

## Draft Outline - Integrated Wet Weather Plan

## Volume 1 of 3 - Integrated Wet Weather Plan (WWP)

Chapter	Section	Sub-section 1	Sub-section 2	Integrated Wet Weather Plan Heading	Description
0				<b>Executive Summary</b>	Summarize key items to provide overview of report
1				<b>Introduction</b>	
	1.1			<b>Background</b>	Background of program; how we got to where we are and where we are headed
	1.2			<b>Wet Weather Overflows</b>	Define wet weather overflows - CSO and SSO
	1.3			<b>Governing Laws and Consent Decree</b>	Summary of regulatory and consent decree requirements
	1.4			<b>Wet Weather Document Organization</b>	Brief discussion of report layout, Volume 1 - WWP, Volume 2 - LTCP, Volume 3 - SSDP
2				<b>MSD Vision and Wet Weather Plan Approach</b>	
	2.1			<b>Goals of the Wet Weather Plan</b>	
	2.2			<b>MSD's Vision</b>	
	2.3			<b>Principles of the "Waterway Improvements Now" Program</b>	
	2.4			<b>Watershed Approach</b>	Holistic approach to water quality improvements including source reduction through constructed and behavior modification solutions, partnerships with other Metro agencies, and end of pipe solutions that include both "grey" and "green " infrastructure
		2.4.1		Source Reduction	
			2.4.1.1	Legal Authority	
			2.4.1.2	Legislation	
		2.4.2		Green Infrastructure	
		2.4.3		Constructed Facilities	
	2.5			<b>Community Values</b>	Risk management principles are applied to potential threats to community values as defined by a representative group of community leaders
	2.6			<b>Risk Management</b>	Evaluations consider both the probability of occurrence and the severity of the resulting consequences - reduction in risks is one form of "benefit" used in the benefit/cost analysis
	2.7			<b>Benefit/Cost "Knee of the Curve"</b>	Evaluate alternatives based on benefit/cost ratio, looking for the point of diminishing returns to ensure the proper use of community resources.
	2.8			<b>Measures of Success</b>	Define criteria for establishing whether projects attain the expected results; describe stakeholder values
3				<b>Public Participation and Agency Interaction</b>	
	3.1			<b>Purpose</b>	Define how public and other agencies will or have been involved in the process
		3.1.1		Key Messages	Describes key messages such as value clean water, protect public health, support investment needs, behavioral modification
		3.1.2		Target Audiences	Describes the target audiences including general public, specific groups, and schools
	3.2			<b>Wet Weather Team and the Stakeholder Group</b>	Describes the Wet Weather Team, the make-up of the Stakeholder Group, the identification and weighting of community values. Appends meeting minutes, copies of presentations, idea lists, and all other materials developed during the WWT meetings
	3.3			<b>Public Outreach</b>	Describes the public meetings held throughout the planning process including the general information meetings, three rounds of public input meetings, and other meetings held with community and interest groups relative to the Consent Decree response and the wet weather planning process
		3.3.1		Public Meetings	
		3.3.2		Fairs and Other Public Events	
		3.3.3		Phone Surveys	
	3.4			<b>Public Information and Education</b>	Identifies the various information and education efforts including the development of the message(s), identifying target audiences for each message, and developing specific information and education materials, that will be appended to the plan.
		3.4.1		Approaches	
			3.4.1.1	Newsletters	
			3.4.1.2	Monthly Updates	
			3.4.1.3	Bill Inserts	
			3.4.1.4	Press Releases and Editorials	
			3.4.1.5	Website	
			3.4.1.6	Educational Programs	
	3.5			<b>Public and Regulatory Notification</b>	Describes public notification efforts including permanent CSO and SSO signs, temporary overflow warning signs, email notification of events (public and regulators), web page notification etc.
		3.5.1		Public Notification	
			3.5.1.1	Public Service Announcements	
			3.5.1.2	Odor Hangers	
			3.5.1.3	Warning Signs	
			3.5.1.4	Automated Emails	
			3.5.1.5	Website	
		3.5.2		Regulatory Notification	
			3.5.2.1	Agency Meetings	
			3.5.2.2	Agency Correspondence	
			3.5.2.3	Quarterly and Monthly Reports	
	3.6			<b>Agency Interaction</b>	Describes meetings, correspondence, conference calls, and regular reporting activities with state and federal regulators

**Draft Outline - Integrated Wet Weather Plan**

**Volume 1 of 3 - Integrated Wet Weather Plan (WWP)**

Chapter	Section	Sub-section 1	Sub-section 2	Integrated Wet Weather Plan Heading	Description
	3.7			<b>Public Hearing</b>	Describes the notification of the availability of the Wet Weather Plan for review, the advertising and content of the public hearing, the comments received at the hearing and during the comment period, and the response to comments

## Draft Outline - Integrated Wet Weather Plan

## Volume 1 of 3 - Integrated Wet Weather Plan (WWP)

Chapter	Section	Sub-section 1	Sub-section 2	Integrated Wet Weather Plan Heading	Description
<b>4</b>				<b>Integrated Wet Weather Program</b>	
	4.1			<b>Early Action Projects</b>	Describe completion of the Early Action Projects identified in the Consent Decree
	4.2			<b>Combined Sewer Service Area Improvements</b>	Summarize the project lists developed in Volume 2
	4.3			<b>Sanitary Sewer Service Area Improvements</b>	Summarize the project lists developed in Volume 3
	4.4			<b>Wastewater Treatment Plant Improvements</b>	Provide a consolidated overview of wastewater treatment plant projects required to support the LTCP and SSDP
	4.5			<b>Source Control and Capacity Sustainability Programs</b>	Discussion of the sewer inspection, cleaning and maintenance programs implemented under the CMOM program to reduce I&I, keep sewers flowing at full capacity, and ensure that capacity is available to meet current and future needs. Also will describe MSD's private property I&I reduction approach.
	4.6			<b>Community-Wide Green Infrastructure Initiatives</b>	Discussion of the overall green infrastructure initiative including constructed projects, cooperative efforts with partners, and voluntary and behavior modification approaches to reduce flows and loads.
<b>5</b>				<b>Regulatory Compliance</b>	
	5.1			<b>Meeting Consent Decree Requirements</b>	A "road map" describing the approaches taken to comply with requirements of the Consent Decree, and the location in the Wet Weather Plan of the various elements of compliance.
	5.2			<b>Meeting Water Quality Criteria and CSO Policy Requirements</b>	
		5.2.1		Water quality standards review	Completion of the water quality standards review required by CSO Policy if CSO controls alone cannot consistently achieve established water quality standards.
		5.2.2		Evaluation of approaches to water quality standards compliance	Summary of approved compliance approaches, particularly in EPA Region IV
		5.2.3		Selection of recommended approach to CWA and CSO Policy compliance	
	5.3			<b>Eliminating Unauthorized Discharges from the Sewer System</b>	
		5.2.1		Inventory of approaches and design event standards used by other agencies	Summary of approved design event standard approaches, particularly in EPA Region IV
		5.3.2		Evaluation of design event "knee of the curve"	
		5.3.3		Boundary conditions and role of site-specific cost benefit analysis in developing specific design event standards	
	5.4			<b>Created an Approved CSO LTCP</b>	Road map explaining how the LTCP complies with applicable regulations and guidelines, and should be considered approvable by the regulators
	5.5			<b>Created an Approved SSO SSDP</b>	Road map explaining how the SSDP complies with applicable regulations and guidelines, and should be considered approvable by the regulators
<b>6</b>				<b>Wet Weather Program Implementation</b>	
	6.1			<b>Public Participation and Agency Interaction</b>	Explain how the public and affected agencies are involved in the evaluation of implementation approaches
	6.2			<b>Operational Plan</b>	Program to provide the staff, equipment and facilities needed to implement and sustain the recommendations of the Wet Weather Plan
		6.2.1		Current Operating Budgets	
		6.2.2		Added Operating Resources needed for new facilities constructed under Wet Weather Plan	
		6.2.3		Added operating resources needed due to CMOM and other operating programs	
	6.3			<b>Implementation Schedule</b>	
		6.3.1		Consolidated Project Lists and Milestones	
		6.3.2		Evaluation of Programmatic Value compliance	
		6.3.3		Consideration of other Implementation issues	
		6.3.4		Consolidated Wet Weather Plan Schedule	
	6.4			<b>Financial Plan</b>	
		6.4.1		Capital Funding Options	Evaluation of the various capital funding options such as grants, loans, revenue bonds, or pay-as-you-go funding
		6.4.1.1		Bonds	
		6.4.1.2		Loans	
		6.4.1.3		Grants	
		6.4.1.4		Privatization	
		6.4.1.5		Other Capital Funding Options	
		6.4.2		Annual Funding Options	Annual funding including different types of fees and taxes, such as an ad valorem (i.e. general property) tax levy
		6.4.2		Projected Cash Flow and Revenue Requirements	Consolidation of projected capital and O&M spending, considering the entire Consent Decree response including the Wet Weather Plan, CMOM, and other future funding requirements that impact MSD required revenues
		6.4.3		Affordability Analysis	Evaluation of the impact on projected revenue requirements on the communities ability to pay
		6.4.3.1		Description of Local Economic Conditions	Examination and evaluation of current and future local economic conditions, employing financial indicators listed in USEPA guidance and other information about existing and anticipated economic conditions affecting MSD services area and local communities
		6.4.3.2		Household Burden	Examination and evaluation of burden upon households in MSD service area and local communities

## Draft Outline - Integrated Wet Weather Plan

## Volume 1 of 3 - Integrated Wet Weather Plan (WWP)

Chapter	Section	Sub-section 1	Sub-section 2	Integrated Wet Weather Plan Heading	Description
			6.4.3.3	Local Impacts	Evaluation of the local impact of project and budget scheduling on MSD ratepayers, the MSD service area and local communities
		6.4.4		Rates and Fees	Discussion of the ways MSD can generate revenue, and a discussion of potential rate structures, incentives, subsidies etc. to allow community acceptance of the rate increases needed to support the Wet Weather Plan and other Consent Decree response requirements
		6.4.5		Selection of Financing Method	Description of the proposed financing method and revenue recovery
	<b>6.5</b>			<b>Post-Construction Compliance Monitoring</b>	Discussion of process to determine success of projects
		6.5.1		Project Performance Testing	Procedures established to document constructed project conformance with project requirements
		6.5.2		Short-term Project Monitoring and Certification	Monitoring approach to document the impact of source reduction, green infrastructure, public education and other behavior modification initiatives.
		6.5.3		Sewer System Monitoring	Description of the on-going sewer system monitoring program, including permanently installed monitors, and decision criteria used to determine when temporary monitoring is indicated
		6.5.4		Sewer System Model Updates	Periodic review and recalibration of MSD's integrated hydraulic models to represent the impacts of Wet Weather Plan project progress
		6.5.5		Receiving Water Monitoring	Program to monitor and report on trends in water quality across Jefferson County, including but not limited to the Ohio River and Beargrass Creek.
		6.5.6		Water Quality Model Updates	Periodic review and recalibration of MSD's water quality models for the Ohio River and Beargrass Creek to represent the impacts of Wet Weather Plan project progress
	<b>6.6</b>			<b>Re-Evaluation and Update</b>	Define timing, methodology used to re-evaluate and update CIP based on "real" project results.

**Volume 2 of 3 - Combined Sewer Overflow Long-Term Control Plan (LTCP)**

Chapter	Section	Sub-section 1	Sub-section 2	Combined Sewer Overflow Long-Term Control Plan Heading	Description
0				<b>Executive Summary</b>	Summarize key items to provide overview of report
1				<b>Introduction</b>	
	1.1			<b>Background</b>	Background of program; how we got to where we are and where we are headed
	1.2			<b>History of CSO Control Policy</b>	Very general description, but will be included early in document to provide comfort to regulators that we are proceeding within the policy
	1.3			<b>Key Elements of CSO Control Policy</b>	Brief summary of those key elements relative to the MSD Program
	1.4			<b>Guidance to Support Implementation of the CSO Control Policy</b>	
	1.5			<b>Document Organization</b>	Brief discussion of report layout
	1.6			<b>Long Term Planning Approach Summary</b>	
		1.6.1		Initial Activities	
		1.6.2		Public Participation and Agency Interaction	Discussion of how overall Public Participation and Agency Interaction (described in Vol 1) impacted specific LTCP issues
		1.6.3		Coordination with State Water Quality Standards Authority	Overview of Water Quality Standards Review, future BGC TMDL and possibly the Pat Bradley figure
		1.6.4		Integration of Current CSO Control Efforts	Rely on Section 8 of the Interim CSO LTCP previously prepared
		1.6.5		Watershed Approach to CSO Control Planning	Summarize overall approach to green infrastructure, non-point source controls, separating upstream SSS from the CSS as part of SSDP to make room for CSS flows and vice-versa
		1.6.6		Sensitive Areas and Priority Areas	
		1.6.7		Measures of Success	Describe how stakeholder values help define LTCP success
2				<b>System Characterization</b>	
	2.1			<b>Objective of System Characterization</b>	Define goal of system Characterization
	2.2			<b>Implementation of Nine Minimum Controls</b>	Rely heavily on previous NMC Consent Decree documents
		2.2.1		Existing Baseline Conditions	Establish starting status
		2.2.2		Summary of Minimum Controls	Discuss progress towards implementation
	2.3			<b>Compilation and Analysis of Existing Data - Summary</b>	Utilize text prepared in Interim CSO LTCP. For discussion purposes, the document is broken up by Ohio River and Beargrass Creek, but further divisions are possible if they would add clarity.
		2.3.1		Watershed Mapping	
		2.4.2		Collection System Understanding	
		2.4.3		CSO and Non-CSO Source Characterization	
		2.4.4		Field Inspections	
		2.4.5		Receiving Water Quality	
	2.4			<b>Compilation and Analysis of Existing Data - Bear Grass Creek</b>	
		2.3.1		Define Existing CSO Watersheds	
		2.4.2		Watershed Mapping	
		2.4.3		Collection System Understanding	
		2.4.4		CSO and Non-CSO Source Characterization	
		2.4.5		Field Inspections	
		2.4.6		Receiving Water Quality	
	2.5			<b>Compilation and Analysis of Existing Data - Ohio River</b>	
		2.3.1		Define Existing CSO Watersheds	
		2.5.2		Watershed Mapping	
		2.5.3		Collection System Understanding	
		2.5.4		CSO and Non-CSO Source Characterization	
		2.5.5		Field Inspections	
		2.5.6		Receiving Water Quality	
	2.6			<b>Combined Sewer System and Receiving Water Monitoring Summary</b>	The proposed organization allows for a programmatic summary of how the monitoring and analysis was established and an individual summary of the actual watershed analysis.
		2.6.1		Monitoring Plan Development	
		2.6.2		Combined Sewer System Monitoring	
		2.6.2.1		Selection of Monitoring Stations	
		2.6.2.2		Frequency of Monitoring	
		2.6.2.3		Pollutant Parameters	
		2.6.2.4		Rainfall Monitoring and Analysis	
		2.6.2.5		CSO Flow Monitoring	
		2.6.2.6		CSO Quality Sampling	
		2.6.2.7		CSO Flow Monitoring Analysis - Summary	
		2.6.2.8		CSO Quality Sampling Analysis - Summary	
		2.6.2.9		CSO Flow Monitoring Analysis - Ohio River	
		2.6.2.10		CSO Quality Sampling Analysis - Ohio River	
		2.6.2.11		CSO Flow Monitoring Analysis - Beargrass Creek	
		2.6.2.12		CSO Quality Sampling Analysis - Beargrass Creek	
		2.6.3		Receiving Water Monitoring	
		2.6.3.1		Selection of Monitoring Stations	
		2.6.3.2		Extent of Monitoring	
		2.6.3.3		Pollutant Parameters	
		2.6.3.4		Hydraulic Monitoring	
		2.6.3.5		Receiving Water Quality Monitoring	
		2.6.3.6		Sediment and Biological Monitoring	
		2.6.3.7		Hydraulic Monitoring Analysis - Summary	
		2.6.3.8		Receiving Water Quality Monitoring Analysis - Summary	
		2.6.3.9		Sediment and Biological Monitoring Analysis - Summary	
		2.6.3.10		Hydraulic Monitoring Analysis - Ohio River	

## Volume 2 of 3 - Combined Sewer Overflow Long-Term Control Plan (LTCP)

Chapter	Section	Sub-section 1	Sub-section 2	Combined Sewer Overflow Long-Term Control Plan Heading	Description
			2.6.3.11	Receiving Water Quality Monitoring Analysis - Ohio River	
			2.6.3.12	Sediment and Biological Monitoring Analysis - Ohio River	
			2.6.3.13	Hydraulic Monitoring Analysis - Beargrass Creek	
			2.6.3.14	Receiving Water Quality Monitoring Analysis - Beargrass Creek	
			2.6.3.15	Sediment and Biological Monitoring Analysis - Beargrass Creek	
	2.7			<b>Combined Sewer System and Receiving Water Modeling</b>	
		2.7.1		Combined Sewer System Modeling	
			2.7.1.1	CSS Modeling Objectives	
			2.7.1.2	CSS Model Selection	
			2.7.1.3	CSS Model Application	
		2.7.2		Receiving Water Modeling	
			2.7.2.1	Receiving Water Modeling Objectives	
			2.7.2.2	Receiving Water Model Selection	
			2.7.2.3	Receiving Water Application	
<b>3</b>				<b>Development and Evaluation of Alternatives For CSO Control</b>	
	3.1			<b>Long Term Control Plan Approach</b>	
		3.1.1		Demonstration verses Presumption Approach	
		3.1.2		Decision Process	
			3.1.2.1	Cost Model	
			3.1.2.2	Benefit Cost Analysis	
			3.1.2.3	Public Participation	
	3.2			<b>Development of Alternatives</b>	
		3.2.1		General Considerations and CSO Control Measures and Available Technologies	Discussion of overall methods available for CSO control, including full suite of "grey" and "green" approaches
			3.2.1.1	Interaction with Nine Minimum Controls	
			3.2.1.2	Interaction with Other Collection and Treatment System Objectives	
			3.2.1.3	Approach to Green Infrastructure	Description of the process used to identify Green Infrastructure opportunities
		3.2.2		Definition of Water Quality and CSO Control Goals	
		3.2.3		Approaches to Structuring CSO Control Alternatives	
			3.2.2.1	Projects Common to All Alternatives	Includes county-wide Green Infrastructure programs
			3.2.2.2	Outfall-Specific Solutions	
			3.2.2.3	Localized Consolidation of Outfalls	
			3.2.2.4	Regional Consolidation	
			3.2.2.5	Utilization of MFWTP POTW Capacity	
			3.2.2.6	Consideration of Sensitive Areas and Priority Areas	
	3.3			<b>Evaluation of CSO Control Alternatives</b>	Value based process, inclusive of Green infrastructure
		3.3.1		Project Costs	
		3.3.2		Performance	
		3.3.3		Cost/Performance Evaluations	
		3.3.5		Rating and Ranking of Alternatives	
<b>4</b>				<b>Selection of Long-Term Plan</b>	
	4.1			<b>Public Participation and Agency Interaction</b>	Explain how the public involvement process at all levels was involved in the evaluation process
	4.2			<b>Final Selection and Development of Recommended Plan</b>	Documentation of final CIP
		4.2.1		Knee of the Curve Evaluation (design event vs. cost)	
		4.2.2		Programmatic Values and Other Non-Monetary Factors	
			4.2.2.1	Environmental Issues/Impacts	
			4.2.2.2	Technical Issues	
			4.2.2.3	Implementation Issues	
		4.2.3		Prioritization of Projects	
		4.2.3		Implementation Schedule to Achieve Consent Decree Requirements	

## Volume 3 of 3 - Sanitary Sewer Discharge Plan (SSDP)

Chapter	Section	Sub-section 1	Sub-section 2	Sub-section 3	Sanitary Sewer Discharge Plan Heading	Description
<b>1</b>					<b>Introduction</b>	
	1.1				Background	
	1.4				Document Organization	Brief discussion of report layout
	1.5				Planning Approach Summary	
		1.5.1			Previous Studies/Planning (SSOP)	Summary of SSOP with references identifying relation to planning process
		1.5.2			CMOM	Summary of CMOM with references identifying relation to planning process
		1.5.3			SORP	Summary of SORP with references identifying relation to planning process
		1.5.4			ISSDP	Summary of ISSDP with references identifying relation to planning process
		1.5.5			Capacity Assessment and System Improvements development	Summary of planning process
		1.5.6			Public Participation and Agency Interaction	Discussion of how overall Public Participation and Agency Interaction (described in Vol 1) impacted specific LTCP issues
		1.5.7			Measures of Success	Define criteria for establishing whether projects attain the expected results
<b>2</b>					<b>System Characterization</b>	
	2.1				Objective of System Characterization	Define goal of system Characterization
	2.2				Implementation of CMOM and SORP	
		2.2.1			Existing Baseline Conditions	establish starting status of CMOM and SORP
		2.2.2			Summary of CMOM	Discuss progress towards implementation
		2.2.3			Summary of SORP	Discuss progress towards implementation
	2.3				Compilation and Analysis of Existing Data	
		2.3.1			Service Area Mapping	Mapping of service areas identifying key features and system layout - should be the base mapping used to document CA and SI results.
			2.3.1.1		Cedar Creek	
			2.3.1.2		Floyd's Creek	
			2.3.1.3		Hite Creek	
			2.3.1.4		Jeffersontown	
			2.3.1.5		Morris Forman	
			2.3.1.5.1		Middle Fork (Middle Fork Trunk)	
			2.3.1.5.2		Muddy Fork (ORFM/Muddy Fork)	
			2.3.1.5.3		South Fork (Beargrass and Northern Ditch)	
			2.3.1.6		Prospect	
			2.3.1.7		Small WTPs	
			2.3.1.8		West County	
		2.3.2			Collection System Understanding	
			2.3.2.1		Baseline Condition	
			2.3.2.2		WTP Capacity Evaluation	
			2.3.2.3		SSO Characterization	
		2.3.3			System Monitoring	
			2.3.3.1		Temporary Flow Monitoring	
			2.3.3.2		Permanent Flow Monitoring	
			2.3.3.3		Rain Gage Network	
		2.3.4			Receiving Water Quality	Include this section to demonstrate improvement of stream water quality related to SSO reduction.
	2.4				Modeling History	Discuss historic modeling efforts identifying coverage area, uses, etc...
	2.5				Modeling Programs Objectives	Document goals of the modeling program and anticipated future model uses (capacity assurance, evaluating impacts of executed projects, etc...)
	2.6				Conveyance System Modeled Baseline Condition	Documentation of capacity assessment results
		2.6.1			Cedar Creek	
		2.6.2			Floyd's Creek	
		2.6.3			Hite Creek	
		2.6.4			Jeffersontown	
		2.6.5			Morris Forman	
			2.6.5.1		Middle Fork (Middle Fork Trunk)	
			2.6.5.2		Muddy Fork (ORFM/Muddy Fork)	
			2.6.5.3		South Fork (Beargrass and Northern Ditch)	
		2.6.6			Prospect	
		2.6.7			Small WTPs	
		2.6.8			West County	
<b>3</b>					<b>Development and Evaluation of Alternatives For SSO Abatement</b>	
	3.1				Sanitary Sewer Discharge Plan Approach	Explain how methodology described in Vol. 1 was used to evaluate SSO solutions
		3.1.1			Decision Process	
			3.1.1.1		Cost Model	
			3.1.1.2		Benefit Cost Analysis	
			3.1.1.3		Design Storm Selection	
		3.1.2			Public Participation	
	3.2				Development of SSO Abatement Alternative	
		3.2.1			SSO Control Measure And Technologies	Define methods available to achieve and applicability to SSO Elimination/control.
			3.2.1.1		Flow Reduction	Includes both private and public side I&I reduction approaches and methods to predict effectiveness

## Volume 3 of 3 - Sanitary Sewer Discharge Plan (SSDP)

Chapter	Section	Sub-section 1	Sub-section 2	Sub-section 3	Sanitary Sewer Discharge Plan Heading	Description
			3.2.1.2		Storage	
			3.2.1.3		Remote Treatment	
			3.2.1.4		Conveyance	
		3.2.2			SSO Abatement Alternatives	Identification of SSO abatement scenarios for evaluation and preliminary mapping as needed.
			3.2.2.1		Cedar Creek	
			3.2.2.2		Floyd's Fork	
			3.2.2.3		Hite Creek	
			3.2.2.4		Jeffersontown	
			3.2.2.5		Morris Forman	
				3.2.2.5.1	Middle Fork (Middle Fork Trunk)	
				3.2.2.5.2	Muddy Fork (ORFM/Muddy Fork)	
				3.2.2.5.3	South Fork (Beargrass and Northern Ditch)	
			3.2.2.6		Prospect	
			3.2.2.7		Small WTPs	
			3.2.2.8		West County	
	3.3				<b>Evaluation of SSO Abatement Alternatives</b>	Documentation and evaluation of proposed solutions including selection of preferred projects with context of B/C analysis.
		3.3.1			Cedar Creek	
			3.3.1.1		Feasibility Screening	
			3.3.1.2		Modeling	
			3.3.1.3		Ground Truthing	
			3.3.1.4		Cost Estimating	
			3.3.1.5		Benefit/Cost Analysis	
		3.3.2			Floyd's Fork	
			3.3.2.1		Feasibility Screening	
			3.3.2.2		Modeling	
			3.3.2.3		Ground Truthing	
			3.3.2.4		Cost Estimating	
			3.3.2.5		Benefit/Cost Analysis	
		3.3.3			Hite Creek	
			3.3.3.1		Feasibility Screening	
			3.3.3.2		Modeling	
			3.3.3.3		Ground Truthing	
			3.3.3.4		Cost Estimating	
			3.3.3.5		Benefit/Cost Analysis	
		3.3.4			Jeffersontown	
			3.3.4.1		Feasibility Screening	
			3.3.4.2		Modeling	
			3.3.4.3		Ground Truthing	
			3.3.4.4		Cost Estimating	
			3.3.4.5		Benefit/Cost Analysis	
		3.3.5			Morris Forman	
			3.3.5.1		Middle Fork (Middle Fork Trunk)	
				3.3.5.1.1	Feasibility Screening	
				3.3.5.1.2	Modeling	
				3.3.5.1.3	Ground Truthing	
				3.3.5.1.4	Cost Estimating	
				3.3.5.1.5	Benefit/Cost Analysis	
			3.3.5.2		Muddy Fork (ORFM/Muddy Fork)	
				3.3.5.2.1	Feasibility Screening	
				3.3.5.2.2	Modeling	
				3.3.5.2.3	Ground Truthing	
				3.3.5.2.4	Cost Estimating	
				3.3.5.2.5	Benefit/Cost Analysis	
			3.3.5.3		South Fork (Beargrass and Northern Ditch)	
				3.3.5.3.1	Feasibility Screening	
				3.3.5.3.2	Modeling	
				3.3.5.3.3	Ground Truthing	
				3.3.5.3.4	Cost Estimating	
				3.3.5.3.5	Benefit/Cost Analysis	
		3.3.6			Prospect	
			3.3.6.1		Feasibility Screening	
			3.3.6.2		Modeling	
			3.3.6.3		Ground Truthing	
			3.3.6.4		Cost Estimating	
			3.3.6.5		Benefit/Cost Analysis	
		3.3.7			Small WTP's	
			3.3.7.1		Feasibility Screening	
			3.3.7.2		Modeling	
			3.3.7.3		Ground Truthing	
			3.3.7.4		Cost Estimating	
			3.3.7.5		Benefit/Cost Analysis	
		3.3.8			West County	
			3.3.8.1		Feasibility Screening	
			3.3.8.2		Modeling	
			3.3.8.3		Ground Truthing	

**Volume 3 of 3 - Sanitary Sewer Discharge Plan (SSDP)**

Chapter	Section	Sub-section 1	Sub-section 2	Sub-section 3	Sanitary Sewer Discharge Plan Heading	Description
			3.3.8.4		Cost Estimating	
			3.3.8.5		Benefit/Cost Analysis	
<b>4</b>					<b><i>Selection of Sanitary Sewer Discharge Plan</i></b>	
	<b>4.1</b>				<b>Public Participation and Agency Interaction</b>	Explain how the public involvement process at all levels was involved in the evaluation process
	<b>4.2</b>				<b>Final Selection and Development of Recommended Plan</b>	Documentation of final CIP
		4.2.1			Knee of the Curve Evaluation (design event vs. cost)	
		4.2.2			Programmatic Values and Other Non-Monetary Factors	
			4.2.2.1		Environmental Issues/Impacts	
			4.2.2.2		Technical Issues	
			4.2.2.3		Implementation Issues	
		4.2.2			Prioritization of Projects	
		4.2.3			Implementation Schedule to Achieve Consent Decree Requirements	