

PUBLIC WORKS DEPARTMENT
MEMORANDUM # 2010 - 46

DATE: September 23, 2010
TO: Honorable Mayor Joyce Downing and City Council Members
FROM: William A. Simmons, City Manager *WAS*
David H. Willett, Director of Public Works *DHW*
Amy L. Ward, Civil Engineer II *AW*
SUBJECT: Wastewater Utility Plan Update
Authorization to Submit to Regulatory and Planning Organizations

BACKGROUND

On June 11, 2009, City Council approved CR- 67 that executed a Professional Service Agreement between the City of Northglenn and HDR Engineering, Inc. to update the Wastewater Treatment Plant Utility Plan (Utility Plan). City staff received the Utility Plan from HDR Consulting and has made a copy of the document available for review in the City Council Office. The Utility Plan is an essential document, which incorporates all current information that directly impacts the wastewater treatment system. The Utility Plan will function as a planning tool for the Wastewater Treatment Plant (WWTP) by identifying:

- Capacity thresholds that trigger the requirement for future expansions
- Develop capital improvement projects to minimize operational costs
- Ensure future regulatory compliance
- Establish implementation priorities
- Develop cost estimates for the recommended improvements
- Identify potential funding sources for capital improvements

RECOMENDATION

City staff recommends submittal of the Wastewater Utility Plan Update to the following three organizations: Colorado Department of Public Health and Environment (CDPHE), North Front Range Water Quality Planning Association (NFRWQPA), and Denver Regional Council of Governments (DRCOG) for their review/comment, and approval.

Note that CDPHE is our regulatory authority, and the developed portion of the City and the WWTP are situated in two planning jurisdictions – Denver Regional Council of Governments (DRCOG) and North Front Range Water Quality Planning Association (NFRWQPA), respectively.

Proposed Steps:

1. Staff will submit the Utility Plan to CDPHE, DRCOG, and NFRWQPA.
2. Staff and HDR Engineering will address comments and make any necessary revisions to finalize the Utility Plan for final approval from the three organizations.
3. Receive DRCOG, NFRWQPA, and CDPHE final approval of the Utility Plan.

Utility Plans are typically updated every 5 -10 years and are crucial for adhering to Colorado Water Quality Control Act. Utility Plans are a long range comprehensive planning tool that assist the City in complying with current regulations by indentifying future discharge requirements and water usage projections, and then incorporating those forecasts into future capital improvement projects.

STAFF REFERENCE

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