

Public Works Department. Monthly Status Report Summary – January 2011

For the Month of January 2011				
Division	Service Requests	Work Orders		
Administration	692			
Electrical	56	137		
Environmental Services		16		
Facilities	52	85		
Fleet		179		
Sewer	34	128		
Signs & Markings	0	94		
Storm Drain	4	17		
Streets	20	31		
Urban Forestry	13	49		
Water	645	247		
Grand Total	1,516	995		

**Service Request** – Every time a request for Public Works services is made by phone call, written request, emailed request, or an actual one-on-one request to a PW employee, a **'Service Request'** is generated. This builds a computerized record of all requests made.

**Work Order** – A 'work order' is created each time a work crew or individual is assigned a task as a result of either service requests, pre-planned maintenance projects, or by other situations as they arise. This produces a database of work accomplished and the time and materials it took to do the work.

Total for Calendar Year 2011 Through 01/31/2011	
Service Requests	Work Orders Complete
1,516	995

With **1,516 Service Requests received**, Public Works crews handled **995 Work Orders** for the month of January. They included:

### **Operations & Maintenance**

Administration:

- The administration team received 1,516 Service Requests; 692 of which were handled through the front desk, and the other 824 requests were distributed to the appropriate division. (see chart above)
  - 37 Backflow Notifications were mailed to responsible parties regarding testing requirements
  - 286 Underground Service Alert (USA's) requests processed
  - 212 Delinquent Water Shut-Off's

#### Electrical:

- 68 Street Light Work Orders
  - 4 Asset Management Services
    - 1 Concrete Service
  - 1 Group Lamp Change
  - 53 Street Light Services
  - 3 New Installations
  - 1 Pole Number Service

- 3 Handhole Replacement Services
- 1 Service Pedestal Maintenance
- 23 Traffic Signal Repairs
  - 5 Pedestrian Indicator Repair
  - 3 Power Loss Restorations
  - 5 Signal Repairs
  - 3 Pole Knockdown Repairs
  - 3 Timing Checks
  - Bi-Monthly Inspection
- 4 Facility Service Requests
- 7 Park Facility Service Requests
- 23 Water Pollution Control Facility Service Requests
- 6 Well Site Services (Install/Upgrade, Testing, Data Retrieval, SCADA Modification)
- Received/marked 286 Underground Service Alerts (USA's)

# Environmental Services:

- 4 Green Waste Investigations
- 1 Public Nuisance Investigation
- 1 Storm System Investigation
- 10 Water Conservation Service Requests
  - 7 Metered Consumption Investigations
  - 3 Water Conservation Investigations

# Facilities:

- 15 Repairs to City Hall
- 8 Repairs to Fire Stations 1, 2 & 3
- 18 Repairs to the Library
- 15 Repairs to the Municipal Service Center
- 21 Repairs to the Police Department
- 8 Repairs to the Water Pollution Control Facility

### Fleet:

• 179 Work Order Repairs to 83 different units (vehicles, apparatus & equipment)

### Sewer:

- 24 Sewer Cleanout Services
  - 13 Preventive Maintenance Services Installation
  - 8 Reactive Maintenance Services Installation
  - 2 Inspections
    - 1 Repair
- 56 Gravity Main Services
  - 44 Preventive Maintenance Service Utilizing the CCTV (Closed Circuit Television)
    - 656 Events
      - o 12,750.0 Linear Feet Inspected
  - 8 Preventive Maintenance service utilizing the HVVC (High Velocity Vacuum Truck)
    - 7,880 Linear Feet Cleaned
    - 1 Sanitary Sewer Overflow (SSO) Event

- Routine Inspections
- Routine Maintenance
- 39 Sewer Lateral Services
  - 10 Service Location Requests
  - 18 Inspections
  - 2 Preventive Maintenance Services utilizing the CCTV
  - 4 Repair Services
  - 2 Lateral Line Replacements
  - 1 Root Control Service
  - 2 Sanitary Sewer Overflow Events
- 9 Manhole Services (flushing & repair)
- Received/marked 286 Underground Service Alerts (USA's)

Signs & Marking:

- 18 Guide Sign Services
  - 16 Routine Maintenance Services
    - 24 Signs
  - 1 Graffiti Removal Services
  - Surveying
- 12 Object Marker Services
  - 11 Routine Maintenance Services
    - 41 Markers
  - Surveying
- 1 Raised Pavement Marker Service
  - 20 Markers
- 50 Regulatory Sign Services
  - 10 Cleaning Services
    - 13 Signs
    - 6 Graffiti Services
      - 6 Signs
    - 3 Installation Services
      - 7 Signs
    - 23 Routine Maintenance Services
      - 87 Signs
    - 2 Knockdown Services
      - 4 Signs
    - Surveying
- 1 Street Marking Service
  - Surveying
- 8 Warning Sign Services

٠

- 1 Cleaning Service
  - 2 Signs
- 2 Graffiti Removal Services
  - 2 Signs
- 4 Routine Maintenance Services
- 1 Knockdown Repair
- 2 Community Billboard Change Out Service
- 2 Banner Service Requests

# Storm Drain:

- 1 Gravity Main Service
  - Inspection
- 4 Gutter Services
  - Cleaning
  - 3 Illicit Discharges
- 2 Inlet Point Services
  - 1 Illicit Discharge
  - 1 Replacement
- 7 Lift Station Services
  - 4 Inspections
  - Debris Grates Cleaned
  - Routine Maintenance
- Open Channel Maintenance/Inspection
- Culvert Inspection
- Routine Maintenance

Streets:

- Road Edge Services
  - Curb & Gutter Spot Repair
    - 16 Square Feet
    - Erosion Control
  - Weed Abatement
- Sidewalk Path Services
  - Spot Repair
- 20 Road Services
  - Emergency Response
  - Pot Hole Patching
    - 946 Pot Holes Patched
  - Surveying
  - Traffic Control
  - Trash & Debris Clean-Up
  - Weed Abatement
- Sound Wall Services
  - 2 Graffiti Removal Services

# Urban Forestry:

- 4 Tree Abatements
- 5 Hazardous Situation Responses
- Merit Injections
- 5 Tree Plantings
- 13 Tree Prunings
- 11 Trees Removed
- Small Tree Care
- Right of Way Clearing
- Stump Grinding

#### Water:

• Produced 215,773,160 gallons of drinking water in January

- Received/marked 286 Underground Service Alerts (USA's)
- 3 Backflow Investigations
- 17 Control Valve Services (exercise, locate, repair, replace, water turn off/on)
- 15 Hydrant Services
  - 2 Flushing Services
  - 6 Maintenance Services
  - 4 Repair Services
  - 3 Hydrants Replaced
- 3 Lateral Line Services
  - 1 Repair Service
  - 2 Lateral Lines Replaced
- 70 Lateral Valve Services
  - 1 Valve Abandoned
  - 1 New Service Valve Box Installation
  - 19 Leak Detection Services
  - 31 Locate Services
  - 1 Relocate Service Request
  - 9 Water On/Off Services (Finance, Contractor, Homeowner Request)
  - 4 Repair/Replace Service Valve Service
  - Water Quality Issue
- 39 Meter Services
  - 15 Meter Investigations
  - 19 Meter Repairs
  - 3 Meter Maintenance Services
  - 1 Meter Replacement
- 27 Pressurized Main Services
- 70 Production Well Services
  - 19 Inspections
  - 40 Maintenance Services
  - Sampling
  - No3 Monitoring
  - Disinfection Procedures
  - Security Services

# **Environmental Services**

Solid waste/recycling:

- Monitored C&D debris recycling for 30 active projects. Closed out 5, two of which were non-compliant with ordinance and forfeited deposits.
- Initiated planning process for old Woodland Landfill regulatory closure.
- Participated in CalRecycle training workshops on Paint Stewardship and Proposed Mandatory Commercial Recycling Regulation.

Green waste:

- Issued 22 green waste violation door hangers, and conducted 3 code compliance follow-ups for illegal piles.
- Processed 1 composter rebate.

Water conservation:

- Conducted 4 code compliance investigations into water leaks/waste causing public nuisance.
- Provided on-site troubleshooting assistance at 7 residences with excessive metered water use.
- Attended Sacramento Valley Nursery & Landscape and California Irrigation Institute Conference workshops.

Stormwater:

- Coordinated stormwater pollution prevention plan (SWPPP) inspections for 8 active construction sites and 4 inactive sites and issued violation notice for construction site non-compliance with SWPPP.
- Issued 3 code compliance warnings for dirt pile placed in street and illicit discharges into storm drain system.

# Water Pollution Control Facility

Laboratory

- Collected samples and performed over 300 process control and National Pollutant Discharge Elimination System (NPDES) permit compliance tests for the wastewater treatment plant.
- Collected monthly influent, effluent and receiving water monitoring samples; submitted to contract laboratories.
- Collected samples and performed 45 tests on treatment plant storage ponds.
- Collected/tested numerous additional samples and worked closely with Operations to troubleshoot and resolve issues with the UV disinfection system.
- Kept Regional Board staff up to date on our efforts to resolve issues with UV disinfection system.
- Conferred with contractor regarding WIMS data management system, reviewed database.
- Prepared monthly Discharge Monitoring Reports and electronic Self-Monitoring Reports; submitted to the Regional Water Quality Control Board (RWQCB).
- Met with Regional Board staff regarding our request for a TSO for selenium. Prepared and submitted additional supporting documentation.
- Met with Yolo-Solano Air Quality Management District regarding an NOV (for odors off of the North Ponds) received in September 2010. Prepared and submitted a written response to NOV.
- Collected samples and performed 150 regulatory compliance tests for potable water.

Pretreatment

- Inspections
  - Auto Related Businesses 25
  - Food Service Business 5
- Plan review for Building/CDD 1
- Permit applications or permits 3
- Public education & outreach visits 29
  - Including 1 TV news spot on the FOG recycle event
- Call-outs for spills/illicit discharges 2
  - Issued an NOV for discharge to Storm System

- Reviewed 3 SIU self-monitoring reports
- Local Limits Sampling 1 week of staff time
- Prepared draft version of Annual Pretreatment Report
- Development Review Committee meeting
- Monthly staff meeting/safety tailgate
- WPCF Safety Committee meeting
- Yolo DA's office Environmental Task Force meeting

### **Utility Engineering**

		Deleled for t	adiantes now information
			nuicales new information
The initials enclosed in ()'s denotes the lead PW staff on the project.			
<ul><li>(DB) Doug Baxter, Principal Civil Engine</li><li>(AO) Akin Okupe, Senior Civil Engineer</li><li>(MS) Mark Severeid,</li></ul>		Engineer gineer	(MC) Mark Cocke, Senior Civil Engineer (CO) Clara Olmedo, Associate Civil Engineer
Project: Status:	<u>Yolo Bypass/City Storm Flows</u> (MC) The information was sent in for publication in the Federal Register on January 7, 2011. The expected publication date is expected to be in mid March, 2011. This will start the formal 90 day Appeal Process for the PMR. After the appeal process is finished in mid June, 2011 assuming the mid March publication, the map will be finalized, publication in the Federal Register will be done, and the map will become effective 90 days after publication of the map in the Federal register.		
What's Next:	Waiting for pu Register.	blication of t	he PMR notification in the Federal
Project: Status:	Wastewater Tre In February 200 The new permit source water su studies that will Sportfishing Pro NPDES to the S to hold the NPE immediate impa limits imposed requested a co Board will hold	eatment Plant D9 the final NF t requires the upply. It also substantially otection Allian State Water B DES in abeyar act on the perion: Oil and Gr mplete rewrite a hearing to n	<u>(NPDES Permit (5 Year Renewal)</u> (MS/DB) PDES permit was issued by the RWQCB. City of Woodland to move to an improved requires significantly more testing and increase operating costs. The California ce (CSPA) has petitioned the adopted oard and requested the State Water Board nee for an unspecified period of time. The mit is unclear at this time. But CSPA wants rease, and Settleable Solids. CSPA has also of the NPDES permit. The State Water nake a decision at some point in the future.

On April 12, 2010, Mayor Skip Davies, Councilmember Bill Marble, City Staff and City's permit writing consultant Dan Rich met with senior staff from the Regional Water Quality Control Board (RWQCB). The purpose of this City requested meeting was to verify that boron, salt and selenium

final limits will be in our waste discharge permit, and that these limits will cause the City to move to an improved water quality supply or other substantially more expensive treatment processes. We discussed all the conceivable alternatives and why improving our water quality supply is the least costly viable option. RWQCB made it clear that boron, salt and selenium final limits will be in our permit. RWQCB also said that they would enforce these limits with fines to eliminate all incentives to delay moving forward and that fines could be as high as \$10 per gallon per day of wastewater not in compliance (at current flows the fines would be up to \$60,000,000 per day). Under our current permit each year we have to submit compliance reports on moving to an improved source water supply. If we delay for example 2 years and saved \$11,000,000 in interest, the fines would exceed that amount to eliminate any incentive to delay implementation of salt reduction.

In July, staff met again with RWQCB staff to discuss the recent establishment of Selenium discharge limits and the process for requesting a 5 year Time Schedule Order (TSO) for compliance (to place minimum mandatory fines in abeyance) since we're pursuing completion of the surface water project. RWQCB staff cited recent case decisions that now preclude them from issuing a 5 year TSO if the date for coming into compliance is over five years away. The city was told we could resubmit when we're within 5 years of compliance (or approx Jan 2011). Pending that point, Woodland will experience minimum mandatory fines of up to \$12K per month. To date, the WPCF has 4 selenium violations and anticipates getting a Notice of Violation from the RWQCB soon. This will trigger the Mandatory Minimum Penalty stage of the violation process and will continue until the TSO is submitted and adopted by the RWQCB, in the August of 2011.

What's Next: The surface water project will continue to be pursued. Fiscal impacts of the permit will continue to be evaluated. Woodland staff met with the City Attorney to discuss options to the CSPA action. Staff advised the City attorney to meet with the Regional Board, to see if the Board would support a meeting with CSPA and the City. Regional Board said they will not support opening the NPDES discharge permit as a result of any agreements between the City and CSPA. So the City will wait and see if the State Water Board will agree to open the NPDES permit based on CSPA's petition at some later date. The hearing at the State Board could take up to two years before it's heard. Staff is looking into long-term planning options. Wastewater treatment long-term planning is underway.

The City of Woodland and the City of Davis evaluated the feasibility of combining treatment into a regional facility. The City of Davis is pursuing their own treatment facility. Both cities will continue to look for ways to work together when in the mutual interest of both cities. The City of Woodland will be updating the long-term facility plan for the Water Pollution Treatment Facility.

Project: Status:	<u>Flood Protection</u> (MC) <b>The Final Cost Sharing Agreement was presented to the Central</b> <b>Valley Flood Protection Board meeting of February 25, 2011.</b> Then the documents will be sent the Corps District HQ in San Francisco for review and <b>signature</b> .
What's Next:	After Corps District HQ in San Francisco approval in March the Feasibility Study can begin. The Final 2011 budget is still waiting for approval of the FY 2011 Federal Budget for the final appropriation fund amount (\$100,000 or \$500,000). The initial study action will be to seek Corps approval of the hydrology developed for Cache Creek by FloodSafe Yolo. This will allow the Study to explore flood solutions that may involve modification of the Cache Creek Settling Basin.
Project: Status:	Storm Drainage Enterprise Operation (MC) The RCD is developing the plan for the East detention Pond and beginning a control program for management and eradication of invasive non native plants that have begun to occupy the site (tamarisk trees and pepper weed). The vegetation program in Storez Pond and around Fire Station 3 is proceeding well and greened up with the fall rains.
What's Next:	The RCD has developed the site plan using native salt tolerant vegetation, and management of the existing vegetation. Native seed collection has been done and the adapted plant will be grown out over the winter. A draft plan for the East Detention Pond was received in December and is under review. A broad leaf weed control program will be started in March for Storez Pond.
Project: Status:	Surface Water Program (DB) The Woodland-Davis Clean Water Agency (Joint Powers Authority or JPA) is overseeing the Davis-Woodland Water Supply Project. Agency Board meeting times are currently held quarterly. Meeting locations alternate between the Woodland and Davis City Halls. The new project website at wdcwa.com contains the meeting agendas and any notices for variations in meeting schedules or locations. The Agency General Manager is Dr. Eric Mische. The current focus on the project includes finalizing the pending 1994 water rights permit evaluation and selection of a river intake option. The current Agency focus also includes pursuit of Federal and State supplemental funding opportunities, further analysis and development of innovative facility procurement options, and further development and implementation of community outreach and education opportunities.

Summer water purchase, land easements and use of the Sacramento River Intake agreements have been signed. On January 18 and 19th, the State held a hearing on our water rights. **State staff has written a favorable report in support of our water right application.** 

What's Next: State Board has the water right application approval on the agenda for their next meeting scheduled for March 1, 2011. Focus is now on the Design-Build-Operate (DBO) "Request for Qualifications" process and clearing up land acquisition for the intake site and water treatment plant site.

Project: <u>Replace Elevated Storage Tank</u> (DB/AO)

**Status:** The project is 99% complete. Steel structure has been painted.

The tank art work price came substantially higher than anticipated. It is very expensive to add art work painting after the initial paint has fully cured and full remobilization is needed. The existing tank paint is a coating system specially designed to protect the steel structure. This protective paint system must not be damaged or compromised so as to protect the tank structure for decades. The preparation work for any painted art work must be carefully done and monitored to protect the protective coating. If art work is done, consulting services will be needed to write the specification, inspect the work and test the paint thickness to make sure the paint remains adequately thick to protect the steel. These consulting services will cost about \$18,000. Only qualified and experienced painters will be allowed to work on the tank. This is to make sure proper paint and highly technical application techniques are used, the existing coating system is not compromised, and for safety reasons. The paint and process is expensive. The January 2011 estimate from an appropriate painting specialists show cost (cost below includes the \$18,000 noted above) at:

Only the City flag graphics on upper part of tank = 66,000Only baseball numbers at the base of the tank = 47,400Both City flag graphics and base numbers = 74,300

City staff has recommended not doing the supplemental paint work due to the potential for adverse impacts to the existing protective coating system, higher O&M costs, higher future costs of repainting, the very high initial costs, and overall budgetary implications.

What's Next: Tank will be connected to the system once operational systems are in place to control pressures until SCADA system is operational in mid 2011. Tank is on line. Water levels are gradually being increased. This will be the last report on this project as it is on the March 1, 2011 Council Agenda for accepting this completed project.

Project: Status:	Supervisory Control and Data Acquisition (SCADA) (DB/AO) SCADA contract has been awarded to Auburn Constructors and work has commenced. Work should be completed by summer 2011. Ecologic Engineering Inc. is the construction management firm and did an independent review of the design. FCC license has been obtained. Work has proceeded very well and smoothly.		
	The SCADA system and water-meter radio systems are totally separate operating systems. The water-meter radio system collects data via radio signals from the individual water-meters, sends it to a central location where the data is compiled, and then forwarded to our finance department for inclusion in customer's water bills. SCADA, on the other hand, is used to coordinate the functional workings of the City water system; including the storage tank and all 18 of our wells.		
	<ol> <li>SCADA:         <ol> <li>Allows the wells to operate in a coordinated manner so as to keep the tank at a near full condition to improve water pressure throughout the day.</li> <li>Continuously monitor nitrate levels in our pumped groundwater to assure that it meets regulatory water quality standards without fail.</li> <li>Monitors wells for operational readiness and physical condition.</li> <li>Allows for the most efficient wells to be operated most frequently reducing overall pumping costs.</li> </ol> </li> </ol>		
What's New:	Work began September 2010. System should be operational by June 2011.		
Project:	Replace Well 22 and Well 15 (CO/AO/DB)		
Status: What's Next:	Over the years numerous attempts were made to solve the serious but intermittent problem of the wells pumping sand which gets into the distribution system and household plumbing. New well sites have been selected and coordinated with Parks. The new site for well 22 is 100 feet north-north-west of existing well 22 and similar distance north of Well 15. Staff received a technical memo on each well's evaluation. Staff also received a work proposal from Brown and Caldwell. Both wells have been drilled. City staff met with representative of CDPH (California Department of Public Health) who have determined that the City may stay with the upper limit of 1600 for electrical conductivity. Both wells are functional now and water quality testing has been done to allowing them to go on line. Final CDPH clearance and approval is being obtained		

Project: Status:	Backup Power for Wells (CO) Additional backup generating power was needed to 3 wells. Staff received proposals and awarded contract to the lowest responsible bidder. Well 4's fixed base generator has been installed under the Beamer water pipeline and Well 4 rehab work contract.
What's Next:	This work is significantly completed. A portable generator currently sits on the Well 20 site; the other portable generator will stay in the MSC yard in case of an outage at any other wells that were equipped with a storm switch (Well 13,15,18, and 21). <b>The Well 4 generator has been set in place and has been tested</b> .
Project: Status:	<u>Groundwater Monitoring Wells</u> (DB/AO) The location of the monitoring wells is being determined through the Groundwater Management Plan <b>and the Urban Water Management</b> <b>Plan</b> . One well has been installed and water sampling is periodically occurring.
What's Next:	Funding approval is needed. Site selection is under way for future sampling well locations. It is planned that this work will be done in <b>2012</b> depending on the final approved Capital Improvement Plan that is currently under development.
Project: Status:	<u>Groundwater Management Plan</u> (DB/AO) The draft of Groundwater Management Plan has been submitted and is out for public review. It was coordinated with similar work being done by the Yolo County Flood Control and Water Conservation District. Evaluation and writing of the GWMP is underway.
What's Next:	City staff is reviewing comments from the public and making appropriate revisions to the Groundwater Management Plan. This Groundwater Management Plan has been re-noticed to the public for availability to review the revised document. It will be submitted to Council for approval on March 1, 2011.
	We are perusing the 5-year update to the Urban Water Management Plan. There have been changes in State mandates for conservation and several of those items will need to be reflected as new action items in the new Urban Water Management Plan that will be completed this Fiscal Year. We do not have a list of these action items because it is still not determined what needs to be included and how it should be best implemented. We believe that ultimately citywide metering will lead to a significant (15% +/-) water use reduction and this was considered in setting our current rate structure. It was important to consider the conservation use reduction to make accurate predictions of capital and water use operation costs and revenue projections for the water rates.

Conservation is important to both minimize impact to the environment and to keep long-term operational and capital costs as low as possible.

#### Project: <u>Water Focus Study</u> (DB)

**Status:** Hydraulic modeling has been done. The sections of the report dealing with the coordination of the use of wells and surface water supplies are being written. Likewise, the report has been amended to reflect the expected 15% water conservation that should occur with the City being fully metered.

**What's Next:** Additional modeling is being done to determine best location of ground level tanks to blend surface water throughout the city. Water system calibration work was done in September 2010 which will allow the modeling to be more accurate.

Draft of study has been submitted to the City and City staff has commented on this document. Focus Study will be finalized once we get the results from a separate evaluation done on how best to blend and move the surface water throughout the City. This study may affect tank sizing and location. Modeling is also being done to determine the size and location of water transmission lines and tanks for the Surface Water Supply Project. This work is underway.

# Project:

Status:

Meter Implementation Phase 2 (DB/AO) City staff received grant funding to install meters on 10,000 houses in the

City staff received grant funding to install meters on 10,000 houses in the City. Council awarded contract to Teichert Construction, notice to proceed was issued on September 17, 2009. A construction management firm has been selected to manage the project.

Phase 1 metering involved about 5,000 water users and this work was recently completed. It included putting automated meter reading (AMR) equipment on existing meters of businesses as well as homes built post 1991. Phase 1 work is essentially completed. Actual water consumption based billing began for Phase 1 meter users in December 2010.

Phase 2 metering is for installing meters plus AMR on all the remaining 10,000 properties. In addition to installing water meters, many water service lines from water mains will need to be replaced due to their poor condition. Funding is provided by federal stimulus fund of \$14.8M (half low interest loan and half grant) plus \$2.3M in City Water Enterprise Funds. Staff successfully worked with the State to allow City share to be used last and not first which is normal and was previously required. Project is **75**% complete; staff attended training session with CDPH on claim reporting. Staff hopes to both completed the work and keep most of the cost within the federal stimulus fund so as to minimize the

utilization of the \$2.3M in City Water Enterprise Funds. Staff has completed the modification work that was needed on some of the older meter registers so more accurate data can be obtained to help homeowners with determining if they have leaks in their water plumbing system. By summer 2011 Phase 2 meters should be installed, except possibly for a few condominium and parks that may take a little bit longer.

What's Next: Staff will also submit quarterly report as indicated in the funding agreement to CDPH. Staff is continuing to work with the State to obtain grant/loan reimbursement funding checks for costs incurred for construction and staff time.

#### Project: Well #1 Replacement (CO)

Status: The new Yolo County Courthouse project will displace the existing location of Well #1. Construction of a new well to replace existing Well 1 will need to be completed prior to construction of the new courthouse that is scheduled to begin December 2011. The new site for the new well location has been selected to be in the northeast area of Freeman Park in an area of minimal impact to the area normally used by park visitors. West Yost has completed design for the well drilling. The well drilling portion of the project will be out for bids by early March 2011.

**What's Next:** Funding of this project is still under negotiations between Redevelopment and by the State who will partly fund well replacement Design and construction must proceed to meet the new courthouse schedule for their groundbreaking ceremony scheduled for March 2012.

Project:First New Ground Level Tank and Booster Pump Station (AO/DB)Status:The City has a deficit in water storage and about 6,000 gallon per minute<br/>deficit in water pumping capacity. This project will significantly reduce<br/>these problems.

What's Next: Water modeling has been done to confirm the best location for the tank to address hydraulic deficiencies and to optimize the distribution of the higher quality water that will result from the surface water supply project. The project will be located at the west end of David Douglass Park. Letters will be going out to residences located within 300 feet of the tank site as well as those adjacent to the park to invite them to a public meeting. The meeting is scheduled for March 16<sup>th</sup> at the Community Center. CEQA process is underway.

Project: East Street to Pioneer 36" Water Main (MC/CO)

- **Status:** City is coordinating with four Spring Lake area developers to install a 36" water main instead of constructing a 12 inch water main that was part their obligation to front their developments in order for the City to save money and to meet the needs of the surface water project. The contract has been signed for Brown and Caldwell to perform design services for pipeline.
- **What's Next:** Brown and Caldwell is obtaining topography, planned improvements, and road/RW alignments for the proposed pipeline route to minimize changes to the other proposed infrastructure.