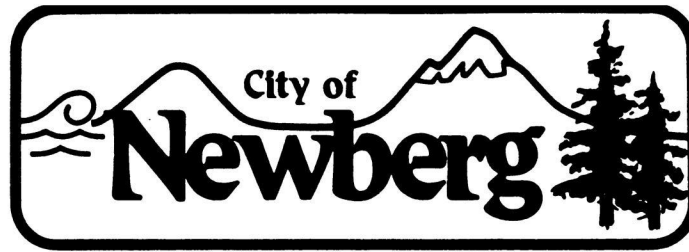


City Manager
(503) 538-9421

City Attorney
(503) 537-1206



414 East First St.
PO Box 970
Newberg, OR 97132

**CITY OF NEWBERG
CITY COUNCIL WORK SESSION
SEPTEMBER 24TH, 2007
7:00 P.M.**

NEWBERG PUBLIC SAFETY BUILDING

THE CITY COUNCIL OF THE CITY OF NEWBERG WILL HOLD A WORK SESSION TO HEAR A PRESENTATION FROM CITY OF DUNDEE ON THE DUNDEE WASTEWATER FACILITY PLAN AMENDMENT - PUMP TO NEWBERG OPTION.

NO ACTION WILL BE TAKEN ON THE AGENDA ITEMS AND NO ORAL OR WRITTEN PUBLIC TESTIMONY WILL BE HEARD OR RECEIVED.

THE WORK SESSION WILL BE HELD IN THE NEWBERG PUBLIC SAFETY BUILDING BEGINNING AT 7:00 P.M.

DATED THIS 14TH DAY OF SEPTEMBER, 2007.

JAMES H. BENNETT
CITY MANAGER

ACCOMMODATION OF PHYSICAL IMPAIRMENTS:

In order to accommodate persons with physical impairments, please notify the City Manager's office of any special physical or language accommodations you may need as far in advance of the meeting as possible and no later than 48 hours prior to the meeting. To request these arrangements, please contact Norma Alley, City Recorder, at (503) 537-1283. For TTY service please call (503) 554-7793.

● CITY MANAGER'S OFFICE: e-mail: nctymgr@ci.newberg.or.us Fax: 537-5013 ●
Building: 537-1240 ● Public Works: 537-1273 ● Finance: 538-9421 ● Fire: 537-1230
Library: 538-7323 ● Municipal Court: 537-1203 ● Police: 538-8321 ● Maintenance: 537-1234 ● Utilities: 537-1205
Municipal Court Fax: 538-5393 ● Public Works Fax: 537-1277 ● Library Fax: 538-9720

"Working Together For A Better Community-Serious About Service"

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**WASTEWATER FACILITY PLAN AMENDMENT
CITY OF DUNDEE**

**NEWBERG CITY COUNCIL WORKSHOP
PRESENTATION**

September 24, 7:00 pm, City of Newberg

Dundee Facility Plan Overview:

- Completed September 2004
- Population and wastewater projections (Attached)
- Alternatives studied for wastewater management:
 - Aerated lagoon treatment process
 - Activated sludge treatment process – SBR
 - Convey wastewater to City of Newberg facilities
- Recommended Improvements Plan – Activated sludge treatment process using sequencing batch reactor (SBR) technology and converting lagoons into treated water storage and facultative sludge lagoons, with winter discharge to Willamette River and summer discharge by land application.

Newberg Alternative (from 2004 Study):

- The treatment of Dundee wastewater at the City of Newberg treatment facility
- Pump station and force main to convey wastewater directly to the Newberg facility, by-passing Newberg's collection system.
- Cost estimate for this alternative included a connection fee (SDC) and monthly average sewer rate for treatment from the City of Newberg
 - Connection Fee (SDC) = 1,075 EDUs at \$540/EDU = \$580,500
 - Monthly Service Fee = 1,075 EDUs at \$14.08/EDU = \$15,136/month

Dundee's Current Status:

- Shortage of available Level III land application sites
- Significant increase in project cost due to market conditions
- Interest in providing compatible industrial treatment at POTW
- 2004 Facility Plan is being amended to address these issues

Scope of Facility Plan Amendment:

- Re-evaluate primary alternatives with and without industrial treatment:
 - Secondary treatment (SBR) with irrigation of Level III effluent
 - Advanced treatment (SBR/filtration) with re-use of Level IV effluent
 - Convey wastewater to City of Newberg facilities and participate in facility expansion to accommodate increased load

Cost Information Needed for Newberg Alternative:

- Determine improvements needed at Newberg WWTP to accommodate Dundee, based on just-published treatment plant WWFP.
- Update immediate and future costs to Dundee for participating in Newberg WWTP improvements and expansions
 - Newberg Phase 1 Cost = \$31,383,100
 - Newberg Phase 2 Cost = \$23,588,800
 - Need to determine Dundee share and cost of improvements
- Update annual projected service fee for Dundee customers based on current projected monthly fee for treatment at Newberg WWTP.

Other Intergovernmental Considerations for Newberg Alternative:

- Develop cost share methodology for capital improvements.
- Determine preference for intergovernmental arrangement between Newberg and Dundee:
 - Dundee as wholesale customer (with representation on Newberg rate review committee?)
 - Formation of wastewater treatment agency with Newberg and Dundee as co-owners.
- Determine financing arrangements for capital improvements:
 - As wholesale customer, Dundee cannot issue bonds for Newberg facility improvements.
 - As member of treatment agency, Dundee can issue bonds for the portion of the facility they own.
- Agreement terms – length of agreement, renewal terms, rate calculation methodology, etc.

**City of Dundee
 Projected Future Influent Wastewater Flows
 From City of Dundee Wastewater Facility Plan (2004)**

Flow Parameter (mgd)	2000	2010	2020	Build-Out
AAF:	0.35	0.52	0.78	0.86
ADWF:	0.23	0.34	0.51	0.57
MMDWF₁₀:	0.26	0.39	0.58	0.63
AWWF:	0.42	0.76	1.16	1.34
MMWWF₅:	0.72	1.15	1.55	1.75
PDF₅:	1.65	2.10	2.67	2.91
PIF₅:	2.55	3.08	3.78	4.19

**Projected Future Population and Influent Loadings
 From City of Dundee Wastewater Facility Plan (2004)**

Parameter	2000	2010	2020	Build-Out
Population	2,598	3,865	5,744	6,351
BOD₅, lbs/day (0.37 lbs/cap/d)	956	1,430	2,120	2,350
TSS, lbs/day (0.31 lbs/cap/d)	796	1,200	1,780	1,970