable Drinking Water Act of 2014</del>
Introduced	2/21/2014
Summary	Water bond measure for \$8.5 billion
Status	4/29/2014 Passed committee on Water, Parks and Wildlife, to Appropriations, Bill is very similar to AB 1331, but Rendon has objected to AB 1331 amendments
Support	Metropolitan Water (if amended)
Opponents	ACWA (unless amended)

Bill	AB 2686
Author (s)	Perea
Title	<del>Clean, Safe and Reliable Water Supply Act of 2014</del>
Introduced	2/21/2014
Summary	Authorizes a bond action of unspecified amount
Status	8/6/2014 moved to Appropriations suspense file, committee hearing postponed
Support	ACWA, Logue, Metropolitan Water (if amended), San Diego County Water Authority
Opponents	Clean Water Action, Planning and Conservation League, Sierra Club

## California Senate

Bill	SB 848
Author (s)	Wolk
Title	<del>Safe Drinking Water, Water Quality and Flood Protection Act of 2014</del>
Introduced	1/9/2014
Summary	Repeals the previous bond proposals and replaces them with a \$7,500,000,000 bond to finance water storage projects
Status	8/18/2014 Ordered to inactive file at Senator Wolk's request
Support	Sonoma County Water Agency, Yolo County Board of Supervisors, Water Bond Coalition, CARCD, County of Sacramento,
Opponents	ACWA (unless amended – wants more Delta sustainability funding and continuous appropriation for storage), Metropolitan Water (unless amended), Madera County Farm Bureau, Northern California Water Association

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 927
Author (s)	Cannella and Vidak
Title	<del>Safe, Clean and Reliable Drinking Water Supply Act of 2014</del>
Introduced	1/29/2014
Summary	Proposes a water bond in the amount of \$9,217,000,000, removes authorization for funds for ecosystem and watershed protection and restoration and increases funding for disadvantaged and economically distressed areas.
Status	4/22/2014 Failed passage in Natural Resources and Water committee, reconsideration granted
Support	Metropolitan Water (if amended)
Opponents	ACWA, unless amended



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	6/19/2014 Ordered to third reading
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	8/18/2014 To Engrossing and Enrolling
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	8/19/2014 Read third time and amended; ordered to third reading
Support	ACWA (if amended)
Opponents	

Bill	SB 1250
Author (s)	Hueso
Title	<del>Safe, Clean and Reliable Drinking Water Supply Act of 2014</del>
Introduced	2/20/2014
Summary	Proposes a 10,150,000,000 Water Bond
Status	5/13/2014 Hearing cancelled at request of author
Support	ACWA, Metropolitan Water (if amended)
Opponents	

Bill	SB 1281
Author (s)	Pavley
Title	Oil and gas production: water use reporting
Introduced	2/21/2011
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	8/13/2014 Placed in suspense file
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 1370
Author (s)	Galgiani
Title	<del>Reliable Water Supply Bond Act of 2014</del>
Introduced	2/21/2014
Summary	Water bond for \$6,260,000,000
Status	4/8/2014 first hearing in Senate Natural Resources and Water committee
Support	
Opponents	ACWA (unless amended), Metropolitan Water (unless amended), San Diego County Water Authority (unless amended)

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	8/18/2014 Waiting concurrence from Assembly
Support	Metropolitan Water, San Diego County Water Authority
Opponents	



# California Water Bonds 2013-2014

Bill	2014 Bond	AB 1471
Author - Party	Brown	Rendon
Grant \$?	X	X
Status	Original proposal	Signed 8/13/2014

Clean and Safe Drinking Water projects		\$ 400,000,000	\$ 520,000,000
Multibenefit ecosystem and watershed protection and restoration projects	\$ 1,785,000,000	\$ 1,175,000,000	\$ 1,495,000,000
Climate change			
Delta projects	\$ 2,250,000,000	\$ 475,000,000	
Water storage	\$ 3,000,000,000	\$ 2,000,000,000	
Water supply reliability	\$ 1,050,000,000	\$ 750,000,000	
Drought relief/preparedness	\$ 455,000,000	\$ 810,000,000	
Groundwater protection	\$ 1,000,000,000	\$ 450,000,000	\$ 900,000,000
Water efficiency/conservation	\$ 250,000,000		
Water system operational improvement		\$ 2,700,000,000	
Regional grant projects	\$ 350,000,000		
Flood management		\$ 300,000,000	\$ 395,000,000
Water recycling	\$ 1,000,000,000	\$ 450,000,000	\$ 725,000,000
<b>Total Bond Amount:</b>	\$ 11,140,000,000	\$ 6,000,000,000	\$ 7,545,000,000



# Water Supply and Infrastructure Bond to be Placed on November Ballot

**If Passed, Funding Available for Local Water Projects**  
AUGUST 14, 2014

How public agencies seek funding for water quality and storage projects will be impacted if voters approve the state water bond measure passed by the Legislature and signed by Gov. Jerry Brown late Wednesday.

Just before the deadline for inclusion on the November ballot, AB 1471, also known as the Water Quality, Supply, and Infrastructure Improvement Act of 2014, was approved to replace the previous bond measure of \$11 billion, which was deemed too costly. If passed by voters, the new bond measure includes \$7.5 billion for a water quality, supply and infrastructure improvement program.

Specifically, the measure would allocate \$520 million for projects to improve water quality and wastewater treatment, and provide more reliable safe drinking water. Priority for this funding would be given to projects benefitting disadvantaged communities. Also, of the \$7.5 billion made available by the bond measure, \$2.7 billion would be available for water storage projects. Storage projects would be selected by the California Water Commission through a competitive process that ranks projects based on expected return and overall public benefit. However, to be eligible, applicants for storage project funds must first complete feasibility studies and draft environmental documents.

Additionally, the measure would allocate nearly \$1.5 billion for watershed protection and restoration projects; \$900 million for groundwater cleanup and management; \$810 million for integrated regional water management, water conservation and stormwater capture; \$725 million for water recycling projects and facilities; and \$395 million for flood management projects.

In various parts of this bill, statements are made that funds from this bond shall

People

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not be expended to pay the costs of Delta conveyance facilities (i.e. twin tunnels), and that those costs shall be the responsibility of the agencies that benefit from those facilities.

If approved by voters, public agencies seeking funding for any projects will need to evaluate how their project will be prioritized and ranked for eligibility based on the various criteria used for each category of funding. This includes the availability of additional federal, local or private funding, and an evaluation of both technological and economic feasibility.

For more information about how the Water Quality, Supply, and Infrastructure Improvement Act may affect your agency and its water projects, please contact one of the attorney authors of this legal alert listed at the right in the [Environmental Law & Natural Resources](#) and [Special Districts](#) practice groups, or your [BB&K](#) attorney.

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