



City of Woodland

REPORT TO MAYOR AND CITY COUNCIL

AGENDA ITEM

**TO: THE HONORABLE MAYOR
AND CITY COUNCIL**

DATE: November 18, 2008

SUBJECT: Public Works Monthly Status Report

Report in Brief

The attached Monthly Status Report presents “What’s Next” on various Public Works projects that may be of Council interest. The project listing can be adjusted to best suit Council needs. If you would like projects added or desire clarification, please contact the Public Works Director or the City Manager.

Staff is available to address any questions Council may have.

Highlights

- Work started at the WPCF to install the Chemical Storage Facility. This work should be completed by April 2009.

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Public Works Director

Mark G. Deven
City Manager

Attachments: Public Works Monthly Status Report for November 2008



**PUBLIC WORKS MONTHLY STATUS REPORT
NOVEMBER 2008 (CHANGES IN BOLD)**

BELL RINGERS (Significant Issues/Work Completed)
<ul style="list-style-type: none"> • Work started at the WPCF to install the Chemical Storage Facility. This work should be completed by April 2009. MH

PENDING ISSUES		
ISSUE	STATUS	WHAT'S NEXT
1. Yolo Bypass/City Storm Flows (DB)	<ul style="list-style-type: none"> ■ Congress has passed WRDA this year, to restore our outfall channel capacity of 1,345 cfs. This will need to be changed to reflect current requirements for 1,575 cfs. (City development fee cost.) 	<ul style="list-style-type: none"> ■ Meet with COE on steps for federal funding of initial study work. This will likely get rolled into the Flood Pilot program, i.e. coordinated with overall solutions options for the Settling Basin as it impacts Cache Creek flooding and City storm drain requirements. We are working with FloodSafe Yolo on this and the Cache Creek Settling Basin proposed modifications. 8/5/08 – Funding for Cache Creek initial study of \$200,000 in the 2009 funding package. MC
2. Wastewater Treatment Plant/NPDES Permit (DB/MH)	<ul style="list-style-type: none"> ■ Received Regional Water Quality Control Board (RWQCB) comments on the UCD site-specific study on EC, Boron and Fluoride on March 13, 2008 	<ul style="list-style-type: none"> ■ 10/27/08 - Met with Larry Walker and Associates. Drafted a response letter, with revised EC levels proposed at 1,100. Letter has been put in the final draft form. I will submit the letter after the new NPDES permit is adopted in late January 2009. MH ■ 7/11/08 - A response/challenge is being prepared to the 700/700 limit noted above. DB
3. Flood Protection (MC)	<ul style="list-style-type: none"> ■ Flood Advisory Committee will be updated on findings and District will initiate appropriate public outreach on findings/next steps. Working with FloodSafe Yolo on public outreach plan. ■ City Manager received tour of Cache Creek flood plain/watershed with Tim O'Halloran early January 2008, to see system operating during heavy runoff. ■ Monthly FloodSafe Yolo County staff meetings. ■ 7/8/08 - Produced draft flood maps for present FEMA flows and for proposed 1 percent event. MC 	<ul style="list-style-type: none"> ■ Flood District and FloodSafe Yolo plan a 2x2x2 for 11/13/08. MC ■ Resolve the plan for updating the flood plain maps, based on pending certification process for the levees (working with DWR, COE and FEMA) two meetings were held in the last two months. 7/8/08 - Going to contract with Wood Rogers to finalize the hydrology through FloodSafe Yolo. MC ■ Preliminary results of FEMA levee certification show no certified levees west of the Yolo Bypass (including the west Yolo Bypass

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		levees). MC
4. Storm Drainage Enterprise Operation (MC)	<ul style="list-style-type: none"> ■ Storm Drain system inspections/project requirement definition in progress. ■ Capital budget request submitted for FY08/09. ■ 8/5/08 - Demolition work finished at Dubach Park. MC 	<ul style="list-style-type: none"> ■ 10/28/08 - Storz Pond planting scheduled. MC ■ 7/8/08 - There is a need to formalize a repayment plan for internal Storm Drain Enterprise debt. MC ■ Strategize future stormdrain funding alternatives. ■ 8/12/08 - Weed removal is being done using probation crews. MC
5. Odor control at PCP facility (MH)	<ul style="list-style-type: none"> ■ City Lab offered to test PCP's COD samples to prepare BOD projections during the tomato season. This will help BOD distribution at <100 lbs/acre and aid odor control at the Ranch. 	<ul style="list-style-type: none"> ■ 7/8/08 - PCP resurfaced their fields to promote better drainage, which should significantly reduce odors. ■ WPCF staff will monitor and log the PCP farm and surrounding areas daily, for odors. MH ■ 9/08/08PCP are past the half way point in the harvest season. So far everything has gone as planned and no odor complaints. MH ■ 10/27/08- PCP wrapped up their season last week. There were a couple of odor issues that came up during the last two weeks. These will be addressed at the post season meeting in the first week of November 10th. MH
6. Surface Water Program (DB)	<ul style="list-style-type: none"> ■ Council reaffirmed support at workshop October 23rd. ■ CEQA/NEPA certified in 2007. Rate impacts are being developed for the project; the study will provide information to identify split between development and existing users. ■ 7/11/08. Several meetings have occurred to resolve two remaining challenges to our water right application. ■ 8/12/08 - Regional Board has indicated in the upcoming sewer discharge permit that the limits for EC, boron and selenium will require improved water quality that will require us to use Sacramento River water. DB ■ 11/03/08- No change. AO 	<ul style="list-style-type: none"> ■ Public education plan being developed. Will coordinate with Infrastructure Committee. ■ Council/community decision on whether to commit to the project (ultimately \$127 million in capital costs through 2016). ■ Governance structure for the facility will need to be developed. ■ 7/8/08 - Meetings have occurred and will continue to resolve the two remaining protests to our water right application. ■ 8/12/08 - Meetings continue. ■ 10/3/08 – Council has approved the project to meet the requirements of our NPDES permit. DB ■ 11/03/08 - No change. AO
7. Meter implementation plan (DB/AO)	<ul style="list-style-type: none"> ■ City staff received a draft implementation plan from the consultant. City staff also completed the GPS survey for the meters to be 	<ul style="list-style-type: none"> ■ Positions approved in 08 budget to start meter plan development. ■ Rates will have to be adjusted, likely in 2008/9, for the retrofit program, and necessary well

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	<p>included in the implementation plan.</p> <ul style="list-style-type: none"> ■ 7/11/08 Staff Report sent to Council to authorize going out to bid at 7/15/08 Council Mtg. ■ 8/12/08 - Final bid documents are being prepared. DB ■ 11/03/08-Staff received final bid documents. AO 	<p>replacements.</p> <ul style="list-style-type: none"> ■ Staff held a public workshop with citizens on the propose tank site ■ Completed radio survey. DB ■ Staff to coordinate meetings with Fire Chief, IT and finance. ■ 8/12/08 - No change. DB ■ 11/03/08 – Project will be advertised for bidding. AO
8. Replace Elevated Storage Tank (DB)	<ul style="list-style-type: none"> ■ 7/11/08. Presentations have been made to City Council, Parks and Planning Commissions and at a neighborhood public meeting. CDD is completing CEQA. DB ■ 8/12/08 - Design is underway. DB ■ 11/3/08- Staff received draft bid documents. AO 	<ul style="list-style-type: none"> ■ 7/11/08. Design is proceeding based on the Pedosphere tank style. Bidding likely in 9/08. DB. ■ Armory Demolition Meeting set for 8/14/08 with bid opening set for 8/26/08. Armory building removed in September 08. DB ■ 8/12/08 - Out to bid fall 2008. ■ 11/3/08 - Project will be advertised for bidding in mid-November. AO
9. Well 25 (DB/AO)	<ul style="list-style-type: none"> ■ 7/11/08. Preliminary site layout design has been completed. Monitoring wells has been drilled to evaluate water quality at six different depths due to concerns over nitrate concentrations. ■ 8/12/08 - Groundwater sampling is being done. DB ■ 11/3/08- Staff awaiting sampling results. AO 	<ul style="list-style-type: none"> ■ 7/11/08. Water samples have been taken and more samples will be taken to evaluate water quality before design goes any farther. ■ 8/12/08 – No change. ■ 10/3/08 - More sampling is being done. DB ■ 11/3/08 - No change. AO
10. SCADA (DB/AO)	<ul style="list-style-type: none"> ■ 7/11/08. Supervisory Control and Data Acquisition (SCADA) for water facilities is being designed. DB ■ 8/12/08 - Draft of pre-design report has been received and is being reviewed. DB ■ 11/3/08-Staff to meet staff of the City of Windsor for clearance of FCC License. AO. 	<ul style="list-style-type: none"> ■ 7/11/08. Complete design work. Goal is to be operational by end of 2009. DB ■ 8/12/08 - No change. DB ■ 11/3/08 - No change. AO
11. Replace Well 22 (DB/CO)	<ul style="list-style-type: none"> ■ 7/11/08. Numerous attempts have been made to solve the serious but intermittent problem of the well pumping sand which gets into the distribution system and household plumbing. ■ 8/12/08 - New well site has been selected by PW and is being coordinated with Parks. Site is 100 feet NNW of existing well. DB ■ 11/3/08- Staff received tech-memo on well evaluation. AO 	<ul style="list-style-type: none"> ■ 7/11/08. Controls are being reset to allow the well only to come on line if there is and emergency or very low pressures occurring. A pre-design report will be prepared to drill a replacement well and use existing above ground facilities, i.e. generator, transformer, etc. DB ■ 8/12/08 - No change. DB ■ 11/3/08 - No change. AO
12. Backup Power for	<ul style="list-style-type: none"> ■ 7/11/08. Additional backup generating power will be added to at least 3 wells. 	<ul style="list-style-type: none"> ■ 7/11/08. Operations staff is evaluating electrical wiring. Design

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Wells(DB/CO)	<p>Some wells with direct drive (not automatic) may also receive generators. Plan is to have generators online by 12/08.</p> <ul style="list-style-type: none"> ■ 8/12/08 Design is underway. DB ■ 11/3/08- Staff completed bid documents for the purchase contract. 	<p>work is underway. DB</p> <ul style="list-style-type: none"> ■ 8/12/08 - No change. DB ■ 11/3/08- Staff to advertise the purchase contract by 11/10/08. Staff to meet internally to agree on the proposed layout of the generator site. AO
13. Groundwater Monitoring Wells (DB/AO)	<ul style="list-style-type: none"> ■ 7/11/08. The location of the monitoring wells is being determined through the Groundwater Management Plan. ■ 8/12/08 - One well has been installed and water sampling is occurring. DB ■ 11/3/08- No change 	<ul style="list-style-type: none"> ■ 7/11/08. Site selection is underway. DB ■ 8/12/08 - No change. DB ■ 11/3/08 - No change. AO
14. Groundwater Management Plan (DB/AO)	<ul style="list-style-type: none"> ■ 7/11/08. Groundwater Management Plan is being coordinated with similar work being done by the Yolo County Flood Control and Water Conservation District. ■ 8/12/08 Evaluation and writing of the GWMP is underway. DB ■ 11/3/08- Staff had meeting with consultant on coordination with Yolo County staff.AO 	<ul style="list-style-type: none"> ■ 7/11/08. GWMP Study is underway. DB ■ 8/12/08 No change. DB ■ 11/3/08 - Consultant to broaden work scope to be financed by grant money from Yolo County. AO
15. Water Focus Study (DB)	<ul style="list-style-type: none"> ■ 7/8/08 - Hydraulic modeling is occurring. Draft of study should be available by this summer. ■ 8/12/08 - About 70% complete DB ■ 11/03/08- About 80% complete AO 	<ul style="list-style-type: none"> ■ 7/8/08 - Study will identify and prioritize well replacement and determine location and sizing of water storage tanks. ■ 10/3/08 - Planning for Sacramento River water will occur. DB ■ 8/12/08 - No change. DB ■ 11/3/08 - Consultant to develop CIP list to be incorporated in the water rate study. AO