



COUNTYWIDE FACILITIES PLAN OVERVIEW

Oldham County Sewer District

Facilities Plan Goals

- ◆ Develop a comprehensive wastewater master plan to serve OCSD's 20-year needs in a cost-effective, environmentally sound manner.
- ◆ Eliminate package wastewater treatment plants (WWTP).
- ◆ Pursue regional solutions.
- ◆ Provide flexibility to serve existing and future needs.
- ◆ Solicit stakeholder input.
- ◆ Obtain grants and low-interest loans to minimize financial impact on OCSD customers.

Project Status

- ◆ Background information/existing facilities inventory - complete
- ◆ Population and flow projections - complete
- ◆ Service area delineation - complete
- ◆ Currently developing and evaluating alternatives.
- ◆ Seeking public input.

Project Schedule

- ◆ Complete Facilities Plan during September 2006.
- ◆ Submit to Kentucky Division of Water by October 1, 2006.
- ◆ Conduct formal public hearing during October 2006.

Population Projections

Service Area	2000	2005	2010	2015	2020	2025
◆ Kentucky State Reformatory (KSR)						
- OCSD	10,145	11,733	14,463	16,144	17,931	19,856
- LaGrange Utilities Com.	8,301	9,551	11,321	12,769	14,210	15,658
◆ Ohio River WWTP	6,889	8,598	10,916	12,827	14,750	16,647
◆ South Floyds Fork	5,784	6,239	6,754	7,183	7,619	8,045
◆ Crestwood	8,209	9,555	11,243	12,605	14,002	15,389
◆ Remainder of County	6,857	7,653	8,406	9,602	10,471	11,357
TOTALS	46,185	53,329	63,103	71,130	78,983	86,952

Wastewater Flow Projections (Gallons Per Day)

Service Area	2000	2005	2010	2015	2020	2025
◆ KSR						
- OCSD	1,319,700	1,478,550	1,836,500	2,089,650	2,352,050	2,629,740
- LaGrange Utilities Com.	1,223,500	1,348,500	1,857,600	2,334,400	2,809,950	3,284,300
- Total	2,543,200	2,827,050	3,694,100	4,424,050	5,162,000	5,914,040
◆ Ohio River WWTP	688,900	859,800	1,091,600	1,282,700	1,475,000	1,667,400
◆ South Floyds Fork	621,735	667,260	718,760	761,685	805,285	847,835
◆ Crestwood	1,293,495	1,549,830	1,749,895	1,809,595	2,105,390	2,361,565
TOTALS	5,147,330	5,903,940	7,254,355	8,278,030	9,547,675	10,790,840



KSR Service Area

- ◆ Largest service area in both area and population.
- ◆ Service area projected to have the largest future growth and development.
- ◆ Considered first priority for plan implementation
- ◆ Five alternatives developed.
- ◆ Estimated capital project costs range from \$54.7 million to \$59.6 million.



Crestwood Service Area

- ◆ Continued implementation of the selected plan from the 2002 Facilities Plan.
- ◆ Primary goal is to eliminate existing WWTPs.
- ◆ Considered second priority for plan implementation
- ◆ Estimated capital project cost is \$1.9 million plus treatment cost at Louisville MSD's Hite Creek WWTP.

Ohio River WWTP Service Area

- ◆ Continued implementation of the selected plan from the 2002 Facilities Plan.
- ◆ Primary goal is to eliminate existing WWTPs and serve growth areas.
- ◆ Considered second priority for plan implementation
- ◆ Estimated capital project cost is \$8.7 million.



South Floyds Fork Service Area

- ◆ Sparsely populated area with septic tanks.
- ◆ Large per capita cost to provide service.
- ◆ Considered third priority for plan implementation
- ◆ Five alternatives developed
- ◆ Estimated capital project costs range from \$4.6 million to \$14.8 million.