

APPENDIX VIII
I/I Program 5-Year
and
15-Year Lookahead

WATERS of Jefferson County
Year Zero

**Watershed Approach To Environmentally
Responsible Stewardship**

A-2 Five Year Plan

FY	MSD ID No	PROJECT NAME	FY 2000 PROJ	FY 2001 PROJ	FY 2002 PROJ	FY 2003 PROJ	FY 2004 PROJ	2005+	Harrods Creek	Goose Creek	Muddy Fork	Middle Fork	South Fork	Ohio River	Mill Creek	Pond Creek	Penn. Run	Cedar Creek	Floyds Fork
1998	95185	BEECHWOOD VILLAGE I&I INVESTIGATION	31																
1998	95236	JEFFERSONTOWN I&I REMEDIATION PH. 1B	78																x
1998	97208	McNEELY LAKE SEWER INVESTIGATION	54																x
1998	97202	POPE LICK SEWER INVESTIGATION	48																x
1998	95187	WOODLAND HILLS I&I REMEDIATION	501																x
1999	96202	ANNUAL I&I REPAIR	20	20	20	20	20												
1999	95189	BEECHWOOD VILLAGE I&I REMEDIATION	400								x								
1999	98289	BUECHEL BRANCH SSES PH. 1	29										x						
1999	95244	HIGH SCHOOL INFLOW SOURCE ID PROG PH. 3	65																
1999	97213	HIKES POINT I&I REMEDIATION PH. I	600	600							x								
1999	98281	JEFFERSONTOWN FLOW MONITORING	6																x
1999	98282	JEFFERSONTOWN HYDRAULIC MODEL	22																x
1999	97209	McNEELY LAKE I&I REMEDIATION PH. I	848																x
1999	98286	MIDDLEFORK SSES PHASE 1A	46								x							x	
1999	98323	OLD CANNONS LANE REMEDIATION	64									x							
1999	98290	ORFM/MUDDY FORK FLOW MONITORING	9							x									
1999	97203	POPE LICK I&I REMEDIATION PH. I	1,491	-															x
1999	98277	WEST COUNTY SSES PH. 1A	82													x		x	
2000	98292	BUECHEL BRANCH REHABILITATION PH. 1	299									x							
2000	98324	BUECHEL BRANCH SSES PH. 2	53										x						
2000	99300	HIGH SCHOOL INFLOW SOURCE ID PROG. FY00	192																
2000	99301	I&I GENERAL SERVICES FY00	617																
2000	95237	JEFFERSONTOWN I&I REMEDIATION PH. 1C	414	254															x
2000	98294	MIDDLE FORK REHABILITATION PH. 1	72									x							
2000	98316	MIDDLE FORK SSES PH. 1B	553									x						x	
2000	97204	POPE LICK I&I REMEDIATION PH. II	161	674															x
2000	99299	PRIVATE PROPERTY DISCONNECTION PROJECT	50																
2000	99392	PROSPECT FLOW MONITORING	80						x	x					x				
2000	98278	WEST COUNTY REHABILITATION PH. 1	405													x			
2000	98284	WEST COUNTY SSES PH. 1B	761													x		x	
2001	98291	BEARGRASS FLOW MONITORING (Prospect)		293	158				x	x									
2001	98321	BEARGRASS HYDRAULIC MODEL (Prospect)		69	37				x	x									
2001	98293	BUECHEL BRANCH REHABILITATION PH. 2		202	109							x							
2001	98325	BUECHEL BRANCH SSES PH. 3		34	19								x						
2001	99302	HIGH SCHOOL INFLOW SOURCE ID PROG. FY01		197															
2001	97214	HIKES POINT I&I REMEDIATION PH. II		559									x						
2001	97215	HIKES POINT I&I REMEDIATION PH. III		730	393								x						
2001	99303	I&I GENERAL SERVICES FY01		403															
2001	95186	JEFFERSONTOWN I&I REMEDIATION PHASE 2		800	587														x
2001	97210	McNEELY LAKE I&I REMEDIATION PH. II		827															x
2001	97211	McNEELY LAKE I&I REMEDIATION PH. III		730	393														x
2001	98295	MIDDLE FORK REHABILITATION PH. 2		302	163							x							
2001	98287	MIDDLE FORK SSES PH. 2		519	279							x							
2001	98288	MUDDY FORK SSES PH. 1		279						x									
2001	97205	POPE LICK I&I REMEDIATION PH. III		800	587														x
2001	98279	WEST COUNTY REHABILITATION PH. 2		442												x			
2001	98274	WEST COUNTY SSES PH. 2		800	602										x				

A-2 Five Year Plan

FY	MSD ID No	PROJECT NAME	FY 2000 PROJ	FY 2001 PROJ	FY 2002 PROJ	FY 2003 PROJ	FY 2004 PROJ	2005+	Harrods Creek	Goose Creek	Muddy Fork	Middle Fork	South Fork	Ohio River	Mill Creek	Pond Creek	Penn. Run	Cedar Creek	Floyds Fork
2002	98296	BEARGRASS REHABILITATION PH. 1(Prospect)			1,000	1,921			x	x				x					
2002	98319	BUECHEL BRANCH REHABILITATION PH. 3			311								x						
2002	98298	CEDAR CREEK FLOW MONITORING			52													x	
2002	98300	CEDAR CREEK HYDRAULIC MODEL			106													x	
2002	99313	HIGH SCHOOL INFLOW SOURCE ID PROG FY02			197														
2002	99314	I&I GENERAL SERVICES FY02			403														
2002	95191	JEFFERSONTOWN I & I REMEDIATION PHASE 3			1,608	866													x
2002	98313	MIDDLE FORK REHABILITATION PH. 3			465							x							
2002	98312	MIDDLE FORK SSES PHASE 3			846							x							
2002	98317	MUDDY FORK REHABILITATION PH. 1			465						x								
2002	98314	MUDDY FORK SSES PH. 2			279						x								
2002	98280	WEST COUNTY REHABILITATION PH. 3			1,864	1,004									x				
2002	98275	WEST COUNTY SSES PH. 3			1,118	602									x				
2003	98297	BEARGRASS REHABILITATION PH. 2				1,899	1,022		x	x					x				
2003	98326	BUECHEL BRANCH REHABILITATION PH. 4				311								x					
2003	98299	CEDAR CREEK SSES				212												x	
2003	98283	FLOYDS FORK FLOW MONITORING				101													x
2003	98285	FLOYDS FORK HYDRAULIC MODEL				106													x
2003	99315	HIGH SCHOOL INFLOW SOURCE ID PROG FY03				197													
2003	99316	I&I GENERAL SERVICES FY03				403													
2003	95194	JEFFERSONTOWN I&I REMEDIATION PH. 4				1,131	609												x
2003	98318	MIDDLE FORK REHABILITATION PH. 4				465						x							
2003	98315	MIDDLE FORK SSES PH. 4				836						x							
2003	98322	MUDDY FORK REHABILITATION PH. 2				465					x								
2003	98320	MUDDY FORK SSES PH. 3				279					x								
2003	98311	WEST COUNTY REHABILITATION PH. 4				1,864	1,004								x				
2003	98310	WEST COUNTY SSES PH. 4				1,118	602								x				
2004	99307	BEARGRASS I/I PROJECTS - FY04					2,947	1,587	x	x					x				
2004	99306	FLOYDS FORK I/I PROJECTS - FY04					454												x
2004	99317	HIGH SCHOOL INFLOW SOURCE ID PROG FY04				197													
2004	99318	I&I GENERAL SERVICES FY04				403													
2004	99305	NORTH COUNTY I/I PROJECTS -FY04				745			x	x	x				x				
2004	99304	POND CREEK I/I PROJECTS - FY04				2,982	1,606												
2005	99309	BEARGRASS I/I PROJECTS -THEREAFTER					7,905		x	x	x								
2005	99310	FLOYDS FORK I/I PROJECTS - THEREAFTER					8,454												x
2005	99308	I/I GENERAL SERVICES - THEREAFTER				6,541													
2005	99311	NORTH COUNTY I/I PROJECTS - THEREAFTER				1,210			x	x	x				x				
2005	99312	POND CREEK I/I PROJECTS - THEREAFTER				6,309										x			
I/I PROGRAM TOTAL:			8,050	9,534	12,060	13,800	10,985	33,611											
Available Construction Total Project Funds:			1,752	6,940	7,945	9,926													
Estimated Available Construction Funds:			1,159	5,899	6,753	8,437													
				536															

		Rehab	\$100	I&I Program 15-Year Lookahead																																					
		FM	\$0.20																																						
		Model	\$100,000																																						
		SSES	\$3.00																																						
				Current MSD 5 Year Plan										MSD 15 Year Plan														Total													
WWTP				1999		2000		2001		2002		2003		2004		2005		2006		2007		2008		2009		2010		2011		2012		2013									
Feet of Pipe	Main	AT	Other AT	Project	Budget	Project	Budget	Project	Budget	Project	Budget	Project	Budget	Project	Budget	Project	Budget	Project	Budget	Project	Budget	Project	Budget	Project	Budget	Project	Budget	Project	Budget	Project	Budget	Project	Budget	Project	Budget						
West County	2,705,400	Pond	Mill Creek	West Co SSES 1A	\$460,837	West Co SSES 1B	\$760,000	West Co SSES 2	\$1,400,000	West Co SSES 3	\$1,700,000	West Co SSES 4	\$1,623,240	West Co SSES 5	\$1,623,240							West Co Post Flow Monitoring	\$541,080																		
								West Co Hydraulic Model	\$100,000																																
								West Co Rehab 1	\$423,000	West Co Rehab 2	\$442,000																														
								McNeely Lake Rehab 1	\$112,936	McNeely Lake Rehab 2	\$827,000	McNeely Lake Rehab 3	\$1,060,000	West Co Rehab 3	\$2,800,000	West Co Rehab 4	\$2,705,400	West Co Rehab 5	\$2,705,400	West Co Rehab 6	\$2,705,400	West Co Rehab 7	\$2,705,400																		
J-town	475,000	Floyds Fork	Et al	Jtown Flow Monitoring	\$130,676																	Jtown Post Flow Monitoring	\$95,000																		
				Jtown Hydraulic Model	\$91,656																																				
						Jtown I&I Rehab 1C	\$668,000	Jtown I&I Rehab 2	\$1,380,000	Jtown Rehab 3	\$2,334,000	Jtown Rehab 4	\$1,642,000																												
Floyds Fork	474,500	Floyds Fork										Floyds Fork Flow Monitoring	\$94,900	Floyds Fork SSES	\$231,300							Floyds Fork Post Flow Monitoring	\$94,900																		
															Floyds Fork Hydraulic Model	\$100,000																									
						Pope Lick Rehab 1	\$1,682,214	Pope Lick Rehab 2	\$1,272,000	Pope Lick Rehab 3	\$1,582,000					Floyds Fork Rehab 1	\$474,500	Floyds Fork Rehab 2	\$474,500	Floyds Fork Rehab 3	\$474,500																				
CSO (Morris Forman)	Total 5,337,975	Beargrass	North County	Middle Fork SSES 1A	\$243,578	Middle Fork SSES 1B	\$616,000	Middle Fork SSES 2	\$798,000	Middle Fork SSES 3	\$798,000	Middle Fork SSES 4	\$789,000	Middle Fork SSES 5	\$789,000																										
								Middle Fork Rehab 2	\$439,000	Middle Fork Rehab 3	\$439,000	Middle Fork Rehab 4	\$439,000	Middle Fork Rehab 5	\$439,000	Middle Fork Rehab 6	\$439,000	Middle Fork Rehab 7	\$439,000																						
						ORFM/Muddy Fork Flow Mon	\$246,023			Muddy Fork SSES 1	\$263,000	Muddy Fork SSES 2	\$263,000	Muddy Fork SSES 3	\$263,392	Muddy Fork SSES 4	\$263,392	Muddy Fork SSES 5	\$263,392						Beargrass Post Flow Monitoring	\$1,067,595															
						Beechwood Village Rehab 1	\$1,191,568			Beargrass Hydraulic Model	\$100,000	Muddy Fork Rehab 1	\$439,000	Muddy Fork Rehab 2	\$439,000	Muddy Fork Rehab 3	\$439,000	Muddy Fork Rehab 4	\$439,000	Muddy Fork Rehab 5	\$439,000																				
						Buechel Branch SSES 1	\$41,160	Buechel Branch SSES 2	\$50,000	Buechel Branch SSES 3	\$50,000																														
						Buechel Branch Rehab 1	\$292,903	Buechel Branch Rehab 2	\$292,903	Buechel Branch Rehab 3	\$293,000	Buechel Branch Rehab 4	\$293,000	Buechel Branch Rehab 5	\$293,000																										
						Old Cannons Lane Rehab 1	\$178,832																																		
		Hikes Point Rehab 1	\$600,000	Hikes Point Rehab 2	\$1,060,000	Hikes Point Rehab 3	\$1,060,000	Beargrass Rehab 1	\$2,756,000	Beargrass Rehab 2	\$2,756,000	Beargrass Rehab 3	\$2,756,000	Beargrass Rehab 4	\$2,756,000	Beargrass Rehab 5	\$2,756,000																								
Cedar Creek	245,000	Floyds Fork	Pond	Cedar Creek Flow Monitoring	\$49,000	Cedar Creek SSES	\$200,000																																		
Hite Creek	510,300	Harrods Creek																																							
High School Program		All		\$147,428	\$185,600	\$185,600	\$185,600	\$185,600	\$185,600	\$185,600	\$185,600	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$2,239,828					
Annual I&I Repair		All		\$100,000	\$177,200	\$177,200	\$177,200	\$177,200	\$177,200	\$177,200	\$177,200	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$2,608,800					
General Services		All		\$470,078	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000	\$5,670,078					
		Total		\$5,570,878	\$8,123,271	\$10,180,703	\$12,684,800	\$11,907,732	\$11,210,892	\$8,378,472	\$8,625,380	\$3,515,055	\$1,600,300	\$1,505,300	\$1,505,300	\$1,505,300	\$1,505,300	\$1,505,300	\$1,505,300	\$1,505,300	\$1,505,300	\$1,505,300	\$1,505,300	\$1,505,300	\$1,505,300	\$1,505,300	\$1,505,300	\$1,505,300	\$1,505,300	\$1,505,300	\$1,505,300	\$1,505,300	\$1,505,300	\$852,060	\$87,430,743						